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April 2024

Revised 2023 Periodic Review Report Groundwater Remediation Program Former Carborundum Facility, 2040 Cory Drive, Sanborn, NY NYSDEC Site No. 932102

Submitted to:

New York State Department of Environmental Conservation
Division of Hazardous Waste Remediation
270 Michigan Avenue
Buffalo, NY 14203

On behalf of:

Elm Holdings Inc.

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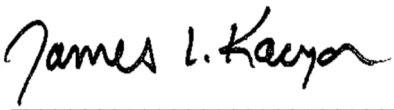
Prepared by Mark T. Becker, P.G.



Reviewed by James L. Kaczor, P.G.

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ALS	ALS Environmental
COC	chain-of-custody records
DCA	dichloroethane
DCE	dichloroethene
DMR	discharge monitoring report
GPM	gallons per minute
GRS	groundwater remediation system
HASP	Health and Safety Plan
IC/EC	Institutional Controls and Engineering Controls
LCS	laboratory control sample
MS/MSD	matrix spike/matrix spike duplicate
MDL	method detection limit
µg/L	micrograms per liter
mg/L	milligrams per liter
MNA	monitored natural attenuation
NYSDEC	New York State Department of Environmental Conservation
OM&M	Operations, Monitoring, and Maintenance
PPE	personal protective equipment
PRR	Periodic Review Report
QA/QC	quality assurance/quality control
RL	reporting limit
ROD	Record of Decision
SMP	Site Management Plan
SPDES	State Pollutant Discharge Elimination System
TAL	Eurofins TestAmerica Laboratories
TCA	trichloroethane
TCE	trichloroethene
TOR	Top of Rock bedrock zone
VC	vinyl chloride
VOC	volatile organic compound
VWCC	vault water collection and conveyance

1.0 Introduction

On behalf of Elm Holdings Inc. (Elm Holdings), AECOM Technical Services, Inc. (AECOM) is submitting this 2023 Periodic Review Report (PRR) along with a completed Institutional Controls and Engineering Controls (IC/EC) Certification Form (Appendix A) summarizing ongoing Operations, Monitoring, and Maintenance (OM&M) activities for the groundwater remediation system (GRS) at the former Carborundum Facility located at 2040 Cory Drive in the Village of Sanborn, Town of Wheatfield, New York (Site), New York State Department of Environmental Conservation (NYSDEC) Site No. 932102. Effective March 1, 2016, Elm Holdings Inc. retained AECOM to manage the remediation at the above referenced site. In accordance with the contractual arrangement between Elm Holdings Inc. and AECOM, AECOM has primary accountability for the site, including managing communications and regulatory program submissions with NYSDEC.

This report is being submitted as requested by NYSDEC in its letter dated November 14, 2023 to Mr. Jim L. Smith of Elm Holdings. The letter provides guidance for preparing the PRR and IC/EC Certification Form and requires that they be submitted to NYSDEC no later than January 31, 2024. Ongoing OM&M activities included GRS operations, waste handling activities, permit issues, sampling, and analysis.

OM&M of the Site during this reporting period was provided by AECOM. This report presents a summary of the OM&M activities completed between January 1 and December 31, 2023. As part of the OM&M activities, semi-annual groundwater sampling is conducted in Spring and Fall. Results of the Spring 2023 sampling event were submitted to NYSDEC on October 30, 2023, in AECOM's *Semi-Annual Spring 2023 Groundwater Remediation Program Monitoring Report, Former Carborundum Facility, 2040 Cory Drive, Sanborn, NY, NYSDEC Site No. 932102* (AECOM, 2023a).

Figure 1 shows the Project Location Plan and Figure 2 shows the Site Plan. The Site property is comprised of four parcels totaling approximately 40 acres. Currently, there is a manufacturing facility (Pyrotek, Inc. doing business as Pyrotek and a subsidiary business Metaullics, Inc.) with some associated administrative buildings. Construction of the most recent addition to the manufacturing facilities consisted of additional office space in the southwest corner of the Pyrotek manufacturing building and was completed in October 2019. The majority of land immediately adjacent to the property is used for agricultural purposes. Private residences border the property along the western boundary of the Site. Surface topography generally slopes to the south toward the Niagara River. Surface water from the paved areas of the Site is collected by the Pyrotek/Metaullics sewer system.

The volatile organic compounds (VOC) trichloroethene (TCE) and 1,1,1-trichloroethane (TCA), which were previously released to the environment during operations at the manufacturing facility, are being addressed under the direction of NYSDEC under a 1991 Order on Consent (NYSDEC, 1991b) and associated modifications. TCE and its primary breakdown constituents, cis-1,2-dichloroethene (DCE) and vinyl chloride (VC), are present at select locations in the groundwater.

The 1991 Record of Decision (ROD) (NYSDEC, 1991a) selected soil vapor extraction for soil remediation and groundwater remediation through permitted recovery, treatment, and discharge. The recovery and treatment systems are operated as an engineering control with the goal of preventing off-site migration of dissolved VOCs.

The GRS began operation in mid-1993 and treats groundwater using air stripping technology and an activated carbon polish. The GRS is operated with goals to provide onsite hydraulic containment and to prevent offsite migration of groundwater containing dissolved VOCs. Post-treatment water is discharged via a NYSDEC permitted State Pollutant Discharge Elimination System (SPDES) outfall to Cayuga Creek. Weekly discharge compliance samples are collected and analyzed in compliance with the SPDES permit. In 2023, the GRS continued to treat extracted groundwater and discharge the treated water to the permitted SPDES outfall.

A soil vapor extraction system was operated in conjunction with the GRS until 2001 and was subsequently decommissioned by 2007. In 2001, per discussions with NYSDEC, the recovery wells were reconfigured to extract groundwater from a shallower depth, focusing on the zones immediately at the top of bedrock and below the top of bedrock (Zone 1). Additional deeper bedrock Zones 2, 3, 4, and 5 were found to be less impacted and suitable for monitored natural attenuation (MNA). This reconfiguration reduced the volume of groundwater extracted, the flow through the treatment system, and focused capture of groundwater in the source area(s) and allowed deeper, less contaminated zones to be monitored for natural attenuation.

Metaullics operates furnaces in their main manufacturing building. The furnaces are installed in vaults set below grade. During periods when the groundwater elevations are higher, groundwater tends to accumulate in the vaults. Prior to 2012, the vault water was discharged to the facility sanitary sewer and to the POTW. NYSDEC requested that the water be managed separately, instead of being discharged to the sewer. Well PW-4 was initially installed to lower the groundwater elevation in the vicinity of the vaults to eliminate the need for any discharge. However, PW-4 (at that time in operation since 2008) did not provide sufficient hydraulic control to prevent accumulation of groundwater in the vaults. The vault water collection and conveyance (VWCC) system was added in 2012 to collect water from the manufacturing building furnace vaults and transport it to the GRS for processing with the recovery well groundwater. Sumps contained within three vaults in the Metaullics facility were connected to the GRS and the VWCC system was brought online on June 12, 2012. At that point, recovery well PW-4 was turned off. The VWCC originally received water from Vaults 1, 2, and 3. Vault 2 has since been abandoned-in-place and sealed. A map showing the locations of the vaults and the layout of the VWCC are presented in Appendix B. Coinciding with the removal of two furnaces at the facility, Vault #2 was permanently filled in and ceased pumping activities in September 2017.

A diagram of the GRS equipment is presented in Appendix B. Tanks T-001 and T-002 are consolidation tanks for the VWCC system water. Tank T-001 is located near well PW-4 and collects water from Vaults 1 and 3 (Vault 2 has been sealed). Water is transmitted from T-001 to T-002, located in the GRS building. From T-002, the water is relayed to equalization Tank T-801, where it is combined with water from the recovery wells for further treatment. The location of T-001 is shown on Appendix B (labeled as Tank 1) and T-002 is shown in Appendix B. Sorbent socks are installed in Tank 001 to capture floating oils that may be introduced from the interior of the vaults. Accumulation is typically insignificant. The socks are inspected and changed out periodically.

Quarterly groundwater sampling began in 1988. In October 2005, NYSDEC agreed to revise the groundwater sampling program and reduce the number of groundwater samples collected on an annual basis. Subsequently, in February 2016, NYSDEC requested that an updated groundwater monitoring program be developed. In October 2016, an updated groundwater monitoring program including transition to a semi-annual program was presented to NYSDEC. This updated program includes an annual round (Spring) of 43 locations and a semi-annual round (Fall) including 18 of the 43 annual locations. The proposed program was conditionally approved in November 2016 and was initiated in December 2016. The proposed program was approved by NYSDEC on May 1, 2017. The

Annual Sampling – Spring 2023 and Semi-annual - Fall 2023 groundwater sampling events represented the 126th and 127th monitoring events since periodic groundwater sampling began.

2.0 Groundwater Remediation System

During 2023, operation of the GRS remained focused on onsite groundwater hydraulic containment and the prevention of off-site migration of groundwater containing dissolved VOCs at concentrations above action levels. The GRS continued to extract, treat, and discharge the treated water to the SPDES outfall. The following sections summarize the GRS operation, maintenance, and performance in 2023, and discuss its effectiveness, as well as planned future activities.

2.1 Operations, Monitoring, and Maintenance

In 2023, AECOM conducted OM&M activities on GRS extraction wells P-2, P-3, P-4, PW-1, and PW-3, the two active vault sumps in the VWCC, and the GRS treatment system. Table 1 provides the recovery well specifications (e.g., target water levels and on/off set points) used during the year. With operation of the VWCC, recovery well PW-4 was not operated in 2023.

The goals of the OM&M activities for the GRS were to maintain pumping at a rate necessary to achieve hydraulic control, and to maintain the treatment system to meet permitted treatment requirements. Routine OM&M activities included weekly / monthly / quarterly / and annual system inspections, routine maintenance, monitoring, sampling, system and equipment repairs, adjustment of pumping controls, waste management, and lawn care/snow removal from parking areas and driveways. As applicable, monitoring and analytical equipment were calibrated per the manufacturers' specifications.

The following non-routine OM&M activities were performed for the GRS during 2023:

- Replaced bag filters associated within VWCC portion of GRS on eight occasions;
- Performed backwash of carbon beds on four occasions;
- Replaced pre-carbon bag filters for GRS on sixteen occasions;
- Acid cleaned the bottom of the stripper trays on one occasion;
- Subcontractor Matrix Environmental pumped sediments from T-802 on 4/4/23. The GRS was shut down during this maintenance for 4.5 hours;
- The pump in recovery well P-4 was down from 4/4/23 to 6/7/23 (64 days) due to a faulty electrical connection. The connection was repaired, and P-4 has been in operation since 6/7/23.
- The transducer in recovery well PW-1 was replaced on 6/23/23.
- The Vault 1 pump stopped working on 8/11/23 and was replaced on 8/31/23. This did not affect the total system uptime, just the one vault.
- The transducer in well P2 malfunctioned on 12/26/23, the well was offline until 1/3/24 when the transducer was replaced.

A log of routine and non-routine system OM&M activity is maintained at the GRS.

2.2 System Performance in 2023

Table 2 summarizes the GRS performance and system up-time. The combined average system up-time, based on operational hours relative to total hours, was approximately 97% during 2023. Up-time for individual wells during 2023 was 100% at P-3, PW-1and PW-3; up-times at P-2 and P-4 were 99% and 83%, respectively. Up-time for the VWCC system for 2022 was 100%.

GRS performance in 2023 was gauged by the degree of hydraulic control, capture zone development, the magnitude of groundwater extraction, mass recovery, and treatment to meet SPDES discharge requirements. Performance of the GRS in 2023 and OM&M plans for 2024 are discussed below.

2.2.1 Hydraulic Control

Hydraulic control continued to focus on the Top of Rock (TOR) Zone and bedrock Zone 1 in 2023. Extraction wells PW-1, PW-3, P-2, P-3, and P-4 achieved the objective of onsite migration control. Each of the wells extracted groundwater from the TOR Zone or/and Zone 1 at locations within or downgradient of former source areas (PW-1, PW-3, P-2), and at the western downgradient property boundary (P-3 and P-4). Groundwater was also recovered from the VWCC sumps in active Vaults 1 and 3 in the Metaullics manufacturing facility. (In September 2017, Vault 2 was permanently abandoned by Pyrotek, and pumping activities were permanently discontinued.) Within the source areas, the high percentage of up-time for PW-1 and vaults facilitated migration control and continuous source control throughout the period. Potential impacts to offsite areas were limited by up-times of 100% at wells PW-1 and P-3, and 83% at P-4. Based on 2023 monitoring data and groundwater pumping rates, onsite groundwater migration control remains effective.

2.2.2 Capture Zone Development

Quarterly groundwater elevation measurements were collected in March (1Q), June (2Q), and October 2023 (3Q), and early January 2024 (4Q 2023). Potentiometric surface plots for the TOR and Zone 1 in 2023 (see Figures 3 through 10), up time for the VWCC system and other historical site-specific hydrogeological information (e.g., pumping test data and well development observations) indicate that the GRS has maintained the capture zone in the vicinity of the extraction wells. Groundwater capture and recovery for the vault sumps and extraction wells is consistent with the remedial action objectives (provide onsite hydraulic containment and prevent offsite migration of groundwater containing dissolved VOCs).

2.2.3 Groundwater Extraction and Mass Recovery

Table 2 summarizes the extraction performance of the GRS based on flow rates from individual wells, as well as the PLC-monitored effluent meter located in the treatment building. Approximately 14.6 million gallons of groundwater extracted by the wells and sumps were treated in the GRS during 2023, yielding approximately 1,259 pounds of extracted VOCs, based on the measured flow at the pumping wells and the VOC concentrations detected during the semiannual groundwater sampling program. The pounds of extracted VOCs is likely biased high due to a discrepancy between the total flow measured by the totalizers in the pumping well sheds (24.6 million gallons) and the flow recorded by the PLC (SPDES effluent meter – 14.6 million gallons). The reason for this discrepancy is unclear but it is possibly due to flow meter malfunctions (refer to Section 2.4 for additional discussion). A replacement effluent meter was ordered in 2023, but the vendor could not fill the order due to supply chain issues. Another effluent meter has been ordered and should be installed in February 2024.

AECOM will continue to monitor discrepancies in the meter totals. The average GRS recovery rate for 2023 was approximately 27.8 gallons per minute (gpm) as measured at the SPDES effluent flow meter. These data indicate that the GRS continued to effectively remove dissolved constituents in groundwater during 2023.

Plots of concentration versus time for site monitoring wells and pumping wells are presented in Appendix C. As noted in previous reports, on some of the plots the trend lines appear to contradict the plotted concentrations. This is likely due to the fact that the plots show data from 2001 onward, and the trendlines are calculated using all of the historical data from the well, some going back as far as 1984. AECOM is working to update the algorithm used to generate the trend lines so that in future reports the trend lines will be generated from the data shown in the plots. The historical analytical database presenting VOC data for site monitoring wells and pumping wells is presented in Appendix D. See Section 5 for a discussion of groundwater quality.

2.2.4 Treatment and SPDES Discharge

The average flow through the SPDES effluent flow meter was 27.8 gpm in 2023. During 2023, the discharge flow was monitored, and effluent samples were collected at the SPDES outfall (01A) inside the treatment building. Discharge monitoring reports (DMRs) were provided to NYSDEC on a monthly basis, in compliance with the SPDES permit number NY0001988 (see Appendix E). Analytical results were generally compliant with the SPDES permit. Additional information regarding 2023 SPDES performance and monitoring is presented in Section 4.1.

2.3 System Upgrades

There were no upgrades to the GRS this reporting period.

The most recent upgrade was the 2012 addition of the VWCC system which conveys water from vaults in the Metaullics facility to the GRS treatment building via an outdoor collection tank (T-001) adjacent to the Metaullics facility, and then to an equalization tank (T-002) inside the GRS treatment building. The VWCC began operation on June 12, 2012. A pre-treatment system associated with the VWCC was installed within the GRS treatment building to pre-filter the VWCC water entering the primary GRS equalization tank (T-801). Beginning in January 2013, a composite sample from T-002 in the VWCC was sampled on the same quarterly schedule as the six recovery wells. Beginning in 2016, this sample was collected semi-annually in accordance with NYSDEC conditional approval of an updated groundwater monitoring program for the Site (see Section 5.1 for additional discussion).

The VWCC system design included three vaults numbered 1, 2, and 3. In September 2017, Pyrotek removed two furnaces located interior of the south wall of the Metaullics building. The furnaces were associated with Vault 2, west of the double sliding doors. The steel furnace shells were removed from Vault 2, the vault was backfilled with flowable fill, and a concrete cap was placed over the abandoned vault. Immediately prior to the abandonment of Vault 2, pumping activity to the GRS via the VWCC was discontinued and the sump pump from Vault 2 and its associated piping was permanently removed. Following this abandonment, only Vault 1 and Vault 3 remain online as part of the VWCC.

2.4 Planned Future GRS Activities

In addition to continued operation, maintenance, and monitoring of the GRS, the following activities are planned for 2024:

- System processes and procedures will continue to be reviewed, optimized, upgraded and/or retrofitted as necessary to accommodate the groundwater recovery rate and treatment requirements. In an effort to remove the discrepancy between the pumping well shed flow meters and the SPDES effluent meter, AECOM will replace the effluent meter. AECOM will also install a new GAC vessel. The air stripper effluent will be pumped through the new GAC vessel. The existing GAC vessels will remain in place and can be utilized if necessary (see Section 4.1).
- Downgradient chemical concentrations will continue to be evaluated to gauge the effectiveness of hydraulic control.
- Continue to update the conceptual site model (CSM). The revised CSM will be used to re-evaluate the pump and treat alternative used at the Site and consider other potential alternatives. AECOM will present a plan to NYSDEC for in situ treatment of Site groundwater contamination with the ultimate goal of eventually reducing or eliminating the need for groundwater 'pump-and-treat' operations that are inherently in conflict with NYSDEC DER-31 where other options may exist.

3.0 Waste Handling Program

The waste handling program for the GRS consists of tracking the generation and the proper disposition of soils, personal protective equipment (PPE), debris, and OM&M materials. The program is intended to provide compliance with applicable local, state, and federal regulations related to waste handling. During 2023, wastes generated during operation and maintenance of the GRS included PPE and GRS materials.

3.1 Hazardous Waste Reporting and Inspections

Based on the volume of hazardous waste generated during 2023, the site is a Small Quantity Generator. As a Small Quantity Generator, Elm Holdings is not required to submit a 2023 Biennial Hazardous Waste Report.

3.2 Personal Protective Equipment

During 2023, used PPE was generated during routine OM&M activities. PPE that had been in contact with hazardous materials was containerized and managed with the spent bag filters (see Section 3.3, below). Used PPE that did not come into contact with hazardous materials was disposed of as routine municipal waste.

3.3 Groundwater Treatment System Operations and Maintenance Materials

OM&M of the groundwater treatment system routinely generates used bag filters including sediment from filtering, and periodically spent carbon adsorption material. During normal operations, a 55-gallon drum is used (until full) to contain used bag filters and PPE (see Section 3.2, above). The container is labeled with a hazardous waste sticker, description of contents, and start and full dates. When the container is full, appropriate hazardous waste transport and disposal is coordinated.

During this reporting period, five 55-gallon drums of hazardous GRS materials were transported offsite for disposal on December 26, 2023, by Heritage Environmental Services. This included two drums of spent bag filters and PPE, and three drums of particilate material removed from effluent tank 802. The waste manifest is presented in Appendix F. It is anticipated that one to two drums of filter bags and PPE, along with one to two drums of material to be cleaned out of effluent tank 802 will be disposed of in 2024.

No spent carbon adsorption material was changed out or shipped in 2023.

3.4 Onsite Soil Management

In 2023, there were no events that required monitoring of soil excavations in accordance with the NYSDEC-approved June 2016 Air Monitoring and Soil Management Plan.

4.0 Permits and Site Management

Discharge of treated water from the GRS to Cayuga Creek occurs under a SPDES permit for treated water discharge. In addition, an air discharge registration is in place for vapor emissions from the air stripper. Key activities associated with the permit and the air registration are summarized below. Compliance with institutional and engineering controls is also discussed below.

4.1 SPDES Permit for GRS

The SPDES Permit for the GRS presently consists of Outfall 01A, located at the discharge of the GRS in the treatment building. During September 2016, AECOM prepared and submitted an application for SPDES permit renewal to NYSDEC. The permit renewal application was due 180 days prior to permit expiration; i.e., due September 30, 2016, for permit expiration of March 31, 2017. AECOM submitted the application prior to the application due date. No changes to the permit or operating conditions were requested. NYSDEC replied on October 11, 2016, stating that NYSDEC was undertaking a full technical review of the SPDES discharge to determine the need to incorporate new permit requirements under the Federal Clean Water Act. NYSDEC relayed that the current permit will remain in effect after the expiration date under the provisions of the State Administrative Procedure Act. The permit renewal was still pending as of the end of this reporting period (December 31, 2023). A copy of the SPDES Permit is provided in Appendix E. Samples collected for compliance with the SPDES permit were analyzed by Eurofins TestAmerica Laboratories, Inc. (TAL) in Amherst, NY, and North Canton, OH, except for phenol samples for the full year and BOD samples, which were analyzed by ALS Environmental (ALS) in Rochester, New York.

The monthly DMRs are submitted electronically through the NetDMR web site, which is operated by EPA. Upon acceptance by NetDMR, a notification is received from EPA. If the DMR is not submitted by the monthly deadline or is not accepted, NetDMR issues a Notice of Non-compliance to NYSDEC's Division of Water. The 2023 SPDES data was presented in monthly DMRs and the DMRs were accepted by EPA. The analytical results were generally compliant with the SPDES permit conditions. The following exceedances of SPDES permit requirements were detected in 2023:

- In January 2023, the lead (Pb) result was 30 µg/L, exceeding the discharge limit of 25 µg/L. This followed a Pb concentration of 57 µg/L in December 2022. The lead discharge limit was subsequently exceeded in March (29 µg/L), June (30 µg/L), October (88 µg/L) and November (63 µg/L) 2023. In each instance, corrective measures were taken and subsequent samples collected in the same calendar month were below the discharge limit.
- In September 2023, the pH was measured at 6.38 standard units (s.u.) and 6.27 s.u.during two weekly measurements. These values are outside the allowable range of 6.5 s.u to 8.5 s.u. The result was attributed to operator error during the field measurement. A training refresher was implemented for field staff as a response action.
- In October 2023, the zinc result was 2.3 mg/L, exceeding the discharge limit of 2.0 mg/L. The automated sample collection system was cleaned, and the result for the subsequent sample for zinc collected in the same calendar month was 1.1 mg/L, below the discharge criterion.

For each of these exceedances, AECOM prepared a Report of Noncompliance Event, providing a description of the exceedance and corrective measures, that was submitted to NYSDEC. The

Monthly DMRs and the Reports of Noncompliance Event for each event noted are presented in Appendix E.

AECOM took measures to identify and remove the source of the elevated Pb levels in the SPDES discharge. As a preventative measure, Tank 802 was cleaned on April 3, 2023 by AECOM subcontractor Matrix Environmental Services, Inc. (Matrix). The tank was emptied and interior was pressure-washed. Solids collected from the cleaning event were drummed for subsequent offsite disposal.

On July 11, 2023 NYSDEC issued a Notice of Violation (NOV) to Elm Holdings as a result of the Pb discharge limit exceedances in December 2022 and January 2023. As part of the response to the NOV, AECOM initiated a sampling program to identify potential sources of the Pb exceedances. The sampling program and results are documented in Elm Holding's August 15, 2023 Response to the NOV. One of the potential sources identified is the GAC vessel in the GRS. As a response measure, a new 2,000-pound GAC vessel will be piped into the treatment system in February 2024; the existing GAC vessels will remain piped into the system to backup the new vessel, as needed.

4.2 Air Registration

In 2023, the facility continued to operate under a registration status in New York State (NYSDEC ID 9-2490-00059). The registration does not expire. In November 2009, the configuration of the air emissions changed with the installation of the new discharge stack. The modification was approved by NYSDEC prior to implementing the change, and a revised source registration was submitted to NYSDEC to document the change in stack configuration.

4.3 Site Management

The site consists of four parcels of land, upon which the responsible party maintains and monitors groundwater monitoring wells, and operates, monitors, and maintains a groundwater recovery and treatment system. Discharge from the groundwater treatment system is permitted under the SPDES permit. Institutional controls include a Soil Management Plan, a groundwater monitoring plan, and an operations and maintenance plan for the GRS. Engineering controls include fencing for access control and groundwater containment via pumping and treatment of recovered groundwater. Perimeter fencing was observed to be in good condition during the routine monitoring events. The completed 2023 IC/EC Certification Form for the reporting period is included in Appendix A. All requirements have been met.

Monitoring and analytical instrumentation continue to be calibrated according to manufacturers' recommended maintenance procedures or by the manufacturer. Calibration records are kept on file at the Site.

Between 2018 and 2022, the NYSDEC Division of Water requested additional sampling of the storm and sanitary sewer systems. The results from all of the sewer sampling activities are summarized in a letter to NYSDEC Division of Water entitled *October 2022 Storm and Sanitary Sewer Water Investigation Sampling Results* dated December 7, 2022 (AECOM, 2022b). No activities related to the sewers were conducted in 2023.

On April 13, 2021, AECOM prepared and submitted on behalf of Elm Holdings Inc. a work plan entitled *Sequestration Pilot Study Work Plan* (AECOM, 2021a), for completing a pilot study to evaluate enhancements to the groundwater control and extraction and treatment program at the Site. The Sequestration Pilot Study was proposed to determine if the injectate consisting of emulsified oil and

zero-valent iron [EZVI™] could help reduce the concentration, mass, and mobility of VOC concentrations at select areas of the Site. The Sequestration Pilot Study was performed in two areas: 1) in a suspected source area near well PW-3; and 2) near the downgradient site boundary near well P-4. On April 29, 2021 the work plan was approved in an electronic mail from NYSDEC to AECOM. The pilot injections were performed between May 17 and 20, 2021. The results of the Sequestration Pilot Study, including the results of post-injection groundwater monitoring at 14, 30, 60, 90, and 150 days (i.e., through October 2021) were provided to NYSDEC in the *Sequestration Pilot Study Summary Report*, dated August 11, 2022 (AECOM, 2022b). The results suggest that the injectate, EZVI ™, was successful at altering groundwater geochemical conditions in a manner that will promote reductive dechlorination of Site VOCs.

On November 10, 2023, AECOM submitted the *Groundwater Remediation System Shutdown Work Plan* (Shutdown Work Plan) to NYSDEC and NYSDOH. The Shutdwon Work Plan detailed a plan to turn off the recovery wells for a period of one year to observe the plume behavior under non-pumping conditions for the purpose of gathering data to be used to refine the CSM and evaluate options for a targeted in-situ remediation program to reduce the energy consumption related to the operation of the GRS. The Shutdown Work Plan included a groundwater and vapor intrusion monitoring program to evaluate plume behavior and reduce risk to offsite residences during the proposed shutdown period. On December 5, 2023, NYSDEC and NYSDOH issued a response rejecting the shutdown proposal, stating that the plan did not provide adequate justification to cease GRS operations to evaluate remedial options. The plan will be revised in 2024 to better present the intended purpose, which is to implement a more sustainable long-term remedy for the site.

5.0 Groundwater Monitoring, Sampling, and Analysis

Monitoring included both routine monitoring of groundwater conditions and discharges, as well as task-specific sampling and analysis events. The monitoring events that were conducted during the 2023 reporting period are summarized below.

5.1 Groundwater Monitoring

Monitoring of groundwater conditions at this site includes both groundwater level measurements and groundwater quality sampling and analysis. Groundwater elevation data were collected once each quarter (March, June, and October, 2023 and January 2024). Refer to Table 3 for elevation data and Figures 3 through 10 for elevation figures by quarter for TOR and Zone 1.

VOC groundwater samples were collected by AECOM in Spring (March 20 through March 24, 2023) and Fall (October 18 through October 20, 2023) according to the semi-annual sampling schedule in effect at the beginning of 2023 (Table 4). The monitoring and laboratory data associated with the Spring 2023 and Fall 2023 sampling events have been incorporated into the project database.

Quarterly groundwater sampling began in 1988. In October 2005, NYSDEC agreed to revise the groundwater sampling program and reduce the number of groundwater samples collected on an annual basis. Subsequently, in February 2016, NYSDEC requested that an updated groundwater monitoring program be developed. In October 2016, an updated groundwater monitoring program including transition to a semi-annual program was presented to NYSDEC. This updated program includes an annual round (Spring) of 43 locations and semi-annual round (Fall) including 18 of the 43 annual locations. The proposed program was conditionally approved in November 2016 and was initiated in December 2016. The proposed program was approved by NYSDEC on May 1, 2017 (Table 4). As has been previously established, the primary water-bearing zones of concern are TOR and bedrock Zone 1. Therefore, the re-assessment proposed a greater number of wells for monitoring in these zones as compared to deeper, less impacted bedrock Zones 2, 3, 4, and 5. The MNA and VOC data sets are sufficient to draw conclusions regarding the status of natural attenuation at the site. Therefore, AECOM recommended MNA analyses be suspended until such time as implementation of a possible in-situ treatment technology pilot study or change in VOC source concentrations warrants additional MNA data collection.

During the 2023 monitoring events, each well was purged with a decontaminated pump, dedicated high density polyethylene bailer, or the sampling port on the recovery well. During purging, field parameters (pH, specific conductivity, temperature, dissolved oxygen (DO), oxidation-reduction potential (ORP), and turbidity) were measured and recorded. In accordance with the revised sampling plan (approved May 2017), the sample collection method was adjusted from the previous volume-based purge method to primarily low-flow purge and sample method, with allowance for use of a bailer based on field conditions. Low-flow sampling methods employed either a pneumatically operated bladder pump or peristaltic pump with sample tubing placed approximately one to two feet above the well bottom. Groundwater was pumped through an in-line flow cell until groundwater quality readings for the indicator parameters stabilized. Once the parameters stabilized, the groundwater sample was collected.

VOC samples were placed in pre-cleaned, labeled 40-milliliter glass vials preserved with hydrochloric acid provided by the analytical laboratory. Three sample vials were collected from each sample location. The containers were visually inspected to confirm that they did not contain air bubbles. All samples were hand-delivered to TAL in Amherst, NY for VOC analysis under secure chain-of-custody (COC). TAL Amherst then transferred the samples to TAL in Canton, OH, a New York State Department of Health Environmental Laboratory Approval Program-certified laboratory to perform the analyses.

For each event, quality assurance/quality control (QA/QC) samples included trip blanks, field duplicates and matrix spike/matrix spike duplicates (MS/MSD). Trip blanks were included in each VOC sample shipment. Field duplicates and MS/MSD samples were collected at a rate of one per 20 samples.

Spring 2023

The Spring 2023 annual groundwater monitoring event included sampling groundwater from 35 monitoring wells, six recovery wells, tank T-002, and surface water from the pond in the Niagara Quarry (see Table 4). The event was completed by AECOM between March 20 and March 24, 2023. The 35 wells were all sampled for site specific VOCs using low-flow methodology; the six recovery wells, tank T-002, and the quarry pond were grab sampled (see Table 4). The samples were analyzed for VOCs by USEPA Method 8260D. Field parameter data collected during the sampling event are provided in Table 5. Field logs and analytical laboratory data reports for this event were previously submitted to NYSDEC in a report entitled *Semi-Annual Spring 2023 Groundwater Remediation Program Monitoring Report, Former Carborundum Facility, 2040 Cory Drive, Sanborn, NY, NYSDEC Site No. 932102* (AECOM, 2023a). Spring 2023 VOC are summarized in Table 6 and Figures 11 and 12.

Fall 2023

The Fall 2023 semi-annual groundwater monitoring event performed by AECOM included sampling groundwater from 10 monitoring wells, six recovery wells, tank T-002, and surface water from the pond in the Niagara Quarry (see Table 4). The groundwater sampling was completed from October 18 to 20, 2023. Field parameter data collected during the sampling event are provided in Table 7. Field logs are presented in Appendix G. The samples were received by the laboratory intact, properly preserved, and under proper COC documentation. The samples were analyzed for VOCs by USEPA Method 8260D. The analytical results were provided in TAL report numbers 240-194049-1. Fall 2023 VOC analytical results are summarized in Table 8 and Figure 13; the analytical laboratory reports are presented in Appendix H.

A limited QC data review was performed on all samples for completeness of deliverables, and for compliance with method criteria, which includes reporting limit (RL), holding times, method blanks, surrogate recoveries, internal standard recoveries, MS/MSD recoveries, and laboratory control sample (LCS) recoveries. The QC data review of the Fall 2023 laboratory report summary determined:

- All samples were analyzed within holding times, with compliant surrogate, internal standard MS/MSD and LCS recoveries.
- Several samples were only analyzed at a dilution due to the high concentration of target compounds. The RLs for the non-detect compounds are the lowest achievable at the diluted level. Results reported by the laboratory with a ‘J’ qualifier have concentrations between

the method detection limit and RL. Those results being reported from a secondary dilution (where an undiluted analysis was performed initially) have been qualified 'D'.

- Methylene chloride was detected in the trip blank, but it was not detected in any samples, so no qualification was necessary.
- The percent recovery of cis-1,2-dichlorethene was slightly greater than the QC limit in sample B-38 matrix spike duplicate. The %R of this compound was acceptable in the matrix spike and the laboratory control sample so no qualification has been added to the sample results.
- The relative percent differences between the parent sample B-3M/field duplicate DUP-20231018 were acceptable (i.e., < 25%), therefore no data qualification was necessary.
- Results qualified 'U' are considered non-detect.
- All data are usable as reported.

5.2 Groundwater Quality

As mentioned in Section 2.2.1, recovery wells pump groundwater from the TOR zone and bedrock Zone 1. The highest concentrations of TCE, total 1,2-DCE, and VC have previously been identified in these upper zones. Some wells are screened across multiple zones. The deepest screened zone is used for the discussion below. The concentration of dissolved VOCs observed in groundwater samples from all zones in 2023 is generally consistent with historical trends. The concentrations for each 2023 sampling event are provided on isocontour maps presented in Figures 11 through 13[1]. The Fall 2023 sampling set does not contain enough wells in the lower zones to contour Zones 2 through 5. Time series plots showing historical and current analytical data, as well as analytical tables for current and historical results are provided in Appendices B and C, respectively.

5.2.1 VWCC T-002

The VWCC system collects water from the vaults inside the Metaullics facility and feeds the collected water first to tank T-001 located outside the Metaullics building near well P-4, and then to tank T-002 in the GRS building. A grab sample of purge water was collected from T-002 in March 2023 and October 2023. A summary of analytical data is presented in Table 6 (Spring 2023) and Table 8 (Fall 2023).

The TCE concentration in Spring 2023 (1,200 µg/L) was the highest observed in tank T-002 since 2014. The Fall 2023 TCE concentration (740 µg/L) was within the historical range at this location. The total 1,2-DCE concnetrations for Spring 2023 (580 µg/L) and Fall 2023 (710 µg/L) were within the historical range at this location. Total VOCs in T-002 in Spring 2023 (1,780 µg/L) and Fall 2023 (1,519.4 µg/L) were both long-term above the average of 1,033.05 µg/L. See Appendix D for a summary of historical analytical data.

[1] For Figures 11 through 13, if a field duplicate was collected at a particular location, the greater of two detected values was used in the contouring. This may result in slight differences from Appendix D historical data summaries, which lists only the original sample, not its duplicate. The summaries in Appendix D were used to develop the discussion of Groundwater Quality in this report section.

5.2.2 Top of Rock and Zone 1

In the TOR zone, total concentrations of dissolved VOCs generally ranged from below the analytical detection limits to greater than 1,000 µg/L. Wells in which groundwater concentrations of one or more VOCs were above 1,000 µg/L during 2023 or where 2023 VOC concentrations were different than previous results are listed below:

Top of Rock and Zone 1

- B-3M
    - TCE – The Spring 2023 TCE concentration (2,200 µg/L) was the highest since 1990 for this location. The Fall 2023 concentration (960 µg/L) was higher than the Fall 2022 concentration of 72 ug/L. Except for Fall 2021, Spring 2022 and Spring 2023, TCE hasn't been above 1,000 µg/L at B-3M since the early 1990s.
    - Total 1,2-DCE – The Spring 2023 total 1,2-DCE concentration (740 µg/L) was the second highest in the past decade in this well. The Fall 2023 concentration (600 µg/L) was the third highest in the past decade in this well, and was higher than the Fall 2022 concentration of 79 µg/L.
    - Total VOCs – The Spring 2023 total VOCs concentration of 2,993 µg/L is the highest in the past decade. The Fall 2023 total VOCs concentration of 1,560 µg/L was higher than the Fall 2022 concentration of 255.5 µg/L.
    - Although the overall concentration trends in B-3M have decreased since the start of monitoring, the concentrations have increased since 2018. A correlation between higher water elevations and greater TCE and DCE concentrations can be seen on the time series plot in Appendix C. B-3M will continue to be monitored to see if there is a long-term trend of VOCs increasing at this location and the relationship between water elevation and concentrations.
- B-17M (sampled Spring only)
    - B-17M is located adjacent to and is hydraulically controlled by recovery well PW-1.
    - TCE – The Spring 2023 TCE concentration of 780 µg/L was lower than the Spring 2022 TCE concentration of 2,600 µg/L remains below the historical average of 4,057 µg/l at this location over the last decade.
    - Total 1,2-DCE – The Spring 2023 total 1,2-DCE concentration of 1,500 µg/L is lower than the Spring 2022 concentration of 5,200 µg/L, and below the historical average of 4,970 µg/l for this location over the last decade.
    - Vinyl Chloride - The Spring 2023 vinyl chloride concentration of 650 µg/L is below the historical average of 894 µg/L over the past decade.
    - Total VOCs – The totalVOC concentration of 2,930 µg/L is the lowest concentration observed at this location. The overall trend for total VOCs in groundwater at this location is decreasing.
- B-22M
    - B-22M is located southwest of the Site in the residential area west of the facility.

- TCE – The Spring 2023 concentration of 23 µg/L was below the historical average for this location over the past decade (25 µg/L), while the Fall 2023 TCE concentration of 49 µg/l was above the historical average for this location.

- Total 1,2-DCE - The Spring 2023 concentration (51 µg/l) was below the average at this location over the past decade (57 µg/L) and Fall 2023 (57 µg/l) total DCE concentration equalled the historical average concentration observed at this location over the past decade.

- Total VOCs - The Spring 2023 total VOCs concentration of 75.8 µg/L is below the historical average concentration observed at this location over the past decade (98 µg/L), while the Fall 2023 total VOCs concentration of 111.16 µg/L is above the average concentration observed at this location over the past decade.

- P-2
  - P-2 is a recovery well located immediately south of the eastern-third of the manufacturing building.
  - A strong correlation between water elevation above the top of bedrock and lower total VOC concentrations can be seen on the time series plot in Appendix C.
  - TCE – The TCE concentration in Spring 2023 (380 µg/L) was the third lowest concentration at this location over the last decade, while the Fall 2023 concentration (6,300 µg/L) was among the higher concentrations at this location historically over the last decade, and similar to the 6,100 µg/L detected in the Fall 2022 sample.
  - Total 1,2-DCE – Similar to TCE, the Spring 2023 total 1,2-DCE concentration (140 µg/L) was the third lowest historical observed over the last decade, while the Fall 2023 concentration of 1,500 µg/L was among the higher concentrations observed over the last decade.
  - Total VOCs – Total VOCs concentration in Spring 2023 (1,449 µg/L) was below the historical average over the past decade (approximately 5,000 µg/L) at this location, while the Fall 2023 concentration (8,950 µg/L) was above historical average over the past decade at this location.

- P-4
  - P-4 is located southwest of the manufacturing building and is within one of the two 2021 Sequestration Pilot Study areas.
  - TCE – The TCE concentration in Spring 2023 (2,100 µg/L) was the highest concentration observed at this location since 2019, similar to the Fall 2023 (2,300 µg/L). Both of these results were an order of magnitude higher than the anomalously low Fall 2022 concentration (100 µg/L).
  - Total 1,2-DCE – Total 1,2-DCE concentration in Spring 2023 (650 µg/L) and Fall 2023 (910 µg/L) have increased compared to the previous results, although both concentrations were within the historical range of the last decade.
  - Total VOCs – The total VOCs concentrations in Spring 2023 (2,776 µg/L) and Fall 2023 (3,236 µg/L) were above the average for the last decade (1,840 µg/L) The Fall 2023 Total VOCs concentration is within the historical range of concentrations observed at this location.

- PW-1
    - PW-1 is a recovery well located immediately south of the western-third of the Pyrotek manufacturing building.
    - TCE – The TCE concentrations in Spring 2023 (4,600 µg/L) and Fall 2023 (12,000 µg/L) were higher than the historical average over the past decade (2,283 µg/L). The Fall concentration was the highest value since Spring 2021. Concentrations at this location are noted to be variable.
    - Total 1,2-DCE – Total 1,2-DCE concentrations in Spring 2023 (610 µg/L) and Fall 2023 (2,500 µg/L) were higher than the historical average over the last decade (568 µg/L). The Fall concentration was the second highest value over the last decade. Concentrations at this location are historically variable.
    - Total VOCs – Total VOCs concentration in Spring 2023 (5,210 µg/L) was above the recent historical range at this location (since 2013) and Fall 2023 (14,500 µg/L) was the second highest value over the last decade, after the Spring 2021 (17,200 µg/L). Concentrations at this location are noted to be variable.
- PW-3
    - PW-3 is located north of the manufacturing building and within one of the two 2021 Sequestration Pilot Study areas.
    - Total TCE – Spring 2023 concentration (11,000 µg/L) was well above the historical average over the last decade (1,597 µg/L), while the Fall 2023 concentration (1,400 µg/L) was below this average. VOC concentrations in PW-3 are historically variable.
    - Total 1,2-DCE – Spring 2023 (5,700 µg/L) and Fall 2023 (2,000 µg/L) 1,2-DCE concentrations were both above the historical average over the last decade at this location (1,292 µg/L). VOC concentrations in PW-3 are noted to be variable.
    - Total VOCs – The Spring 2023 total VOCs concentration of 17,430 µg/L was above the historical average over the last decade (3,077 µg/L) and the highest observed since Spring 2021. The Fall 2023 total VOCs concentration of 3,530 µg/L was marginally higher than the historical average over the last decade.
- PW-4
    - TCE – Both the Spring 2023 TCE concentration (40 µg/L) and the Fall 2023 concentration (350 µg/L) were lower than the concentration observed in Fall 2022 (240 µg/L).
    - Total VOCs – Both the Spring 2023 total VOCs concentration of 56 µg/L and the Fall 2023 concentraion of 393 µg/L were below the Fall 2023 concentration of 2,068 µg/L and within the historical range over the last decade.
    - A strong correlation between water elevation above the top of bedrock and lower total VOC concentrations can be seen on the time series plot for well PW-3 in Appendix C.

5.2.3 Deeper Bedrock Groundwater

VOC concentrations in deeper bedrock groundwater zones (Zones 2, 3, and 4) were typically orders of magnitude lower than those in the TOR zone and bedrock Zone 1. Concentrations in Zones 2, 3, and 4 also tend to fluctuate less than those in the TOR zone and Zone 1. The wells sampled from

Zones 3 and 4 in Spring 2023 were consistent with historical results. The Fall 2023 sampling set contains only B-50M in Zone 2 and no wells in deeper Zones 3, 4, or 5. Concentrations at B-50M were within historical range. Results for these zones are presented on Figure 12 and discussed below.

Zone 2

- B-39M (sampled Spring only)
    - TCE – Spring 2023 TCE concentration (5.2 µg/L) was consistent with historical data.
    - Total 1,2-DCE – Spring 2023 total 1,2-DCE concentration of 1.4 µg/L was consistent with previous results.
    - Total VOCs – Total VOCs concentration of 6.6 µg/L was higher than Spring 2022 (3.99 µg/L).
- B-46M (sampled Spring only)
    - TCE – Spring 2023 TCE concentration (110 µg/L) was above the average over the past decade (36 µg/L) and the highest concentration recorded at this location.
    - Total VOCs – Total VOCs concentration of 191 µg/L was above Spring 2022 (109 µg/L), above average over the last decade (87 µg/L) and the highest concentration recorded at this location.
- B-50M
    - TCE – The Spring 2023 TCE concentration of 140 µg/L and the Fall 2023 concentration of 150 µg/L were slightly higher than the Spring 2022 (130 µg/L) and Fall 2022 (110 µg/L) concentrations. These events were the highest concentrations observed at this location.
    - Total 1,2-DCE – Total 1,2-DCE concentrations in Spring 2023 (31 µg/L) and Fall 2023 (29 µg/L) were the highest concentrations observed at this location.
    - Total VOCs – Total VOCs concentrations in Spring 2023 (171 µg/L) and Fall 2023 (179 µg/L) were both the highest concentrations observed at this location.
- B-56M (Sampled Spring only)
    - TCE – Spring 2023 TCE concentration of 170 µg/L was higher than Spring 2022 (120 µg/L), and above the long-term average at this location (109 µg/L since 2013), but within the range observed at this location over the past decade.
    - Total VOCs – The 2023 Total VOCs concentration of 206 µg/L was greater than Spring 2022 (142 µg/L). The Spring 2023 concentration was within the historical range and below the long-term average at this location (126 µg/L since 2013).

5.2.4 Niagara Quarry Seep and Pond Sampling

In conjunction with groundwater monitoring, a ponded water sample was collected at the Niagara Quarry on March 21, 2023 and October 19, 2023.

No analytes were detected in Spring and Fall 2023. These results are consistent with historical results. In previous communications with the landowner, NYSDEC has indicated that there appears to be no health risk associated with the quarry seeps. Monitoring of VOC concentrations in the quarry during the semi-annual sampling will continue through 2024.

5.3 Future Sampling and Analysis

Scheduled activities for the 2024 annual period include the following:

- Quarterly water level measurements in monitoring and recovery wells.
- Assess damage to well B-51M and evaluate measures to repair it.
- Continued groundwater recovery from wells PW-1, PW-3, P-2, P-3, and P-4 and Vaults 1 and 3 in the VWCC.
- Continued pre-treatment of VWCC water by filtering at the onsite treatment plant prior to entering the groundwater treatment train at the primary influent tank (T-801).
- Semi-annual and Annual sampling and chemical analysis of selected monitoring wells and recovery wells as identified in Table 4.
- Semi-annual sampling of VWCC equalization tank T-002.
- Semi-annual sampling of Niagara Quarry ponded water.
- Natural attenuation field and laboratory parameters may be collected from select wells to support evaluation of potential remedy enhancements at the Site. The parameters will be dependent on the remedial technology(s) being evaluated, but will likely include geochemical and/or microbial analyses similar to those monitored during the Sequestration Pilot Study. AECOM will inform NYSDEC of any proposed additional sampling prior to the sampling event.
- Evaluation of remedial alternatives to address residual VOC contamination in TOR and Zone 1 groundwater.

6.0 Health, Safety, Security, and Environment

The site health and safety program was undertaken in accordance with OSHA 1910.120 and was restricted to Level D protection requirements during non-intrusive activities.

6.1 Site Health, Safety, Security, and Environment Plan

Contractors assigned to the remediation efforts operated under the provisions of the site Health and Safety Plan (HASP). AECOM initially developed a site-specific HASP for AECOM employees effective March 2016. Subsequently, the current AECOM updated site-specific HASP for AECOM employees is effective as of December 2021. New personnel assigned to the Site are given a health and safety orientation that includes a review of the HASP.

6.2 Performance Report

During 2023, no accidents or incidents occurred at the Site. A summary of the AECOM labor hours worked relative to reportable accidents, injuries, incidents and releases during the 2023 annual period is shown below (includes both onsite and offsite support time):

- Total Site Labor Hours Worked (AECOM): 918
- Total Hours without accident, incident, or release: 1,129
- Reportable Accidents or Injuries: None
- Reportable OSHA Incidents: None
- Reportable Quantities Released: None

7.0 Conclusions

In accordance with the Site's decision documents and the OM&M Manual (Parsons, 2006b; revised April 2015), and based on the discussion herein, the following conclusions can be drawn for the review period of January 1 through December 31, 2023.

- The operations and maintenance requirements were met during the period.
- The monitoring requirements for the site were met during the period.
- Operation of the GRS continued throughout the period to facilitate migration control and continuous source control within the TOR and bedrock Zone 1.
- Operation of the GRS continued to maintain the capture zones in the vicinity of the extraction wells.
- Issues related to exceedances in the SPDES discharge have been evaluated and will be addressed in 2024.
- Collection of water from the two remaining sumps at the Metaullics facility remains operational.

The IC/EC Certification Form documenting that site management requirements have been met during the period is provided in Appendix A of this report. In NYSDEC's letter dated February 26, 2016, NYSDEC requested that a Site Management Plan (SMP) be developed for the site. The SMP is under development pending potential additional in-situ remedy enhancements and will include the groundwater monitoring program presented in Table 4 of this PRR. The SMP will be completed using the most recent NYSDEC SMP template.

8.0 References

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Tables

Table 1

Recovery Well Specifications
Former Carborundum Facility
Sanborn, New York

Well	Revision Date	Grundfos Pump Model Number	Revised Well Bottom Depth (ft)	Approximate Intake Depth (ft)	Target Water Level Depth (ft)	Revised Set Points		
						On/Off	Depth	Range
P-2	9/13/2010	5S03-9 0.5 hp - 5 gpm	26.4	24.4	21.9	On Off	18.9 21.9	3.0
P-3	9/13/2010	5S03-9 0.5 hp - 5 gpm	33.7	31.7	30	On Off	26.2 30.0	3.8
P-4	9/13/2010	5S03-9 0.5 hp - 5 gpm	34.2	34.2	30.2	On Off	26.7 30.2	3.5
PW-1	9/13/2010	25S15-20 1.5 hp - 25 gpm	29.8	29.8	24.8	On Off	21.8 24.8	3.0
PW-3	9/13/2010	5S03-9 0.5 hp - 5 gpm	18.2	18.2	14.2	On Off	10.2 14.2	4.0
PW-4	9/13/2010	75S75-12 5 hp - 120 gpm	30.8	30.8	23.3	On Off	20.8 23.3	2.5

Revised 1/27/2011
Depths are feet below grade
hp: Horsepower
gpm: Gallons per minute

Table 2

Groundwater Remediation System Performance Summary
Former Carborundum Facility
Sanborn, New York

Well	Category	Units	January 2023	February 2023	March 2023	April 2023	May 2023	June 2023	July 2023	August 2023	September 2023	October 2023	November 2023	December 2023	Annual Total 2023
		Days	31	28	31	30	31	30	31	31	30	31	30	31	365
P-2															
	Uptime	(%)	100%	100%	100%	99%	100%	100%	100%	100%	100%	100%	100%	84%	99%
	Average Flow	(gpm)	1.5	1.0	1.1	1.3	0.9	0.8	0.9	1.1	0.8	0.9	0.5	0.7	1.0
	Total Flow	(gal)	66,151	41,903	48,579	55,881	39,714	33,066	40,045	47,195	36,532	40,865	22,140	29,474	501,545
	VOC Concentration	(ppb)	8,282	8,282	8,282	1,449	1,449	1,449	1,449	1,449	1,449	8,950	8,950	8,950	NA
	Total Contaminant removed	(lbs)	4.6	2.9	3.4	0.7	0.5	0.4	0.5	0.6	0.4	3.1	1.7	2.2	20.8
	% of Total Flow		2.63%	1.87%	2.17%	2.13%	1.85%	1.52%	1.70%	2.82%	2.40%	1.88%	1.57%	1.96%	2.04%
P-3															
	Uptime	(%)	100%	100%	100%	99%	100%	100%	100%	100%	100%	100%	100%	100%	100%
	Average Flow	(gpm)	0.03	0.03	0.03	0.04	0.02	0.02	0.03	0.03	0.02	0.02	0.01	0.01	0.02
	Total Flow	(gal)	1,281	1,076	1,378	1,660	1,056	842	1,513	1,204	974	994	485	521	12,984
	VOC Concentration	(ppb)	37	37	37	49	49	49	49	49	49	29	29	29	NA
	Total Contaminant removed	(lbs)	0.0004	0.0003	0.0004	0.001	0.0004	0.0003	0.001	0.0005	0.0004	0.0002	0.0001	0.0001	0.005
	% of Total Flow		0.05%	0.05%	0.06%	0.06%	0.05%	0.04%	0.06%	0.07%	0.06%	0.05%	0.03%	0.03%	0.05%
P-4															
	Uptime	(%)	100%	100%	100%	13%	0%	77%	100%	100%	100%	100%	100%	100%	83%
	Average Flow	(gpm)	0.63	0.45	0.57	0.13	0.00	0.05	0.06	0.20	0.09	0.07	0.05	0.09	0.20
	Total Flow	(gal)	28,013	18,032	25,360	5,787	-	2,176	2,659	8,715	3,998	3,312	2,277	4,205	104,534
	VOC Concentration	(ppb)	166	166	166	2,776	2,776	2,776	2,776	2,776	2,776	3,236	3,236	3,236	NA
	Total Contaminant removed	(lbs)	0.04	0.03	0.04	0.13	0.00	0.05	0.06	0.20	0.09	0.09	0.06	0.11	0.9
	% of Total Flow		1.11%	0.81%	1.13%	0.22%	0.00%	0.10%	0.11%	0.52%	0.26%	0.15%	0.16%	0.28%	0.41%
PW-1															
	Uptime	(%)	100%	100%	100%	99%	100%	100%	100%	100%	100%	100%	100%	100%	100%
	Average Flow	(gpm)	54.1	53.9	48.3	59.1	47.0	49.6	51.7	36.2	34.3	47.8	32.1	32.9	45.6
	Total Flow	(gal)	2,413,937	2,171,703	2,156,997	2,555,088	2,098,449	2,143,254	2,308,480	1,615,908	1,481,873	2,133,397	1,388,225	1,470,862	23,938,173
	VOC Concentration	(ppb)	1,780	1,780	1,780	5,210	5,210	5,210	5,210	5,210	5,210	14,500	14,500	14,500	NA
	Total Contaminant removed	(lbs)	35.8	32.2	32.0	111.0	91.2	93.1	100.3	70.2	64.4	258.0	167.9	177.9	1234.1
	% of Total Flow		96.05%	97.11%	96.46%	97.43%	98.00%	98.31%	98.05%	96.40%	97.16%	97.89%	98.21%	97.61%	97.39%
PW-3															
	Uptime	(%)	100%	100%	100%	99%	100%	100%	100%	100%	100%	100%	100%	100%	100%
	Average Flow	(gpm)	0.09	0.09	0.09	0.10	0.05	0.02	0.04	0.07	0.04	0.02	0.01	0.04	0.05
	Total Flow	(gal)	3,901	3,588	3,951	4,122	2,077	694	1,665	3,151	1,879	898	459	1,802	28,187
	VOC Concentration	(ppb)	1,208	1,208	1,208	17,430	17,430	17,430	17,430	17,430	17,430	3,530	3,530	3,530	NA
	Total Contaminant removed	(lbs)	0.04	0.04	0.04	0.60	0.30	0.10	0.24	0.46	0.27	0.03	0.01	0.05	2.2
	% of Total Flow		0.16%	0.16%	0.18%	0.16%	0.10%	0.03%	0.07%	0.19%	0.12%	0.04%	0.03%	0.12%	0.11%
Vaults (T-002)															
	Uptime	(%)	100%	100%	100%	99%	100%	100%	100%	100%	100%	100%	100%	100%	100%
	Average Flow	(gpm)	1.1	0.7	1.0	0.9	0.3	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.3
	Total Flow	(gal)	48,668	28,877	43,921	37,603	12,457	-	-	41	-	4,066	112	958	176,703
	VOC Concentration	(ppb)	454	454	454	1,780	1,780	1,780	1,780	1,780	1,780	1,519	1,519	1,519	NA
	Total Contaminant removed	(lbs)	0.2	0.1	0.2	0.6	0.2	0.0	0.0	0.0	0.0	0.1	0.0	0.0	1.3
	% of Total Flow		1.94%	1.29%	1.96%	1.43%	0.58%	0.00%	0.00%	0.00%	0.00%	0.19%	0.01%	0.06%	0.62%
Well Head															
	Average Flow	(gpm)	56	55	50	61	48	50	53	38	35	49	33	34	47
	Total Flow-Well heads	(gal)	2,513,283	2,236,302	2,236,265	2,622,538	2,141,296	2,180,032	2,354,362	1,676,173	1,525,256	2,179,466	1,413,586	1,506,864	24,585,423
Groundwater Remediation System Total															
	Uptime	(%)	100%	100%	100%	85%	83%	96%	100%	100%	100%	100%	100%	97%	97%
	Average Flow	(gpm)	26.7	37.5	26.7	24.8	32.2	32.7	29.6	27.3	23.7	24.4	23.8	24.4	27.8
	Total Flow-PLC Meter	(gal)	1,192,224	1,513,420	1,190,889	1,070,594	1,435,300	1,410,545	1,320,577	1,219,889	1,025,864	1,091,045	1,028,423	1,090,857	14,589,628
	VOCs to Influent	(ppm)	11.9	11.9	11.9	28.7	28.7	28.7	28.7	28.7	28.7	31.8	31.8	31.8	25
	Total Contaminant Removed	(lbs)	40.7	35.3	35.6	113.0	92.1	93.7	101.1	71.4	65.2	261.2	169.6	180.3	1,259.2

Notes:

1. For the trailing twelve month period ending 12/31/23.
2. Uptimes are estimated and reflect potential uptime.
3. Flow rates are estimated throughout the period due to meter malfunctions.
4. VOC Concentration (see above) equals the sum of the chlorinated compounds.
5. Mass removed is based on the percentage of flow and concentrations of VOCs at the pumping wells.

gpm: Gallons per minute
gal: Gallons
ppm: Parts per million
lbs: Pounds

Table 3

Groundwater Elevation Data
2023 Quarterly Sampling Events
Former Carborundum Facility
Sanborn, New York

Monitoring Well ID	Zone Monitored[1]	Top of Riser Elevation (ft)	1Q Date 3/8/2023		2Q Date 6/13/2023		3Q Date 10/2/2023		4Q Date 1/11/2024	
			Water Level[2] (ft)	1st Quarter Groundwater Elevation (ft)	Water Level[2] (ft)	2nd Quarter Groundwater Elevation (ft)	Water Level[2] (ft)	3rd Quarter Groundwater Elevation (ft)	Water Level[2] (ft)	4th Quarter Groundwater Elevation (ft)
P-2	1	619.67	22.36	597.31	21.29	598.38	20.72	598.95	21.99	597.68
P-3	1	627.35	26.75	600.6	28.23	599.12	28.97	598.38	27.06	600.29
P-4	TOR, 1	624.45	29.10	595.35	27.35	597.10	27.31	597.14	28.70	595.75
PW-1	1	619.78	11.15	608.63	17.11	602.67	17.06	602.72	8.47	611.31
PW-3	TOR	618.28	8.62	609.66	11.69	606.59	10.81	607.47	12.45	605.83
PW-4	TOR, 1	620.84	4.71	616.13	11.69	609.15	13.55	607.29	4.71	616.13
B-3M	TOR	625.59	11.96	613.63	17.28	608.31	19.18	606.41	12.20	613.39
B-4M	TOR	622.24	15.90	606.34	21.23	601.01	21.87	600.37	18.10	604.14
B-5M	TOR	620.83	4.20	616.63	11.51	609.32	NM*	NA	6.45	614.38
B-6M	TOR, 1	615.69	2.80	612.89	8.20	607.49	11.66	604.03	2.87	612.82
B-7M	TOR	616.22	2.91	613.31	8.76	607.46	10.25	605.97	3.09	613.13
B-8M	TOR, 1	618.57	3.12	615.45	7.29	611.28	10.31	608.26	3.15	615.42
B-9M	TOR	623.03	5.79	617.24	11.03	612.00	12.95	610.08	6.34	616.69
B-10M	TOR, 1	626.05	5.75	620.30	17.32	608.73	14.19	611.86	6.24	619.81
B-11M	1	622.81	7.00	615.81	10.12	612.69	14.53	608.28	6.98	615.83
B-12M	TOR	622.17	8.25	613.92	14.18	607.99	16.38	605.79	8.23	613.94
B-13M	TOR, 1	626.70	17.19	609.51	22.57	604.13	23.27	603.43	17.67	609.03
B-14M	TOR	618.25	2.71	615.54	8.56	609.69	10.61	607.64	2.75	615.50
B-15M	TOR, 1	623.98	4.12	619.86	11.51	612.47	12.38	611.60	4.63	619.35
B-16M	TOR, 1	624.31	7.58	616.73	14.61	609.70	16.51	607.80	7.57	616.74
B-17M	TOR, 1	622.07	9.13	612.94	14.01	608.06	13.35	608.72	8.04	614.03
B-18M	3	618.69	3.35	615.34	10.15	608.54	11.62	607.07	3.65	615.04
B-19M	3	626.01	14.68	611.33	21.37	604.64	22.74	603.27	15.04	610.97
B-20M	3	615.32	3.92	611.40	9.27	606.05	13.41	601.91	4.12	611.20
B-21M	TOR, 1	622.56	5.95	616.61	12.85	609.71	16.60	605.96	6.04	616.52
B-22M	TOR, 1	622.29	16.39	605.90	27.11	595.18	27.56	594.73	17.26	605.03
B-23M	TOR, 1	617.71	15.26	602.45	24.79	592.92	24.91	592.80	16.30	601.41
B-24M	TOR, 1	617.24	7.35	609.89	13.13	604.11	14.18	603.06	7.75	609.49
B-25M	TOR	619.31	7.69	611.62	13.32	605.99	16.80	602.51	8.00	611.31
B-26M	TOR, 1	618.06	5.58	612.48	11.11	606.95	15.22	602.84	5.75	612.31
B-27M	TOR, 1	626.04	9.83	616.21	16.72	609.32	18.51	607.53	9.81	616.23
B-28M	1	622.62	16.02	606.60	22.11	600.51	22.61	600.01	16.76	605.86
B-29M	1 2	618.31	20.36	597.95	28.91	589.40	29.58	588.73	29.45	588.86
B-31M	3	613.78	4.70	609.08	9.07	604.71	12.47	601.31	4.92	608.86
B-33M	1	612.43	15.23	597.20	22.65	589.78	23.09	589.34	15.79	596.64
B-37M	TOR	616.90	3.99	612.91	6.29	610.61	13.08	603.82	3.30	613.60
B-38M	1 2	609.81	25.94	583.87	2.70	607.11	28.29	581.52	26.10	583.71
B-39M	2	626.12	9.41	616.71	16.44	609.68	18.32	607.80	9.45	616.67
B-40M	3	626.23	10.38	615.85	17.20	609.03	19.03	607.20	10.64	615.59
B-41M	4	626.31	11.48	614.83	18.10	608.21	19.84	606.47	11.94	614.37
B-42M	2	623.76	7.35	616.41	14.38	609.38	16.16	607.60	7.35	616.41
B-43M	3	623.64	9.40	614.24	16.02	607.62	17.71	605.93	9.64	614.00
B-44M	4	623.29	10.82	612.47	17.26	606.03	18.79	604.50	10.98	612.31
B-45M	1	612.12	12.78	599.34	21.24	590.88	24.52	587.60	14.25	597.87
B-46M	2	613.46	14.86	598.60	23.68	589.78	24.61	588.85	16.00	597.46
B-48M	2	625.40	9.19	616.21	16.27	609.13	18.02	607.38	9.25	616.15
B-49M	4	625.56	18.19	607.37	24.47	601.09	25.66	599.90	18.54	607.02
B-50M	2	616.47	3.75	612.72	9.38	607.09	14.08	602.39	3.88	612.59
B-51M	4	616.48	NM+	NA	NM+	NA	NM+	NA	NM+	NA
B-52M	TOR, 1	616.26	3.63	612.63	NM^	NA	12.66	603.60	3.75	612.51
B-53M	2	616.14	3.49	612.65	NM^	NA	12.91	603.23	6.34	609.80
B-54M	4	616.00	3.57	612.43	NM^	NA	13.05	602.95	3.76	612.24
B-55M	5	615.59	19.31	596.28	NM^	NA	26.84	588.75	19.90	595.69
B-56M	2	617.78	16.88	600.90	25.10	592.68	25.71	592.07	17.84	599.94
B-57M	2	617.80	18.29	599.51	26.78	591.02	27.45	590.35	19.70	598.10
B-58M	3	617.99	17.85	600.14	23.81	594.18	24.69	593.30	18.47	599.52
B-59M	4	625.53	13.13	612.40	19.37	606.16	24.92	600.61	13.23	612.30
B-60M	3	625.67	9.10	616.57	16.21	609.46	18.09	607.58	9.25	616.42
B-61M	2	625.72	7.94	617.78	15.75	609.97	17.55	608.17	8.14	617.58
B-62M	5	624.14	NM	NA	7.45	616.69	9.45	614.69	0.00	624.14
B-63M	1	624.04	6.85	617.19	14.05	609.99	15.80	608.24	6.98	617.06
B-64M	2	624.05	6.97	617.08	14.24	609.81	16.12	607.93	21.53	602.52
B-65M	3	623.98	7.55	616.43	13.52	610.46	16.35	607.63	7.75	616.23
B-66M	2	625.54	8.06	617.48	15.47	610.07	17.31	608.23	8.19	617.35
B-67M	1	625.59	7.77	617.82	14.89	610.70	16.57	609.02	7.89	617.70
PS-01	TOR	NM	2.15	NA	NM	NA	9.15	NA	NM	NA
PS-02	TOR	NM	NM	NA	NM	NA	12.11	NA	NM	NA

Notes:
1. Zone monitored indicates bedrock zone monitored, top of rock (TOR), 1, 2, 3, 4, or 5.
2. Data collected by AECOM.
NM - not measured
NA - not applicable
ft - feet
* - Well B-5M could not be located due to heavily overgrown vegetation around the well.
+ - Well B-51 M could not be gauged because of an obstruction in the well.
^ - Wells B-52M, B-53M, B-54M and B-55M were inaccessible due to track replacement work on the adjacent railroad track.

Table 4

Groundwater Monitoring Well Network and Sampling Frequency
Former Carborundum Facility
Sanborn, New York

Well No. [Notes 1, 2]	Annual Sampling (Spring)	Semi-annual Sampling (Fall)	Zone Monitored
B-3M	X [Note 3]	X	TOR
B-7M	X		TOR
B-9M	X	X	TOR
B-12M	X	X	TOR
B-14M	X		TOR
PW-3	Grab	Grab	TOR
B-16M	X		TOR,1
B-6M	X	X	TOR,1
B-8M	X		TOR,1
B-10M	X		TOR,1
B-13M	X		TOR,1
B-17M	X		TOR,1
B-21M	X	X	TOR,1
B-22M	X	X	TOR,1
B-23M	X	X	TOR,1
B-24M	X		TOR,1
B-52M	X		TOR,1
P-4	Grab	Grab	TOR,1
PW-4	Grab	Grab	TOR,1
B-11M	X		1
B-28M	X	X	1
B-32M / B-33M [Note 4]	X		1
P-2	Grab	Grab	1
P-3	Grab	Grab	1
PW-1	Grab	Grab	1
B-29M	X		1,2
B-38M	X	X	1,2
Quarry	Grab	Grab	1,2
B-39M	X		2
B-42M	X		2
B-46M	X		2
B-48M	X		2
B-50M	X	X	2
B-53M	X		2
B-56M	X		2
B-18M	X		3
B-19M	X		3
B-40M	X		3
B-43M	X		3
B-41M	X		4
B-44M	X		4
B-49M	X		4
T-002	Grab	Grab	-
	43	18	

Notes:
1. Wells to be sampled for VOCs only. MNA parameters may be added at a later date pending refinement of site conceptual model.
2. Groundwater levels are to be collected from all wells on a quarterly basis. All wells not shown here.
3. X indicates that groundwater sampling will be performed using low-flow sampling methods.
4. Well B-32M was found destroyed in spring 2018. Beginning in spring 2019, Well B-33M has been sampled in lieu of Well B-32M.

Table 5

Groundwater Sampling Field Parameter Data
Annual Sampling - Spring 2023
Former Carborundum Company
Wheatfield, New York

Monitoring Well ID	Date	Sample Time	Temperature (deg C)	Specific Conductance (mS/cm)	Dissolved Oyxgen (mg/L)	pH (standard units)	Oxidation Reduction Potential (mV)	Turbidity (NTU)	Comments
P-2	3/20/2023	12:45	10.9	0.830	7.26	6.95	-208.2	1.24	Pumping well
P-3	3/20/2023	12:00	11.7	1.266	6.27	6.53	-211.2	0.28	Pumping well
P-4	3/20/2023	12:10	12.3	1.218	8.59	6.74	-208.1	1.76	Pumping well
PW-1	3/20/2023	11:40	11.5	0.550	7.20	6.40	-203.4	1.66	Pumping well
PW-3	3/20/2023	13:20	10.4	1.907	2.64	6.77	-263.4	2.54	Pumping well
PW-4	3/20/2023	12:55	9.1	0.824	2.75	6.74	-267.8	1.70	Pumping well
B-3M	3/20/2023	10:20	9.3	2.356	2.04	7.38	57.4	11.62	
B-6M	3/24/2023	10:25	8.0	1.115	0.74	7.30	-190.0	25.15	
B-7M	3/23/2023	9:43	8.9	0.908	0.20	7.11	-43.9	33.18	
B-8M	3/23/2023	12:07	9.6	2.293	0.09	7.57	-180.5	6.78	
B-9M	3/23/2023	9:50	7.9	0.520	0.79	7.10	-276.9	4.80	
B-10M	3/23/2023	13:45	9.8	2.065	2.24	7.23	-296.4	5.80	
B-11M	3/23/2023	11:18	9.6	3.213	4.39	7.16	67.8	7.01	
B-12M	3/23/2023	15:54	8.5	0.678	0.23	7.20	49.1	10.09	
B-13M	3/20/2023	12:45	9.8	0.890	3.17	7.26	-47.9	8.99	
B-14M	3/23/2023	10:29	9.2	0.831	2.11	7.14	28.1	14.25	
B-16M	3/23/2023	15:00	8.9	1.788	10.08	7.68	-263.2	47.3	
B-17M	3/21/2023	15:32	10.3	0.785	0.95	6.97	-165.6	181.23	
B-18M	3/23/2023	13:10	11.4	1.055	0.13	7.25	-135.9	13.86	
B-19M	3/20/2023	11:25	10.9	1.690	0.39	7.12	-75.1	1.02	
B-21M	3/21/2023	12:10	11.2	1.274	0.75	7.32	-399.2	4.01	
B-22M	3/21/2023	13:06	12.0	1.214	2.79	7.40	-388.4	7.95	
B-23M	3/22/2023	15:25	10.8	1.126	1.96	7.13	52.4	14.66	
B-24M	3/22/2023	15:05	9.3	0.949	0.76	7.04	-186.9	3.03	
B-28M	3/21/2023	14:05	11.3	0.846	1.12	7.55	-400.7	12.98	
B-29M	3/22/2023	14:34	11.0	1.743	0.19	7.03	-142.1	50.09	
B-33M	3/22/2023	16:42	10.4	1.145	0.15	6.99	28.6	23.50	
B-38M	3/21/2023	11:05	10.0	1.331	1.55	7.38	-395.0	24.84	
B-39M	3/23/2023	10:55	10.8	0.887	0.98	7.15	-293.7	27.35	
B-40M	3/23/2023	11:50	11.4	1.652	0.69	7.10	-349.7	7.31	
B-41M	3/23/2023	12:50	11.4	0.970	0.72	7.37	-341.9	27.32	
B-42M	3/21/2023	15:15	11.0	0.943	0.71	7.47	-395.2	3.26	
B-43M	3/21/2023	16:30	11.5	1.551	0.72	7.50	-424.8	38.08	
B-44M	3/21/2023	16:26	11.6	2.670	0.07	7.22	-335.8	3.64	
B-46M	3/22/2023	16:15	10.4	1.142	0.82	7.05	-197.0	33.33	
B-48M	3/20/2023	14:40	10.1	0.870	0.46	7.15	-148.3	14.71	
B-49M	3/20/2023	13:55	10.2	2.639	0.11	7.00	-309.2	10.13	
B-50M	3/24/2023	11:10	8.9	0.660	0.70	7.14	-186.7	5.68	
B-52M	3/24/2023	10:11	8.0	0.883	0.20	7.13	67.1	13.20	
B-53M	3/24/2023	10:48	9.0	0.686	0.10	7.22	67.9	4.19	
B-56M	3/22/2023	14:20	10.7	1.317	0.74	6.99	-196.4	15.47	
Tank-002	3/20/2023	11:15	10.3	1.458	8.53	6.93	-194.3	3.18	Equalization tank
QUARRY	3/21/2023	8:50	4.8	0.936	12.87	6.88	-351.3	2.18	Pond sample

Notes:
deg C - degrees Celcius
mS/cm - milliSiemens per centimeter
mg/L - milligrams per Liter
mV - milliVolts
NTU - nephelometric turbidity unit
NA - not applicable

Table 6

Summary of Analytical Results
Annual Sampling - Spring 2023
Former Carborundum Facility
Sanborn, New York

Well ID	Lab Sample ID	Sample Date	Carbon tetrachloride (µg/L)	Chloroform (µg/L)	1,1-Dichloroethane (µg/L)	1,1-Dichloroethene (µg/L)	Methylene chloride (µg/L)	trans-1,2-Dichloroethene (µg/L)	cis-1,2-Dichloroethene (µg/L)	1,1,1-Trichloroethane (µg/L)	Trichloroethene (µg/L)	Tetrachloroethene (µg/L)	Vinyl chloride (µg/L)
		Criteria [1]	5	7	5	5	5	5	5	5	5	5	2
B- 3M	240-182590-1	3/20/2023	ND	ND	53	ND	ND	ND	740	ND	2200	ND	ND
B- 3M (DUP-1)	240-182590-44	3/20/2023	ND	ND	57 J	ND	ND	ND	780	ND	2300	ND	ND
B- 6M	240-182590-8	3/24/2023	ND	ND	ND	ND	ND	0.84 J	28	ND	270	ND	ND
B- 7M	240-182590-16	3/23/2023	ND	ND	ND	ND	ND	ND	1.1	ND	3.3	ND	ND
B- 8M	240-182590-22	3/23/2023	ND	ND	ND	ND	ND	ND	21000	ND	14000	ND	3000
B- 9M	240-182590-3	3/23/2023	ND	ND	ND	ND	ND	ND	ND	ND	0.64 J	ND	ND
B-10M	240-182590-23	3/23/2023	ND	ND	ND	ND	ND	ND	1.2	1.7	13	ND	ND
B-11M	240-182590-28	3/23/2023	ND	ND	ND	ND	ND	ND	7.3	ND	98	5.2	ND
B-12M	240-182590-4	3/23/2023	ND	ND	ND	ND	ND	ND	29	ND	160	ND	ND
B-13M	240-182590-24	3/20/2023	ND	ND	1.3 J	ND	ND	ND	66	ND	9.5	ND	11
B-14M	240-182590-17	3/23/2023	ND	ND	ND	ND	ND	ND	3.3	ND	34	0.51 J	ND
B-16M	240-182590-20	3/23/2023	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
B-17M	240-182590-25	3/21/2023	ND	ND	ND	ND	ND	ND	1500	ND	780	ND	650
B-18M	240-182590-37	3/23/2023	ND	ND	ND	ND	ND	ND	98	ND	ND	ND	22
B-19M	240-182590-38	3/20/2023	ND	ND	ND	ND	ND	ND	1.7	ND	ND	ND	1
B-21M	240-182590-13	3/21/2023	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
B-22M	240-182590-14	3/21/2023	ND	ND	ND	ND	ND	1.8 J	51	ND	23	ND	ND
B-23M	240-182590-15	3/22/2023	ND	ND	ND	ND	ND	ND	77	ND	170	ND	ND
B-24M	240-182590-26	3/22/2023	ND	ND	ND	ND	ND	ND	0.96 J	ND	3.9	ND	ND
B-28M	240-182590-21	3/21/2023	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
B-29M	240-182590-30	3/22/2023	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
B-33M	240-182590-29	3/22/2023	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
B-38M	240-182590-9	3/21/2023	ND	ND	0.86 J	1.1	ND	0.86 J	44	ND	36	ND	2.2
B-39M	240-182590-31	3/23/2023	ND	ND	ND	ND	ND	ND	1.4	ND	5.2	ND	ND
B-40M	240-182590-39	3/23/2023	ND	ND	ND	ND	ND	0.61 J	4.5	ND	4.5	ND	ND
B-41M	240-182590-41	3/23/2023	ND	ND	ND	ND	ND	ND	9.5	ND	ND	ND	3.5
B-42M	240-182590-32	3/21/2023	ND	ND	ND	ND	ND	0.70 J	5.9	ND	3.2	ND	ND
B-43M	240-182590-40	3/21/2023	ND	ND	ND	ND	ND	ND	3.4	ND	ND	ND	5.3
B-44M	240-182590-42	3/21/2023	ND	ND	3.1	ND	ND	ND	4.2	ND	ND	0.83 J	1.7
B-46M	240-182590-33	3/21/2023	ND	ND	ND	ND	ND	ND	78	ND	110	ND	2.6 J
B-48M	240-182590-34	3/20/2023	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
B-49M	240-182590-43	3/20/2023	ND	ND	ND	ND	ND	ND	0.61 J	ND	ND	ND	ND
B-50M	240-182590-11	3/24/2023	ND	ND	ND	ND	ND	ND	31	ND	140	ND	ND
B-52M	240-182590-27	3/24/2023	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
B-53M	240-182590-35	3/24/2023	ND	ND	ND	ND	ND	ND	2.6	ND	2.5	ND	0.50 J
B-56M	240-182590-36	3/22/2023	ND	ND	ND	ND	ND	ND	36	ND	170	ND	ND
FIELDQC	240-182590-46	3/24/2023	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
FIELDQC	240-182590-47	3/24/2023	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
FIELDQC	240-182590-48	3/24/2023	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
FIELDQC	240-182590-49	3/24/2023	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
P- 2	240-182590-2	3/20/2023	ND	ND	100	19 J	ND	ND	140	810	380	ND	ND
P- 3	240-182590-5	3/20/2023	ND	ND	ND	ND	ND	2.7	39	ND	4	ND	2.8
P- 4	240-182590-18	3/20/2023	ND	ND	26 J	ND	ND	ND	650	ND	2100	ND	ND
PW- 1	240-182590-7	3/20/2023	ND	ND	ND	ND	ND	ND	610	ND	4600	ND	ND
PW- 3	240-182590-6	3/20/2023	ND	ND	ND	ND	ND	ND	5700	ND	11000	ND	730
PW- 4	240-182590-19	3/20/2023	ND	ND	0.63 J	ND	ND	ND	8.7	7	40	ND	ND
QUARRY POND	240-182590-10	3/21/2023	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
QUARRY POND (DUP-2)	240-182590-45	3/21/2023	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
T-002	240-182590-12	3/20/2023	ND	ND	ND	ND	ND	ND	580	ND	1200	ND	ND

Notes:
(1) NYSDEC TOGS (1.1.1), Ambient Water Quality Standars and Guidance Vlaues and Groundwater Effluent Limitations, April 2000, Class GA.
µg/L - microgram per liter
BOLD - detected above criteria.
J - Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.
D - Result reported from a secondary dilution.
ND - not detected
DUP - Field Duplicate

Table 7

Groundwater Sampling Field Parameter Data
Semi-Annual Sampling - Fall 2023
Former Carborundum Company
Wheatfield, New York

Monitoring Well ID	Date	Time	Temperature (deg C)	Specific Conductance (mS/cm)	Dissolved Oyxgen (mg/L)	pH (standard units)	Oxidation Reduction Potential (mV)	Turbidity (NTU)	Comments
B- 3M	10/18/2023	12:10	12.1	1.780	0.08	7.18	22.0	4.80	
B- 6M	10/20/2023	10:03	12.2	1.680	0.00	6.56	-1.0	12.90	
B- 9M	10/20/2023	9:30	12.5	7.210	0.00	6.48	180.0	0.00	
B-12M	10/18/2023	13:45	13.4	0.850	0.00	6.45	107.0	7.10	
B-21M	10/19/2023	11:40	14.4	0.763	4.15	6.55	148.0	22.10	
B-22M	10/19/2023	12:50	13.2	1.330	0.52	6.66	30.0	41.30	
B-23M	10/19/2023	14:40	14.4	0.986	0.00	6.58	51.0	2.10	
B-28M	10/19/2023	13:35	12.7	0.646	1.12	6.66	72.0	43.80	
B-38M	10/19/2023	10:40	11.0	1.420	10.39	6.74	149.0	0.00	
B-50M	10/20/2023	11:20	11.5	0.797	0.00	6.63	17.0	0.00	
P- 2	10/18/2023	9:35	14.0	1.830	8.43	6.82	186.0	7.70	Pumping well
P- 3	10/18/2023	10:35	12.2	1.090	8.88	6.72	152.0	4.00	Pumping well
P- 4	10/18/2023	10:50	12.0	1.110	9.16	6.63	167.0	17.10	Pumping well
PW- 1	10/18/2023	10:10	14.1	0.801	8.50	6.81	1.6	14.50	Pumping well
PW- 3	10/18/2023	9:15	15.0	1.080	8.49	7.13	177.0	10.60	Pumping well
PW- 4	10/18/2023	9:50	14.7	0.416	8.05	7.50	135.0	129.00	Pumping well
QUARRY POND	10/19/2023	9:30	10.9	1.720	5.94	5.59	178.0	69.80	Pond sample
T-002	10/18/2023	8:50	15.8	1.950	8.20	6.69	211.0	7.60	Equalization tank

Notes:
ID - identification
deg C - degrees Celcius
mS/cm - milli Siemens per centimeter
NTU - nephelometric turbidity unit
NA - not applicable
NM - not measured

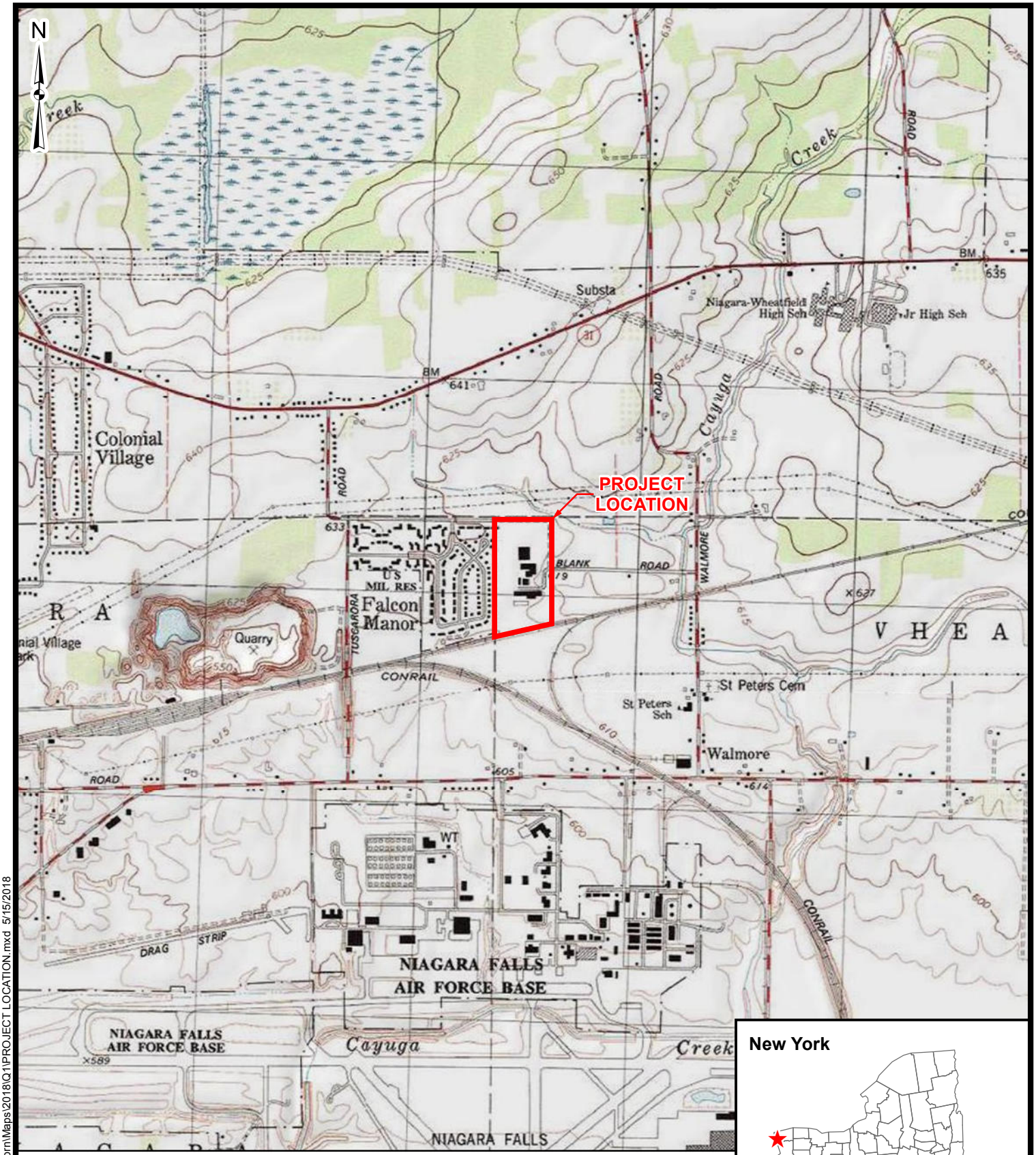
Table 8

Summary of Analytical Results
Semi-Annual Sampling - Fall 2023
Former Carborundum Facility
Sanborn, New York

Well ID	Lab Sample ID	Sample Date	Carbon tetrachloride (µg/L)	Chloroform (µg/L)	1,1-Dichloroethane (µg/L)	1,1-Dichloroethene (µg/L)	Methylene chloride (µg/L)	trans-1,2-Dichloroethene (µg/L)	cis-1,2-Dichloroethene (µg/L)	1,1,1-Trichloroethane (µg/L)	Trichloroethene (µg/L)	Tetrachloroethene (µg/L)	Vinyl chloride (µg/L)
		Criteria [1]	5	7	5	5	5	5	5	5	5	5	2
B- 3M	240-194049-8	10/18/2023	ND	ND	ND	ND	ND	ND	600	ND	960	ND	ND
B- 3M (DUP-20231018)	240-194049-10	10/18/2023	ND	ND	ND	ND	ND	ND	580	ND	930	ND	ND
B- 6M	240-194049-18	10/20/2023	ND	ND	ND	ND	ND	ND	2.5	ND	24	ND	ND
B- 9M	240-194049-17	10/20/2023	ND	ND	ND	ND	ND	ND	ND	ND	1.2	0.96 J	ND
B-12M	240-194049-9	10/18/2023	ND	ND	ND	ND	ND	ND	110	ND	630	ND	ND
B-21M	240-194049-13	10/19/2023	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
B-22M	240-194049-14	10/19/2023	ND	ND	0.96 J	ND	ND	1.4 J	57	ND	49	ND	2.8
B-23M	240-194049-16	10/19/2023	ND	ND	ND	ND	ND	ND	120	ND	7.5	ND	54
B-28M	240-194049-15	10/19/2023	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
B-38M	240-194049-12	10/19/2023	ND	ND	0.61 J	0.69 J	ND	ND	30	ND	17	ND	2.4
B-50M	240-194049-19	10/20/2023	ND	ND	ND	ND	ND	ND	29	ND	150	ND	ND
P- 2	240-194049-3	10/18/2023	ND	ND	110	35	ND	12 J	1500	950	6300 D	ND	43
P- 3	240-194049-6	10/18/2023	ND	ND	ND	ND	ND	2.4	22	ND	2.5	ND	2.1
P- 4	240-194049-7	10/18/2023	ND	ND	26 J	ND	ND	ND	910	ND	2300	ND	ND
PW- 1	240-194049-5	10/18/2023	ND	ND	ND	ND	ND	ND	2500	ND	12000 D	ND	ND
PW- 3	240-194049-2	10/18/2023	ND	ND	ND	ND	ND	ND	2000	ND	1400	ND	130
PW- 4	240-194049-4	10/18/2023	ND	ND	1.6	ND	ND	ND	37	3.2	350 D	0.83 J	ND
QUARRY POND	240-194049-11	10/19/2023	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
T-002	240-194049-1	10/18/2023	ND	ND	13	ND	ND	ND	710	ND	740	5.4 J	51

Notes:
µg/L - microgram per liter
BOLD - detected above criteria.
ID - identification
J - Result is less than the reporting limit but greater than or equal to the method detection limit and the concentration is an approximate value.
D - The result is being reported from a secondary dilution
NA - not analyzed
ND - not detected

Figures



Source: USA Topo Maps, ESRI Map Service;
1:24,000-scale USGS Topographic Map,
Ransomville, 1996
Tonawanda West, 1996

2,000 0 2,000 Feet

AECOM

FORMER CARBORUNDUM FACILITY
SANBORN, NEW YORK
PROJECT LOCATION PLAN

FIGURE 1

J:\Projects\60481767_BPIP\MISC\GIS\Sanborn\Maps\2018\Q1\PROJECT LOCATION.mxd 5/15/2018

Legend

- Monitoring Well
- Monitoring Well (Abandoned)
- Recovery Well
- Recovery Well (Abandoned)

Source: ESRI World Imagery

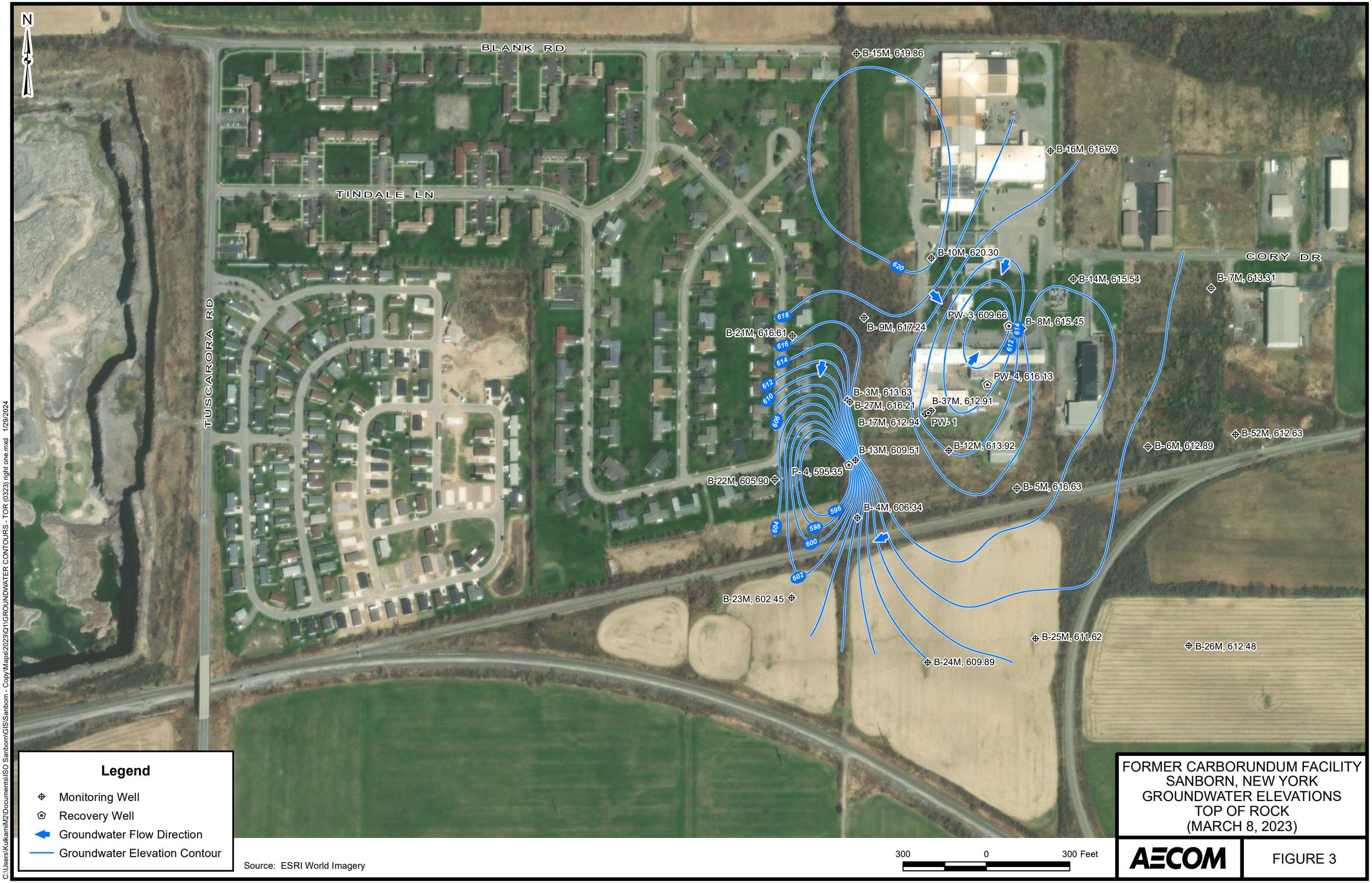
500 0 500 Feet

FORMER CARBORUNDUM FACILITY
SANBORN, NEW YORK
SITE PLAN

AECOM

FIGURE 2

J:\Projects\60481767_BPIPO\MISC\GIS\Sanborn\Maps\2019\SITE PLAN.mxd 9/26/2018


N
BLANK RD
TINDALE LN
TUSCARORA RD
CORY DR
B-15M, 619.86
B-16M, 616.73
B-10M, 620.30
B-14M, 615.54
B- 7M, 613.31
B- 9M, 617.24
PW- 3, 609.66
B- 8M, 615.45
B-21M, 616.61
PW- 4, 616.13
B- 3M, 613.63
B-27M, 616.21
B-37M, 612.91
B-17M, 612.94
PW- 1
B-52M, 612.63
B-12M, 613.92
B- 6M, 612.89
B-13M, 609.51
P- 4, 595.35
B-22M, 605.90
B- 5M, 616.63
B- 4M, 606.34
B-23M, 602.45
B-25M, 611.62
B-26M, 612.48
B-24M, 609.89
620
618
616
614
612
610
608
612
614
596
598
600
602
604
Legend
Monitoring Well
Recovery Well
Groundwater Flow Direction
Groundwater Elevation Contour
Source: ESRI World Imagery
300
0
300 Feet
FORMER CARBORUNDUM FACILITY
SANBORN, NEW YORK
GROUNDWATER ELEVATIONS
TOP OF ROCK
(MARCH 8, 2023)
AECOM
FIGURE 3
C:\Users\KulkarniM2\Documents\ISO Sanborn\GIS\Sanborn - Copy\Maps\2023\Q1\GROUNDWATER CONTOURS - TOR (0323) right one.mxd 1/29/2024

N

BLANK RD

TINDALE LN

TUSCARORA RD

CORY DR

B-15M, 619.86
B-67M, 617.82
B-63M, 617.19
B-16M, 616.73
B-10M, 620.30
B-11M, 615.81
B- 8M, 615.45
B-21M, 616.61
B-27M, 616.21
P- 3, 600.60
PW- 4, 616.13
P- 2, 597.31
B-17M, 612.94
PW- 1, 608.63
B-52M, 612.63
B- 6M, 612.89
B-13M, 609.51
P- 4, 595.35
B-28M, 606.60
B-22M, 605.90
B-23M, 602.45
B-29M, 597.95
B-26M, 612.48
B-24M, 609.89
B-38M, 583.87
B-33M, 597.20
B-45M, 599.34

615
605
610
620
600
595
590
585

Legend

- Monitoring Well
- Recovery Well
- Groundwater Flow Direction
- Groundwater Elevation Contour

Source: ESRI World Imagery

300 0 300 Feet

FORMER CARBORUNDUM FACILITY
SANBORN, NEW YORK
GROUNDWATER ELEVATIONS
ZONE 1
(MARCH 8, 2023)

AECOM

FIGURE 4

C:\Users\KulkarniM2\Documents\ISO Sanborn\GIS\Sanborn - Copy\Maps\2023\Q1\GROUNDWATER CONTOURS - Z1 (0323).mxd 1/29/2024

N

BLANK RD

TINDALE LN

TUSCARORA RD

CORY DR

B-15M, 612.47

B-16M, 609.70

B-10M, 613.73

B-14M, 609.69

B- 7M, 607.46

B- 9M, 612.00

PW- 3, 606.59

B- 8M, 611.28

B-21M, 609.71

PW- 4, 609.15

B- 3M, 608.31

B-37M, 610.61

B-27M, 609.32

B-17M, 608.06

PW- 1

B-52M, NM

B-12M, 607.99

B- 6M, 607.49

B-13M, 604.19

B-22M, 595.18

P- 4, 597.10

B- 5M, 609.32

B- 4M, 601.01

B-23M, 592.92

B-25M, 605.99

B-26M, 606.95

B-24M, 604.11

612

610

608

606

604

602

600

598

596

594

Legend

- Monitoring Well
- Recovery Well
- Groundwater Flow Direction
- Groundwater Elevation Contour

Source: ESRI World Imagery

300 0 300 Feet

FORMER CARBORUNDUM FACILITY
SANBORN, NEW YORK
GROUNDWATER ELEVATIONS
TOP OF ROCK
(JUNE 13, 2023)

AECOM

FIGURE 5

C:\Users\KulkarniM2\Documents\ISO Sanborn\GIS\Sanborn - Copy\Maps\2023\Q2 - Copy\GROUNDWATER CONTOURS - TOR (0623).mxd 1/30/2024

N

BLANK RD

TINDALE LN

TUSCARORA RD

CORY DR

B-15M, 612.47
B-67M, 610.70
B-63M, 609.99
B-16M, 609.70
B-10M, 613.73
B-11M, 612.69
B-21M, 609.71
B- 8M, 611.28
PW- 4, 609.15
P- 2, 598.38
B-27M, 609.32
P- 3, 599.12
B-17M, 608.06
PW- 1, 602.67
B-52M, NM
B- 6M, 607.49
P- 4, 597.10
B-13M, 604.19
B-28M, 600.51
B-22M, 595.18
B-23M, 592.92
B-29M, 589.40
B-26M, 606.95
B-24M, 604.11
B-38M, 582.11
B-33M, 589.78
B-45M, 590.88

610
605
600
595
590
585

Legend

- Monitoring Well
- Recovery Well
- Groundwater Flow Direction
- Groundwater Elevation Contour

Source: ESRI World Imagery

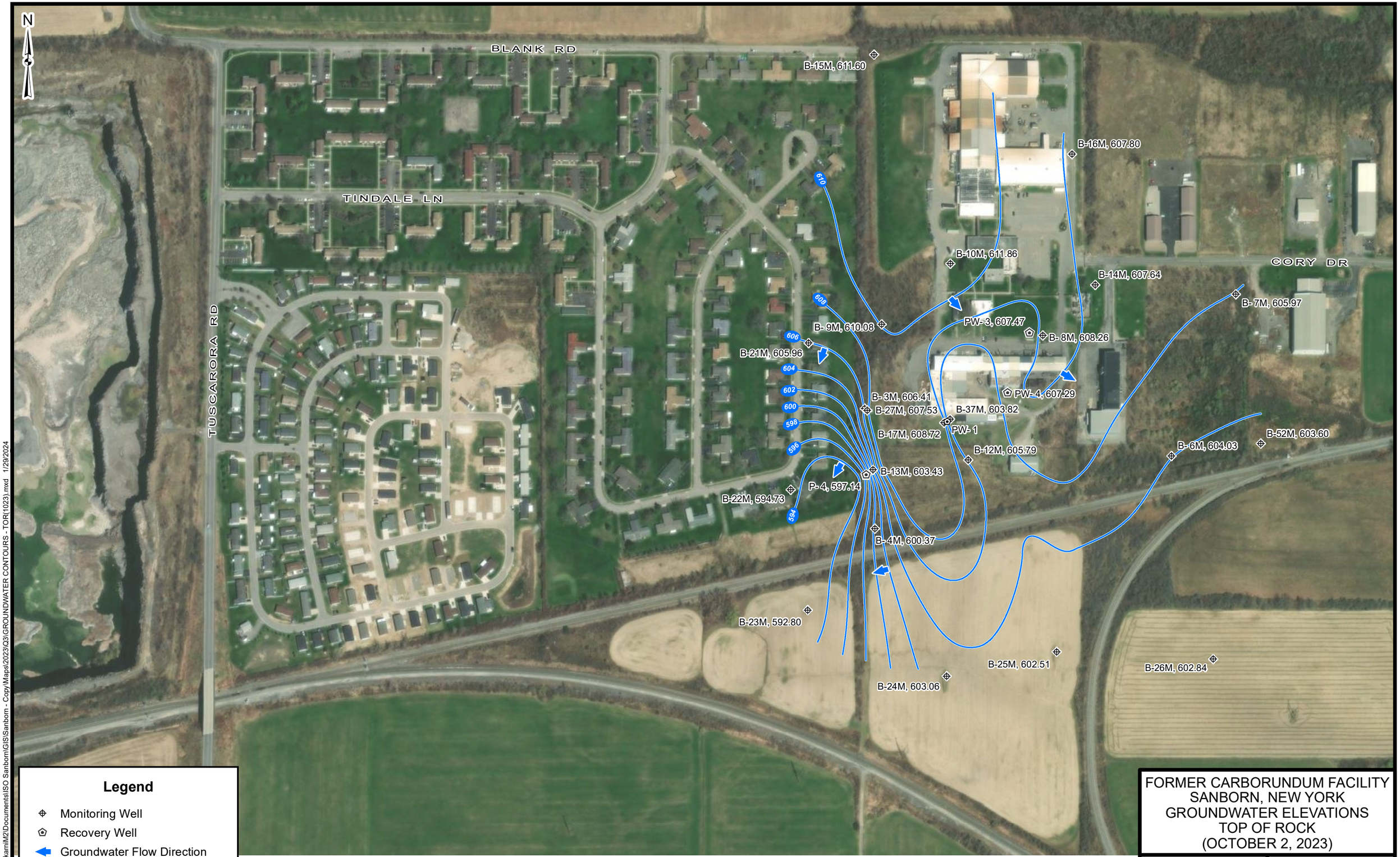
300 0 300 Feet

FORMER CARBORUNDUM FACILITY
SANBORN, NEW YORK
GROUNDWATER ELEVATIONS
ZONE 1
(JUNE 13, 2023)

AECOM

FIGURE 6

C:\Users\KulkarniM2\Documents\ISO Sanborn\GIS\Sanborn - Copy\Maps\2023\Q2 - Copy\GROUNDWATER CONTOURS - Z1 (0623).mxd 1/29/2024


N
BLANK RD
TINDALE LN
TUSCARORA RD
CORY DR
B-15M, 611.60
B-16M, 607.80
B-10M, 611.86
B-14M, 607.64
B-7M, 605.97
B- 9M, 610.08
PW- 3, 607.47
B- 8M, 608.26
B-21M, 605.96
PW- 4, 607.29
B- 3M, 606.41
B-27M, 607.53
B-37M, 603.82
PW- 1
B-17M, 608.72
B-12M, 605.79
B-52M, 603.60
B-6M, 604.03
B-13M, 603.43
P- 4, 597.14
B-22M, 594.73
B- 4M, 600.37
B-23M, 592.80
B-25M, 602.51
B-26M, 602.84
B-24M, 603.06
610
608
606
604
602
600
598
596
594
Legend
Monitoring Well
Recovery Well
Groundwater Flow Direction
Groundwater Elevation Contour
Source: ESRI World Imagery
300
0
300 Feet
FORMER CARBORUNDUM FACILITY
SANBORN, NEW YORK
GROUNDWATER ELEVATIONS
TOP OF ROCK
(OCTOBER 2, 2023)
AECOM
FIGURE 7
C:\Users\KulkarniM2\Documents\ISO Sanborn\GIS\Sanborn - Copy\Maps\2023\Q3\GROUNDWATER CONTOURS - TOR(1023).mxd 1/29/2024


N
BLANK RD
TINDALE LN
TUSCARORA RD
CORY DR
B-15M, 611.60
B-67M, 609.02
B-63M, 608.24
B-16M, 607.80
B-10M, 611.86
B-11M, 608.28
B- 8M, 608.26
B-21M, 605.96
PW- 4, 607.29
P- 2, 598.95
B-27M, 607.53
P- 3, 598.38
PW- 1, 602.72
B-17M, 608.72
B-52M, 603.60
B- 6M, 604.03
P- 4, 597.14
B-13M, 603.43
B-22M, 594.73
B-28M, 600.01
B-23M, 592.80
B-29M, 588.73
B-26M, 602.84
B-24M, 603.06
B-38M, 581.52
B-45M, 587.60
B-33M, 589.34
610
605
600
595
590
585
609
Legend
Monitoring Well
Recovery Well
Groundwater Flow Direction
Groundwater Elevation Contour
Source: ESRI World Imagery
300
0
300 Feet
FORMER CARBORUNDUM FACILITY
SANBORN, NEW YORK
GROUNDWATER ELEVATIONS
ZONE 1
(OCTOBER 2, 2023)
AECOM
FIGURE 8
C:\Users\KulkarniM2\Documents\ISO Sanborn\GIS\Sanborn - Copy\Maps\2023\Q3\GROUNDWATER CONTOURS - Z1 (1023).mxd 1/29/2024

N

BLANK RD

TINDALE LN

TUSCARORA RD

CORY DR

B-15M, 619.35

B-16M, 616.74

B-10M, 619.81

B-14M, 615.50

B- 7M, 613.13

B- 9M, 616.69

B-21M, 616.52

PW- 3, 605.83

B- 8M, 615.42

PW- 4, 616.13

B- 3M, 613.39

B-37M, 613.60

B-27M, 616.23

PW- 1

B-17M, 614.03

B-52M, 612.51

B-12M, 613.94

B- 6M, 612.82

B-13M, 609.03

B-22M, 605.03

P- 4, 595.75

B- 4M, 604.14

B-23M, 601.41

B-25M, 611.31

B-26M, 612.31

B-24M, 609.49

618
616
614
612
610
608
606
604
602
600
598
596
606
608
616

Legend

- Monitoring Well
- Recovery Well
- Groundwater Flow Direction
- Groundwater Elevation Contour

Source: ESRI World Imagery

300 0 300 Feet

FORMER CARBORUNDUM FACILITY
SANBORN, NEW YORK
GROUNDWATER ELEVATIONS
TOP OF ROCK
(JANUARY 11, 2024)

AECOM

FIGURE 9

C:\Users\KulkarniM2\Documents\ISO Sanborn\GIS\Sanborn - Copy\Maps\2023\Q4\GROUNDWATER CONTOURS - TOR(0124).mxd 1/29/2024

N

BLANK RD

TINDALE LN

TUSCARORA RD

CORY DR

B-15M, 619.35
B-67M, 617.70
B-63M, 617.06
B-16M, 616.74
B-10M, 619.81
B-11M, 615.83
B-21M, 616.52
B- 8M, 615.42
PW-4, 616.13
P- 2, 597.68
B-27M, 616.23
P- 3, 600.29
PW- 1, 611.31
B-17M, 614.03
B-52M, 612.51
B- 6M, 612.82
P- 4, 595.75
B-22M, 605.03
B-13M, 609.03
B-28M, 605.86
B-23M, 601.41
B-29M, 588.86
B-26M, 612.31
B-24M, 609.49
B-38M, 583.71
B-33M, 596.64
B-45M, 597.87

615 605 610 600 615 590 595 590 600 595

Legend

- Monitoring Well
- Recovery Well
- Groundwater Flow Direction
- Groundwater Elevation Contour

Source: ESRI World Imagery

300 0 300 Feet

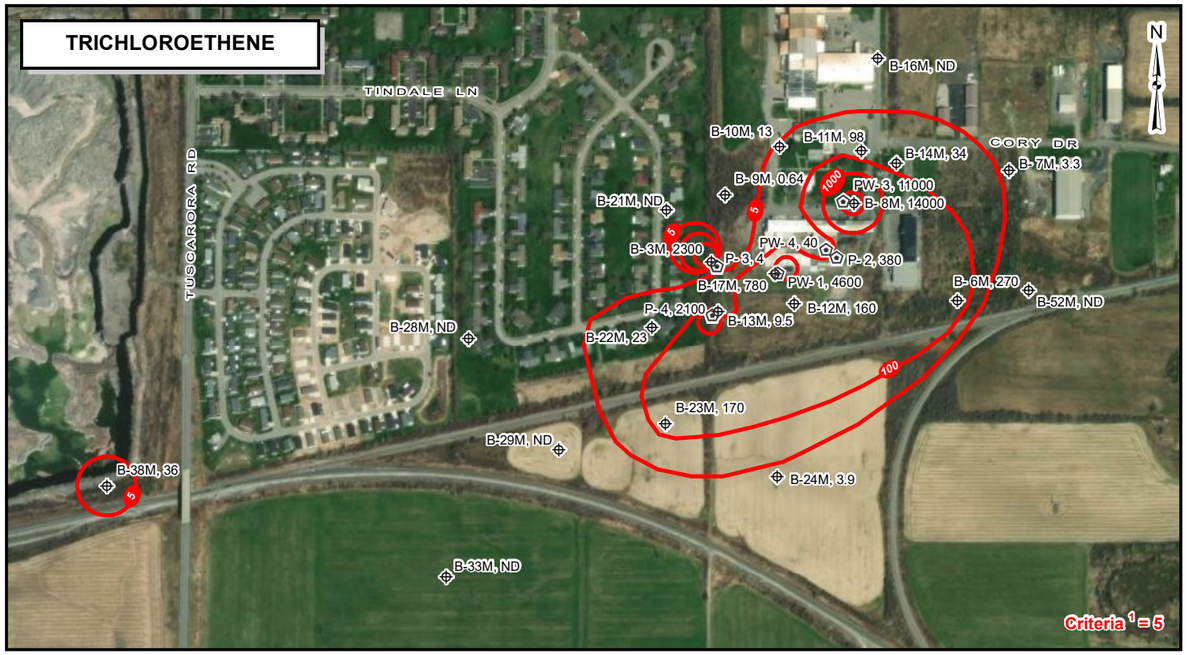
FORMER CARBORUNDUM FACILITY
SANBORN, NEW YORK
GROUNDWATER ELEVATIONS
ZONE 1
(JANUARY 11, 2024)

AECOM

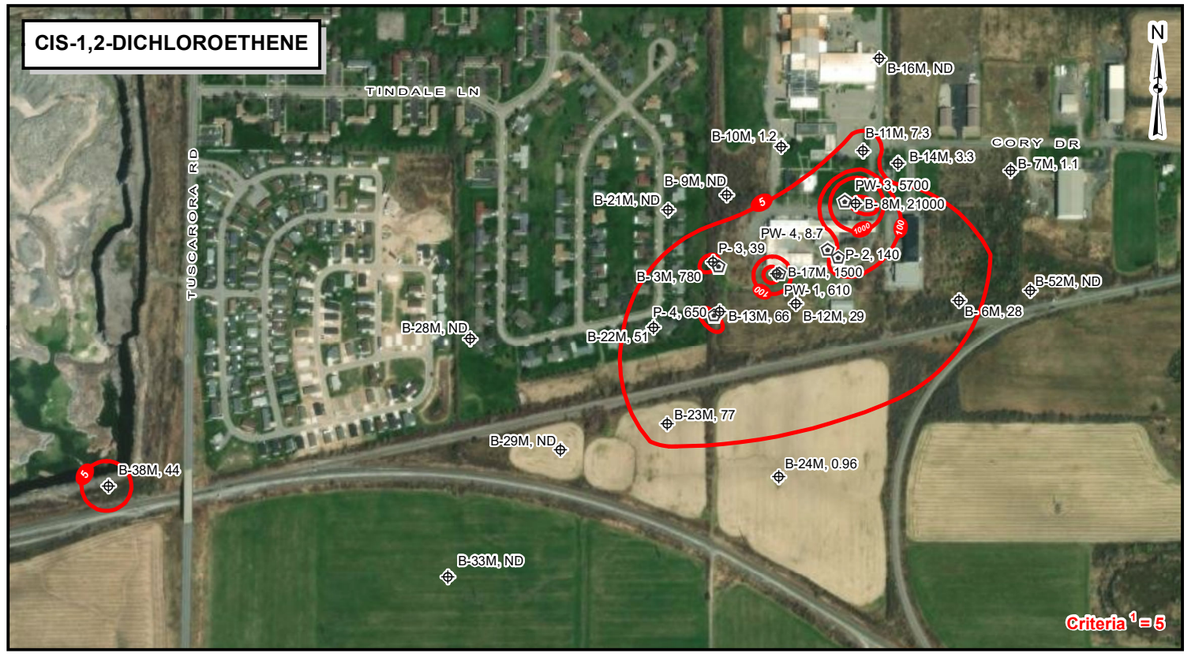
FIGURE 10

C:\Users\KulkarniM2\Documents\ISO Sanborn\GIS\Sanborn - Copy\Maps\2023\Q4\GROUNDWATER CONTOURS - Z1 (0124).mxd 1/29/2024

TRICHLOROETHENE

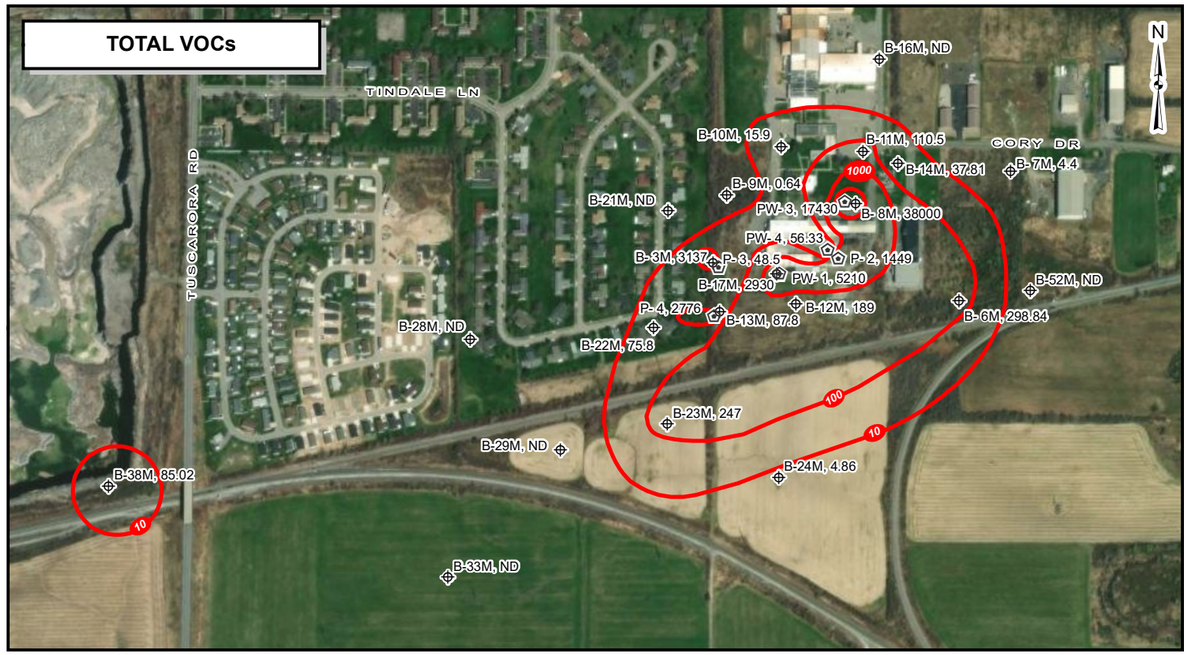


CIS-1,2-DICHLOROETHENE



VINYL CHLORIDE

TOTAL VOCs



Legend

- Monitoring Well
- Recovery Well
- Isoconcentration Contour

Notes:
1. Criteria = NYSDEC TOGS 1.1.1 Ambient Water Quality Standards, Class GA
2. Units are shown in µg/L
3. ND = Not Detected

Source:
ESRI World Imagery

600 0 600 Feet

FORMER CARBORUNDUM FACILITY
SANBORN, NEW YORK
ISOCONTOURS IN TOP OF ROCK AND ZONE 1
(ANNUAL SAMPLING - SPRING 2023)

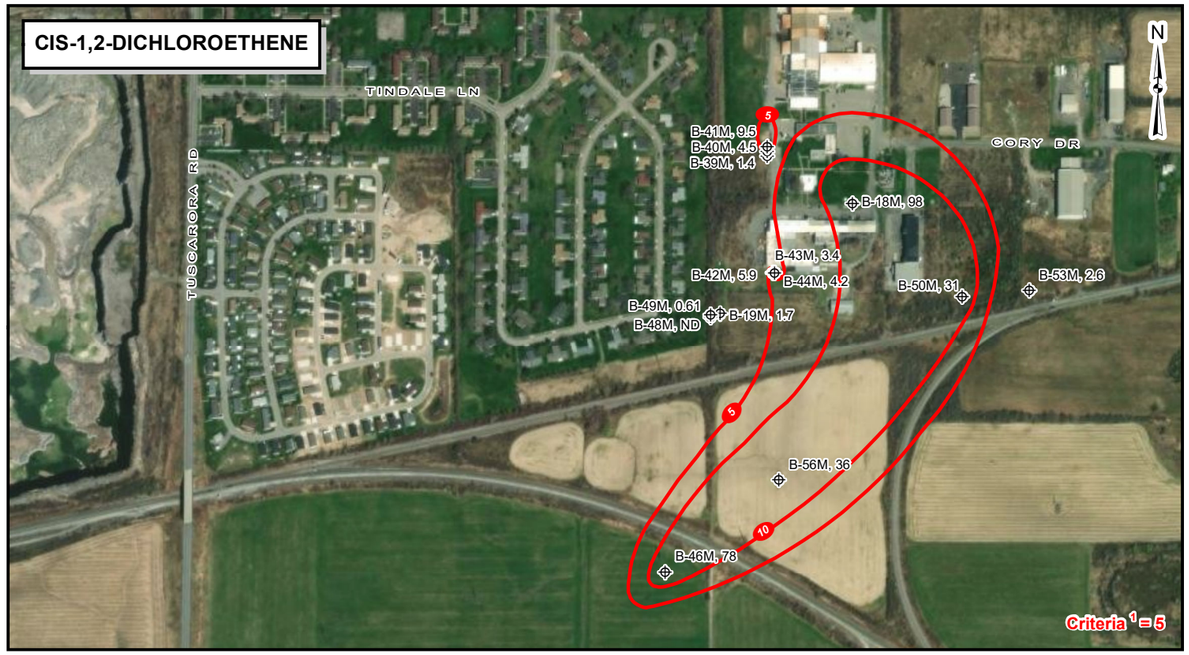
AECOM

FIGURE 11

C:\Users\kulkarnim2\Documents\ISO Sanborn\GIS\Sanborn - Copy\Maps\2023\Q1\ISOPLETHS - TOR & Z1 - right one 01.31.2024.mxd 1/31/2024

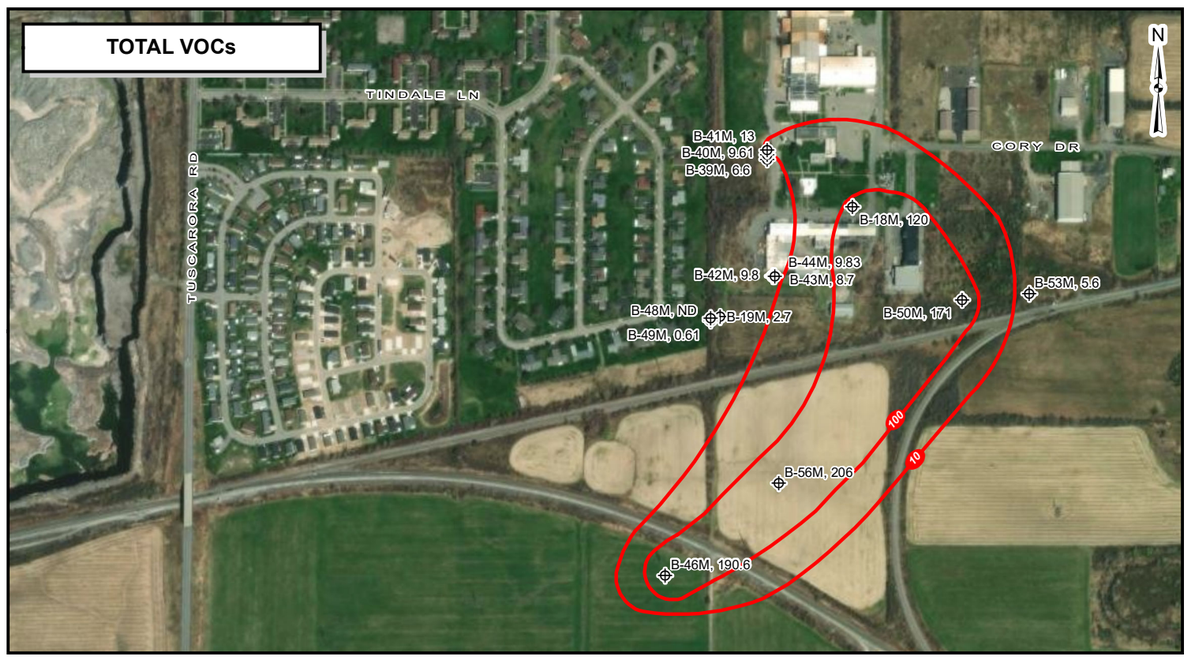
TRICHLOROETHENE

CIS-1,2-DICHLOROETHENE



VINYL CHLORIDE

TOTAL VOCs



Legend

- Monitoring Well
- Recovery Well
- Isoconcentration Contour

Notes:
1. Criteria = NYSDEC TOGS 1.1.1 Ambient Water Quality Standards, Class GA
2. Units are shown in µg/L
3. ND = Not Detected

Source:
ESRI World Imagery

600 0 600 Feet

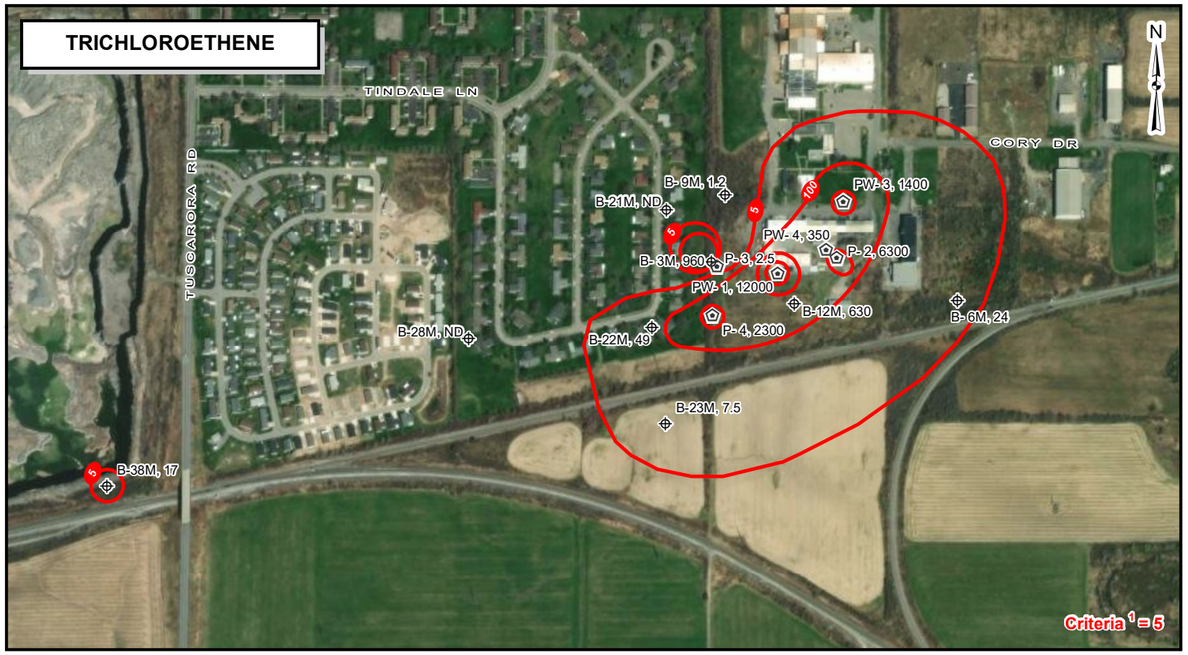
FORMER CARBORUNDUM FACILITY
SANBORN, NEW YORK
ISOCONTOURS IN ZONES 2, 3, 4, & 5
(ANNUAL SAMPLING - SPRING 2023)

AECOM

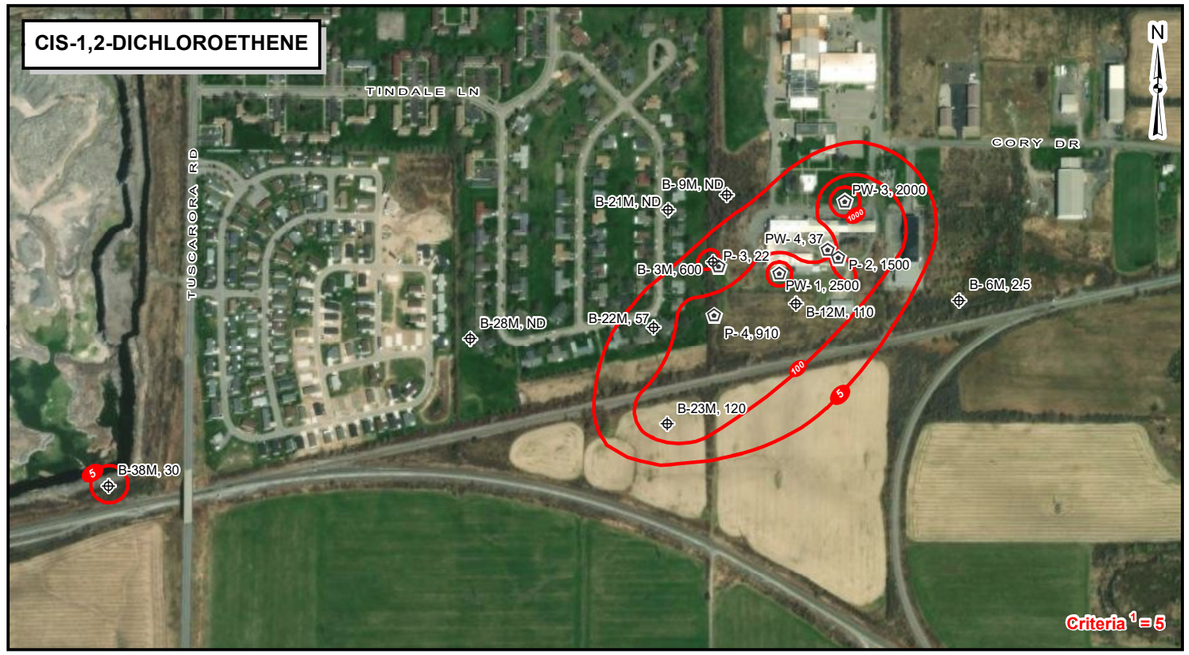
FIGURE 12

C:\Users\Kulkarnim2\Documents\ISO Sanborn\GIS\Sanborn - Copy\Maps\2023\Q1\ISOPLETHS - Z2-5 right one.mxd 1/31/2024

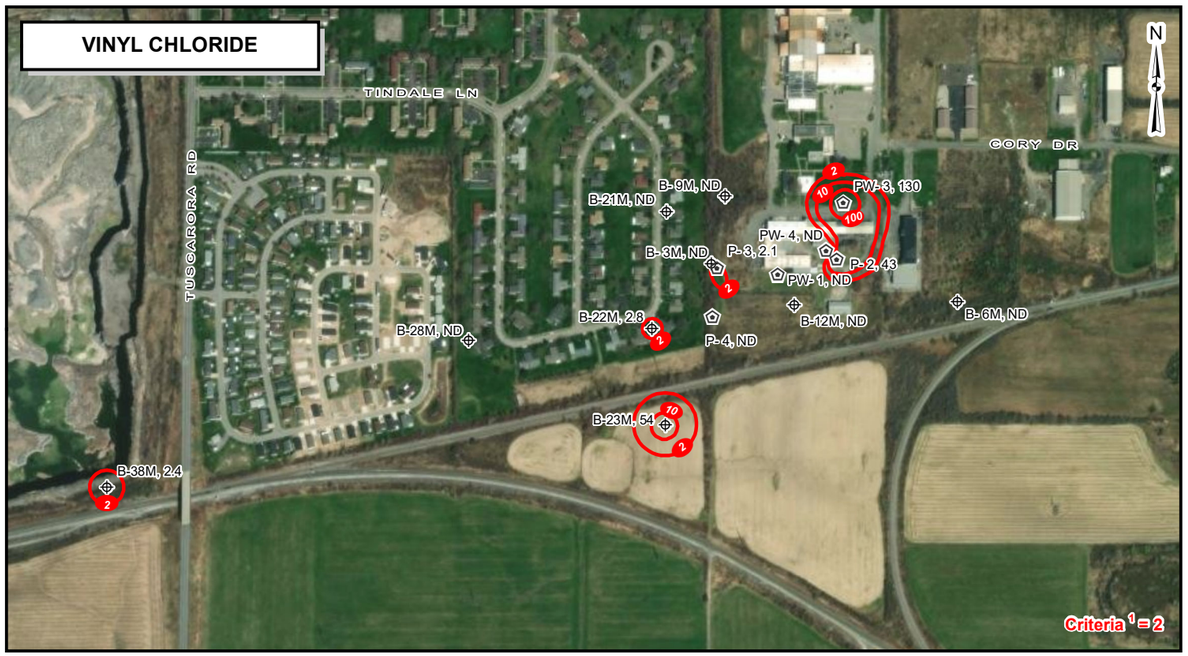
TRICHLOROETHENE



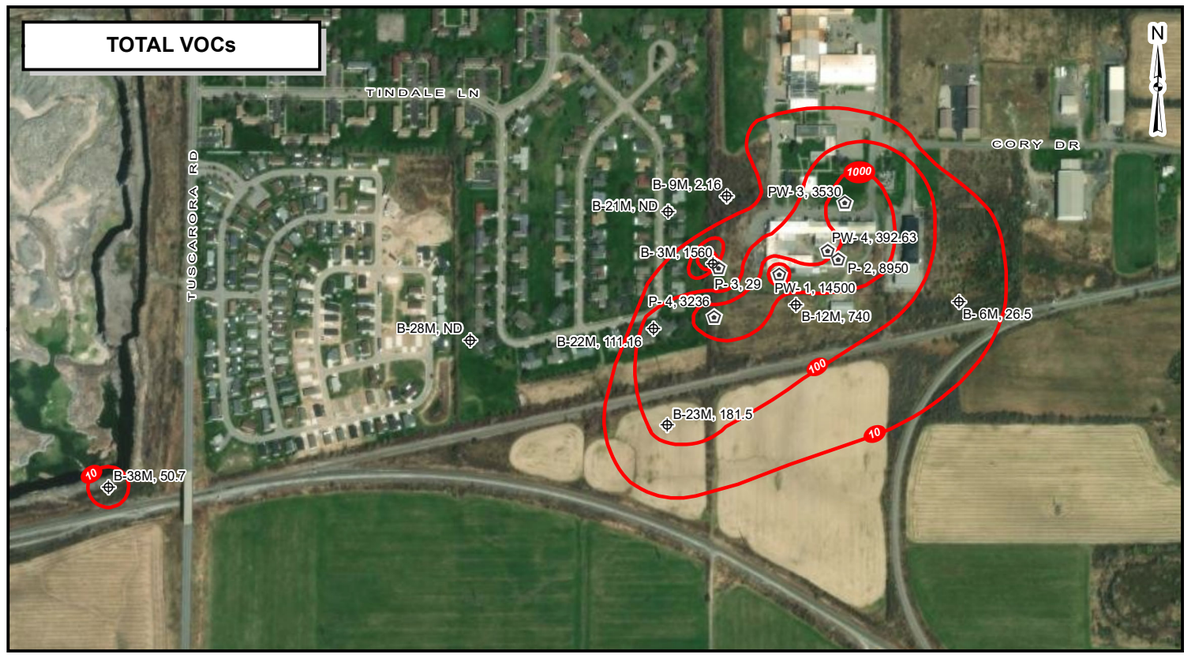
CIS-1,2-DICHLOROETHENE



VINYL CHLORIDE



TOTAL VOCs



Legend

- Monitoring Well
- Recovery Well
- Isoconcentration Contour

Notes:
1. Criteria = NYSDEC TOGS 1.1.1 Ambient Water Quality Standards, Class GA
2. Units are shown in µg/L
3. ND = Not Detected

Source:
ESRI World Imagery

600 0 600 Feet

FORMER CARBORUNDUM FACILITY
SANBORN, NEW YORK
ISOCONTOURS IN TOP OF ROCK AND ZONE 1
(ANNUAL SAMPLING - FALL 2023)

AECOM

FIGURE 13

C:\Users\Kulkarni\M2\Documents\ISO Sanborn\GIS\Sanborn - Copy\Maps\2023\Q3\ISOPLETHS - TOR & Z1(11023).mxd 1/31/2024

Appendix A

Institutional Controls / Engineering Controls Certification Form (2023)

Enclosure 2
NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION
Site Management Periodic Review Report Notice
Institutional and Engineering Controls Certification Form

Site Details **Box 1**

Site No. 932102

Site Name Carborundum Specialty Products

Site Address: 2050 Cory Dr Zip Code: 14132
City/Town: Sanborn
County: Niagara
Site Acreage: 40.000

Reporting Period: January 1, 2023 to December 31, 2023

	YES	NO
1. Is the information above correct?	☒	☐
If NO, include handwritten above or on a separate sheet.		
2. Has some or all of the site property been sold, subdivided, merged, or undergone a tax map amendment during this Reporting Period?	☐	☒
3. Has there been any change of use at the site during this Reporting Period (see 6NYCRR 375-1.11(d))?	☐	☒
4. Have any federal, state, and/or local permits (e.g., building, discharge) been issued for or at the property during this Reporting Period?	☐	☒
If you answered YES to questions 2 thru 4, include documentation or evidence that documentation has been previously submitted with this certification form.		
5. Is the site currently undergoing development?	☐	☒

Box 2

	YES	NO
6. Is the current site use consistent with the use(s) listed below? Industrial	☒	☐
7. Are all ICs in place and functioning as designed?	☒	☐

IF THE ANSWER TO EITHER QUESTION 6 OR 7 IS NO, sign and date below and DO NOT COMPLETE THE REST OF THIS FORM. Otherwise continue.

A Corrective Measures Work Plan must be submitted along with this form to address these issues.

Signature of Owner, Remedial Party or Designated Representative Date

SITE NO. 932102 **Box 3**

Description of Institutional Controls

Parcel	Owner	Institutional Control
132.00-1-1	Pyroteck, Inc. c/o Kevin Scott	
		Monitoring Plan
		Soil Management Plan

In accordance with the Operation and Maintenance & Monitoring Manual dated August 2013, the responsible party will maintain and monitor the groundwater monitoring wells and fencing located on this parcel which is owned by Pyrotek, Inc.

132.00-1-16.11	Elm Holdings, Inc. c/o Jim L. Smith	
		O&M Plan
		Soil Management Plan
		Monitoring Plan

In accordance with the Operation and Maintenance & Monitoring Manual dated August 2013, the responsible party will maintain and monitor the groundwater monitoring wells located on this parcel.

132.00-1-16.12	Elm Holdings, Inc. c/o Jim L. Smith	
		Soil Management Plan
		Monitoring Plan
		O&M Plan

Record of Decision (ROD); October 1991
Order on Consent; December 1993
Addendum to the Remedial Design/Remedial Action Work Plan; December 1993
Operations, Maintenance and Monitoring Manual; August 2013

In accordance with the above Institutional Controls and specifically the Operation Maintenance & Monitoring Manual dated August 14, 2013, the following shall be maintained and monitored:

1.Groundwater recovery system (pumping wells, piping, valves, gauges, etc.)
2.Treatment system (air stripper, liquid phase carbon units, pre-filters, pumps, etc.
3.Groundwater monitoring wells.
4.SPDES compliance.

A soil vapor intrusion (SVI) assessment, which included off-site sub-slab and indoor air sampling of selected condominiums adjacent to the site was completed in November and December 2008. Based on the results of the investigation the DEC, in consultation with the NYSDOH, concluded no further on-site or off-site sampling or other actions were needed to address exposures related to soil vapor intrusion. An Investigation Complete - No Actions Recommended memo was issued on April 1, 2009.

132.00-1-16.2	Pyrotek, Inc. c/o Kevin Scott	
		Soil Management Plan

In accordance with the Operation and Maintenance & Monitoring Manual dated August 2013, the responsible party will maintain and monitor the fencing located around this parcel which is owned by Pyrotek, Inc.

Box 4

Description of Engineering Controls

Parcel	Engineering Control
132.00-1-1	
	Fencing/Access Control
132.00-1-16.11	
	Groundwater Treatment System

Parcel	Engineering Control
	Groundwater Containment Fencing/Access Control
Pump and Treat	
132.00-1-16.12	
	Groundwater Treatment System Groundwater Containment Fencing/Access Control
Pump and Treat	
132.00-1-16.2	
	Fencing/Access Control

Box 5

Periodic Review Report (PRR) Certification Statements

1. I certify by checking "YES" below that:

   a) the Periodic Review report and all attachments were prepared under the direction of, and reviewed by, the party making the Engineering Control certification;

   b) to the best of my knowledge and belief, the work and conclusions described in this certification are in accordance with the requirements of the site remedial program, and generally accepted engineering practices; and the information presented is accurate and compete.

YES	NO
☒	☐

2. For each Engineering control listed in Box 4, I certify by checking "YES" below that all of the following statements are true:

   (a) The Engineering Control(s) employed at this site is unchanged since the date that the Control was put in-place, or was last approved by the Department;

   (b) nothing has occurred that would impair the ability of such Control, to protect public health and the environment;

   (c) access to the site will continue to be provided to the Department, to evaluate the remedy, including access to evaluate the continued maintenance of this Control;

   (d) nothing has occurred that would constitute a violation or failure to comply with the Site Management Plan for this Control; and

   (e) if a financial assurance mechanism is required by the oversight document for the site, the mechanism remains valid and sufficient for its intended purpose established in the document.

YES	NO
☒	☐

IF THE ANSWER TO QUESTION 2 IS NO, sign and date below and DO NOT COMPLETE THE REST OF THIS FORM. Otherwise continue.

A Corrective Measures Work Plan must be submitted along with this form to address these issues.

Signature of Owner, Remedial Party or Designated Representative

Date

IC CERTIFICATIONS
SITE NO. 932102

Box 6

SITE OWNER OR DESIGNATED REPRESENTATIVE SIGNATURE

I certify that all information and statements in Boxes 1,2, and 3 are true. I understand that a false statement made herein is punishable as a Class "A" misdemeanor, pursuant to Section 210.45 of the Penal Law.

I James L. Kaczor, Attorney-in-Fact for Elm Holdings Inc. at 50 Lakefront Boulevard, Suite 111, Buffalo, NY 14202,
print name print business address

am certifying as Designated Representative of Owner (Owner or Remedial Party)

for the Site named in the Site Details Section of this form.

James L. Kaczor

Attorney-in-Fact for Elm Holdings Inc. 04/17/24
Signature of Owner, Remedial Party, or Designated Representative Rendering Certification Date

EC CERTIFICATIONS

Box 7

Professional Engineer Signature

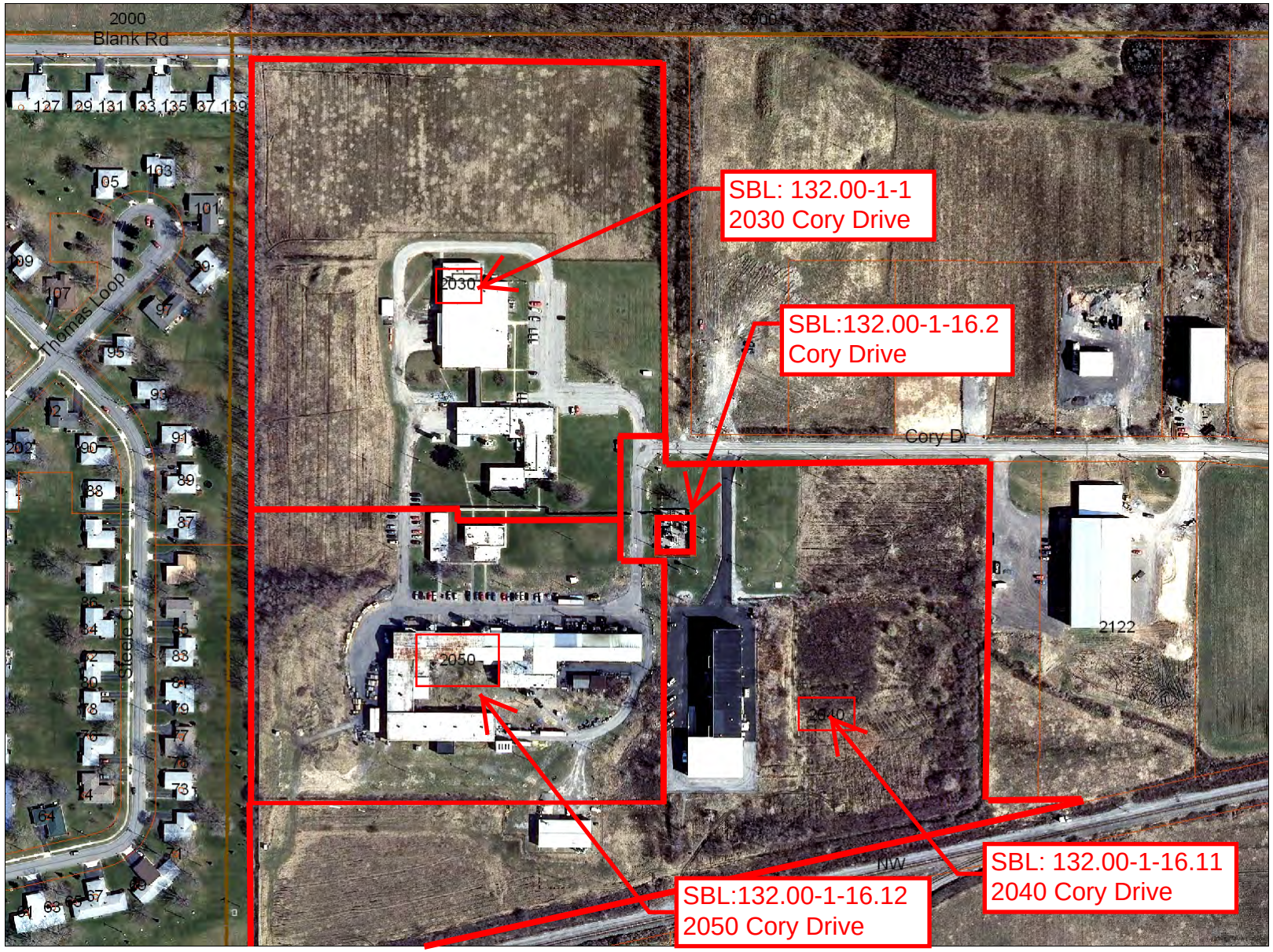
I certify that all information in Boxes 4 and 5 are true. I understand that a false statement made herein is punishable as a Class "A" misdemeanor, pursuant to Section 210.45 of the Penal Law.

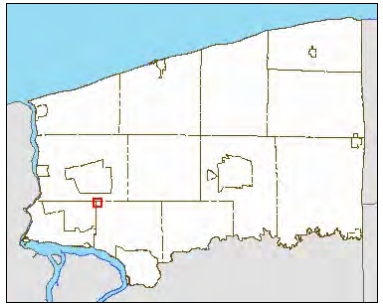
I Carsten H. Floess, P.E. at 40 British American Boulevard, Latham, NY 12110,
print name print business address

am certifying as a Professional Engineer for the Owner
(Owner or Remedial Party)

Signature of Professional Engineer, for the Owner or Remedial Party, Rendering Certification	Stamp (Required for PE)	Date
		04/17/24

Carborundum Specialty Products Site #932102





Legend

Parcel Boundary

1: 3,391

Notes

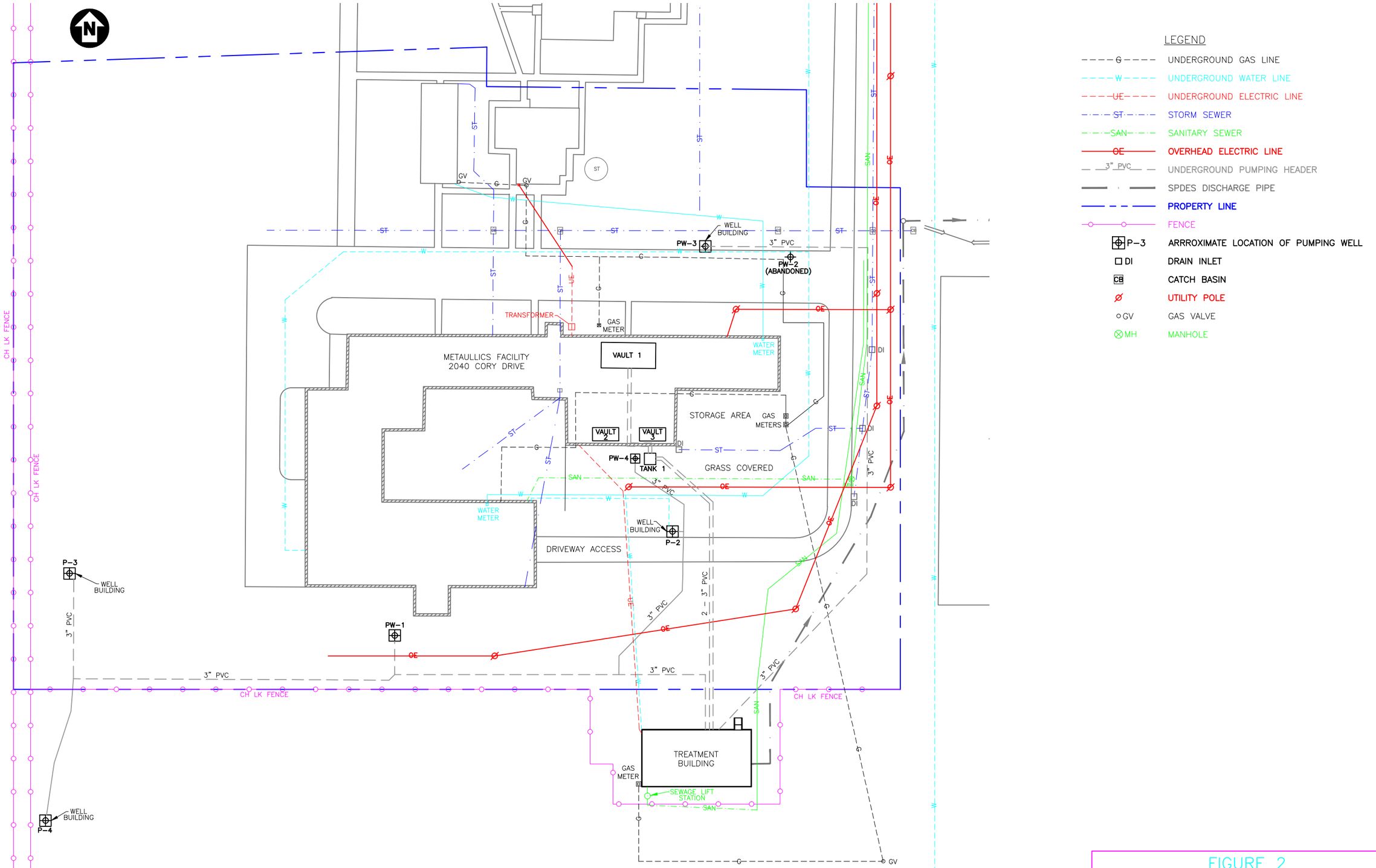
Parcels with Engineering and Institutional controls

0.1 0 0.05 0.1 Miles

SOURCE: **NIAGARA COUNTY, NEW YORK DEPARTMENT OF REAL PROPERTY SERVICES**

Appendix B

Groundwater Treatment System and Vault Water Collection System Diagrams



NOTE: PIPING LOCATIONS ARE APPROXIMATE.

80 40 0 80 160

SCALE: 1"=80'

PARSONS
40 LA RIVIERE DRIVE, SUITE 350
BUFFALO, NEW YORK 14202
716-541-0730

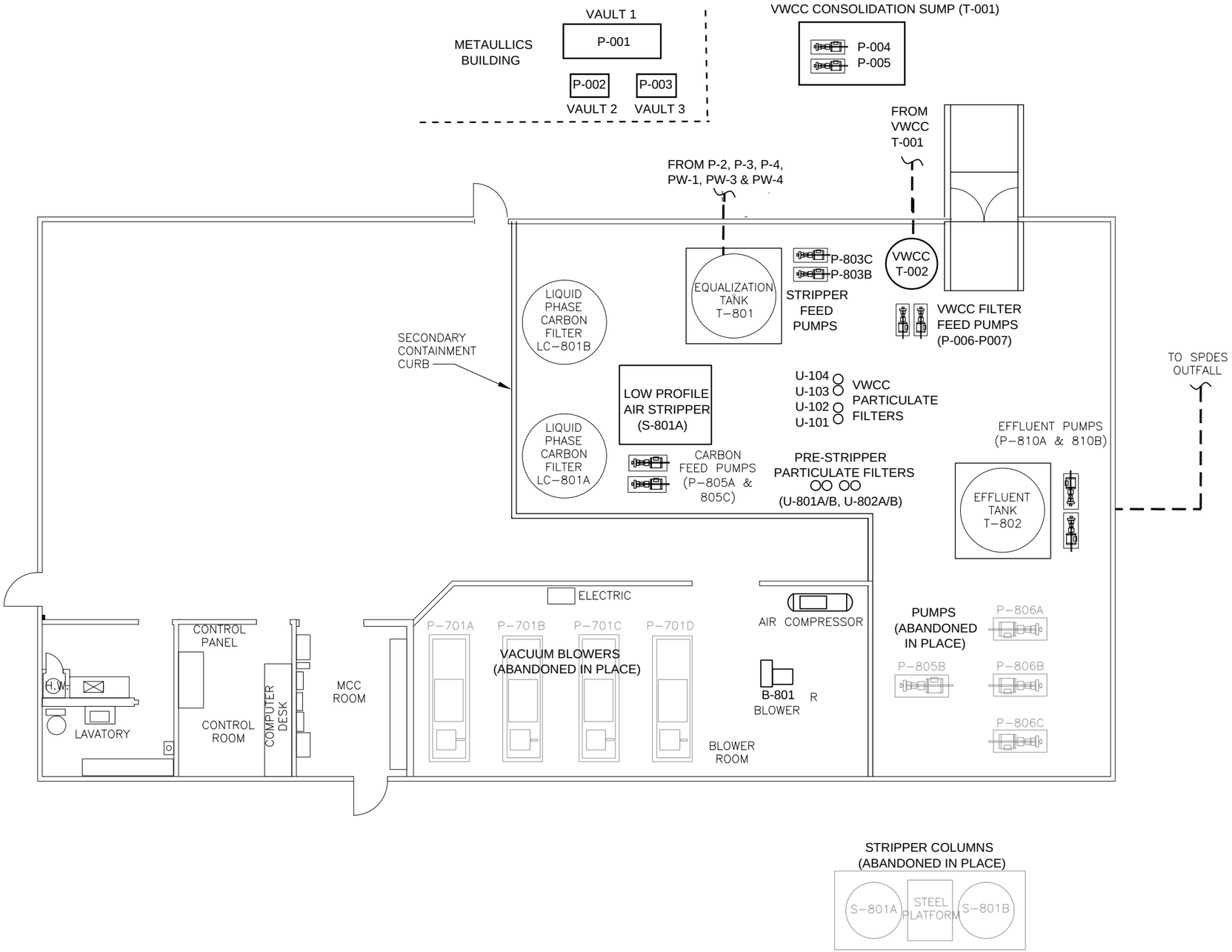
FIGURE 2

ATLANTIC RICHFIELD COMPANY
FORMER CARBORUNDUM FACILITY

SITE PLAN - UTILITIES

P:\Sanborn\\447601\Record Drawings\SK-442156-c17_Fig2.dwg
No XREFs

NOT TO SCALE



STRIPPER COLUMNS
(ABANDONED IN PLACE)

PARSONS
40 La Riviere Dr., Suite 350
Buffalo, NY 14202
(716) 541-0730

FIGURE 5

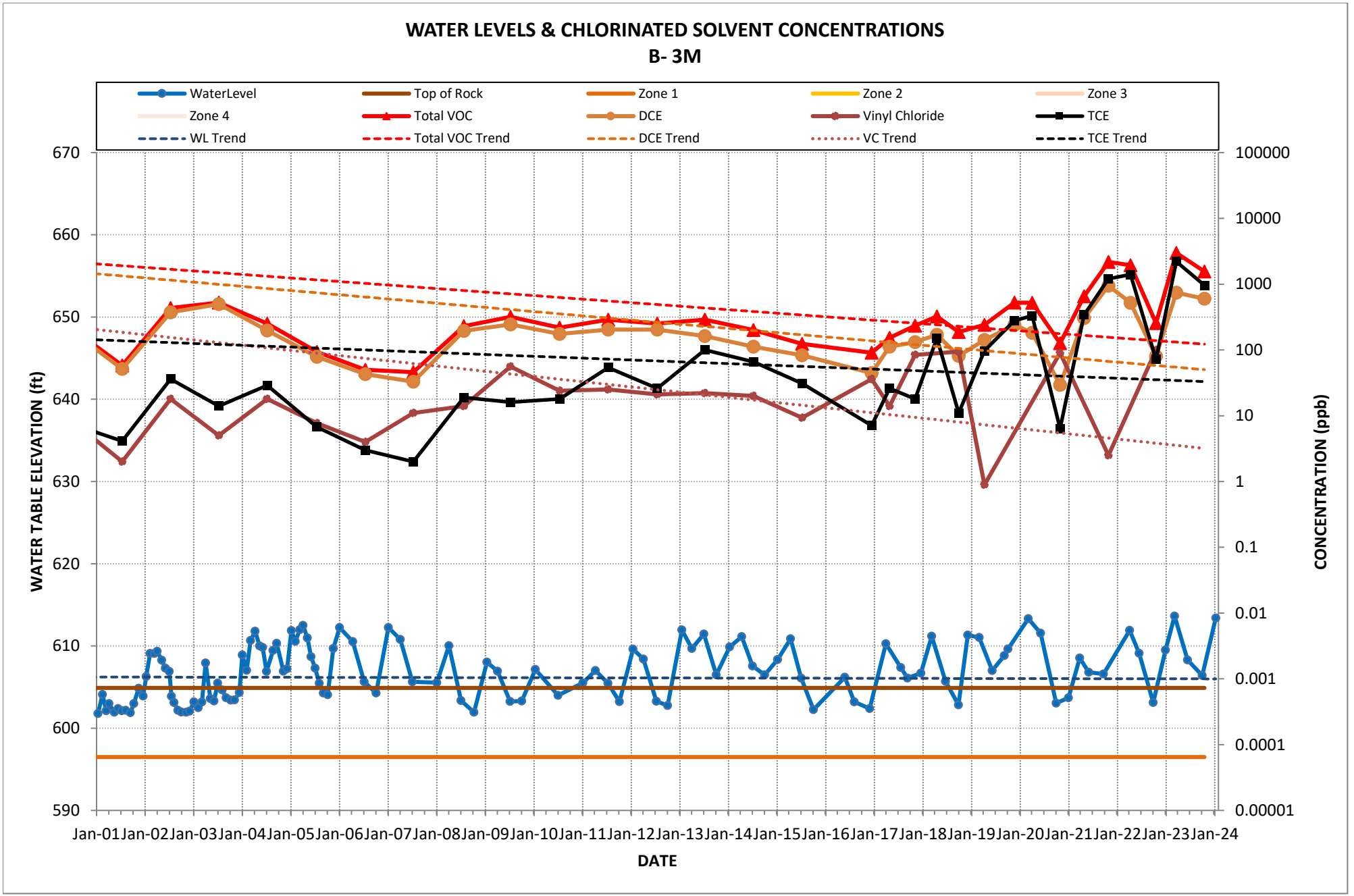
ATLANTIC RICHFIELD COMPANY
FORMER CARBORUNDUM FACILITY

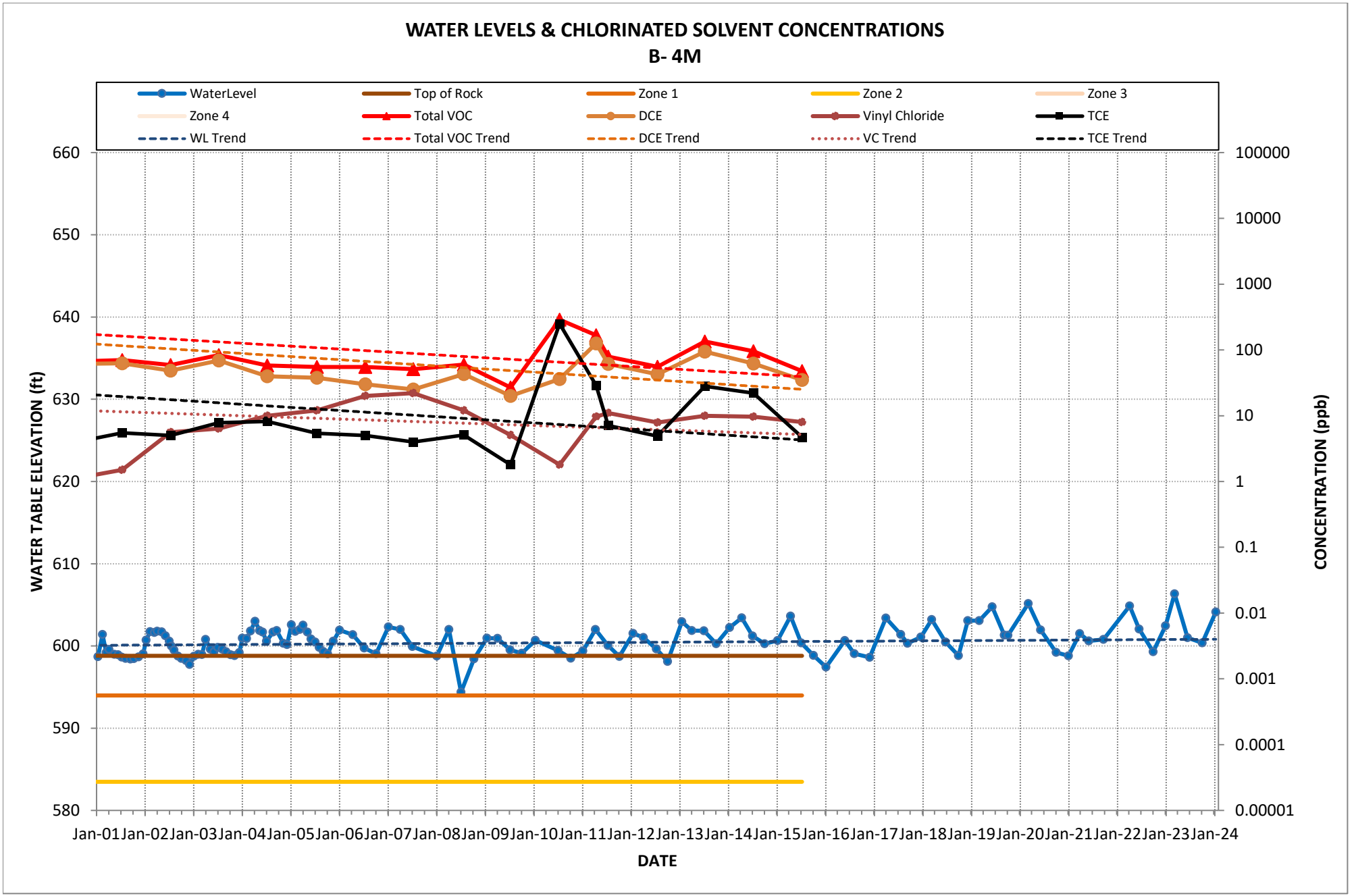
EQUIPMENT LAYOUT

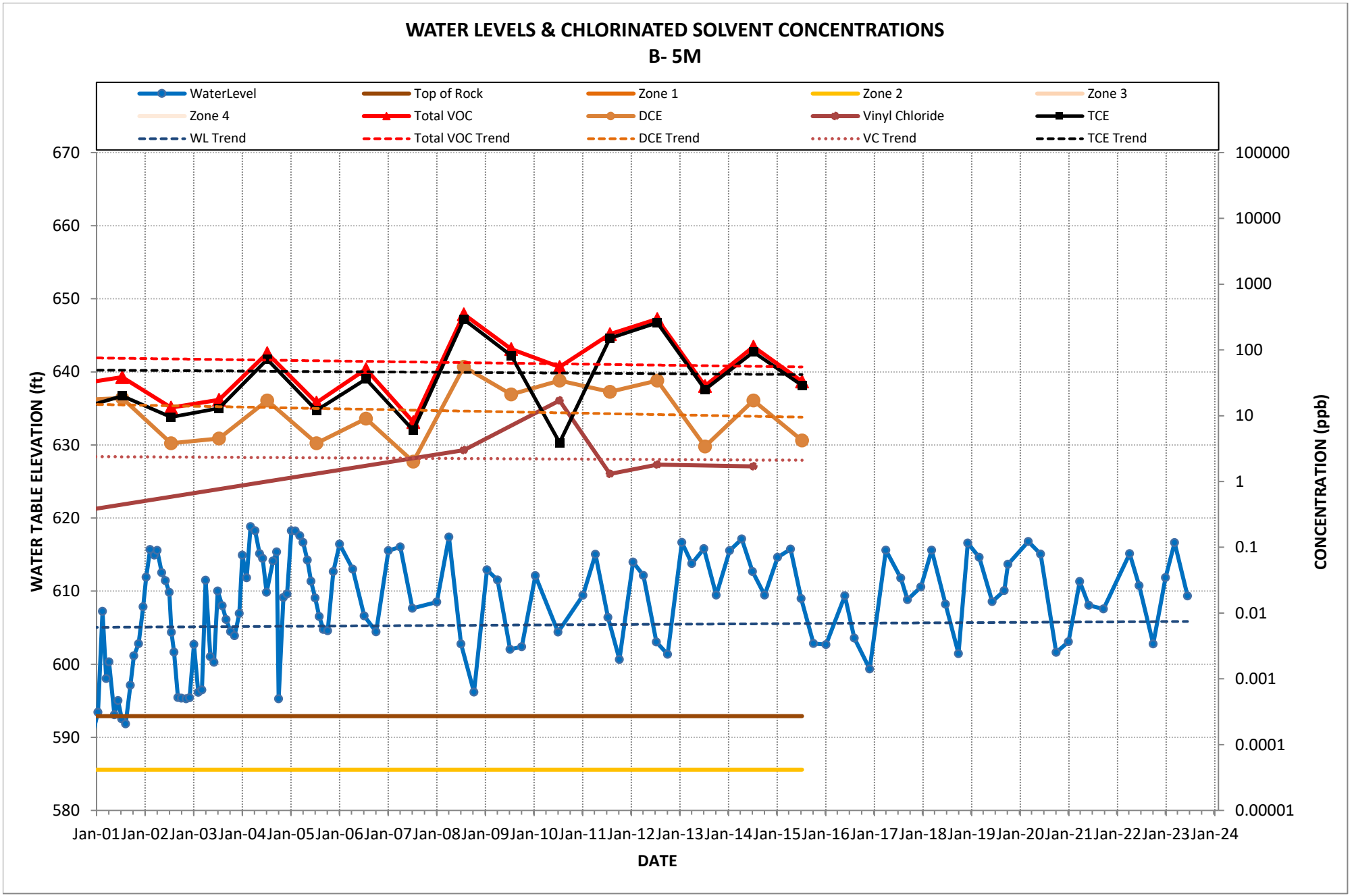
P:\442156\WP\New OM&M Manual\cad\SK-442156-c14.dwg, 08/01/06 at 07:44, MAB, 1=1
No XREFs

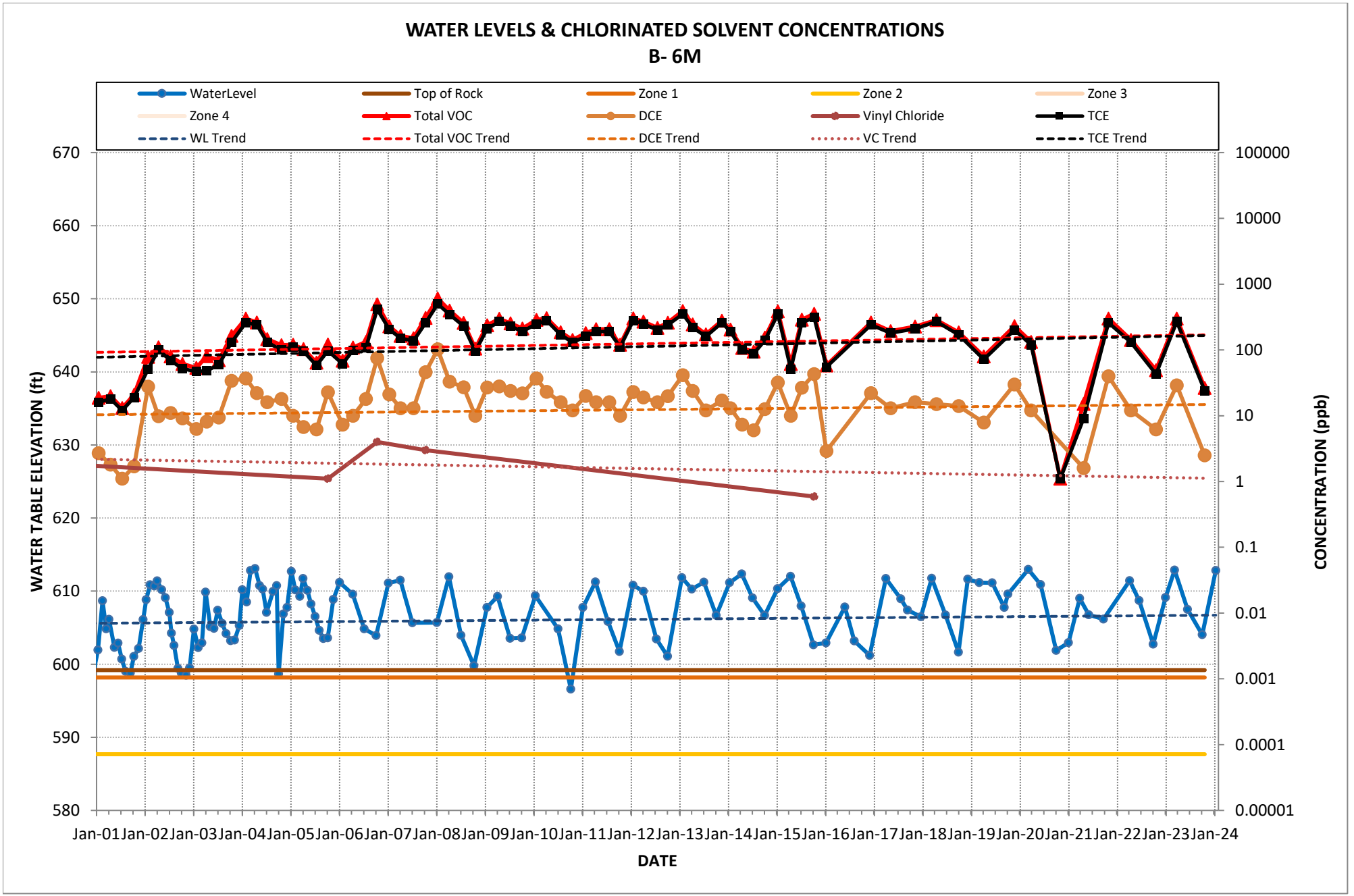
Appendix C

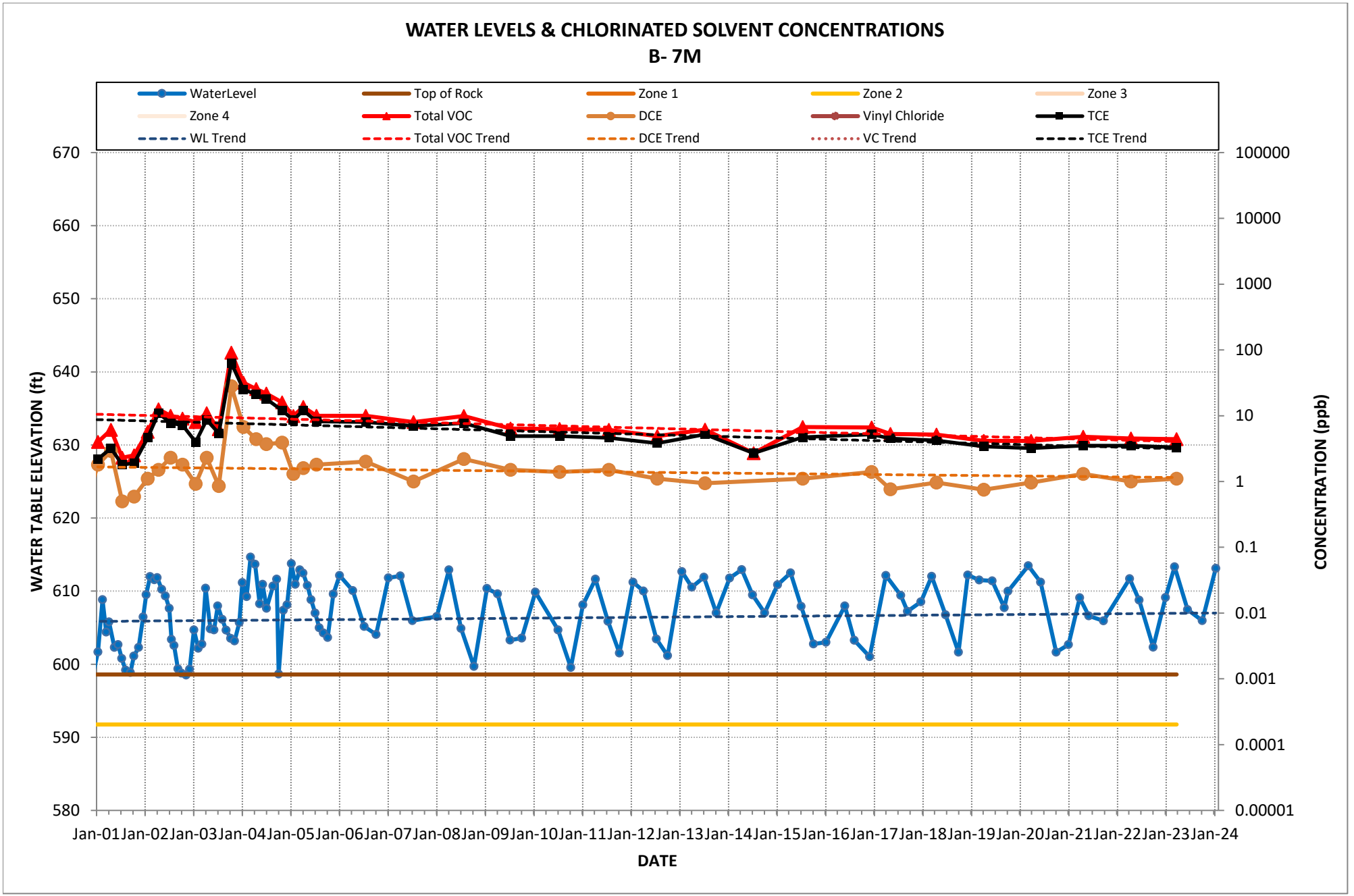
Water Quality Time Series Plots January 2001 through December 2023

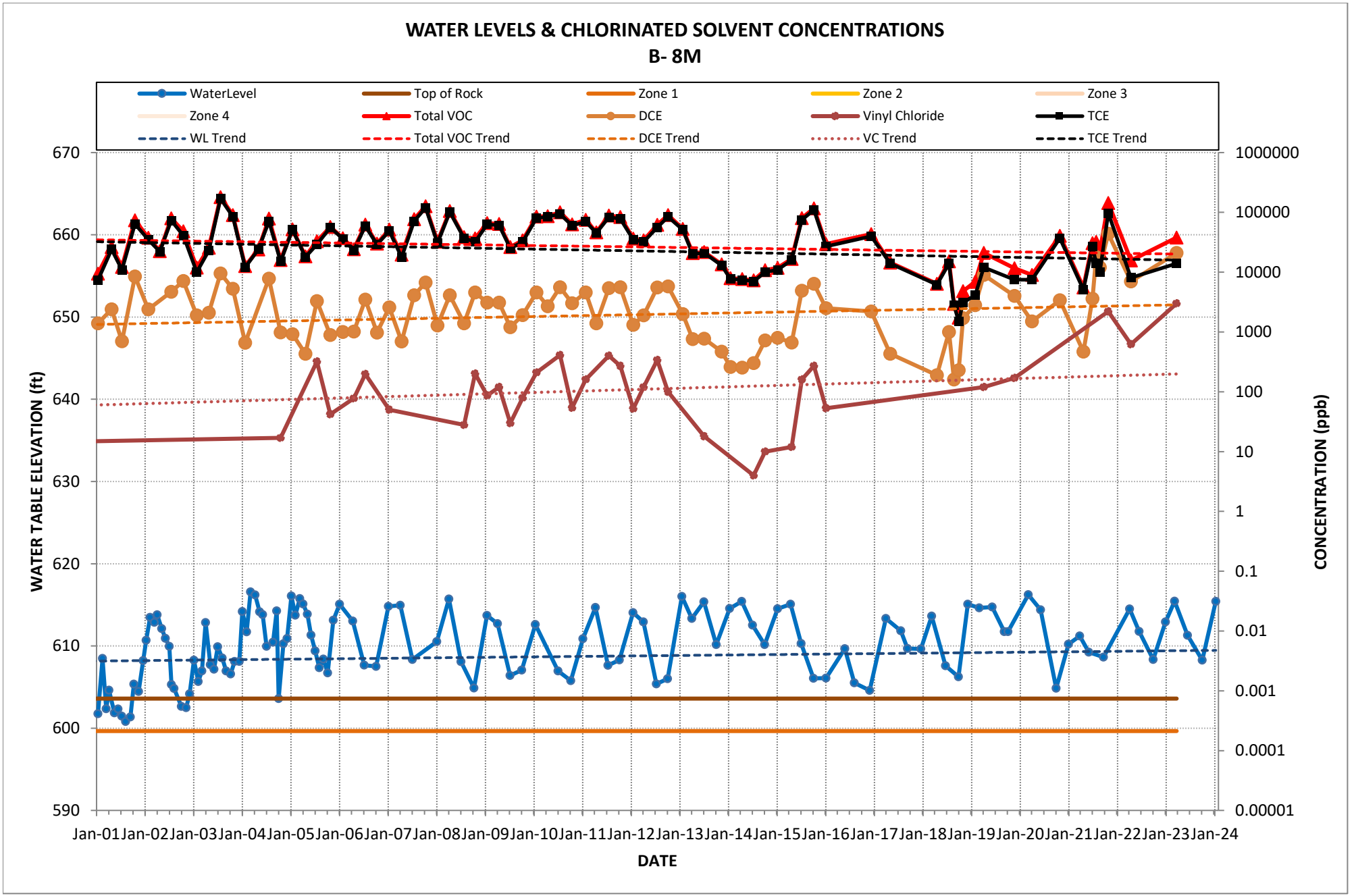

WATER LEVELS & CHLORINATED SOLVENT CONCENTRATIONS
B- 3M
WaterLevel
Top of Rock
Zone 1
Zone 2
Zone 3
Zone 4
Total VOC
DCE
Vinyl Chloride
TCE
WL Trend
Total VOC Trend
DCE Trend
VC Trend
TCE Trend
WATER TABLE ELEVATION (ft)
CONCENTRATION (ppb)
DATE
670
660
650
640
630
620
610
600
590
100000
10000
1000
100
10
1
0.1
0.01
0.001
0.0001
0.00001
Jan-01
Jan-02
Jan-03
Jan-04
Jan-05
Jan-06
Jan-07
Jan-08
Jan-09
Jan-10
Jan-11
Jan-12
Jan-13
Jan-14
Jan-15
Jan-16
Jan-17
Jan-18
Jan-19
Jan-20
Jan-21
Jan-22
Jan-23
Jan-24


WATER LEVELS & CHLORINATED SOLVENT CONCENTRATIONS
B- 4M
WaterLevel
Top of Rock
Zone 1
Zone 2
Zone 3
Zone 4
Total VOC
DCE
Vinyl Chloride
TCE
WL Trend
Total VOC Trend
DCE Trend
VC Trend
TCE Trend
WATER TABLE ELEVATION (ft)
660
650
640
630
620
610
600
590
580
CONCENTRATION (ppb)
100000
10000
1000
100
10
1
0.1
0.01
0.001
0.0001
0.00001
Jan-01 Jan-02 Jan-03 Jan-04 Jan-05 Jan-06 Jan-07 Jan-08 Jan-09 Jan-10 Jan-11 Jan-12 Jan-13 Jan-14 Jan-15 Jan-16 Jan-17 Jan-18 Jan-19 Jan-20 Jan-21 Jan-22 Jan-23 Jan-24
DATE


WATER LEVELS & CHLORINATED SOLVENT CONCENTRATIONS
B- 5M
WaterLevel
Top of Rock
Zone 1
Zone 2
Zone 3
Zone 4
Total VOC
DCE
Vinyl Chloride
TCE
WL Trend
Total VOC Trend
DCE Trend
VC Trend
TCE Trend
WATER TABLE ELEVATION (ft)
CONCENTRATION (ppb)
DATE
670
660
650
640
630
620
610
600
590
580
100000
10000
1000
100
10
1
0.1
0.01
0.001
0.0001
0.00001
Jan-01
Jan-02
Jan-03
Jan-04
Jan-05
Jan-06
Jan-07
Jan-08
Jan-09
Jan-10
Jan-11
Jan-12
Jan-13
Jan-14
Jan-15
Jan-16
Jan-17
Jan-18
Jan-19
Jan-20
Jan-21
Jan-22
Jan-23
Jan-24


WATER LEVELS & CHLORINATED SOLVENT CONCENTRATIONS
B- 6M
WaterLevel
Top of Rock
Zone 1
Zone 2
Zone 3
Zone 4
Total VOC
DCE
Vinyl Chloride
TCE
WL Trend
Total VOC Trend
DCE Trend
VC Trend
TCE Trend
WATER TABLE ELEVATION (ft)
CONCENTRATION (ppb)
DATE
670
660
650
640
630
620
610
600
590
580
100000
10000
1000
100
10
1
0.1
0.01
0.001
0.0001
0.00001
Jan-01
Jan-02
Jan-03
Jan-04
Jan-05
Jan-06
Jan-07
Jan-08
Jan-09
Jan-10
Jan-11
Jan-12
Jan-13
Jan-14
Jan-15
Jan-16
Jan-17
Jan-18
Jan-19
Jan-20
Jan-21
Jan-22
Jan-23
Jan-24


WATER LEVELS & CHLORINATED SOLVENT CONCENTRATIONS
B- 7M
WaterLevel
Top of Rock
Zone 1
Zone 2
Zone 3
Zone 4
Total VOC
DCE
Vinyl Chloride
TCE
WL Trend
Total VOC Trend
DCE Trend
VC Trend
TCE Trend
WATER TABLE ELEVATION (ft)
CONCENTRATION (ppb)
670
660
650
640
630
620
610
600
590
580
100000
10000
1000
100
10
1
0.1
0.01
0.001
0.0001
0.00001
Jan-01 Jan-02 Jan-03 Jan-04 Jan-05 Jan-06 Jan-07 Jan-08 Jan-09 Jan-10 Jan-11 Jan-12 Jan-13 Jan-14 Jan-15 Jan-16 Jan-17 Jan-18 Jan-19 Jan-20 Jan-21 Jan-22 Jan-23 Jan-24
DATE


WATER LEVELS & CHLORINATED SOLVENT CONCENTRATIONS
B- 8M
WaterLevel
Top of Rock
Zone 1
Zone 2
Zone 3
Zone 4
Total VOC
DCE
Vinyl Chloride
TCE
WL Trend
Total VOC Trend
DCE Trend
VC Trend
TCE Trend
WATER TABLE ELEVATION (ft)
CONCENTRATION (ppb)
DATE
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Jan-01
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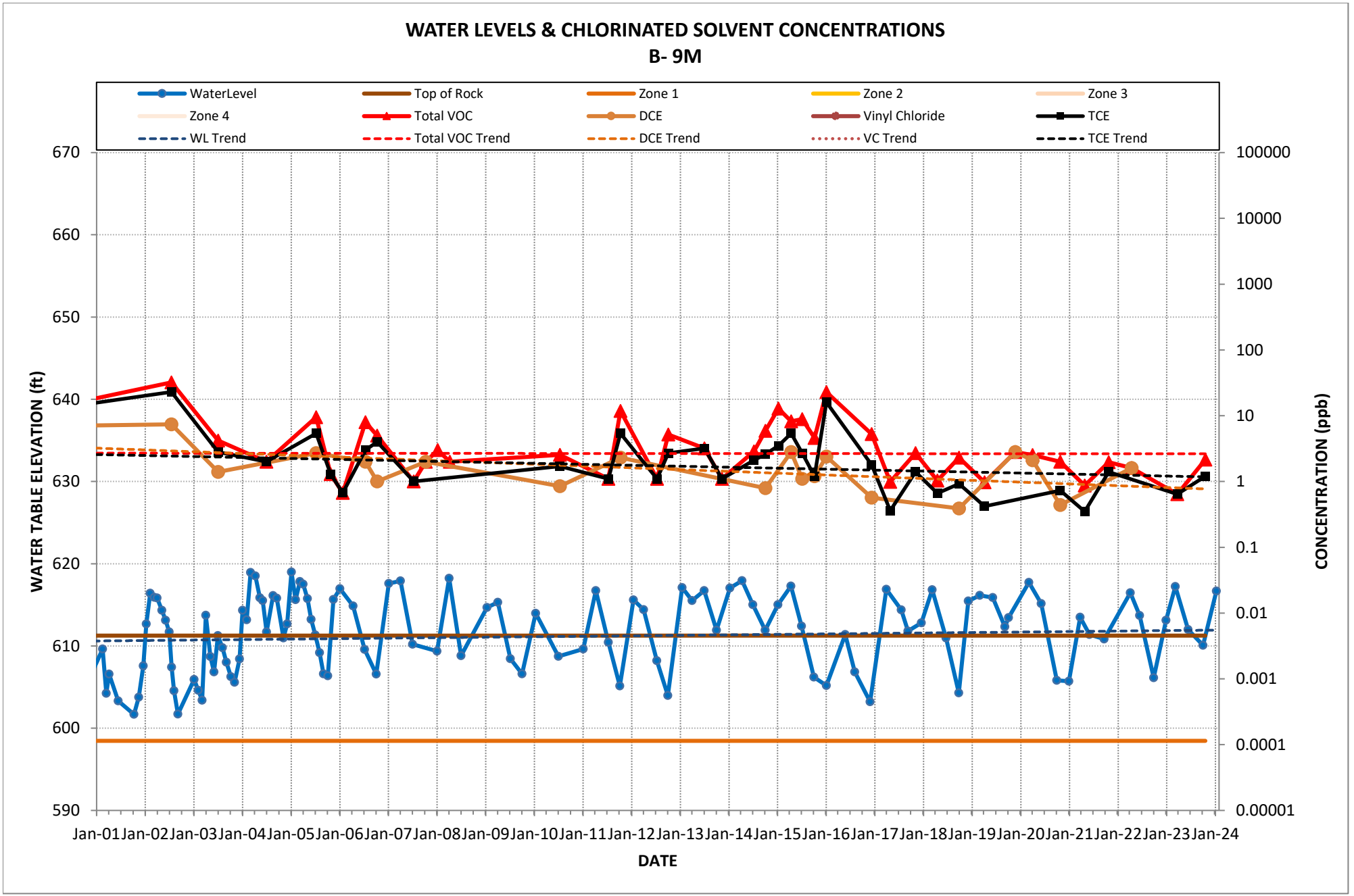
Jan-24


WATER LEVELS & CHLORINATED SOLVENT CONCENTRATIONS
B- 9M
WaterLevel
Top of Rock
Zone 1
Zone 2
Zone 3
Zone 4
Total VOC
DCE
Vinyl Chloride
TCE
WL Trend
Total VOC Trend
DCE Trend
VC Trend
TCE Trend
WATER TABLE ELEVATION (ft)
CONCENTRATION (ppb)
DATE
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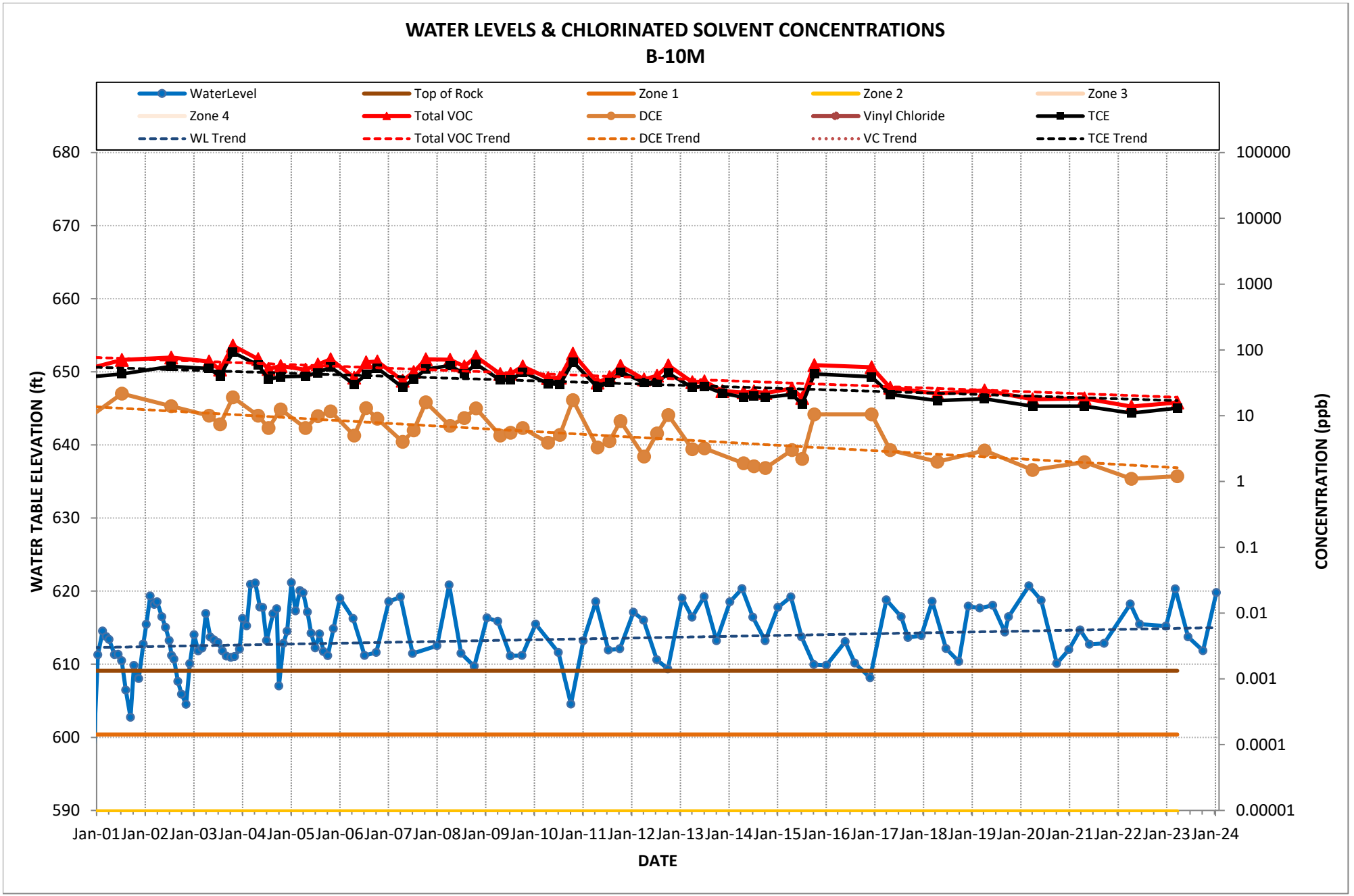
Jan-01 Jan-02 Jan-03 Jan-04 Jan-05 Jan-06 Jan-07 Jan-08 Jan-09 Jan-10 Jan-11 Jan-12 Jan-13 Jan-14 Jan-15 Jan-16 Jan-17 Jan-18 Jan-19 Jan-20 Jan-21 Jan-22 Jan-23 Jan-24


WATER LEVELS & CHLORINATED SOLVENT CONCENTRATIONS
B-10M
WaterLevel
Top of Rock
Zone 1
Zone 2
Zone 3
Zone 4
Total VOC
DCE
Vinyl Chloride
TCE
WL Trend
Total VOC Trend
DCE Trend
VC Trend
TCE Trend
WATER TABLE ELEVATION (ft)
680
670
660
650
640
630
620
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600
590
CONCENTRATION (ppb)
100000
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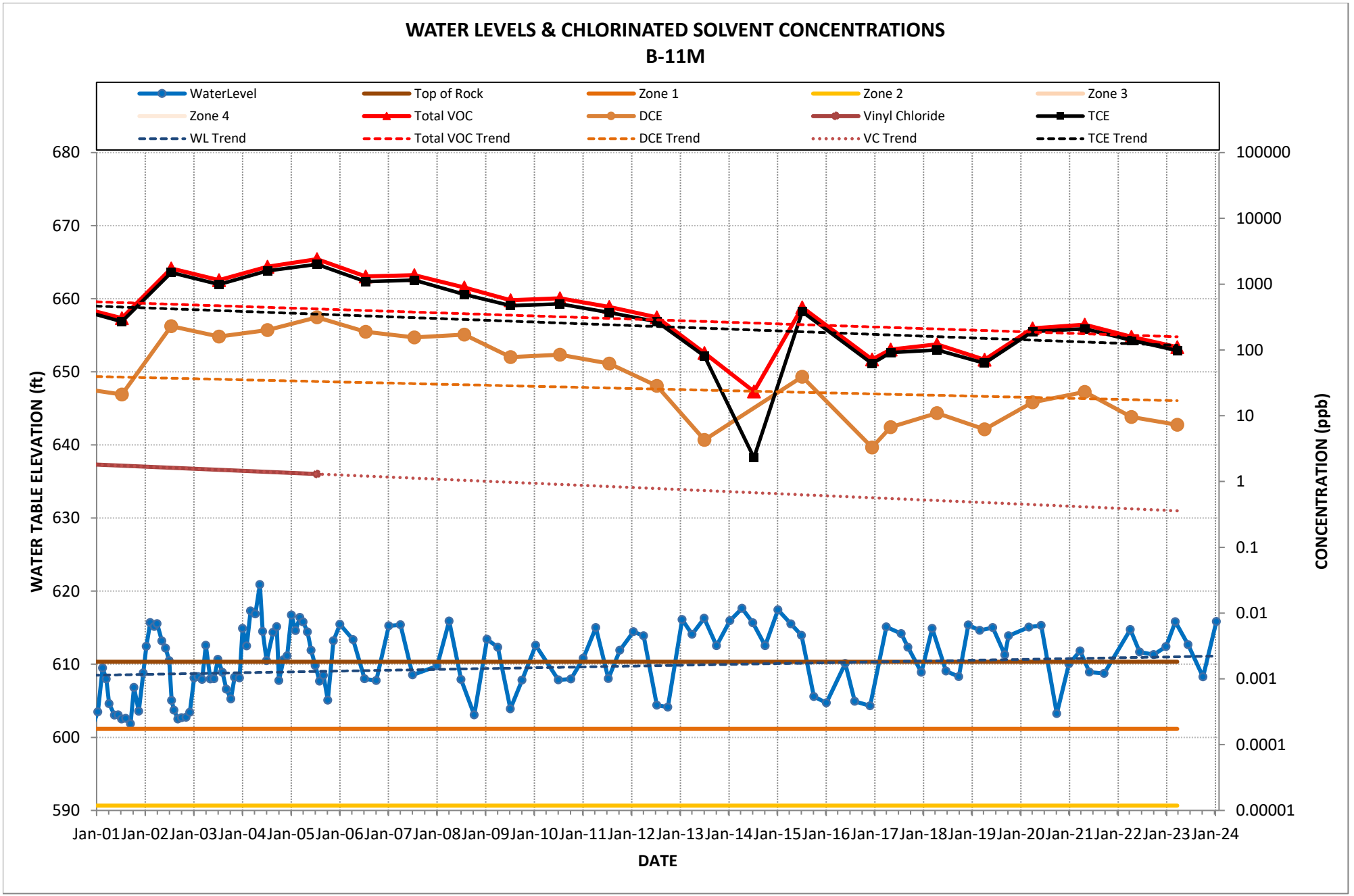
Jan-01 Jan-02 Jan-03 Jan-04 Jan-05 Jan-06 Jan-07 Jan-08 Jan-09 Jan-10 Jan-11 Jan-12 Jan-13 Jan-14 Jan-15 Jan-16 Jan-17 Jan-18 Jan-19 Jan-20 Jan-21 Jan-22 Jan-23 Jan-24
DATE


WATER LEVELS & CHLORINATED SOLVENT CONCENTRATIONS
B-11M
WaterLevel
Top of Rock
Zone 1
Zone 2
Zone 3
Zone 4
Total VOC
DCE
Vinyl Chloride
TCE
WL Trend
Total VOC Trend
DCE Trend
VC Trend
TCE Trend
WATER TABLE ELEVATION (ft)
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CONCENTRATION (ppb)
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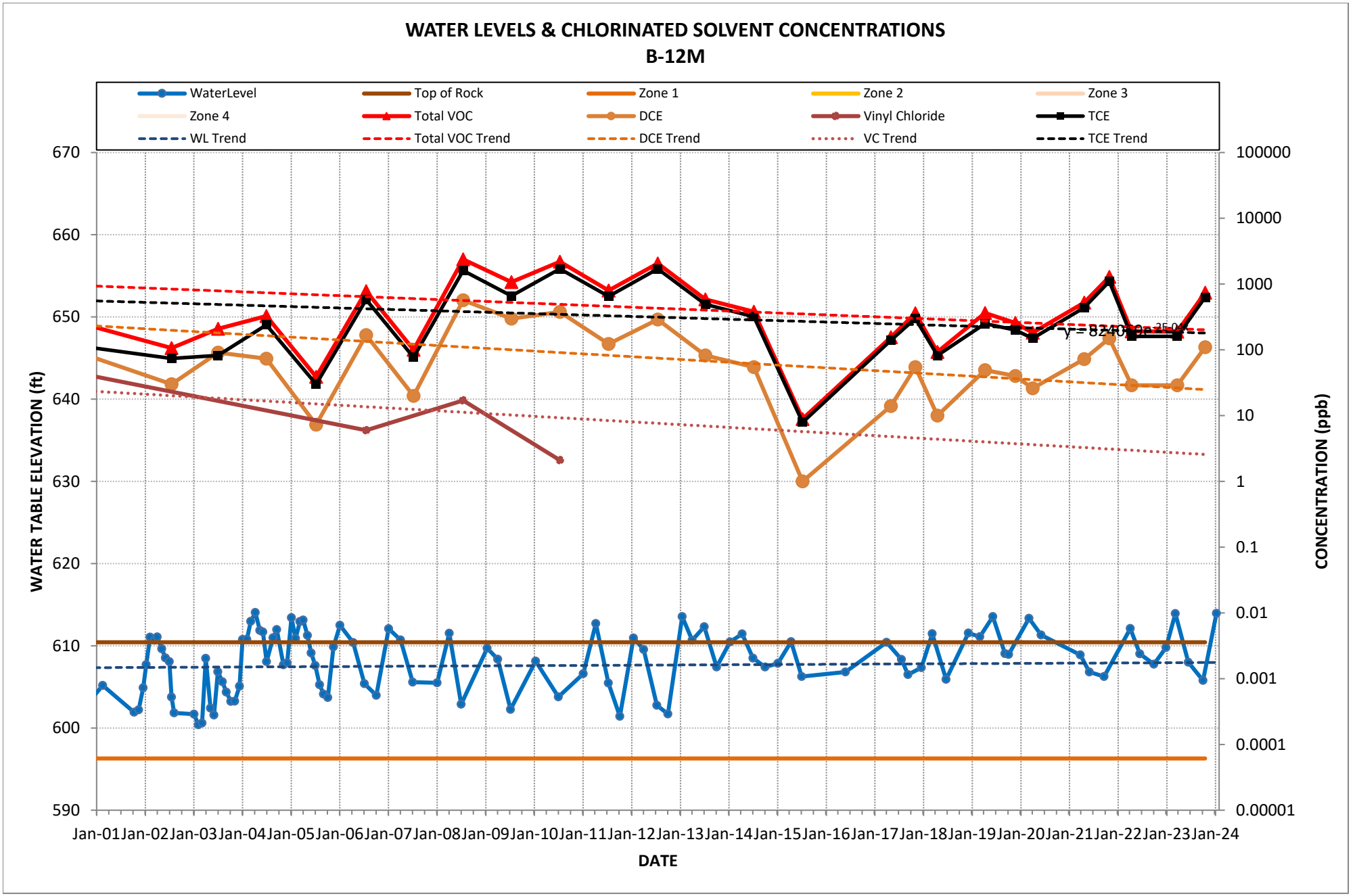
Jan-01 Jan-02 Jan-03 Jan-04 Jan-05 Jan-06 Jan-07 Jan-08 Jan-09 Jan-10 Jan-11 Jan-12 Jan-13 Jan-14 Jan-15 Jan-16 Jan-17 Jan-18 Jan-19 Jan-20 Jan-21 Jan-22 Jan-23 Jan-24
DATE


WATER LEVELS & CHLORINATED SOLVENT CONCENTRATIONS
B-12M
WaterLevel
Top of Rock
Zone 1
Zone 2
Zone 3
Zone 4
Total VOC
DCE
Vinyl Chloride
TCE
WL Trend
Total VOC Trend
DCE Trend
VC Trend
TCE Trend
WATER TABLE ELEVATION (ft)
CONCENTRATION (ppb)
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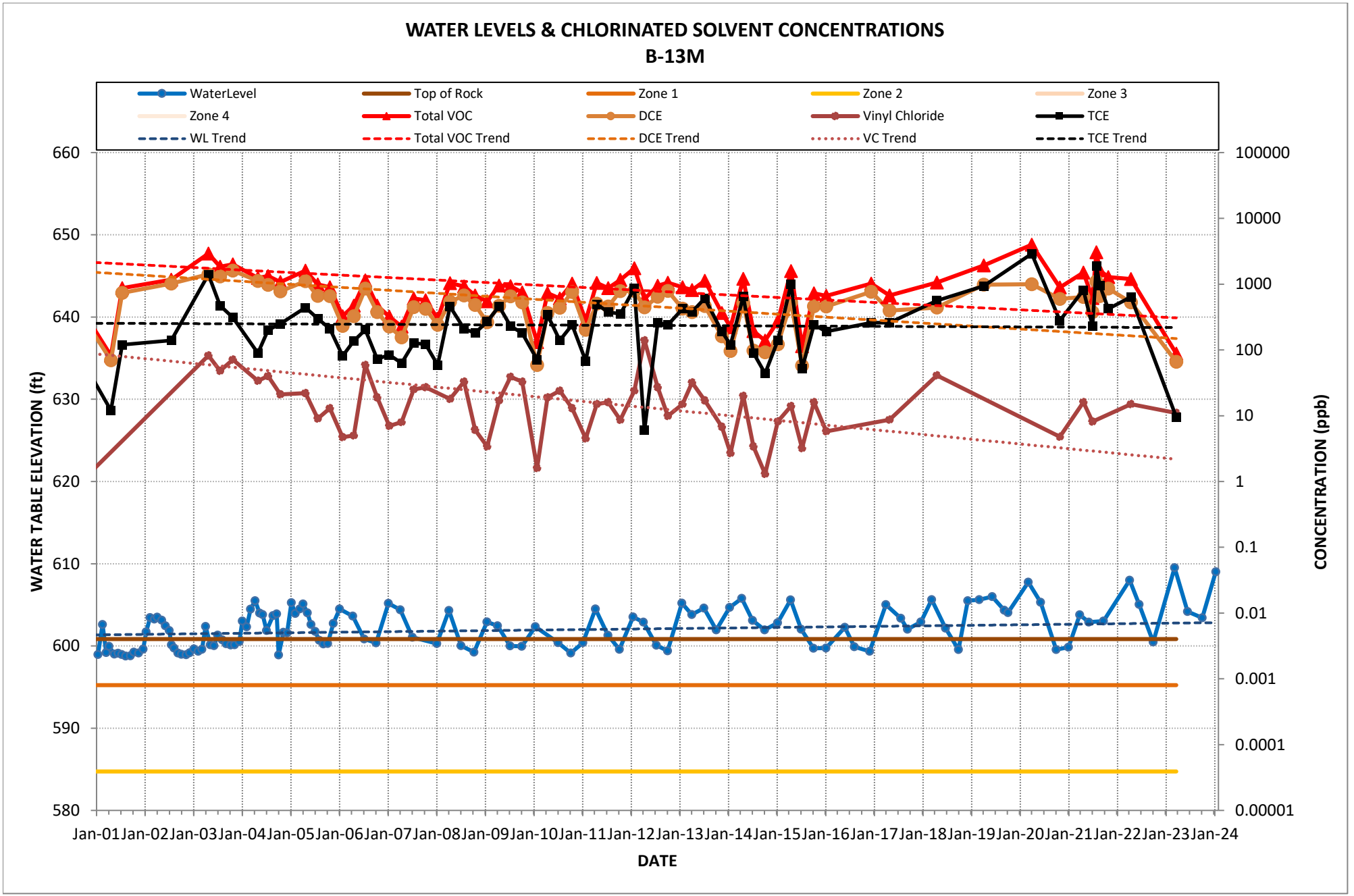
Jan-01 Jan-02 Jan-03 Jan-04 Jan-05 Jan-06 Jan-07 Jan-08 Jan-09 Jan-10 Jan-11 Jan-12 Jan-13 Jan-14 Jan-15 Jan-16 Jan-17 Jan-18 Jan-19 Jan-20 Jan-21 Jan-22 Jan-23 Jan-24


WATER LEVELS & CHLORINATED SOLVENT CONCENTRATIONS
B-13M
WaterLevel
Top of Rock
Zone 1
Zone 2
Zone 3
Zone 4
Total VOC
DCE
Vinyl Chloride
TCE
WL Trend
Total VOC Trend
DCE Trend
VC Trend
TCE Trend
WATER TABLE ELEVATION (ft)
CONCENTRATION (ppb)
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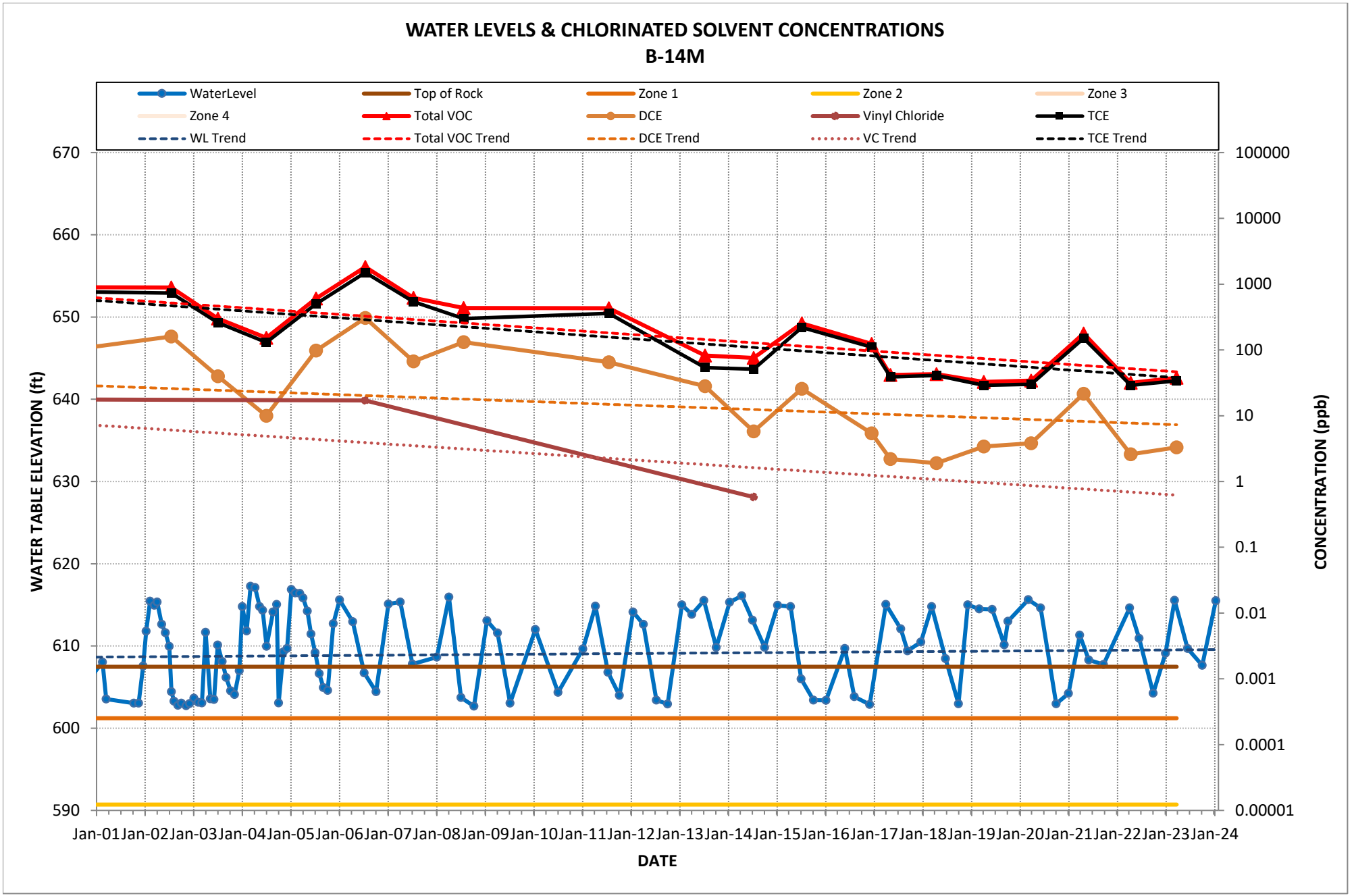
Jan-01 Jan-02 Jan-03 Jan-04 Jan-05 Jan-06 Jan-07 Jan-08 Jan-09 Jan-10 Jan-11 Jan-12 Jan-13 Jan-14 Jan-15 Jan-16 Jan-17 Jan-18 Jan-19 Jan-20 Jan-21 Jan-22 Jan-23 Jan-24
DATE


WATER LEVELS & CHLORINATED SOLVENT CONCENTRATIONS
B-14M
WaterLevel
Top of Rock
Zone 1
Zone 2
Zone 3
Zone 4
Total VOC
DCE
Vinyl Chloride
TCE
WL Trend
Total VOC Trend
DCE Trend
VC Trend
TCE Trend
WATER TABLE ELEVATION (ft)
CONCENTRATION (ppb)
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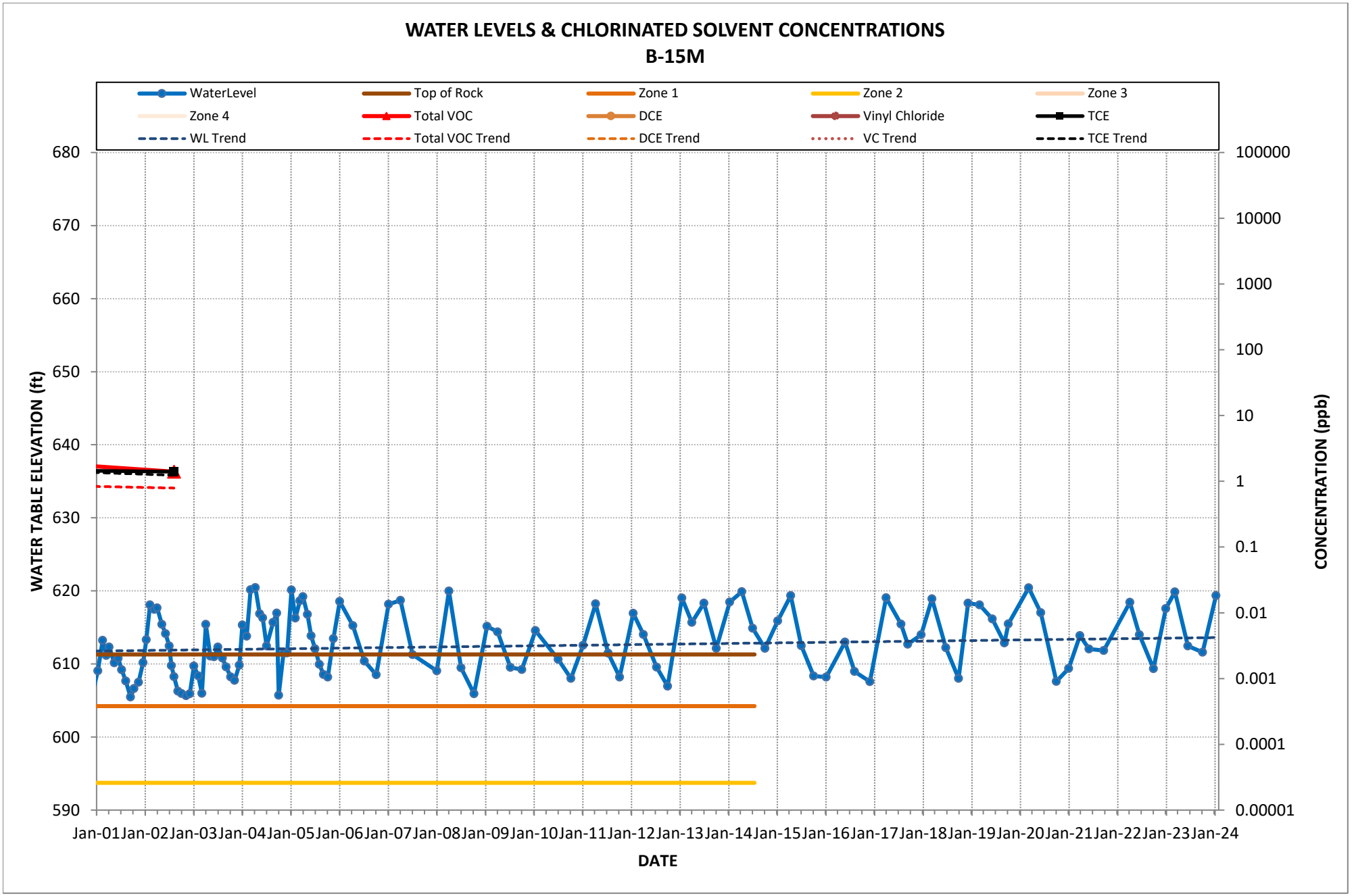
Jan-01 Jan-02 Jan-03 Jan-04 Jan-05 Jan-06 Jan-07 Jan-08 Jan-09 Jan-10 Jan-11 Jan-12 Jan-13 Jan-14 Jan-15 Jan-16 Jan-17 Jan-18 Jan-19 Jan-20 Jan-21 Jan-22 Jan-23 Jan-24
DATE


WATER LEVELS & CHLORINATED SOLVENT CONCENTRATIONS
B-15M
WaterLevel
Top of Rock
Zone 1
Zone 2
Zone 3
Zone 4
Total VOC
DCE
Vinyl Chloride
TCE
WL Trend
Total VOC Trend
DCE Trend
VC Trend
TCE Trend
WATER TABLE ELEVATION (ft)
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CONCENTRATION (ppb)
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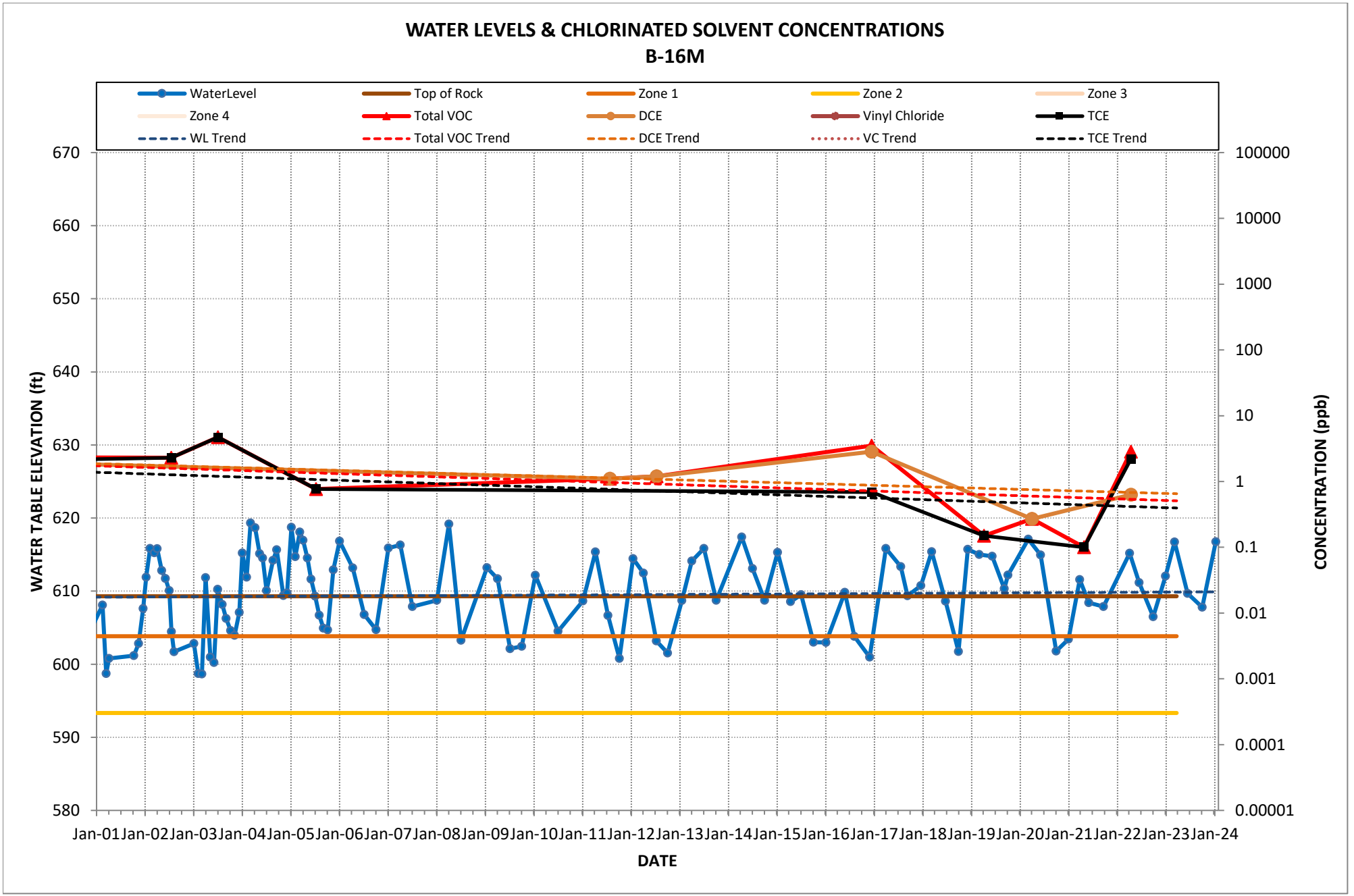
Jan-01 Jan-02 Jan-03 Jan-04 Jan-05 Jan-06 Jan-07 Jan-08 Jan-09 Jan-10 Jan-11 Jan-12 Jan-13 Jan-14 Jan-15 Jan-16 Jan-17 Jan-18 Jan-19 Jan-20 Jan-21 Jan-22 Jan-23 Jan-24
DATE


WATER LEVELS & CHLORINATED SOLVENT CONCENTRATIONS
B-16M
WaterLevel
Top of Rock
Zone 1
Zone 2
Zone 3
Zone 4
Total VOC
DCE
Vinyl Chloride
TCE
WL Trend
Total VOC Trend
DCE Trend
VC Trend
TCE Trend
WATER TABLE ELEVATION (ft)
CONCENTRATION (ppb)
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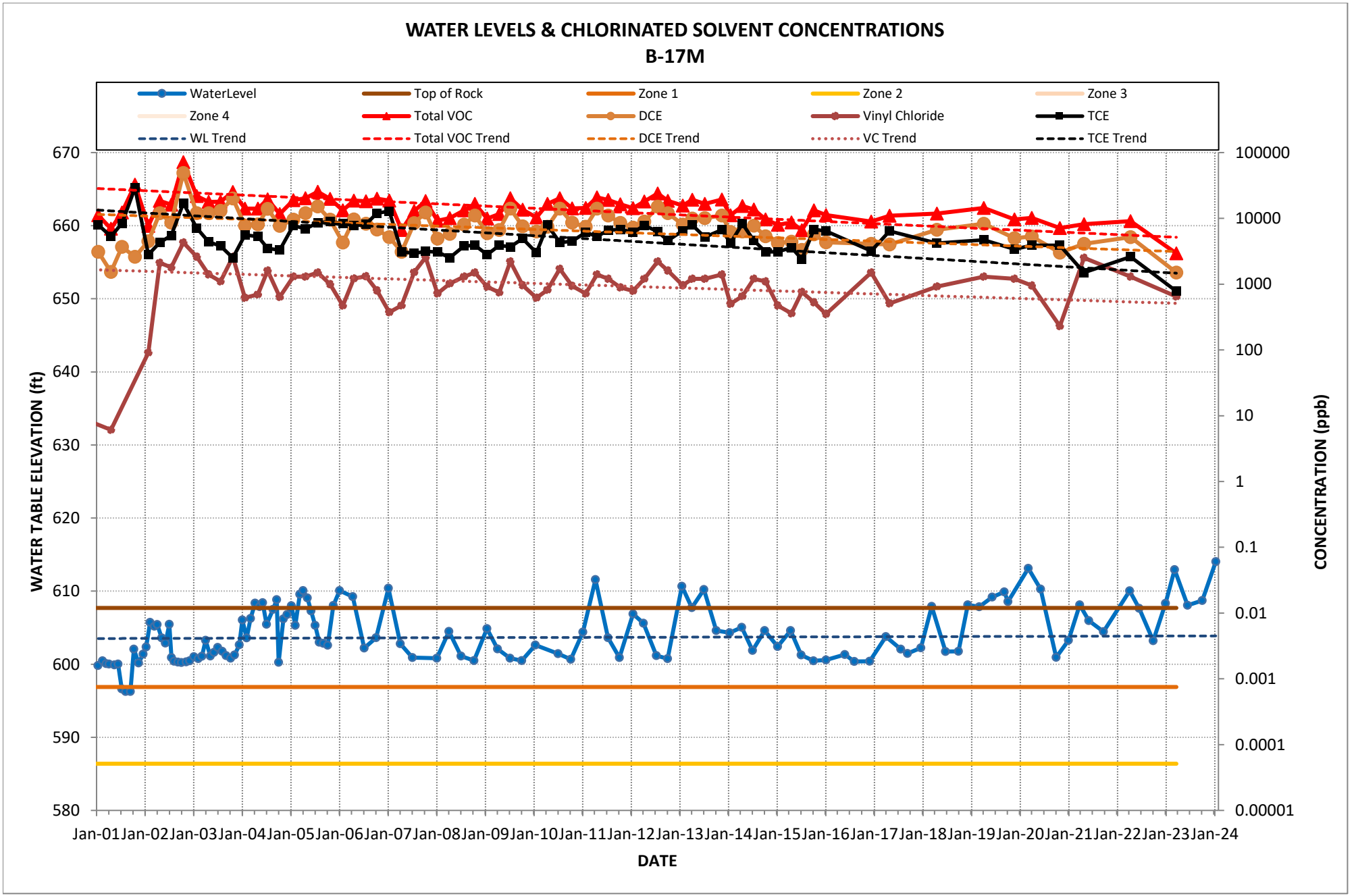
WATER LEVELS & CHLORINATED SOLVENT CONCENTRATIONS
B-17M
WaterLevel
Top of Rock
Zone 1
Zone 2
Zone 3
Zone 4
Total VOC
DCE
Vinyl Chloride
TCE
WL Trend
Total VOC Trend
DCE Trend
VC Trend
TCE Trend
WATER TABLE ELEVATION (ft)
CONCENTRATION (ppb)
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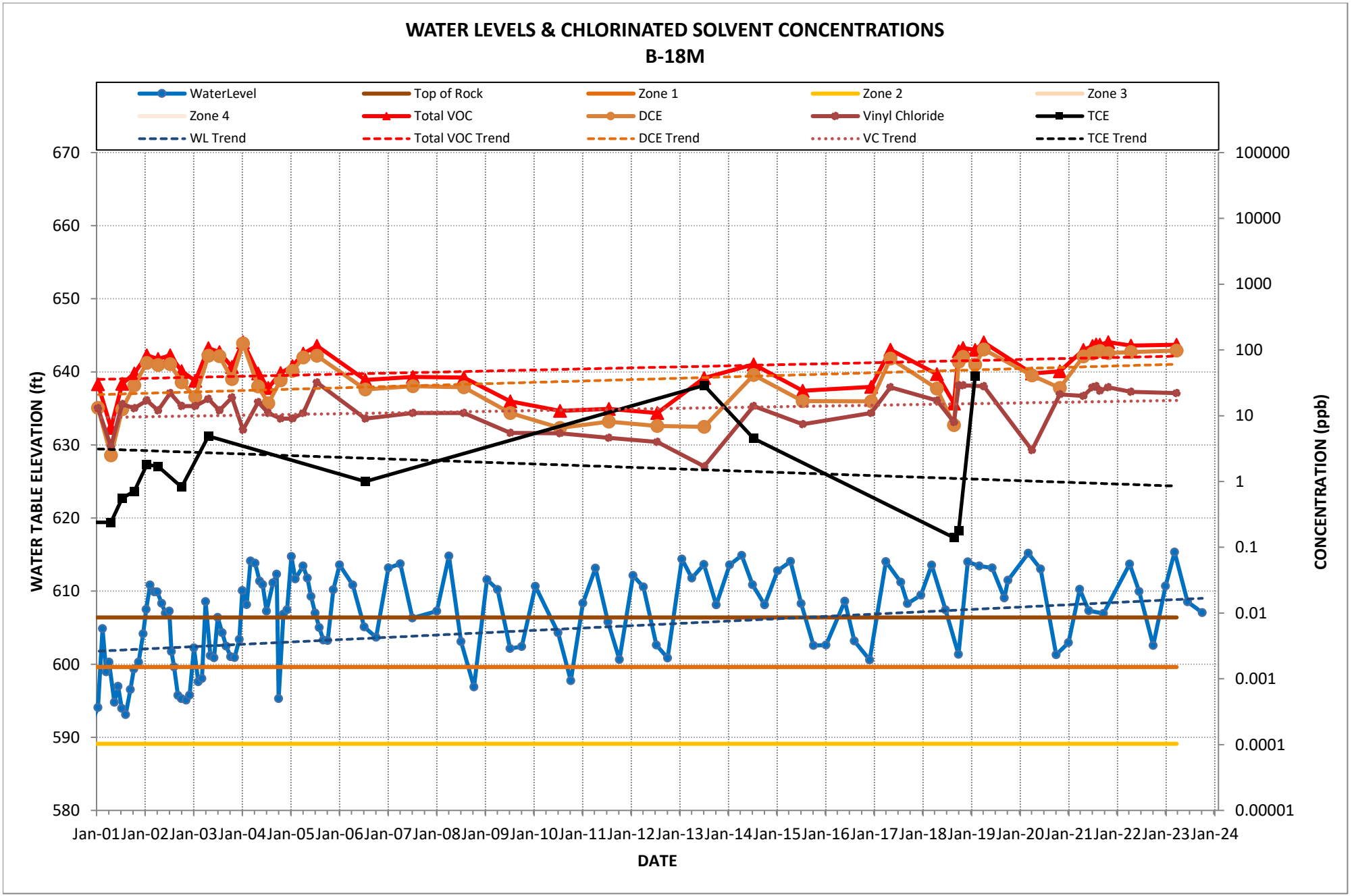
Jan-01 Jan-02 Jan-03 Jan-04 Jan-05 Jan-06 Jan-07 Jan-08 Jan-09 Jan-10 Jan-11 Jan-12 Jan-13 Jan-14 Jan-15 Jan-16 Jan-17 Jan-18 Jan-19 Jan-20 Jan-21 Jan-22 Jan-23 Jan-24


WATER LEVELS & CHLORINATED SOLVENT CONCENTRATIONS
B-18M
WaterLevel
Top of Rock
Zone 1
Zone 2
Zone 3
Zone 4
Total VOC
DCE
Vinyl Chloride
TCE
WL Trend
Total VOC Trend
DCE Trend
VC Trend
TCE Trend
WATER TABLE ELEVATION (ft)
CONCENTRATION (ppb)
DATE
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Jan-01
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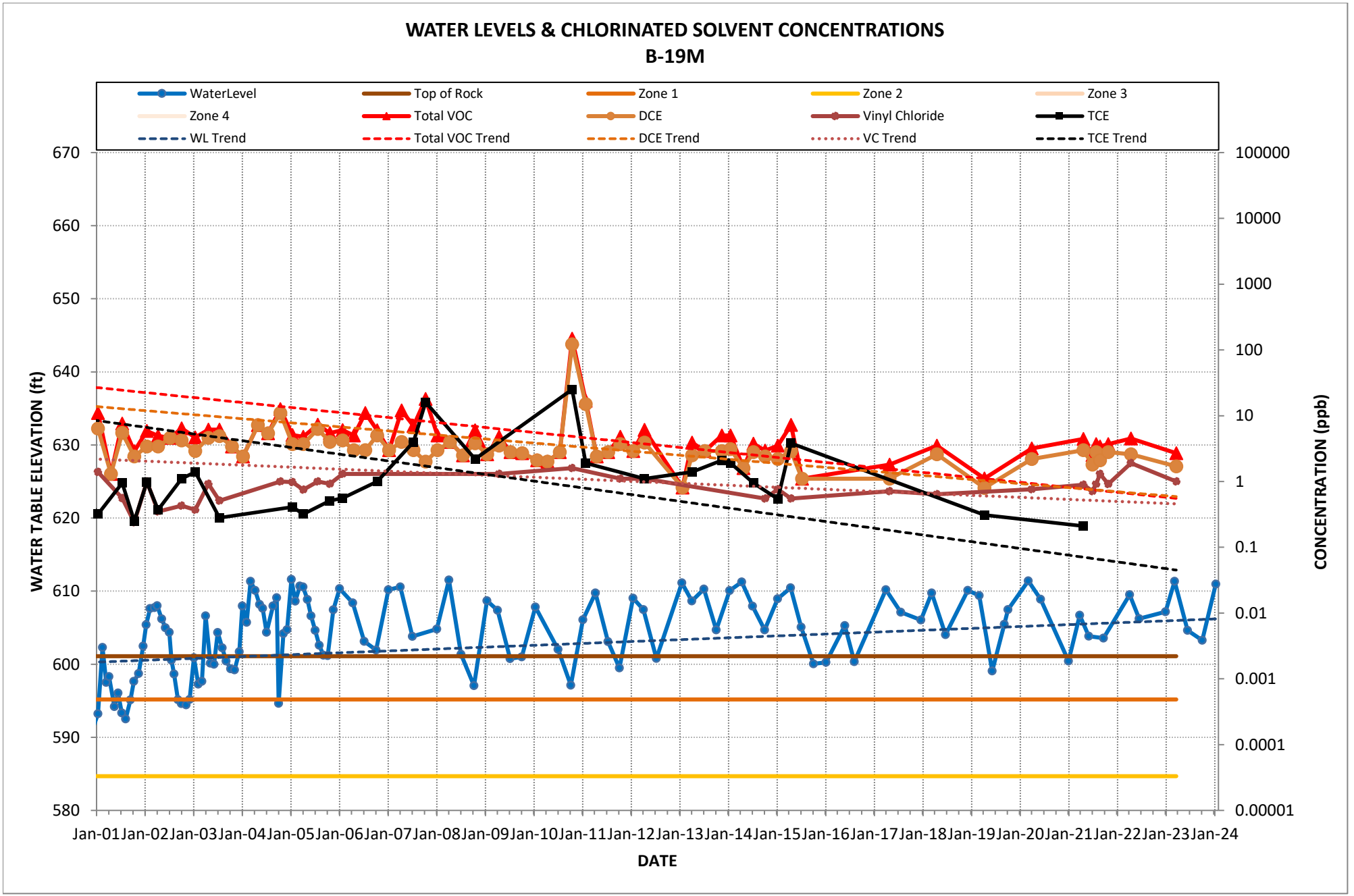
Jan-23
Jan-24


WATER LEVELS & CHLORINATED SOLVENT CONCENTRATIONS
B-19M
WaterLevel
Top of Rock
Zone 1
Zone 2
Zone 3
Zone 4
Total VOC
DCE
Vinyl Chloride
TCE
WL Trend
Total VOC Trend
DCE Trend
VC Trend
TCE Trend
WATER TABLE ELEVATION (ft)
CONCENTRATION (ppb)
DATE
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Jan-01
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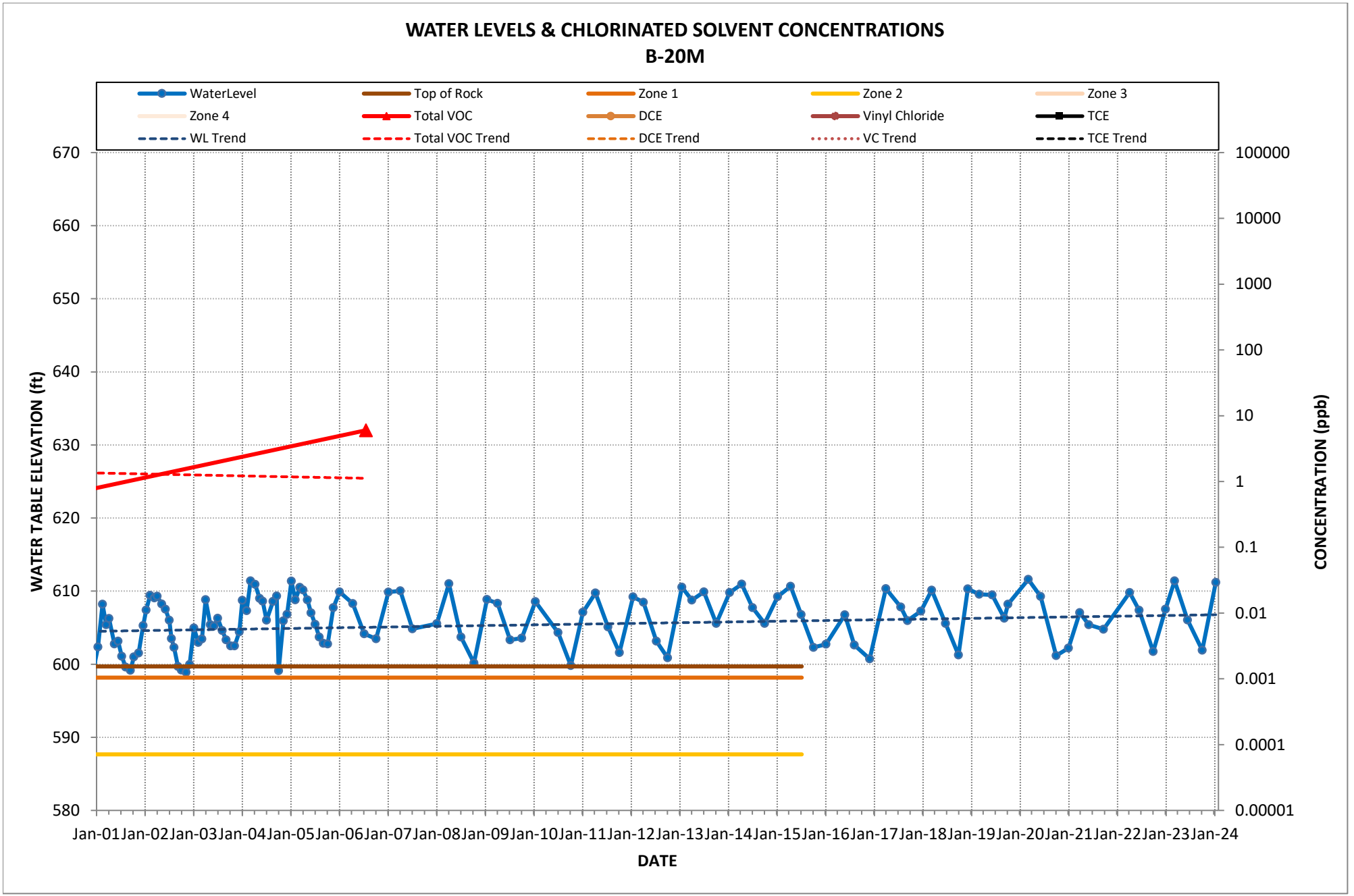
Jan-22
Jan-23
Jan-24


WATER LEVELS & CHLORINATED SOLVENT CONCENTRATIONS
B-20M
WaterLevel
Top of Rock
Zone 1
Zone 2
Zone 3
Zone 4
Total VOC
DCE
Vinyl Chloride
TCE
WL Trend
Total VOC Trend
DCE Trend
VC Trend
TCE Trend
WATER TABLE ELEVATION (ft)
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CONCENTRATION (ppb)
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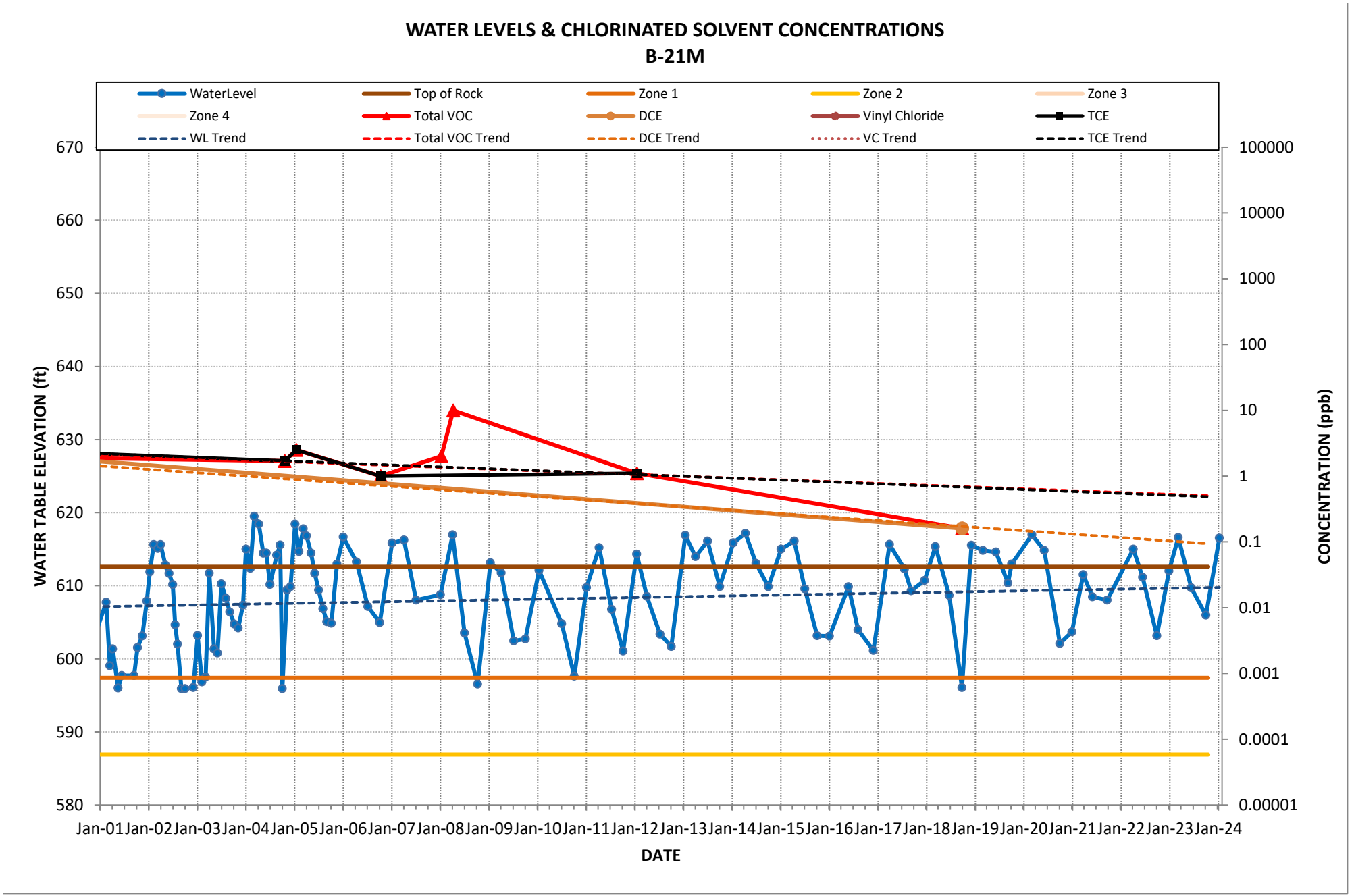
Jan-01 Jan-02 Jan-03 Jan-04 Jan-05 Jan-06 Jan-07 Jan-08 Jan-09 Jan-10 Jan-11 Jan-12 Jan-13 Jan-14 Jan-15 Jan-16 Jan-17 Jan-18 Jan-19 Jan-20 Jan-21 Jan-22 Jan-23 Jan-24
DATE


WATER LEVELS & CHLORINATED SOLVENT CONCENTRATIONS
B-21M
WaterLevel
Top of Rock
Zone 1
Zone 2
Zone 3
Zone 4
Total VOC
DCE
Vinyl Chloride
TCE
WL Trend
Total VOC Trend
DCE Trend
VC Trend
TCE Trend
WATER TABLE ELEVATION (ft)
CONCENTRATION (ppb)
DATE
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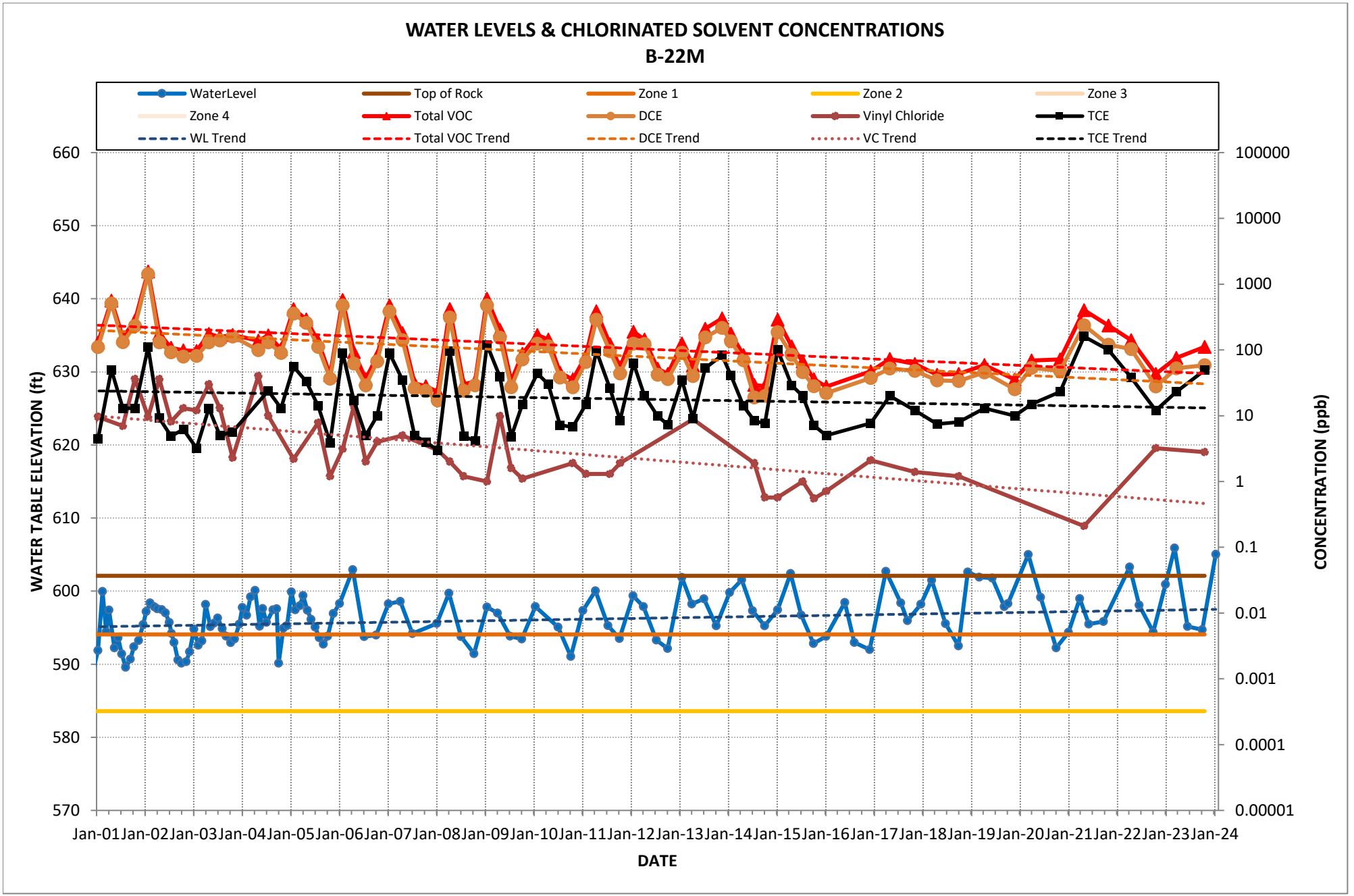
Jan-01 Jan-02 Jan-03 Jan-04 Jan-05 Jan-06 Jan-07 Jan-08 Jan-09 Jan-10 Jan-11 Jan-12 Jan-13 Jan-14 Jan-15 Jan-16 Jan-17 Jan-18 Jan-19 Jan-20 Jan-21 Jan-22 Jan-23 Jan-24


WATER LEVELS & CHLORINATED SOLVENT CONCENTRATIONS
B-22M
WaterLevel
Top of Rock
Zone 1
Zone 2
Zone 3
Zone 4
Total VOC
DCE
Vinyl Chloride
TCE
WL Trend
Total VOC Trend
DCE Trend
VC Trend
TCE Trend
WATER TABLE ELEVATION (ft)
CONCENTRATION (ppb)
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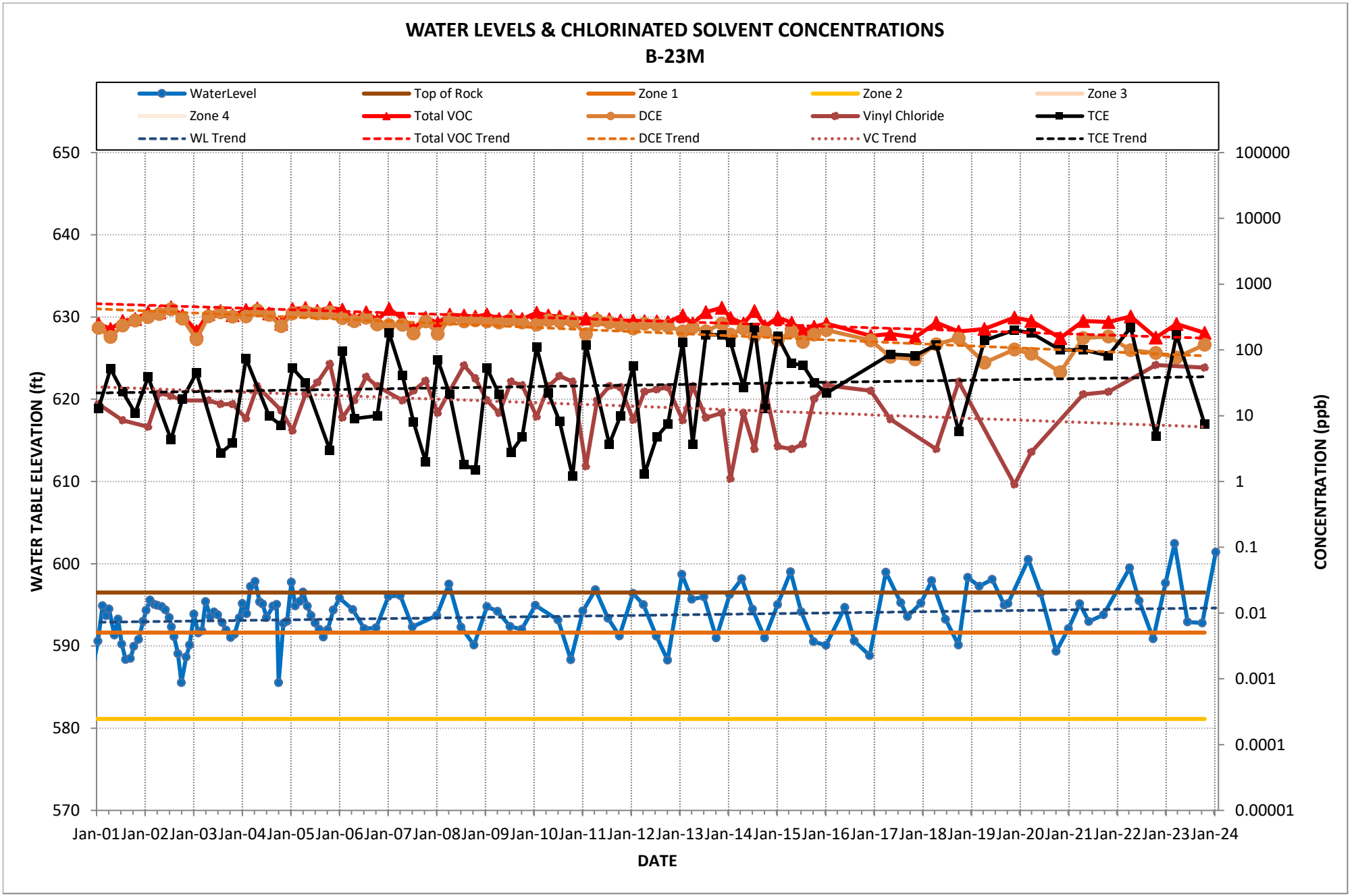
Jan-01 Jan-02 Jan-03 Jan-04 Jan-05 Jan-06 Jan-07 Jan-08 Jan-09 Jan-10 Jan-11 Jan-12 Jan-13 Jan-14 Jan-15 Jan-16 Jan-17 Jan-18 Jan-19 Jan-20 Jan-21 Jan-22 Jan-23 Jan-24
DATE


WATER LEVELS & CHLORINATED SOLVENT CONCENTRATIONS
B-23M
WaterLevel
Top of Rock
Zone 1
Zone 2
Zone 3
Zone 4
Total VOC
DCE
Vinyl Chloride
TCE
WL Trend
Total VOC Trend
DCE Trend
VC Trend
TCE Trend
WATER TABLE ELEVATION (ft)
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CONCENTRATION (ppb)
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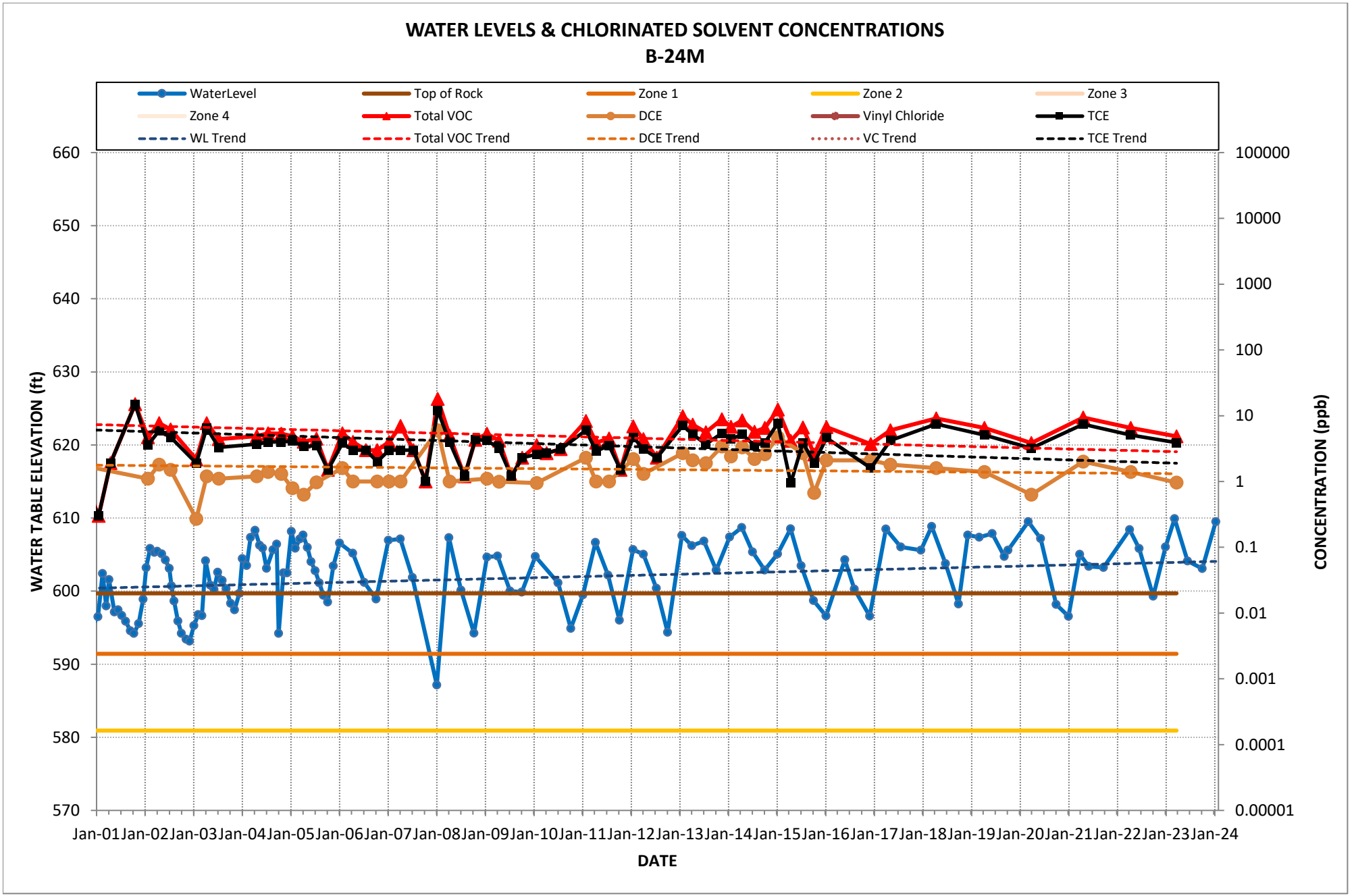
Jan-01 Jan-02 Jan-03 Jan-04 Jan-05 Jan-06 Jan-07 Jan-08 Jan-09 Jan-10 Jan-11 Jan-12 Jan-13 Jan-14 Jan-15 Jan-16 Jan-17 Jan-18 Jan-19 Jan-20 Jan-21 Jan-22 Jan-23 Jan-24
DATE


WATER LEVELS & CHLORINATED SOLVENT CONCENTRATIONS
B-24M
WaterLevel
Top of Rock
Zone 1
Zone 2
Zone 3
Zone 4
Total VOC
DCE
Vinyl Chloride
TCE
WL Trend
Total VOC Trend
DCE Trend
VC Trend
TCE Trend
WATER TABLE ELEVATION (ft)
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CONCENTRATION (ppb)
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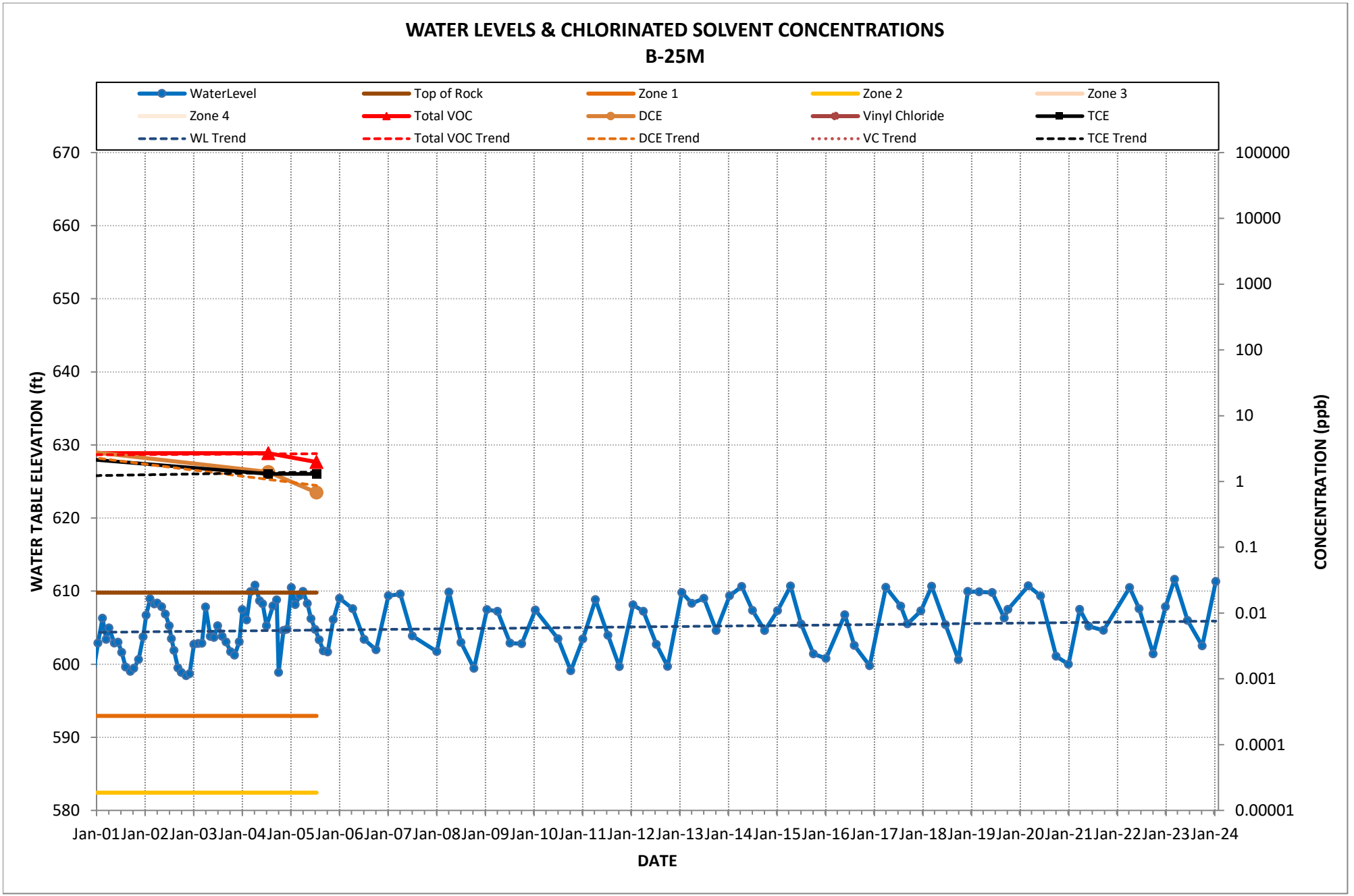
Jan-01 Jan-02 Jan-03 Jan-04 Jan-05 Jan-06 Jan-07 Jan-08 Jan-09 Jan-10 Jan-11 Jan-12 Jan-13 Jan-14 Jan-15 Jan-16 Jan-17 Jan-18 Jan-19 Jan-20 Jan-21 Jan-22 Jan-23 Jan-24
DATE


WATER LEVELS & CHLORINATED SOLVENT CONCENTRATIONS
B-25M
WaterLevel
Top of Rock
Zone 1
Zone 2
Zone 3
Zone 4
Total VOC
DCE
Vinyl Chloride
TCE
WL Trend
Total VOC Trend
DCE Trend
VC Trend
TCE Trend
WATER TABLE ELEVATION (ft)
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CONCENTRATION (ppb)
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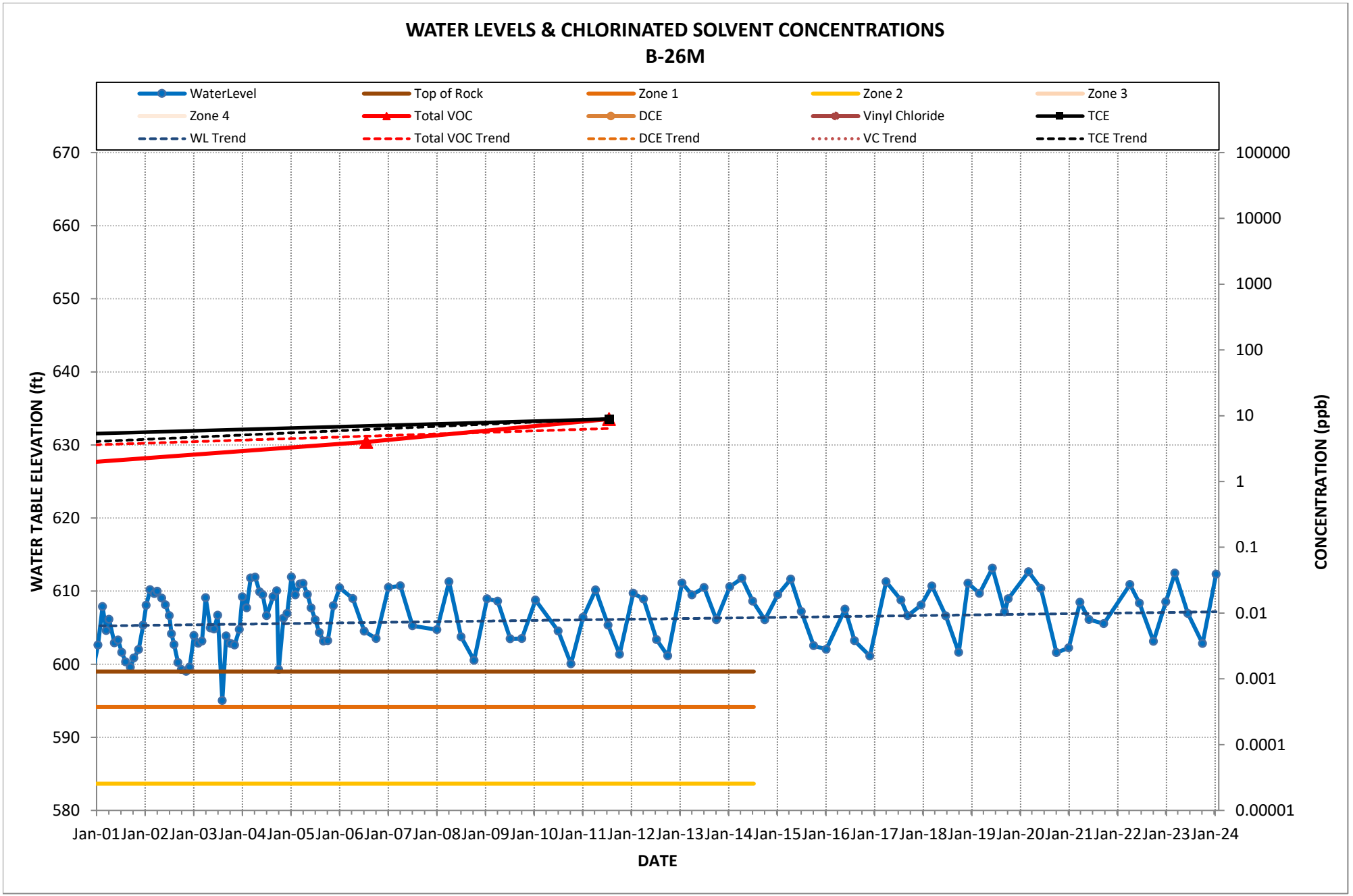
Jan-01 Jan-02 Jan-03 Jan-04 Jan-05 Jan-06 Jan-07 Jan-08 Jan-09 Jan-10 Jan-11 Jan-12 Jan-13 Jan-14 Jan-15 Jan-16 Jan-17 Jan-18 Jan-19 Jan-20 Jan-21 Jan-22 Jan-23 Jan-24
DATE


WATER LEVELS & CHLORINATED SOLVENT CONCENTRATIONS
B-26M
WaterLevel
Top of Rock
Zone 1
Zone 2
Zone 3
Zone 4
Total VOC
DCE
Vinyl Chloride
TCE
WL Trend
Total VOC Trend
DCE Trend
VC Trend
TCE Trend
WATER TABLE ELEVATION (ft)
CONCENTRATION (ppb)
DATE
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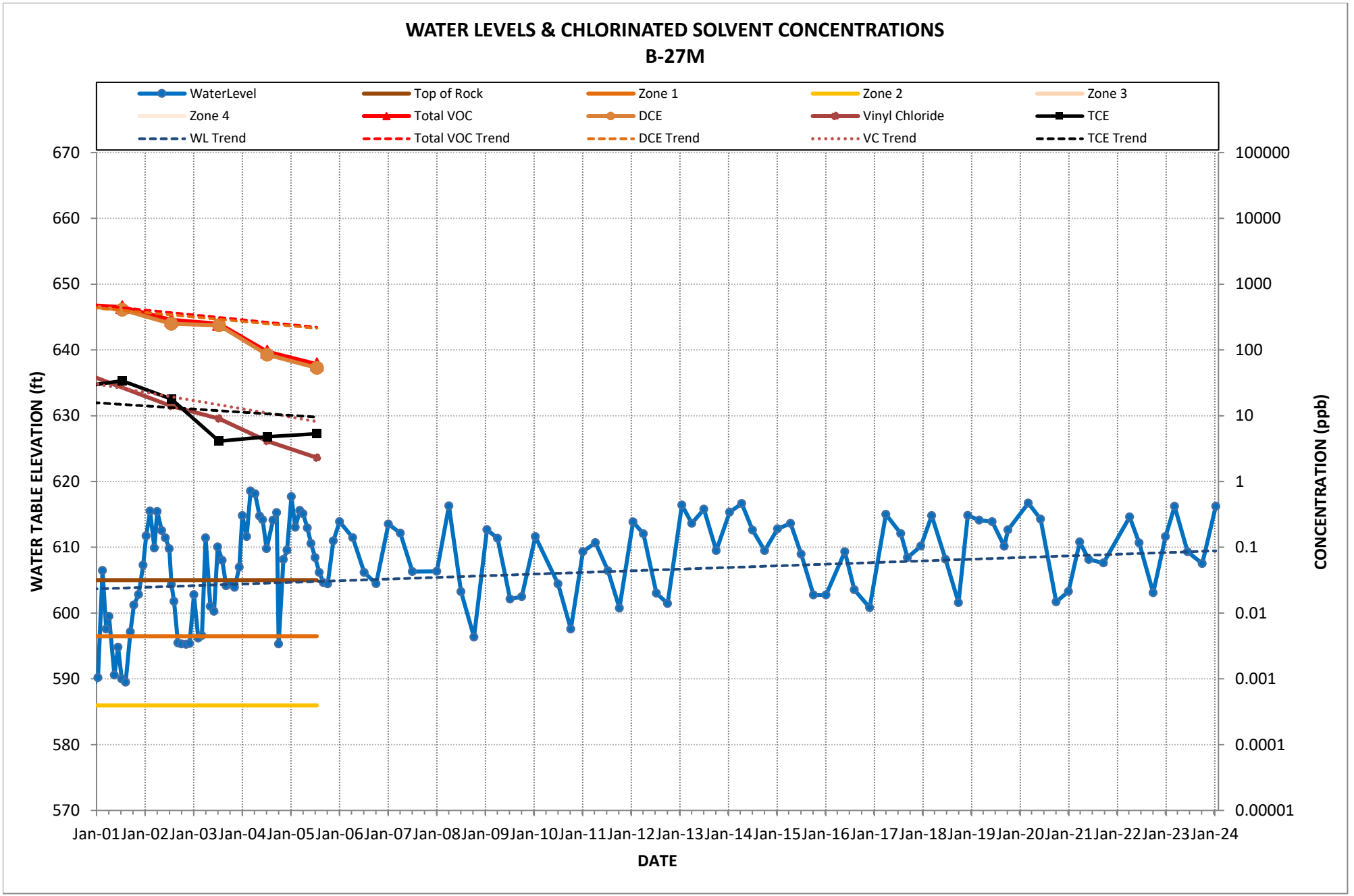
WATER LEVELS & CHLORINATED SOLVENT CONCENTRATIONS
B-27M
WaterLevel
Top of Rock
Zone 1
Zone 2
Zone 3
Zone 4
Total VOC
DCE
Vinyl Chloride
TCE
WL Trend
Total VOC Trend
DCE Trend
VC Trend
TCE Trend
WATER TABLE ELEVATION (ft)
CONCENTRATION (ppb)
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1
0.1
0.01
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0.0001
0.00001
Jan-01
Jan-02
Jan-03
Jan-04
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Jan-06
Jan-07
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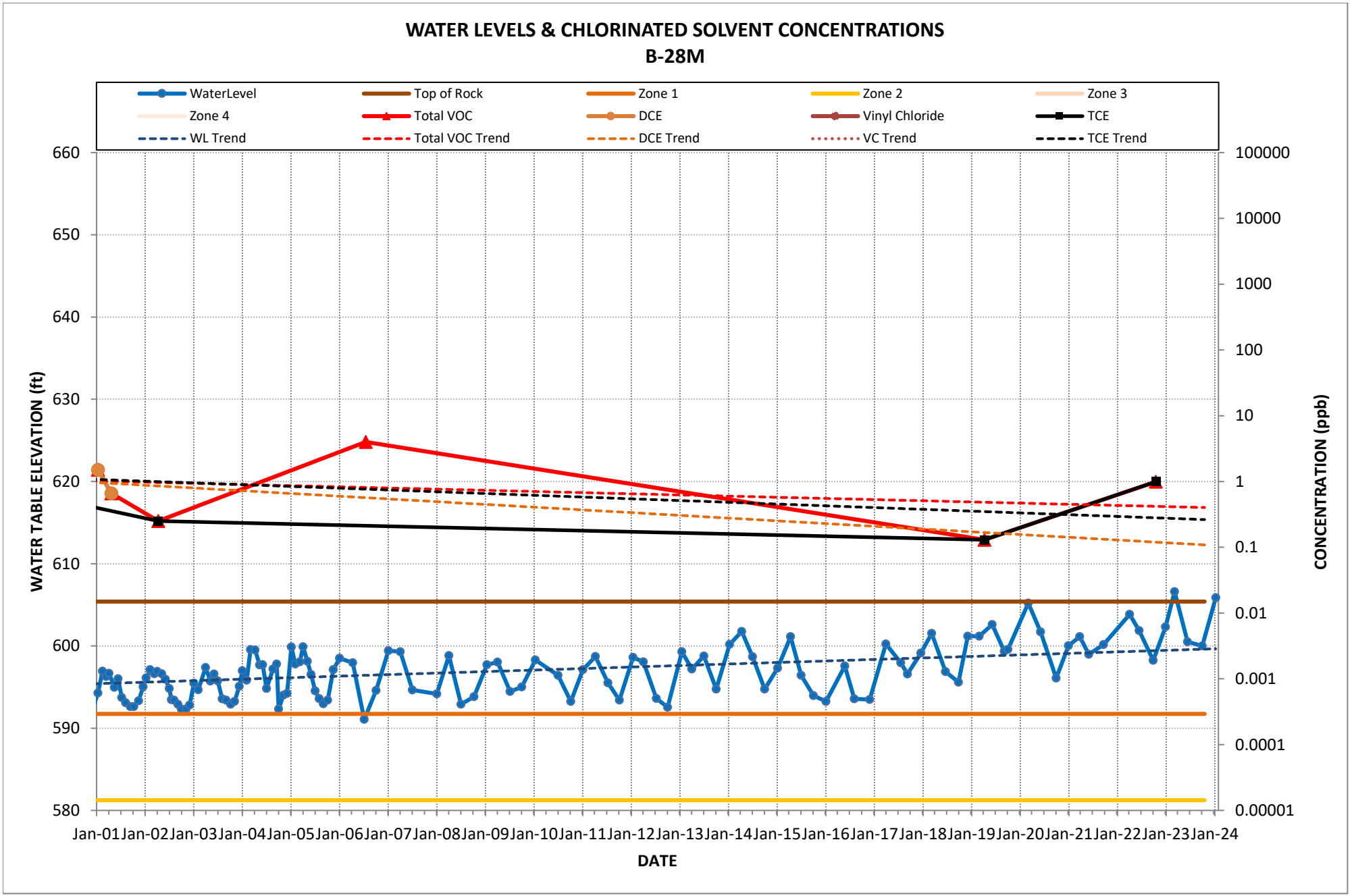
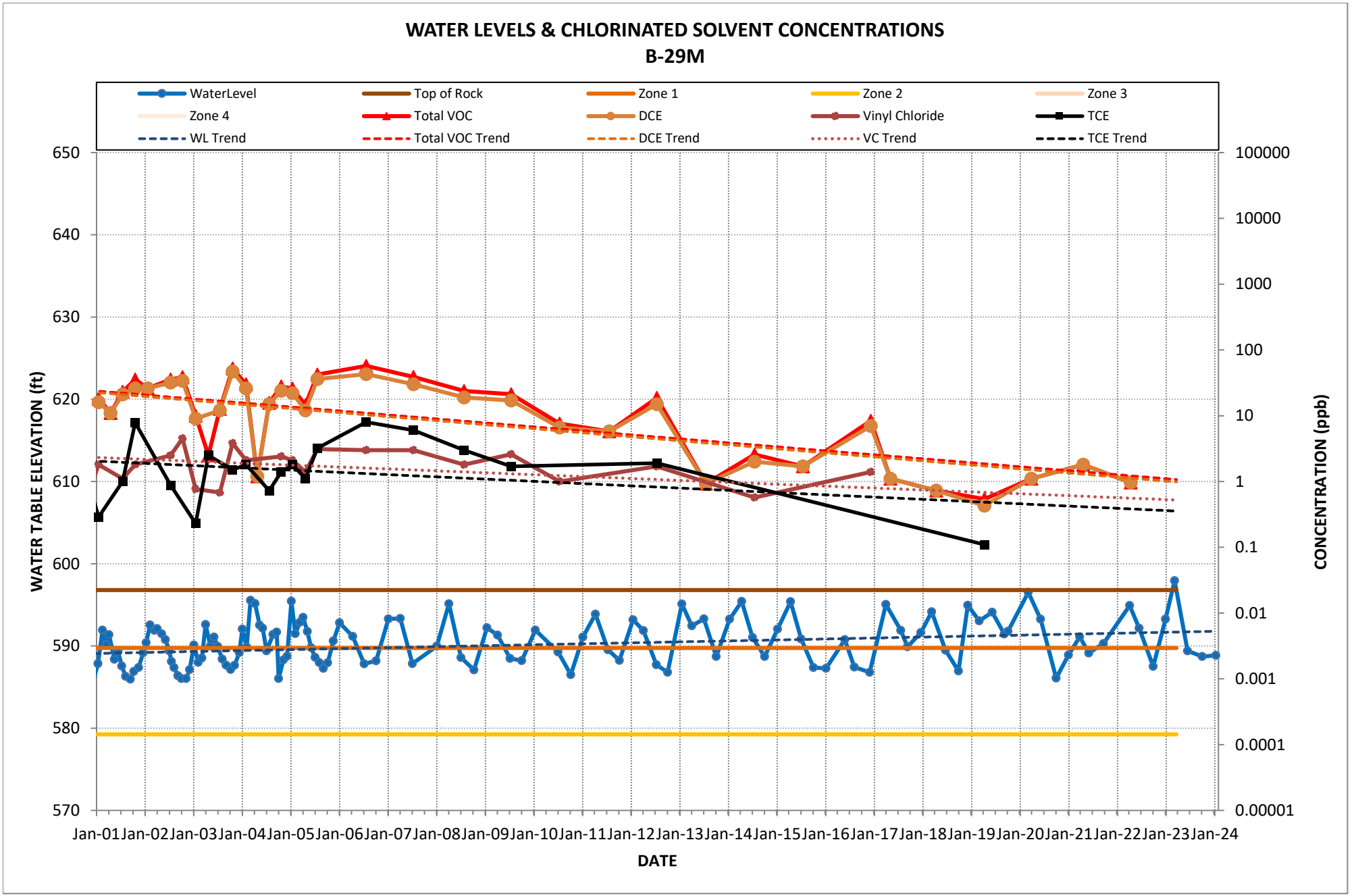
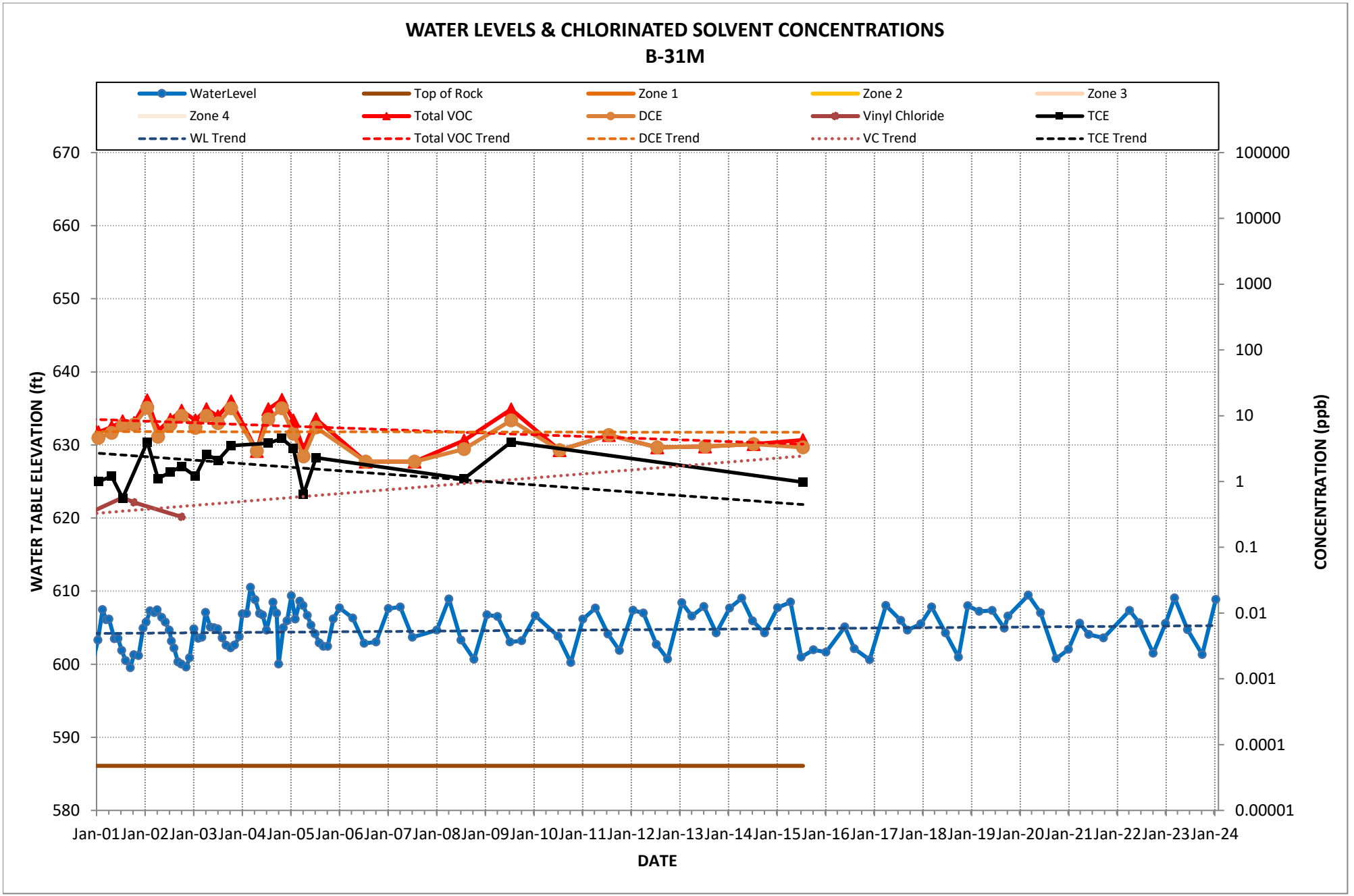
Jan-11
Jan-12
Jan-13
Jan-14
Jan-15
Jan-16
Jan-17
Jan-18
Jan-19
Jan-20
Jan-21
Jan-22
Jan-23
Jan-24


WATER LEVELS & CHLORINATED SOLVENT CONCENTRATIONS
B-28M
WaterLevel
Top of Rock
Zone 1
Zone 2
Zone 3
Zone 4
Total VOC
DCE
Vinyl Chloride
TCE
WL Trend
Total VOC Trend
DCE Trend
VC Trend
TCE Trend
WATER TABLE ELEVATION (ft)
660
650
640
630
620
610
600
590
580
CONCENTRATION (ppb)
100000
10000
1000
100
10
1
0.1
0.01
0.001
0.0001
0.00001
Jan-01 Jan-02 Jan-03 Jan-04 Jan-05 Jan-06 Jan-07 Jan-08 Jan-09 Jan-10 Jan-11 Jan-12 Jan-13 Jan-14 Jan-15 Jan-16 Jan-17 Jan-18 Jan-19 Jan-20 Jan-21 Jan-22 Jan-23 Jan-24
DATE


WATER LEVELS & CHLORINATED SOLVENT CONCENTRATIONS
B-29M
WaterLevel
Top of Rock
Zone 1
Zone 2
Zone 3
Zone 4
Total VOC
DCE
Vinyl Chloride
TCE
WL Trend
Total VOC Trend
DCE Trend
VC Trend
TCE Trend
WATER TABLE ELEVATION (ft)
650
640
630
620
610
600
590
580
570
CONCENTRATION (ppb)
100000
10000
1000
100
10
1
0.1
0.01
0.001
0.0001
0.00001
Jan-01 Jan-02 Jan-03 Jan-04 Jan-05 Jan-06 Jan-07 Jan-08 Jan-09 Jan-10 Jan-11 Jan-12 Jan-13 Jan-14 Jan-15 Jan-16 Jan-17 Jan-18 Jan-19 Jan-20 Jan-21 Jan-22 Jan-23 Jan-24
DATE


WATER LEVELS & CHLORINATED SOLVENT CONCENTRATIONS
B-31M
WaterLevel
Top of Rock
Zone 1
Zone 2
Zone 3
Zone 4
Total VOC
DCE
Vinyl Chloride
TCE
WL Trend
Total VOC Trend
DCE Trend
VC Trend
TCE Trend
WATER TABLE ELEVATION (ft)
CONCENTRATION (ppb)
DATE
670
660
650
640
630
620
610
600
590
580
100000
10000
1000
100
10
1
0.1
0.01
0.001
0.0001
0.00001
Jan-01
Jan-02
Jan-03
Jan-04
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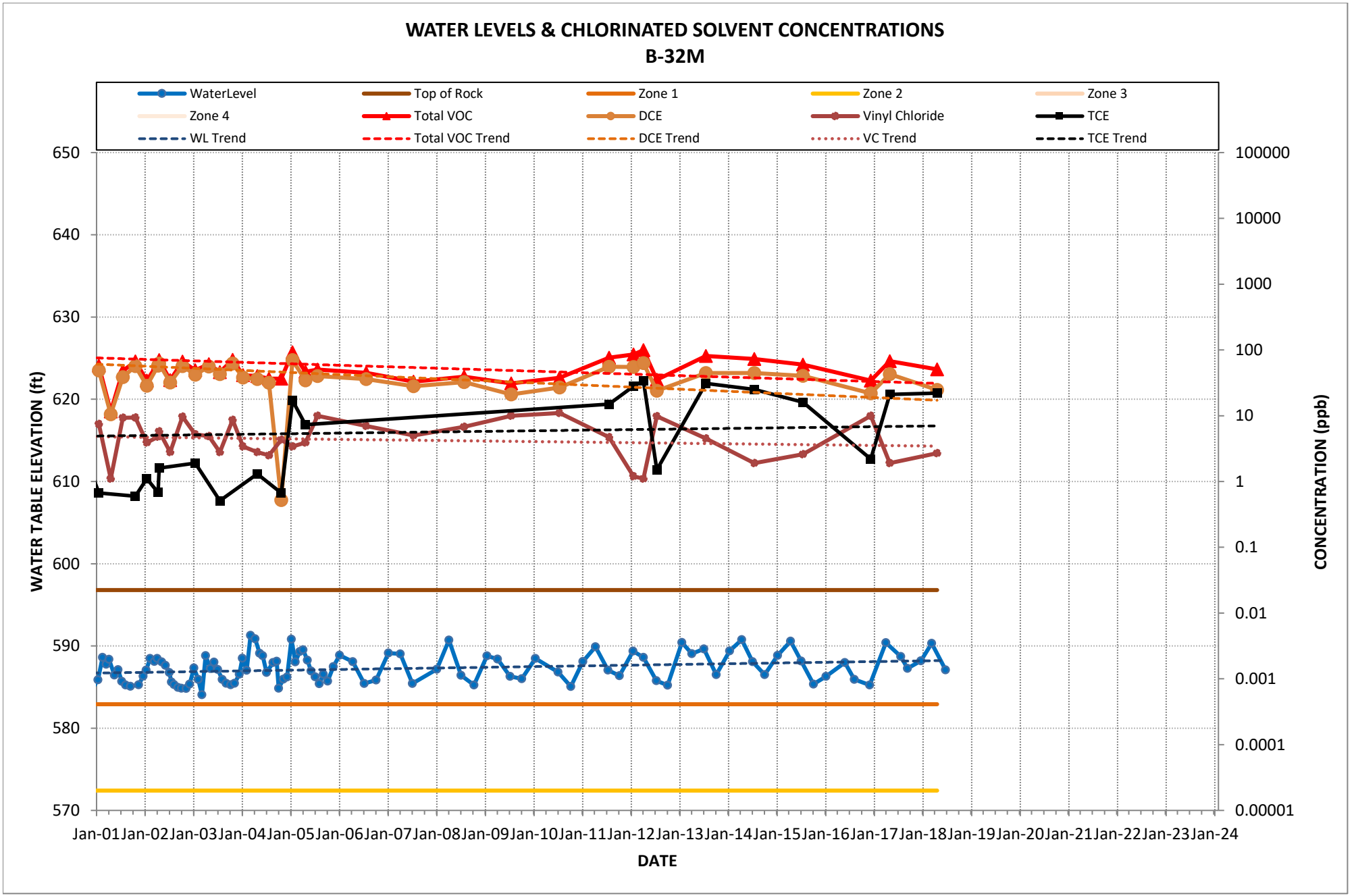
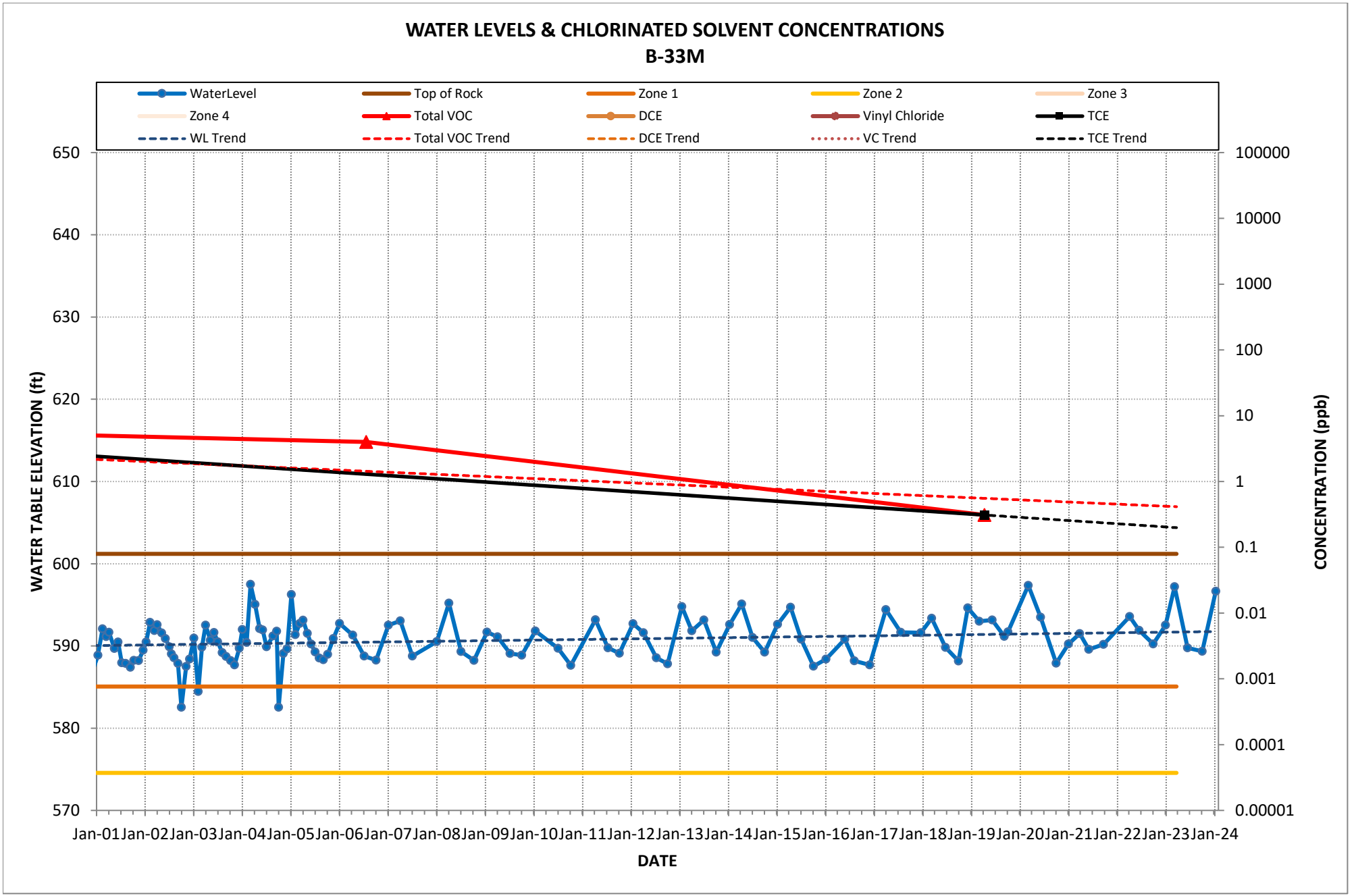
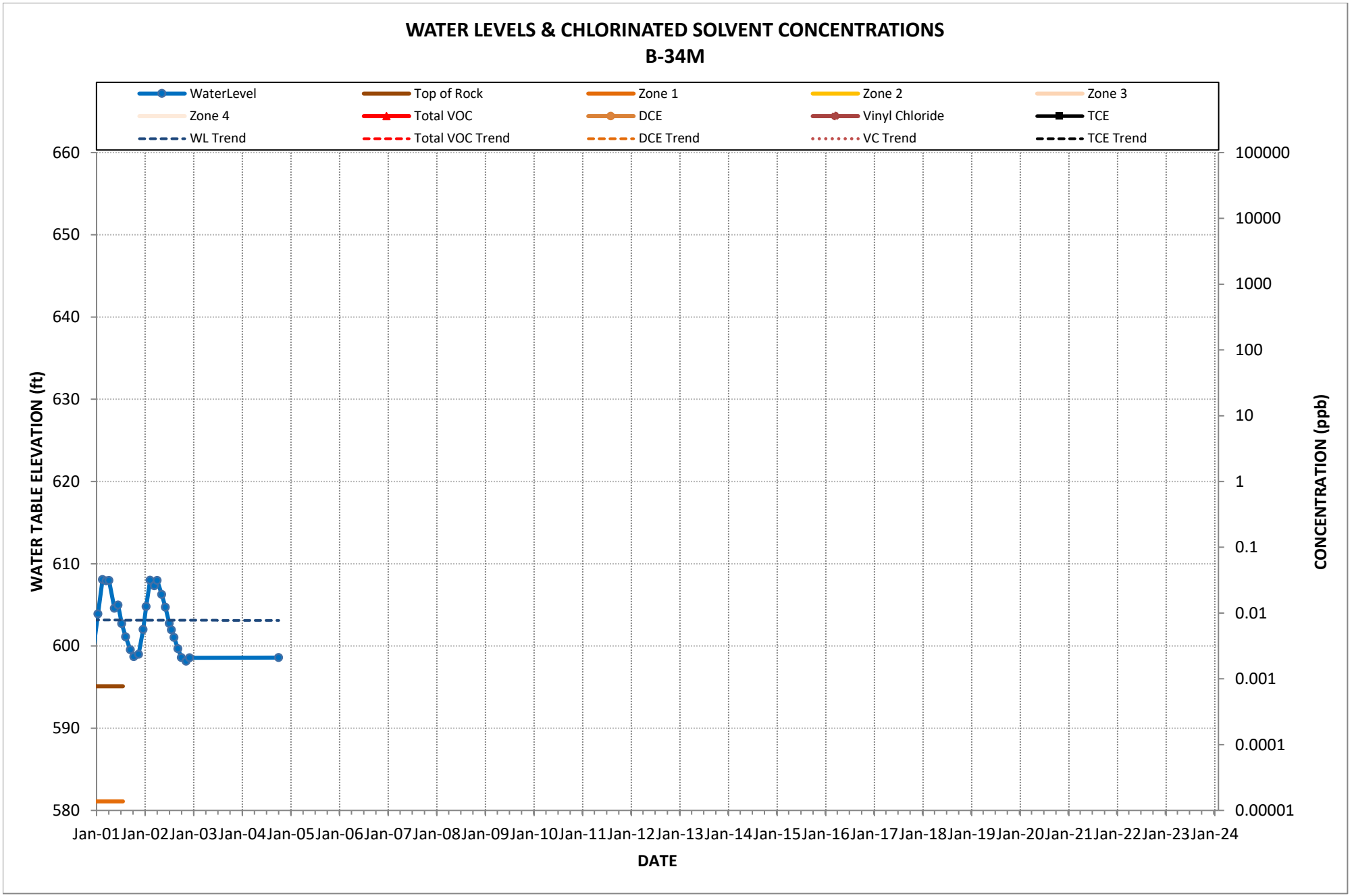
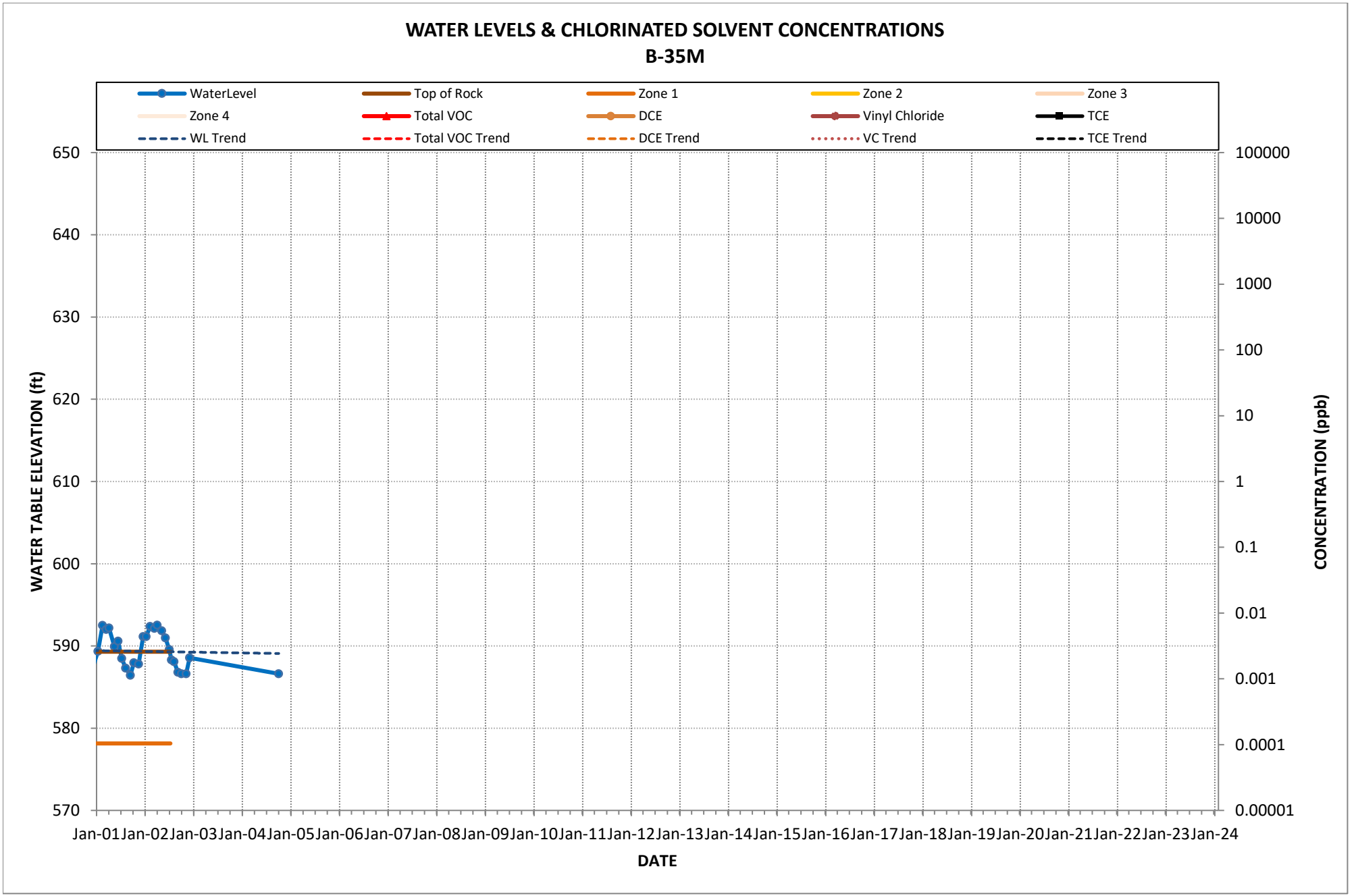
Jan-19
Jan-20
Jan-21
Jan-22
Jan-23
Jan-24


WATER LEVELS & CHLORINATED SOLVENT CONCENTRATIONS
B-32M
WaterLevel
Top of Rock
Zone 1
Zone 2
Zone 3
Zone 4
Total VOC
DCE
Vinyl Chloride
TCE
WL Trend
Total VOC Trend
DCE Trend
VC Trend
TCE Trend
WATER TABLE ELEVATION (ft)
650
640
630
620
610
600
590
580
570
CONCENTRATION (ppb)
100000
10000
1000
100
10
1
0.1
0.01
0.001
0.0001
0.00001
Jan-01 Jan-02 Jan-03 Jan-04 Jan-05 Jan-06 Jan-07 Jan-08 Jan-09 Jan-10 Jan-11 Jan-12 Jan-13 Jan-14 Jan-15 Jan-16 Jan-17 Jan-18 Jan-19 Jan-20 Jan-21 Jan-22 Jan-23 Jan-24
DATE


WATER LEVELS & CHLORINATED SOLVENT CONCENTRATIONS
B-33M
WaterLevel
Top of Rock
Zone 1
Zone 2
Zone 3
Zone 4
Total VOC
DCE
Vinyl Chloride
TCE
WL Trend
Total VOC Trend
DCE Trend
VC Trend
TCE Trend
650
640
630
620
610
600
590
580
570
WATER TABLE ELEVATION (ft)
100000
10000
1000
100
10
1
0.1
0.01
0.001
0.0001
0.00001
CONCENTRATION (ppb)
Jan-01 Jan-02 Jan-03 Jan-04 Jan-05 Jan-06 Jan-07 Jan-08 Jan-09 Jan-10 Jan-11 Jan-12 Jan-13 Jan-14 Jan-15 Jan-16 Jan-17 Jan-18 Jan-19 Jan-20 Jan-21 Jan-22 Jan-23 Jan-24
DATE


WATER LEVELS & CHLORINATED SOLVENT CONCENTRATIONS
B-34M
WaterLevel
Top of Rock
Zone 1
Zone 2
Zone 3
Zone 4
Total VOC
DCE
Vinyl Chloride
TCE
WL Trend
Total VOC Trend
DCE Trend
VC Trend
TCE Trend
WATER TABLE ELEVATION (ft)
660
650
640
630
620
610
600
590
580
CONCENTRATION (ppb)
100000
10000
1000
100
10
1
0.1
0.01
0.001
0.0001
0.00001
Jan-01 Jan-02 Jan-03 Jan-04 Jan-05 Jan-06 Jan-07 Jan-08 Jan-09 Jan-10 Jan-11 Jan-12 Jan-13 Jan-14 Jan-15 Jan-16 Jan-17 Jan-18 Jan-19 Jan-20 Jan-21 Jan-22 Jan-23 Jan-24
DATE


WATER LEVELS & CHLORINATED SOLVENT CONCENTRATIONS
B-35M
WaterLevel
Top of Rock
Zone 1
Zone 2
Zone 3
Zone 4
Total VOC
DCE
Vinyl Chloride
TCE
WL Trend
Total VOC Trend
DCE Trend
VC Trend
TCE Trend
650
640
630
620
610
600
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570
WATER TABLE ELEVATION (ft)
100000
10000
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100
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0.1
0.01
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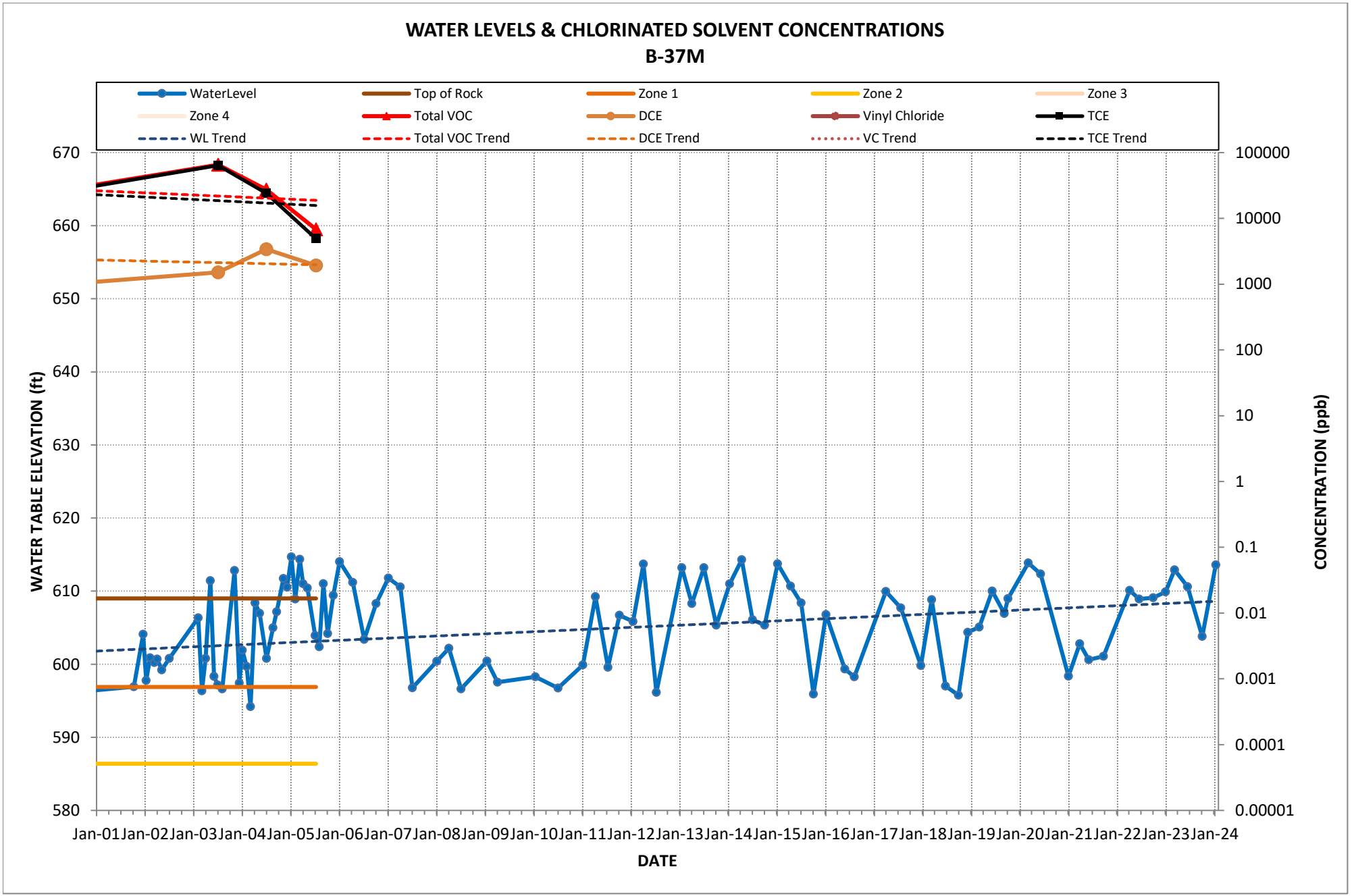
0.0001
0.00001
CONCENTRATION (ppb)
Jan-01 Jan-02 Jan-03 Jan-04 Jan-05 Jan-06 Jan-07 Jan-08 Jan-09 Jan-10 Jan-11 Jan-12 Jan-13 Jan-14 Jan-15 Jan-16 Jan-17 Jan-18 Jan-19 Jan-20 Jan-21 Jan-22 Jan-23 Jan-24
DATE


WATER LEVELS & CHLORINATED SOLVENT CONCENTRATIONS
B-37M
WaterLevel
Top of Rock
Zone 1
Zone 2
Zone 3
Zone 4
Total VOC
DCE
Vinyl Chloride
TCE
WL Trend
Total VOC Trend
DCE Trend
VC Trend
TCE Trend
WATER TABLE ELEVATION (ft)
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CONCENTRATION (ppb)
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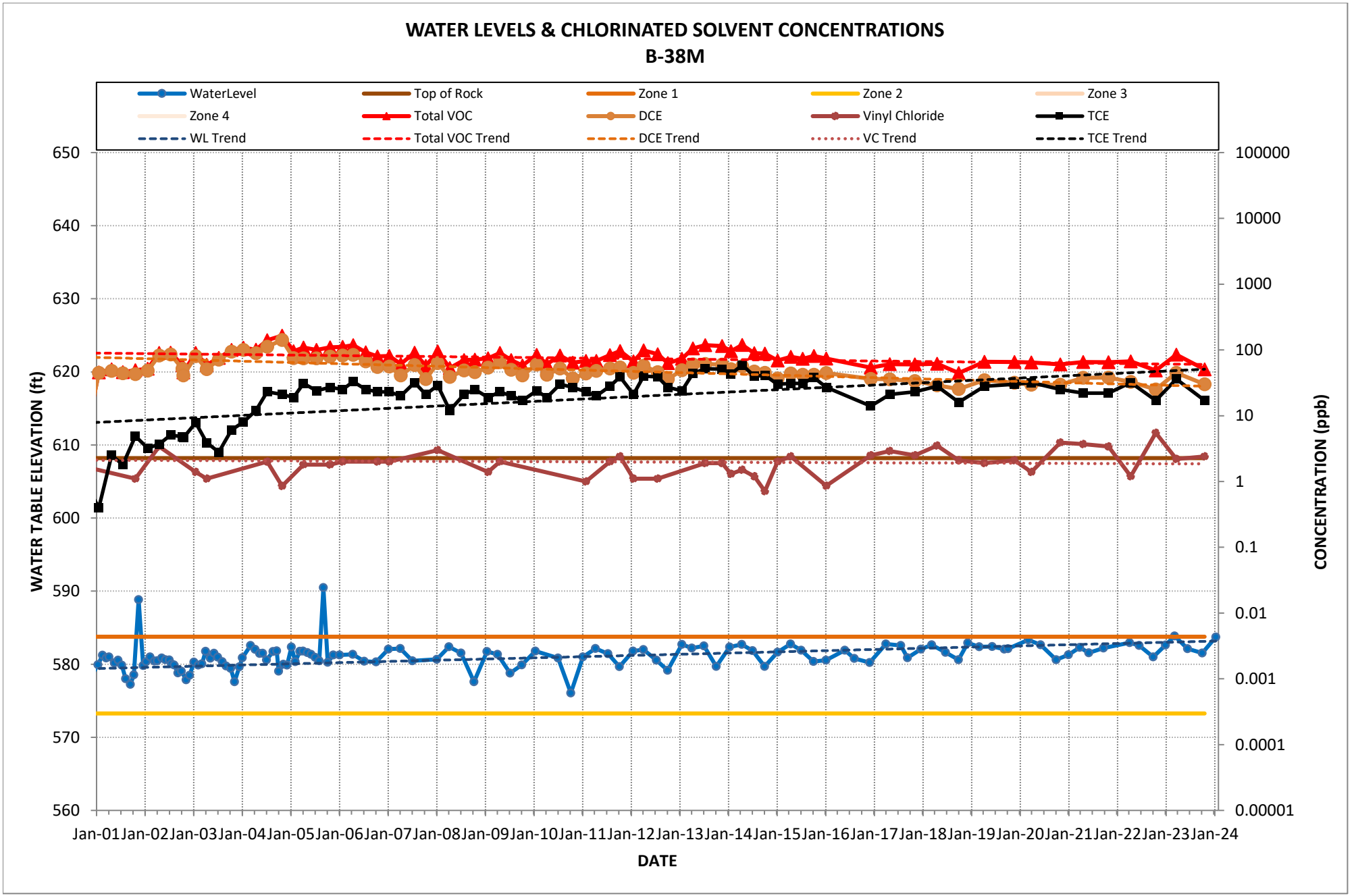
Jan-01 Jan-02 Jan-03 Jan-04 Jan-05 Jan-06 Jan-07 Jan-08 Jan-09 Jan-10 Jan-11 Jan-12 Jan-13 Jan-14 Jan-15 Jan-16 Jan-17 Jan-18 Jan-19 Jan-20 Jan-21 Jan-22 Jan-23 Jan-24
DATE


WATER LEVELS & CHLORINATED SOLVENT CONCENTRATIONS
B-38M
WaterLevel
Top of Rock
Zone 1
Zone 2
Zone 3
Zone 4
Total VOC
DCE
Vinyl Chloride
TCE
WL Trend
Total VOC Trend
DCE Trend
VC Trend
TCE Trend
650
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WATER TABLE ELEVATION (ft)
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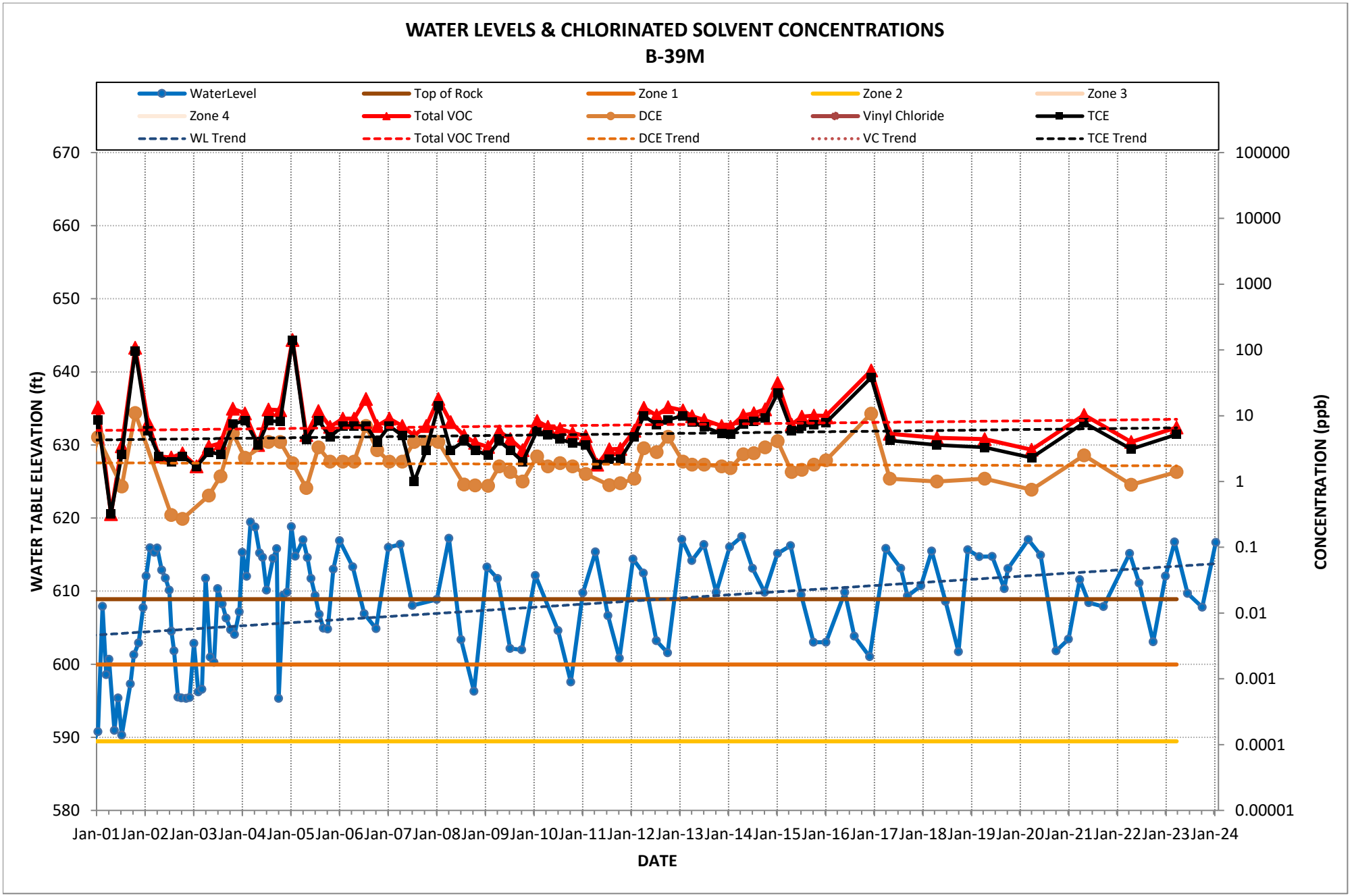
CONCENTRATION (ppb)
Jan-01 Jan-02 Jan-03 Jan-04 Jan-05 Jan-06 Jan-07 Jan-08 Jan-09 Jan-10 Jan-11 Jan-12 Jan-13 Jan-14 Jan-15 Jan-16 Jan-17 Jan-18 Jan-19 Jan-20 Jan-21 Jan-22 Jan-23 Jan-24
DATE


WATER LEVELS & CHLORINATED SOLVENT CONCENTRATIONS
B-39M
WaterLevel
Top of Rock
Zone 1
Zone 2
Zone 3
Zone 4
Total VOC
DCE
Vinyl Chloride
TCE
WL Trend
Total VOC Trend
DCE Trend
VC Trend
TCE Trend
WATER TABLE ELEVATION (ft)
CONCENTRATION (ppb)
DATE
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Jan-01
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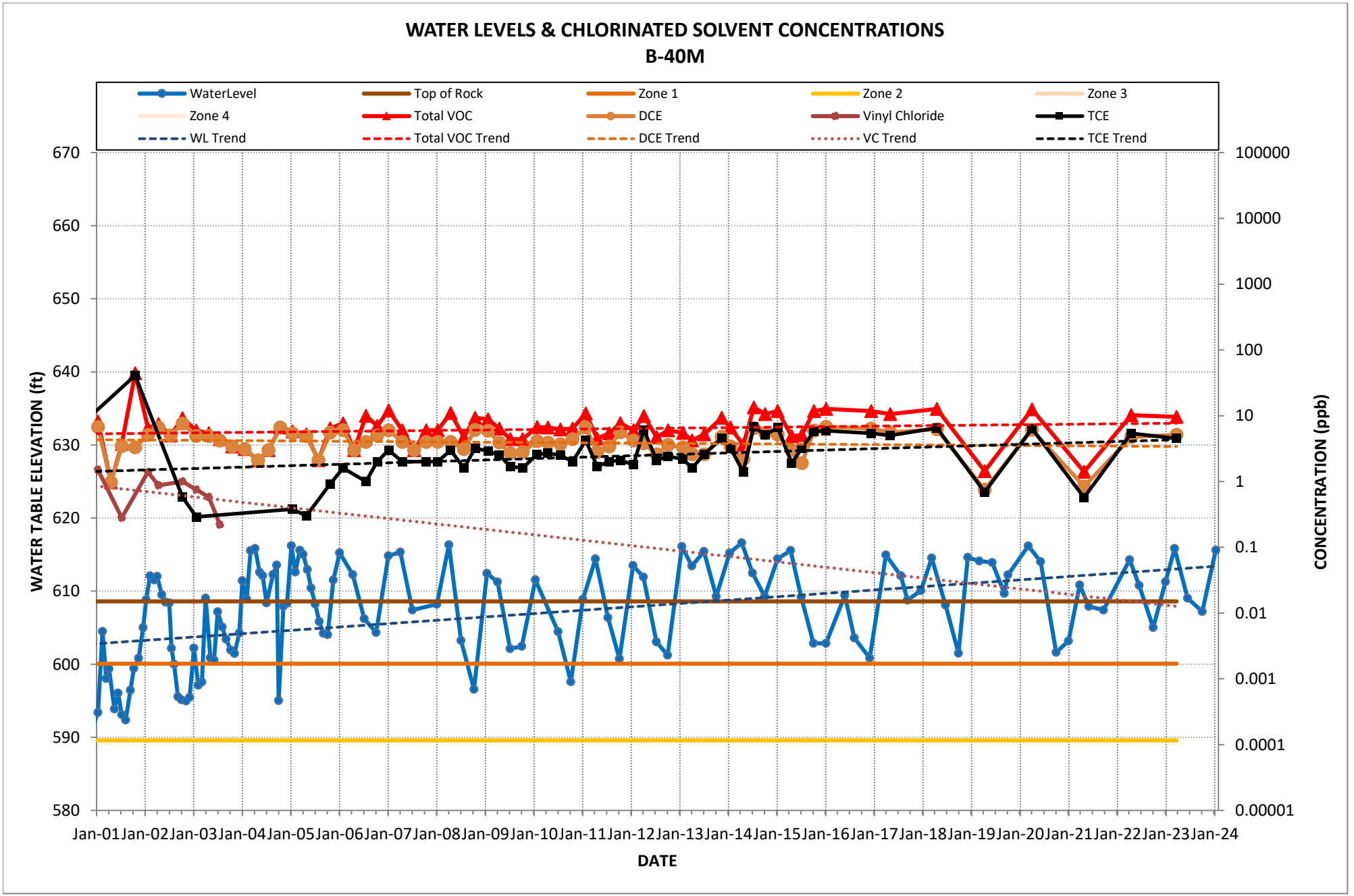
Jan-21
Jan-22
Jan-23
Jan-24


WATER LEVELS & CHLORINATED SOLVENT CONCENTRATIONS
B-40M
WaterLevel
Top of Rock
Zone 1
Zone 2
Zone 3
Zone 4
Total VOC
DCE
Vinyl Chloride
TCE
WL Trend
Total VOC Trend
DCE Trend
VC Trend
TCE Trend
WATER TABLE ELEVATION (ft)
CONCENTRATION (ppb)
DATE
670
660
650
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600
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100000
10000
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0.00001
Jan-01
Jan-02
Jan-03
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Jan-07
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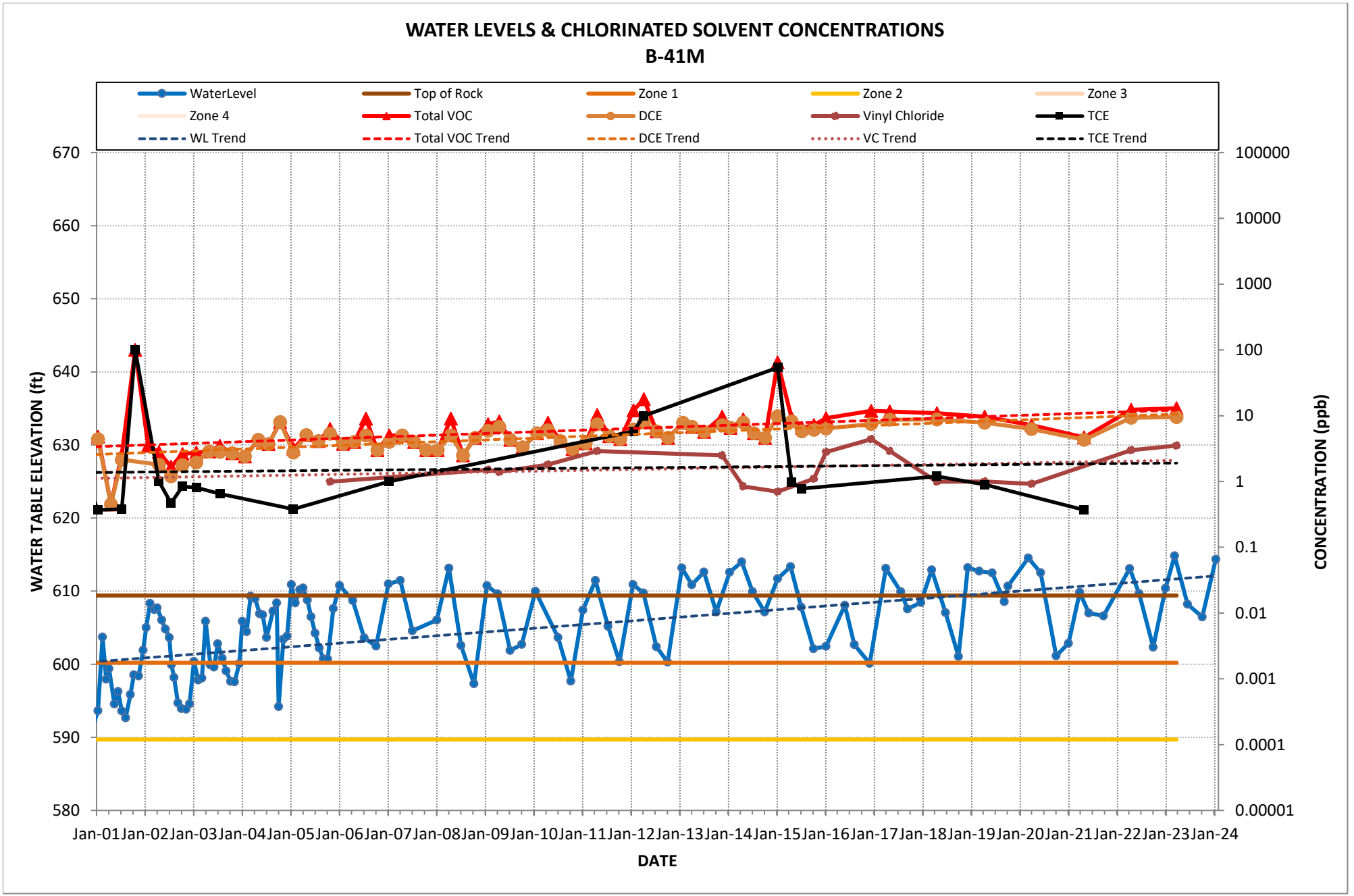
Jan-16
Jan-17
Jan-18
Jan-19
Jan-20
Jan-21
Jan-22
Jan-23
Jan-24


WATER LEVELS & CHLORINATED SOLVENT CONCENTRATIONS
B-41M
WaterLevel
Top of Rock
Zone 1
Zone 2
Zone 3
Zone 4
Total VOC
DCE
Vinyl Chloride
TCE
WL Trend
Total VOC Trend
DCE Trend
VC Trend
TCE Trend
WATER TABLE ELEVATION (ft)
CONCENTRATION (ppb)
DATE
670
660
650
640
630
620
610
600
590
580
100000
10000
1000
100
10
1
0.1
0.01
0.001
0.0001
0.00001
Jan-01
Jan-02
Jan-03
Jan-04
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Jan-06
Jan-07
Jan-08
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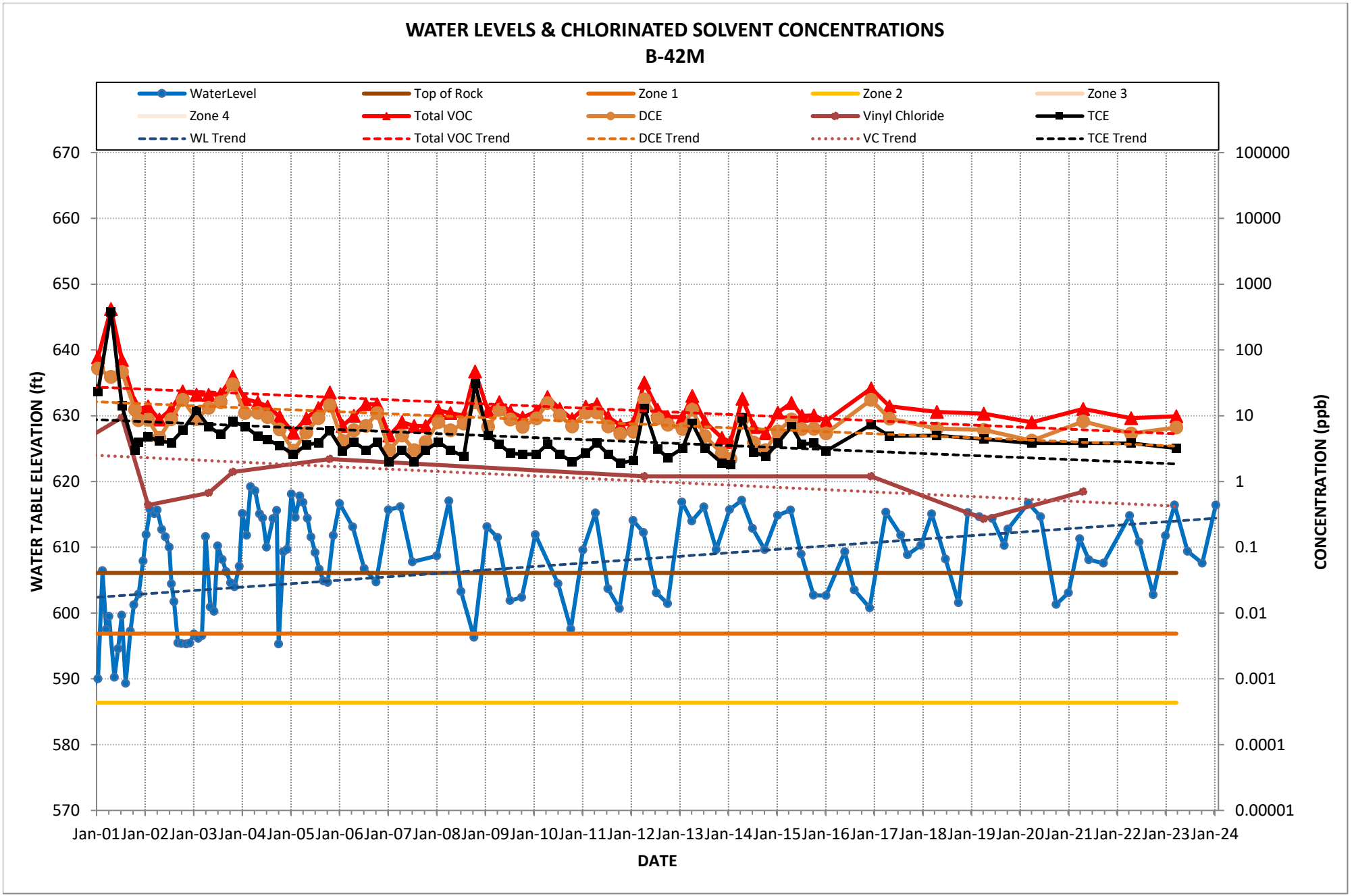
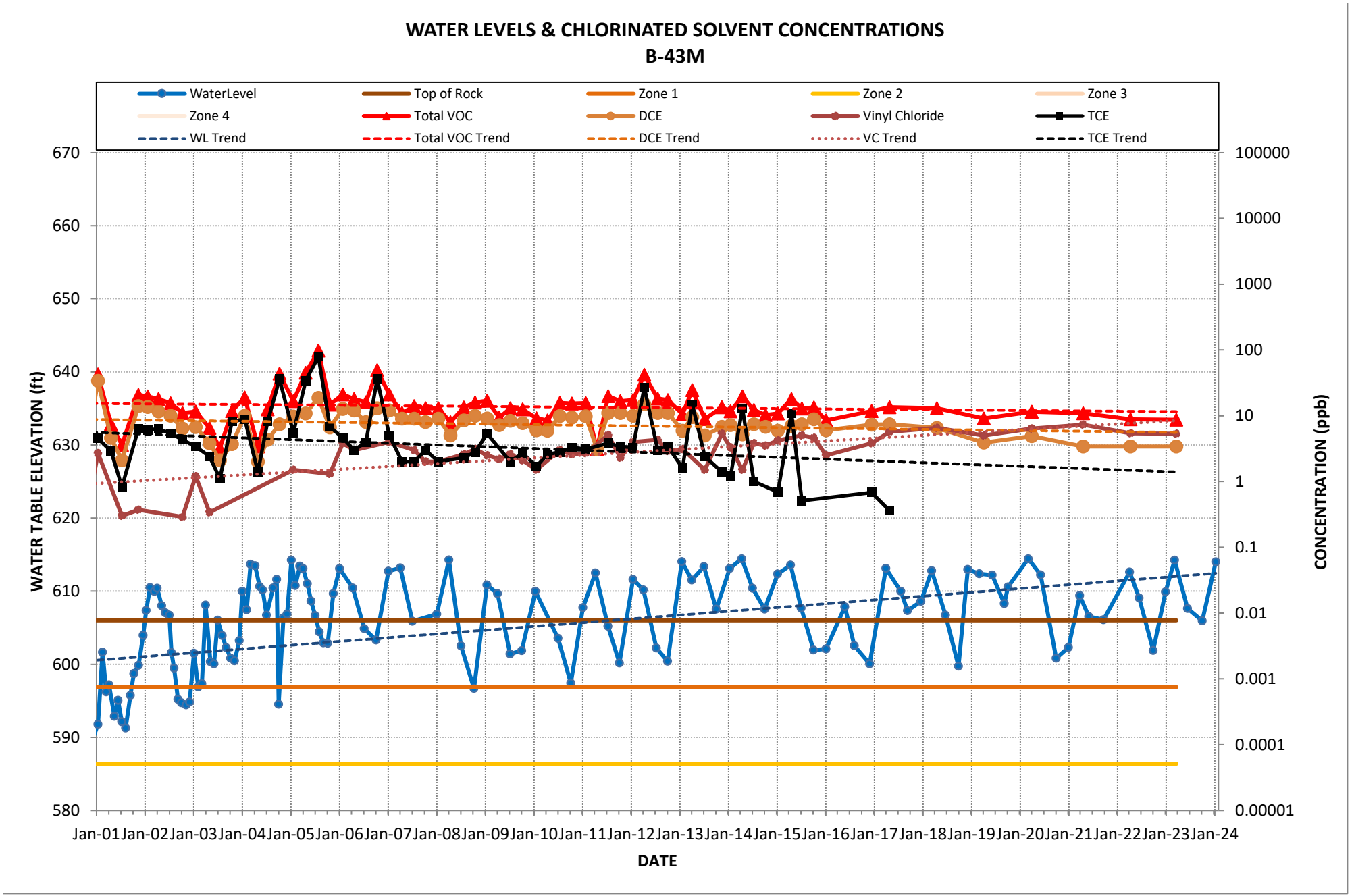
Jan-12
Jan-13
Jan-14
Jan-15
Jan-16
Jan-17
Jan-18
Jan-19
Jan-20
Jan-21
Jan-22
Jan-23
Jan-24


WATER LEVELS & CHLORINATED SOLVENT CONCENTRATIONS
B-42M
WaterLevel
Top of Rock
Zone 1
Zone 2
Zone 3
Zone 4
Total VOC
DCE
Vinyl Chloride
TCE
WL Trend
Total VOC Trend
DCE Trend
VC Trend
TCE Trend
WATER TABLE ELEVATION (ft)
CONCENTRATION (ppb)
DATE
670
660
650
640
630
620
610
600
590
580
570
100000
10000
1000
100
10
1
0.1
0.01
0.001
0.0001
0.00001
Jan-01 Jan-02 Jan-03 Jan-04 Jan-05 Jan-06 Jan-07 Jan-08 Jan-09 Jan-10 Jan-11 Jan-12 Jan-13 Jan-14 Jan-15 Jan-16 Jan-17 Jan-18 Jan-19 Jan-20 Jan-21 Jan-22 Jan-23 Jan-24


WATER LEVELS & CHLORINATED SOLVENT CONCENTRATIONS
B-43M
WaterLevel
Top of Rock
Zone 1
Zone 2
Zone 3
Zone 4
Total VOC
DCE
Vinyl Chloride
TCE
WL Trend
Total VOC Trend
DCE Trend
VC Trend
TCE Trend
WATER TABLE ELEVATION (ft)
CONCENTRATION (ppb)
DATE
670
660
650
640
630
620
610
600
590
580
100000
10000
1000
100
10
1
0.1
0.01
0.001
0.0001
0.00001
Jan-01
Jan-02
Jan-03
Jan-04
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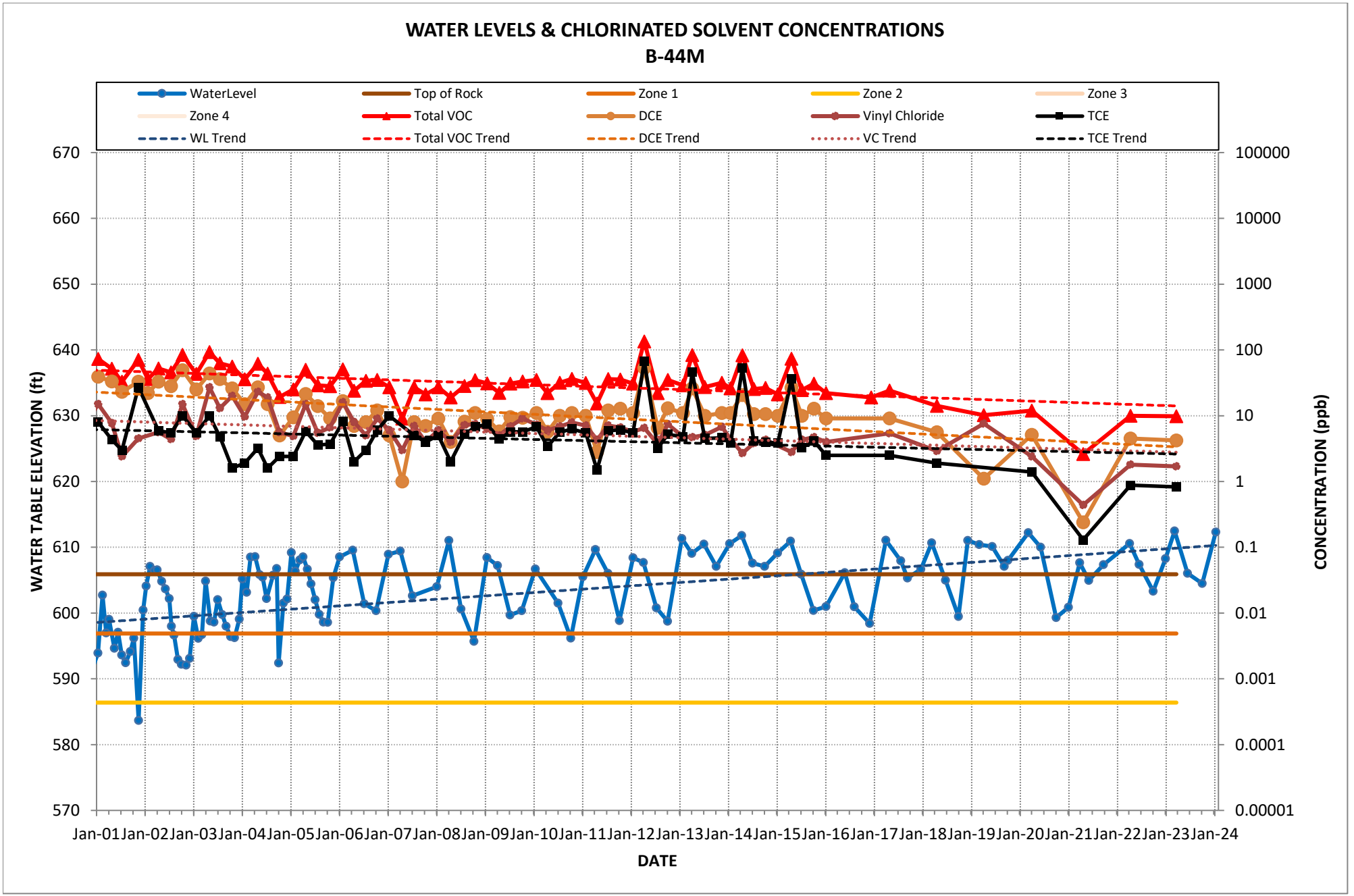
Jan-20
Jan-21
Jan-22
Jan-23
Jan-24


WATER LEVELS & CHLORINATED SOLVENT CONCENTRATIONS
B-44M
WaterLevel
Top of Rock
Zone 1
Zone 2
Zone 3
Zone 4
Total VOC
DCE
Vinyl Chloride
TCE
WL Trend
Total VOC Trend
DCE Trend
VC Trend
TCE Trend
WATER TABLE ELEVATION (ft)
CONCENTRATION (ppb)
DATE
670
660
650
640
630
620
610
600
590
580
570
100000
10000
1000
100
10
1
0.1
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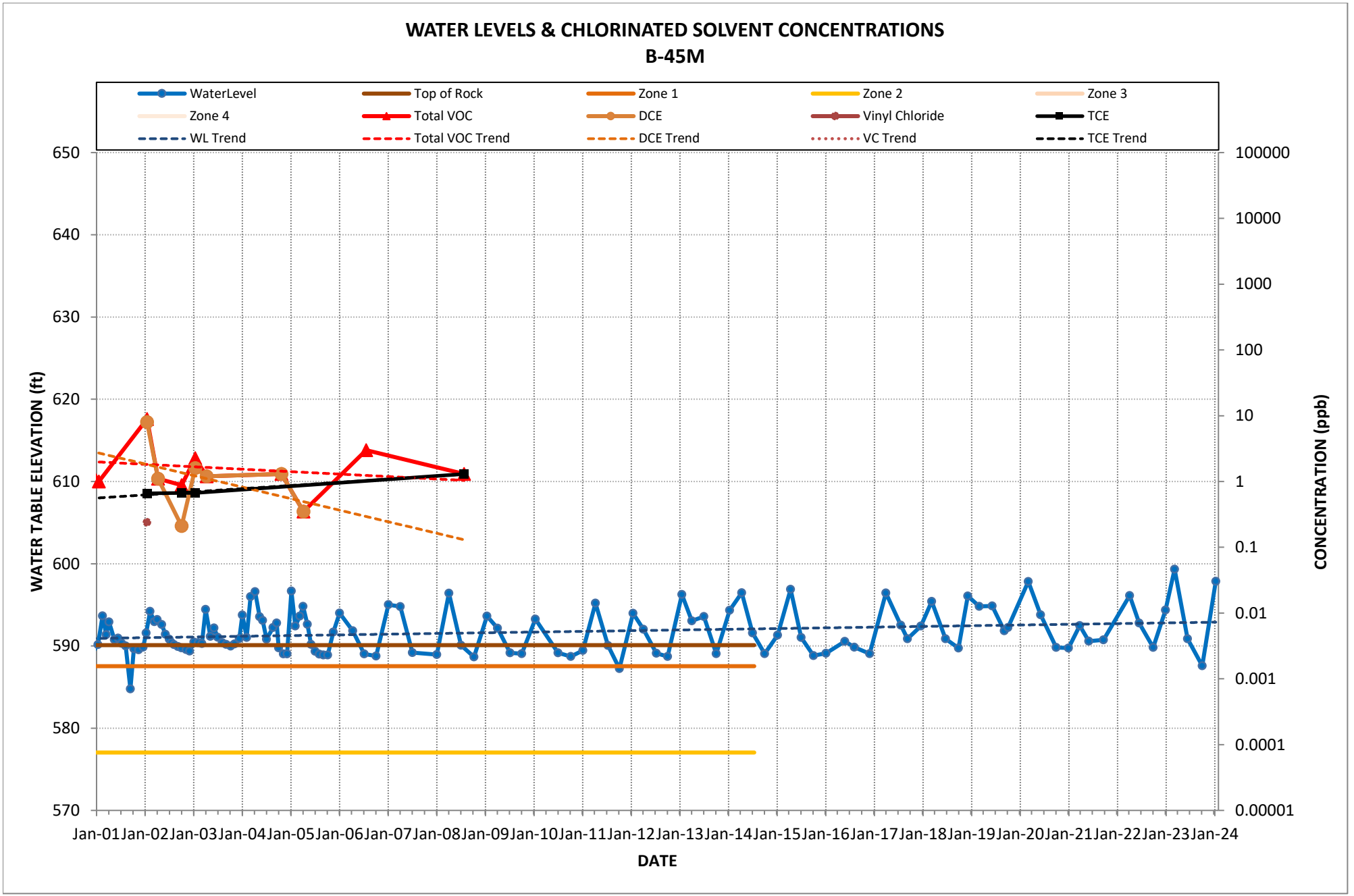
0.0001
0.00001
Jan-01 Jan-02 Jan-03 Jan-04 Jan-05 Jan-06 Jan-07 Jan-08 Jan-09 Jan-10 Jan-11 Jan-12 Jan-13 Jan-14 Jan-15 Jan-16 Jan-17 Jan-18 Jan-19 Jan-20 Jan-21 Jan-22 Jan-23 Jan-24


WATER LEVELS & CHLORINATED SOLVENT CONCENTRATIONS
B-45M
WaterLevel
Top of Rock
Zone 1
Zone 2
Zone 3
Zone 4
Total VOC
DCE
Vinyl Chloride
TCE
WL Trend
Total VOC Trend
DCE Trend
VC Trend
TCE Trend
WATER TABLE ELEVATION (ft)
650
640
630
620
610
600
590
580
570
CONCENTRATION (ppb)
100000
10000
1000
100
10
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0.1
0.01
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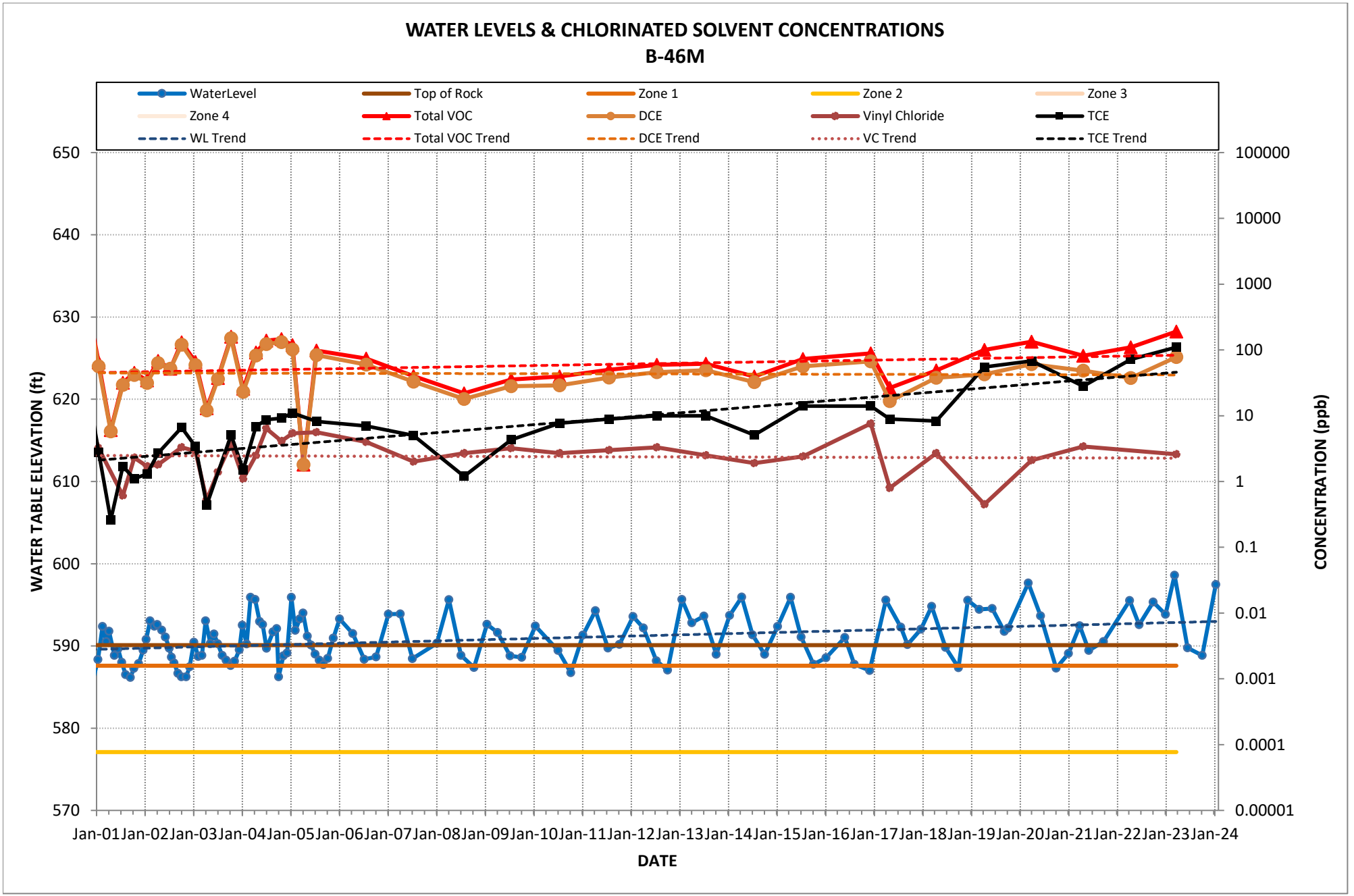
Jan-01 Jan-02 Jan-03 Jan-04 Jan-05 Jan-06 Jan-07 Jan-08 Jan-09 Jan-10 Jan-11 Jan-12 Jan-13 Jan-14 Jan-15 Jan-16 Jan-17 Jan-18 Jan-19 Jan-20 Jan-21 Jan-22 Jan-23 Jan-24
DATE


WATER LEVELS & CHLORINATED SOLVENT CONCENTRATIONS
B-46M
WaterLevel
Top of Rock
Zone 1
Zone 2
Zone 3
Zone 4
Total VOC
DCE
Vinyl Chloride
TCE
WL Trend
Total VOC Trend
DCE Trend
VC Trend
TCE Trend
WATER TABLE ELEVATION (ft)
650
640
630
620
610
600
590
580
570
CONCENTRATION (ppb)
100000
10000
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0.1
0.01
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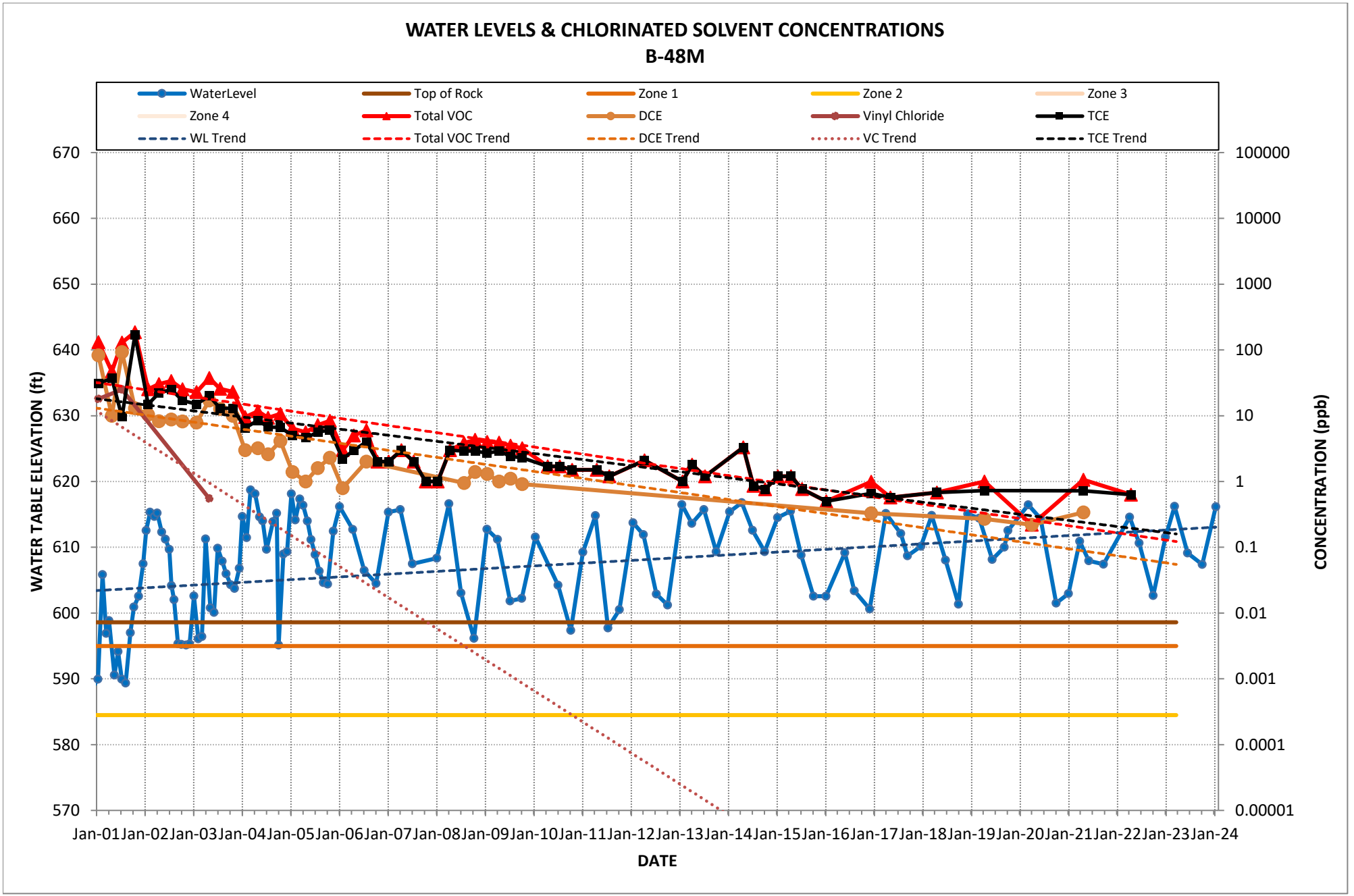
Jan-01 Jan-02 Jan-03 Jan-04 Jan-05 Jan-06 Jan-07 Jan-08 Jan-09 Jan-10 Jan-11 Jan-12 Jan-13 Jan-14 Jan-15 Jan-16 Jan-17 Jan-18 Jan-19 Jan-20 Jan-21 Jan-22 Jan-23 Jan-24
DATE


WATER LEVELS & CHLORINATED SOLVENT CONCENTRATIONS
B-48M
WaterLevel
Top of Rock
Zone 1
Zone 2
Zone 3
Zone 4
Total VOC
DCE
Vinyl Chloride
TCE
WL Trend
Total VOC Trend
DCE Trend
VC Trend
TCE Trend
WATER TABLE ELEVATION (ft)
CONCENTRATION (ppb)
DATE
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580
570
100000
10000
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0.1
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0.00001
Jan-01
Jan-02
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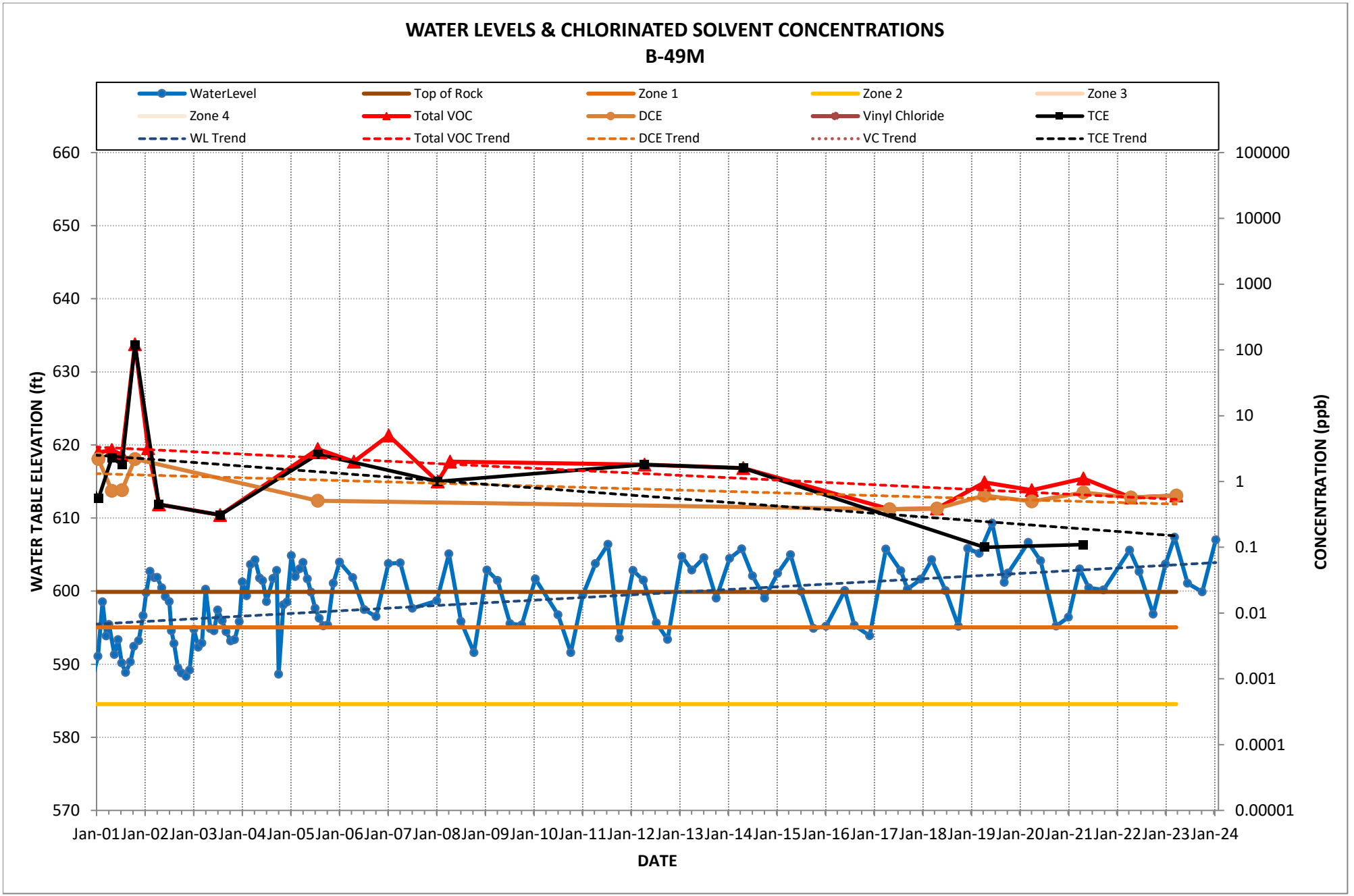
Jan-22
Jan-23
Jan-24


WATER LEVELS & CHLORINATED SOLVENT CONCENTRATIONS
B-49M
WaterLevel
Top of Rock
Zone 1
Zone 2
Zone 3
Zone 4
Total VOC
DCE
Vinyl Chloride
TCE
WL Trend
Total VOC Trend
DCE Trend
VC Trend
TCE Trend
WATER TABLE ELEVATION (ft)
CONCENTRATION (ppb)
660
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100000
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0.1
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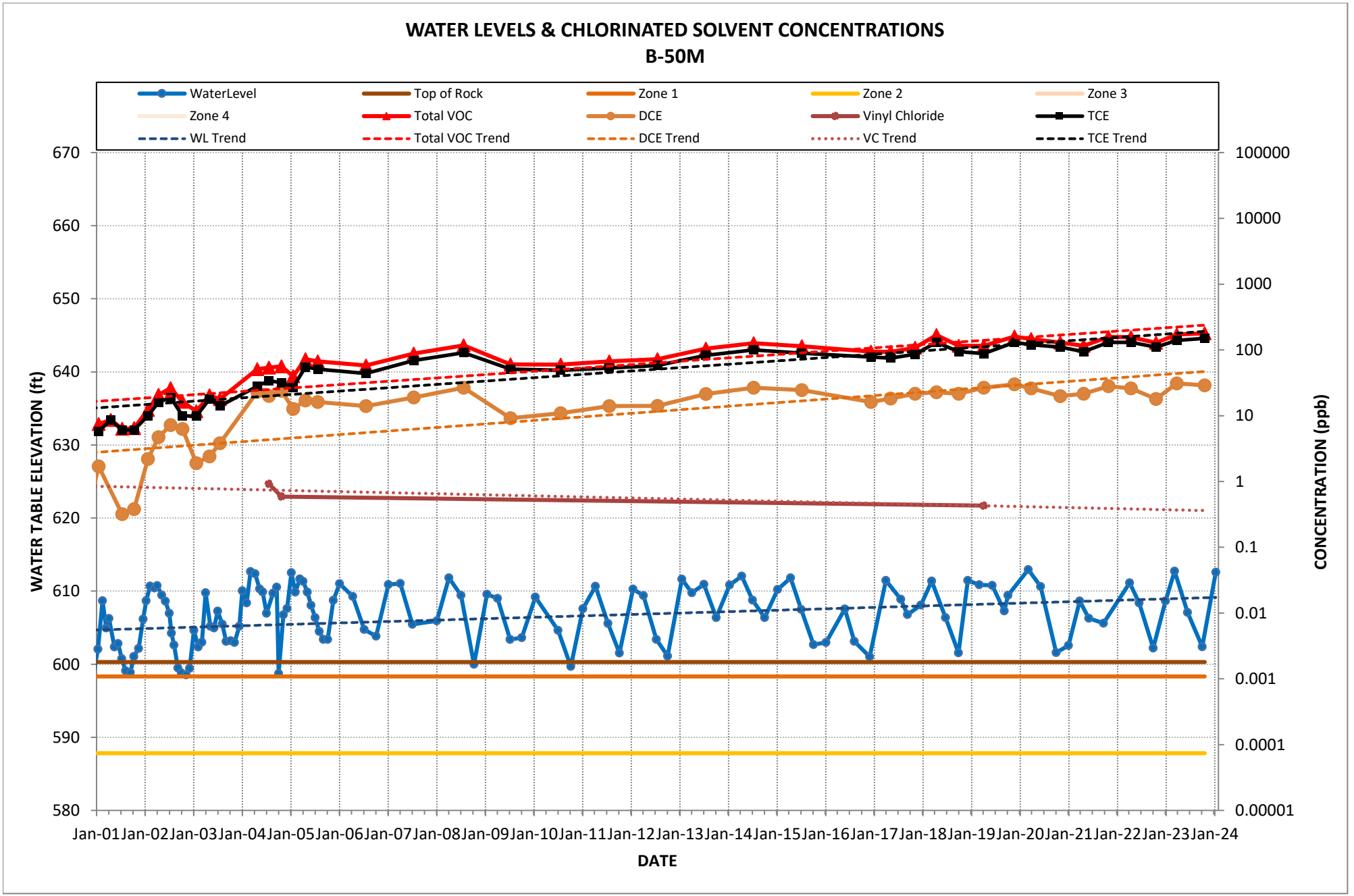
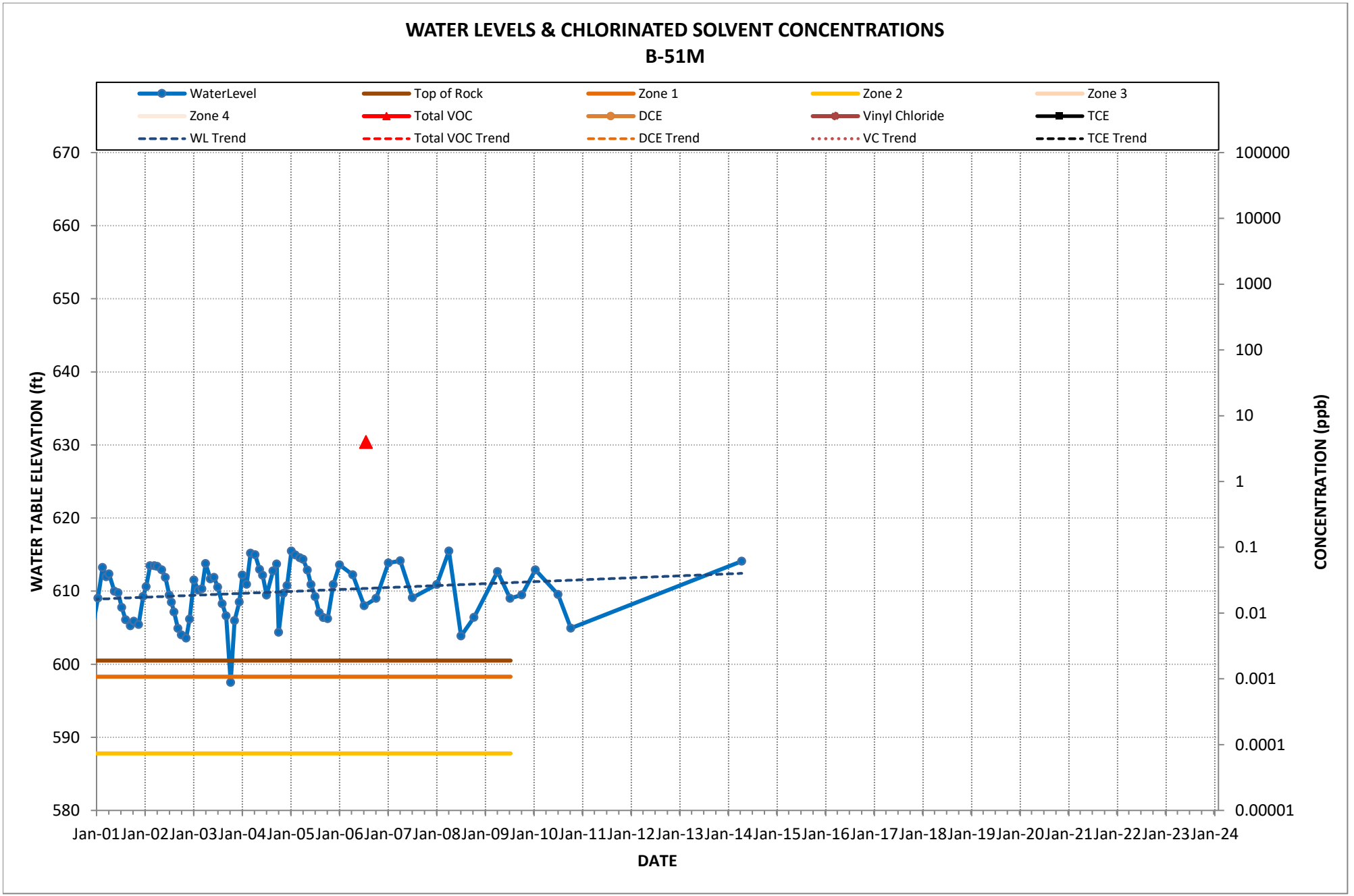
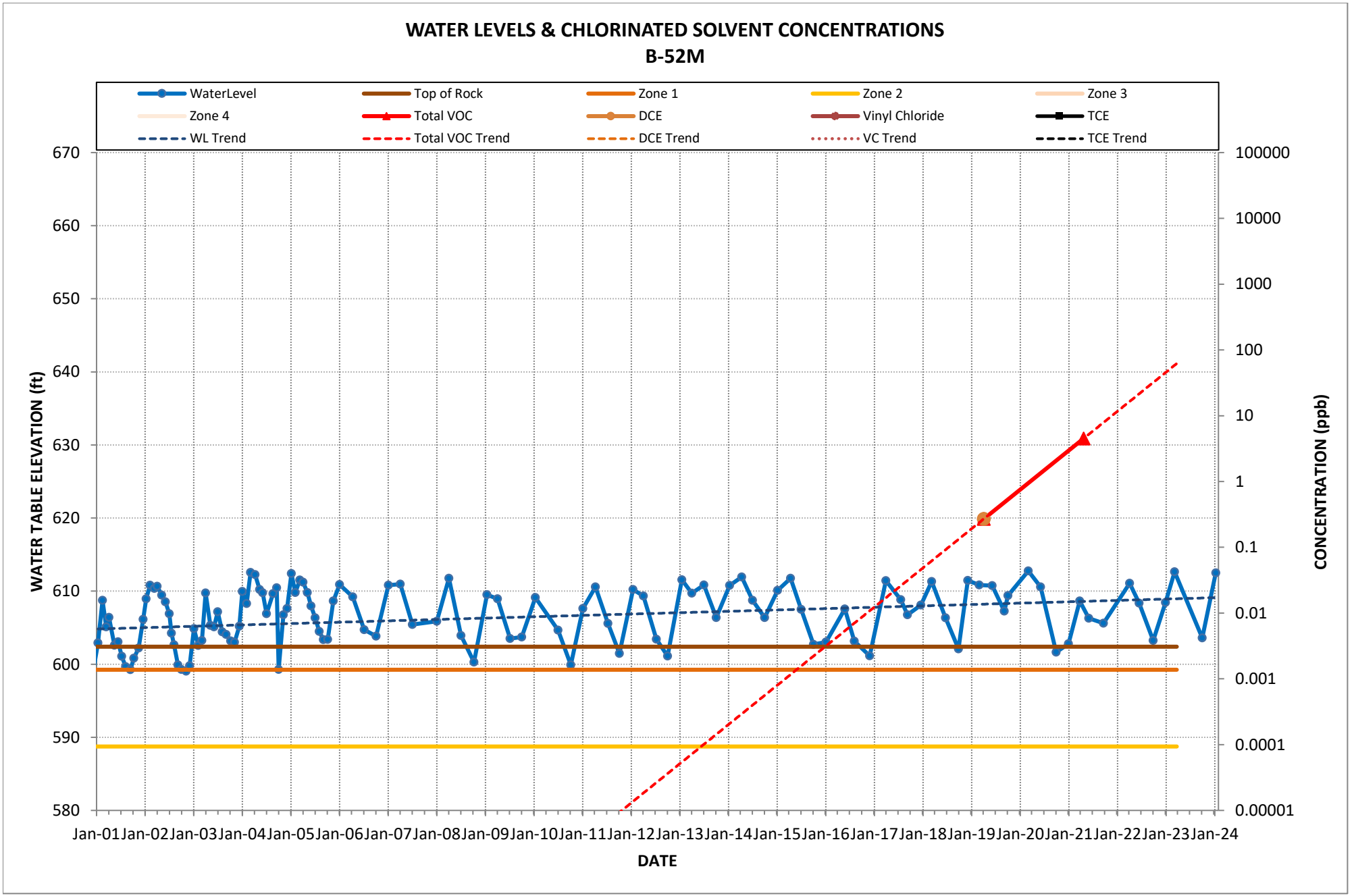
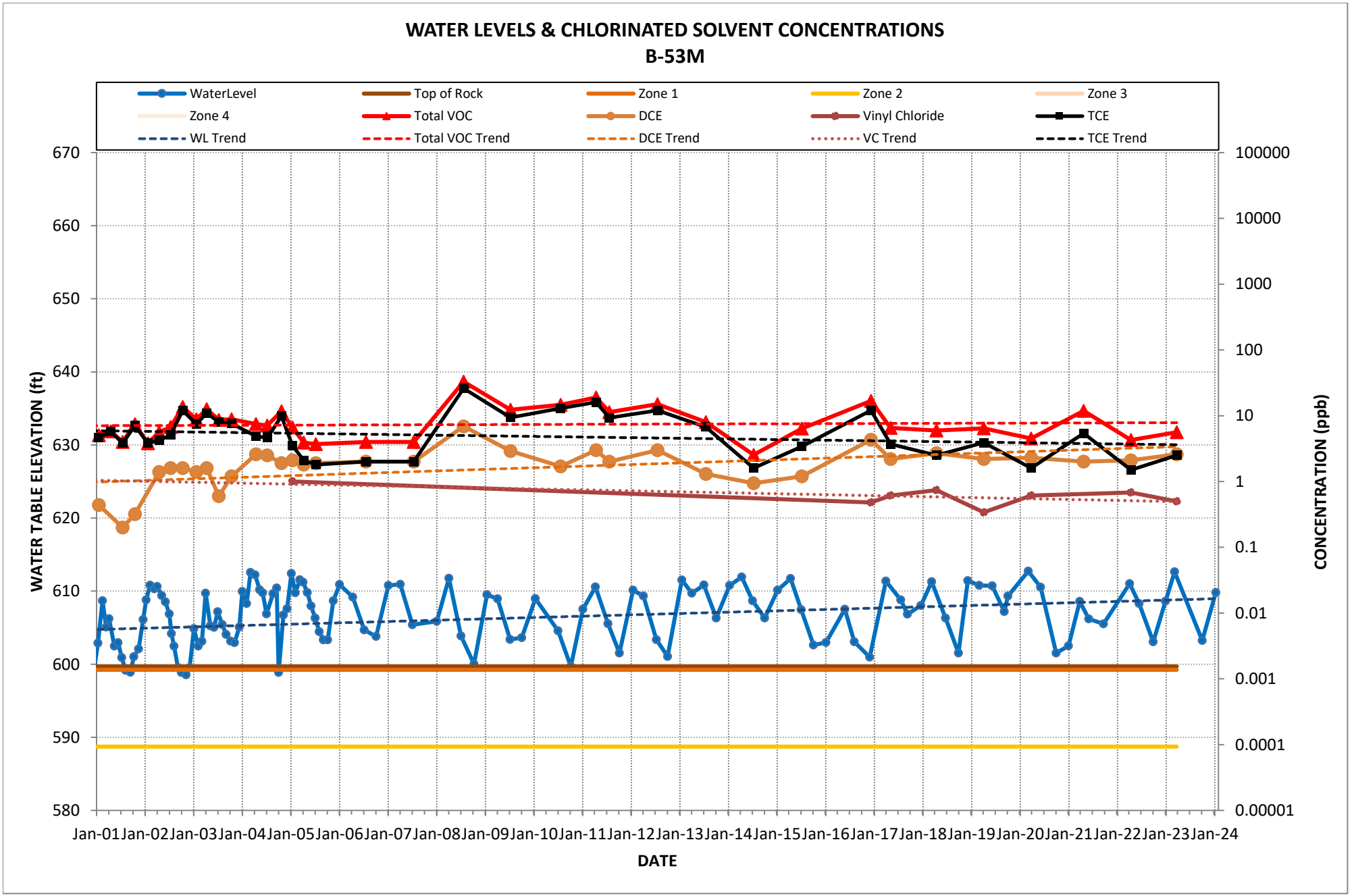
0.00001
Jan-01 Jan-02 Jan-03 Jan-04 Jan-05 Jan-06 Jan-07 Jan-08 Jan-09 Jan-10 Jan-11 Jan-12 Jan-13 Jan-14 Jan-15 Jan-16 Jan-17 Jan-18 Jan-19 Jan-20 Jan-21 Jan-22 Jan-23 Jan-24
DATE


WATER LEVELS & CHLORINATED SOLVENT CONCENTRATIONS
B-50M
WaterLevel
Top of Rock
Zone 1
Zone 2
Zone 3
Zone 4
Total VOC
DCE
Vinyl Chloride
TCE
WL Trend
Total VOC Trend
DCE Trend
VC Trend
TCE Trend
WATER TABLE ELEVATION (ft)
CONCENTRATION (ppb)
670
660
650
640
630
620
610
600
590
580
100000
10000
1000
100
10
1
0.1
0.01
0.001
0.0001
0.00001
Jan-01 Jan-02 Jan-03 Jan-04 Jan-05 Jan-06 Jan-07 Jan-08 Jan-09 Jan-10 Jan-11 Jan-12 Jan-13 Jan-14 Jan-15 Jan-16 Jan-17 Jan-18 Jan-19 Jan-20 Jan-21 Jan-22 Jan-23 Jan-24
DATE


WATER LEVELS & CHLORINATED SOLVENT CONCENTRATIONS
B-51M
WaterLevel
Top of Rock
Zone 1
Zone 2
Zone 3
Zone 4
Total VOC
DCE
Vinyl Chloride
TCE
WL Trend
Total VOC Trend
DCE Trend
VC Trend
TCE Trend
WATER TABLE ELEVATION (ft)
670
660
650
640
630
620
610
600
590
580
CONCENTRATION (ppb)
100000
10000
1000
100
10
1
0.1
0.01
0.001
0.0001
0.00001
Jan-01 Jan-02 Jan-03 Jan-04 Jan-05 Jan-06 Jan-07 Jan-08 Jan-09 Jan-10 Jan-11 Jan-12 Jan-13 Jan-14 Jan-15 Jan-16 Jan-17 Jan-18 Jan-19 Jan-20 Jan-21 Jan-22 Jan-23 Jan-24
DATE


WATER LEVELS & CHLORINATED SOLVENT CONCENTRATIONS
B-52M
WaterLevel
Top of Rock
Zone 1
Zone 2
Zone 3
Zone 4
Total VOC
DCE
Vinyl Chloride
TCE
WL Trend
Total VOC Trend
DCE Trend
VC Trend
TCE Trend
WATER TABLE ELEVATION (ft)
670
660
650
640
630
620
610
600
590
580
CONCENTRATION (ppb)
100000
10000
1000
100
10
1
0.1
0.01
0.001
0.0001
0.00001
Jan-01 Jan-02 Jan-03 Jan-04 Jan-05 Jan-06 Jan-07 Jan-08 Jan-09 Jan-10 Jan-11 Jan-12 Jan-13 Jan-14 Jan-15 Jan-16 Jan-17 Jan-18 Jan-19 Jan-20 Jan-21 Jan-22 Jan-23 Jan-24
DATE


WATER LEVELS & CHLORINATED SOLVENT CONCENTRATIONS
B-53M
WaterLevel
Top of Rock
Zone 1
Zone 2
Zone 3
Zone 4
Total VOC
DCE
Vinyl Chloride
TCE
WL Trend
Total VOC Trend
DCE Trend
VC Trend
TCE Trend
WATER TABLE ELEVATION (ft)
CONCENTRATION (ppb)
DATE
670
660
650
640
630
620
610
600
590
580
100000
10000
1000
100
10
1
0.1
0.01
0.001
0.0001
0.00001
Jan-01
Jan-02
Jan-03
Jan-04
Jan-05
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Jan-07
Jan-08
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Jan-12
Jan-13
Jan-14
Jan-15
Jan-16
Jan-17
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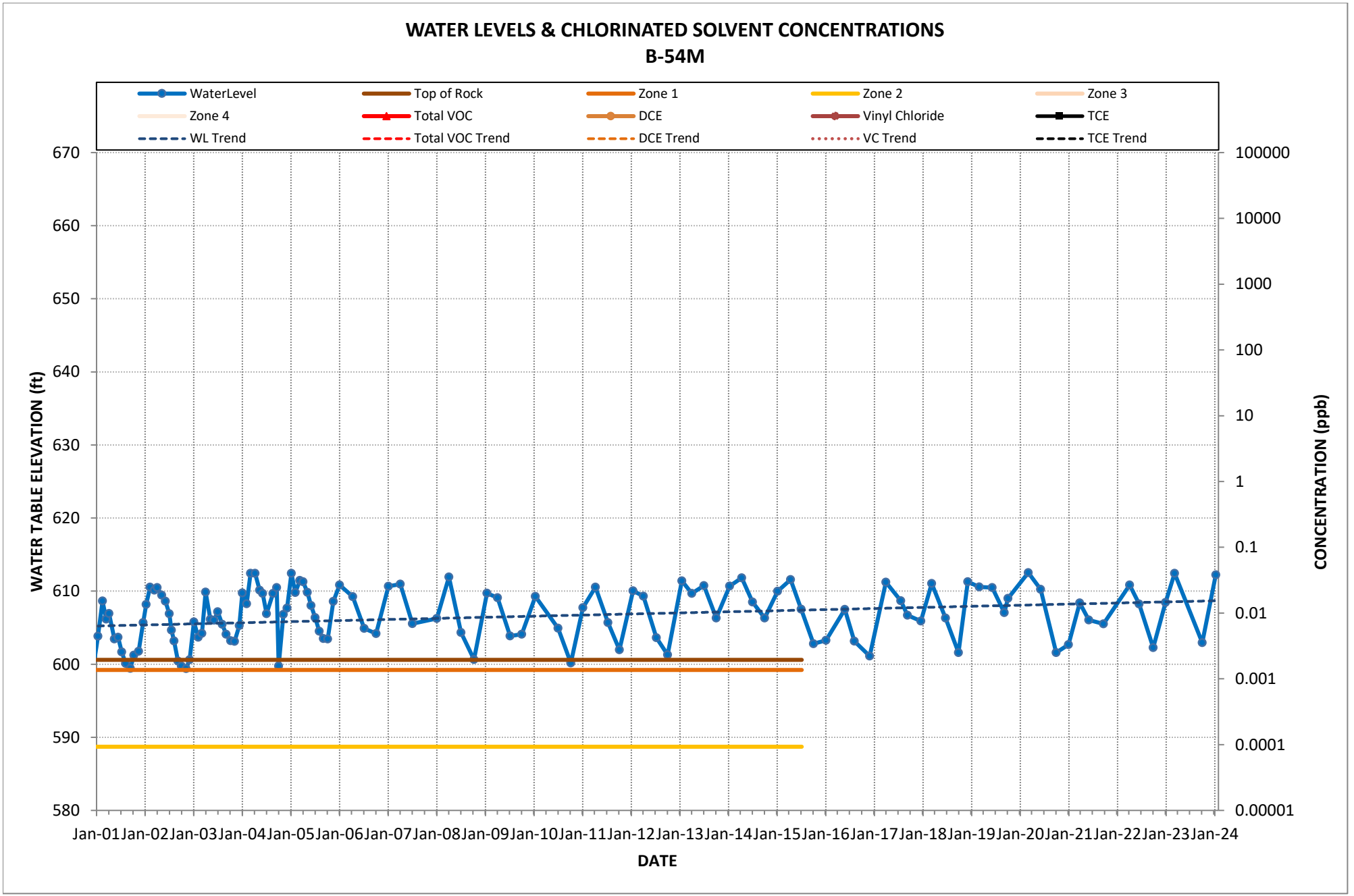
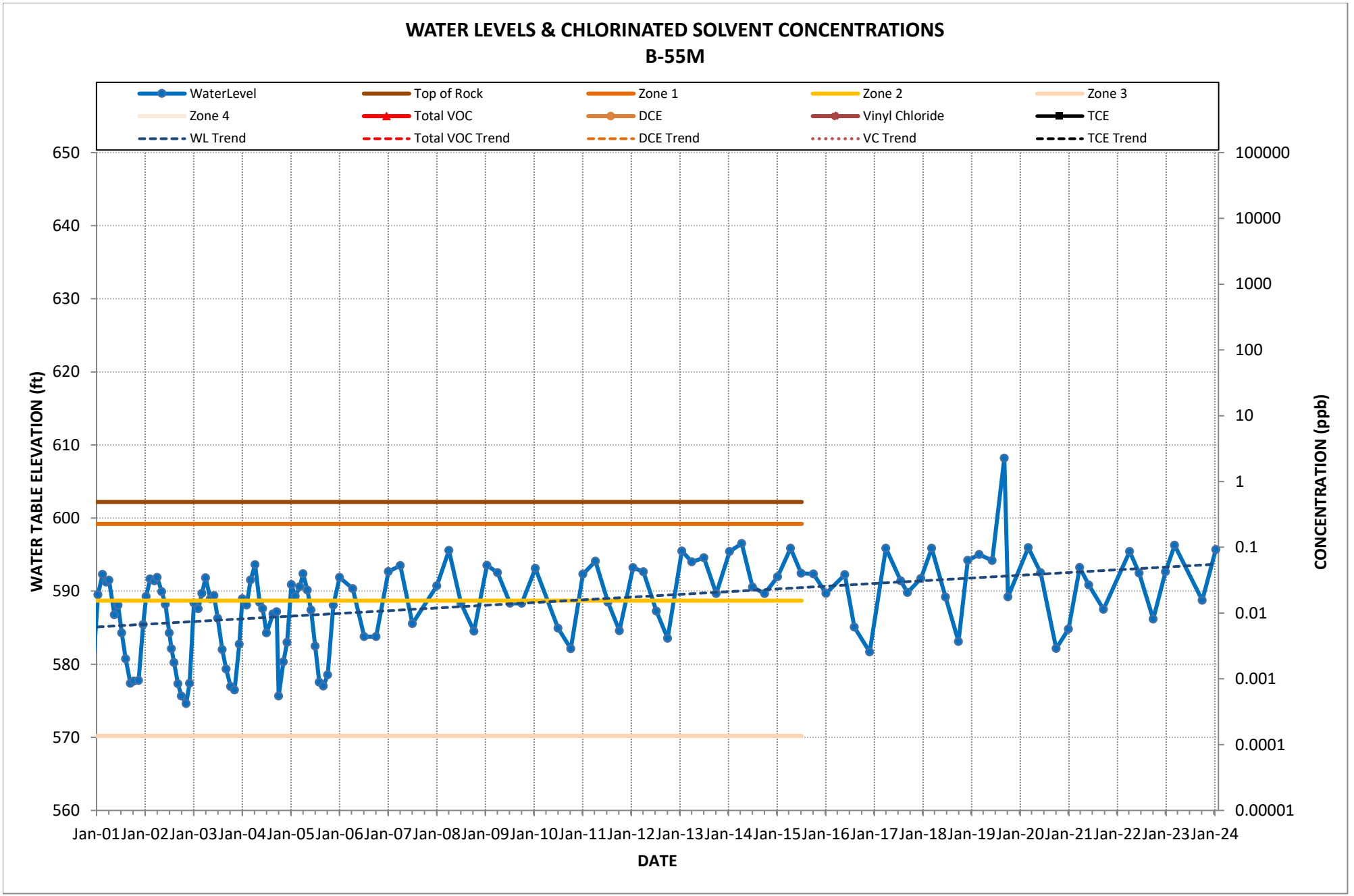
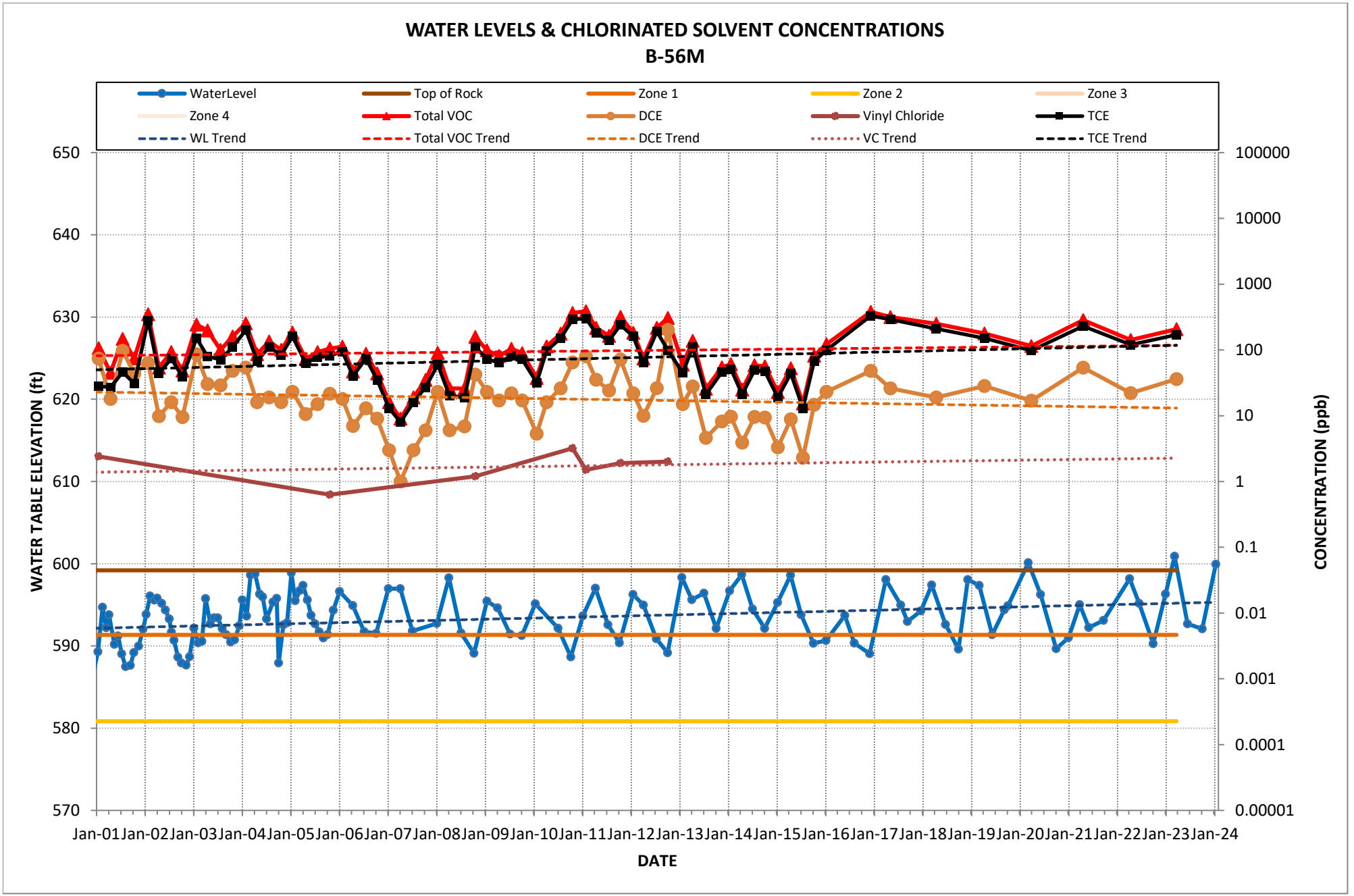
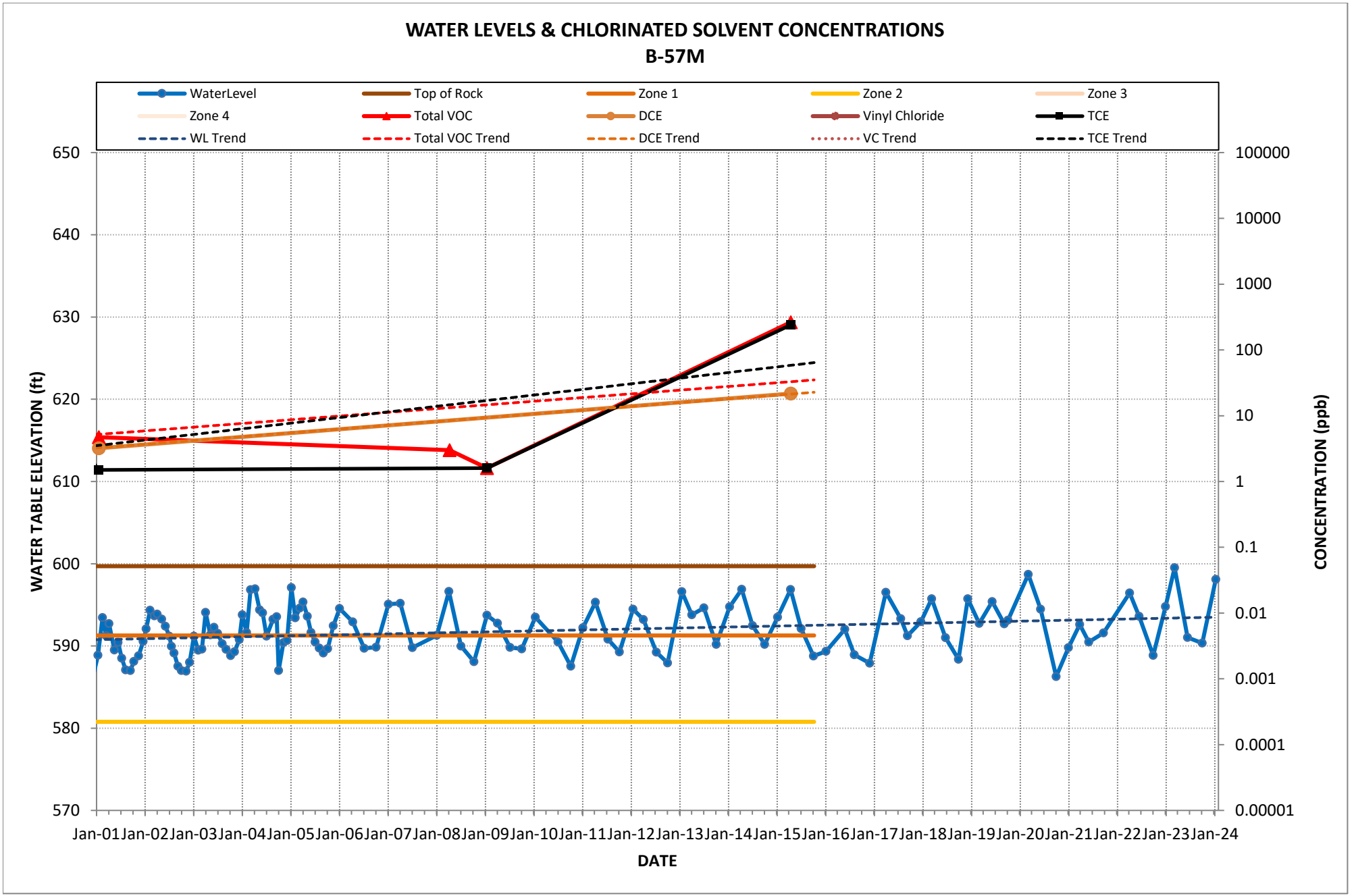
Jan-19
Jan-20
Jan-21
Jan-22
Jan-23
Jan-24


WATER LEVELS & CHLORINATED SOLVENT CONCENTRATIONS
B-54M
WaterLevel
Top of Rock
Zone 1
Zone 2
Zone 3
Zone 4
Total VOC
DCE
Vinyl Chloride
TCE
WL Trend
Total VOC Trend
DCE Trend
VC Trend
TCE Trend
WATER TABLE ELEVATION (ft)
CONCENTRATION (ppb)
670
660
650
640
630
620
610
600
590
580
100000
10000
1000
100
10
1
0.1
0.01
0.001
0.0001
0.00001
Jan-01 Jan-02 Jan-03 Jan-04 Jan-05 Jan-06 Jan-07 Jan-08 Jan-09 Jan-10 Jan-11 Jan-12 Jan-13 Jan-14 Jan-15 Jan-16 Jan-17 Jan-18 Jan-19 Jan-20 Jan-21 Jan-22 Jan-23 Jan-24
DATE


WATER LEVELS & CHLORINATED SOLVENT CONCENTRATIONS
B-55M
WaterLevel
Top of Rock
Zone 1
Zone 2
Zone 3
Zone 4
Total VOC
DCE
Vinyl Chloride
TCE
WL Trend
Total VOC Trend
DCE Trend
VC Trend
TCE Trend
WATER TABLE ELEVATION (ft)
650
640
630
620
610
600
590
580
570
560
CONCENTRATION (ppb)
100000
10000
1000
100
10
1
0.1
0.01
0.001
0.0001
0.00001
Jan-01 Jan-02 Jan-03 Jan-04 Jan-05 Jan-06 Jan-07 Jan-08 Jan-09 Jan-10 Jan-11 Jan-12 Jan-13 Jan-14 Jan-15 Jan-16 Jan-17 Jan-18 Jan-19 Jan-20 Jan-21 Jan-22 Jan-23 Jan-24
DATE


WATER LEVELS & CHLORINATED SOLVENT CONCENTRATIONS
B-56M
WaterLevel
Top of Rock
Zone 1
Zone 2
Zone 3
Zone 4
Total VOC
DCE
Vinyl Chloride
TCE
WL Trend
Total VOC Trend
DCE Trend
VC Trend
TCE Trend
WATER TABLE ELEVATION (ft)
650
640
630
620
610
600
590
580
570
CONCENTRATION (ppb)
100000
10000
1000
100
10
1
0.1
0.01
0.001
0.0001
0.00001
Jan-01 Jan-02 Jan-03 Jan-04 Jan-05 Jan-06 Jan-07 Jan-08 Jan-09 Jan-10 Jan-11 Jan-12 Jan-13 Jan-14 Jan-15 Jan-16 Jan-17 Jan-18 Jan-19 Jan-20 Jan-21 Jan-22 Jan-23 Jan-24
DATE


WATER LEVELS & CHLORINATED SOLVENT CONCENTRATIONS
B-57M
WaterLevel
Top of Rock
Zone 1
Zone 2
Zone 3
Zone 4
Total VOC
DCE
Vinyl Chloride
TCE
WL Trend
Total VOC Trend
DCE Trend
VC Trend
TCE Trend
WATER TABLE ELEVATION (ft)
650
640
630
620
610
600
590
580
570
CONCENTRATION (ppb)
100000
10000
1000
100
10
1
0.1
0.01
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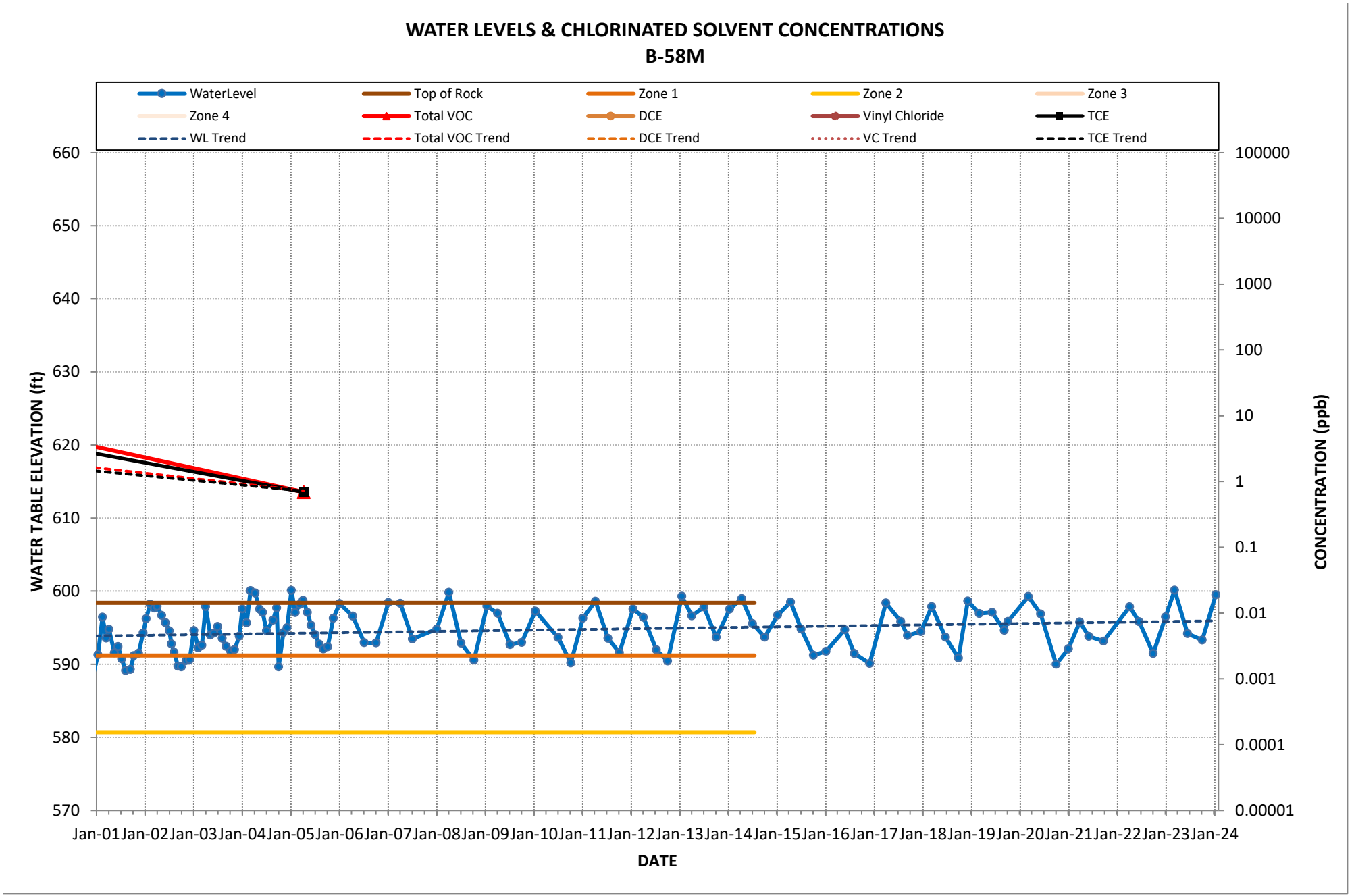
0.0001
0.00001
Jan-01 Jan-02 Jan-03 Jan-04 Jan-05 Jan-06 Jan-07 Jan-08 Jan-09 Jan-10 Jan-11 Jan-12 Jan-13 Jan-14 Jan-15 Jan-16 Jan-17 Jan-18 Jan-19 Jan-20 Jan-21 Jan-22 Jan-23 Jan-24
DATE


WATER LEVELS & CHLORINATED SOLVENT CONCENTRATIONS
B-58M
WaterLevel
Top of Rock
Zone 1
Zone 2
Zone 3
Zone 4
Total VOC
DCE
Vinyl Chloride
TCE
WL Trend
Total VOC Trend
DCE Trend
VC Trend
TCE Trend
WATER TABLE ELEVATION (ft)
660
650
640
630
620
610
600
590
580
570
CONCENTRATION (ppb)
100000
10000
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100
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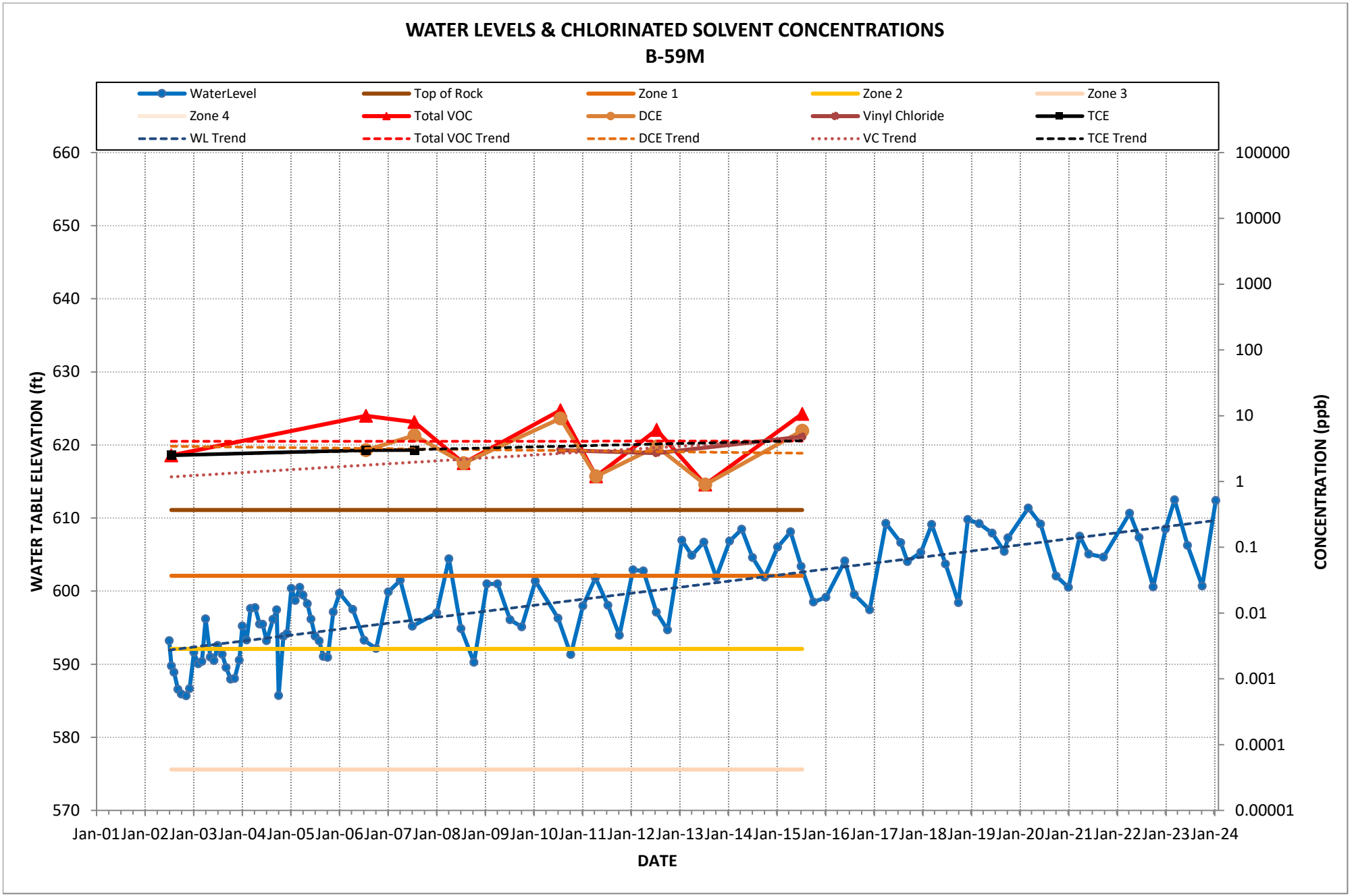
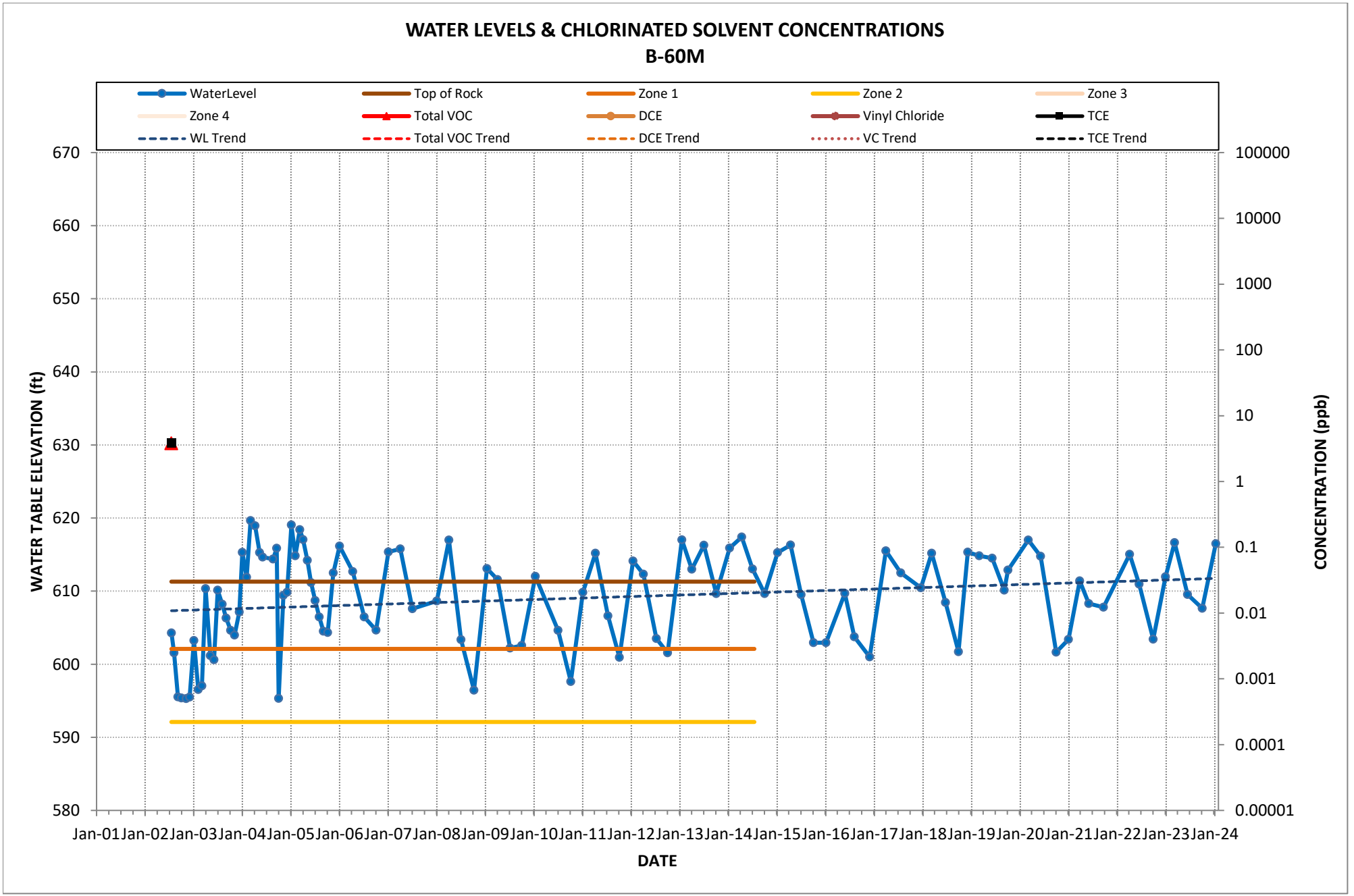
0.00001
Jan-01 Jan-02 Jan-03 Jan-04 Jan-05 Jan-06 Jan-07 Jan-08 Jan-09 Jan-10 Jan-11 Jan-12 Jan-13 Jan-14 Jan-15 Jan-16 Jan-17 Jan-18 Jan-19 Jan-20 Jan-21 Jan-22 Jan-23 Jan-24
DATE


WATER LEVELS & CHLORINATED SOLVENT CONCENTRATIONS
B-59M
WaterLevel
Top of Rock
Zone 1
Zone 2
Zone 3
Zone 4
Total VOC
DCE
Vinyl Chloride
TCE
WL Trend
Total VOC Trend
DCE Trend
VC Trend
TCE Trend
WATER TABLE ELEVATION (ft)
660
650
640
630
620
610
600
590
580
570
CONCENTRATION (ppb)
100000
10000
1000
100
10
1
0.1
0.01
0.001
0.0001
0.00001
Jan-01 Jan-02 Jan-03 Jan-04 Jan-05 Jan-06 Jan-07 Jan-08 Jan-09 Jan-10 Jan-11 Jan-12 Jan-13 Jan-14 Jan-15 Jan-16 Jan-17 Jan-18 Jan-19 Jan-20 Jan-21 Jan-22 Jan-23 Jan-24
DATE


WATER LEVELS & CHLORINATED SOLVENT CONCENTRATIONS
B-60M
WaterLevel
Top of Rock
Zone 1
Zone 2
Zone 3
Zone 4
Total VOC
DCE
Vinyl Chloride
TCE
WL Trend
Total VOC Trend
DCE Trend
VC Trend
TCE Trend
WATER TABLE ELEVATION (ft)
CONCENTRATION (ppb)
DATE
670
660
650
640
630
620
610
600
590
580
100000
10000
1000
100
10
1
0.1
0.01
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0.0001
0.00001
Jan-01
Jan-02
Jan-03
Jan-04
Jan-05
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Jan-12
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Jan-14
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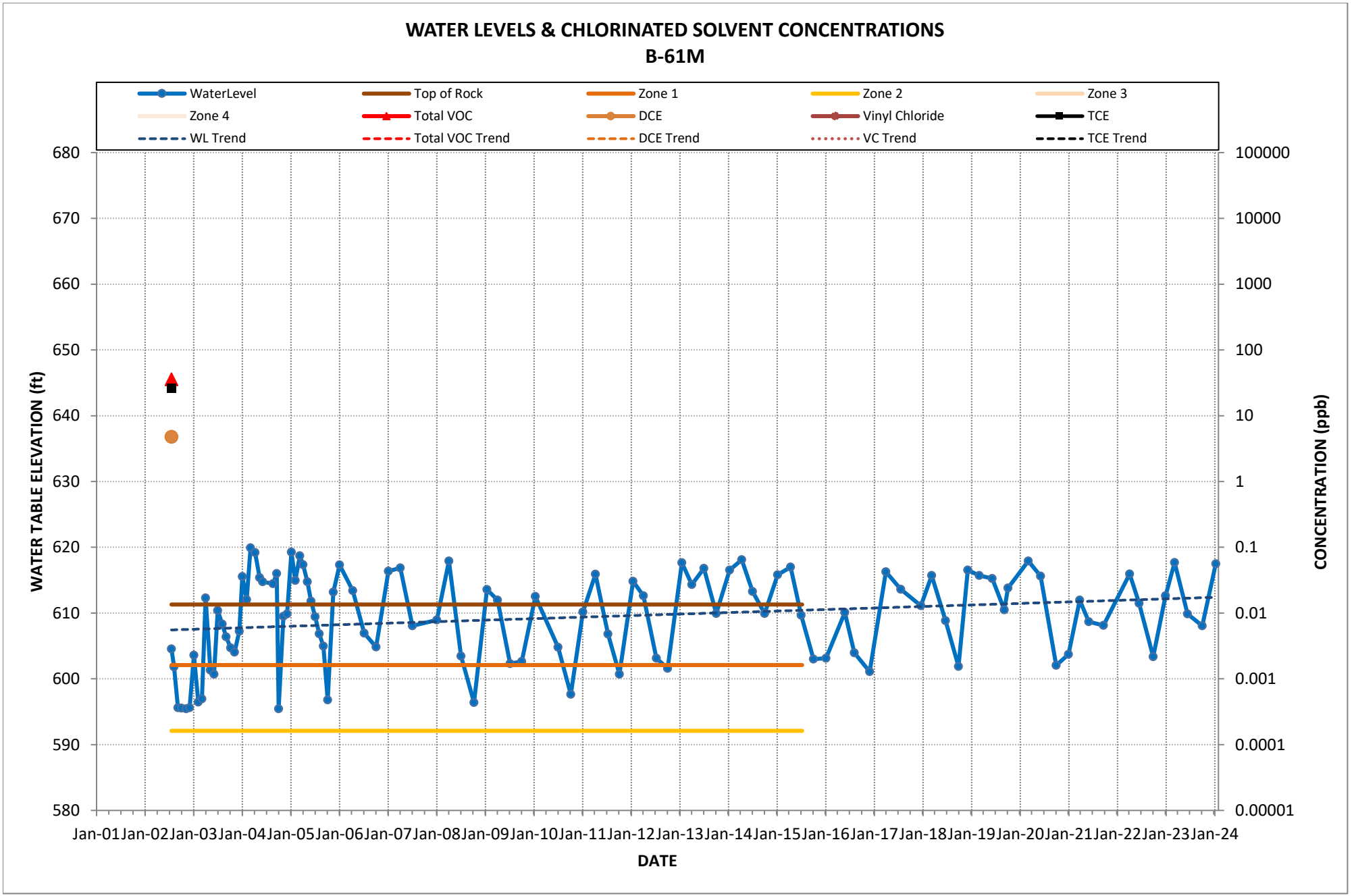
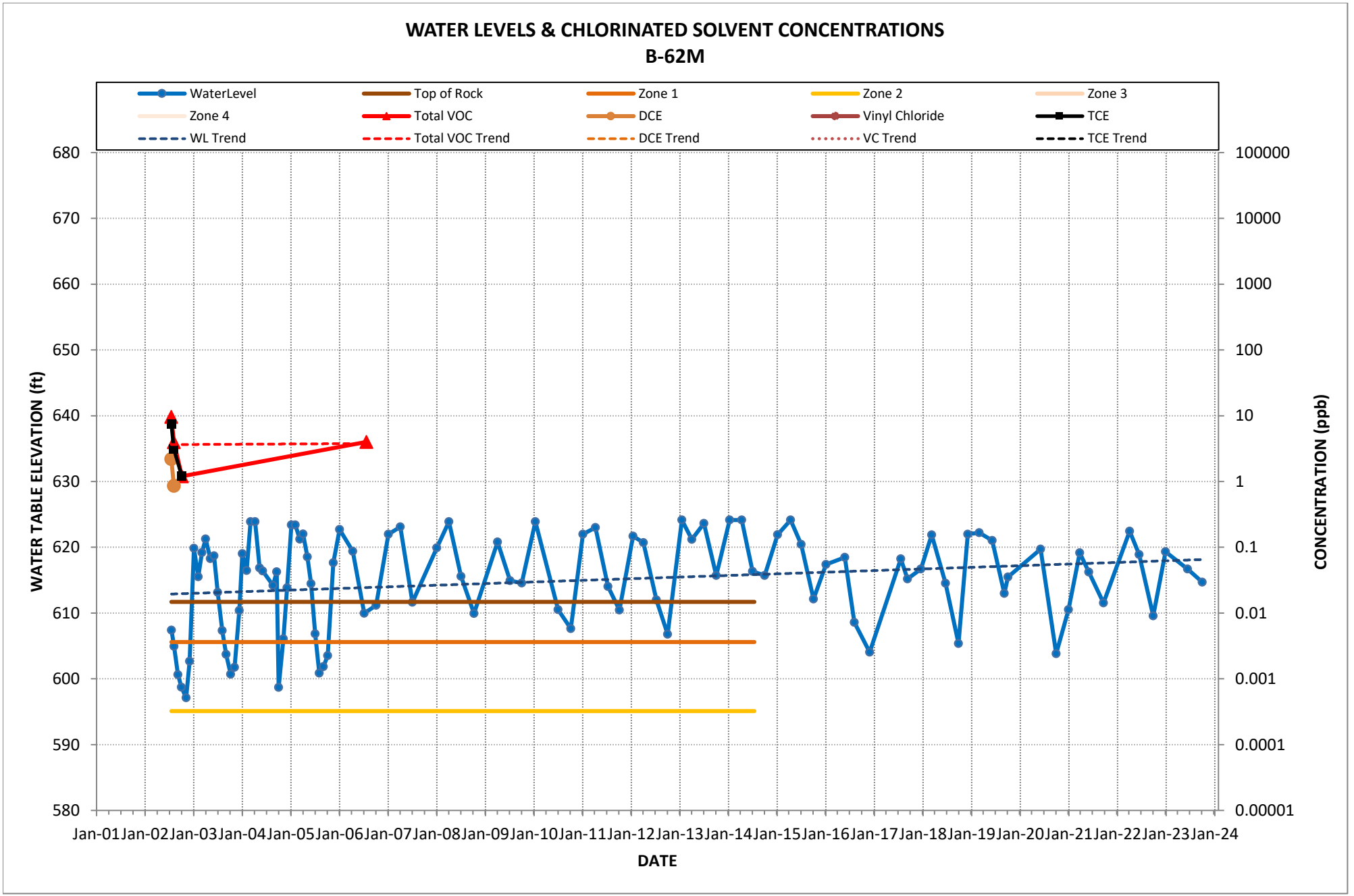
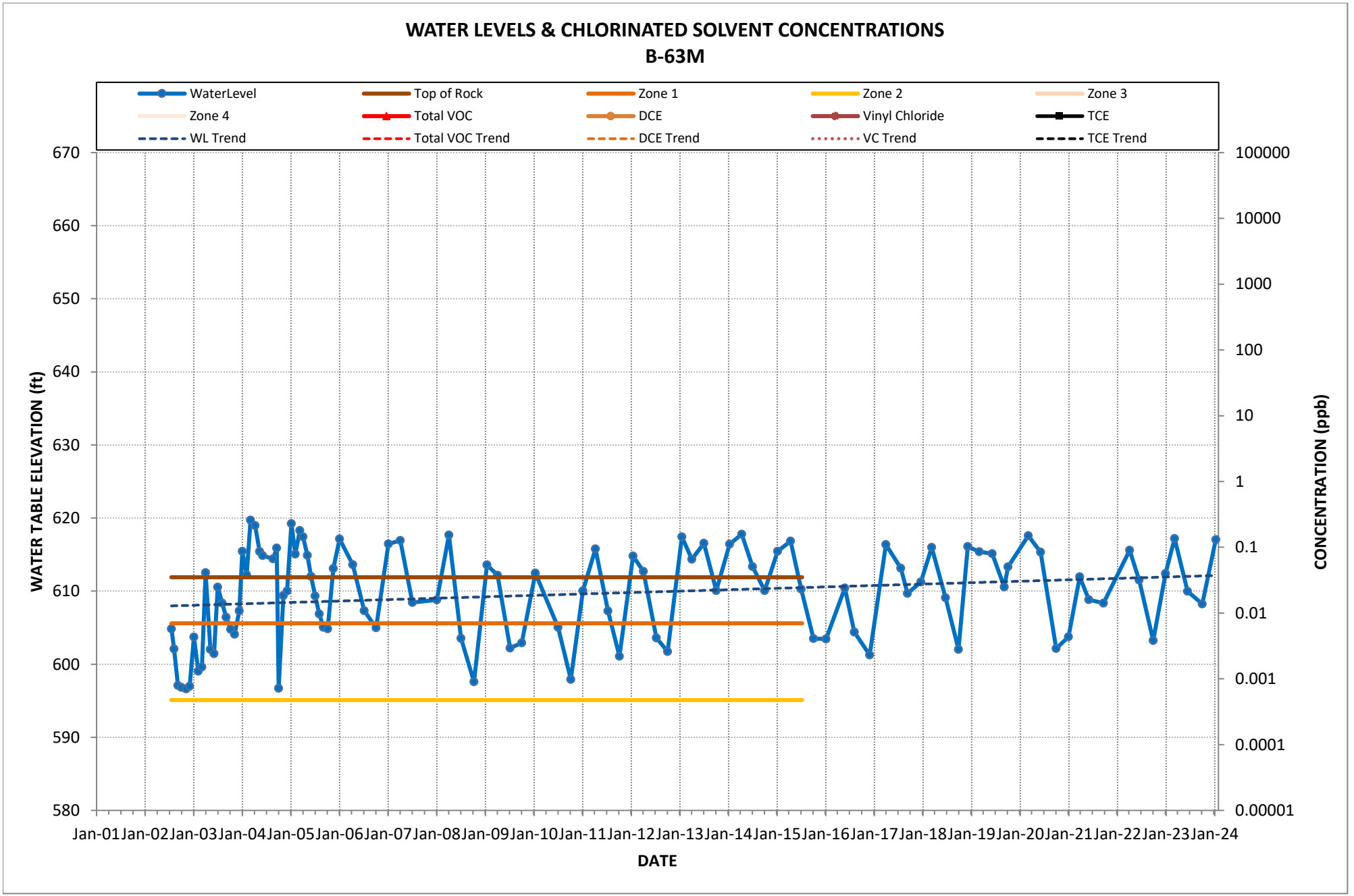
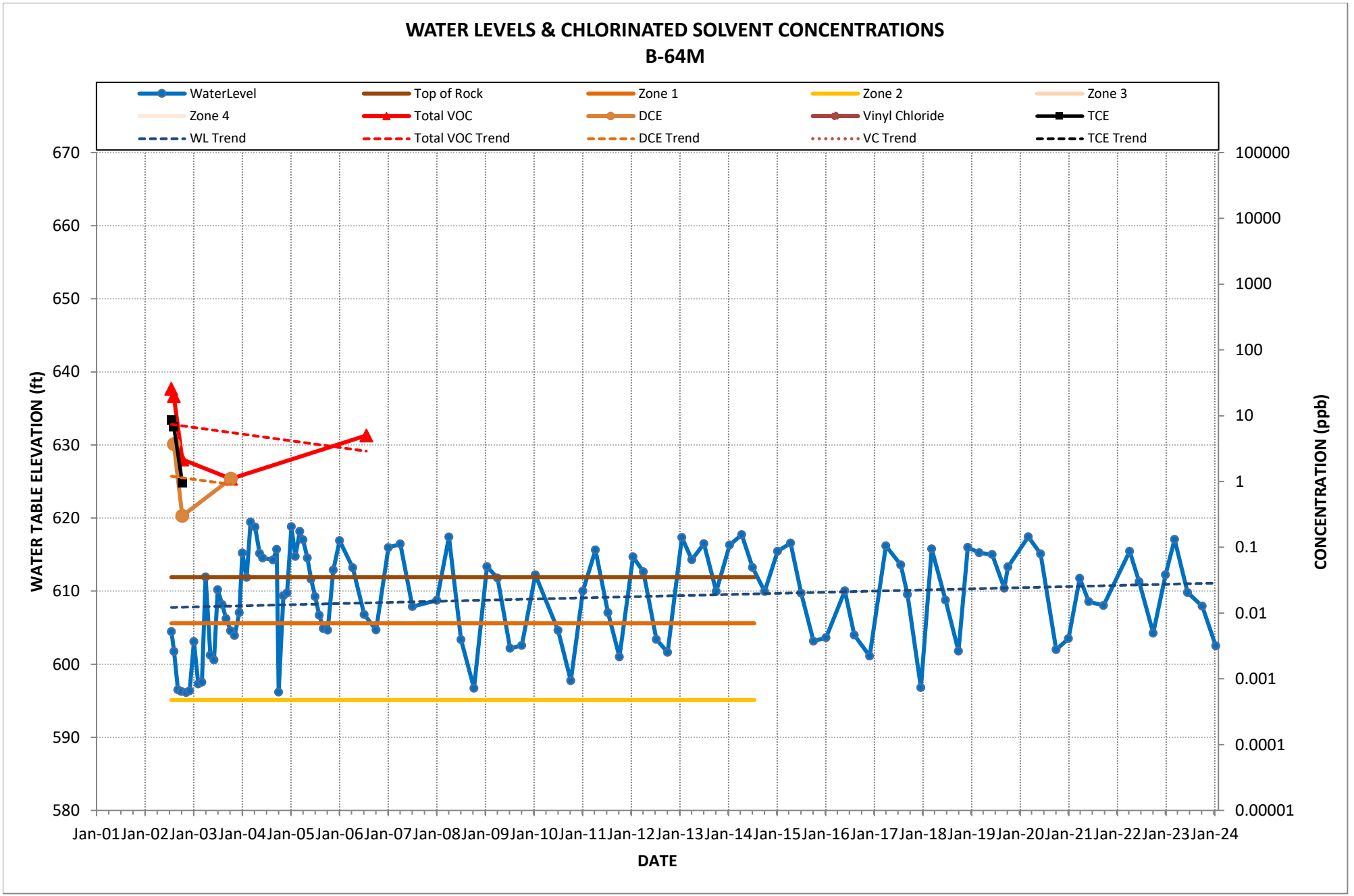
Jan-16
Jan-17
Jan-18
Jan-19
Jan-20
Jan-21
Jan-22
Jan-23
Jan-24


WATER LEVELS & CHLORINATED SOLVENT CONCENTRATIONS
B-61M
WaterLevel
Top of Rock
Zone 1
Zone 2
Zone 3
Zone 4
Total VOC
DCE
Vinyl Chloride
TCE
WL Trend
Total VOC Trend
DCE Trend
VC Trend
TCE Trend
WATER TABLE ELEVATION (ft)
680
670
660
650
640
630
620
610
600
590
580
CONCENTRATION (ppb)
100000
10000
1000
100
10
1
0.1
0.01
0.001
0.0001
0.00001
Jan-01 Jan-02 Jan-03 Jan-04 Jan-05 Jan-06 Jan-07 Jan-08 Jan-09 Jan-10 Jan-11 Jan-12 Jan-13 Jan-14 Jan-15 Jan-16 Jan-17 Jan-18 Jan-19 Jan-20 Jan-21 Jan-22 Jan-23 Jan-24
DATE


WATER LEVELS & CHLORINATED SOLVENT CONCENTRATIONS
B-62M
WaterLevel
Top of Rock
Zone 1
Zone 2
Zone 3
Zone 4
Total VOC
DCE
Vinyl Chloride
TCE
WL Trend
Total VOC Trend
DCE Trend
VC Trend
TCE Trend
WATER TABLE ELEVATION (ft)
CONCENTRATION (ppb)
680
670
660
650
640
630
620
610
600
590
580
100000
10000
1000
100
10
1
0.1
0.01
0.001
0.0001
0.00001
Jan-01 Jan-02 Jan-03 Jan-04 Jan-05 Jan-06 Jan-07 Jan-08 Jan-09 Jan-10 Jan-11 Jan-12 Jan-13 Jan-14 Jan-15 Jan-16 Jan-17 Jan-18 Jan-19 Jan-20 Jan-21 Jan-22 Jan-23 Jan-24
DATE


WATER LEVELS & CHLORINATED SOLVENT CONCENTRATIONS
B-63M
WaterLevel
Top of Rock
Zone 1
Zone 2
Zone 3
Zone 4
Total VOC
DCE
Vinyl Chloride
TCE
WL Trend
Total VOC Trend
DCE Trend
VC Trend
TCE Trend
WATER TABLE ELEVATION (ft)
670
660
650
640
630
620
610
600
590
580
CONCENTRATION (ppb)
100000
10000
1000
100
10
1
0.1
0.01
0.001
0.0001
0.00001
Jan-01 Jan-02 Jan-03 Jan-04 Jan-05 Jan-06 Jan-07 Jan-08 Jan-09 Jan-10 Jan-11 Jan-12 Jan-13 Jan-14 Jan-15 Jan-16 Jan-17 Jan-18 Jan-19 Jan-20 Jan-21 Jan-22 Jan-23 Jan-24
DATE


WATER LEVELS & CHLORINATED SOLVENT CONCENTRATIONS
B-64M
WaterLevel
Top of Rock
Zone 1
Zone 2
Zone 3
Zone 4
Total VOC
DCE
Vinyl Chloride
TCE
WL Trend
Total VOC Trend
DCE Trend
VC Trend
TCE Trend
WATER TABLE ELEVATION (ft)
CONCENTRATION (ppb)
DATE
670
660
650
640
630
620
610
600
590
580
100000
10000
1000
100
10
1
0.1
0.01
0.001
0.0001
0.00001
Jan-01
Jan-02
Jan-03
Jan-04
Jan-05
Jan-06
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Jan-11
Jan-12
Jan-13
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Jan-16
Jan-17
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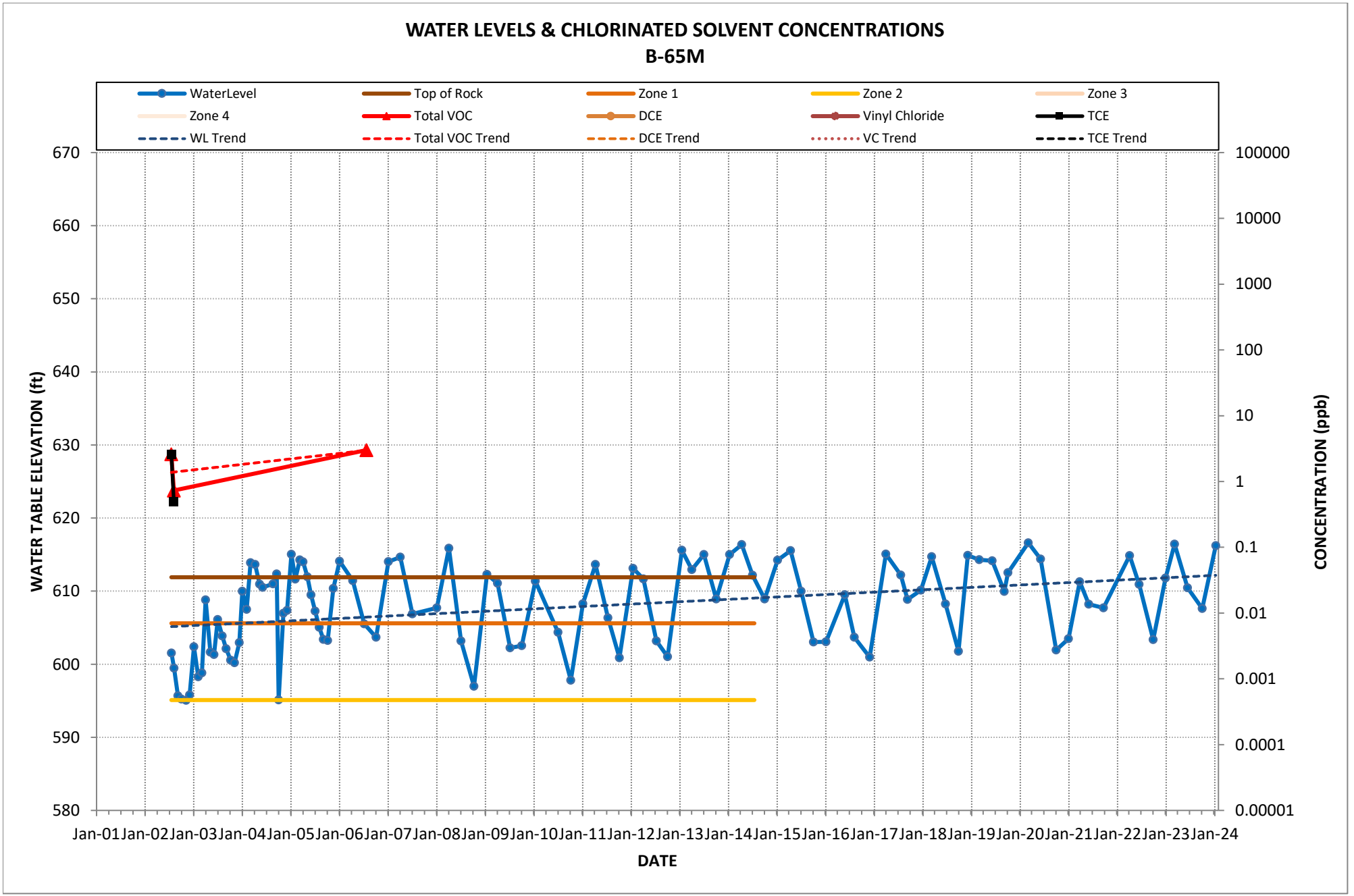
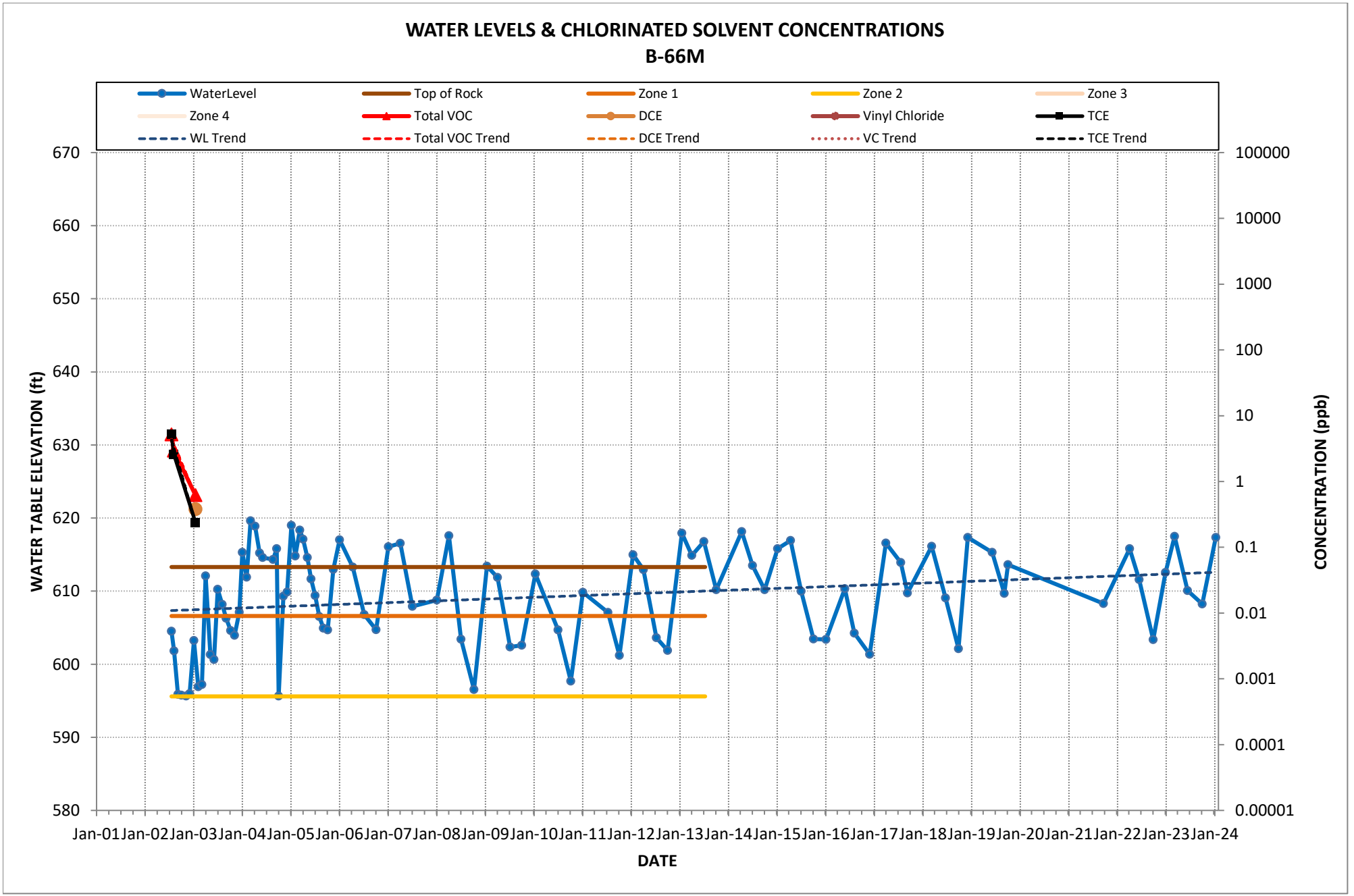
Jan-19
Jan-20
Jan-21
Jan-22
Jan-23
Jan-24


WATER LEVELS & CHLORINATED SOLVENT CONCENTRATIONS
B-65M
WaterLevel
Top of Rock
Zone 1
Zone 2
Zone 3
Zone 4
Total VOC
DCE
Vinyl Chloride
TCE
WL Trend
Total VOC Trend
DCE Trend
VC Trend
TCE Trend
WATER TABLE ELEVATION (ft)
670
660
650
640
630
620
610
600
590
580
CONCENTRATION (ppb)
100000
10000
1000
100
10
1
0.1
0.01
0.001
0.0001
0.00001
Jan-01 Jan-02 Jan-03 Jan-04 Jan-05 Jan-06 Jan-07 Jan-08 Jan-09 Jan-10 Jan-11 Jan-12 Jan-13 Jan-14 Jan-15 Jan-16 Jan-17 Jan-18 Jan-19 Jan-20 Jan-21 Jan-22 Jan-23 Jan-24
DATE


WATER LEVELS & CHLORINATED SOLVENT CONCENTRATIONS
B-66M
WaterLevel
Top of Rock
Zone 1
Zone 2
Zone 3
Zone 4
Total VOC
DCE
Vinyl Chloride
TCE
WL Trend
Total VOC Trend
DCE Trend
VC Trend
TCE Trend
WATER TABLE ELEVATION (ft)
CONCENTRATION (ppb)
DATE
670
660
650
640
630
620
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600
590
580
100000
10000
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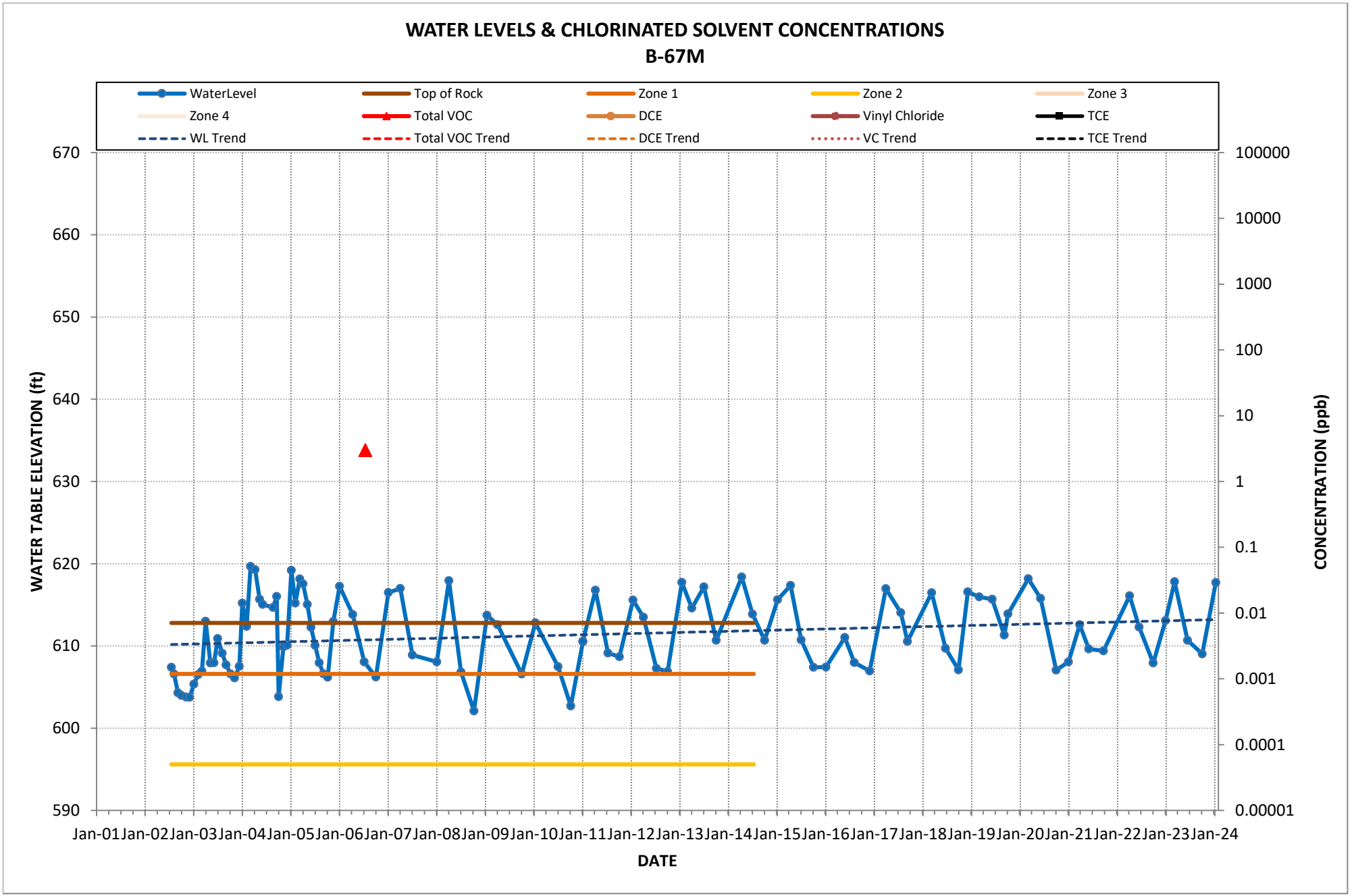
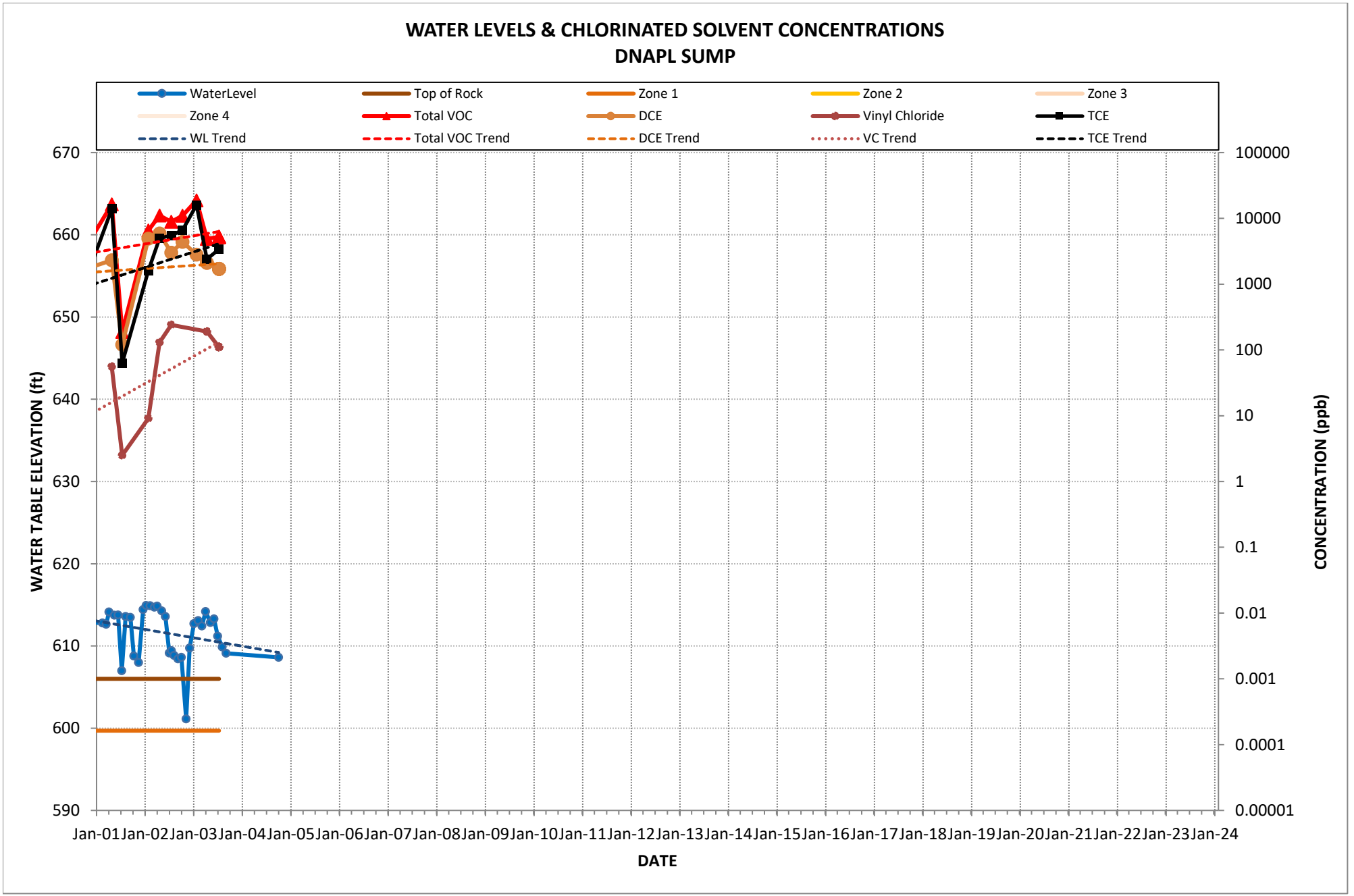
Jan-01 Jan-02 Jan-03 Jan-04 Jan-05 Jan-06 Jan-07 Jan-08 Jan-09 Jan-10 Jan-11 Jan-12 Jan-13 Jan-14 Jan-15 Jan-16 Jan-17 Jan-18 Jan-19 Jan-20 Jan-21 Jan-22 Jan-23 Jan-24


WATER LEVELS & CHLORINATED SOLVENT CONCENTRATIONS
B-67M
WaterLevel
Top of Rock
Zone 1
Zone 2
Zone 3
Zone 4
Total VOC
DCE
Vinyl Chloride
TCE
WL Trend
Total VOC Trend
DCE Trend
VC Trend
TCE Trend
WATER TABLE ELEVATION (ft)
670
660
650
640
630
620
610
600
590
CONCENTRATION (ppb)
100000
10000
1000
100
10
1
0.1
0.01
0.001
0.0001
0.00001
Jan-01 Jan-02 Jan-03 Jan-04 Jan-05 Jan-06 Jan-07 Jan-08 Jan-09 Jan-10 Jan-11 Jan-12 Jan-13 Jan-14 Jan-15 Jan-16 Jan-17 Jan-18 Jan-19 Jan-20 Jan-21 Jan-22 Jan-23 Jan-24
DATE


WATER LEVELS & CHLORINATED SOLVENT CONCENTRATIONS
DNAPL SUMP
WaterLevel
Top of Rock
Zone 1
Zone 2
Zone 3
Zone 4
Total VOC
DCE
Vinyl Chloride
TCE
WL Trend
Total VOC Trend
DCE Trend
VC Trend
TCE Trend
WATER TABLE ELEVATION (ft)
670
660
650
640
630
620
610
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590
CONCENTRATION (ppb)
100000
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0.1
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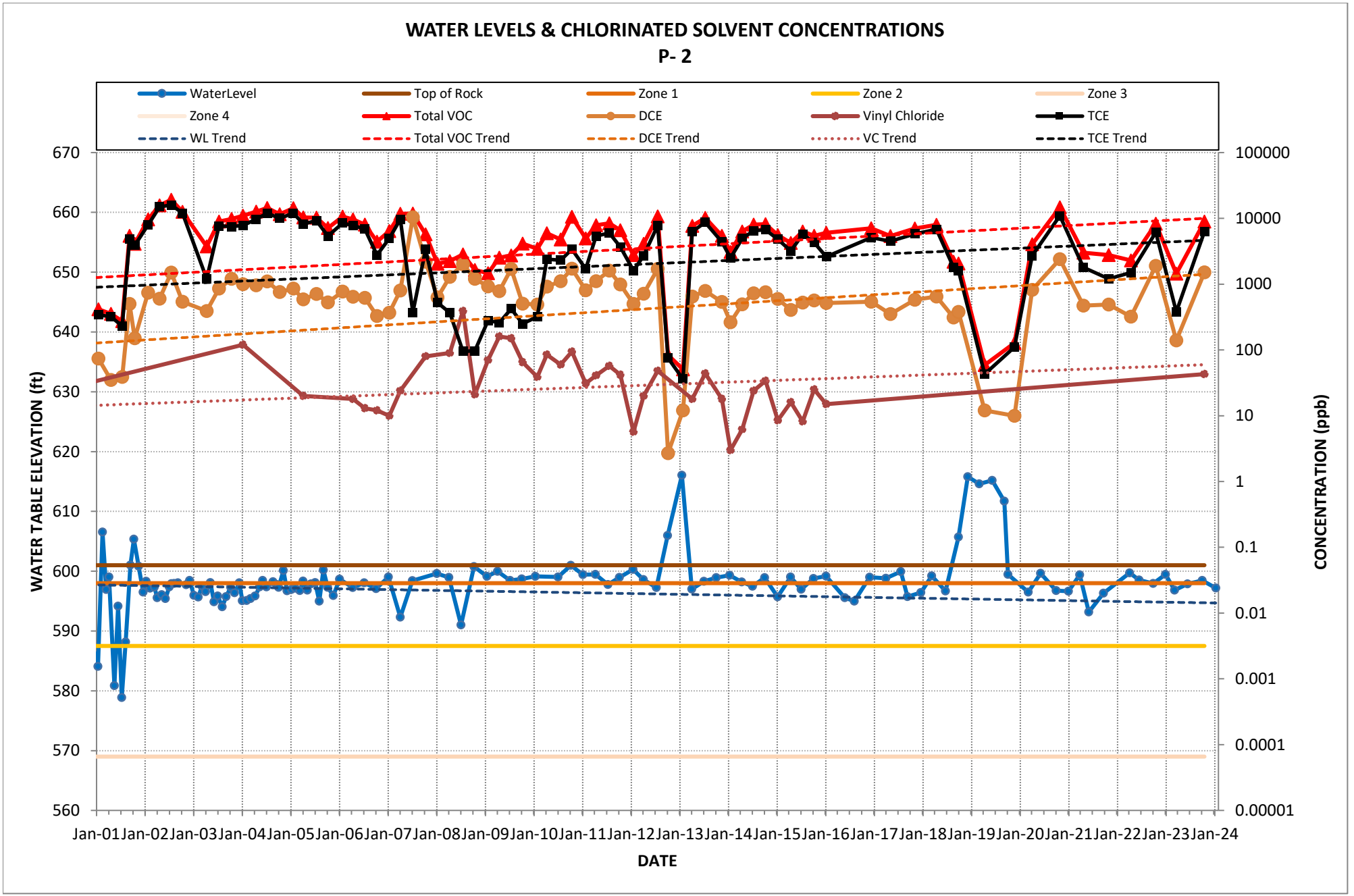
Jan-01 Jan-02 Jan-03 Jan-04 Jan-05 Jan-06 Jan-07 Jan-08 Jan-09 Jan-10 Jan-11 Jan-12 Jan-13 Jan-14 Jan-15 Jan-16 Jan-17 Jan-18 Jan-19 Jan-20 Jan-21 Jan-22 Jan-23 Jan-24
DATE


WATER LEVELS & CHLORINATED SOLVENT CONCENTRATIONS
P- 2
WaterLevel
Top of Rock
Zone 1
Zone 2
Zone 3
Zone 4
Total VOC
DCE
Vinyl Chloride
TCE
WL Trend
Total VOC Trend
DCE Trend
VC Trend
TCE Trend
WATER TABLE ELEVATION (ft)
CONCENTRATION (ppb)
DATE
670
660
650
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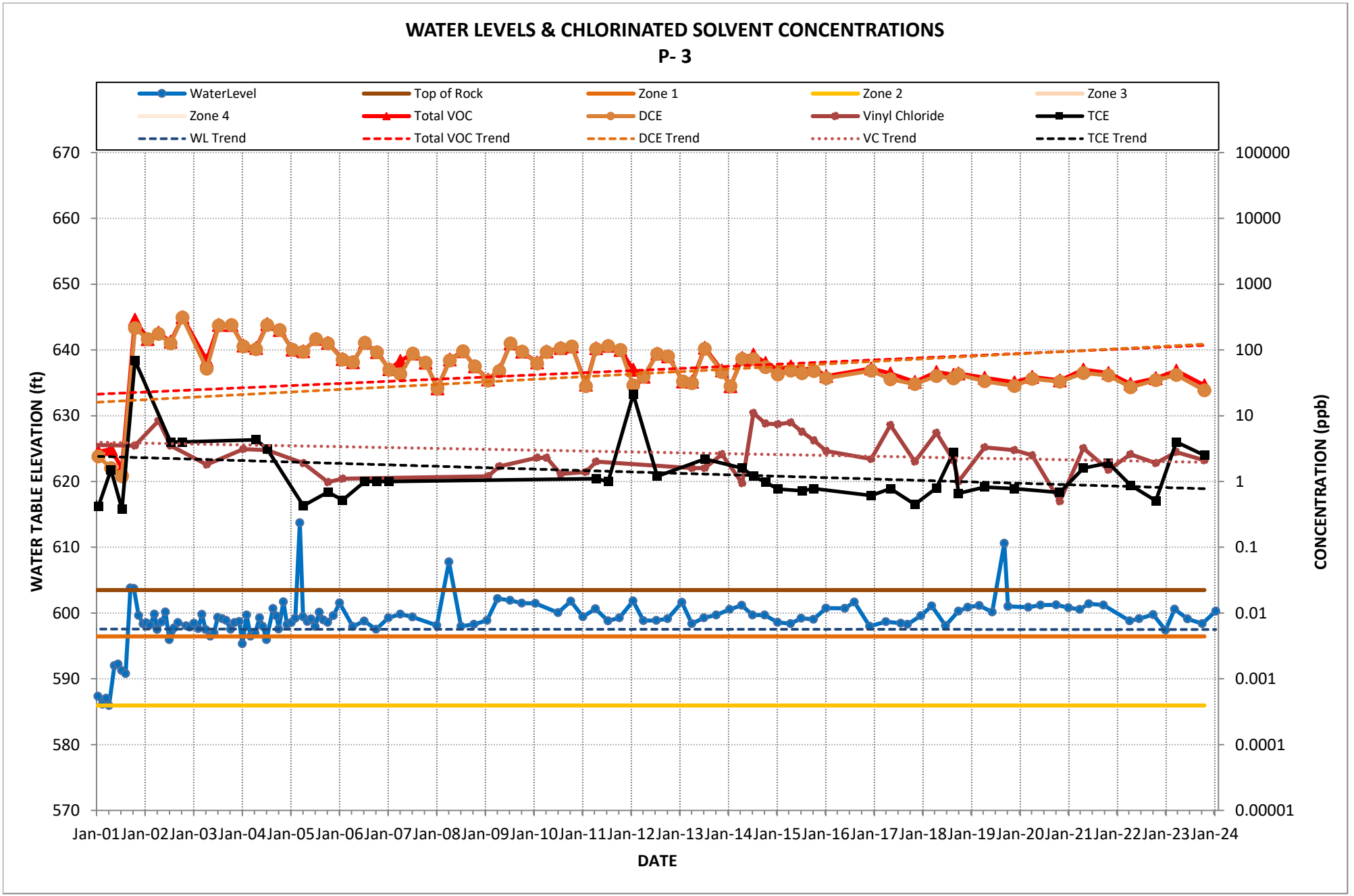
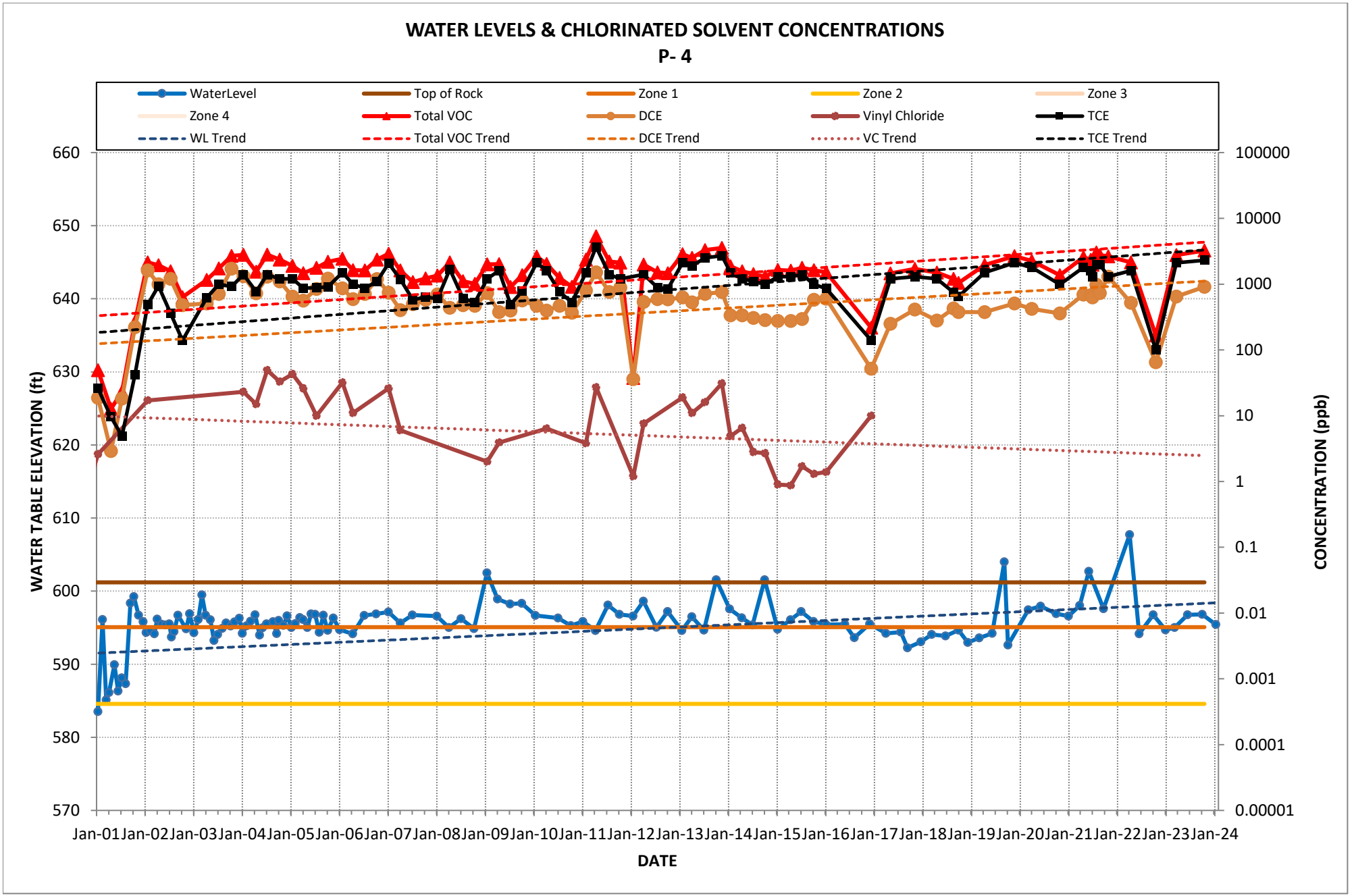
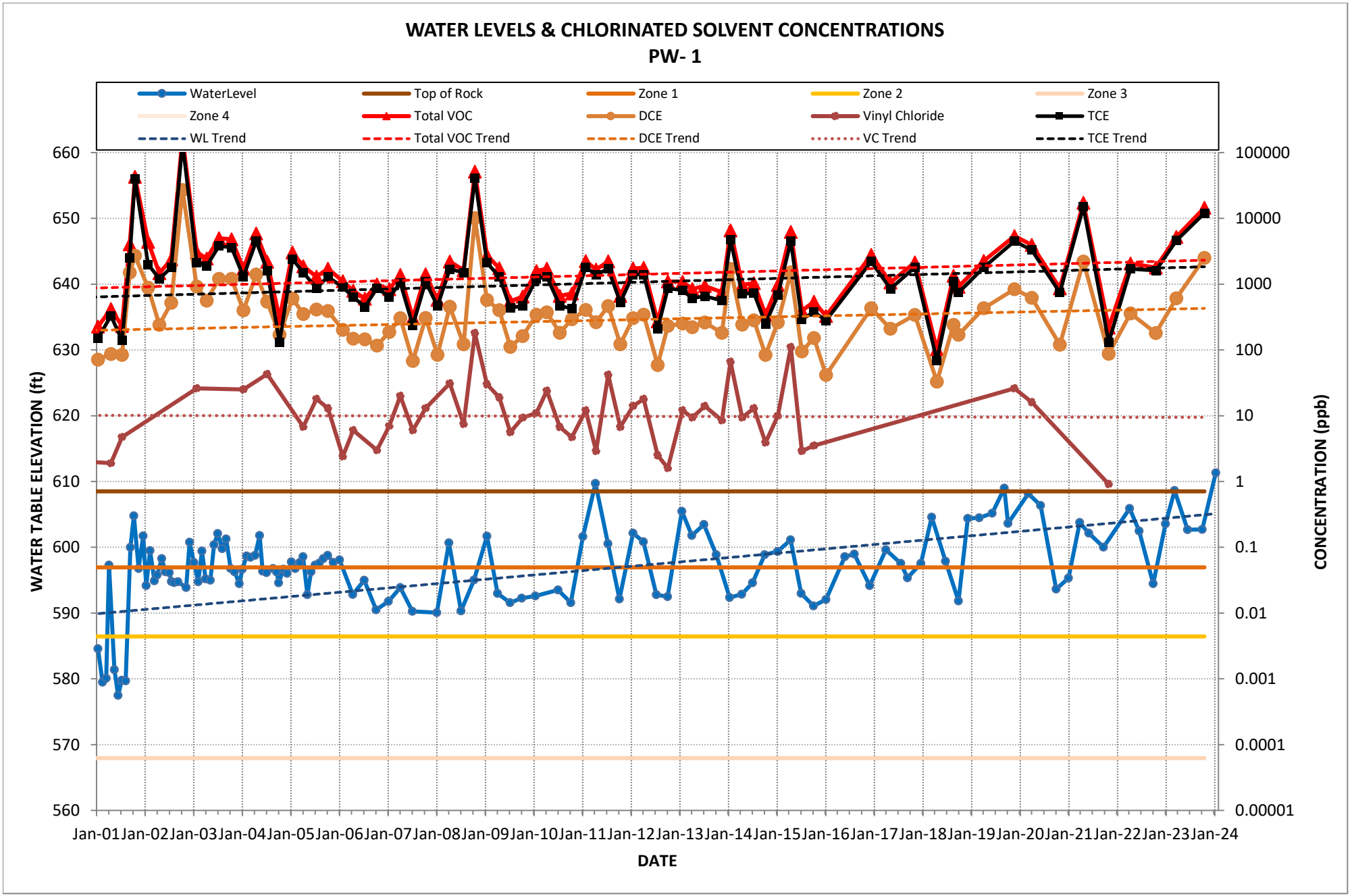
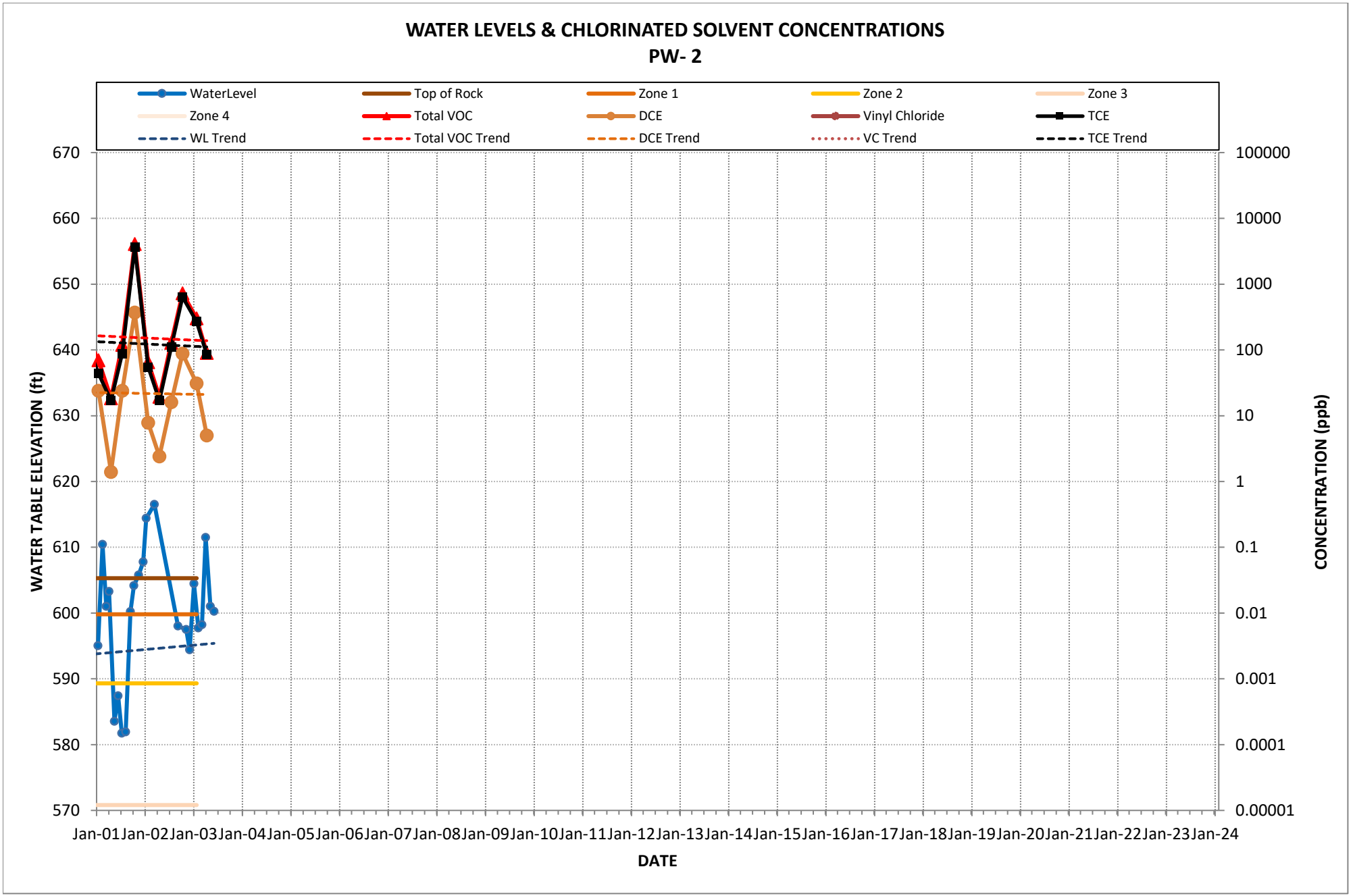
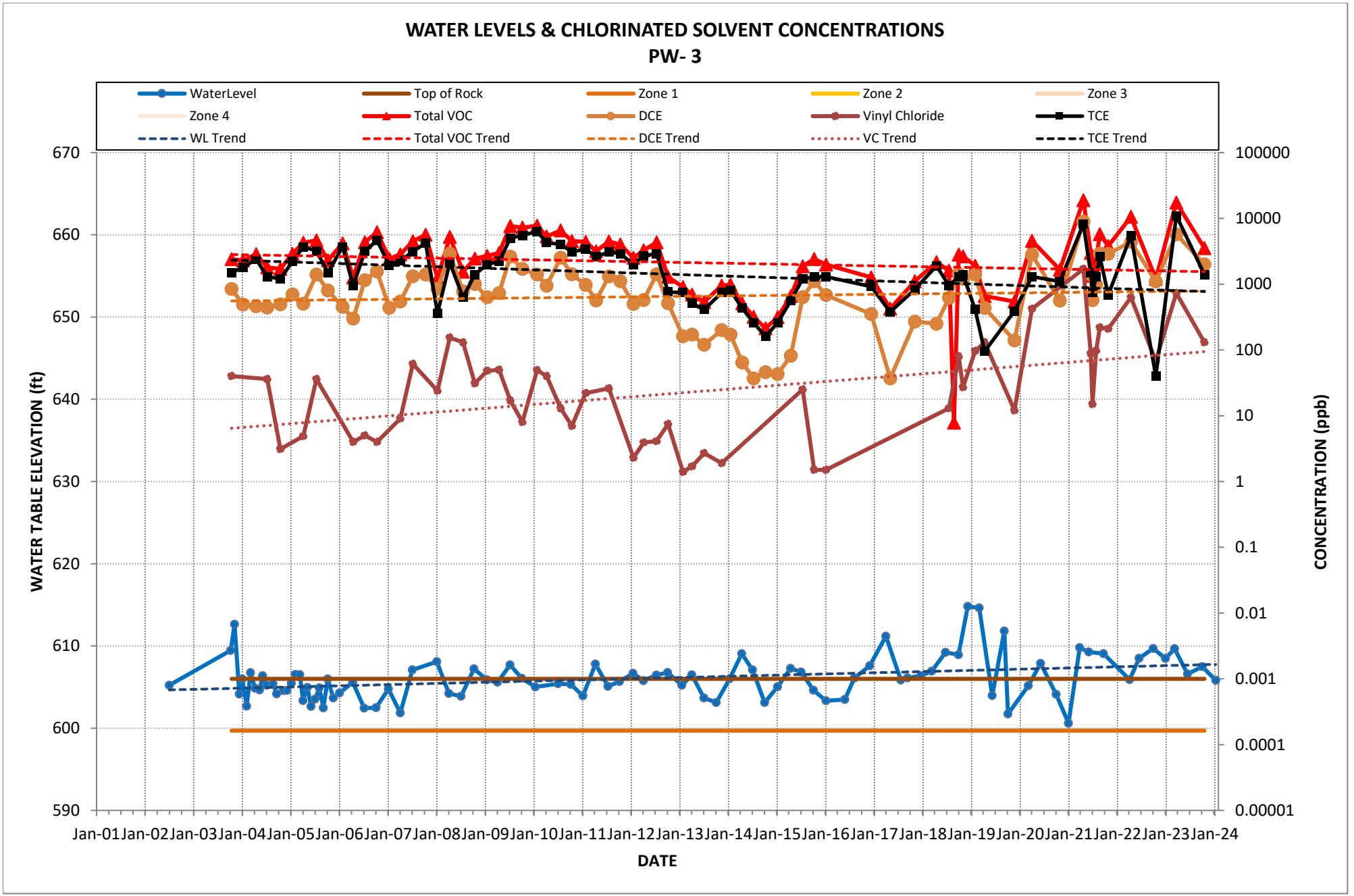
600
590
580
570
560
100000
10000
1000
100
10
1
0.1
0.01
0.001
0.0001
0.00001
Jan-01
Jan-02
Jan-03
Jan-04
Jan-05
Jan-06
Jan-07
Jan-08
Jan-09
Jan-10
Jan-11
Jan-12
Jan-13
Jan-14
Jan-15
Jan-16
Jan-17
Jan-18
Jan-19
Jan-20
Jan-21
Jan-22
Jan-23
Jan-24


WATER LEVELS & CHLORINATED SOLVENT CONCENTRATIONS
P- 3
WaterLevel
Top of Rock
Zone 1
Zone 2
Zone 3
Zone 4
Total VOC
DCE
Vinyl Chloride
TCE
WL Trend
Total VOC Trend
DCE Trend
VC Trend
TCE Trend
WATER TABLE ELEVATION (ft)
CONCENTRATION (ppb)
DATE
670
660
650
640
630
620
610
600
590
580
570
100000
10000
1000
100
10
1
0.1
0.01
0.001
0.0001
0.00001
Jan-01
Jan-02
Jan-03
Jan-04
Jan-05
Jan-06
Jan-07
Jan-08
Jan-09
Jan-10
Jan-11
Jan-12
Jan-13
Jan-14
Jan-15
Jan-16
Jan-17
Jan-18
Jan-19
Jan-20
Jan-21
Jan-22
Jan-23
Jan-24


WATER LEVELS & CHLORINATED SOLVENT CONCENTRATIONS
P- 4
WaterLevel
Top of Rock
Zone 1
Zone 2
Zone 3
Zone 4
Total VOC
DCE
Vinyl Chloride
TCE
WL Trend
Total VOC Trend
DCE Trend
VC Trend
TCE Trend
WATER TABLE ELEVATION (ft)
CONCENTRATION (ppb)
660
650
640
630
620
610
600
590
580
570
100000
10000
1000
100
10
1
0.1
0.01
0.001
0.0001
0.00001
Jan-01 Jan-02 Jan-03 Jan-04 Jan-05 Jan-06 Jan-07 Jan-08 Jan-09 Jan-10 Jan-11 Jan-12 Jan-13 Jan-14 Jan-15 Jan-16 Jan-17 Jan-18 Jan-19 Jan-20 Jan-21 Jan-22 Jan-23 Jan-24
DATE


WATER LEVELS & CHLORINATED SOLVENT CONCENTRATIONS
PW- 1
WaterLevel
Top of Rock
Zone 1
Zone 2
Zone 3
Zone 4
Total VOC
DCE
Vinyl Chloride
TCE
WL Trend
Total VOC Trend
DCE Trend
VC Trend
TCE Trend
WATER TABLE ELEVATION (ft)
CONCENTRATION (ppb)
660
650
640
630
620
610
600
590
580
570
560
100000
10000
1000
100
10
1
0.1
0.01
0.001
0.0001
0.00001
Jan-01 Jan-02 Jan-03 Jan-04 Jan-05 Jan-06 Jan-07 Jan-08 Jan-09 Jan-10 Jan-11 Jan-12 Jan-13 Jan-14 Jan-15 Jan-16 Jan-17 Jan-18 Jan-19 Jan-20 Jan-21 Jan-22 Jan-23 Jan-24
DATE


WATER LEVELS & CHLORINATED SOLVENT CONCENTRATIONS
PW- 2
WaterLevel
Top of Rock
Zone 1
Zone 2
Zone 3
Zone 4
Total VOC
DCE
Vinyl Chloride
TCE
WL Trend
Total VOC Trend
DCE Trend
VC Trend
TCE Trend
WATER TABLE ELEVATION (ft)
670
660
650
640
630
620
610
600
590
580
570
CONCENTRATION (ppb)
100000
10000
1000
100
10
1
0.1
0.01
0.001
0.0001
0.00001
Jan-01 Jan-02 Jan-03 Jan-04 Jan-05 Jan-06 Jan-07 Jan-08 Jan-09 Jan-10 Jan-11 Jan-12 Jan-13 Jan-14 Jan-15 Jan-16 Jan-17 Jan-18 Jan-19 Jan-20 Jan-21 Jan-22 Jan-23 Jan-24
DATE


WATER LEVELS & CHLORINATED SOLVENT CONCENTRATIONS
PW- 3
WaterLevel
Top of Rock
Zone 1
Zone 2
Zone 3
Zone 4
Total VOC
DCE
Vinyl Chloride
TCE
WL Trend
Total VOC Trend
DCE Trend
VC Trend
TCE Trend
WATER TABLE ELEVATION (ft)
CONCENTRATION (ppb)
DATE
670
660
650
640
630
620
610
600
590
100000
10000
1000
100
10
1
0.1
0.01
0.001
0.0001
0.00001
Jan-01
Jan-02
Jan-03
Jan-04
Jan-05
Jan-06
Jan-07
Jan-08
Jan-09
Jan-10
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Jan-12
Jan-13
Jan-14
Jan-15
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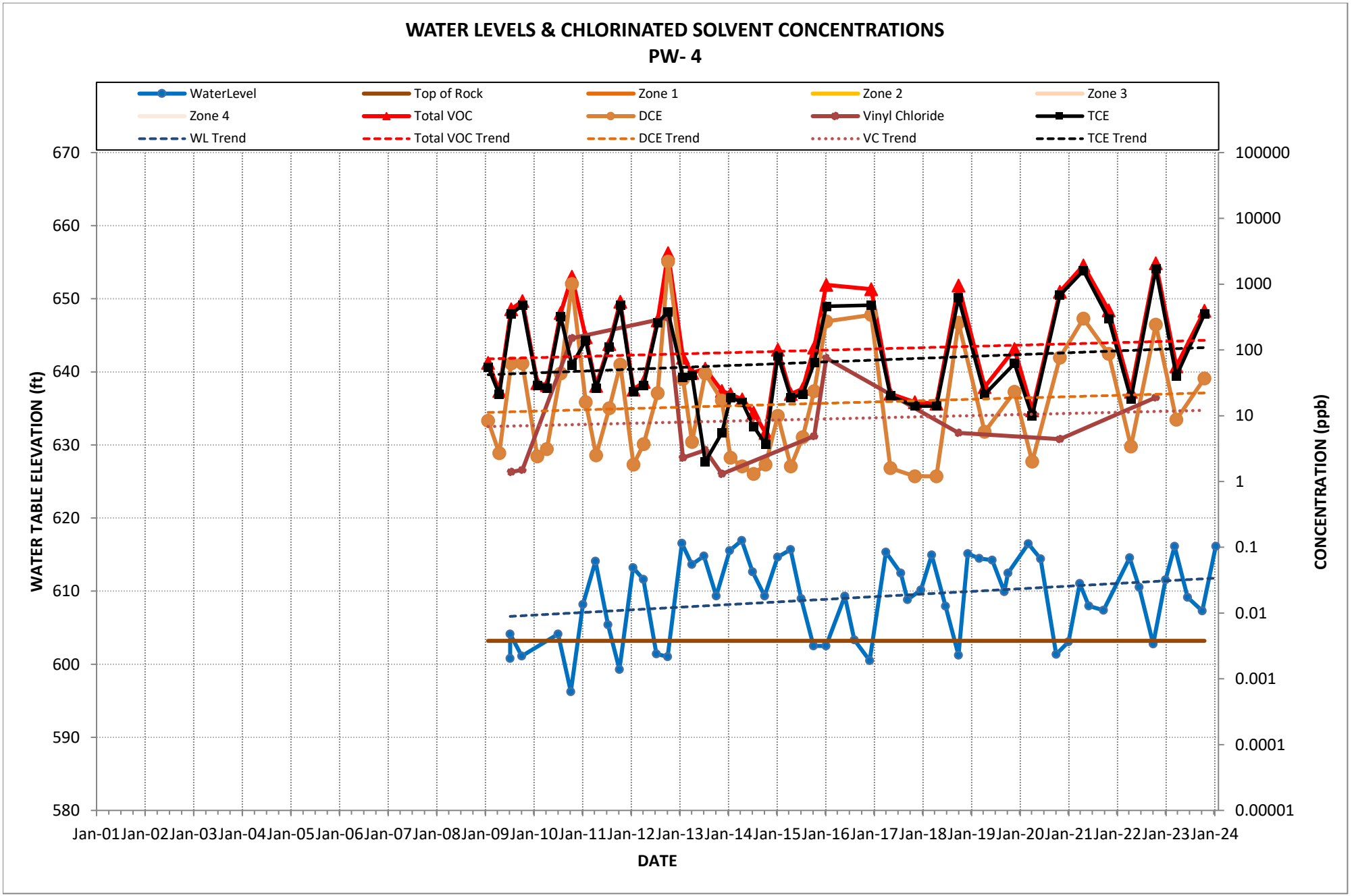
Jan-19
Jan-20
Jan-21
Jan-22
Jan-23
Jan-24


WATER LEVELS & CHLORINATED SOLVENT CONCENTRATIONS
PW- 4
WaterLevel
Top of Rock
Zone 1
Zone 2
Zone 3
Zone 4
Total VOC
DCE
Vinyl Chloride
TCE
WL Trend
Total VOC Trend
DCE Trend
VC Trend
TCE Trend
WATER TABLE ELEVATION (ft)
CONCENTRATION (ppb)
DATE
670
660
650
640
630
620
610
600
590
580
100000
10000
1000
100
10
1
0.1
0.01
0.001
0.0001
0.00001
Jan-01
Jan-02
Jan-03
Jan-04
Jan-05
Jan-06
Jan-07
Jan-08
Jan-09
Jan-10
Jan-11
Jan-12
Jan-13
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Jan-15
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Jan-17
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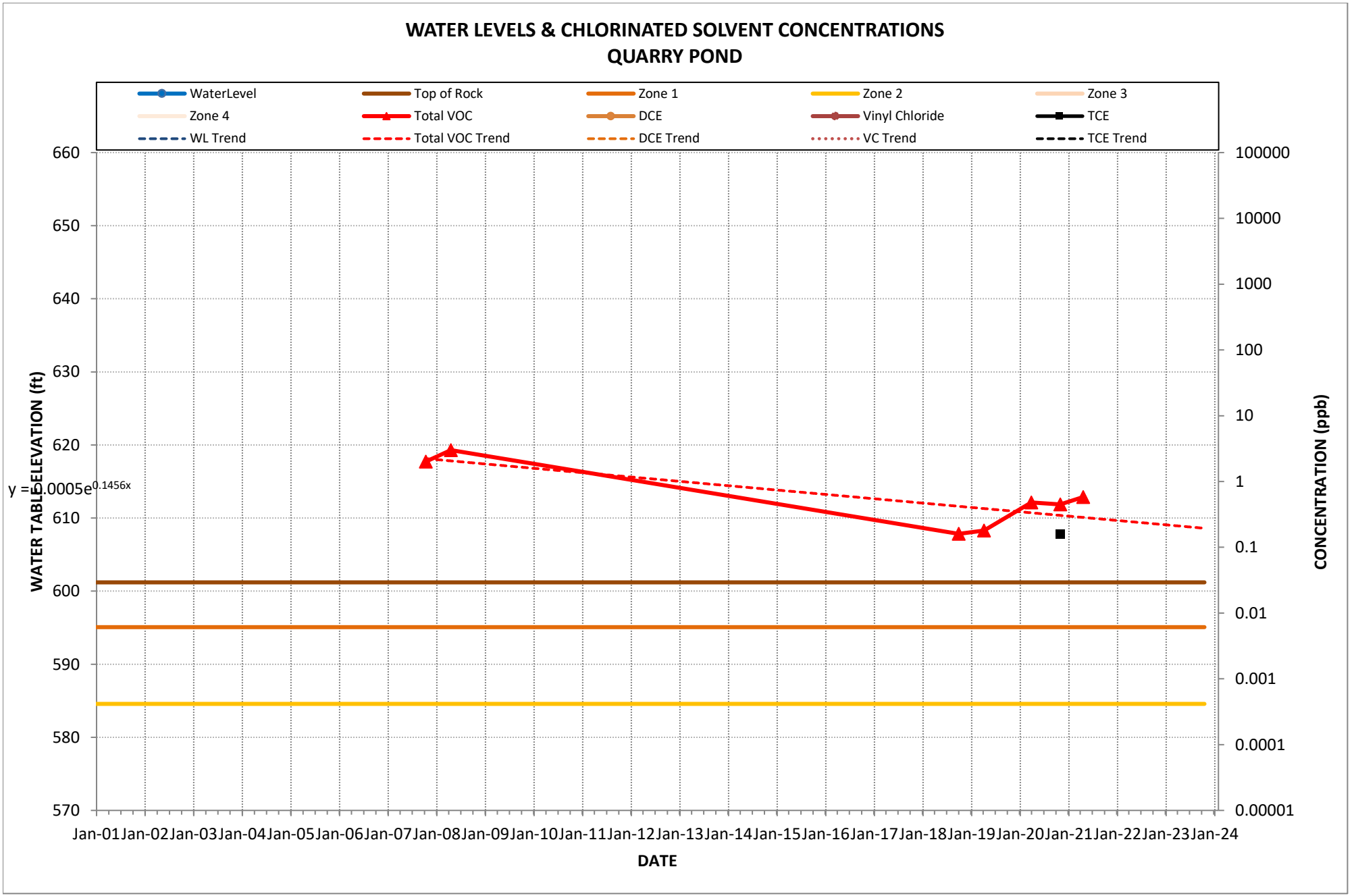
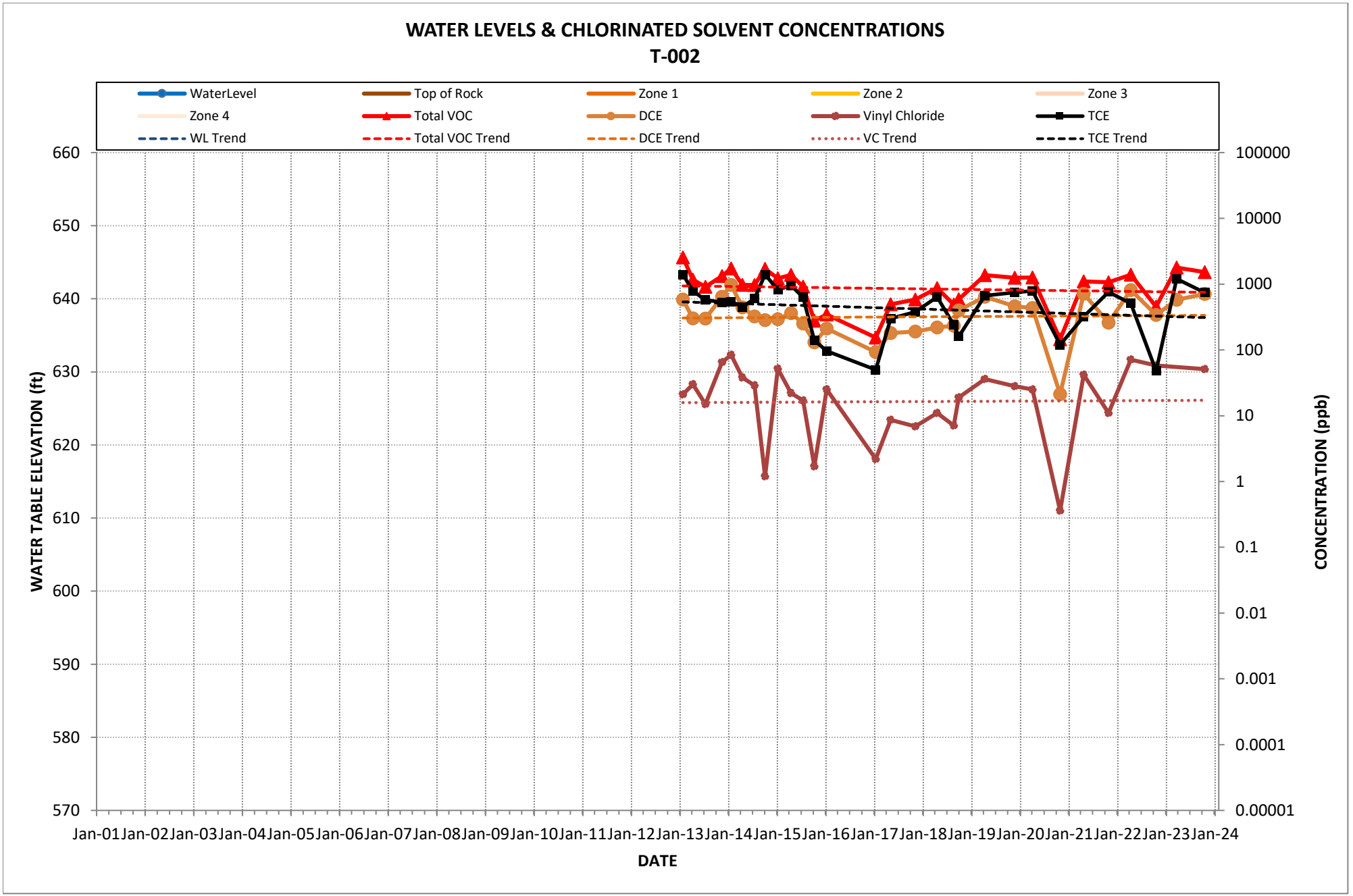
Jan-19
Jan-20
Jan-21
Jan-22
Jan-23
Jan-24


WATER LEVELS & CHLORINATED SOLVENT CONCENTRATIONS
QUARRY POND
WaterLevel
Top of Rock
Zone 1
Zone 2
Zone 3
Zone 4
Total VOC
DCE
Vinyl Chloride
TCE
WL Trend
Total VOC Trend
DCE Trend
VC Trend
TCE Trend
y = 1.0005e0.1456x
WATER TABLE ELEVATION (ft)
CONCENTRATION (ppb)
660
650
640
630
620
610
600
590
580
570
100000
10000
1000
100
10
1
0.1
0.01
0.001
0.0001
0.00001
Jan-01 Jan-02 Jan-03 Jan-04 Jan-05 Jan-06 Jan-07 Jan-08 Jan-09 Jan-10 Jan-11 Jan-12 Jan-13 Jan-14 Jan-15 Jan-16 Jan-17 Jan-18 Jan-19 Jan-20 Jan-21 Jan-22 Jan-23 Jan-24
DATE


WATER LEVELS & CHLORINATED SOLVENT CONCENTRATIONS
T-002
WaterLevel
Top of Rock
Zone 1
Zone 2
Zone 3
Zone 4
Total VOC
DCE
Vinyl Chloride
TCE
WL Trend
Total VOC Trend
DCE Trend
VC Trend
TCE Trend
WATER TABLE ELEVATION (ft)
660
650
640
630
620
610
600
590
580
570
CONCENTRATION (ppb)
100000
10000
1000
100
10
1
0.1
0.01
0.001
0.0001
0.00001
Jan-01 Jan-02 Jan-03 Jan-04 Jan-05 Jan-06 Jan-07 Jan-08 Jan-09 Jan-10 Jan-11 Jan-12 Jan-13 Jan-14 Jan-15 Jan-16 Jan-17 Jan-18 Jan-19 Jan-20 Jan-21 Jan-22 Jan-23 Jan-24
DATE

Appendix D

Water Quality Database January 2001 through December 2023

MONITORING WELL GROUNDWATER ANALYTICAL RESULT SUMMARY
FORMER CARBORUNDUM COMPANY
SANBORN, NEW YORK

Well ID: **B-3M**

Date	Lab Sample ID	Method	Carbon tetrachloride (µg/L)	Chloroform (µg/L)	1,1-Dichloroethane (µg/L)	1,1-Dichloroethene (µg/L)	Methylene chloride (µg/L)	trans-1,2-Dichloroethene (µg/L)	cis-1,2-Dichloroethene (µg/L)	1,1,1-Trichloroethane (µg/L)	Trichloroethene (µg/L)	Tetrachloroethene (µg/L)	Vinyl chloride (µg/L)	Total
8/1/1984		8260	< 5	< 5	8	16	< 5	< 250	< 250	< 160	< 110	< 5	< 79	24
3/1/1985		8260	< 2000	< 1000	< 1000	< 5000	< 1000	< 5	110000	< 3000	24000	< 5	< 2000	134000
5/1/1985		8260	< 500	< 300	< 500	< 1000	< 300	< 5	48000	1110	< 900	< 5	1300	50410
12/1/1985		8260	< 20	< 16	< 8	74	< 28	< 5	13000	160	7800	< 5	490	21524
4/1/1986		8260	< 200	< 100	220	140	< 100	< 5	5200	400	5500	< 5	1400	12860
7/1/1986		8260	< 50	< 50	190	75	< 50	< 5	14000	170	340	< 5	1700	16475
10/1/1986		8260	< 30	< 30	190	140	< 60	< 5	24000	170	4400	< 5	2400	31300
4/1/1987		8260	< 2	< 100	12	19	< 2	< 5	6700	45	260	< 5	270	7306
7/1/1987		8260	< 20	< 200	240	< 40	< 20	< 5	8600	570	3500	< 5	880	13790
10/1/1987		8260	< 20	< 400	78	85	< 10	< 5	12000	230	920	< 5	1900	15213
2/1/1988		8260	< 20	< 500	310	230	< 20	< 5	4100	450	1200	< 5	2600	8890
8/1/1988		8260	< 20	< 20	< 20	< 20	< 20	< 5	9700	< 20	< 20	< 5	1600	11300
11/1/1988		8260	< 1	< 100	70	39	1.5	< 5	1700	87	140	< 5	3200	5237.5
1/1/1989		8260	< 50	< 5	< 35	< 65	< 50	55	15000	< 15	< 200	< 15	1200	16255
4/1/1989		8260	< 1.2	< 0.5	250	220	< 1	75	17000	< 0.3	6800	< 0.3	2400	26745
7/1/1989		8260	< 100	< 50	170	110	< 100	81	17000	170	940	< 30	4000	22471
10/1/1989		8260	< 100	< 50	59	64	< 100	68	8300	< 30	140	< 30	2200	10831
1/1/1990		8260	< 100	< 50	270	250	< 500	150	34000	230	5700	< 30	3500	44100
4/1/1990		8260	< 25	< 13	23	< 25	< 125	< 25	4300	< 7.5	< 25	< 7.5	370	4693
7/1/1990		8260	< 100	< 50	270	540	< 500	290	40000	240	100	< 30	4900	46340
10/1/1990		8260	< 25	< 13	59	< 25	< 25	45	9800	140	< 25	< 7.5	1700	11744
1/1/1991		8260	< 10	< 5	< 7	16	< 50	< 10	2000	36	28	< 3	350	2430
5/1/1991		8260	< 120	< 50	160	< 130	< 250	130	17000	76	860	< 30	2400	20626
7/1/1991		8260	< 120	< 50	410	240	< 250	350	84000	170	360	< 30	12000	97530
10/1/1991		8260	< 240	< 100	< 140	< 260	< 500	< 200	8700	< 60	< 240	< 60	4500	13200
1/1/1992		8260	< 600	< 250	< 350	< 650	< 1250	< 500	11000	< 150	< 600	< 150	4400	15400
4/1/1992		8260	< 600	< 250	< 350	< 350	< 1250	< 500	32000	< 150	< 600	< 150	65000	97000
7/1/1992		8260	< 1200	< 500	< 700	< 1300	< 2500	< 1000	67000	< 1500	< 1200	< 300	10000	77000
10/1/1992		8260	< 120	< 50	< 70	< 130	< 250	< 100	40000	< 30	170	< 30	6000	46170
1/1/1993		8260	< 120	< 50	120	140	< 250	< 100	23000	63	< 120	< 30	5800	29123
3/29/1993		8260	< 12	< 5	< 7	14	< 25	11	1800	< 5	< 12	< 3	850	2675
5/5/1993		8260	< 12	< 5	81	140	< 25	100	18000	33	< 15	< 3	6200	24554
6/3/1993		8260	< 12	< 5	68	81	29	110	15000	30	42	< 3	12000	27360
6/28/1993		8260	< 120	< 50	< 70	< 130	< 250	< 100	6200	51	890	< 30	2300	9441
8/5/1993		8260	< 12	< 5	35	< 13	< 25	30	5500	9.1	< 12	< 3	1100	6674.1
10/6/1993		8260	< 24	21	31	39	91	71	4600	13	31	< 6	1200	6097
7/6/1994		8260	< 1.2	< 0.5	89	44	< 2.5	100	8900	9.9	83	< 0.3	4900	14125.9
6/27/1995		8260	< 2	< 2	< 2	< 2	< 2	4	210	< 2	150	< 2	< 4	364
7/15/1996		8260	< 1.2	< 0.5	< 1	< 0.7	< 2.5	1.9	81	< 0.64	19	< 0.79	< 1.8	101.9
7/9/1997		8260	< 12	5.7	< 10	< 7	< 25	< 10	170	< 6.4	49	< 7.9	< 18	224.7
7/21/1999		8260	< 1.2	< 0.5	< 1	< 0.7	< 2.5	4.6	92	0.66 J	17	< 0.79	7.3	121.56
7/12/2000	A0483119	8021	< 1.2	< 1	1.6	0.68 J	< 2.5	5.3	180	0.32 J	7.3	< 1	8	203.2
7/13/2001	A1663812	8021	< 1.2	< 1	0.34 J	< 1	< 2.5	1.6	50	< 1	4.1	< 1	2	58.04
7/12/2002	A2713901	8021	< 1.6	< 1.6	2.4	< 1.6	2.2 J	13	360	< 1.6	36	1.8	18	433.4
7/8/2003	A3649103	8021	< 5.8	< 1.8	< 2	< 3.3	7.4	8.5	490	< 3.7	14	< 6.6	5	524.9
7/6/2004	A4636508	8021	< 2.9	< 1	2.6	4.4	< 2.5	7.3	190	< 1	29	< 1	18	251.3

< - Indicates parameter was analyzed for, but not detected at or above the reporting limit
To Address the NYSDEC concerns regarding the presentation and plotting of non-detected values, the data for 2001 to 2004 has been reevaluated and interpreted as follows:

1) Non-detected concentrations have been represented as '<' for reporting purposes.
2) Total VOCs have been recalculated and represented as the sum of the detected parameters shown on this table.
3) The method change to 8260 was approved by the NYSDEC and changed in January 2005.

B - The analyte is present in the associated method blank.
D - Result reported from a secondary dilution analysis.
E - Concentration exceeds the calibration range; Result is estimated.
J - Indicates an estimated value.
µg/L - micrograms per liter

Well ID: **B-3M**

Date	Lab Sample ID	Method	Carbon tetrachloride (µg/L)	Chloroform (µg/L)	1,1-Dichloroethane (µg/L)	1,1-Dichloroethene (µg/L)	Methylene chloride (µg/L)	trans-1,2-Dichloroethene (µg/L)	cis-1,2-Dichloroethene (µg/L)	1,1,1-Trichloroethane (µg/L)	Trichloroethene (µg/L)	Tetrachloroethene (µg/L)	Vinyl chloride (µg/L)	Total
7/14/2005	A5740501	8260/5M	< 1.2	< 1	< 1	< 1	< 2.5	3.8	75	< 1	6.7	< 1	7.7	93.2
7/14/2006	6G14010-08	8260	< 1	< 1	< 1	< 1	< 2	2	41	< 1	3	< 1	4	50
7/9/2007	7G10002-01	8260	< 1	< 1	< 1	< 1	< 2	< 1	33	< 1	2	< 1	11	46
7/23/2008	5423254	8260	< 1	< 0.8	1.1 J	1 J	< 2	4.3 J	190	< 0.8	19	< 0.8	14	229.4
7/8/2009	5719621	8260	< 1	< 0.8	1.4 J	1.4 J	< 2	4.5 J	240	< 0.8	16	< 0.8	56	319.3
7/12/2010	6030552	8260	< 1	< 0.8	< 1	1 J	< 2	4.5 J	170	< 0.8	18	< 0.8	24	217.5
7/12/2011	6342650	8260	< 1	< 0.8	2.6 J	1.4 J	< 2	4.1 J	200	1.1 J	54	< 0.8	25	288.2
7/16/2012	6722028	8260	< 1	< 0.8	1.6 J	< 0.8	< 2	3.1 J	200	< 0.8	26	< 0.8	21	251.7
7/8/2013	7120727	8260	< 1	< 0.8	1.7 J	1.2 J	< 2	2.8 J	160	1.1 J	100	< 0.8	22	288.8
7/8/2014	7526285	8260	< 0.5	< 0.5	2.2	0.57 J	< 2	2	110	0.52 J	66	< 0.5	20	201.29
7/8/2015	7960005	SW8260C	< 0.5	< 0.5	0.59 J	0.57 J	< 2	2.5	80	< 0.5	31	< 0.5	9.3	123.96
12/12/2016	240-73361-6	8260C	< 1.7	< 1.7	0.72 J	< 1.7	2	0.65 J	44	< 1.7	7.1	< 1.7	36	90.47
4/26/2017	240-78855-5	8260C	< 3.3	< 3.3	1.3 J	< 3.3	< 3.3	1.9 J	110	< 3.3	26	< 3.3	14	153.2
11/3/2017	240-87694-2	8260C	< 2.5	< 2.5	< 2.5	< 2.5	< 2.5	1.8 J	130	< 2.5	18	< 2.5	84	233.8
4/16/2018	240-94331-3	8260C	< 8.3	< 8.3	2.1 J	< 8.3	< 8.3	< 8.3	170	< 8.3	150	< 8.3	< 8.3	322.1
9/27/2018	240-102125-7	8260C	< 2.5	< 2.5	1.2 J	0.80 J	< 13	1.1 J	80	< 2.5	11	< 2.5	94	188.1
4/9/2019	240-110803-15	8260C	< 4.0	< 4.0	0.93 J	< 4.0	< 20	2.0 J	140	< 4.0	97	< 4.0	0.89 J	240.82
11/20/2019	240-122631-11	624.1_L	< 10	< 10	< 10	< 10	< 50	< 5.0	240	2.9 J	280	2.0 J	< 10	524.9
4/1/2020	240-128428-4	8260C	< 10	< 10	4.9 J	< 10	< 50	2.1 J	180	3.7 J	330	1.5 J	< 10	522.2
10/28/2020	240-139255-1	8260C	< 2.0	< 2.0	0.54 J	< 2.0	< 10	0.44 J	29	< 2.0	6.4	< 2.0	90	126.38
4/27/2021	240-148317-11	8260C	< 10	< 10	4.5 J	2.3 J	< 50	3.4 J	300	2.8 J	340	1.5 J	< 10	654.5
10/27/2021	240-159076-13	8260C	< 2.0	< 2.0	12	5.5	< 10	5.2	940 D	4.5	1200 D	3.6	2.5	2173.3
4/11/2022	240-165070-2	8260C	< 40	< 40	24 J	< 40	< 200	< 40	520	< 40	1400	< 40	< 40	1944
10/19/2022	240-175103-1	8260D	< 2.0	< 2.0	1.7 J	1.2 J	< 10	1.6 J	79	< 2.0	72	< 2.0	100	255.5
3/20/2023	240-182590-1	8260D	< 50	< 50	53	< 50	< 250	< 50	740	< 50	2200	< 50	< 50	2993
10/18/2023	240-194049-8	8260D	< 50	< 50	< 50	< 50	< 250	< 50	600	< 50	960	< 50	< 50	1560

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E - Concentration exceeds the calibration range; Result is estimated.
J - Indicates an estimated value.
µg/L - micrograms per liter

MONITORING WELL GROUNDWATER ANALYTICAL RESULT SUMMARY
FORMER CARBORUNDUM COMPANY
SANBORN, NEW YORK

Well ID: **B-4M**

Date	Lab Sample ID	Method	Carbon tetrachloride (µg/L)	Chloroform (µg/L)	1,1-Dichloroethane (µg/L)	1,1-Dichloroethene (µg/L)	Methylene chloride (µg/L)	trans-1,2-Dichloroethene (µg/L)	cis-1,2-Dichloroethene (µg/L)	1,1,1-Trichloroethane (µg/L)	Trichloroethene (µg/L)	Tetrachloroethene (µg/L)	Vinyl chloride (µg/L)	Total
8/1/1984		8260	< 5	8	< 5	< 5	< 5	< 5	10	< 5	14	< 5	< 5	32
3/1/1985		8260	< 50	< 50	< 50	< 200	< 50	< 5	4500	< 80	670	< 5	< 70	5170
5/1/1985		8260	< 20	< 10	< 20	< 50	< 30	< 5	340	< 30	180	< 5	< 70	520
12/1/1985		8260	< 2.8	< 1.6	6.6	4.2	5.6	< 5	1100	< 3.8	560	< 5	17	1693.4
4/1/1986		8260	< 20	< 10	< 20	< 20	15	< 5	3000	18	990	< 5	39	4062
7/1/1986		8260	< 2	< 2	6.2	< 2	< 2	< 5	390	< 2	73	< 5	18	487.2
10/1/1986		8260	< 10	< 50	< 10	< 20	< 20	< 5	650	< 70	170	< 5	< 30	820
4/1/1987		8260	< 1	< 1	5.7	6.9	< 1	< 5	1400	1.3	580	< 5	75	2068.9
7/1/1987		8260	< 1	< 30	1.7	< 2	< 1	< 5	700	< 1	21	< 5	5.6	728.3
10/1/1987		8260	< 1	< 5	4.2	< 1	< 1	< 5	550	< 1	48	< 5	11	613.2
2/1/1988		8260	< 1	< 20	7.6	2.9	< 1	< 5	1300	< 1	410	< 5	29	1749.5
8/1/1988		8260	< 1	< 1	< 1	< 1	< 1	< 5	360	< 1	4	< 5	< 2	364
11/1/1988		8260	< 1	< 1	< 1	< 1	< 1	< 5	95	< 1	21	< 5	< 1	116
1/1/1989		8260	< 0.1	< 5	2.5	1.3	0.3	8.6	200	< 0.03	57	< 0.03	37	306.7
4/1/1989		8260	< 0.1	< 0.05	7.3	7.5	< 0.1	14	450	< 0.03	220	< 0.03	49	747.8
7/1/1989		8260	< 1.2	< 0.5	4.1	3.4	< 2.5	7.6	380	< 0.3	120	< 0.3	54	569.1
10/1/1989		8260	< 1	< 0.5	< 0.7	3.9	< 1	10	410	8.8	12	< 0.3	18	462.7
1/1/1990		8260	< 10	< 5	5.3	< 10	< 50	18	440	< 3	130	< 3	51	644.3
4/1/1990		8260	< 1	< 0.5	3.5	< 1	< 5	7.9	570	< 0.3	130	< 0.3	26	737.4
7/1/1990		8260	< 1	< 0.5	0.8	< 1	< 5	3.2	180	< 0.3	13	< 0.3	8.6	205.6
10/1/1990		8260	< 1	< 0.5	5.1	1.8	< 1	12	37	< 0.3	51	< 0.3	25	131.9
1/1/1991		8260	< 10	< 5	< 7	< 10	< 50	< 10	870	34	120	< 3	47	1071
5/1/1991		8260	< 24	< 10	< 14	< 26	< 50	< 20	880	< 6	200	< 6	< 36	1080
7/1/1991		8260	< 24	< 10	< 14	< 26	< 50	< 20	280	< 6	< 24	< 6	< 36	280
10/1/1991		8260	< 60	< 25	< 35	< 65	< 130	< 50	190	< 15	< 60	< 60	< 90	190
1/1/1992		8260	< 24	< 10	< 14	< 26	< 50	< 20	260	< 6	< 24	< 6	< 36	260
4/1/1992		8260	< 120	< 50	< 70	< 130	< 250	< 100	2100	< 300	380	< 30	< 180	2480
7/1/1992		8260	< 120	< 50	< 70	< 130	< 250	< 100	1800	< 200	260	< 30	< 180	2060
10/1/1992		8260	< 12	< 5	14	< 13	< 25	19	2900	72	490	< 3	210	3705
1/1/1993		8260	< 12	< 5	11	< 13	< 25	17	1800	< 3	300	< 3	120	2248
3/30/1993		8260	< 12	< 5	< 7	14	< 25	11	1800	< 5	< 12	< 3	850	2675
6/3/1993		8260	< 1.2	< 0.5	4.5	2.1	< 2.5	13	350	< 0.5	22	< 0.3	58	449.6
6/28/1993		8260	< 1.2	< 0.5	3.3	< 1.3	< 2.5	< 5.3	330	< 0.5	21	< 0.3	5.3	359.6
8/5/1993		8260	< 1.2	< 0.5	< 0.7	< 1.3	< 2.5	1.7	93	< 0.5	7.5	< 0.3	3.5	105.7
10/7/1993		8260	< 1.2	< 0.5	< 0.7	< 1.3	< 2.5	< 10	100	< 0.5	9	< 0.3	2.5	111.5
7/7/1994		8260	< 1.2	< 0.5	1.4	< 1.3	< 2.5	4.9	200	< 0.5	22	< 0.3	2.2	230.5
6/27/1995		8260	< 1	4.2	< 1	< 1	< 1	3.3	120	< 1	14	< 1	< 2	141.5
7/15/1996		8260	< 12	< 5	< 10	< 7	< 25	< 10	310	< 6.4	38	< 7.9	< 18	348
7/9/1997		8260	< 12	7.8	< 10	< 7	< 25	< 10	150	< 6.4	27	< 7.9	< 18	184.8
7/23/1998		8260	< 1.2	< 0.5	< 1	< 0.7	< 2.5	4.8	130	< 0.64	29	< 0.79	2.5	166.3
7/19/1999		8260	< 1.2	< 0.5	< 1	< 0.7	< 2.5	1.1	42	< 0.64	5.8	< 0.79	< 1.8	48.9
7/11/2000	A0483110	8021	< 1.2	< 1	< 1	< 1	< 2.5	1.3	60	< 1	3.9	< 1	1.1 J	66.3
7/13/2001	A1663816	8021	< 1.2	< 1	< 1	< 1	0.58 J	1.6	61	< 1	5.5	< 1	1.5 J	70.18
7/12/2002	A2713906	8021	< 1.2	< 1	< 1	< 1	< 2.5	1.5	47	< 1	5	< 1	5.6	59.1
7/8/2003	A3649109	8021	< 1.2	< 1	< 1	< 1	< 2.5	2.3	67	< 1	7.8	< 1	6.4	83.5
7/6/2004	A4636506	8021	< 1.2	< 1	< 1	< 1	< 2.5	1.9	38	< 1	8.2	< 1	10	58.1

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To Address the NYSDEC concerns regarding the presentation and plotting of non-detected values, the data for 2001 to 2004 has been reevaluated and interpreted as follows:

1) Non-detected concentrations have been represented as '<' for reporting purposes.
2) Total VOCs have been recalculated and represented as the sum of the detected parameters shown on this table.
3) The method change to 8260 was approved by the NYSDEC and changed in January 2005.

B - The analyte is present in the associated method blank.
D - Result reported from a secondary dilution analysis.
E - Concentration exceeds the calibration range; Result is estimated.
J - Indicates an estimated value.
µg/L - micrograms per liter

Well ID: **B-4M**

Date	Lab Sample ID	Method	Carbon tetrachloride (µg/L)	Chloroform (µg/L)	1,1-Dichloroethane (µg/L)	1,1-Dichloroethene (µg/L)	Methylene chloride (µg/L)	trans-1,2-Dichloroethene (µg/L)	cis-1,2-Dichloroethene (µg/L)	1,1,1-Trichloroethane (µg/L)	Trichloroethene (µg/L)	Tetrachloroethene (µg/L)	Vinyl chloride (µg/L)	Total
7/14/2005	A5740502	8260/5M	< 1.2	< 1	< 1	< 1	< 2.5	1.8	36	< 1	5.4	< 1	12	55.2
7/14/2006	6G14010-07	8260	< 1	< 1	< 1	< 1	< 2	2	28	< 1	5	< 1	20	55
7/9/2007	7G10002-02	8260	< 1	< 1	< 1	< 1	< 2	1	24	< 1	4	< 1	22	51
7/23/2008	5423255	8260	< 1	< 0.8	< 1	< 0.8	< 2	1.8 J	41	< 0.8	5.1	< 0.8	12	59.9
7/9/2009	5720682	8260	< 1	< 0.8	< 1	< 0.8	< 2	< 0.8	20	< 0.8	1.8 J	< 0.8	5.1	26.9
7/12/2010	6030548	8260	< 1	< 0.8	< 1	< 0.8	< 2	1.1 J	35	< 0.8	250	< 0.8	1.8 J	287.9
4/12/2011	6256727	8260	< 1	< 0.8	1.6 J	0.95 J	< 2	5.6	120	< 0.8	29	< 0.8	9.7	166.85
7/13/2011	6343981	8260	< 1	< 0.8	< 1	< 0.8	< 2	2.2 J	59	< 0.8	7.1	< 0.8	11	79.3
7/17/2012	6723837	8260	< 1	< 0.8	< 1	< 0.8	< 2	1.6 J	41	< 0.8	4.9 J	< 0.8	7.9	55.4
7/8/2013	7120735	8260	< 1	< 0.8	1.3 J	0.81 J	< 2	5	89	< 0.8	28	< 0.8	10	134.11
7/8/2014	7526297	8260	< 0.5	< 0.5	0.91 J	0.8 J	< 2	4.1	58	< 0.5	22	< 0.5	9.7	95.51
7/8/2015	7960010	SW8260C	< 0.5	< 0.5	< 0.5	< 0.5	< 2	1.1	34	< 0.5	4.7	< 0.5	8	47.8

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1) Non-detected concentrations have been represented as '<' for reporting purposes.
2) Total VOCs have been recalculated and represented as the sum of the detected parameters shown on this table.
3) The method change to 8260 was approved by the NYSDEC and changed in January 2005.

B - The analyte is present in the associated method blank.
D - Result reported from a secondary dilution analysis.
E - Concentration exceeds the calibration range; Result is estimated.
J - Indicates an estimated value.
µg/L - micrograms per liter

MONITORING WELL GROUNDWATER ANALYTICAL RESULT SUMMARY
FORMER CARBORUNDUM COMPANY
SANBORN, NEW YORK

Well ID: **B-5M**

Date	Lab Sample ID	Method	Carbon tetrachloride (µg/L)	Chloroform (µg/L)	1,1-Dichloroethane (µg/L)	1,1-Dichloroethene (µg/L)	Methylene chloride (µg/L)	trans-1,2-Dichloroethene (µg/L)	cis-1,2-Dichloroethene (µg/L)	1,1,1-Trichloroethane (µg/L)	Trichloroethene (µg/L)	Tetrachloroethene (µg/L)	Vinyl chloride (µg/L)	Total
8/1/1984		8260	< 5	< 5	< 5	< 5	< 5	< 5	69	< 5	270	< 5	8	347
3/1/1985		8260	< 5	< 5	< 5	< 10	< 5	< 5	53	< 5	14	< 5	< 5	67
5/1/1985		8260	< 4	< 2	< 4	< 10	< 2	< 5	19	< 6	7.9	< 5	< 5	26.9
12/1/1985		8260	< 2.8	< 1.6	< 4.7	< 3.8	8.4	< 5	31	< 3.8	30	< 5	10	79.4
4/1/1986		8260	< 0.4	< 0.2	0.7	< 0.4	< 0.2	< 5	20	< 0.4	5.4	< 5	1	27.1
1/1/1987		8260	< 0.2	< 0.4	0.3	< 0.2	< 0.2	< 5	35	< 0.2	20	< 5	3.7	59
4/1/1987		8260	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 5	13	< 0.2	7.3	< 5	< 0.2	20.3
7/1/1987		8260	< 0.2	< 0.6	< 0.4	< 0.4	< 0.2	< 5	27	< 0.2	8.3	< 5	1.2	36.5
10/1/1987		8260	< 0.2	< 0.4	< 0.2	< 0.2	< 0.2	< 5	28	< 0.2	9.4	< 5	2.1	39.5
2/1/1988		8260	< 0.2	< 1	0.6	< 0.4	< 0.2	< 5	39	< 0.2	33	< 5	3.5	76.1
8/1/1988		8260	< 1	< 1	< 1	< 1	< 1	< 5	24	< 1	28	< 5	< 2	52
11/1/1988		8260	< 0.2	< 0.2	0.9	< 0.2	< 1	< 5	23	< 0.2	38	< 5	2.6	64.5
1/1/1989		8260	< 0.2	< 5	0.2	< 0.1	< 0.1	0.3	11	0.8	9.2	< 0.03	3.2	24.7
4/1/1989		8260	< 0.1	< 0.05	1.6	0.5	< 0.1	0.4	15	< 0.03	140	< 0.03	1.8	159.3
7/1/1989		8260	< 1.2	< 0.5	< 0.7	< 1.3	< 2.5	< 1	6.2	< 0.3	77	< 0.3	< 1.8	83.2
10/1/1989		8260	< 1	< 0.5	1.5	< 1	< 1	< 1	15	4.3	130	< 0.3	3.1	153.9
1/1/1990		8260	< 1	< 0.5	3.3	< 1	< 5	< 1	31	9.6	410	< 0.3	1.9	455.8
4/1/1990		8260	< 1	< 0.5	3	< 1	< 5	< 1	14	4.6	150	< 0.3	< 1	171.6
7/1/1990		8260	< 1	< 0.5	1	< 1	< 5	< 1	15	4.2	160	< 0.3	< 1	180.2
10/1/1990		8260	< 1	< 0.5	1.8	12	< 1	< 1	14	0.4	130	< 0.3	< 1	158.2
2/1/1991		8260	< 1	< 0.5	< 0.7	< 1	< 5	< 1	25	5	370	< 0.3	< 1	400
5/1/1991		8260	< 12	< 5	< 7	< 13	< 25	< 10	14	< 3	290	< 3	< 18	304
7/1/1991		8260	< 12	< 5	< 7	< 13	< 25	< 10	< 10	< 3	220	< 3	< 18	220
10/1/1991		8260	< 6	< 2.5	< 3.5	< 6.5	< 13	< 5	21	< 1.5	240	< 1.5	< 9	261
1/1/1992		8260	< 6	< 2.5	< 3.5	< 6.5	< 13	< 5	59	< 1.5	200	< 1.5	< 9	259
4/1/1992		8260	< 6	< 2.5	< 3.5	< 6.5	< 7.5	< 5	18	< 1.5	380	< 1.5	< 9	398
7/1/1992		8260	< 6	< 2.5	< 3.5	< 6.5	< 13	< 5	< 5	< 1.5	310	< 1.5	< 9	310
10/1/1992		8260	< 1.2	< 0.5	< 0.7	< 1.3	< 2.5	< 1	15	1.2	240	< 0.3	< 1.8	256.2
1/1/1993		8260	< 1.2	< 0.5	< 0.7	< 1.3	< 2.5	< 1	13	0.81 *	210	< 0.3	< 1.8	223.81
3/31/1993		8260	< 1.2	< 0.5	< 0.7	< 1.3	< 2.5	< 1	25	1.5	170	< 3	2.2	198.7
6/30/1993		8260	< 1.2	< 0.5	< 0.7	< 1.3	< 2.5	< 1	23	0.69	130	< 0.3	2.9	156.59
10/7/1993		8260	< 1.2	< 0.5	< 0.7	< 1.3	< 2.5	< 1	11	0.69	52	< 0.3	< 1.8	63.69
7/6/1994		8260	< 1.2	< 0.5	< 0.7	< 1.3	< 2.5	< 1	9.7	< 0.5	41	< 0.3	< 1.8	50.7
6/27/1995		8260	< 1	< 1	< 1	< 1	< 1	< 1	11	< 1	25	< 1	< 2	36
7/11/1996		8260	< 1.2	< 0.5	< 1	< 0.7	< 2.5	< 1	23	< 0.64	37	< 0.79	< 1.8	60
7/9/1997		8260	< 1.2	< 0.5	< 1	< 0.7	< 2.5	1.2	33	< 0.64	46	< 0.79	< 1.8	80.2
7/23/1998		8260	< 1.2	< 0.5	< 1	< 0.7	< 2.5	< 1	38	< 0.64	25	< 0.79	< 1.8	63
7/21/1999		8260	< 1.2	< 0.5	< 1	< 0.7	< 2.5	1.6	28	< 0.64	33	< 0.79	< 1.8	62.6
7/11/2000	A0483109	8021	< 1.2	< 1	< 1	< 1	< 2.5	0.23 J	17	< 1	12	< 1	0.34 J	29.57
7/13/2001	A1663817	8021	< 1.2	< 1	< 1	< 1	< 2.5	0.47 J	18	< 1	20	< 1	< 1.8	38.47
7/15/2002	A2723102	8021	< 1.2	< 1	< 1	< 1	< 2.5	< 1	3.8	< 1	9.5	< 1	< 1.8	13.3
7/10/2003	A3654101	8021	< 1.2	< 1	< 1	< 1	< 2.5	< 1	4.5	< 1	13	< 1	< 1.8	17.5
7/7/2004	A4636503	8021	< 1.4	< 1	< 1	< 1	< 2.5	1.1	16	< 1	72	< 1	< 1.8	89.1
7/12/2005	A5733201	8260/5M	< 1.2	< 1	< 1	< 1	< 2.5	< 1	3.8	< 1	12	< 1	< 1.8	15.8
7/18/2006	6G19003-09	8260	< 1	< 1	< 1	< 1	6 B	< 1	9	< 1	36	< 1	< 2	51
7/9/2007	7G10002-03	8260	< 1	< 1	< 1	< 1	< 2	< 1	2	< 1	6	< 1	< 2	8

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2) Total VOCs have been recalculated and represented as the sum of the detected parameters shown on this table.
3) The method change to 8260 was approved by the NYSDEC and changed in January 2005.

B - The analyte is present in the associated method blank.
D - Result reported from a secondary dilution analysis.
E - Concentration exceeds the calibration range; Result is estimated.
J - Indicates an estimated value.
µg/L - micrograms per liter

Well ID: **B-5M**

Date	Lab Sample ID	Method	Carbon tetrachloride (µg/L)	Chloroform (µg/L)	1,1-Dichloroethane (µg/L)	1,1-Dichloroethene (µg/L)	Methylene chloride (µg/L)	trans-1,2-Dichloroethene (µg/L)	cis-1,2-Dichloroethene (µg/L)	1,1,1-Trichloroethane (µg/L)	Trichloroethene (µg/L)	Tetrachloroethene (µg/L)	Vinyl chloride (µg/L)	Total
7/23/2008	5423256	8260	< 1	< 0.8	< 1	< 0.8	< 2	1.5 J	54	< 0.8	290	< 0.8	3 J	348.5
7/13/2009	5722293	8260	< 1	< 0.8	< 1	< 0.8	< 2	1 J	20	< 0.8	82	< 0.8	< 1	103
7/12/2010	6030549	8260	< 1	< 0.8	< 1	< 0.8	< 2	1.3 J	33	< 0.8	3.9 J	< 0.8	17	55.2
7/25/2011	6355555	8260	< 1	< 0.8	< 1	< 0.8	< 2	1.1 J	22	< 0.8	150	< 0.8	1.3 J	174.4
7/16/2012	6722026	8260	< 1	< 0.8	< 1	< 0.8	< 2	1.3 J	33	< 0.8	260	< 0.8	1.8 J	296.1
7/9/2013	7122572	8260	< 1	< 0.8	< 1	< 0.8	< 2	< 0.8	3.4 J	< 0.8	25	< 0.8	< 1	28.4
7/8/2014	7526295	8260	< 0.5	< 0.5	< 0.5	< 0.5	< 2	1	16	< 0.5	93	< 0.5	1.7	111.7
7/8/2015	7960012	SW8260C	< 0.5	< 0.5	< 0.5	< 0.5	< 2	< 0.5	4.2	< 0.5	29	< 0.5	< 0.5	33.2
10/19/2022	240-175103-4	8260D	< 13	< 13	< 13	< 13	< 63	< 13	110	< 13	670	< 13	< 13	780

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2) Total VOCs have been recalculated and represented as the sum of the detected parameters shown on this table.
3) The method change to 8260 was approved by the NYSDEC and changed in January 2005.

B - The analyte is present in the associated method blank.
D - Result reported from a secondary dilution analysis.
E - Concentration exceeds the calibration range; Result is estimated.
J - Indicates an estimated value.
µg/L - micrograms per liter

MONITORING WELL GROUNDWATER ANALYTICAL RESULT SUMMARY
FORMER CARBORUNDUM COMPANY
SANBORN, NEW YORK

Well ID: **B-6M**

Date	Lab Sample ID	Method	Carbon tetrachloride (µg/L)	Chloroform (µg/L)	1,1-Dichloroethane (µg/L)	1,1-Dichloroethene (µg/L)	Methylene chloride (µg/L)	trans-1,2-Dichloroethene (µg/L)	cis-1,2-Dichloroethene (µg/L)	1,1,1-Trichloroethane (µg/L)	Trichloroethene (µg/L)	Tetrachloroethene (µg/L)	Vinyl chloride (µg/L)	Total
8/1/1984		8260	< 5	14	< 5	< 5	2	< 5	< 5	< 5	2	< 5	< 5	18
3/1/1985		8260	< 5	< 5	< 5	< 10	< 5	< 5	41	< 5	41	< 5	< 5	82
5/1/1985		8260	< 2	< 1	< 2	< 5	< 1	< 5	9.4	< 3	31	< 5	< 2	40.4
12/1/1985		8260	< 2.8	< 1.6	< 4.7	< 2.8	7.6	< 5	17	< 3.8	49	< 5	< 10	73.6
4/1/1986		8260	< 0.4	< 0.2	< 0.4	< 0.4	< 0.2	< 5	12	0.2	38	< 5	0.8	51
7/1/1986		8260	< 0.4	< 0.4	< 0.4	< 0.4	< 0.4	< 5	8.4	< 0.4	25	< 5	1.4	34.8
10/1/1986		8260	< 0.4	< 0.4	< 0.4	< 0.4	< 0.4	< 5	23	< 0.4	97	< 5	3.6	123.6
1/1/1987		8260	< 0.2	< 0.4	< 0.2	< 0.2	< 0.2	< 5	32	< 0.2	86	< 5	3.2	121.2
4/1/1987		8260	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 5	1.8	< 0.2	2.8	< 5	< 0.2	4.6
7/1/1987		8260	< 0.2	< 0.6	< 0.4	< 0.4	< 0.2	< 5	25	< 0.2	50	< 5	1.4	76.4
10/1/1987		8260	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 5	3.1	< 0.2	7.9	< 5	< 0.4	11
2/1/1988		8260	< 0.2	< 0.8	< 0.2	< 0.4	< 0.2	< 5	43	< 0.2	180	< 5	3.9	226.9
8/1/1988		8260	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 5	25	< 0.2	120	< 5	5	150
11/1/1988		8260	< 0.2	< 0.2	< 0.2	< 0.2	< 1	< 5	64	< 0.2	120	< 5	2.6	186.6
1/1/1989		8260	< 0.1	< 5	< 0.07	< 0.1	< 0.1	0.6	11	< 0.03	99	< 0.03	5.3	115.9
4/1/1989		8260	< 0.1	< 0.05	< 0.07	< 0.03	< 0.1	< 0.1	2	< 0.03	15	< 0.03	< 0.2	17
7/1/1989		8260	< 1.2	0.7	< 0.7	< 1.3	< 2.5	< 1	1.7	< 0.3	18	< 0.3	6.6	27
10/1/1989		8260	< 1	< 0.5	< 0.7	< 1	< 1	< 1	4.3	< 0.3	40	< 0.3	1.2	45.5
1/1/1990		8260	< 1	< 0.5	< 0.7	< 1	< 5	< 1	24	< 0.3	260	< 0.3	7.1	291.1
4/1/1990		8260	< 1	< 0.5	< 0.7	< 1	< 5	< 1	9.1	< 0.3	88	< 0.3	< 1	97.1
7/1/1990		8260	< 1	< 0.5	< 0.7	< 1	< 5	< 1	11	< 0.3	140	< 0.3	4.6	155.6
10/1/1990		8260	< 1	< 0.5	< 0.7	< 1	< 1	< 1	9.7	24	120	< 0.3	4.7	158.4
1/1/1991		8260	< 1	< 0.5	< 0.7	< 1	< 5	< 1	23	2	350	< 0.3	7.1	382.1
5/1/1991		8260	< 12	< 5	< 7	< 13	< 25	< 10	16	< 3	140	< 3	< 18	156
7/1/1991		8260	< 12	< 5	< 7	< 13	< 25	< 10	< 10	< 3	160	< 3	< 18	160
10/1/1991		8260	< 6	< 2.5	< 3.5	< 6.5	< 13	< 5	93	2.5	290	< 1.5	< 9	385.5
1/1/1992		8260	< 12	< 5	< 7	< 13	< 25	< 10	< 10	< 3	110	< 3	< 18	110
4/1/1992		8260	< 12	< 5	< 7	< 13	< 25	< 10	19	< 3	200	< 3	< 18	219
7/1/1992		8260	< 12	< 5	< 7	< 13	< 25	< 10	< 10	< 20	130	< 3	< 18	130
10/1/1992		8260	< 1.2	< 0.5	< 0.7	< 1.3	< 2.5	< 1	8.2	< 0.3	130	< 0.3	< 1.8	138.2
1/1/1993		8260	< 1.2	< 0.5	< 0.7	< 1.3	< 2.5	< 1	12	< 0.3	160	< 0.3	< 1.8	172
3/31/1993		8260	< 1.2	< 0.5	< 0.7	< 1.3	< 2.5	< 1	13	< 0.5	120	< 0.3	2.1	135.1
6/30/1993		8260	< 1.2	< 0.5	< 0.7	< 1.3	< 2.5	< 1	19	0.6	130	< 0.3	3.1	152.7
10/7/1993		8260	< 1.2	< 0.5	< 0.7	< 1.3	< 2.5	< 1	13	< 0.5	120	< 0.3	2.5	135.5
1/27/1994		8260	< 1.2	< 0.5	< 0.7	< 1.3	< 2.5	< 1	13	< 0.5	160	< 0.3	1.9	174.9
4/6/1994		8260	< 1.2	< 0.5	< 0.7	< 1.3	< 2.5	< 1	16	< 0.5	60	< 0.3	< 1.8	76
7/6/1994		8260	< 1.2	< 0.5	< 0.7	< 1.3	< 2.5	< 1	11	< 0.5	77	< 0.3	< 1.8	88
10/7/1994		8260	< 1.2	< 0.5	< 0.7	< 1.3	< 2.5	2.4	14	< 0.5	110	< 0.3	3.1	129.5
1/25/1995		8260	< 1	< 1	< 1	< 1	< 1	< 1	5.8	< 1	61	< 1	< 2	66.8
4/5/1995		8260	< 1	< 1	< 1	< 1	< 1	< 1	1.3	< 1	12	< 1	< 2	13.3
6/27/1995		8260	< 1	< 1	< 1	< 1	< 1	< 1	5.5	< 1	40	< 1	< 2	45.5
10/10/1995		8260	< 1.2	< 0.5	< 1	< 0.7	< 2.5	< 1	9	< 0.64	64	< 0.79	< 1.8	73
1/10/1996		8260	< 1.2	< 0.5	< 1	< 0.7	< 2.5	< 1	6	< 0.64	59	< 0.79	< 1.8	65
4/4/1996		8260	< 1.2	< 0.5	< 1	< 0.7	< 2.5	< 1	9	< 0.64	76	< 0.79	< 1.8	85
7/16/1996		8260	< 1.2	< 0.5	< 1	< 0.7	< 2.5	< 1	7	< 0.64	57	< 0.79	< 1.8	64
10/3/1996		8260	< 1.2	< 0.5	< 1	< 0.7	< 2.5	< 1	5	< 0.64	50	< 0.79	< 1.8	55

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To Address the NYSDEC concerns regarding the presentation and plotting of non-detected values, the data for 2001 to 2004 has been reevaluated and interpreted as follows:

1) Non-detected concentrations have been represented as '<' for reporting purposes.
2) Total VOCs have been recalculated and represented as the sum of the detected parameters shown on this table.
3) The method change to 8260 was approved by the NYSDEC and changed in January 2005.

B - The analyte is present in the associated method blank.
D - Result reported from a secondary dilution analysis.
E - Concentration exceeds the calibration range; Result is estimated.
J - Indicates an estimated value.
µg/L - micrograms per liter

Well ID: **B-6M**

Date	Lab Sample ID	Method	Carbon tetrachloride (µg/L)	Chloroform (µg/L)	1,1-Dichloroethane (µg/L)	1,1-Dichloroethene (µg/L)	Methylene chloride (µg/L)	trans-1,2-Dichloroethene (µg/L)	cis-1,2-Dichloroethene (µg/L)	1,1,1-Trichloroethane (µg/L)	Trichloroethene (µg/L)	Tetrachloroethene (µg/L)	Vinyl chloride (µg/L)	Total
1/30/1997		8260	< 1.2	< 0.5	< 1	< 0.7	< 2.5	< 1	5	< 0.64	62	< 0.79	< 1.8	67
4/17/1997		8260	< 1.2	< 0.5	< 1	< 0.7	< 2.5	< 1	4	< 0.64	49	< 0.79	< 1.8	53
7/9/1997		8260	< 1.2	< 0.5	< 1	< 0.7	< 2.5	< 1	3	< 0.64	36	< 0.79	< 1.8	39
10/24/1997		8260	< 1.2	< 0.5	< 1	< 0.7	< 2.5	< 1	4	< 0.64	58	< 0.79	< 1.8	62
1/19/1998		8260	< 1.2	< 0.5	< 1	< 0.7	< 2.5	< 1	3	< 0.64	49	< 0.79	< 1.8	52
4/22/1998		8260	< 1.2	< 0.5	< 1	< 0.7	< 2.5	< 1	3	< 0.64	34	< 0.79	< 1.8	37
7/23/1998		8260	< 1.2	< 0.5	< 1	< 0.7	< 2.5	< 1	3	< 0.64	31	< 0.79	< 1.8	34
10/8/1998		8260	< 1.2	< 0.5	< 1	< 0.7	< 2.5	< 1	3	< 0.64	22	< 0.79	< 1.8	25
1/21/1999		8260	< 1.2	< 0.5	< 1	< 0.7	< 2.5	< 1	3	< 0.64	15	< 0.79	< 1.8	18
4/19/1999		8260	< 1.2	< 0.5	< 1	< 0.7	< 2.5	< 1	3	< 0.64	28	< 0.79	< 1.8	31
7/28/1999		8260	< 1.2	1.3 J	< 1	< 0.7	< 2.5	< 1	4	< 0.64	33	< 0.79	< 1.8	38.3
10/14/1999		8260	< 1.2	< 1	< 1	< 1	< 2.5	< 1	0.72 J	< 1	7.5	< 1	< 1.8	8.22
1/11/2000	A0018407	8021	< 1.2	< 1	< 1	< 1	< 2.5	< 1	3.1	< 1	28	< 1	< 1.8	31.1
4/19/2000	A0259405	8021	< 1.2	< 1	< 1	< 1	< 2.5	< 1	3.2	< 1	21	< 1	< 1.8	24.2
7/11/2000	A0483111	8021	< 1.2	< 1	< 1	< 1	< 2.5	< 1	1.2	< 1	14	< 1	< 1.8	15.2
10/18/2000	A0751309	8021	< 1.2	< 1	< 1	< 1	< 2.5	< 1	1.5	< 1	19	< 1	< 1.8	20.5
1/16/2001	A1043907	8021	< 1.2	< 1	< 1	< 1	< 2.5	< 1	2.7	< 1	16	< 1	< 1.8	18.7
4/16/2001	A1345808	624	< 1.2	< 1.5	< 1.8	< 1.4	< 2.5	< 1.8	1.8	< 1.1	18	< 1.1	< 1.8	19.8
7/13/2001	A1663814	8021	< 1.2	< 1	< 1	< 1	< 2.5	< 1	1.1	< 1	12	< 1	< 1.8	13.1
10/10/2001	A1994701	8021	< 1.2	< 1	< 1	< 1	< 2.5	< 1	1.7	< 1	19	< 1	< 1.8	20.7
1/23/2002	A2076801	8021	< 1.2	< 1	< 1	< 1	< 2.5	0.66 J	27	< 1	51	< 1	< 1.8	78.66
4/12/2002	A2351803	8021	< 1.2	< 1	< 1	< 1	< 2.5	< 1	9.8	< 1	100	< 1	< 1.8	109.8
7/12/2002	A2713909	8021	< 1.2	< 1	< 1	< 1	< 2.5	< 1	11	< 1	69	< 1	< 1.8	80
10/8/2002	A2999301	8021	< 1.2	< 1	< 1	< 1	< 2.5	< 1	9.1	< 1	52	< 1	< 1.8	61.1
1/21/2003	A3069002	8021	< 1.2	< 1	< 1	< 1	< 2.5	< 1	6.3	< 1	47	< 1.3	< 1.8	53.3
4/9/2003	A3329501	8021	< 1.2	< 1	< 1	< 1	24	< 1	8.1	< 1	48	< 1.3	< 1.8	80.1
7/8/2003	A3649108	8021	< 1.2	< 1	< 1	< 1	< 2.5	< 1	9.4	< 1	60	< 1.3	< 1.8	69.4
10/13/2003	A3991405	8021	< 2.9	< 1	< 1	< 1.6	< 2.5	< 1	34	< 1	130	< 1	< 1.8	164
1/28/2004	A4077401	8021	< 2.9	< 1	< 1	< 1.6	2.9	< 1	37	< 1	260	< 1	< 1.8	299.9
4/20/2004	A4356802	8021	< 2.9	< 1	< 1	< 1.6	< 2.5	< 1	22	< 1	240	< 1	< 1.8	262
7/7/2004	A4636502	8021	< 2.9	< 1	< 1	< 1.6	< 2.5	< 1	16	< 1	130	< 1	< 1.8	146
10/21/2004	A4A48001	8021	< 2	< 2	< 2	< 2	< 2	< 2	18	< 2	100 E	< 2	< 2	118
1/17/2005	A5044302	8260	< 1.2	< 1.6	< 1.9	< 1	< 2.5	< 1.6	10	< 1.3	110	< 1.3	< 2.9	120
4/5/2005	A5317802	8260	< 1.2	< 1	< 1	< 1	0.93 J	< 1	6.7	< 1	95 D	0.55 J	< 1.8	103.18
7/12/2005	A5733202	8260/5M	< 1.2	< 1	< 1	< 1	< 2.5	< 1	6.2	< 1	58	< 1	< 1.8	64.2
10/5/2005	A5B10602	8260	< 1.2	< 1	< 1	< 1	< 2.5	0.64 J	22	< 1	97	< 1	1.1 J	120.74
1/24/2006	A6089111	8260	< 1.2	< 1	< 1	< 1	< 2.5	< 1	7.3	< 1	61	< 1	< 1.8	68.3
4/12/2006	6D13005-03	8260	< 1	< 1	< 1	< 1	< 2	< 1	10	< 1	99	< 1	< 2	109
7/18/2006	6G19003-14	8260	< 1	< 1	< 1	< 1	5 B	< 1	18	< 1	109	< 1	< 2	132
10/10/2006	6J11002-06	8260	< 1	< 1	< 1	< 1	< 2	2	73	< 1	414 D	< 1	4	493
1/9/2007	7A10006-03	8260	< 1	< 1	< 1	< 1	3 B	< 1	21	< 1	205 D	< 1	< 2	229
4/4/2007	7D05011-01	8260	< 1	< 1	< 1	< 1	< 2	< 1	13	< 1	150	< 1	< 2	163
7/11/2007	7G12003-07	8260	< 1	< 1	< 1	< 1	< 2	< 1	13	< 1	137	< 1	< 2	150
10/10/2007	7J11002-02	8260	< 1	< 1	< 1	< 1	< 2	1	45	< 1	258 D	< 1	3	307
1/8/2008	8A09005-06	8260	< 2	< 2	< 2	< 2	4	3	99	< 2	500 D	< 2	< 4	606
4/7/2008	8D08002-06	8260	< 5	< 5	< 5	< 5	18 B	< 5	33	< 5	346	< 5	< 10	397
7/22/2008	5422164	8260	< 1	< 0.8	< 1	< 0.8	< 2	1 J	26	< 0.8	230	< 0.8	< 1	257
10/17/2008	5502671	8260	< 1	< 0.8	< 1	< 0.8	< 2	< 0.8	10	< 0.8	95	< 0.8	< 1	105
1/15/2009	5578622	8260	< 1	< 0.8	< 1	< 0.8	< 2	0.92 J	26	< 0.8	210	< 0.8	< 1	236.92

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2) Total VOCs have been recalculated and represented as the sum of the detected parameters shown on this table.
3) The method change to 8260 was approved by the NYSDEC and changed in January 2005.

B - The analyte is present in the associated method blank.
D - Result reported from a secondary dilution analysis.
E - Concentration exceeds the calibration range; Result is estimated.
J - Indicates an estimated value.
µg/L - micrograms per liter

Well ID: **B-6M**

Date	Lab Sample ID	Method	Carbon tetrachloride (µg/L)	Chloroform (µg/L)	1,1-Dichloroethane (µg/L)	1,1-Dichloroethene (µg/L)	Methylene chloride (µg/L)	trans-1,2-Dichloroethene (µg/L)	cis-1,2-Dichloroethene (µg/L)	1,1,1-Trichloroethane (µg/L)	Trichloroethene (µg/L)	Tetrachloroethene (µg/L)	Vinyl chloride (µg/L)	Total
4/16/2009	5649163	8260	< 1	< 0.8	< 1	< 0.8	< 2	0.9 J	27	< 0.8	270	< 0.8	< 1	297.9
7/9/2009	5720687	8260	< 1	< 0.8	< 1	< 0.8	< 2	0.86 J	23	< 0.8	230	< 0.8	< 1	253.86
10/6/2009	5799016	8260	< 1	< 0.8	< 1	< 0.8	< 2	0.89 J	21	< 0.8	190	< 0.8	< 1	211.89
1/20/2010	5888924	8260	< 1	< 0.8	< 1	< 0.8	< 2	0.93 J	36	< 0.8	250	< 0.8	< 1	286.93
4/6/2010	5946900	8260	< 1	< 0.8	< 1	< 0.8	< 2	< 0.8	23	< 0.8	280	< 0.8	< 1	303
7/20/2010	6038216	8260	< 1	< 0.8	< 1	< 0.8	< 2	< 0.8	16	< 0.8	170	< 0.8	< 1	186
10/18/2010	6115536	8260	< 1	< 0.8	< 1	< 0.8	< 2	< 0.8	12	< 0.8	130	< 0.8	< 1	142
1/24/2011	6190820	8260	< 1	< 0.8	< 1	< 0.8	< 2	< 0.8	20	< 0.8	160	< 0.8	< 1	180
4/12/2011	6256726	8260	< 1	< 0.8	< 1	< 0.8	< 2	< 0.8	16	< 0.8	190	< 0.8	< 1	206
7/21/2011	6353674	8260	< 1	< 0.8	< 1	< 0.8	< 2	< 0.8	16	< 0.8	190	< 0.8	< 1	206
10/10/2011	6433664	8260	< 1	< 0.8	< 1	< 0.8	< 2	< 0.8	10	< 0.8	110	< 0.8	< 1	120
1/17/2012	6524419	8260	< 1	< 0.8	< 1	< 0.8	< 2	0.82 J	22	< 0.8	280	< 0.8	< 1	302.82
4/3/2012	6605294	8260	< 1	< 0.8	< 1	< 0.8	< 2	< 0.8	19	< 0.8	250	< 0.8	< 1	269
7/17/2012	6723840	8260	< 1	< 0.8	< 1	< 0.8	< 2	< 0.8	16	< 0.8	200	< 0.8	< 1	216
10/3/2012	6812009	8260	< 1	< 0.8	< 1	< 0.8	< 2	0.86 J	19	< 0.8	240	< 0.8	< 1	259.86
1/23/2013	6932568	8260	< 1	< 0.8	< 1	< 0.8	< 2	1.2 J	40	< 0.8	350	< 0.8	< 1	391.2
4/8/2013	7015025	8260	< 1	< 0.8	< 1	< 0.8	< 2	0.8 J	23	< 0.8	220	< 0.8	< 1	243.8
7/15/2013	7128199	8260	< 1	< 0.8	< 1	< 0.8	< 2	< 0.8	12	< 0.8	160	< 0.8	< 1	172
11/13/2013	7276546	8260	< 1	< 0.8	< 1	< 0.8	< 2	< 0.8	17	< 0.8	260	< 0.8	< 1	277
1/17/2014	7341388	8260	< 1	< 0.8	< 1	< 0.8	< 2	< 0.8	13	< 0.8	190	< 0.8	< 1	203
4/14/2014	7430454	8260	< 0.5	< 0.5	< 0.5	< 0.5	< 2	< 0.5	7.3	< 0.5	100	< 0.5	< 0.5	107.3
7/10/2014	7529507	8260	< 0.5	< 0.5	< 0.5	< 0.5	< 2	< 0.5	6	< 0.5	88	< 0.5	< 0.5	94
10/2/2014	7623670	8260	< 0.5	1.7	< 0.5	< 0.5	< 2	0.59 J	12	< 0.5	140	< 0.5	< 0.5	154.29
1/8/2015	7734018	8260	< 0.5	4.4	< 0.5	< 0.5	< 2	0.87 J	31	< 0.5	350	< 0.5	< 0.5	386.27
4/14/2015	7847245	8260	< 0.5	< 0.5	< 0.5	< 0.5	< 2	< 0.5	10	< 0.5	51	< 0.5	< 0.5	61
7/6/2015	7956060	SW8260C	< 0.5	1.3	< 0.5	< 0.5	< 2	0.68 J	26	< 0.5	260	< 0.5	< 0.5	287.98
10/7/2015	8080776	SW8260C	< 0.5	0.96 J	< 0.5	< 0.5	< 2	0.97 J	42	< 0.5	310	< 0.5	0.59 J	354.52
1/7/2016	8199648	SW8260C	< 0.5	< 0.5	< 0.5	< 0.5	< 2	< 0.5	2.9	< 0.5	55	< 0.5	< 0.5	57.9
12/7/2016	240-73270-5	8260C	< 10	< 10	< 10	< 10	< 10	< 10	22	< 10	240	< 10	< 10	262
5/4/2017	240-79160-10	8260C	< 6.3	< 6.3	< 6.3	< 6.3	< 6.3	< 6.3	13	< 6.3	180	< 6.3	< 6.3	193
11/3/2017	240-87694-4	8260C	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	16	< 5.0	210	< 5.0	< 5.0	226
4/13/2018	240-94116-15	8260C	< 13	< 13	< 13	< 13	< 13	< 13	15	< 13	270	< 13	< 13	285
9/28/2018	240-102125-18	8260C	< 4.0	< 4.0	< 4.0	< 4.0	< 20	< 4.0	14	< 4.0	170	< 4.0	< 4.0	184
4/4/2019	240-110627-14	8260C	< 2.5	< 2.5	< 2.5	< 2.5	< 13	< 2.5	7.9	< 2.5	72	< 2.5	< 2.5	79.9
11/21/2019	240-122893-3	624.1_L	< 4.0	< 4.0	< 4.0	< 4.0	< 20	0.92 J	29	< 4.0	200	< 4.0	< 4.0	229.92
3/25/2020	240-128236-1	8260C	< 5.0	< 5.0	< 5.0	< 5.0	< 25	< 5.0	12	< 5.0	120	< 5.0	< 5.0	132
10/29/2020	240-139252-5	8260C	< 1.0	< 1.0	< 1.0	< 1.0	< 5.0	< 1.0	< 1.0	< 1.0	1.1	< 1.0	< 1.0	1.1
4/23/2021	240-148185-5	8260C	< 1.0	< 1.0	< 1.0	< 1.0	4.4 J	< 1.0	1.6	< 1.0	9.1	< 1.0	< 1.0	15.1
10/27/2021	240-159076-11	8260C	< 1.0	< 1.0	< 1.0	< 1.0	< 5.0	0.79 J	39	< 1.0	260 D	< 1.0	< 1.0	299.79
4/13/2022	240-165066-8	8260C	< 4.0	< 4.0	< 4.0	< 4.0	< 20	< 4.0	12	< 4.0	130	< 4.0	< 4.0	142
10/19/2022	240-175103-8	8260D	< 1.0	< 1.0	< 1.0	< 1.0	< 5.0	< 1.0	6.2	< 1.0	43	< 1.0	< 1.0	49.2
3/24/2023	240-182590-8	8260D	< 1.0	< 1.0	< 1.0	< 1.0	< 5.0	0.84 J	28	< 1.0	270	< 1.0	< 1.0	298.84
10/20/2023	240-194049-18	8260D	< 1.0	< 1.0	< 1.0	< 1.0	< 5.0	< 1.0	2.5	< 1.0	24	< 1.0	< 1.0	26.5

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2) Total VOCs have been recalculated and represented as the sum of the detected parameters shown on this table.
3) The method change to 8260 was approved by the NYSDEC and changed in January 2005.

B - The analyte is present in the associated method blank.
D - Result reported from a secondary dilution analysis.
E - Concentration exceeds the calibration range; Result is estimated.
J - Indicates an estimated value.
µg/L - micrograms per liter

MONITORING WELL GROUNDWATER ANALYTICAL RESULT SUMMARY
FORMER CARBORUNDUM COMPANY
SANBORN, NEW YORK

Well ID: **B-7M**

Date	Lab Sample ID	Method	Carbon tetrachloride (µg/L)	Chloroform (µg/L)	1,1-Dichloroethane (µg/L)	1,1-Dichloroethene (µg/L)	Methylene chloride (µg/L)	trans-1,2-Dichloroethene (µg/L)	cis-1,2-Dichloroethene (µg/L)	1,1,1-Trichloroethane (µg/L)	Trichloroethene (µg/L)	Tetrachloroethene (µg/L)	Vinyl chloride (µg/L)	Total
8/1/1984		8260	< 5	3	< 5	< 5	1	< 5	< 5	< 5	7	< 5	< 5	11
3/1/1985		8260	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 2	< 5	< 2	0
5/1/1985		8260	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 5	< 1	0
12/1/1985		8260	< 2.8	< 1.6	< 4.7	< 2.8	5.4	< 1.6	< 1.6	< 3.8	6.8	< 5	< 10	12.2
4/1/1986		8260	< 0.4	< 0.2	< 0.4	< 0.4	< 0.2	< 5	0.5	< 0.2	2.6	< 5	< 0.4	3.1
7/1/1986		8260	< 0.4	< 0.2	< 0.2	< 0.4	< 0.2	< 5	1.3	< 0.2	1.1	< 5	< 0.4	2.4
10/1/1986		8260	< 0.4	< 0.4	< 0.4	< 0.4	< 0.4	< 5	0.9	< 0.4	0.4	< 5	< 0.4	1.3
1/1/1987		8260	< 0.2	< 0.4	< 0.2	< 0.2	< 0.2	< 5	1.9	< 0.2	9.6	< 5	< 0.2	11.5
4/1/1987		8260	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 5	1.3	< 0.2	3.9	< 5	< 0.2	5.2
7/1/1987		8260	< 0.2	< 0.2	< 0.4	< 0.4	< 0.2	< 5	1	< 0.2	1.5	< 5	< 0.6	2.5
10/1/1987		8260	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 5	1.6	< 0.2	< 0.2	< 5	< 0.4	1.6
2/1/1988		8260	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 5	1.4	< 0.2	20	< 5	< 0.2	21.4
8/1/1988		8260	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 5	2	< 0.2	29	< 5	< 0.4	31
11/1/1988		8260	11	< 0.2	< 0.2	< 0.2	< 0.2	< 5	2.8	< 0.2	< 0.2	< 5	< 0.2	13.8
1/1/1989		8260	< 0.1	< 5	< 0.07	< 0.1	< 0.1	< 0.1	1	< 0.03	9	< 0.03	< 0.2	10
4/1/1989		8260	< 0.1	< 0.05	< 0.07	< 0.03	< 0.1	< 0.1	31	< 0.03	7.3	< 0.03	< 0.2	38.3
7/1/1989		8260	< 1.2	0.7	< 0.7	< 1.3	< 2.5	< 1	1.4	< 0.3	22	< 0.3	< 1.8	24.1
10/1/1989		8260	5.7	< 0.5	< 0.7	< 1	< 1	< 1	2.2	< 0.3	35	< 0.3	< 1	42.9
1/1/1990		8260	< 1	1	< 0.7	< 1	< 5	< 1	6.4	< 0.3	200	< 0.3	< 1	207.4
4/1/1990		8260	< 1	< 0.5	< 0.7	< 1	< 5	< 1	9.5	< 0.3	28	< 0.3	< 1	37.5
7/1/1990		8260	< 1	< 0.5	< 0.7	< 1	< 5	< 1	1.3	< 0.3	41	< 0.3	< 1	42.3
10/1/1990		8260	< 1	< 0.5	< 0.7	3	< 1	< 1	3.2	< 0.3	81	< 0.3	< 1	87.2
1/1/1991		8260	< 1	< 0.5	< 0.7	< 1	< 5	< 1	5.5	14	130	0.3	< 1	149.8
5/1/1991		8260	< 1.2	< 0.5	< 0.7	< 1.3	< 2.5	< 1	1.1	< 0.3	46	< 0.3	< 1.8	47.1
7/1/1991		8260	< 1.2	< 0.5	< 0.7	< 1.3	< 2.5	< 1	< 1	< 0.3	58	< 0.3	< 1.8	58
10/1/1991		8260	< 12	< 5	< 7	< 13	< 25	< 10	< 10	< 3	330	< 3	< 18	330
1/1/1992		8260	< 12	< 5	< 7	< 13	< 25	< 10	< 10	< 3	380	< 3	< 18	380
4/1/1992		8260	< 12	< 5	< 7	< 13	< 25	< 10	< 10	< 3	87	< 3	< 18	87
7/1/1992		8260	< 12	< 5	< 7	< 13	< 25	< 10	< 10	< 10	< 84	< 3	< 18	0
10/1/1992		8260	< 1.2	< 0.5	< 0.7	< 1.3	< 2.5	< 1	< 2.1	< 0.3	58	< 0.3	< 1.8	58
1/1/1993		8260	< 1.2	< 0.5	< 0.7	< 1.3	< 2.5	< 1	2.1	< 0.3	29	< 0.3	< 1.8	31.1
3/31/1993		8260	< 1.2	< 0.5	< 0.7	< 1.3	< 2.5	< 1	1.4	< 0.5	32	< 0.3	< 1.8	33.4
6/29/1993		8260	< 1.2	< 0.5	< 0.7	< 1.3	< 2.5	< 1	< 1	1.6	9.4	< 0.3	< 1.8	11
10/5/1993		8260	< 1.2	< 0.5	< 0.7	< 1.3	< 2.5	< 1	1.4	< 0.5	19	< 0.3	< 1.8	20.4
1/27/1994		8260	< 1.2	< 0.5	< 0.7	< 1.3	< 2.5	< 1	< 1	< 0.5	5.8	< 0.3	< 1.8	5.8
4/6/1994		8260	< 1.2	< 0.5	< 0.7	< 1.3	< 2.5	< 1	0.93	< 0.5	23	< 0.3	< 1.8	23.93
7/7/1994		8260	< 1.2	< 0.5	< 0.7	< 1.3	< 2.5	< 1	1	< 0.5	41	< 0.3	< 1.8	42
10/6/1994		8260	< 1.2	< 0.5	< 0.7	< 1.3	< 2.5	< 1	2.2	< 0.5	14	< 0.3	< 1.8	16.2
1/25/1995		8260	< 1	< 1	< 1	< 1	< 1	< 1	2.3	< 1	14	< 1	< 2	16.3
4/5/1995		8260	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	7.5	< 1	< 2	7.5
6/27/1995		8260	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	6.8	< 1	< 2	6.8
10/9/1995		8260	< 1.2	< 0.5	< 1	< 0.7	< 2.5	< 1	3	< 0.64	13	< 0.79	< 1.8	16
1/9/1996		8260	< 1.2	< 0.5	< 1	< 0.7	< 2.5	< 1	2	< 0.64	12	< 0.79	< 1.8	14
4/3/1996		8260	< 1.2	< 0.5	< 1	< 0.7	< 2.5	< 1	2	< 0.64	14	< 0.79	< 1.8	16
7/16/1996		8260	< 1.2	< 0.5	< 1	< 0.7	< 2.5	< 1	2	< 0.64	15	< 0.79	< 1.8	17
10/3/1996		8260	< 1.2	< 0.5	< 1	< 0.7	< 2.5	< 1	< 1	< 0.64	5.6	< 0.79	< 1.8	5.6

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µg/L - micrograms per liter

Well ID: **B-7M**

Date	Lab Sample ID	Method	Carbon tetrachloride (µg/L)	Chloroform (µg/L)	1,1-Dichloroethane (µg/L)	1,1-Dichloroethene (µg/L)	Methylene chloride (µg/L)	trans-1,2-Dichloroethene (µg/L)	cis-1,2-Dichloroethene (µg/L)	1,1,1-Trichloroethane (µg/L)	Trichloroethene (µg/L)	Tetrachloroethene (µg/L)	Vinyl chloride (µg/L)	Total
1/30/1997		8260	< 1.2	< 0.5	< 1	< 0.7	< 2.5	< 1	2	< 0.64	11	< 0.79	< 1.8	13
4/17/1997		8260	< 1.2	< 0.5	< 1	< 0.7	< 2.5	< 1	< 1	< 0.64	7.5	< 0.79	< 1.8	7.5
7/8/1997		8260	< 1.2	< 0.5	< 1	< 0.7	< 2.5	< 1	2	< 0.64	6	< 0.79	< 1.8	8
10/24/1997		8260	< 1.2	< 0.5	< 1	< 0.7	< 2.5	< 1	< 1	< 0.64	6.4	< 0.79	< 1.8	6.4
1/19/1998		8260	< 1.2	< 0.5	< 1	< 0.7	< 2.5	< 1	< 1	< 0.64	9.3	< 0.79	< 1.8	9.3
4/22/1998		8260	< 1.2	< 0.5	< 1	< 0.7	< 2.5	< 1	< 1	< 0.64	5.9	< 0.79	< 1.8	5.9
7/23/1998		8260	< 1.2	< 0.5	< 1	< 0.7	< 2.5	< 1	< 1	< 0.64	6.6	< 0.79	< 1.8	6.6
10/8/1998		8260	< 1.2	< 0.5	< 1	< 0.7	< 2.5	< 1	< 1	< 0.64	5.8	< 0.79	< 1.8	5.8
1/21/1999		8260	< 1.2	< 0.5	< 1	< 0.7	< 2.5	< 1	1	< 0.64	5.6	< 0.79	< 1.8	6.6
4/15/1999		8260	< 1.2	< 0.5	< 1	< 0.7	< 2.5	< 1	2	< 0.64	7.1	< 0.79	< 1.8	9.1
7/19/1999		8260	< 1.2	< 0.5	< 1	< 0.7	< 2.5	< 1	2	< 0.64	5.4	< 0.79	< 1.8	7.4
10/11/1999		8260	< 1.2	< 1	< 1	< 1	< 2.5	< 1	< 1	< 1	3	< 1	< 1.8	3
1/10/2000	A0018401	8021	< 1.2	< 1	< 1	< 1	< 2.5	< 1	1.6	< 1	3.5	< 1	< 1.8	5.1
4/20/2000	A0263904	8021	< 1.2	< 1	< 1	< 1	< 2.5	< 1	2	< 1	5.5	< 1	< 1.8	7.5
7/18/2000	A0500416	8021	< 1.2	< 1	< 1	< 1	< 2.5	< 1	0.36 J	< 1	2	< 1	< 1.8	2.36
10/18/2000	A0751310	8021	< 1.2	< 1	< 1	< 1	< 2.5	< 1	0.49 J	< 1	3	< 1	< 1.8	3.49
1/11/2001	A1035103	8021	< 1.2	< 1	< 1	< 1	< 2.5	< 1	1.8	< 1	2.2	< 1	< 1.8	4
4/20/2001	A1366402	624	< 1.2	< 1.5	< 1.8	< 1.4	< 2.5	< 1.8	2.9	< 1.1	3.2	< 1.1	< 1.8	6.1
7/12/2001	A1663801	8021	< 1.2	< 1	< 1	< 1	< 2.5	< 1	0.5 J	< 1	1.8	< 1	< 1.8	2.3
10/10/2001	A1994702	8021	< 1.2	< 1	< 1	< 1	< 2.5	< 1	0.59 J	< 1	1.9	< 1	< 1.8	2.49
1/21/2002	A2066003	8021	< 1.2	< 1	< 1	< 1	< 2.5	< 1	1.1	< 1	4.6	< 1	< 1.8	5.7
4/11/2002	A2348301	8021	< 1.2	< 1	< 1	< 1	< 2.5	< 1	1.5	< 1	11	< 1	< 1.8	12.5
7/11/2002	A2708314	8021	< 1.2	< 1	< 1	< 1	< 2.5	< 1	2.3	< 1	7.7	< 1	< 1.8	10
10/8/2002	A2999307	8021	< 1.2	< 1	< 1	< 1	< 2.5	< 1	1.8	< 1	7.2	< 1	< 1.8	9
1/16/2003	A3055803	8021	< 1.2	3.1	< 1	< 1	< 2.5	< 1	0.92 J	< 1	4	< 1	< 1.8	8.02
4/8/2003	A3329504	8021	< 1.2	< 1	< 1	< 1	< 2.5	< 1	2.3	< 1	8.6	< 1	< 1.8	10.9
7/8/2003	A3649101	8021	< 1.2	< 1	< 1	< 1	< 2.5	< 1	0.85 J	< 1	5.4	< 1	< 1.8	6.25
10/10/2003	A3983901	8021	< 1.4	< 1	< 1	< 1	< 2.5	< 1	28	< 1	63	< 1	< 1.8	91
1/9/2004	A4026201	8021	< 1.2	< 1	< 1	< 1	< 2.5	< 1	6.7	< 1	25	< 1	< 1.8	31.7
4/14/2004	A4331802	8021	< 1.2	< 1	< 1	< 1	< 2.5	< 1	4.4	< 1	21	< 1	< 1.8	25.4
6/30/2004	A4619301	8021	< 1.2	< 1	< 1	< 1	< 2.5	< 1	3.7	< 1	18	< 1	< 1.8	21.7
10/26/2004	A4A60202	8021	< 1	< 1	< 1	< 1	< 1	< 1	3.9	< 1	12	< 1	< 1	15.9
1/18/2005	A5051004	8260	< 1.2	< 1	< 1	< 1	< 2.5	< 1	1.3	< 1	8.6	< 1	< 1.8	9.9
4/4/2005	A5307701	8260	< 1.2	< 1	< 1	< 1	< 2.5	< 1	1.6	< 1	12 B	< 1	< 1.8	13.6
7/12/2005	A5725601	8260/5M	< 1.2	< 1	< 1	< 1	< 2.5	< 1	1.8	< 1	8.2	< 1	< 1.8	10
7/17/2006	6G18004-02	8260	< 1	< 1	< 1	< 1	< 2	< 1	2	< 1	8	< 1	< 2	10
7/10/2007	7G11015-01	8260	< 1	< 1	< 1	< 1	< 2	< 1	1	< 1	7	< 1	< 2	8
7/23/2008	5423259	8260	< 1	< 0.8	< 1	< 0.8	< 2	< 0.8	2.2 J	< 0.8	7.7	< 0.8	< 1	9.9
7/8/2009	5719613	8260	< 1	< 0.8	< 1	< 0.8	< 2	< 0.8	1.5 J	< 0.8	4.9 J	< 0.8	< 1	6.4
7/12/2010	6030554	8260	< 1	< 0.8	< 1	< 0.8	< 2	< 0.8	1.4 J	< 0.8	4.9 J	< 0.8	< 1	6.3
7/18/2011	6348760	8260	< 1	< 0.8	< 1	< 0.8	< 2	< 0.8	1.5 J	< 0.8	4.6 J	< 0.8	< 1	6.1
7/16/2012	6722037	8260	< 1	< 0.8	< 1	< 0.8	< 2	< 0.8	1.1 J	< 0.8	3.8 J	< 0.8	< 1	4.9
7/9/2013	7122567	8260	< 1	< 0.8	< 1	< 0.8	< 2	< 0.8	0.94 J	< 0.8	5.2	< 0.8	< 1	6.14
7/9/2014	7527870	8260	< 0.5	< 0.5	< 0.5	< 0.5	< 2	< 0.5	< 0.5	< 0.5	2.7	< 0.5	< 0.5	2.7
7/13/2015	7965564	SW8260C	< 0.5	0.95 J	< 0.5	< 0.5	< 2	< 0.5	1.1	< 0.5	4.7	< 0.5	< 0.5	6.75
12/12/2016	240-73361-1	8260C	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	1.4	< 1.0	5.2	< 1.0	< 1.0	6.6
5/2/2017	240-79083-4	8260C	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	0.76 J	< 1.0	4.5	< 1.0	< 1.0	5.26
4/13/2018	240-94116-2	8260C	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	0.96 J	< 1.0	4.2	< 1.0	< 1.0	5.16
4/4/2019	240-110627-7	8260C	< 1.0	< 1.0	< 1.0	< 1.0	< 5.0	< 1.0	0.75 J	< 1.0	3.4	< 1.0	< 1.0	4.15

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E - Concentration exceeds the calibration range; Result is estimated.
J - Indicates an estimated value.
µg/L - micrograms per liter

Well ID: **B-7M**

Date	Lab Sample ID	Method	Carbon tetrachloride (µg/L)	Chloroform (µg/L)	1,1-Dichloroethane (µg/L)	1,1-Dichloroethene (µg/L)	Methylene chloride (µg/L)	trans-1,2-Dichloroethene (µg/L)	cis-1,2-Dichloroethene (µg/L)	1,1,1-Trichloroethane (µg/L)	Trichloroethene (µg/L)	Tetrachloroethene (µg/L)	Vinyl chloride (µg/L)	Total
3/25/2020	240-128236-2	8260C	< 1.0	< 1.0	< 1.0	< 1.0	< 5.0	< 1.0	0.96 J	< 1.0	3.2	< 1.0	< 1.0	4.16
4/20/2021	240-147939-10	8260C	< 1.0	< 1.0	< 1.0	< 1.0	< 5.0	< 1.0	1.3	< 1.0	3.5	< 1.0	< 1.0	4.8
4/13/2022	240-165065-4	8260C	< 1.0	< 1.0	< 1.0	< 1.0	< 5.0	< 1.0	1	< 1.0	3.5	< 1.0	< 1.0	4.5
3/23/2023	240-182590-16	8260D	< 1.0	< 1.0	< 1.0	< 1.0	< 5.0	< 1.0	1.1	< 1.0	3.3	< 1.0	< 1.0	4.4

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MONITORING WELL GROUNDWATER ANALYTICAL RESULT SUMMARY
FORMER CARBORUNDUM COMPANY
SANBORN, NEW YORK

Well ID: **B-8M**

Date	Lab Sample ID	Method	Carbon tetrachloride (µg/L)	Chloroform (µg/L)	1,1-Dichloroethane (µg/L)	1,1-Dichloroethene (µg/L)	Methylene chloride (µg/L)	trans-1,2-Dichloroethene (µg/L)	cis-1,2-Dichloroethene (µg/L)	1,1,1-Trichloroethane (µg/L)	Trichloroethene (µg/L)	Tetrachloroethene (µg/L)	Vinyl chloride (µg/L)	Total
8/1/1984		8260	2	10	7	6	2	< 5	390	< 5	40000	< 5	57	40474
3/1/1985		8260	< 2000	< 1000	< 1000	< 4000	1700	< 5	14000	< 2000	84000	< 5	< 2000	99700
5/1/1985		8260	< 400	< 200	< 400	< 1000	< 200	< 5	1400	< 600	39000	< 5	< 400	40400
12/1/1985		8260	< 1400	< 800	< 2400	< 1400	< 1400	< 800	< 800	< 1900	98000	< 5	< 5000	98000
4/1/1986		8260	< 200	< 100	< 200	< 200	< 200	< 5	730	< 100	72000	< 5	< 200	72730
7/1/1986		8260	< 200	< 100	< 200	< 200	< 100	< 5	1900	< 200	16000	< 5	< 200	17900
10/1/1986		8260	< 100	180	< 100	< 100	< 200	< 100	< 100	< 100	62000	< 5	< 200	62180
4/1/1987		8260	< 1	38	8.5	7.6	< 1	< 5	680	11	22000	< 5	230	22975.1
7/1/1987		8260	< 20	< 20	< 40	< 40	< 20	< 5	530	< 20	16000	< 5	< 60	16530
10/1/1987		8260	< 1	< 5	2.7	< 1	< 1	< 5	270	1.8	11000	< 5	8.1	11282.6
2/1/1988		8260	< 200	< 200	< 200	< 200	< 200	< 5	4200	< 200	170000	< 5	< 400	174200
8/1/1988		8260	< 100	< 100	< 100	< 100	< 100	< 5	1300	< 100	51000	< 5	< 200	52300
11/1/1988		8260	6	19	6	8	< 1	< 5	37	8	49000	< 5	67	49151
1/1/1989		8260	< 0.1	< 5	< 0.07	< 0.1	< 0.1	< 0.1	90	< 0.03	7500	< 0.03	22	7612
4/1/1989		8260	460	110	< 7	< 3	< 10	< 10	480	< 3	81000	< 0.03	< 18	82050
7/1/1989		8260	< 1000	< 500	< 700	< 1000	< 1000	< 1000	650	< 300	46000	< 300	< 1000	46650
10/1/1989		8260	< 1000	< 500	< 700	< 1000	< 1000	< 1000	< 1000	< 300	18000	< 300	< 1000	18000
1/1/1990		8260	< 1000	520	< 700	< 1000	< 5000	< 1000	1600	< 300	100000	< 300	< 1000	102120
4/1/1990		8260	< 1000	< 500	< 700	< 1000	< 5000	< 1000	< 1000	< 300	47000	300	< 1000	47300
7/1/1990		8260	< 1000	< 500	< 700	< 1000	< 5000	< 1000	< 1000	< 300	69000	300	< 1000	69300
10/1/1990		8260	< 200	< 100	< 140	< 200	< 200	< 200	210	< 60	26000	< 60	< 200	26210
2/1/1991		8260	< 250	< 130	< 180	< 250	< 1300	< 250	810	< 75	120000	< 75	< 250	120810
5/1/1991		8260	< 120	< 50	< 70	< 130	< 250	< 100	1800	< 30	110000	< 30	< 180	111800
7/1/1991		8260	< 120	< 50	< 70	< 130	< 250	< 100	880	60	64000	< 300	< 180	64940
10/1/1991		8260	< 1200	< 500	< 700	< 1300	< 2500	< 1000	< 1000	< 300	24000	< 300	< 1800	24000
1/1/1992		8260	< 1200	< 500	< 700	< 1300	< 2500	< 100	< 1000	< 300	25000	< 300	< 1800	25000
4/1/1992		8260	< 2400	< 1000	< 1400	< 2600	< 5000	< 2000	< 2000	< 600	110000	< 600	< 3600	110000
7/1/1992		8260	< 6000	< 3000	< 3500	< 6500	< 13000	< 5000	< 5000	< 1500	67000	< 1500	< 9000	67000
10/1/1992		8260	< 120	< 50	< 70	< 130	< 250	< 100	1900	< 30	130000	< 30	< 180	131900
1/1/1993		8260	< 120	< 50	< 70	< 130	< 250	< 100	2900	< 30	130000	< 30	< 180	132900
3/30/1993		8260	< 1200	< 500	< 700	< 1300	< 2500	< 1000	< 1000	< 500	53000	< 300	< 1800	53000
6/4/1993		8260	< 120	< 50	< 70	< 130	430	< 100	1100	81	120000	< 30	< 180	121611
6/29/1993		8260	< 1200	< 500	< 700	< 1300	< 2500	< 1000	1200	2100	74000	< 300	< 1800	77300
8/5/1993		8260	< 120	< 50	< 70	< 130	< 250	< 100	1600	< 50	44000	< 30	< 180	45600
9/1/1993		8260	< 1200	< 500	< 700	< 1300	< 2500	< 1000	2800	< 500	59000	< 300	< 1800	61800
10/4/1993		8260	< 1200	< 500	< 700	< 1300	< 2500	< 1000	2000	< 500	110000	< 300	< 1800	112000
1/28/1994		8260	< 12	9.8	< 7	46	< 25	33	1800	5.9	21000	8.8	80	22983.5
4/6/1994		8260	< 12	< 5	< 7	20	< 25	32	1500	< 5	160000	< 3	< 18	161552
7/7/1994		8260	< 1.2	< 0.5	< 0.7	13	< 2.5	15	1600	0.72	52000 E	2.2	12	53642.92
1/25/1995		8260	< 200	< 200	< 200	200	< 200	< 200	390	< 200	27000	< 200	< 400	27590
4/5/1995		8260	< 200	< 200	< 200	200	< 200	< 200	430	< 200	24000	< 200	< 400	24630
4/4/1996		8260	< 1200	< 500	< 1000	< 700	< 2500	< 1000	< 1000	< 640	27000	< 790	< 1800	27000
7/15/1996		8260	< 1200	< 500	< 1000	< 700	< 2500	< 1000	< 1000	< 640	18000	< 790	< 1800	18000
1/28/1997		8260	< 120	< 50	< 100	70	< 250	< 100	230	< 64	7800	< 79	< 180	8100
4/17/1997		8260	< 1200	< 500	< 1000	< 700	< 2500	< 1000	< 1000	< 640	14000	< 790	< 1800	14000
7/10/1997		8260	< 1200	< 500	< 1000	< 700	< 2500	< 1000	< 1000	< 640	17000	< 790	< 1800	17000

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To Address the NYSDEC concerns regarding the presentation and plotting of non-detected values, the data for 2001 to 2004 has been reevaluated and interpreted as follows:

1) Non-detected concentrations have been represented as '<' for reporting purposes.
2) Total VOCs have been recalculated and represented as the sum of the detected parameters shown on this table.
3) The method change to 8260 was approved by the NYSDEC and changed in January 2005.

B - The analyte is present in the associated method blank.
D - Result reported from a secondary dilution analysis.
E - Concentration exceeds the calibration range; Result is estimated.
J - Indicates an estimated value.
µg/L - micrograms per liter

Well ID: **B-8M**

Date	Lab Sample ID	Method	Carbon tetrachloride (µg/L)	Chloroform (µg/L)	1,1-Dichloroethane (µg/L)	1,1-Dichloroethene (µg/L)	Methylene chloride (µg/L)	trans-1,2-Dichloroethene (µg/L)	cis-1,2-Dichloroethene (µg/L)	1,1,1-Trichloroethane (µg/L)	Trichloroethene (µg/L)	Tetrachloroethene (µg/L)	Vinyl chloride (µg/L)	Total
10/23/1997		8260	< 120	< 50	< 100	< 70	< 250	< 100	120	< 64	3600	< 79	< 180	3720
1/21/1998		8260	< 120	< 50	< 100	< 70	< 250	< 100	280	< 64	18000	< 79	< 180	18280
4/22/1998		8260	< 120	< 50	< 100	< 70	< 250	< 100	520	< 64	11000	< 79	< 180	11520
10/12/1998		8260	< 120	< 50	< 100	< 70	< 250	< 100	1500	< 64	7800	< 79	< 180	9300
1/13/2000	A0026411	8021	< 160	< 160	< 160	< 160	< 160	< 160	1700	< 160	12000	< 160	< 160	13700
4/19/2000	A0259416	8021	< 160	< 160	< 160	< 160	170	< 160	1800	< 160	20000	< 160	< 160	21970
10/20/2000	A0754601	8021	< 80	< 80	< 80	< 80	110 B	< 80	680	< 80	7900	< 80	< 80	8690
1/12/2001	A1035104	8021	< 160	< 160	< 160	< 160	620	< 160	1400	< 160	7400	< 160	< 160	9420
4/24/2001	A1375204	8021	< 400	< 400	< 400	< 400	< 400	< 400	2400	< 400	24000	< 400	< 400	26400
7/11/2001	A1648705	8021	< 200	< 200	< 200	< 200	500	< 200	700	< 200	11000	< 200	< 200	12200
10/17/2001	A1A23313	8021	< 800	< 800	< 800	< 800	980	< 800	8500	< 800	64000	< 800	< 800	73480
1/25/2002	A2081501	8021	< 100	< 100	< 100	< 100	170	< 100	2400	< 100	35000 D	< 100	< 100	37570
4/22/2002	A2391102	8021	< 400	< 400	< 400	< 400	540	< 400	< 400	< 400	22000	< 400	< 400	22540
7/17/2002	A2732602	8021	< 500	< 500	< 500	< 500	1500	< 500	4700	< 500	73000	< 500	< 500	79200
10/15/2002	A2A23602	8021	< 500	< 500	< 500	< 500	< 500	< 500	7100	< 500	41000	< 500	< 500	48100
1/24/2003	A3075209	8021	< 140	< 46	< 50	< 82	< 180	< 77	1900	< 93	10000	< 160	< 65	11900
4/24/2003	A3389604	8021	< 290	< 91	< 99	< 160	530	< 150	2100	< 190	23000	< 330	< 130	25630
7/22/2003	A3699407	8021	< 2900	< 910	< 990	< 1600	< 3700	< 1500	9500	< 1900	170000	< 3300	< 1300	179500
10/22/2003	A3A28301	8021	< 1400	< 250	< 210	< 820	< 450	< 500	5300	< 300	85000	< 110	< 890	90300
1/22/2004	A4057101	8021	< 290	< 51	< 42	< 160	< 90	330	330	< 59	12000	< 23	< 180	12660
4/30/2004	A4402504	8021	< 1400	< 250	< 210	< 820	< 450	< 500	< 1200	< 300	24000	< 110	< 890	24000
7/19/2004	A4682701	8021	< 1400	< 250	< 210	< 820	< 450	< 500	7800 E	< 300	58000	< 110	< 890	65800
7/19/2004	A4682701	8260	< 480	< 800	< 950	< 470	3000	< 810	3900	< 630	71000	< 640	< 1500	77900
10/15/2004	A4A20302	8021	< 1	< 1	< 1	3.6	< 1	6.5	980 D	< 1	15000 D	4	17	16011.1
1/12/2005	A5036104	8260	< 190	< 320	< 380	< 190	< 400	< 320	920	< 250	51000 D	< 250	< 590	51920
4/19/2005	A5387403	8260	< 95	< 160	< 190	< 94	< 200	< 160	430	< 130	18000	< 130	< 290	18430
7/15/2005	A5747101	8260/5M	< 51	< 56	< 53	< 60	200	< 63	3300	< 56	29000 D	< 64	320	32820
10/24/2005	A5B97301	8260	< 1.2	< 1	0.93 J	12	< 2.5	13	880 D	0.61 J	56000 BD	5.4	42	56953.94
1/26/2006	A6102405	8260	< 110	< 130	< 110	< 120	< 180	< 130	1000	< 100	36000	< 140	< 97	37000
4/19/2006	6D20002-03	8260	< 20	< 20	< 20	< 20	< 40	< 20	1020	< 20	23200 D	< 20	78	24298
7/14/2006	6G14010-01	8260	< 20	< 20	< 20	20	115	32	3450	< 20	58900 D	< 20	198	62715
10/9/2006	6J10002-08	8260	< 25	< 25	< 25	< 25	74	< 25	975	< 25	29100 D	< 25	< 50	30149
1/9/2007	7A10006-06	8260	< 25	< 25	< 25	< 25	235	< 25	2580	< 25	48700 D	< 25	50	51565
4/12/2007	7D13007-04	8260	< 250	< 250	< 250	< 250	1160	< 250	692	< 250	17800	< 250	< 500	19652
7/16/2007	7G17015-05	8260	< 500	< 500	< 500	< 500	1260	< 500	4130	< 500	71500	< 500	< 1000	76890
10/9/2007	7J10006-05	8260	< 500	< 500	< 500	< 500	< 1000	< 500	6730	< 500	120000 D	< 500	< 1000	126730
1/7/2008	8A08003-02	8260	< 250	< 250	< 250	< 250	500	< 250	1280	< 250	30500	< 250	< 500	32280
4/9/2008	8D10002-03	8260	< 250	< 250	< 250	< 250	732	< 250	4110	< 250	101000 D	< 250	< 500	105842
7/24/2008	5424623	8260	< 20	< 16	< 20	< 16	< 40	< 16	1400	< 16	37000	< 16	28 J	38428
10/16/2008	5501565	8260	< 50	< 40	< 50	< 40	< 100	< 40	4600	< 40	32000	< 40	200 J	36800
1/15/2009	5578621	8260	< 50	< 40	< 50	< 40	< 100	< 40	3100	< 40	63000	< 40	87 J	66187
4/13/2009	5647717	8260	< 100	< 80	< 100	< 80	< 200	< 80	3100	< 80	61000	< 80	120 J	64220
7/7/2009	5718472	8260	< 20	< 16	< 20	< 16	< 40	< 16	1200	< 16	25000	< 16	30 J	26230
10/7/2009	5800390	8260	< 5	< 4	< 5	12 J	< 10	13 J	1900	< 4	32000	< 4	79	34004
1/20/2010	5888925	8260	< 100	< 80	< 100	< 80	< 200	< 80	4600	< 80	80000	< 80	210 J	84810
4/14/2010	5954138	8260	< 100	< 80	< 100	< 80	< 200	< 80	2700	< 80	84000	< 80	< 100	86700
7/15/2010	6033918	8260	< 100	< 80	< 100	< 80	< 200	< 80	5600	< 80	94000	< 80	410 J	100010
10/14/2010	6113377	8260	< 5	< 4	< 5	13 J	< 10	17 J	3000	< 4	60000	6.6 J	54	63090.6
1/24/2011	6190819	8260	< 100	< 80	< 100	< 80	< 200	< 80	4600	< 80	70000	< 80	160 J	74760

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B - The analyte is present in the associated method blank.
D - Result reported from a secondary dilution analysis.
E - Concentration exceeds the calibration range; Result is estimated.
J - Indicates an estimated value.
µg/L - micrograms per liter

Well ID: **B-8M**

Date	Lab Sample ID	Method	Carbon tetrachloride (µg/L)	Chloroform (µg/L)	1,1-Dichloroethane (µg/L)	1,1-Dichloroethene (µg/L)	Methylene chloride (µg/L)	trans-1,2-Dichloroethene (µg/L)	cis-1,2-Dichloroethene (µg/L)	1,1,1-Trichloroethane (µg/L)	Trichloroethene (µg/L)	Tetrachloroethene (µg/L)	Vinyl chloride (µg/L)	Total
4/14/2011	6259039	8260	< 50	< 40	< 50	< 40	< 100	< 40	1400	< 40	45000	< 40	< 50	46400
7/18/2011	6348766	8260	< 200	< 160	< 200	< 160	< 400	< 160	5400	< 160	83000	< 160	400 J	88800
10/12/2011	6435905	8260	< 100	< 80	< 100	< 80	< 200	< 80	5600	< 80	78000	< 80	270 J	83870
1/17/2012	6524424	8260	< 1	< 0.8	< 1	9.7	< 2	11	1300	< 0.8	35000	4.5 J	52	36377.2
4/4/2012	6607032	8260	< 20	< 16	< 20	< 16	< 40	< 16	1900	< 16	32000	< 16	120	34020
7/16/2012	6722032	8260	< 2	< 1.6	< 2	32	< 4	36	5500	< 1.6	56000	11	340	61919
10/4/2012	6814361	8260	< 100	< 80	< 100	< 80	< 200	< 80	5800	< 80	84000	< 80	100 J	89900
1/23/2013	6932575	8260	< 50	< 40	< 50	< 40	< 100	< 40	2000	< 40	51000	< 40	< 50	53000
4/8/2013	7015031	8260	< 10	< 8	< 10	< 8	< 20	< 8	760	< 8	20000	< 8	< 10	20760
7/2/2013	7117030	8260	< 10	< 8	< 10	< 8	< 20	< 8	770	< 8	21000	< 8	18 J	21788
11/11/2013	7273097	8260	< 10	< 8	< 10	< 8	< 20	< 8	470	< 8	13000	< 8	< 10	13470
1/17/2014	7341387	8260	< 5	< 4	< 5	< 4	< 10	< 4	260	< 4	7700	< 4	< 5	7960
4/15/2014	7432590	8260	< 2.5	< 2.5	< 2.5	< 2.5	< 10	3.2 J	250	< 2.5	7400	2.7 J	< 2.5	7655.9
7/9/2014	7527876	8260	< 0.5	8.5	< 0.5	2.2	< 2	3.1	300	< 0.5	7000	2.3	4	7320.1
10/3/2014	7625307	8260	< 2.5	11	< 2.5	4.3 J	< 10	5.3	720	< 2.5	10000	3 J	10	10753.6
1/6/2015	7731160	8260	< 5	5 J	< 5	< 5	< 20	< 5	800	< 5	11000	< 5	< 5	11805
4/22/2015	7858500	8260	< 5	5.7 J	< 5	< 5	< 20	5.6 J	660	< 5	16000	< 5	12	16683.3
7/6/2015	7956057	SW8260C	< 50	< 50	< 50	< 50	< 200	< 50	4900	< 50	75000	< 50	160	80060
10/6/2015	8079106	SW8260C	< 50	< 50	< 50	< 50	< 200	< 50	6400	< 50	110000	< 50	270	116670
1/5/2016	8197708	SW8260C	< 25	< 25	< 25	< 25	< 100	< 25	2500	< 25	27000	< 25	53	29553
12/8/2016	240-73270-7	8260C	< 1700	< 1700	< 1700	< 1700	1300 J	< 1700	2200	< 1700	40000	< 1700	< 1700	43500
5/1/2017	240-78974-4	8260C	< 500	< 500	< 500	< 500	< 500	< 500	430 J	< 500	14000	< 500	< 500	14430
4/17/2018	240-94331-18	8260C	< 250	< 250	< 250	< 250	< 250	< 250	190 J	< 250	6200	< 250	< 250	6390
7/16/2018	240-98766-1	8260C	< 500	< 500	< 500	< 500	< 2500	< 500	1000	< 500	14000	< 500	< 500	15000
8/22/2018	240-100303-2	8260C	< 100	< 100	< 100	< 100	< 500	< 100	160	< 100	2800	< 100	< 100	2960
9/27/2018	240-102127-1	8260C	< 50	< 50	< 50	< 50	< 250	< 50	230	< 50	1500	< 50	< 50	1730
10/30/2018	240-103813-4	8260C	< 25	< 25	< 25	< 25	< 130	7.1 J	1700	< 25	3100 D	< 25	< 25	4807.1
1/29/2019	240-107569-3	8260C	< 200	< 200	< 200	< 200	< 1000	< 200	2800	< 200	4100	< 200	< 200	6900
4/4/2019	240-110627-9	8260C	< 250	< 250	< 250	< 250	< 1300	58 J	8900	< 250	12000	< 250	120 J	21078
11/20/2019	240-122631-6	624.1_L	< 130	< 130	< 130	< 130	< 630	< 63	4000	< 130	7500	< 130	170	11670
3/31/2020	240-128375-5	8260C	< 200	< 200	< 200	< 200	< 1000	< 200	1500	< 200	7500	< 200	< 200	9000
10/27/2020	240-139061-10	8260C	< 1000	< 1000	< 1000	< 1000	< 5000	< 1000	3400	< 1000	37000	< 1000	< 1000	40400
4/22/2021	240-148022-1	8260C	< 200	< 200	< 200	< 200	< 1000	< 200	470	< 200	5100	< 200	< 200	5570
6/28/2021	240-152161-2	8260C	< 200	< 200	< 200	< 200	< 1000	< 200	3600	< 200	27000 D	< 200	< 200	30600
7/26/2021	240-153555-3	8260C	< 1000	< 1000	< 1000	< 1000	< 5000	< 1000	18000	< 1000	14000	< 1000	< 1000	32000
8/23/2021	240-155061-3	8260C	< 330	< 330	< 330	< 330	< 1700	< 330	12000	< 330	10000	< 330	< 330	22000
10/25/2021	240-158968-1	8260C	< 4000	< 4000	< 4000	< 4000	< 20000	< 4000	44000	< 4000	97000	< 4000	2200 J	143200
4/14/2022	240-165119-1	8260C	< 200	< 200	< 200	< 200	< 1000	< 200	7000	< 200	8100	< 200	620	15720
3/23/2023	240-182590-22	8260D	< 200	< 200	< 200	< 200	< 1000	< 200	21000	< 200	14000	< 200	3000	38000

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D - Result reported from a secondary dilution analysis.
E - Concentration exceeds the calibration range; Result is estimated.
J - Indicates an estimated value.
µg/L - micrograms per liter

MONITORING WELL GROUNDWATER ANALYTICAL RESULT SUMMARY
FORMER CARBORUNDUM COMPANY
SANBORN, NEW YORK

Well ID: **B-9M**

Date	Lab Sample ID	Method	Carbon tetrachloride (µg/L)	Chloroform (µg/L)	1,1-Dichloroethane (µg/L)	1,1-Dichloroethene (µg/L)	Methylene chloride (µg/L)	trans-1,2-Dichloroethene (µg/L)	cis-1,2-Dichloroethene (µg/L)	1,1,1-Trichloroethane (µg/L)	Trichloroethene (µg/L)	Tetrachloroethene (µg/L)	Vinyl chloride (µg/L)	Total
1/1/1987		8260	< 0.2	0.8	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	0.4	< 5	3.6	4.8
4/1/1987		8260	< 0.2	< 0.2	< 0.2	< 0.2	1.3	< 0.2	< 0.2	< 0.2	< 0.2	< 5	< 0.2	1.3
7/1/1987		8260	< 0.2	< 0.2	< 0.4	< 0.4	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 5	< 0.6	0
10/1/1987		8260	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 5	< 0.4	0
2/1/1988		8260	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 5	< 0.2	0
8/1/1988		8260	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 5	< 0.4	0
1/1/1989		8260	< 0.1	< 5	< 0.07	< 0.1	< 0.1	< 0.1	< 1	< 0.03	2.4	0.1	< 0.2	2.5
4/1/1989		8260	< 0.1	< 0.05	0.3	< 0.03	< 0.1	< 0.1	11	< 0.03	20	< 0.3	1.3	32.6
7/1/1989		8260	< 1.2	< 0.5	< 0.7	< 1.3	< 2.5	< 1	< 1	< 0.3	< 1.2	< 0.3	< 1.8	0
10/1/1989		8260	< 1	< 0.5	< 0.7	< 1	< 1	< 1	< 1	< 1.3	< 1	1.6	< 1	1.6
1/1/1990		8260	< 1	< 0.5	< 0.7	< 1	< 5	< 1	< 1	< 0.3	< 1	0.4	< 1	0.4
4/1/1990		8260	< 1	< 0.5	< 0.7	< 1	< 5	< 1	< 1	< 0.3	< 1	< 0.3	< 1	0
7/1/1990		8260	< 1	< 0.5	< 0.7	< 1	< 5	< 1	< 1	< 0.3	< 1	< 0.3	< 1	0
10/1/1990		8260	< 1	< 0.5	< 0.7	1.5	< 1	< 1	5.6	4.5	< 1	1.6	< 1	13.2
1/1/1991		8260	< 1	< 0.5	< 0.7	< 1	< 5	< 1	< 1	< 0.3	< 1	< 0.3	< 1	0
5/1/1991		8260	< 1.2	< 0.5	< 0.7	< 1.3	< 2.5	< 1	< 1	< 0.3	< 1.2	< 0.3	< 1.8	0
7/1/1991		8260	< 1.2	< 0.5	< 0.7	< 1.3	< 2.5	< 1	< 1	< 0.5	< 1.2	1.5	< 1.8	1.5
10/1/1991		8260	< 1.2	< 0.5	< 0.7	< 1.3	< 2.5	< 1	< 1	< 0.3	< 1.2	< 1.2	< 1.8	0
1/1/1992		8260	< 1.2	< 0.5	< 0.7	< 1.3	< 2.5	< 1	< 1	< 0.3	< 1.2	2.2	< 1.8	2.2
4/1/1992		8260	< 1.2	< 0.5	< 0.7	< 1.3	< 2.5	< 1	< 1	< 0.3	2.2	< 0.3	< 1.8	2.2
7/1/1992		8260	< 1.2	< 0.5	< 0.7	< 1.3	< 2.5	< 1	< 1	< 0.3	< 1.2	< 0.3	< 1.8	0
10/1/1992		8260	< 1.2	< 0.5	< 0.7	< 1.3	< 2.5	< 1	< 1	< 0.3	< 1.2	1.9	< 1.8	1.9
1/1/1993		8260	< 1.2	< 0.5	< 0.7	< 1.3	< 2.5	< 1	< 1	0.67 *	< 1.2	0.33	< 1.8	1
3/30/1993		8260	< 1.2	< 0.5	< 0.7	< 1.3	< 2.5	< 1	< 1	< 0.5	< 1.2	0.32	< 1.8	0.32
6/28/1993		8260	< 1.2	< 0.5	< 0.7	< 1.3	< 2.5	< 1	< 1	< 0.5	2.5	2.3	< 1.8	4.8
7/7/1994		8260	< 1.2	< 0.5	< 0.7	< 1.3	< 2.5	< 1	< 1	< 0.5	< 1.2	1.8	< 1.8	1.8
7/17/2002	A2732703	8021	< 1.2	< 1	< 1	< 1	< 2.5	< 1	7.4	< 1	23	1.7	< 1.8	32.1
7/2/2003	A3639709	8021	< 1.2	< 1	< 1	< 1	< 2.5	< 1	1.4	< 1	2.8	< 1	< 1.8	4.2
6/29/2004	A4614511	8021	< 1.2	< 1	< 1	< 1	< 2.5	< 1	< 1	< 1	2	< 1	< 1.8	2
7/7/2005	A5706807	8260	< 1.2	< 1	< 1	< 1	< 2.5	< 1	2.7	< 1	5.4	1.4	< 1.8	9.5
10/24/2005	A5B97302	8260	< 1.2	< 1	< 1	< 1	< 2.5	< 1	< 1	< 1	1.3 B	< 1	< 1.8	1.3
1/24/2006	A6089109	8260	< 1.2	< 1	< 1	< 1	< 2.5	< 1	< 1	< 1	0.67 J	< 1	< 1.8	0.67
4/12/2006	6D13005-05	8260	< 1	< 1	< 1	< 1	< 2	< 1	< 1	< 1	< 1	< 1	< 2	0
7/13/2006	6G14009-05	8260	< 1	< 1	< 1	< 1	3	< 1	2	< 1	3	< 1	< 2	8
10/9/2006	6J10002-07	8260	< 1	< 1	< 1	< 1	< 2	< 1	1	< 1	4	< 1	< 2	5
1/5/2007	7A05012-03	8260	< 1	< 1	< 1	< 1	< 2	< 1	< 1	< 1	< 1	< 1	< 2	0
4/4/2007	7D05011-05	8260	< 1	< 1	< 1	< 1	< 2	< 1	< 1	< 1	< 1	< 1	< 2	0
7/10/2007	7G11015-03	8260	< 1	< 1	< 1	< 1	< 2	< 1	< 1	< 1	1	< 1	< 2	1
10/9/2007	7J10006-10	8260	< 1	< 1	< 1	< 1	< 2	< 1	2	< 1	< 1	< 1	< 2	2
1/7/2008	8A08003-03	8260	< 1	< 1	< 1	< 1	3	< 1	< 1	< 1	< 1	< 1	< 2	3
4/7/2008	8D08002-07	8260	< 1	< 1	< 1	< 1	2 B	< 1	< 1	< 1	< 1	< 1	< 2	2
7/16/2008	5417444	8260	< 1	< 0.8	< 1	< 0.8	< 2	< 0.8	< 0.8	< 0.8	< 1	< 0.8	< 1	0
1/21/2009	5582424	8260	< 1	< 0.8	< 1	< 0.8	< 2	< 0.8	< 0.8	< 0.8	< 1	< 0.8	< 1	0
4/16/2009	5649164	8260	< 1	< 0.8	< 1	< 0.8	< 2	< 0.8	< 0.8	< 0.8	< 1	< 0.8	< 1	0
7/7/2009	5718463	8260	< 1	< 0.8	< 1	< 0.8	< 2	< 0.8	< 0.8	< 0.8	< 1	< 0.8	< 1	0
10/6/2009	5799006	8260	< 1	< 0.8	< 1	< 0.8	< 2	< 0.8	< 0.8	< 0.8	< 1	< 0.8	< 1	0

< - Indicates parameter was analyzed for, but not detected at or above the reporting limit
To Address the NYSDEC concerns regarding the presentation and plotting of non-detected values, the data for 2001 to 2004 has been reevaluated and interpreted as follows:
1) Non-detected concentrations have been represented as '<' for reporting purposes.
2) Total VOCs have been recalculated and represented as the sum of the detected parameters shown on this table.
3) The method change to 8260 was approved by the NYSDEC and changed in January 2005.

B - The analyte is present in the associated method blank.
D - Result reported from a secondary dilution analysis.
E - Concentration exceeds the calibration range; Result is estimated.
J - Indicates an estimated value.
µg/L - micrograms per liter

Well ID: **B-9M**

Date	Lab Sample ID	Method	Carbon tetrachloride (µg/L)	Chloroform (µg/L)	1,1-Dichloroethane (µg/L)	1,1-Dichloroethene (µg/L)	Methylene chloride (µg/L)	trans-1,2-Dichloroethene (µg/L)	cis-1,2-Dichloroethene (µg/L)	1,1,1-Trichloroethane (µg/L)	Trichloroethene (µg/L)	Tetrachloroethene (µg/L)	Vinyl chloride (µg/L)	Total
1/20/2010	5888926	8260	< 1	< 0.8	< 1	< 0.8	< 2	< 0.8	< 0.8	< 0.8	< 1	< 0.8	< 1	0
4/6/2010	5946904	8260	< 1	< 0.8	< 1	< 0.8	< 2	< 0.8	< 0.8	< 0.8	< 1	< 0.8	< 1	0
7/12/2010	6030559	8260	< 1	< 0.8	< 1	< 0.8	< 2	< 0.8	0.85 J	< 0.8	1.7 J	< 0.8	< 1	2.55
1/24/2011	6190818	8260	< 1	< 0.8	< 1	< 0.8	< 2	< 0.8	< 0.8	< 0.8	< 1	< 0.8	< 1	0
4/12/2011	6256716	8260	< 1	< 0.8	< 1	< 0.8	< 2	< 0.8	< 0.8	< 0.8	< 1	< 0.8	< 1	0
7/12/2011	6342647	8260	< 1	< 0.8	< 1	< 0.8	< 2	< 0.8	< 0.8	< 0.8	1.1 J	< 0.8	< 1	1.1
10/10/2011	6433665	8260	< 1	< 0.8	< 1	< 0.8	< 2	< 0.8	2.3 J	< 0.8	5.4	4.1 J	< 1	11.8
1/17/2012	6524423	8260	< 1	< 0.8	< 1	< 0.8	< 2	< 0.8	< 0.8	< 0.8	< 1	< 0.8	< 1	0
4/3/2012	6605292	8260	< 1	< 0.8	< 1	< 0.8	< 2	< 0.8	< 0.8	< 0.8	< 1	< 0.8	< 1	0
7/11/2012	6717362	8260	< 1	< 0.8	< 1	< 0.8	< 2	< 0.8	< 0.8	< 0.8	1.1 J	< 0.8	< 1	1.1
10/4/2012	6814363	8260	< 1	< 0.8	< 1	< 0.8	< 2	< 0.8	< 0.8	< 0.8	2.7 J	2.5 J	< 1	5.2
1/17/2013	6926981	8260	< 1	< 0.8	< 1	< 0.8	< 2	< 0.8	< 0.8	< 0.8	< 1	< 0.8	< 1	0
4/8/2013	7015032	8260	< 1	< 0.8	< 1	< 0.8	< 2	< 0.8	< 0.8	< 0.8	< 1	< 0.8	< 1	0
7/2/2013	7117034	8260	< 1	< 0.8	< 1	< 0.8	< 2	< 0.8	< 0.8	< 0.8	3.2 J	< 0.8	< 1	3.2
11/11/2013	7273094	8260	< 1	< 0.8	< 1	< 0.8	< 2	< 0.8	< 0.8	< 0.8	1.1 J	< 0.8	< 1	1.1
1/17/2014	7341385	8260	< 1	< 0.8	< 1	< 0.8	< 2	< 0.8	< 0.8	< 0.8	< 1	< 0.8	< 1	0
4/14/2014	7430455	8260	< 0.5	< 0.5	< 0.5	< 0.5	< 2	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	0
7/9/2014	7527879	8260	< 0.5	< 0.5	< 0.5	< 0.5	< 2	< 0.5	< 0.5	< 0.5	2.1	0.78 J	< 0.5	2.88
10/3/2014	7625306	8260	< 0.5	< 0.5	< 0.5	< 0.5	< 2	< 0.5	0.79 J	< 0.5	2.6	2.5	< 0.5	5.89
1/8/2015	7734021	8260	< 0.5	< 0.5	< 0.5	< 0.5	< 2	< 0.5	< 0.5	< 0.5	3.5	9.3	< 0.5	12.8
4/14/2015	7847244	8260	< 0.5	< 0.5	< 0.5	< 0.5	< 2	< 0.5	2.8	< 0.5	5.4	< 0.5	< 0.5	8.2
7/7/2015	7958390	SW8260C	< 0.5	< 0.5	< 0.5	< 0.5	< 2	< 0.5	1.1	< 0.5	2.7	5.1	< 0.5	8.9
10/7/2015	8080777	SW8260C	< 0.5	< 0.5	< 0.5	< 0.5	< 2	< 0.5	1.2	< 0.5	1.2	2.2	< 0.5	4.6
1/5/2016	8197702	SW8260C	< 0.5	< 0.5	< 0.5	< 0.5	< 2	< 0.5	2.4	< 0.5	16	4.4	< 0.5	22.8
12/9/2016	240-73270-24	8260C	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	0.57 J	< 1.0	1.8	2.9	< 1.0	5.27
4/28/2017	240-78929-5	8260C	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	0.36 J	0.63 J	< 1.0	0.99
11/3/2017	240-87694-3	8260C	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	1.4	1.3	< 1.0	2.7
4/17/2018	240-94331-20	8260C	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	0.66 J	0.37 J	< 1.0	1.03
9/26/2018	240-102125-5	8260C	< 1.0	< 1.0	< 1.0	< 1.0	< 5.0	< 1.0	0.39 J	< 1.0	0.92 J	1	< 1.0	2.31
4/5/2019	240-110691-5	8260C	< 1.0	< 1.0	< 1.0	< 1.0	< 5.0	< 1.0	< 1.0	< 1.0	0.42 J	0.55 J	< 1.0	0.97
11/22/2019	240-122893-10	624.1_L	< 1.0	< 1.0	< 1.0	< 1.0	< 5.0	< 0.50	2.8	< 1.0	< 1.0	< 1.0	< 1.0	2.8
4/1/2020	240-128428-1	8260C	< 1.0	< 1.0	< 1.0	< 1.0	< 5.0	< 1.0	2.1	< 1.0	< 1.0	< 1.0	0.43 J	2.53
10/26/2020	240-139061-2	8260C	< 1.0	< 1.0	< 1.0	< 1.0	< 5.0	< 1.0	0.44 J	< 1.0	0.73 J	0.82 J	< 1.0	1.99
4/27/2021	240-148317-10	8260C	< 1.0	< 1.0	< 1.0	< 1.0	< 5.0	< 1.0	< 1.0	< 1.0	0.35 J	0.52 J	< 1.0	0.87
10/25/2021	240-159076-3	8260C	< 1.0	< 1.0	< 1.0	< 1.0	< 5.0	< 1.0	< 1.0	< 1.0	1.4	0.57 J	< 1.0	1.97
4/14/2022	240-165120-1	8260C	< 1.0	< 1.0	< 1.0	< 1.0	< 5.0	< 1.0	1.6	< 1.0	< 1.0	< 1.0	< 1.0	1.6
10/18/2022	240-175103-3	8260D	< 1.0	< 1.0	< 1.0	< 1.0	< 5.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	0
3/23/2023	240-182590-3	8260D	< 1.0	< 1.0	< 1.0	< 1.0	< 5.0	< 1.0	< 1.0	< 1.0	0.64 J	< 1.0	< 1.0	0.64
10/20/2023	240-194049-17	8260D	< 1.0	< 1.0	< 1.0	< 1.0	< 5.0	< 1.0	< 1.0	< 1.0	1.2	0.96 J	< 1.0	2.16

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3) The method change to 8260 was approved by the NYSDEC and changed in January 2005.

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D - Result reported from a secondary dilution analysis.
E - Concentration exceeds the calibration range; Result is estimated.
J - Indicates an estimated value.
µg/L - micrograms per liter

MONITORING WELL GROUNDWATER ANALYTICAL RESULT SUMMARY
FORMER CARBORUNDUM COMPANY
SANBORN, NEW YORK

Well ID: **B-10M**

Date	Lab Sample ID	Method	Carbon tetrachloride (µg/L)	Chloroform (µg/L)	1,1-Dichloroethane (µg/L)	1,1-Dichloroethene (µg/L)	Methylene chloride (µg/L)	trans-1,2-Dichloroethene (µg/L)	cis-1,2-Dichloroethene (µg/L)	1,1,1-Trichloroethane (µg/L)	Trichloroethene (µg/L)	Tetrachloroethene (µg/L)	Vinyl chloride (µg/L)	Total
1/1/1987		8260	< 0.2	< 0.4	0.4	0.2	< 0.2	< 5	24	2.5	48	< 5	0.8	75.9
4/1/1987		8260	< 0.2	< 0.2	0.7	0.5	< 0.2	< 5	50	7.8	83	< 5	< 0.2	142
7/1/1987		8260	< 0.6	< 2	2.7	1.8	< 0.2	< 5	170	13	240	< 5	< 0.6	427.5
10/1/1987		8260	< 0.8	< 1	1.3	0.8	< 0.2	< 5	53	6.2	80	< 5	< 0.4	141.3
2/1/1988		8260	< 0.2	< 0.2	2.5	0.4	0.2	< 5	18	12	32	< 5	< 0.2	65.1
8/1/1988		8260	< 0.2	< 0.2	5.2	< 0.2	< 0.2	< 5	190	22	160	< 5	< 0.4	377.2
11/1/1988		8260	< 1	< 1	4	< 1	< 1	< 5	160	17	70	< 5	< 1	251
1/1/1989		8260	< 0.1	< 5	0.8	0.4	< 0.1	0.9	18	8.9	5.2	0.03	0.2	34.43
4/1/1989		8260	< 0.1	< 0.05	1.5	1.6	< 0.1	0.6	29	< 0.03	110	< 0.03	0.2	142.9
7/1/1989		8260	< 1.2	< 0.5	< 1.1	< 1.3	< 2.5	1	46	7.2	150	< 0.3	< 1.8	204.2
10/1/1989		8260	< 1	< 0.5	1.7	1.4	< 1	5.2	48	10	81	< 0.3	< 1	147.3
1/1/1990		8260	< 5	< 2.5	< 3.5	< 5	< 25	< 5	53	12	150	< 1.5	< 5	215
4/1/1990		8260	< 5	< 2.5	< 3.5	< 5	< 25	< 5	22	2.8	75	< 1.5	< 5	99.8
7/1/1990		8260	< 1	< 0.5	2.1	< 1	< 5	< 1	37	17	140	< 0.3	< 1	196.1
10/1/1990		8260	< 1	2.1	2.4	6.8	< 1	1.5	52	21	200	< 0.3	< 1	285.8
1/1/1991		8260	< 1	0.6	< 0.7	< 1	< 5	< 1	< 1	12	70	< 0.3	3.3	85.9
5/1/1991		8260	< 6	< 2.5	< 3.5	< 6.5	< 12	< 5	18	6.1	120	< 1.5	< 9	144.1
7/1/1991		8260	< 6	7.9	< 3.5	< 6.5	< 13	< 5	17	12	160	< 1.5	< 9	196.9
10/1/1991		8260	< 6	< 2.5	< 3.5	< 6.5	< 13	< 5	23	3.5	96	< 1.5	< 9	122.5
1/1/1992		8260	< 12	< 5	< 7	< 13	< 25	< 10	54	14	140	< 3	< 18	208
4/1/1992		8260	< 12	< 5	< 7	< 13	< 25	< 10	16	6.4	110	< 3	< 18	132.4
7/1/1992		8260	< 12	< 5	< 7	< 13	< 25	< 5	< 5	7.4	120	< 3	< 18	127.4
10/1/1992		8260	< 1.2	0.51	0.63	< 1.3	< 2.5	0.87	16	6.7	140	< 0.3	< 1.8	164.71
1/1/1993		8260	< 1.2	< 0.5	< 0.7	< 1.3	< 2.5	< 1	14	4.8	86	< 0.3	< 1.8	104.8
3/30/1993		8260	< 1.2	< 0.5	0.97	< 1.3	< 2.5	< 1	16	4.9	44	< 0.3	< 1.8	65.87
6/29/1993		8260	< 1.2	< 0.5	0.98	< 1.3	< 2.5	< 1	16	5.8	53	< 0.3	< 1.8	75.78
10/5/1993		8260	< 1.2	< 0.5	< 0.7	< 1.3	< 2.5	< 1	16	2	50	< 0.3	< 1.8	68
7/6/1994		8260	< 1.2	< 0.5	1.5	< 1.3	< 2.5	1.2	31	7.8	410	< 0.3	< 1.8	451.5
6/27/1995		8260	< 1	< 1	< 1	< 1	< 1	< 1	21	3.8	62	< 1	< 2	86.8
7/16/1996		8260	< 1.2	0.9	< 1	< 0.7	< 2.5	1.4	38	7.2	73	< 0.79	< 1.8	120.5
7/9/1997		8260	< 1.2	0.6	< 1	< 0.7	< 2.5	2	35	5.5	83	< 0.79	< 1.8	126.1
7/23/1998		8260	< 1.2	< 0.5	< 1	< 0.7	< 2.5	1	35	5.5	69	< 0.79	< 1.8	110.5
7/20/1999		8260	< 1.2	0.6 J	2 J	1.6	< 2.5	2.9	43	11	110	< 0.79	< 1.8	171.1
7/17/2000	A0500407	8021	< 1.2	< 1	< 1	< 1	< 2.5	< 1	6.5	2.1	37	< 1	< 1.8	45.6
7/10/2001	A1648708	8021	< 1.2	< 1	0.72 J	< 1	1.1 J	0.64 J	21	4.3	43	< 1	< 1.8	70.76
7/16/2002	A2722907	8021	< 1.2	< 1	< 1	< 1	2.6	< 1	14	4.3	56	< 1	< 1.8	76.9
4/25/2003	A3389601	8021	< 1.2	< 1	< 1	< 1	1.5 J	< 1	10	3.6	52	< 1.3	< 1.8	67.1
7/18/2003	A3689004	8021	< 1.2	< 1	< 1	< 1	< 2.5	< 1	7.4	2.6	40	< 1.3	< 1.8	50
10/22/2003	A3A21906	8021	< 1.2	< 1	< 1	< 1	< 2.5	< 1	19	5.1	92	< 1	< 1.8	116.1
4/29/2004	A4402501	8021	< 1.2	< 1	< 1	< 1	< 2.5	< 1	10	3.8	59	< 1	< 1.8	72.8
7/16/2004	A4674302	8021	< 1.2	< 1	1.3	< 1	3.8 E	1.9 E	7.6 E	3.7 E	45 E	< 1	< 1.8	63.3
7/16/2004	A4674302	8260	< 1.2	< 1	< 1	< 1	1.3 J	< 1	4.6	2	36	< 1	< 1.8	43.9
10/15/2004	A4A20301	8021	< 1	< 1	< 1	< 1	1.3	0.51 J	12	4.1	39	< 1	< 1	56.91
4/19/2005	A5387402	8260	< 1.2	< 1	< 1	< 1	< 2.5	0.49 J	6	3.5	40 D	< 1	< 1.8	49.99
7/20/2005	A5762302	8260/5M	< 1.2	< 1	0.7 J	< 1	< 2.5	0.75 J	9.1	4.8	45	< 1	< 1.8	60.35
10/24/2005	A5B97303	8260	< 1.2	< 1	0.67 J	< 1	< 2.5	0.63 J	11	4.6	55 B	< 1	< 1.8	71.9

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To Address the NYSDEC concerns regarding the presentation and plotting of non-detected values, the data for 2001 to 2004 has been reevaluated and interpreted as follows:

1) Non-detected concentrations have been represented as '<' for reporting purposes.
2) Total VOCs have been recalculated and represented as the sum of the detected parameters shown on this table.
3) The method change to 8260 was approved by the NYSDEC and changed in January 2005.

B - The analyte is present in the associated method blank.
D - Result reported from a secondary dilution analysis.
E - Concentration exceeds the calibration range; Result is estimated.
J - Indicates an estimated value.
µg/L - micrograms per liter

Well ID: **B-10M**

Date	Lab Sample ID	Method	Carbon tetrachloride (µg/L)	Chloroform (µg/L)	1,1-Dichloroethane (µg/L)	1,1-Dichloroethene (µg/L)	Methylene chloride (µg/L)	trans-1,2-Dichloroethene (µg/L)	cis-1,2-Dichloroethene (µg/L)	1,1,1-Trichloroethane (µg/L)	Trichloroethene (µg/L)	Tetrachloroethene (µg/L)	Vinyl chloride (µg/L)	Total
4/19/2006	6D20002-02	8260	< 1	< 1	< 1	< 1	< 2	< 1	5	3	30	< 1	< 2	38
7/18/2006	6G19003-01	8260	< 1	< 1	< 1	< 1	4 B	< 1	13	6	42	< 1	< 2	65
10/11/2006	6J12003-07	8260	< 1	< 1	< 1	< 1	< 2	< 1	9	5	53	< 1	< 2	67
4/18/2007	7D19009-02	8260	< 1	< 1	< 1	< 1	< 2	< 1	4	3	27	< 1	< 2	34
7/10/2007	7G11015-04	8260	< 1	< 1	< 1	< 1	< 2	< 1	6	4	36	< 1	< 2	46
10/9/2007	7J10006-11	8260	< 1	< 1	< 1	< 1	< 2	1	15	5	51	< 1	< 2	72
4/9/2008	8D10002-01	8260	< 1	< 1	< 1	< 1	3	< 1	7	3	58	< 1	< 2	71
7/24/2008	5424625	8260	< 1	< 0.8	< 1	< 0.8	< 2	0.81 J	8.4	4.2 J	43	< 0.8	< 1	56.41
10/20/2008	5504259	8260	< 1	< 0.8	< 1	< 0.8	< 2	0.98 J	12	5.1	61	< 0.8	< 1	79.08
4/20/2009	5651166	8260	< 1	< 0.8	< 1	< 0.8	< 2	< 0.8	5	3 J	35	< 0.8	< 1	43
7/7/2009	5718465	8260	< 1	< 0.8	< 1	< 0.8	< 2	< 0.8	5.5	2.9 J	35	< 0.8	< 1	43.4
10/6/2009	5799010	8260	< 1	< 0.8	< 1	< 0.8	< 2	< 0.8	6.5	3.6 J	46	< 0.8	< 1	56.1
4/14/2010	5954139	8260	< 1	< 0.8	< 1	< 0.8	< 2	< 0.8	3.9 J	2.4 J	31	< 0.8	< 1	37.3
7/12/2010	6030558	8260	< 1	< 0.8	< 1	< 0.8	< 2	< 0.8	5.1	2.8 J	30	< 0.8	< 1	37.9
10/18/2010	6115530	8260	< 1	< 0.8	< 1	< 0.8	< 2	1.3 J	16	4.8 J	66	< 0.8	< 1	88.1
4/21/2011	6266005	8260	< 1	< 0.8	< 1	< 0.8	< 2	< 0.8	3.3 J	1.6 J	27	< 0.8	< 1	31.9
7/20/2011	6352277	8260	< 1	< 0.8	< 1	< 0.8	< 2	< 0.8	4.1 J	2.5 J	32	< 0.8	< 1	38.6
10/10/2011	6433666	8260	< 1	< 0.8	< 1	< 0.8	< 2	< 0.8	8.3	3.3 J	46	< 0.8	< 1	57.6
4/5/2012	6608275	8260	< 1	< 0.8	< 1	< 0.8	< 2	< 0.8	2.4 J	1.3 J	32	< 0.8	< 1	35.7
7/11/2012	6717352	8260	< 1	< 0.8	< 1	< 0.8	< 2	< 0.8	5.4	3.2 J	32	< 0.8	< 1	40.6
10/4/2012	6814364	8260	< 1	< 0.8	< 1	< 0.8	< 2	0.86 J	9.4	4 J	44	< 0.8	< 1	58.26
4/2/2013	7007576	8260	< 1	< 0.8	< 1	< 0.8	< 2	< 0.8	3.1 J	2.3 J	27	< 0.8	< 1	32.4
7/2/2013	7117035	8260	< 1	< 0.8	< 1	< 0.8	< 2	< 0.8	3.2 J	2.1 J	28	< 0.8	< 1	33.3
11/14/2013	7278188	8260	< 1	< 0.8	< 1	< 0.8	< 2	< 0.8	< 0.8	1.7 J	22	< 0.8	< 1	23.7
4/22/2014	7439163	8260	< 0.5	< 0.5	< 0.5	< 0.5	< 2	< 0.5	1.9	1.8	19	< 0.5	< 0.5	22.7
7/9/2014	7527878	8260	< 0.5	< 0.5	< 0.5	< 0.5	< 2	< 0.5	1.7	1.8	20	< 0.5	< 0.5	23.5
10/3/2014	7625300	8260	< 0.5	< 0.5	< 0.5	< 0.5	< 2	< 0.5	1.6	1.5	19	< 0.5	< 0.5	22.1
4/21/2015	7856502	8260	< 0.5	< 0.5	< 0.5	< 0.5	< 2	< 0.5	3	1.9	21	< 0.5	< 0.5	25.9
7/7/2015	7958384	SW8260C	< 0.5	< 0.5	< 0.5	< 0.5	< 2	< 0.5	2.2	1.4	15	< 0.5	< 0.5	18.6
10/6/2015	8079112	SW8260C	< 0.5	< 0.5	0.86 J	< 0.5	< 2	0.89 J	9.6	4.4	43	< 0.5	< 0.5	58.75
12/8/2016	240-73270-15	8260C	< 1.4	< 1.4	0.89 J	0.46 J	< 1.4	0.74 J	9.7	3.7	39	< 1.4	< 1.4	54.49
4/28/2017	240-78929-3	8260C	< 1.0	< 1.0	0.38 J	< 1.0	< 1.0	< 1.0	3	2.1	21	< 1.0	< 1.0	26.48
4/16/2018	240-94331-6	8260C	< 1.0	< 1.0	0.31 J	0.41 J	< 1.0	< 1.0	2	2	17	< 1.0	< 1.0	21.72
4/5/2019	240-110691-4	8260C	< 1.0	< 1.0	0.48 J	0.19 J	< 5.0	0.25 J	2.7	2.6	18	< 1.0	< 1.0	24.22
3/31/2020	240-128375-4	8260C	< 1	< 1	0.23 J	< 1.0	< 5	< 1.0	1.5	2.1	14	< 1.0	< 1.0	17.83
4/26/2021	240-148317-7	8260C	< 1.0	< 1.0	0.29 J	< 1.0	< 5.0	0.27 J	1.7 D	2.1	14 D	< 1.0	< 1.0	18.36
4/13/2022	240-165065-7	8260C	< 1.0	< 1.0	< 1.0	< 1.0	< 5.0	< 1.0	1.1	1.7	11	< 1.0	< 1.0	13.8
3/23/2023	240-182590-23	8260D	< 1.0	< 1.0	< 1.0	< 1.0	< 5.0	< 1.0	1.2	1.7	13	< 1.0	< 1.0	15.9

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2) Total VOCs have been recalculated and represented as the sum of the detected parameters shown on this table.
3) The method change to 8260 was approved by the NYSDEC and changed in January 2005.

B - The analyte is present in the associated method blank.
D - Result reported from a secondary dilution analysis.
E - Concentration exceeds the calibration range; Result is estimated.
J - Indicates an estimated value.
µg/L - micrograms per liter

MONITORING WELL GROUNDWATER ANALYTICAL RESULT SUMMARY
FORMER CARBORUNDUM COMPANY
SANBORN, NEW YORK

Well ID: **B-11M**

Date	Lab Sample ID	Method	Carbon tetrachloride (µg/L)	Chloroform (µg/L)	1,1-Dichloroethane (µg/L)	1,1-Dichloroethene (µg/L)	Methylene chloride (µg/L)	trans-1,2-Dichloroethene (µg/L)	cis-1,2-Dichloroethene (µg/L)	1,1,1-Trichloroethane (µg/L)	Trichloroethene (µg/L)	Tetrachloroethene (µg/L)	Vinyl chloride (µg/L)	Total
1/1/1987		8260	< 0.2	< 0.4	< 0.2	< 0.2	< 0.2	< 5	26	0.2	440	< 5	< 0.2	466.2
4/1/1987		8260	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 5	39	< 0.2	170	< 5	< 0.2	209
7/1/1987		8260	< 0.4	< 20	< 0.4	1.3	< 0.2	< 5	310	2.2	2100	< 5	< 0.6	2413.5
10/1/1987		8260	< 1	< 4	< 1	< 1	< 1	< 5	150	< 1	4500	< 5	< 2	4650
2/1/1988		8260	< 1	< 1	< 1	< 1	< 6	< 5	120	< 1	650	< 5	< 1	770
8/1/1988		8260	< 1	< 1	< 1	< 1	< 1	< 5	350	< 1	1200	< 5	< 2	1550
11/1/1988		8260	< 1	< 1	< 1	< 1	< 1	< 5	110	< 1	1900	< 5	< 1	2010
1/1/1989		8260	< 0.1	< 5	< 0.07	< 0.1	< 0.1	0.6	23	< 0.03	540	9.9	< 0.2	573.5
4/1/1989		8260	< 0.1	< 0.05	< 0.07	< 0.03	< 0.1	< 0.1	9	< 0.03	520	3.3	< 0.2	532.3
7/1/1989		8260	< 1.2	1.1	< 0.7	< 1.3	< 2.5	< 1	9.9	< 0.3	290	3.1	< 1.8	304.1
10/1/1989		8260	< 10	< 5	< 7	< 10	< 10	5.4	80	< 3	1600	20	< 10	1705.4
1/1/1990		8260	< 1	2.2	< 0.7	< 1	8	1.8	23	< 0.3	360	6.6	< 1	401.6
4/1/1990		8260	< 1	< 0.5	< 0.7	< 1	< 5	< 1	11	< 0.3	130	3.3	< 1	144.3
7/1/1990		8260	< 10	< 5	< 7	< 10	< 50	< 10	140	< 3	2900	100	< 10	3140
10/1/1990		8260	< 10	< 5	< 7	< 10	< 5	< 10	67	< 3	1100	3.7	< 10	1170.7
1/1/1991		8260	< 1	< 0.5	< 0.7	< 1	< 5	< 1	30	< 3	380	5.5	< 1	415.5
5/1/1991		8260	< 12	< 5	< 7	< 13	< 25	< 10	18	< 3	300	< 3	< 18	318
7/1/1991		8260	< 12	< 5	< 7	< 13	< 25	< 10	130	< 3.1	3900	150	< 18	4180
10/1/1991		8260	< 12	< 5	< 7	< 13	< 25	< 10	52	< 3	530	9.8	< 18	591.8
1/1/1992		8260	< 120	< 50	< 70	< 130	< 250	< 100	< 100	< 30	400	< 30	< 180	400
4/1/1992		8260	< 120	< 50	< 70	< 130	< 250	< 100	< 100	< 30	230	< 30	< 180	230
7/1/1992		8260	< 120	< 50	< 70	< 130	< 250	< 100	< 100	< 50	4500	< 30	< 180	4500
10/1/1992		8260	< 1.2	0.64	< 0.7	< 1.3	< 2.5	4.1	83	0.41	810	11	< 1.8	909.15
1/1/1993		8260	< 12	< 5	< 7	< 13	< 25	< 10	110	6.2 *	1800	92	< 18	2008.2
3/30/1993		8260	< 1.2	< 0.5	< 0.7	< 1.3	< 2.5	< 1	19	< 0.5	150	5.1	< 1.8	174.1
5/5/1993		8260	< 1.2	0.85	< 0.7	< 1.3	< 2.5	4.5	120	1.2	1100	24	< 1.8	1250.55
6/4/1993		8260	< 12	< 5	< 7	< 13	44	< 10	95	< 5	2300	34	< 18	2473
6/29/1993		8260	< 1.2	0.51	< 0.7	< 1.3	< 2.5	2.9	100	2.3	1100	14	< 1.8	1219.71
8/5/1993		8260	< 12	< 5	< 7	< 13	< 25	< 10	32	< 5	590	5.4	< 18	627.4
9/1/1993		8260	< 12	< 5	< 7	< 13	< 25	< 10	46	< 5	670	5.4	< 18	721.4
10/5/1993		8260	< 12	< 5	< 7	< 13	< 25	< 10	41	< 50	680	9.5	< 18	730.5
7/6/1994		8260	< 1.2	< 0.5	< 0.7	< 1.3	< 2.5	2.1	37	0.75	460	5.9	2.9	508.65
6/27/1995		8260	< 20	< 20	< 20	< 20	< 20	< 20	20	< 20	1700	< 20	< 40	1720
7/16/1996		8260	< 12	< 5	< 10	< 7	< 25	< 10	21	< 6.4	710	< 7.9	< 18	731
7/9/1997		8260	< 12	6.7	< 10	< 7	< 25	< 10	15	< 6.4	750	< 7.9	< 18	771.7
7/23/1998		8260	< 12	< 5	< 10	< 7	< 25	< 10	13	< 6.4	660	< 7.9	< 18	673
7/20/1999		8260	< 12	< 5	< 10	< 7	< 25	< 10	12	< 6.4	310	< 7.9	< 18	322
7/13/2000	A0492202	8021	< 4	< 4	< 4	< 4	9.7	< 4	27	< 4	430	< 4	< 4	466.7
7/10/2001	A1648706	8021	< 4	< 4	< 4	< 4	12	< 4	21	< 4	270	< 4	< 4	303
7/16/2002	A2722909	8021	< 20	< 20	< 20	< 20	< 20	< 20	230	< 20	1500	< 20	< 20	1730
7/10/2003	A3654302	8021	< 14	< 4.6	< 5	< 8.2	< 18	< 7.7	160	< 9.3	990	< 16	< 6.5	1150
7/7/2004	A4636802	8021	< 14	< 2.5	< 2.1	< 8.2	< 4.5	< 5	200	< 3	1600	35	< 8.9	1835
7/14/2005	A5740602	8260/5M	< 1.2	< 1	< 1	1.4	< 2.5	2.7	310 D	< 1	2000 D	87	1.3 J	2402.4
7/14/2006	6G14010-04	8260	< 10	< 10	< 10	< 10	< 20	< 10	189	< 10	1090	30	< 20	1309
7/16/2007	7G17015-08	8260	< 10	< 10	< 10	< 10	< 20	< 10	155	< 10	1150	67	< 20	1372
7/24/2008	5424624	8260	< 1	< 0.8	< 1	< 0.8	< 2	0.87 J	170	< 0.8	700	21	< 1	891.87

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2) Total VOCs have been recalculated and represented as the sum of the detected parameters shown on this table.
3) The method change to 8260 was approved by the NYSDEC and changed in January 2005.

B - The analyte is present in the associated method blank.
D - Result reported from a secondary dilution analysis.
E - Concentration exceeds the calibration range; Result is estimated.
J - Indicates an estimated value.
µg/L - micrograms per liter

Well ID: **B-11M**

Date	Lab Sample ID	Method	Carbon tetrachloride (µg/L)	Chloroform (µg/L)	1,1-Dichloroethane (µg/L)	1,1-Dichloroethene (µg/L)	Methylene chloride (µg/L)	trans-1,2-Dichloroethene (µg/L)	cis-1,2-Dichloroethene (µg/L)	1,1,1-Trichloroethane (µg/L)	Trichloroethene (µg/L)	Tetrachloroethene (µg/L)	Vinyl chloride (µg/L)	Total
7/7/2009	5718478	8260	< 1	< 0.8	< 1	< 0.8	< 2	1.8 J	76	< 0.8	470	21	< 1	568.8
7/12/2010	6030557	8260	< 1	< 0.8	< 1	< 0.8	< 2	1.5 J	83	< 0.8	500	26	< 1	610.5
7/18/2011	6348762	8260	< 1	< 0.8	< 1	< 0.8	< 2	2.1 J	60	< 0.8	370	20	< 1	452.1
7/10/2012	6716079	8260	< 1	< 0.8	< 1	< 0.8	< 2	1.4 J	27	< 0.8	270	15	< 1	313.4
7/2/2013	7117036	8260	< 1	< 0.8	< 1	< 0.8	< 2	< 0.8	4.3 J	< 0.8	81	4.4 J	< 1	89.7
7/9/2014	7527874	8260	< 0.5	21	< 0.5	< 0.5	< 2	< 0.5	< 0.5	< 0.5	2.3	< 0.5	< 0.5	23.3
7/6/2015	7956058	SW8260C	< 0.5	2.2	< 0.5	< 0.5	< 2	1	38	< 0.5	380	23	< 0.5	444.2
12/12/2016	240-73361-3	8260C	< 2.5	0.98 J	< 2.5	< 2.5	3.6	< 2.5	3.3	< 2.5	62	1.5 J	< 2.5	71.38
5/1/2017	240-78974-2	8260C	< 2.5	< 2.5	< 2.5	< 2.5	< 2.5	< 2.5	6.7	< 2.5	91	3.4	< 2.5	101.1
4/13/2018	240-94116-19	8260C	< 3.3	< 3.3	< 3.3	< 3.3	7.5	< 3.3	11	< 3.3	100	3.3	< 3.3	121.8
4/5/2019	240-110691-2	8260C	< 2.5	< 2.5	< 2.5	< 2.5	< 13	< 2.5	6.2	< 2.5	63	2.1 J	< 2.5	71.3
4/1/2020	240-128428-3	8260C	< 10	< 10	< 10	< 10	< 50	< 10	16	< 10	190	7.4 J	< 10	213.4
4/27/2021	240-148317-8	8260C	< 10	< 10	< 10	< 10	< 50	< 10	23	< 10	210	9.6 J	< 10	242.6
4/13/2022	240-165065-6	8260C	< 3.3	< 3.3	< 3.3	< 3.3	< 17	< 3.3	9.6	< 3.3	140	9.1	< 3.3	158.7
3/23/2023	240-182590-28	8260D	< 2.0	< 2.0	< 2.0	< 2.0	< 10	< 2.0	7.3	< 2.0	98	5.2	< 2.0	110.5

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3) The method change to 8260 was approved by the NYSDEC and changed in January 2005.

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D - Result reported from a secondary dilution analysis.
E - Concentration exceeds the calibration range; Result is estimated.
J - Indicates an estimated value.
µg/L - micrograms per liter

MONITORING WELL GROUNDWATER ANALYTICAL RESULT SUMMARY
FORMER CARBORUNDUM COMPANY
SANBORN, NEW YORK

Well ID: **B-12M**

Date	Lab Sample ID	Method	Carbon tetrachloride (µg/L)	Chloroform (µg/L)	1,1-Dichloroethane (µg/L)	1,1-Dichloroethene (µg/L)	Methylene chloride (µg/L)	trans-1,2-Dichloroethene (µg/L)	cis-1,2-Dichloroethene (µg/L)	1,1,1-Trichloroethane (µg/L)	Trichloroethene (µg/L)	Tetrachloroethene (µg/L)	Vinyl chloride (µg/L)	Total
1/1/1987		8260	< 0.4	< 2	11	< 0.8	< 0.2	< 5	95	13	80	< 5	4.8	203.8
4/1/1987		8260	< 0.2	< 0.2	7	< 0.2	< 0.2	< 5	91	7.8	130	< 5	< 0.2	235.8
7/1/1987		8260	< 20	< 400	250	< 40	61	< 5	11000	490	10000	< 5	62	21863
10/1/1987		8260	< 20	< 50	120	10	10	< 5	1600	140	9900	< 5	44	11824
2/1/1988		8260	< 1	< 4	15	< 2	< 1	< 5	280	20	890	< 5	13	1218
8/1/1988		8260	< 1	< 1	46	< 1	< 1	< 5	390	56	840	< 5	76	1408
11/1/1988		8260	< 10	< 10	120	38	< 10	< 5	6600	270	2200	< 5	1400	10628
1/1/1989		8260	< 1.2	< 5	47	7	0.8	23	700	80	870	< 0.3	28	1755.8
4/1/1989		8260	< 0.1	< 0.05	7	1.5	< 0.1	1.4	40	< 0.03	150	< 0.03	< 0.2	199.9
7/1/1989		8260	< 1.2	< 0.5	21	1.3	< 2.5	< 1	370	< 0.3	570	< 0.3	55	1017.3
10/1/1989		8260	< 25	< 13	160	23	< 25	14	1000	230	2500	< 7.5	100	4027
1/1/1990		8260	< 25	< 13	38	< 25	< 130	< 25	440	31	890	< 7.5	< 25	1399
4/1/1990		8260	< 5	< 2.5	25	< 5	< 25	< 5	240	26	410	< 1.5	< 5	701
7/1/1990		8260	< 5	< 2.5	41	< 5	< 25	< 5	490	29	640	< 1.5	32	1232
10/1/1990		8260	< 5	< 2.5	2200	73	< 5	17	1100	210	2200	< 1.5	75	5875
1/1/1991		8260	< 5	< 2.5	46	7.6	< 25	5	380	43	810	< 1.5	14	1305.6
5/1/1991		8260	< 120	< 50	< 70	< 130	< 25	< 100	370	42	910	< 30	< 180	1322
7/1/1991		8260	< 120	< 50	< 70	< 130	< 250	< 100	220	130	970	< 30	< 180	1320
10/1/1991		8260	< 1200	< 500	< 700	< 1300	< 2500	< 1000	6600	< 300	7800	< 300	< 1800	14400
1/1/1992		8260	< 240	< 100	360	< 260	< 500	< 200	5800	540	8600	< 60	< 360	15300
4/1/1992		8260	< 240	< 100	< 140	< 260	< 500	< 200	580	< 60	1600	< 60	< 360	2180
7/1/1992		8260	< 120	< 50	< 70	< 130	< 250	< 100	570	< 100	1200	< 30	< 180	1770
10/1/1992		8260	< 12	< 5	14	< 13	< 25	< 10	310	27	810	< 3	< 18	1161
1/1/1993		8260	< 12	< 5	50	< 13	< 25	< 10	440	20	670	< 3	< 18	1180
3/30/1993		8260	< 12	< 5	58	19	< 25	15	2400	39	560	< 3	440	3531
6/3/1993		8260	< 12	< 5	120	56	30	78	12000	95	2200	< 3	1100	15679
6/28/1993		8260	< 24	< 10	120	< 26	< 50	42	5800	100	590	< 6	490	7142
7/18/2002	A2732704	8021	< 1.2	< 1	1	< 1	< 2.5	< 1	30	1.4	74	< 1	< 1.8	106.4
7/2/2003	A3639710	8021	< 1.2	< 1	8.3	1.8	< 2.5	3.8	87 D	26	82	< 1	< 1.8	208.9
6/29/2004	A4614512	8021	< 2.9	< 1	4	< 1.6	< 2.5	2.7	71	8.3	240	< 1	< 1.8	326
7/8/2005	A5715203	8260/5M	< 1.2	< 1	0.56 J	< 1	< 2.5	< 1	7.3	1.1	30	< 1	< 1.8	38.96
7/18/2006	6G19003-15	8260	< 1	< 1	9	3	5 B	4	164	8	581 D	< 1	6	780
7/9/2007	7G10002-04	8260	< 1	< 1	1	< 1	< 2	< 1	20	2	77	< 1	< 2	100
7/16/2008	5417452	8260	< 2	< 1.6	69	13	< 4	7.8 J	560	110	1600	< 1.6	17	2376.8
7/13/2009	5722292	8260	< 2	< 1.6	37	4.3 J	< 4	7.1 J	290	78	660	< 1.6	< 2	1076.4
7/12/2010	6030550	8260	< 2	< 1.6	34	8.5 J	< 4	6.4 J	370	64	1700	< 1.6	2.1 J	2185
7/13/2011	6343978	8260	< 2	< 1.6	8.9 J	2.7 J	< 4	3.2 J	120	14	650	< 1.6	< 2	798.8
7/16/2012	6722027	8260	< 1	< 0.8	29	7.8	< 2	8.6	280	35	1700	< 0.8	< 1	2060.4
7/9/2013	7122571	8260	< 1	< 0.8	4.7 J	1.8 J	< 2	2.1 J	80	8.8	490	< 0.8	< 1	587.4
7/8/2014	7526296	8260	< 0.5	< 0.5	2.4	1.1	< 2	1.5	53	2.7	320	< 0.5	< 0.5	380.7
7/8/2015	7960011	SW8260C	< 0.5	< 0.5	< 0.5	< 0.5	< 2	< 0.5	1	< 0.5	7.9	< 0.5	< 0.5	8.9
5/2/2017	240-79083-3	8260C	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	14	1.1 J	140	< 4.0	< 4.0	155.1
11/2/2017	240-87694-1	8260C	< 4.0	< 4.0	2.7 J	< 4.0	< 4.0	1.5 J	53	4.3	300 D	< 4.0	< 4.0	361.5
4/17/2018	240-94331-13	8260C	< 2.5	< 2.5	< 2.5	< 2.5	< 2.5	< 2.5	10	0.79 J	82	< 2.5	< 2.5	92.79
4/9/2019	240-110803-17	8260C	< 10	< 10	8.2 J	2.2 J	< 50	< 10	49	54	250	< 10	< 10	363.4
11/22/2019	240-122893-9	624.1_L	< 4.0	< 4.0	2.7 J	1.1 J	< 20	0.93 J	39	12	200	< 4.0	< 4.0	255.73

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2) Total VOCs have been recalculated and represented as the sum of the detected parameters shown on this table.
3) The method change to 8260 was approved by the NYSDEC and changed in January 2005.

B - The analyte is present in the associated method blank.
D - Result reported from a secondary dilution analysis.
E - Concentration exceeds the calibration range; Result is estimated.
J - Indicates an estimated value.
µg/L - micrograms per liter

Well ID: **B-12M**

Date	Lab Sample ID	Method	Carbon tetrachloride (µg/L)	Chloroform (µg/L)	1,1-Dichloroethane (µg/L)	1,1-Dichloroethene (µg/L)	Methylene chloride (µg/L)	trans-1,2-Dichloroethene (µg/L)	cis-1,2-Dichloroethene (µg/L)	1,1,1-Trichloroethane (µg/L)	Trichloroethene (µg/L)	Tetrachloroethene (µg/L)	Vinyl chloride (µg/L)	Total
4/1/2020	240-128428-2	8260C	< 5.0	< 5.0	1.7 J	< 5.0	< 25	< 5.0	26	5	150	< 5.0	< 5.0	182.7
4/23/2021	240-148185-3	8260C	< 5.0	< 5.0	2.7 J	1.2 J	< 25	1.2 J	71	4.9 J	440 D	< 5.0	< 5.0	521
10/28/2021	240-159076-15	8260C	< 10	< 10	6.5 J	< 10	< 50	< 10	150	27	1100 D	< 10	< 10	1283.5
4/14/2022	240-165119-7	8260C	< 4.0	< 4.0	< 4.0	< 4.0	< 20	< 4.0	29	2.4 J	160	< 4.0	< 4.0	191.4
3/23/2023	240-182590-4	8260D	< 10	< 10	< 10	< 10	< 50	< 10	29	< 10	160	< 10	< 10	189
10/18/2023	240-194049-9	8260D	< 10	< 10	< 10	< 10	< 50	< 10	110	< 10	630	< 10	< 10	740

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2) Total VOCs have been recalculated and represented as the sum of the detected parameters shown on this table.
3) The method change to 8260 was approved by the NYSDEC and changed in January 2005.

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E - Concentration exceeds the calibration range; Result is estimated.
J - Indicates an estimated value.
µg/L - micrograms per liter

MONITORING WELL GROUNDWATER ANALYTICAL RESULT SUMMARY
FORMER CARBORUNDUM COMPANY
SANBORN, NEW YORK

Well ID: B-13M

Date	Lab Sample ID	Method	Carbon tetrachloride (µg/L)	Chloroform (µg/L)	1,1-Dichloroethane (µg/L)	1,1-Dichloroethene (µg/L)	Methylene chloride (µg/L)	trans-1,2-Dichloroethene (µg/L)	cis-1,2-Dichloroethene (µg/L)	1,1,1-Trichloroethane (µg/L)	Trichloroethene (µg/L)	Tetrachloroethene (µg/L)	Vinyl chloride (µg/L)	Total
1/1/1987		8260	< 2	< 40	5.2	2.8	< 1	< 5	1800	8	160	< 5	54	2030
4/1/1987		8260	< 1	< 40	21	20	960	< 5	5000	28	640	< 5	840	7509
7/1/1987		8260	< 4	< 100	33	25	< 2	< 5	4600	37	280	< 5	270	5245
10/1/1987		8260	< 5	< 200	27	14	< 1	< 5	6900	37	640	< 5	200	7818
2/1/1988		8260	< 4	< 200	62	36	< 4	< 5	8800	39	570	< 5	510	10017
8/1/1988		8260	< 4	< 4	970	39	< 4	< 5	14000	48	670	< 5	1100	16827
11/1/1988		8260	< 20	< 40	110	63	47	< 5	21000	79	910	< 5	1400	23609
4/1/1989		8260	< 0.1	< 0.05	19	13	< 0.1	9.1	1800	< 0.03	210	< 0.03	170	2221.1
7/1/1989		8260	< 10	< 5	50	31	< 10	31	6300	< 3	430	< 3	730	7572
10/1/1989		8260	< 50	< 25	62	57	< 50	47	7700	< 15	500	< 15	730	9096
1/1/1990		8260	< 50	< 25	59	62	< 250	59	7800	< 15	450	< 15	500	8930
4/1/1990		8260	< 25	< 13	33	< 25	< 130	< 25	4700	< 7.5	150	< 7.5	370	5253
7/1/1990		8260	< 250	< 125	< 175	< 250	< 1300	< 250	11000	< 75	710	< 75	2300	14010
10/1/1990		8260	< 25	< 13	80	49	< 25	40	10000	210	270	< 7.5	980	11629
1/1/1991		8260	< 25	< 13	< 18	< 25	< 130	< 25	8000	110	220	< 7.5	500	8830
5/1/1991		8260	< 240	< 100	< 140	< 260	< 500	< 200	7100	< 60	< 240	< 60	830	7930
7/1/1991		8260	< 240	< 100	< 140	< 260	< 500	< 200	8700	< 60	300	< 60	810	9810
10/1/1991		8260	< 1200	< 500	< 700	< 1300	< 2500	< 1000	7700	< 300	< 1200	< 300	< 1800	7700
1/1/1992		8260	< 120	< 50	< 70	< 130	< 250	< 100	4000	< 30	220	< 30	300	4520
4/1/1992		8260	< 120	< 50	< 70	< 130	< 250	< 100	8300	< 30	1500	< 30	1500	11300
7/1/1992		8260	< 120	< 50	< 70	< 130	< 250	< 100	4600	< 100	< 120	< 30	650	5250
10/1/1992		8260	< 12	< 5	61	28	< 25	14	6600	40	670	< 3	600	8013
1/1/1993		8260	< 12	< 5	37	15	< 25	14	3300	14	160	< 3	250	3790
3/29/1993		8260	< 12	< 5	< 7	< 13	< 25	< 10	1200	< 5	< 12	< 3	300	1500
5/5/1993		8260	< 12	< 5	92	65	< 25	54	1000	16	140	< 3	2700	4067
6/3/1993		8260	< 12	< 5	91	70	35	84	9200	16	110	< 3	9500	19106
6/28/1993		8260	< 120	< 50	150	< 130	< 250	100	11000	70	300	< 30	3400	15020
8/5/1993		8260	< 120	< 50	< 70	< 130	< 250	< 100	10000	< 50	< 160	< 30	1700	11700
10/7/1993		8260	< 120	< 50	< 70	< 130	< 250	< 100	10000	< 50	< 120	< 30	2000	12000
7/7/1994		8260	< 1.2	< 0.5	50	39	< 2.5	39	7500 E	4.8	240	< 0.3	660	8532.8
6/27/1995		8260	< 40	< 40	< 40	< 40	< 40	< 40	3200	< 40	200	< 40	< 80	3400
7/16/1996		8260	< 120	< 50	< 100	< 70	< 250	< 100	4000	< 64	410	< 79	< 180	4410
7/9/1997		8260	< 120	< 78	< 100	< 70	< 250	< 100	1300	< 64	280	< 79	< 180	1580
7/24/1998		8260	< 120	< 50	< 100	< 70	< 250	< 100	1700	< 64	310	< 79	< 180	2010
7/19/1999		8260	< 12	< 5	< 10	< 7	< 25	43	1300	< 6.4	280	< 7.9	< 18	1623
7/11/2000	A0483108	8021	< 1.2	< 1	5.8	3.4	< 2.5	21	510	0.57 J	120	< 1	0.76 J	661.53
4/19/2001	A1361310	624	< 1.2	< 1.5	< 1.8	< 1.4	< 2.5	2.6	67	< 1.1	12	< 1.1	< 1.8	81.6
7/12/2001	A1663807	8021	< 4	7.6	< 4	< 4	5.5	14	720	< 4	120	< 4	< 4	867.1
7/16/2002	A2722911	8021	< 4	< 4	< 4	< 4	14	18	1000	< 4	140	< 4	< 4	1172
4/22/2003	A3376301	8021	< 14	< 4.6	< 5	< 8.2	22	14	1400	< 9.3	1400	< 16	82	2918
7/18/2003	A3689003	8021	< 14	< 4.6	10	< 8.2	< 18	12	1300	< 9.3	470	< 16	48	1840
10/22/2003	A3A21905	8021	< 14	< 2.5	12	< 8.2	< 4.5	10	1600	< 3	310	< 1.1	71	2003
4/27/2004	A4387501	8021	< 14	< 2.5	< 2.1	< 8.2	< 4.5	16	1100	< 3	89	< 1.1	34	1239
7/13/2004	A4663801	8021	< 12	42	16	19	30	27	950	< 2.4	200	< 1	40	1324
10/13/2004	A4A09403	8021	< 1	< 1	18	5.8	1.5 B	14	760 D	2.4	250 D	< 1	21	1072.7
4/19/2005	A5387404	8260	< 1.9	< 3.2	21	6.9	< 4	10	1100 D	2.6	440 D	< 2.5	22	1602.5

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D - Result reported from a secondary dilution analysis.
E - Concentration exceeds the calibration range; Result is estimated.
J - Indicates an estimated value.
µg/L - micrograms per liter

Well ID: **B-13M**

Date	Lab Sample ID	Method	Carbon tetrachloride (µg/L)	Chloroform (µg/L)	1,1-Dichloroethane (µg/L)	1,1-Dichloroethene (µg/L)	Methylene chloride (µg/L)	trans-1,2-Dichloroethene (µg/L)	cis-1,2-Dichloroethene (µg/L)	1,1,1-Trichloroethane (µg/L)	Trichloroethene (µg/L)	Tetrachloroethene (µg/L)	Vinyl chloride (µg/L)	Total
7/21/2005	A5768401	8260/5M	< 2.7	< 3.4	8.5	8.4	< 4.4	24	640 D	< 2.6	300	< 3.6	9	989.9
10/20/2005	A5B92004	8260	< 2.7	< 3.4	6.7	< 2.9	6.5 B	20	640 D	< 2.6	210	< 3.6	13	896.2
1/24/2006	A6089113	8260	< 1.2	< 1.3	2.8	< 1.2	4.2	2.3	230	< 1	81	< 1.4	4.7	325
4/18/2006	6D19002-03	8260	< 1	< 1	3	1	< 2	5	321 D	< 1	137	< 1	5	472
7/14/2006	6G14010-05	8260	< 1	< 1	7	5	9	20	838 D	< 1	202	< 1	59	1140
10/11/2006	6J12003-01	8260	< 1	< 1	3	2	< 2	8	368 D	< 1	73	< 1	19	473
1/10/2007	7A11003-05	8260	< 1	< 1	2	< 1	< 2	2	225 D	< 1	84	< 1	7	320
4/12/2007	7D13007-01	8260	< 1	< 1	1	< 1	< 2	3	152	< 1	63	< 1	8	227
7/12/2007	7G13019-08	8260	< 1	< 1	3	2	< 2	10	437 D	< 1	127	< 1	25	604
10/9/2007	7J10006-02	8260	< 4	< 4	< 4	< 4	< 8	9	413	< 4	122	< 4	27	571
1/8/2008	8A09005-01	8260	< 5	< 5	< 5	< 5	< 10	< 5	241	< 5	59	< 5	< 10	300
4/10/2008	8D11008-03	8260	< 5	< 5	7	< 5	12	6	536	< 5	456	< 5	18	1035
7/24/2008	5424627	8260	< 1	< 0.8	4.4 J	4.2 J	< 2	14	660	< 0.8	210	< 0.8	33	925.6
10/15/2008	5499970	8260	< 1	< 0.8	3.7 J	2.6 J	< 2	12	470	< 0.8	180	< 0.8	6.1	674.4
1/14/2009	5577590	8260	< 1	< 0.8	4.9 J	2.1 J	< 2	3.6 J	260	3.4 J	270	< 0.8	3.4 J	547.4
4/14/2009	5646770	8260	< 1	< 0.8	5.2	3.1 J	< 2	7	460	3.2 J	460	< 0.8	17	955.5
7/9/2009	5720678	8260	< 1	< 0.8	4.7 J	3.7 J	< 2	14	640	0.92 J	230	< 0.8	39	932.32
10/5/2009	5797965	8260	< 1	< 0.8	4.5 J	3 J	< 2	9.7	520	< 0.8	180	< 0.8	33	750.2
1/25/2010	5892345	8260	< 1	< 0.8	< 1	< 0.8	< 2	< 0.8	59	< 0.8	71	< 0.8	1.6 J	131.6
4/13/2010	5953086	8260	< 1	< 0.8	4.2 J	2.6 J	< 2	5.8	360	2.3 J	340	< 0.8	19	733.9
7/14/2010	6032692	8260	< 1	< 0.8	3.3 J	2 J	< 2	8	430	< 0.8	140	< 0.8	24	607.3
10/14/2010	6113372	8260	< 1	< 0.8	6	4.7 J	< 2	18	740	1.2 J	240	< 0.8	13	1022.9
1/25/2011	6191897	8260	< 1	< 0.8	3.4 J	0.8 J	< 2	2.7 J	200	< 0.8	68	< 0.8	4.5 J	279.4
4/18/2011	6261651	8260	< 1	< 0.8	22	4.7 J	< 2	4.8 J	500	3 J	490	< 0.8	15	1039.5
7/12/2011	6342652	8260	< 1	< 0.8	12	3.9 J	< 2	7.4	450	1.5 J	380	< 0.8	16	870.8
10/11/2011	6434702	8260	< 2	< 1.6	8.8 J	5.2 J	< 4	15	770	< 1.6	350	< 1.6	8.6 J	1157.6
1/25/2012	6532442	8260	< 1	< 0.8	47	10	< 2	9.6	780	5.2	870	0.91 J	24	1746.71
4/10/2012	6612005	8260	< 1	< 0.8	2 J	1.6 J	< 2	4.3 J	440	< 0.8	6	< 0.8	140	593.9
7/18/2012	6726437	8260	< 1	< 0.8	7.3	4.3 J	< 2	14	630	0.96 J	260	< 0.8	27	943.56
10/2/2012	6810732	8260	< 1	< 0.8	7.5	4.3 J	< 2	16	770	< 0.8	240	< 0.8	9.9	1047.7
1/22/2013	6931415	8260	< 1	< 0.8	30	4.4 J	< 2	4.8 J	420	5.5	420	< 0.8	15	899.7
4/3/2013	7010220	8260	< 1	< 0.8	21	3.6 J	< 2	4.6 J	370	4 J	380	< 0.8	32	815.2
7/8/2013	7120723	8260	< 1	< 0.8	26	5.2	< 2	4.2 J	460	4.2 J	610	1.5 J	17	1128.1
11/13/2013	7276545	8260	< 1	< 0.8	4.9 J	1 J	< 2	1.2 J	160	1.1 J	190	< 0.8	6.8	365
1/16/2014	7340024	8260	< 1	< 0.8	1.9 J	< 0.8	< 2	< 0.8	96	< 0.8	120	< 0.8	2.7 J	220.6
4/23/2014	7440680	8260	< 0.5	< 0.5	12	4.5	< 2	5.8	510	2.9	650	1.4	20	1206.6
7/8/2014	7526286	8260	< 0.5	< 0.5	1.5	0.62 J	< 2	1.6	96	< 0.5	90	< 0.5	3.4	193.12
10/3/2014	7625308	8260	< 0.5	< 0.5	0.98 J	< 0.5	< 2	1.2	91	< 0.5	44	< 0.5	1.3	138.48
1/7/2015	7732746	8260	< 0.5	< 0.5	1.9	0.72 J	< 2	1.4	120	0.87 J	140	< 0.5	8.2	273.09
4/16/2015	7850970	8260	1.4	< 0.5	18	5.8	< 2	5.9	530	7.9	1000	2	14	1585
7/8/2015	7960009	SW8260C	< 0.5	< 0.5	0.77 J	< 0.5	< 2	0.66 J	57	< 0.5	52	< 0.5	3.2	113.63
10/5/2015	8077927	SW8260C	< 0.5	< 0.5	4.5	3	< 2	10	450	1.2	240	< 0.5	16	724.7
1/6/2016	8197846	SW8260C	< 0.5	< 0.5	4.5	2.7	< 2	8.7	450	0.78 J	190	< 0.5	5.8	662.48
12/9/2016	240-73270-18	8260C	< 33	< 33	< 33	< 33	< 33	13 J	750	< 33	260	< 33	< 33	1023
4/26/2017	240-78855-6	8260C	< 13	< 13	10 J	< 13	< 13	5.5 J	390	< 13	260	< 13	8.7 J	674.2
4/16/2018	240-94331-4	8260C	< 20	< 20	17 J	< 20	< 20	< 20	440	< 20	560	< 20	41	1058
4/3/2019	240-110627-4	8260C	< 25	< 25	< 25	< 25	< 130	< 25	980	< 25	940	< 25	< 25	1920
3/30/2020	240-128375-6	8260C	< 20	< 20	47	12 J	< 100	8.1 J	990	12 J	2900 D	6.9 J	< 20	3976
10/27/2020	240-139061-9	8260C	< 13	< 13	5.6 J	3.9 J	< 63	15	580	< 13	280	< 13	4.8 J	889.3

< - Indicates parameter was analyzed for, but not detected at or above the reporting limit
To Address the NYSDEC concerns regarding the presentation and plotting of non-detected values, the data for 2001 to 2004 has been reevaluated and interpreted as follows:

1) Non-detected concentrations have been represented as '<' for reporting purposes.
2) Total VOCs have been recalculated and represented as the sum of the detected parameters shown on this table.
3) The method change to 8260 was approved by the NYSDEC and changed in January 2005.

B - The analyte is present in the associated method blank.
D - Result reported from a secondary dilution analysis.
E - Concentration exceeds the calibration range; Result is estimated.
J - Indicates an estimated value.
µg/L - micrograms per liter

Well ID: **B-13M**

Date	Lab Sample ID	Method	Carbon tetrachloride (µg/L)	Chloroform (µg/L)	1,1-Dichloroethane (µg/L)	1,1-Dichloroethene (µg/L)	Methylene chloride (µg/L)	trans-1,2-Dichloroethene (µg/L)	cis-1,2-Dichloroethene (µg/L)	1,1,1-Trichloroethane (µg/L)	Trichloroethene (µg/L)	Tetrachloroethene (µg/L)	Vinyl chloride (µg/L)	Total
4/22/2021	240-148022-3	8260C	< 13	< 13	16 D	7.5 J	< 63	7.9 J	630	4.4 J	810	3.0 J	16	1494.8
6/29/2021	240-152171-2	8260C	< 13	< 13	< 13	< 13	< 63	7.2 J	370	< 13	230	< 13	8.1 J	615.3
7/27/2021	240-153558-2	8260C	< 50	< 50	24 J	< 50	< 250	< 50	1100	26 J	1900	< 50	< 50	3050
8/23/2021	240-155063-2	8260C	< 50	< 50	< 50	< 50	< 250	< 50	660	< 50	960	< 50	< 50	1620
10/25/2021	240-158965-1	8260C	< 50	< 50	< 50	< 50	< 250	< 50	860	< 50	420	< 50	< 50	1280
4/14/2022	240-165119-4	8260C	< 13	< 13	10 J	< 13	< 63	< 13	530	< 13	640	< 13	15	1195
3/20/2023	240-182590-24	8260D	< 2.0	< 2.0	1.3 J	< 2.0	< 10	< 2.0	66	< 2.0	9.5	< 2.0	11	87.8

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1) Non-detected concentrations have been represented as '<' for reporting purposes.
2) Total VOCs have been recalculated and represented as the sum of the detected parameters shown on this table.
3) The method change to 8260 was approved by the NYSDEC and changed in January 2005.

B - The analyte is present in the associated method blank.
D - Result reported from a secondary dilution analysis.
E - Concentration exceeds the calibration range; Result is estimated.
J - Indicates an estimated value.
µg/L - micrograms per liter

MONITORING WELL GROUNDWATER ANALYTICAL RESULT SUMMARY
FORMER CARBORUNDUM COMPANY
SANBORN, NEW YORK

Well ID: **B-14M**

Date	Lab Sample ID	Method	Carbon tetrachloride (µg/L)	Chloroform (µg/L)	1,1-Dichloroethane (µg/L)	1,1-Dichloroethene (µg/L)	Methylene chloride (µg/L)	trans-1,2-Dichloroethene (µg/L)	cis-1,2-Dichloroethene (µg/L)	1,1,1-Trichloroethane (µg/L)	Trichloroethene (µg/L)	Tetrachloroethene (µg/L)	Vinyl chloride (µg/L)	Total
4/1/1987		8260	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 5	4	< 0.2	130	< 5	< 0.2	134
7/1/1987		8260	< 4	< 5	< 8	< 8	< 4	< 5	160	< 4	7700	< 5	< 10	7860
10/1/1987		8260	< 4	< 8	< 4	< 4	< 4	< 5	110	< 4	6600	< 5	< 8	6710
2/1/1988		8260	< 4	< 4	< 4	< 4	< 4	< 5	64	< 4	2400	< 5	19	2483
8/1/1988		8260	< 4	< 4	< 4	< 4	< 0.4	< 4	< 4	< 4	5300	< 5	< 8	5300
1/1/1989		8260	< 0.1	< 5	0.08	0.6	< 0.1	2.2	46	1.1	2900	< 0.03	< 0.2	2949.98
4/1/1989		8260	< 0.6	400	< 0.4	< 0.2	< 0.5	< 0.5	15	< 0.2	1300	< 0.2	< 0.9	1715
7/1/1989		8260	< 1.2	< 0.5	< 0.7	< 1.3	< 2.5	< 1	19	< 1.3	500	< 0.3	< 1.8	519
10/1/1989		8260	< 25	< 13	< 18	< 25	< 25	< 25	120	< 7.5	7500	< 7.5	< 25	7620
1/1/1990		8260	< 5	< 2.5	< 3.5	< 5	< 25	< 5	70	< 1.5	1500	2.1	< 5	1572.1
4/1/1990		8260	< 25	< 13	< 18	< 25	< 130	< 25	< 25	< 7.5	75	< 7.5	< 25	75
7/1/1990		8260	< 5	< 2.5	< 3.5	< 5	< 25	< 5	31	< 1.5	960	< 1.5	< 5	991
10/1/1990		8260	< 25	< 13	< 18	< 25	< 25	< 25	270	< 7.5	22000	< 7.5	< 25	22270
2/1/1991		8260	< 5	< 2.5	< 3.5	< 5	< 25	< 5	22	3.6	1500	< 1.5	< 5	1525.6
5/1/1991		8260	< 240	< 100	< 140	< 260	< 500	< 200	< 200	< 60	1800	< 60	< 390	1800
7/1/1991		8260	< 240	< 100	< 140	< 260	< 500	< 200	< 200	220	16000	< 60	< 360	16220
10/1/1991		8260	< 60	< 25	< 35	< 65	< 130	< 50	230	< 15	20000	< 15	< 90	20230
1/1/1992		8260	< 120	< 50	< 70	< 130	< 250	< 100	< 100	< 30	3000	< 30	< 180	3000
4/1/1992		8260	< 120	< 50	< 70	< 130	< 250	< 100	< 100	< 30	790	< 30	< 180	790
7/1/1992		8260	< 120	< 50	< 70	< 130	< 250	< 100	< 100	< 30	1400	< 30	< 180	1400
10/1/1992		8260	< 1.2	< 0.5	0.7	< 1.3	< 2.5	< 1	15	< 0.3	930	0.6	< 1.8	946.3
1/1/1993		8260	< 12	< 5	< 7	< 13	< 25	< 10	26	< 3	610	< 3	< 18	636
3/31/1993		8260	< 6	< 2.5	< 3	< 6.5	< 13	< 5	13	< 2.5	500	< 1.5	< 9	513
6/4/1993		8260	< 12	< 5	< 7	< 13	34	< 10	36	5.9	2300	< 7.5	< 18	2375.9
6/29/1993		8260	< 1.2	0.89	< 0.7	< 1.3	< 2.5	1.8	77	< 0.5	3800	6.5	< 1.8	3886.19
8/5/1993		8260	< 12	< 5	< 7	< 13	< 25	< 10	39	< 5	1600	< 3	< 18	1639
7/7/1994		8260	< 1.2	< 0.5	< 0.7	< 1.3	< 2.5	< 1	26	0.63	890	2.4	< 1.8	919.03
7/17/2002	A2732701	8021	< 8	< 8	< 8	< 8	< 8	< 8	160	< 8	730	< 8	< 8	890
7/2/2003	A3639711	8021	< 1.2	< 1	< 1	< 1	< 2.5	0.83 J	39	< 1	260 D	< 1	< 1.8	299.83
6/29/2004	A4614507	8021	< 2.9	< 1	< 1	< 1.6	13	< 1	10	< 1	130	< 1	< 1.8	153
7/8/2005	A5715204	8260/5M	< 1.2	< 1	< 1	< 1	< 2.5	1.8	96	< 1	500 D	9	< 1.8	606.8
7/13/2006	6G14009-04	8260	< 5	< 5	< 5	< 5	< 10	< 5	306	< 5	1500 D	9	17	1832
7/10/2007	7G11015-02	8260	< 10	< 10	< 10	< 10	< 20	< 10	67	< 10	541	11	< 20	619
7/21/2008	5420898	8260	< 1	< 0.8	< 1	< 0.8	< 2	1.1 J	130	< 0.8	300	3.9 J	< 1	435
7/18/2011	6348761	8260	< 1	< 0.8	< 1	< 0.8	< 2	1.1 J	64	< 0.8	360	4.3 J	< 1	429.4
7/9/2013	7122569	8260	< 1	< 0.8	< 1	< 0.8	< 2	< 0.8	28	< 0.8	54	< 0.8	< 1	82
7/9/2014	7527873	8260	< 0.5	18	< 0.5	< 0.5	< 2	< 0.5	5.8	< 0.5	51	< 0.5	0.58 J	75.38
7/6/2015	7956059	SW8260C	< 0.5	3.5	< 0.5	< 0.5	< 2	0.56 J	25	< 0.5	220	3.8	< 0.5	252.86
12/12/2016	240-73361-4	8260C	< 5.0	< 5.0	< 5.0	< 5.0	8	< 5.0	5.4	< 5.0	110	< 5.0	< 5.0	123.4
5/3/2017	240-79160-1	8260C	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	2.2	< 1.0	39	0.32 J	< 1.0	41.52
4/13/2018	240-94116-3	8260C	< 1.7	< 1.7	< 1.7	< 1.7	< 3.4	< 1.7	1.9	< 1.7	41	< 1.7	< 1.7	42.9
4/4/2019	240-110627-8	8260C	< 1.0	< 1.0	< 1.0	< 1.0	< 5.0	< 1.0	3.4	< 1.0	29	0.27 J	< 1.0	32.67
3/25/2020	240-128236-3	8260C	< 1.0	< 1.0	< 1.0	< 1.0	< 5.0	0.21 J	3.6	< 1.0	30	0.26 J	< 1.0	34.07
4/23/2021	240-148185-6	8260C	< 1.0	0.25 J	< 1.0	< 1.0	4.4 J	0.57 J	21	< 1.0	150 D	2.1	< 1.0	178.32
4/12/2022	240-165070-3	8260C	< 1.0	< 1.0	< 1.0	< 1.0	< 5.0	< 1.0	2.6	< 1.0	29	< 1.0	< 1.0	31.6
3/23/2023	240-182590-17	8260D	< 1.0	< 1.0	< 1.0	< 1.0	< 5.0	< 1.0	3.3	< 1.0	34	0.51 J	< 1.0	37.81

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B - The analyte is present in the associated method blank.
D - Result reported from a secondary dilution analysis.
E - Concentration exceeds the calibration range; Result is estimated.
J - Indicates an estimated value.
µg/L - micrograms per liter

MONITORING WELL GROUNDWATER ANALYTICAL RESULT SUMMARY
FORMER CARBORUNDUM COMPANY
SANBORN, NEW YORK

Well ID: **B-15M**

Date	Lab Sample ID	Method	Carbon tetrachloride (µg/L)	Chloroform (µg/L)	1,1-Dichloroethane (µg/L)	1,1-Dichloroethene (µg/L)	Methylene chloride (µg/L)	trans-1,2-Dichloroethene (µg/L)	cis-1,2-Dichloroethene (µg/L)	1,1,1-Trichloroethane (µg/L)	Trichloroethene (µg/L)	Tetrachloroethene (µg/L)	Vinyl chloride (µg/L)	Total
2/1/1988		8260	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 5	< 0.2	0
8/1/1988		8260	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 5	< 0.4	0
11/1/1988		8260	< 0.2	< 0.2	< 0.2	< 0.2	< 1	< 0.2	< 0.2	< 0.2	9	< 5	< 0.2	9
1/1/1989		8260	< 0.1	< 5	< 0.07	< 0.1	< 0.1	< 0.1	1	< 0.03	5.8	< 0.03	< 0.2	6.8
4/1/1989		8260	< 0.1	< 0.05	< 0.07	< 0.03	< 0.1	< 0.1	< 1	< 0.03	0.4	< 0.03	< 0.2	0.4
7/1/1989		8260	< 1.2	0.5	< 0.7	< 1.3	< 2.5	< 1	< 1	1.2	< 1.2	< 0.3	< 1.8	1.7
10/1/1989		8260	< 1	< 0.5	< 0.7	< 1	< 1	< 1	< 1	< 0.3	< 1	< 0.3	< 1	0
1/1/1990		8260	< 1	< 0.5	< 0.7	< 1	< 5	< 1	< 1	< 0.3	< 1	< 0.3	< 1	0
4/1/1990		8260	< 1	< 0.5	< 0.7	< 1	< 5	< 1	< 1	< 0.3	< 1	< 0.3	< 1	0
7/1/1990		8260	< 1	< 0.5	< 0.7	< 1	< 5	< 1	< 1	< 0.3	< 1	< 0.3	< 1	0
10/1/1990		8260	< 1	< 0.5	< 0.7	< 1	< 1	< 1	< 1	1.2	< 1	< 0.3	< 1	1.2
1/1/1991		8260	< 1	< 0.5	< 0.7	< 1	< 5	< 1	< 1	0.5	< 1	< 0.3	< 1	0.5
5/1/1991		8260	< 1.2	< 0.5	< 0.7	< 1.3	< 2.5	< 1	< 1	< 0.3	< 1.2	< 0.3	< 1.8	0
7/1/1991		8260	< 1.2	< 0.5	< 0.7	< 1.3	< 2.5	< 1	< 1	< 0.3	< 1.2	< 0.3	< 1.8	0
10/1/1991		8260	< 1.2	< 0.5	< 0.7	< 1.3	< 2.5	< 1	< 1	< 0.3	< 1.2	0.3	< 1.8	0.3
1/1/1992		8260	< 1.2	< 0.5	< 0.7	< 1.3	< 2.5	< 1	< 1	< 0.3	< 1.2	< 0.3	< 1.8	0
4/1/1992		8260	< 1.2	< 0.5	< 0.7	< 1.3	< 2.5	< 1	< 1	< 0.3	< 1.2	< 0.3	< 1.8	0
7/1/1992		8260	< 1.2	< 0.5	< 0.7	< 1.3	< 2.5	< 1	< 1	0.7 A	< 1.2	< 0.3	< 1.8	0.7
10/1/1992		8260	< 1.2	< 0.5	< 0.7	< 1.3	< 2.5	< 1	< 1	< 0.3	< 1.2	< 0.3	< 1.8	0
1/1/1993		8260	< 1.2	< 0.5	< 0.7	< 1.3	< 2.5	< 1	< 1	0.31	< 1.2	< 0.3	< 1.8	0.31
4/2/1993		8260	< 1.2	< 0.5	< 0.7	< 1.3	< 2.5	< 1	< 1	< 0.5	< 1.2	< 0.3	< 1.8	0
7/1/1993		8260	< 1.2	< 0.5	< 0.7	< 1.3	< 2.5	< 1	< 1	< 0.5	< 1.2	< 0.3	< 1.8	0
10/4/1993		8260	< 1.2	< 0.5	< 0.7	< 1.3	< 2.5	< 1	< 1	0.62 *	< 1.2	< 0.3	< 1.8	0.62
7/6/1994		8260	< 1.2	< 0.5	< 0.7	< 1.3	< 2.5	< 1	< 1	< 0.5	< 1.2	< 0.3	< 1.8	0
6/28/1995		8260	< 1	< 1	< 1	< 1	< 1	< 1	< 1	1.6	1.6	< 1	< 2	3.2
7/17/1996		8260	< 1.2	< 0.5	< 1	< 0.7	< 2.5	< 1	< 1	< 0.64	< 1.2	< 0.79	< 1.8	0
7/11/1997		8260	< 1.2	< 0.5	< 1	< 0.7	< 2.5	< 1	< 1	< 0.64	< 1.2	< 0.79	< 1.8	0
7/23/1998		8260	< 1.2	< 0.5	< 1	< 0.7	< 2.5	< 1	< 1	< 0.64	< 1.2	< 0.79	< 1.8	0
7/20/1999		8260	< 1.2	< 0.5	< 1	< 0.7	< 2.5	< 1	< 1	< 0.64	< 1.2	< 0.79	< 1.8	0
7/19/2000	A0508906	8021	< 1.2	< 1	< 1	< 1	< 2.5	< 1	< 1	< 1	< 1.2	< 1	< 1.8	0
7/12/2001	A1663802	8021	< 1.2	< 1	< 1	< 1	< 2.5	< 1	< 1	< 1	< 1.2	< 1	< 1.8	0
7/9/2002	A2695507	8021	< 1.2	< 1	< 1	< 1	< 2.5	< 1	< 1	< 1	< 1.2	< 1	< 1.8	0
8/5/2002	A2793603	8021	< 1.2	< 1	< 1	< 1	< 2.5	< 1	< 1	< 1	1.4	< 1	< 1.8	1.4
7/15/2003	A3670606	8021	< 1.2	< 1	< 1	< 1	< 2.5	< 1	< 1	< 1	< 1.2	< 1	< 1.8	0
7/15/2004	A4674101	8021	< 1.2	< 1	< 1	< 1	< 2.5	< 1	< 1	< 1	< 1.2	< 1	< 1.8	0
7/15/2004	A4674101	8260	< 1.2	< 1	< 1	< 1	< 2.5	< 1	< 1	< 1	< 1.2	< 1	< 1.8	0
7/20/2005	A5762203	8260/5M	< 1.2	< 1	< 1	< 1	< 2.5	< 1	< 1	< 1	< 1.2	< 1	< 1.8	0
7/19/2006	6G20004-12	8260	< 1	< 1	< 1	< 1	< 2	< 1	< 1	< 1	< 1	< 1	< 2	0
7/17/2007	7G18027-08	8260	< 1	< 1	< 1	< 1	< 2	< 1	< 1	< 1	< 1	< 1	< 2	0
7/21/2008	5420897	8260	< 1	< 0.8	< 1	< 0.8	< 2	< 0.8	< 0.8	< 0.8	< 1	< 0.8	< 1	0
7/8/2009	5719628	8260	< 1	< 0.8	< 1	< 0.8	< 2	< 0.8	< 0.8	< 0.8	< 1	< 0.8	< 1	0
7/19/2010	6036144	8260	< 1	< 0.8	< 1	< 0.8	< 2	< 0.8	< 0.8	< 0.8	< 1	< 0.8	< 1	0
7/12/2011	6342642	8260	< 1	< 0.8	< 1	< 0.8	< 2	< 0.8	< 0.8	< 0.8	< 1	< 0.8	< 1	0
7/11/2012	6717356	8260	< 1	< 0.8	< 1	< 0.8	< 2	< 0.8	< 0.8	< 0.8	< 1	< 0.8	< 1	0
7/10/2013	7123810	8260	< 1	< 0.8	< 1	< 0.8	< 2	< 0.8	< 0.8	< 0.8	< 1	< 0.8	< 1	0
7/15/2014	7534310	8260	< 0.5	< 0.5	< 0.5	< 0.5	< 2	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	0

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2) Total VOCs have been recalculated and represented as the sum of the detected parameters shown on this table.
3) The method change to 8260 was approved by the NYSDEC and changed in January 2005.

B - The analyte is present in the associated method blank.
D - Result reported from a secondary dilution analysis.
E - Concentration exceeds the calibration range; Result is estimated.
J - Indicates an estimated value.
µg/L - micrograms per liter

Well ID: **B-15M**

Date	Lab Sample ID	Method	Carbon tetrachloride (µg/L)	Chloroform (µg/L)	1,1-Dichloroethane (µg/L)	1,1-Dichloroethene (µg/L)	Methylene chloride (µg/L)	trans-1,2-Dichloroethene (µg/L)	cis-1,2-Dichloroethene (µg/L)	1,1,1-Trichloroethane (µg/L)	Trichloroethene (µg/L)	Tetrachloroethene (µg/L)	Vinyl chloride (µg/L)	Total
7/9/2015	7962638	SW8260C	< 0.5	< 0.5	< 0.5	< 0.5	< 2	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	0

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To Address the NYSDEC concerns regarding the presentation and plotting of non-detected values, the data for 2001 to 2004 has been reevaluated and interpreted as follows:

1) Non-detected concentrations have been represented as '<' for reporting purposes.
2) Total VOCs have been recalculated and represented as the sum of the detected parameters shown on this table.
3) The method change to 8260 was approved by the NYSDEC and changed in January 2005.

B - The analyte is present in the associated method blank.
D - Result reported from a secondary dilution analysis.
E - Concentration exceeds the calibration range; Result is estimated.
J - Indicates an estimated value.
µg/L - micrograms per liter

MONITORING WELL GROUNDWATER ANALYTICAL RESULT SUMMARY
FORMER CARBORUNDUM COMPANY
SANBORN, NEW YORK

Well ID: **B-16M**

Date	Lab Sample ID	Method	Carbon tetrachloride (µg/L)	Chloroform (µg/L)	1,1-Dichloroethane (µg/L)	1,1-Dichloroethene (µg/L)	Methylene chloride (µg/L)	trans-1,2-Dichloroethene (µg/L)	cis-1,2-Dichloroethene (µg/L)	1,1,1-Trichloroethane (µg/L)	Trichloroethene (µg/L)	Tetrachloroethene (µg/L)	Vinyl chloride (µg/L)	Total
2/1/1988		8260	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	1.1	< 5	< 0.2	1.1
8/1/1988		8260	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 5	3	< 0.2	< 0.2	< 5	< 0.2	3
11/1/1988		8260	< 0.2	< 0.2	< 0.2	< 0.2	< 1	< 0.2	< 0.2	< 0.2	2	< 5	< 0.2	2
1/1/1989		8260	< 0.1	< 5	< 0.07	< 0.1	< 0.1	< 0.1	< 1	< 0.03	3	< 0.03	< 0.2	3
4/1/1989		8260	< 0.1	< 0.05	< 0.07	< 0.03	< 0.1	< 0.1	< 1	< 0.03	7.7	< 0.03	< 0.2	7.7
7/1/1989		8260	< 1.2	< 0.5	< 0.7	< 1.3	< 2.5	< 1	< 1	< 0.3	1.2	< 0.3	< 1.8	1.2
10/1/1989		8260	< 1	< 0.5	< 0.7	< 1	< 1	< 1	< 1	< 0.3	< 1	< 0.3	< 1	0
1/1/1990		8260	< 1	0.7	< 0.7	< 1	< 5	< 1	< 1	< 0.3	4.2	< 0.3	< 1	4.9
4/1/1990		8260	< 1	< 0.5	< 0.7	< 1	< 5	< 1	3	< 0.3	< 1	< 0.3	< 1	3
7/1/1990		8260	< 1	< 0.5	< 0.7	< 1	< 5	< 1	< 1	< 0.3	< 1	< 0.3	< 1	0
10/1/1990		8260	< 1	< 0.5	< 0.7	< 1	< 1	< 1	< 1	< 0.3	< 1	< 0.3	< 1	0
1/1/1991		8260	< 1	< 0.5	< 0.7	< 1	< 5	< 1	< 1	7.7	1.6	0.3	< 1	9.6
5/1/1991		8260	< 1.2	< 0.5	< 0.7	< 1.3	< 2.5	< 1	< 1	< 0.3	< 1.2	< 0.3	< 1.8	0
7/1/1991		8260	< 1.2	< 0.5	< 0.7	< 1.3	< 2.5	< 1	< 1	< 0.3	< 1.2	< 0.3	< 1.8	0
10/1/1991		8260	< 1.2	< 0.5	< 0.7	< 1.3	< 2.5	< 1	< 1	< 0.3	< 1.2	< 0.3	< 1.8	0
1/1/1992		8260	< 1.2	< 0.5	< 0.7	< 1.3	< 2.5	< 1	< 1	< 0.3	< 1.2	< 0.3	< 1.8	0
4/1/1992		8260	< 1.2	< 0.5	< 0.7	< 1.3	< 2.5	< 1	< 1	< 0.3	< 1.2	< 0.3	< 1.8	0
7/1/1992		8260	< 1.2	< 0.5	< 0.7	< 1.3	< 2.5	< 1	< 1	< 0.3	< 1.2	< 0.3	< 1.8	0
10/1/1992		8260	< 1.2	< 0.5	< 0.7	< 1.3	< 2.5	< 1	< 1	< 0.3	< 1.2	< 0.3	< 1.8	0
1/1/1993		8260	< 1.2	< 0.5	< 0.7	< 1.3	< 2.5	< 1	< 1	< 0.3	< 1.2	< 0.3	< 1.8	0
3/31/1993		8260	< 1.2	< 0.5	< 0.7	< 1.3	< 2.5	< 1	< 1	< 0.5	< 1.2	< 0.3	< 1.8	0
6/29/1993		8260	< 1.2	< 0.5	< 0.7	< 1.3	< 2.5	< 1	< 1	2.4	< 1.2	< 0.3	< 1.8	2.4
7/17/2002	A2732702	8021	< 1.2	< 1	< 1	< 1	< 2.5	< 1	< 1	< 1	2.3	< 1	< 1.8	2.3
7/2/2003	A3639712	8021	< 1.2	< 1	< 1	< 1	< 2.5	< 1	< 1	< 1	4.7	< 1	< 1.8	4.7
6/29/2004	A4614510	8021	< 1.2	< 1	< 1	< 1	< 2.5	< 1	< 1	< 1	< 1.2	< 1	< 1.8	0
7/8/2005	A5715205	8260/5M	< 1.2	< 1	< 1	< 1	< 2.5	< 1	< 1	< 1	0.77 J	< 1	< 1.8	0.77
7/13/2006	6G14009-03	8260	< 1	< 1	< 1	< 1	< 2	< 1	< 1	< 1	< 1	< 1	< 2	0
7/18/2007	7G19011-07	8260	< 1	< 1	< 1	< 1	< 2	< 1	< 1	< 1	< 1	< 1	< 2	0
7/17/2008	5418429	8260	< 1	< 0.8	< 1	< 0.8	< 2	< 0.8	< 0.8	< 0.8	< 1	< 0.8	< 1	0
7/8/2009	5719617	8260	< 1	< 0.8	< 1	< 0.8	< 2	< 0.8	< 0.8	< 0.8	< 1	< 0.8	< 1	0
7/12/2010	6030553	8260	< 1	< 0.8	< 1	< 0.8	< 2	< 0.8	< 0.8	< 0.8	< 1	< 0.8	< 1	0
7/25/2011	6355558	8260	< 1	< 0.8	< 1	< 0.8	< 2	< 0.8	1.1 J	< 0.8	< 1	< 0.8	< 1	1.1
7/10/2012	6716069	8260	< 1	< 0.8	< 1	< 0.8	< 2	< 0.8	1.2 J	< 0.8	< 1	< 0.8	< 1	1.2
7/9/2013	7122570	8260	< 1	< 0.8	< 1	< 0.8	< 2	< 0.8	< 0.8	< 0.8	< 1	< 0.8	< 1	0
7/10/2014	7529504	8260	< 0.5	< 0.5	< 0.5	< 0.5	< 2	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	0
7/13/2015	7965565	SW8260C	< 0.5	< 0.5	< 0.5	< 0.5	< 2	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	0
12/12/2016	240-73361-5	8260C	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	0.33 J	2.5	< 1.0	0.69 J	< 1.0	< 1.0	3.52
5/1/2017	240-78974-3	8260C	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	0
4/13/2018	240-94116-8	8260C	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	0
4/5/2019	240-110691-3	8260C	< 1.0	< 1.0	< 1.0	< 1.0	< 5.0	< 1.0	< 1.0	< 1.0	0.15 J	< 1.0	< 1.0	0.15
3/31/2020	240-128375-7	8260C	< 1	< 1	< 1.0	< 1.0	< 5	< 1.0	0.27 J	< 1.0	< 1.0	< 1.0	< 1.0	0.27
4/27/2021	240-148317-9	8260C	< 1.0	< 1.0	< 1.0	< 1.0	< 5.0	< 1.0	< 1.0	< 1.0	0.10 J	< 1.0	< 1.0	0.1
4/13/2022	240-165065-5	8260C	< 1.0	< 1.0	< 1.0	< 1.0	< 5.0	< 1.0	0.63 J	< 1.0	2.2	< 1.0	< 1.0	2.83
3/23/2023	240-182590-20	8260D	< 1.0	< 1.0	< 1.0	< 1.0	< 5.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	0

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E - Concentration exceeds the calibration range; Result is estimated.
J - Indicates an estimated value.
µg/L - micrograms per liter

MONITORING WELL GROUNDWATER ANALYTICAL RESULT SUMMARY
FORMER CARBORUNDUM COMPANY
SANBORN, NEW YORK

Well ID: **B-17M**

Date	Lab Sample ID	Method	Carbon tetrachloride (µg/L)	Chloroform (µg/L)	1,1-Dichloroethane (µg/L)	1,1-Dichloroethene (µg/L)	Methylene chloride (µg/L)	trans-1,2-Dichloroethene (µg/L)	cis-1,2-Dichloroethene (µg/L)	1,1,1-Trichloroethane (µg/L)	Trichloroethene (µg/L)	Tetrachloroethene (µg/L)	Vinyl chloride (µg/L)	Total
11/1/1988		8260	< 200	< 200	280	580	45	< 5	170000	350	160000	< 5	26000	357255
12/1/1988		8260	< 500	< 500	< 500	< 1000	2300	< 5	65000	< 500	150000	< 5	< 1500	217300
1/1/1989		8260	< 20	< 5	< 14	< 26	< 20	< 20	21000	1000	21000	< 6	< 1100	43000
4/1/1989		8260	< 3	< 1.2	260	120	< 2.5	< 78	16000	240	35000	< 0.8	1000	52620
7/1/1989		8260	< 200	< 100	280	98	< 200	< 200	16000	500	17000	< 60	2200	36078
10/1/1989		8260	< 200	< 100	880	750	< 200	440	83000	740	140000	< 60	7600	233410
1/1/1990		8260	< 100	< 50	360	< 100	< 500	140	13000	330	13000	< 30	1200	28030
4/1/1990		8260	< 250	< 130	210	< 250	< 1300	< 250	14000	< 75	15000	< 75	< 250	29210
7/1/1990		8260	< 250	< 130	360	< 250	< 1300	< 250	30000	500	29000	< 75	2900	62760
10/1/1990		8260	< 250	< 130	1600	730	< 250	680	77000	1700	89000	< 250	7500	178210
1/1/1991		8260	< 50	< 25	100	< 50	< 250	< 50	8900	270	9800	< 15	820	19890
5/1/1991		8260	< 1200	< 500	< 700	< 1300	< 2500	< 1000	11000	300	23000	< 300	< 1800	34300
7/1/1991		8260	< 1200	< 500	< 700	< 1300	< 2500	< 1000	58000	450	48000	440	4900	111790
10/1/1991		8260	< 1200	< 500	700	< 1300	< 2500	< 1000	70000	< 300	65000	< 300	16000	151700
1/1/1992		8260	< 6000	< 2500	< 3500	< 6500	< 13000	< 5000	130000	< 1500	160000	< 1500	12000	302000
4/1/1992		8260	< 6000	< 2500	< 3500	< 6500	< 13000	< 5000	23000	< 1500	29000	< 1500	< 9000	52000
7/1/1992		8260	< 1200	< 500	< 700	< 1300	< 2500	< 1000	29000	< 1500	31000	< 300	< 1800	60000
10/1/1992		8260	< 120	< 50	320	160	< 250	150	42000	170	83000	< 30	3300	129100
1/1/1993		8260	< 300	< 130	530	330	< 630	270	67000	210	100000	< 75	7000	175340
3/29/1993		8260	< 120	< 50	150	340	< 250	130	51000	67	72000	< 30	3900	127587
5/5/1993		8260	< 120	< 50	< 70	< 130	440	< 100	16000	52	160000	< 30	800	177292
6/3/1993		8260	< 120	< 50	< 70	< 130	460	130	24000	< 50	230000	< 30	1300	255890
6/28/1993		8260	< 1200	< 500	< 700	< 1300	< 2500	< 1000	250000	< 500	370000	< 300	8100	628100
8/5/1993		8260	< 1200	< 500	< 700	< 1300	< 2500	1000	130000	< 500	83000	< 300	12000	226000
9/1/1993		8260	< 1200	< 500	< 700	< 1300	< 2500	1000	210000	< 500	160000	< 300	13000	384000
10/7/1993		8260	< 1200	730	< 700	< 1300	< 2500	< 1000	230000	< 500	180000	< 300	10000	420730
1/27/1994		8260	< 1.2	< 0.5	< 0.7	< 1.3	790 *	< 1	300000	< 0.5	160000	< 0.3	44000	504790
4/8/1994		8260	< 1.2	< 0.5	2.9	16	< 2.5	17	2200	2.4	8100	< 0.3	430	10768.3
7/6/1994		8260	< 1.2	< 0.5	59	89	< 2.5	110	18000	17	16000	0.54	3300	37575.54
10/7/1994		8260	< 120	< 50	< 70	200	< 250	100	8900	< 50	15000	< 30	930	25130
1/25/1995		8260	< 20	< 20	< 20	< 20	< 20	21	2400	< 20	3000	< 20	160	5581
4/5/1995		8260	< 200	< 200	< 200	< 200	< 200	< 200	7500	< 200	25000	< 200	< 400	32500
10/10/1995		8260	< 120	< 50	< 100	< 70	< 250	< 100	960	< 64	6200	< 79	< 180	7160
1/11/1996		8260	< 120	< 50	< 100	< 70	< 250	< 100	8100	< 64	9000	< 79	220	17320
4/2/1996		8260	< 120	< 50	< 100	< 70	< 250	< 100	5200	< 64	8000	< 79	< 180	13200
7/15/1996		8260	< 1200	< 500	< 1000	< 700	< 2500	< 1000	23000	< 640	27000	< 790	< 1800	50000
10/4/1996		8260	< 1200	630	< 1000	< 700	< 2500	< 1000	14000	< 640	26000	< 790	< 1800	40630
1/29/1997		8260	< 120	< 50	< 100	< 70	< 250	< 100	3200	< 64	5300	< 79	< 180	8500
4/17/1997		8260	< 120	< 50	< 100	< 70	< 250	< 100	5300	< 64	8200	< 79	< 180	13500
7/15/1997		8260	< 1200	< 500	< 1000	< 700	< 2500	< 1000	15000	< 640	33000	< 790	< 1800	48000
10/24/1997		8260	< 1200	< 500	< 1000	< 700	< 2500	< 1000	17000	< 640	34000	< 790	< 1800	51000
1/21/1998		8260	< 120	< 50	< 100	< 70	< 250	< 100	4400	< 64	5900	< 79	< 180	10300
4/23/1998		8260	< 120	< 50	< 100	< 70	< 250	< 100	3000	< 64	7500	< 79	< 180	10500
7/31/1998		8260	< 1200	< 500	< 1000	< 700	< 2500	< 1000	25000	< 640	52000	< 790	< 1800	77000
8/5/1998		8260	< 1200	< 500	< 1000	< 700	< 2500	< 1000	23000	< 640	64000	< 790	< 1800	87000
8/11/1998		8260	< 1200	< 500	< 1000	< 700	< 2500	< 1000	23000	< 640	89000	< 790	< 1800	112000

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E - Concentration exceeds the calibration range; Result is estimated.
J - Indicates an estimated value.
µg/L - micrograms per liter

Well ID: **B-17M**

Date	Lab Sample ID	Method	Carbon tetrachloride (µg/L)	Chloroform (µg/L)	1,1-Dichloroethane (µg/L)	1,1-Dichloroethene (µg/L)	Methylene chloride (µg/L)	trans-1,2-Dichloroethene (µg/L)	cis-1,2-Dichloroethene (µg/L)	1,1,1-Trichloroethane (µg/L)	Trichloroethene (µg/L)	Tetrachloroethene (µg/L)	Vinyl chloride (µg/L)	Total
8/18/1998		8260	< 1200	< 500	< 1000	< 700	< 2500	< 1000	9100	< 640	31000	< 790	< 1800	40100
8/25/1998		8260	< 120	< 50	< 100	< 70	< 250	< 100	2000	< 64	7900	< 79	< 180	9900
10/12/1998		8260	< 120	< 50	< 100	< 70	< 250	< 100	3500	< 64	10000	< 79	< 180	13500
4/15/1999		8260	< 120	110 J	< 100	< 70	< 250	< 100	1800	< 64	4200	< 79	< 180	6110
7/22/1999		8260	< 1200	< 500	< 1000	< 700	< 2500	< 1000	3600	< 640	19000	< 790	< 1800	22600
10/15/1999		8260	< 40	< 40	< 40	< 40	78	< 40	1600	< 40	4300	< 40	< 40	5978
1/12/2000	A0026405	8021	< 160	< 160	< 160	< 160	360	< 160	3100	< 160	22000	< 160	< 160	25460
4/18/2000	A0259409	8021	< 160	< 160	< 160	< 160	< 160	< 160	2900	< 160	7400	< 160	< 160	10300
7/20/2000	A0508912	8021	< 80	< 80	< 80	< 80	< 80	< 80	1200	< 80	2500	< 80	< 80	3700
10/20/2000	A0754604	8021	< 80	< 80	< 80	< 80	< 80	< 80	2500	< 80	11000	< 80	< 80	13500
1/13/2001	A1041308	8021	< 80	< 80	< 80	< 80	< 80	< 80	3100	< 80	8000	< 80	< 80	11100
4/20/2001	A1366401	624	< 1.2	< 1.5	100 E	9.7	< 2.5	30	1500 D	9.4	5300 D	3.6	6.1	6958.8
7/11/2001	A1648713	8021	< 80	< 80	< 80	< 80	180	< 80	3700	< 80	8400	< 80	< 80	12280
10/16/2001	A1A17410	8021	< 800	< 800	< 800	< 800	1000	< 800	2600	< 800	29000	< 800	< 800	32600
1/25/2002	A2081503	8021	< 80	140	< 80	< 80	140	< 80	4500	< 80	2800	< 80	91	7671
4/22/2002	A2391101	8021	< 50	< 50	< 50	< 50	76	< 50	12000	< 50	4300	< 50	2100	18476
7/17/2002	A2732601	8021	< 100	< 100	< 100	< 100	160	< 100	8600	< 100	5500	< 100	1800	16060
10/15/2002	A2A23603	8021	< 800	< 800	< 800	< 800	1000	< 800	49000	< 800	17000	< 800	4300	71300
1/24/2003	A3075207	8021	< 140	< 46	< 50	< 82	190	< 77	12000	< 93	7100	< 160	2600	21890
4/23/2003	A3376304	8021	< 140	< 46	< 50	< 82	< 180	< 77	12000	< 93	4400	< 160	1400	17800
7/22/2003	A3699406	8021	< 140	< 46	< 50	< 82	< 180	< 77	13000	< 93	3800	< 160	1100	17900
10/22/2003	A3A28302	8021	< 140	< 25	< 21	< 82	170	< 50	20000	< 30	2500	< 11	2600	25270
1/21/2004	A4053403	8021	< 140	< 25	< 21	< 82	< 45	< 50	7800	< 30	5600	< 11	620	14020
4/28/2004	A4387504	8021	< 140	< 25	< 21	< 82	< 45	< 50	8100	< 30	5300	< 11	700	14100
7/9/2004	A4647102	8021	< 140	< 25	120	220	< 45	< 50	14000	< 30	3500	< 11	1600	19440
10/8/2004	A4994203	8021	< 250	< 250	< 250	< 250	< 1200	< 250	7700	< 250	3300	< 250	640	11640
1/18/2005	A5051102	8260	< 48	< 80	100	52	< 99	< 81	9600	< 63	7800	< 64	1300	18852
4/19/2005	A5387401	8260	< 48	< 80	< 95	< 47	< 99	< 81	12000 D	< 63	6900	< 64	1300	20200
7/21/2005	A5768404	8260/5M	< 53	< 67	110	< 59	< 88	130	15000	< 53	8600	< 73	1500	25340
10/21/2005	A5B92803	8260	< 1.2	< 1	69	43	< 2.5	60	9500 D	140 D	8900 D	0.98 J	1000 D	19712.98
1/26/2006	A6102401	8260	< 27	< 34	67	< 29	< 44	< 33	4300	< 26	8400	< 36	470	13237
4/19/2006	6D20002-04	8260	< 20	< 20	48	39	< 40	60	9570 D	< 20	7730 D	< 20	1210	18657
7/18/2006	6G19003-05	8260	< 25	< 25	72	40	212 B	61	8250 D	34	8170 D	< 25	1320	18159
10/9/2006	6J10002-09	8260	< 25	< 25	66	28	129	36	6730 D	175	12000 D	< 25	798	19962
1/9/2007	7A10006-08	8260	< 25	< 25	< 25	< 25	227	< 25	5190	< 25	12800 D	< 25	372	18589
4/12/2007	7D13007-03	8260	< 100	< 100	< 100	< 100	< 200	< 100	3100	< 100	3100	< 100	475	6675
7/16/2007	7G17015-01	8260	< 100	< 100	< 100	< 100	< 200	< 100	8490	< 100	2940	< 100	1510	12940
10/9/2007	7J10006-08	8260	< 100	< 100	< 100	< 100	277	< 100	12300	< 100	3150	< 100	2540	18267
1/7/2008	8A08003-10	8260	< 100	< 100	129	< 100	350	< 100	4910	< 100	3070	< 100	718	9177
4/9/2008	8D10002-02	8260	< 50	< 50	184	< 50	468	< 50	5820	70	2530	< 50	1020	10092
7/25/2008	5426027	8260	< 10	< 8	71	44 J	< 20	45 J	8000	11 J	3800	< 8	1300	13271
10/14/2008	5498684	8260	< 10	< 8	100	50 J	< 20	52	11000	10 J	3900	< 8	1500	16612
1/14/2009	5577592	8260	< 5	< 4	180	39	< 10	34	5900	49	2800	5.8 J	910	9917.8
4/15/2009	5647720	8260	< 10	< 8	210	49 J	< 20	35 J	6600	75	3900	9.4 J	750	11628.4
7/7/2009	5718470	8260	< 5	< 4	120	50	< 10	62	14000	20 J	3700	< 4	2200	20152
10/7/2009	5800387	8260	< 1	< 0.8	84	52	< 2	44	7500	12	4900	2.3 J	960	13554.3
1/20/2010	5888921	8260	< 10	< 8	220	39 J	< 20	32 J	6300	67	3000	< 8	620	10278
4/12/2010	5951990	8260	< 10	< 8	260	65	< 20	39 J	7400	93	7900	14 J	820	16591
7/14/2010	6032688	8260	< 10	< 8	110	46 J	< 20	53	14000	14 J	4300	< 8	1700	20223

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2) Total VOCs have been recalculated and represented as the sum of the detected parameters shown on this table.
3) The method change to 8260 was approved by the NYSDEC and changed in January 2005.

B - The analyte is present in the associated method blank.
D - Result reported from a secondary dilution analysis.
E - Concentration exceeds the calibration range; Result is estimated.
J - Indicates an estimated value.
µg/L - micrograms per liter

Well ID: **B-17M**

Date	Lab Sample ID	Method	Carbon tetrachloride (µg/L)	Chloroform (µg/L)	1,1-Dichloroethane (µg/L)	1,1-Dichloroethene (µg/L)	Methylene chloride (µg/L)	trans-1,2-Dichloroethene (µg/L)	cis-1,2-Dichloroethene (µg/L)	1,1,1-Trichloroethane (µg/L)	Trichloroethene (µg/L)	Tetrachloroethene (µg/L)	Vinyl chloride (µg/L)	Total
10/14/2010	6113376	8260	< 10	< 8	35 J	26 J	< 20	27 J	8600	< 8	4500	< 8	940	14128
1/25/2011	6191890	8260	< 10	< 8	90	35 J	< 20	42 J	7400	15 J	6100	< 8	720	14402
4/19/2011	6263087	8260	< 5	< 4	36	29	< 10	54	14000	21 J	5300	< 4	1400	20840
7/13/2011	6343974	8260	< 10	< 8	150	47 J	< 20	47 J	11000	32 J	6600	< 8	1200	19076
10/12/2011	6435901	8260	< 10	< 8	52	32 J	< 20	36 J	8500	< 8	6800	< 8	890	16310
1/16/2012	6523837	8260	< 10	< 8	130	40 J	< 20	35 J	7200	21 J	6100	< 8	790	14316
4/9/2012	6610602	8260	< 10	< 8	45 J	35 J	< 20	48 J	8900	< 8	7800	< 8	1200	18028
7/18/2012	6726431	8260	< 10	< 8	170	67	< 20	69	15000	20 J	6300	< 8	2200	23826
10/2/2012	6810730	8260	< 10	< 8	95	49 J	< 20	46 J	12000	9.1 J	4600	< 8	1600	18399.1
1/23/2013	6932578	8260	< 10	< 8	66	42 J	< 20	40 J	8000	15 J	6500	< 8	960	15623
4/4/2013	7011179	8260	< 5	< 4	54	36	< 10	41	9900	7.9 J	7900	< 4	1200	19138.9
7/8/2013	7120732	8260	< 2	< 1.6	76	47	< 4	51	10000	14	5200	4.1 J	1200	16592.1
11/12/2013	7275077	8260	< 10	< 8	75	47 J	< 20	50 J	11000	15 J	6700	< 8	1400	19287
1/16/2014	7340032	8260	< 10	< 8	110	34 J	< 20	31 J	6200	22 J	4200	10 J	500	11107
4/16/2014	7433449	8260	< 5	< 5	77	39	< 20	34	6300	17	8300	7.7 J	660	15434.7
7/11/2014	7531034	8260	< 5	< 5	83	40	< 20	34	7700	20	4600	15	1200	13692
10/6/2014	7626653	8260	< 2.5	< 2.5	63	30	< 10	26	5300	12	3100	11	1100	9642
1/7/2015	7732756	8260	< 2.5	< 2.5	120	32	< 10	21	4200	36	3100	18	470	7997
4/20/2015	7856493	8260	< 0.5	< 0.5	160	54	< 2	29	4400	36	3600	23	360	8662
7/7/2015	7958383	SW8260C	< 1	< 1	95	23	< 4	20	3300	17	2400	13	760	6628
10/5/2015	8077933	SW8260C	< 5	< 5	70	36	< 20	29	5700	50	6800	5.2 J	530	13220.2
1/5/2016	8197712	SW8260C	< 5	< 5	48	28	< 20	20	4300	39	6400	< 5	350	11185
12/9/2016	240-73270-19	8260C	< 200	< 200	< 200	< 200	150 J	< 200	4100	< 200	3200	< 200	1500	8950
4/26/2017	240-78855-1	8260C	< 250	< 250	65 J	< 250	< 250	< 250	4000	< 250	6400	< 250	510	10975
4/17/2018	240-94331-15	8260C	< 250	< 250	< 250	< 250	< 250	< 250	6700	< 250	4200	< 250	920	11820
4/3/2019	240-110627-1	8260C	< 250	< 250	82 J	< 250	< 1300	< 250	8300	< 250	4700	< 250	1300	14382
11/20/2019	240-122631-7	624.1_L	< 130	< 130	44 J	< 130	< 630	< 63	5000	< 130	3400	< 130	1200	9644
3/30/2020	240-128375-10	8260C	< 200	< 200	44 J	< 200	< 1000	< 200	5300	< 200	3900	< 200	950	10194
10/27/2020	240-139061-12	8260C	< 200	< 200	< 200	< 200	< 1000	< 200	3000	< 200	3900	< 200	230	7130
4/27/2021	240-148317-12	8260C	< 200	< 200	35 J	< 200	< 1000	< 200	4100	< 200	1500	< 200	2500	8135
4/11/2022	240-165070-4	8260C	< 200	< 200	< 200	< 200	< 1000	< 200	5200	< 200	2600	< 200	1300	9100
3/21/2023	240-182590-25	8260D	< 50	< 50	< 50	< 50	< 250	< 50	1500	< 50	780	< 50	650	2930

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3) The method change to 8260 was approved by the NYSDEC and changed in January 2005.

B - The analyte is present in the associated method blank.
D - Result reported from a secondary dilution analysis.
E - Concentration exceeds the calibration range; Result is estimated.
J - Indicates an estimated value.
µg/L - micrograms per liter

MONITORING WELL GROUNDWATER ANALYTICAL RESULT SUMMARY
FORMER CARBORUNDUM COMPANY
SANBORN, NEW YORK

Well ID: **B-18M**

Date	Lab Sample ID	Method	Carbon tetrachloride (µg/L)	Chloroform (µg/L)	1,1-Dichloroethane (µg/L)	1,1-Dichloroethene (µg/L)	Methylene chloride (µg/L)	trans-1,2-Dichloroethene (µg/L)	cis-1,2-Dichloroethene (µg/L)	1,1,1-Trichloroethane (µg/L)	Trichloroethene (µg/L)	Tetrachloroethene (µg/L)	Vinyl chloride (µg/L)	Total
11/1/1988		8260	< 0.2	0.6	< 0.2	< 0.2	< 1	< 0.2	< 0.2	< 0.2	1	< 5	< 0.2	1.6
12/1/1988		8260	< 0.5	< 0.5	< 0.5	< 1	2.3	< 5	1.4	< 0.5	5.2	< 5	< 2	8.9
1/1/1989		8260	< 0.1	< 5	< 0.07	< 0.1	< 0.1	< 0.1	1	< 0.03	61	< 0.03	< 0.2	62
4/1/1989		8260	< 0.1	< 0.05	< 0.07	< 0.03	< 0.1	< 0.1	< 1	< 0.03	< 0.1	< 0.03	< 0.2	0
7/1/1989		8260	< 1.2	< 0.5	< 0.7	< 1.3	< 2.5	< 1	< 1	< 0.3	< 1.2	< 0.3	< 1.5	0
10/1/1989		8260	< 1	< 0.5	< 0.7	< 1	2.8	< 1	< 1	< 0.3	< 1	< 0.3	< 1	2.8
1/1/1990		8260	< 1	< 0.5	< 0.7	< 1	< 5	< 1	< 1	< 0.3	< 1	< 0.3	< 1	0
4/1/1990		8260	< 1	< 0.5	< 0.7	< 1	< 5	< 1	< 1	< 0.3	< 1	< 0.3	< 1	0
7/1/1990		8260	< 1	< 0.5	< 0.7	< 1	< 5	< 1	< 1	< 0.3	< 1	< 0.3	< 1	0
10/1/1990		8260	< 1	< 0.5	< 0.7	< 1	< 1	< 1	< 1	< 0.3	< 1	< 0.3	< 1	0
1/1/1991		8260	< 1	< 0.5	< 0.7	< 1	< 5	< 1	< 1	230	< 1	< 0.3	< 1	230
5/1/1991		8260	< 1.2	< 0.5	< 0.7	< 1.3	< 2.5	< 1	< 1	< 0.3	< 1.2	< 0.3	< 1.8	0
7/1/1991		8260	< 1.2	< 0.5	< 0.7	< 1.3	< 2.5	< 1	< 1	< 0.3	< 1.2	< 0.3	< 1.8	0
10/1/1991		8260	< 1.2	< 0.5	< 0.7	< 1.3	< 2.5	< 1	< 1	< 0.3	< 1.2	< 0.3	< 1.8	0
1/1/1992		8260	< 1.2	< 0.5	< 0.7	< 1.3	< 2.5	< 1	< 1	< 0.3	< 1.2	< 0.3	< 1.8	0
4/1/1992		8260	< 1.2	< 0.5	< 0.7	< 1.3	< 2.5	< 1	< 1	< 0.3	< 1.2	< 0.3	< 1.8	0
7/1/1992		8260	< 1.2	< 0.5	< 0.7	< 1.3	< 2.5	< 1	< 1	< 0.3	< 1.2	< 0.3	< 1.8	0
10/1/1992		8260	< 1.2	< 0.5	< 0.7	< 1.3	< 2.5	< 1	< 1	< 0.3	< 1.2	< 0.3	< 1.8	0
1/1/1993		8260	< 1.2	< 0.5	0.87	< 1.3	< 2.5	< 1	8.3	1.1	1.7	< 0.3	< 1.8	11.97
3/30/1993		8260	< 1.2	< 0.5	0.87	< 1.3	< 2.5	< 1	7.2	< 0.5	< 1.2	< 0.3	< 1.8	8.07
6/29/1993		8260	< 1.2	< 0.5	< 0.7	< 1.3	< 2.5	1.3	26	3.9	5.5	< 0.3	< 1.8	36.7
10/4/1993		8260	< 1.2	< 0.5	< 0.7	< 1.3	< 2.5	< 1	8.8	< 0.5	25	< 0.3	< 1.8	33.8
7/7/1994		8260	< 1.2	< 0.5	< 0.7	< 1.3	< 2.5	1.3	40	< 0.5	120	< 0.3	< 2.8	161.3
6/27/1995		8260	< 1	< 1	< 1	< 1	< 1	3	56	< 1	12	5.4	< 2	76.4
7/16/1996		8260	< 1.2	0.8	< 1	< 0.7	< 2.5	2.4	32	< 0.64	9.2	< 0.79	< 1.8	44.4
7/10/1997		8260	< 1.2	0.5	< 1	< 0.7	< 2.5	2.5	53	< 0.64	3.5	< 0.79	< 1.8	59.5
7/24/1998		8260	< 1.2	< 0.5	< 1	< 0.7	< 2.5	2.1	51	< 0.64	9.7	< 0.79	< 1.8	62.8
7/20/1999		8260	< 1.2	< 0.5	< 1	< 0.7	< 2.5	1.4	29	< 0.64	9	< 0.79	3.5 J	42.9
10/12/1999		8260	< 1.2	< 1	< 1	< 1	< 2.5	< 1	31	< 1	< 1.2	< 1	7.1	38.1
1/27/2000	A0057803	8021	< 1.2	< 1	1.1	< 1	< 2.5	0.57 J	13	0.35 J	< 1.2	< 1	9.9	24.92
4/18/2000	A0259415	8021	< 1.2	< 1	5.1	< 1	< 2.5	4.8	37	< 1	< 1.2	< 1	9.9	56.8
7/13/2000	A0492201	8021	< 1.2	< 1	0.98 J	< 1	< 2.5	0.36 J	14	< 1	1.2	< 1	7.8	24.34
10/19/2000	A0751319	8021	< 1.2	< 1	1.4	< 1	< 2.5	0.48 J	12	0.32 J	0.24 J	< 1	11	25.44
1/11/2001	A1035105	8021	< 1.2	< 1	2.2	< 1	< 2.5	1.2	12	1.6	< 1.2	< 1	13	30
4/19/2001	A1361313	624	< 0.24	< 0.3	0.38	< 0.28	< 0.5	< 0.36	2.5	< 0.22	0.24	< 0.22	3.4	6.52
7/12/2001	A1663803	8021	< 1.2	< 1	1.9	< 1	< 2.5	0.51 J	12	0.47 J	0.56 J	< 1	15	30.44
10/12/2001	A1A01001	8021	< 1.2	< 1	1	< 1	< 2.5	1	28	< 1	0.71 J	< 1	13	43.71
1/14/2002	A2039402	8021	< 1.2	< 1	0.73 J	< 1	< 2.5	2.4	61 D	< 1	1.8	< 1	17	82.93
4/8/2002	A2332602	8260	< 1.2	< 1	0.59 J	< 1	< 2.5	2.8	56	< 1	1.7	< 1	12	73.09
7/8/2002	A2695503	8021	< 1.2	< 1	< 1	< 1	< 2.5	1.9	59	< 1	< 1.2	< 1	22	82.9
10/2/2002	A2980603	8021	< 1.2	< 1	0.62 J	< 1	< 2.5	2.2	30	< 1	0.82 J	< 1	14	47.64
1/13/2003	A3038004	8021	< 1.2	< 1	0.62 J	< 1	< 2.5	1.4	18	< 1	< 1.2	< 1	14	34.02
4/21/2003	A3370801	8021	< 1.2	< 1	0.44 J	< 1	1.8 J	3.3	78	< 1	4.9	< 1	18	106.44
7/14/2003	A3670602	8021	< 1.2	< 1	< 1	< 1	< 2.5	2.6	78	< 1	< 1.2	< 1.3	12	92.6
10/15/2003	A3998705	8021	< 1.2	< 1	< 1	< 1	< 2.5	< 1	36	< 1	< 1.2	< 1	19	55
1/7/2004	A4012302	8021	< 1.2	< 1	< 1	< 1	< 2.5	5.7	120	< 1	< 1.2	< 1	6.1	131.8

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3) The method change to 8260 was approved by the NYSDEC and changed in January 2005.

B - The analyte is present in the associated method blank.
D - Result reported from a secondary dilution analysis.
E - Concentration exceeds the calibration range; Result is estimated.
J - Indicates an estimated value.
µg/L - micrograms per liter

Well ID: **B-18M**

Date	Lab Sample ID	Method	Carbon tetrachloride (µg/L)	Chloroform (µg/L)	1,1-Dichloroethane (µg/L)	1,1-Dichloroethene (µg/L)	Methylene chloride (µg/L)	trans-1,2-Dichloroethene (µg/L)	cis-1,2-Dichloroethene (µg/L)	1,1,1-Trichloroethane (µg/L)	Trichloroethene (µg/L)	Tetrachloroethene (µg/L)	Vinyl chloride (µg/L)	Total
4/29/2004	A4402301	8021	< 1.2	< 1	< 1	< 1	< 2.5	1.8	26	< 1	< 1.2	< 1	16	43.8
7/14/2004	A4664201	8021	< 1.2	< 1	< 1	< 1	< 2.5	2.4	13	< 1	< 1.2	< 1	11	26.4
10/15/2004	A4A20701	8021	< 1	< 1	< 1	< 1	1.2	1.4	33	< 1	< 1	< 1	9	44.6
1/12/2005	A5036402	8260	< 1.2	< 1	< 1	< 1	< 2.5	2.9	45	< 1	< 1.2	< 1	9	56.9
4/4/2005	A5307809	8260	< 1.2	< 1	< 1	< 1	< 2.5	4.7	72	< 1	< 1.2	< 1	11	87.7
7/15/2005	A5747001	8260	< 1.2	< 1	< 1	< 1	1.8 J	6.6	75 D	< 1	< 1.2	< 1	32	115.4
7/14/2006	6G14010-03	8260	< 1	< 1	< 1	< 1	< 2	2	23	< 1	1	< 1	9	35
7/5/2007	7G06018-01	8260	< 1	< 1	< 1	< 1	< 2	1	27	< 1	< 1	< 1	11	39
7/23/2008	5423260	8260	< 1	< 0.8	< 1	< 0.8	< 2	1.1 J	26	< 0.8	< 1	< 0.8	11	38.1
7/7/2009	5718468	8260	< 1	< 0.8	< 1	< 0.8	< 2	< 0.8	11	< 0.8	< 1	< 0.8	5.5	16.5
7/15/2010	6033922	8260	< 1	< 0.8	< 1	< 0.8	< 2	< 0.8	6.5	< 0.8	< 1	< 0.8	5.4	11.9
7/18/2011	6348765	8260	< 1	< 0.8	< 1	< 0.8	< 2	< 0.8	8.1	< 0.8	< 1	< 0.8	4.6 J	12.7
7/16/2012	6722031	8260	< 1	< 0.8	< 1	< 0.8	< 2	< 0.8	7	< 0.8	< 1	< 0.8	4 J	11
7/2/2013	7117032	8260	< 1	< 0.8	< 1	< 0.8	< 2	< 0.8	6.8	< 0.8	29	< 0.8	1.7 J	37.5
7/9/2014	7527877	8260	< 0.5	< 0.5	< 0.5	< 0.5	< 2	1.7	40	< 0.5	4.5	< 0.5	14	60.2
7/13/2015	7965566	SW8260C	< 0.5	< 0.5	< 0.5	< 0.5	< 2	0.64 J	16	< 0.5	< 0.5	< 0.5	7.4	24.04
12/8/2016	240-73270-8	8260C	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	0.49 J	16	< 1.0	< 1.0	< 1.0	11	27.49
5/2/2017	240-79083-1	8260C	< 1.7	< 1.7	< 1.7	< 1.7	< 1.7	1.8	72	< 1.7	< 1.7	< 1.7	27	100.8
4/17/2018	240-94331-19	8260C	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	0.83 J	25	< 1.0	< 1.0	< 1.0	17	42.83
8/22/2018	240-100303-3	8260C	< 1.0	< 1.0	< 1.0	< 1.0	< 5.0	0.32 J	6.9	< 1.0	0.14 J	< 1.0	8	15.36
9/28/2018	240-102127-3	8260C	< 1.0	< 1.0	< 1.0	< 1.0	< 5.0	1.2	65	< 1.0	0.18 J	< 1.0	29	95.38
10/30/2018	240-103813-3	8260C	< 1.0	< 1.0	< 1.0	< 1.0	< 5.0	1.4	77	< 1.0	< 1.0	< 1.0	29	107.4
1/29/2019	240-107569-4	8260C	< 2.5	< 2.5	< 2.5	< 2.5	< 13	1.0 J	59	< 2.5	40	< 2.5	< 2.5	100
4/4/2019	240-110627-10	8260C	< 2.0	< 2.0	< 2.0	< 2.0	< 10	1.9 J	100	< 2.0	< 2.0	< 2.0	28	129.9
3/31/2020	240-128375-8	8260C	< 1	< 1	< 1.0	< 1.0	< 5	< 1.0	41	< 1.0	< 1.0	< 1.0	3	44
10/27/2020	240-139061-8	8260C	< 1.0	< 1.0	< 1.0	< 1.0	< 5.0	0.41 J	26	< 1.0	< 1.0	< 1.0	21	47.41
4/22/2021	240-148022-2	8260C	< 4.0	< 4.0	< 4.0	< 4.0	< 20	1.0 J	79	< 4.0	< 4.0	< 4.0	20	100
6/28/2021	240-152161-1	8260C	< 4.0	< 4.0	< 4.0	< 4.0	< 20	< 4.0	88	< 4.0	< 4.0	< 4.0	27	115
7/26/2021	240-153555-2	8260C	< 4.0	< 4.0	< 4.0	< 4.0	< 20	< 4.0	93	< 4.0	< 4.0	< 4.0	28	121
8/23/2021	240-155061-2	8260C	< 4.0	< 4.0	< 4.0	< 4.0	< 20	< 4.0	96	< 4.0	< 4.0	< 4.0	24	120
10/25/2021	240-158968-2	8260C	< 4.0	< 4.0	< 4.0	< 4.0	15 J	< 4.0	89	< 4.0	< 4.0	< 4.0	27	131
4/14/2022	240-165119-2	8260C	< 4.0	< 4.0	< 4.0	< 4.0	< 20	< 4.0	93	< 4.0	< 4.0	< 4.0	23	116
3/23/2023	240-182590-37	8260D	< 4.0	< 4.0	< 4.0	< 4.0	< 20	< 4.0	98	< 4.0	< 4.0	< 4.0	22	120

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E - Concentration exceeds the calibration range; Result is estimated.
J - Indicates an estimated value.
µg/L - micrograms per liter

MONITORING WELL GROUNDWATER ANALYTICAL RESULT SUMMARY
FORMER CARBORUNDUM COMPANY
SANBORN, NEW YORK

Well ID: **B-19M**

Date	Lab Sample ID	Method	Carbon tetrachloride (µg/L)	Chloroform (µg/L)	1,1-Dichloroethane (µg/L)	1,1-Dichloroethene (µg/L)	Methylene chloride (µg/L)	trans-1,2-Dichloroethene (µg/L)	cis-1,2-Dichloroethene (µg/L)	1,1,1-Trichloroethane (µg/L)	Trichloroethene (µg/L)	Tetrachloroethene (µg/L)	Vinyl chloride (µg/L)	Total
11/1/1988		8260	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	3	< 5	< 1	3
12/1/1988		8260	< 0.5	< 0.5	15	< 1	2.1	< 5	30	14	7.6	< 5	< 2	68.7
1/1/1989		8260	< 0.1	< 5	11	< 0.1	0.2	0.5	27	23	17	< 0.03	4.2	82.9
4/1/1989		8260	< 0.1	< 0.05	66	4.8	< 0.1	0.5	100	70	120	< 0.03	6.9	368.2
7/1/1989		8260	< 1.2	< 0.5	41	2.8	< 2.5	2.1	140	55	320	< 0.3	11	571.9
10/1/1989		8260	< 1	< 0.5	41	2.2	< 1	2.6	100	47	260	< 0.3	3.4	456.2
1/1/1990		8260	< 5	19	150	16	< 25	6.2	220	200	310	< 1.5	31	952.2
4/1/1990		8260	< 5	< 2.5	82	5.9	< 25	< 5	300	140	820	4.6	19	1371.5
7/1/1990		8260	< 5	< 2.5	55	< 5	< 25	5.9	200	100	850	< 1.5	< 5	1210.9
10/1/1990		8260	< 5	< 2.5	89	27	< 5	< 5	180	110	570	< 1.5	< 5	976
1/1/1991		8260	< 10	< 5	150	< 10	< 50	< 10	400	300	890	< 3	24	1764
5/1/1991		8260	< 24	14	31	< 26	< 50	< 20	66	69	370	< 6	< 36	550
7/1/1991		8260	< 120	< 50	< 70	< 130	< 250	< 100	< 100	170	940	< 30	< 180	1110
10/1/1991		8260	< 60	< 25	< 35	< 65	< 130	< 50	140	50	510	< 15	< 90	700
1/1/1992		8260	< 12	< 5	< 7	< 13	< 25	< 10	210	19	36	< 3	31	296
4/1/1992		8260	< 120	< 50	97	< 130	< 250	< 100	460	360	1500	< 30	< 180	2417
7/1/1992		8260	< 120	< 50	< 70	< 130	< 250	< 100	250	< 200	1700	< 30	< 180	1950
10/1/1992		8260	< 1.2	1.8	42	4.1	< 2.5	2.3	200	120	1100	< 0.3	5.3	1475.5
1/1/1993		8260	< 12	< 5	52	< 13	< 25	< 10	280	120	1300	< 3	< 18	1752
3/30/1993		8260	< 12	< 5	45	< 13	< 25	< 10	230	81	600	< 3	< 18	956
5/5/1993		8260	< 2.4	1.2	29	< 4.1	1.1	2.1	220	45	530	< 0.6	< 3.6	828.4
6/3/1993		8260	< 12	< 5	35	< 13	42	< 10	180	63	930	< 3	< 18	1250
6/28/1993		8260	< 12	< 5	24	< 13	< 25	< 10	160	38	410	< 3	< 18	632
8/5/1993		8260	< 1.2	< 0.5	1.3	< 1.3	< 2.5	< 1	17	1.8	18	< 0.3	< 1.8	38.1
10/7/1993		8260	< 1.2	< 0.5	2.6	< 1.3	< 2.5	< 1	37	3.4	21	< 0.3	< 1.8	64
7/7/1994		8260	< 1.2	< 0.5	1.1	< 1.3	< 2.5	< 1	7.8	1.5	8	< 0.3	1.8	20.2
6/27/1995		8260	< 1	< 1	< 1	< 1	< 1	< 1	2.9	< 1	1.3	< 1	< 2	4.2
7/16/1996		8260	< 1.2	< 0.5	< 1	< 0.7	< 2.5	< 1	11	1.2	1.6	< 0.79	< 1.8	13.8
7/14/1997		8260	< 1.2	< 0.5	< 1	< 0.7	< 2.5	< 1	4	< 0.64	1.8	< 0.79	< 1.8	5.8
7/24/1998		8260	< 1.2	< 0.5	< 1	< 0.7	< 2.5	< 1	5	< 0.64	< 1.2	< 0.79	< 1.8	5
7/19/1999		8260	< 1.2	< 0.5	< 1	< 0.7	< 2.5	< 1	3	0.79 J	< 1.2	< 0.79	< 1.8	3.79
10/13/1999		8260	< 1.2	< 1	1.9	< 1	< 2.5	< 1	21	1.6	0.84 J	< 1	9.8	35.14
1/27/2000	A0057802	8021	< 1.2	< 1	1	0.32 J	< 2.5	< 1	13	0.77 J	0.48 J	< 1	3.2	18.77
4/20/2000	A0263901	8021	< 1.2	< 1	2	< 1	< 2.5	< 1	23	1.5	2.6	< 1	4	33.1
7/17/2000	A0500404	8021	< 1.2	< 1	0.53 J	< 1	< 2.5	< 1	12	0.4 J	1.1 J	< 1	1.9	15.93
10/19/2000	A0751320	8021	< 1.2	< 1	< 1	< 1	< 2.5	< 1	4.4	< 1	< 1.2	< 1	< 1.8	4.4
1/12/2001	A1035110	8021	< 1.2	< 1	1.4	< 1	< 2.5	< 1	6.4	1.5	0.32 J	< 1	1.4 J	11.02
4/19/2001	A1361309	624	< 0.24	< 0.3	< 0.36	< 0.28	< 0.5	< 0.36	1.3	< 0.22	< 0.24	< 0.22	< 0.36	1.3
7/12/2001	A1663806	8021	< 1.2	< 1	0.32 J	< 1	< 2.5	< 1	5.5	0.27 J	0.95 J	< 1	0.56 J	7.6
10/12/2001	A1A01005	8021	< 1.2	< 1	< 1	< 1	< 2.5	< 1	2.4	< 1	0.25 J	< 1	0.24 J	2.89
1/14/2002	A2039401	8021	< 1.2	< 1	0.25 J	< 1	< 2.5	< 1	3.4	0.25 J	0.98 J	< 1	1 J	5.88
4/8/2002	A2332601	8260	< 1.2	< 1	0.37 J	< 1	< 2.5	< 1	3.4	0.22 J	0.37 J	0.24 J	0.35 J	4.95
7/8/2002	A2695501	8021	< 1.2	< 1	< 1	< 1	< 2.5	< 1	4.6	< 1	< 1.2	< 1	< 1.8	4.6
10/2/2002	A2980601	8021	< 1.2	< 1	0.32 J	< 1	< 2.5	< 1	4.2	0.36 J	1.1 J	< 1	0.43 J	6.41
1/13/2003	A3038002	8021	< 1.2	< 1	< 1	< 1	< 2.5	< 1	2.9	< 1	1.4	< 1	0.37 J	4.67
4/22/2003	A3376401	8021	< 1.2	< 1	0.31 J	< 1	< 2.5	< 1	4.6	0.33 J	< 1.2	< 1	0.92 J	6.16

< - Indicates parameter was analyzed for, but not detected at or above the reporting limit
To Address the NYSDEC concerns regarding the presentation and plotting of non-detected values, the data for 2001 to 2004 has been reevaluated and interpreted as follows:
1) Non-detected concentrations have been represented as '<' for reporting purposes.
2) Total VOCs have been recalculated and represented as the sum of the detected parameters shown on this table.
3) The method change to 8260 was approved by the NYSDEC and changed in January 2005.

B - The analyte is present in the associated method blank.
D - Result reported from a secondary dilution analysis.
E - Concentration exceeds the calibration range; Result is estimated.
J - Indicates an estimated value.
µg/L - micrograms per liter

Well ID: **B-19M**

Date	Lab Sample ID	Method	Carbon tetrachloride (µg/L)	Chloroform (µg/L)	1,1-Dichloroethane (µg/L)	1,1-Dichloroethene (µg/L)	Methylene chloride (µg/L)	trans-1,2-Dichloroethene (µg/L)	cis-1,2-Dichloroethene (µg/L)	1,1,1-Trichloroethane (µg/L)	Trichloroethene (µg/L)	Tetrachloroethene (µg/L)	Vinyl chloride (µg/L)	Total
7/14/2003	A3670601	8021	< 1.2	< 1	0.24 J	< 1	< 2.5	< 1	4.9	0.21 J	0.28 J	< 1	0.51 J	6.14
10/15/2003	A3998704	8021	< 1.2	< 1	< 1	< 1	< 2.5	< 1	3.4	< 1	< 1.2	< 1	< 1.8	3.4
1/7/2004	A4012301	8021	< 1.2	< 1	< 1	< 1	< 2.5	< 1	2.4	< 1	< 1.2	< 1	< 1.8	2.4
4/27/2004	A4387401	8021	< 1.2	< 1	< 1	< 1	< 2.5	< 1	7.2	< 1	< 1.2	< 1	< 1.8	7.2
7/13/2004	A4664209	8021	< 1.2	< 1	< 1	< 1	< 2.5	< 1	5.4	< 1	< 1.2	< 1	< 1.8	5.4
10/13/2004	A4A09501	8021	< 1	< 1	< 1	< 1	< 1	< 1	11	0.57 J	< 1	< 1	1	12.57
1/12/2005	A5036401	8260	< 1.2	< 1	< 1	< 1	< 2.5	< 1	3.7	< 1	0.41 J	< 1	0.98 J	5.09
4/4/2005	A5307808	8260	< 1.2	< 1	< 1	< 1	< 2.5	< 1	3.7	< 1	0.32 BJ	< 1	0.75 J	4.77
7/21/2005	A5768301	8260/5M	< 1.2	< 1	< 1	< 1	< 2.5	< 1	6.3	< 1	< 1.2	< 1	1 J	7.3
10/20/2005	A5B91902	8260	< 1.2	< 1	< 1	< 1	< 2.5	< 1	4	< 1	0.51 J	< 1	0.92 J	5.43
1/24/2006	A6089112	8260	< 1.2	< 1	< 1	< 1	< 2.5	< 1	4.2	< 1	0.56 J	< 1	1.3 J	6.06
4/18/2006	6D19002-04	8260	< 1	< 1	< 1	< 1	2	< 1	3	< 1	< 1	< 1	< 2	5
7/14/2006	6G14010-06	8260	< 1	< 1	< 1	< 1	8	< 1	3	< 1	< 1	< 1	< 2	11
10/11/2006	6J12003-08	8260	< 1	< 1	< 1	< 1	< 2	< 1	5	< 1	1	< 1	< 2	6
1/8/2007	7A09003-05	8260	< 1	< 1	< 1	< 1	< 2	< 1	3	< 1	< 1	< 1	< 2	3
4/12/2007	7D13007-02	8260	< 1	< 1	< 1	< 1	8	< 1	4	< 1	< 1	< 1	< 2	12
7/10/2007	7G11015-05	8260	< 1	< 1	< 1	< 1	< 2	< 1	3	< 1	4	< 1	< 2	7
10/9/2007	7J10006-03	8260	< 1	< 1	< 1	< 1	< 2	< 1	2	< 1	16	< 1	< 2	18
1/7/2008	8A08003-05	8260	< 1	< 1	< 1	< 1	2	< 1	3	< 1	< 1	< 1	< 2	5
4/10/2008	8D11008-02	8260	< 1	< 1	< 1	< 1	< 2	< 1	4	< 1	< 1	< 1	< 2	4
7/16/2008	5417449	8260	< 1	< 0.8	< 1	< 0.8	< 2	< 0.8	2.5 J	< 0.8	< 1	< 0.8	< 1	2.5
10/15/2008	5499969	8260	< 1	< 0.8	< 1	< 0.8	< 2	< 0.8	3.8 J	< 0.8	2.2 J	< 0.8	< 1	6
1/14/2009	5577589	8260	< 1	< 0.8	< 1	< 0.8	< 2	< 0.8	2.6 J	< 0.8	< 1	< 0.8	< 1	2.6
4/14/2009	5646769	8260	< 1	< 0.8	< 1	< 0.8	< 2	< 0.8	3.5 J	< 0.8	< 1	< 0.8	1.3 J	4.8
7/9/2009	5720693	8260	< 1	< 0.8	< 1	< 0.8	< 2	< 0.8	2.8 J	< 0.8	< 1	< 0.8	< 1	2.8
10/5/2009	5797964	8260	< 1	< 0.8	< 1	< 0.8	< 2	< 0.8	2.7 J	< 0.8	< 1	< 0.8	< 1	2.7
1/25/2010	5892344	8260	< 1	< 0.8	< 1	< 0.8	< 2	< 0.8	2.1 J	< 0.8	< 1	< 0.8	< 1	2.1
4/13/2010	5953087	8260	< 1	< 0.8	< 1	< 0.8	< 2	< 0.8	2 J	< 0.8	< 1	< 0.8	< 1	2
7/14/2010	6032693	8260	< 1	< 0.8	< 1	< 0.8	< 2	< 0.8	2.8 J	< 0.8	< 1	< 0.8	< 1	2.8
10/14/2010	6113368	8260	< 1	< 0.8	< 1	< 0.8	< 2	1.9 J	120	< 0.8	25	< 0.8	1.6 J	148.5
1/25/2011	6191896	8260	< 1	< 0.8	< 1	< 0.8	< 2	< 0.8	15	< 0.8	1.9 J	< 0.8	< 1	16.9
4/18/2011	6261650	8260	< 1	< 0.8	< 1	< 0.8	< 2	< 0.8	2.4 J	< 0.8	< 1	< 0.8	< 1	2.4
7/12/2011	6342653	8260	< 1	< 0.8	< 1	< 0.8	< 2	< 0.8	2.8 J	< 0.8	< 1	< 0.8	< 1	2.8
10/11/2011	6434703	8260	< 1	< 0.8	< 1	< 0.8	< 2	< 0.8	3.7 J	< 0.8	< 1	< 0.8	1.1 J	4.8
1/17/2012	6524429	8260	< 1	< 0.8	< 1	< 0.8	< 2	< 0.8	2.9 J	< 0.8	< 1	< 0.8	< 1	2.9
4/10/2012	6612009	8260	< 1	< 0.8	< 1	< 0.8	< 2	< 0.8	3.9 J	< 0.8	1.1 J	< 0.8	1.1 J	6.1
1/22/2013	6931416	8260	< 1	< 0.8	< 1	< 0.8	< 2	< 0.8	0.81 J	< 0.8	< 1	< 0.8	< 1	0.81
4/3/2013	7010221	8260	< 1	< 0.8	< 1	< 0.8	< 2	< 0.8	2.5 J	< 0.8	1.4 J	< 0.8	< 1	3.9
7/8/2013	7120734	8260	< 1	< 0.8	< 1	< 0.8	< 2	< 0.8	2.9 J	< 0.8	< 1	< 0.8	< 1	2.9
11/13/2013	7276544	8260	< 1	< 0.8	< 1	< 0.8	< 2	< 0.8	2.9 J	< 0.8	2.1 J	< 0.8	< 1	5
1/16/2014	7340026	8260	< 1	< 0.8	< 1	< 0.8	< 2	< 0.8	3.1 J	< 0.8	1.9 J	< 0.8	< 1	5
4/24/2014	7442061	8260	< 0.5	< 0.5	< 0.5	< 0.5	< 2	< 0.5	1.6	< 0.5	< 0.5	< 0.5	< 0.5	1.6
7/8/2014	7526294	8260	< 0.5	< 0.5	< 0.5	< 0.5	< 2	< 0.5	2.8	< 0.5	0.95 J	< 0.5	< 0.5	3.75
10/3/2014	7625309	8260	< 0.5	< 0.5	< 0.5	< 0.5	< 2	< 0.5	2.4	< 0.5	< 0.5	< 0.5	0.55 J	2.95
1/7/2015	7732745	8260	< 0.5	< 0.5	< 0.5	< 0.5	< 2	< 0.5	2.2	< 0.5	0.54 J	< 0.5	0.76 J	3.5
4/16/2015	7850971	8260	< 0.5	< 0.5	< 0.5	< 0.5	< 2	< 0.5	2.9	< 0.5	3.8	< 0.5	0.55 J	7.25
7/8/2015	7960008	SW8260C	< 0.5	< 0.5	< 0.5	< 0.5	< 2	< 0.5	1.1	< 0.5	< 0.5	< 0.5	< 0.5	1.1
4/26/2017	240-78855-8	8260C	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	1.1	< 1.0	< 1.0	< 1.0	0.71 J	1.81
4/16/2018	240-94331-5	8260C	< 1.0	< 1.0	0.26 J	< 1.0	< 1.0	< 1.0	2.6	< 1.0	< 1.0	< 1.0	0.64 J	3.5

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E - Concentration exceeds the calibration range; Result is estimated.
J - Indicates an estimated value.
µg/L - micrograms per liter

Well ID: **B-19M**

Date	Lab Sample ID	Method	Carbon tetrachloride (µg/L)	Chloroform (µg/L)	1,1-Dichloroethane (µg/L)	1,1-Dichloroethene (µg/L)	Methylene chloride (µg/L)	trans-1,2-Dichloroethene (µg/L)	cis-1,2-Dichloroethene (µg/L)	1,1,1-Trichloroethane (µg/L)	Trichloroethene (µg/L)	Tetrachloroethene (µg/L)	Vinyl chloride (µg/L)	Total
4/9/2019	240-110803-16	8260C	< 1.0	< 1.0	< 1.0	< 1.0	< 5.0	< 1.0	0.80 J	< 1.0	0.31 J	< 1.0	< 1.0	1.11
3/30/2020	240-128375-9	8260C	< 1	< 1	0.21 J	< 1.0	< 5	< 1.0	2.2	< 1.0	< 1.0	< 1.0	0.76 J	3.17
4/22/2021	240-148022-4	8260C	< 1.0	< 1.0	0.33 J	< 1.0	< 5.0	< 1.0	3	< 1.0	0.21 J	< 1.0	0.89 J	4.43
6/28/2021	240-152171-1	8260C	< 1.0	< 1.0	< 1.0	< 1.0	< 5.0	< 1.0	1.8	< 1.0	< 1.0	< 1.0	0.71 J	2.51
7/26/2021	240-153558-1	8260C	< 1.0	< 1.0	< 1.0	< 1.0	< 5.0	< 1.0	2.8	< 1.0	< 1.0	< 1.0	0.91 J	3.71
8/24/2021	240-155063-3	8260C	< 1.0	< 1.0	< 1.0	< 1.0	< 5.0	< 1.0	2.1	< 1.0	< 1.0	< 1.0	1.3	3.4
10/25/2021	240-158965-2	8260C	< 1.0	< 1.0	< 1.0	< 1.0	< 5.0	< 1.0	2.8	< 1.0	< 1.0	< 1.0	0.91 J	3.71
4/14/2022	240-165119-5	8260C	< 1.0	< 1.0	< 1.0	< 1.0	< 5.0	< 1.0	2.6	< 1.0	< 1.0	< 1.0	1.9	4.5
3/20/2023	240-182590-38	8260D	< 1.0	< 1.0	< 1.0	< 1.0	< 5.0	< 1.0	1.7	< 1.0	< 1.0	< 1.0	1	2.7

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E - Concentration exceeds the calibration range; Result is estimated.
J - Indicates an estimated value.
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MONITORING WELL GROUNDWATER ANALYTICAL RESULT SUMMARY
FORMER CARBORUNDUM COMPANY
SANBORN, NEW YORK

Well ID: B-20M

Date	Lab Sample ID	Method	Carbon tetrachloride (µg/L)	Chloroform (µg/L)	1,1-Dichloroethane (µg/L)	1,1-Dichloroethene (µg/L)	Methylene chloride (µg/L)	trans-1,2-Dichloroethene (µg/L)	cis-1,2-Dichloroethene (µg/L)	1,1,1-Trichloroethane (µg/L)	Trichloroethene (µg/L)	Tetrachloroethene (µg/L)	Vinyl chloride (µg/L)	Total
11/1/1988		8260	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	3	< 5	< 1	3
12/1/1988		8260	< 0.4	< 0.4	< 0.4	< 0.8	3.8	< 0.4	< 0.4	< 0.4	< 0.4	< 5	< 2	3.8
1/1/1989		8260	< 0.1	< 5	< 0.07	< 0.1	0.2	< 0.1	< 0.1	< 0.03	0.5	< 0.03	< 0.2	0.7
4/1/1989		8260	< 0.1	< 0.5	< 0.07	< 0.03	< 0.1	< 0.1	< 0.1	< 0.03	< 0.1	< 0.03	< 0.2	0
7/1/1989		8260	< 1.2	< 0.5	< 0.7	< 1.3	26	< 1	< 1	< 0.3	< 1.2	< 0.3	< 1.8	26
10/1/1989		8260	< 1	< 0.5	< 0.7	< 1	< 1	< 1	< 1	< 0.3	< 1	< 0.3	< 1	0
1/1/1990		8260	< 1	0.6	< 0.7	< 1	< 5	< 1	< 1	< 0.3	< 1	< 0.3	< 1	0.6
4/1/1990		8260	< 1	< 0.5	< 0.7	< 1	< 5	< 1	< 1	< 0.3	< 1	< 0.3	< 1	0
7/1/1990		8260	< 1	< 0.5	< 0.7	< 1	< 5	< 1	< 1	< 0.3	< 1	< 0.3	< 1	0
10/1/1990		8260	< 1	< 0.5	< 0.7	< 1	< 1	< 1	< 1	< 0.3	< 1	< 0.3	< 1	0
1/1/1991		8260	< 1	< 0.5	< 0.7	< 1	< 5	< 1	< 1	< 0.3	< 1	< 0.3	< 1	0
5/1/1991		8260	< 1.2	< 0.5	< 0.7	< 1.3	< 2.5	< 1	< 1	< 0.3	< 1.2	< 0.3	< 1.8	0
7/1/1991		8260	< 1.2	< 0.5	< 0.7	< 1.3	< 2.5	< 1	< 1	< 0.3	< 1.2	< 0.3	< 1.8	0
10/1/1991		8260	< 1.2	< 0.5	< 0.7	< 1.3	< 2.5	< 1	< 1	< 0.3	< 1.2	< 0.3	< 1.8	0
1/1/1992		8260	< 1.2	< 0.5	< 0.7	< 1.3	< 2.5	< 1	< 1	< 0.3	< 1.2	< 0.3	< 1.8	0
4/1/1992		8260	< 1.2	< 0.5	< 0.7	< 1.3	< 2.5	< 1	< 1	< 0.3	< 1.2	< 0.3	< 1.8	0
7/1/1992		8260	< 1.2	< 0.5	< 0.7	< 1.3	< 2.5	< 1	< 1	0.9 A	< 1.2	< 0.3	< 1.8	0.9
10/1/1992		8260	< 1.2	< 0.5	< 0.7	< 1.3	< 2.5	< 1	< 1	< 0.3	< 1.2	< 0.3	< 1.8	0
1/1/1993		8260	< 1.2	< 0.5	< 0.7	< 1.3	< 2.5	< 1	< 1	< 0.3	< 1.2	< 0.3	< 1.8	0
3/31/1993		8260	< 1.2	< 0.5	< 0.7	< 1.3	< 2.5	< 1	< 1	< 0.5	< 1.2	< 0.3	< 1.8	0
6/30/1993		8260	< 1.2	< 0.5	< 0.7	< 1.3	< 2.5	< 1	< 1	< 0.5	< 1.2	< 0.3	< 1.8	0
10/7/1993		8260	< 1.2	< 0.5	< 0.7	< 1.3	< 2.5	< 1	< 1	< 0.5	< 1.2	< 0.3	< 1.8	0
7/6/1994		8260	< 1.2	< 0.5	< 0.7	< 1.3	< 2.5	< 1	< 1	< 0.5	< 1.2	< 0.3	< 1.8	0
6/27/1995		8260	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 2	0
7/11/1996		8260	< 1.2	< 0.5	< 1	< 0.7	< 2.5	< 1	< 1	< 0.64	< 1.2	< 0.79	< 1.8	0
7/10/1997		8260	< 1.2	< 0.5	< 1	< 0.7	< 2.5	< 1	< 1	< 0.64	< 1.2	< 0.79	< 1.8	0
7/24/1998		8260	< 1.2	< 0.5	< 1	< 0.7	< 2.5	< 1	< 1	< 0.64	< 1.2	< 0.79	< 1.8	0
7/28/1999		8260	< 1.2	< 0.5	< 1	< 0.7	< 2.5	< 1	< 1	< 0.64	< 1.2	< 0.79	< 1.8	0
10/14/1999		8260	< 1.2	< 1	< 1	< 1	< 2.5	< 1	< 1	< 1	< 1.2	< 1	< 1.8	0
1/28/2000	A0057801	8021	< 1.2	< 1	< 1	< 1	< 2.5	< 1	< 1	< 1	< 1.2	< 1	< 1.8	0
4/19/2000	A0259403	8021	< 1.2	< 1	< 1	< 1	< 2.5	< 1	< 1	< 1	0.26 J	< 1	< 1.8	0.26
7/11/2000	A0483112	8021	< 1.2	< 1	< 1	< 1	< 2.5	< 1	< 1	< 1	0.67 J	< 1	< 1.8	0.67
10/20/2000	A0754602	8021	< 1.2	< 1	< 1	< 1	< 2.5	< 1	< 1	< 1	< 1.2	< 1	< 1.8	0
1/16/2001	A1043906	8021	< 1.2	< 1	< 1	< 1	< 2.5	< 1	< 1	< 1	< 1.2	< 1	< 1.8	0
4/16/2001	A1345807	624	< 1.2	< 1.5	< 1.8	< 1.4	< 2.5	< 1.8	< 1.4	< 1.1	< 1.2	< 1.1	< 1.8	0
7/13/2001	A1663809	8021	< 1.2	< 1	< 1	< 1	< 2.5	< 1	< 1	< 1	< 1.2	< 1	< 1.8	0
10/10/2001	A1994703	8021	< 1.2	< 1	< 1	< 1	< 2.5	< 1	< 1	< 1	< 1.2	< 1	< 1.8	0
1/17/2002	A2058502	8021	< 1.2	< 1	< 1	< 1	< 2.5	< 1	< 1	< 1	< 1.2	< 1	< 1.8	0
4/9/2002	A2332612	8260	< 1.2	< 1	< 1	< 1	< 2.5	< 1	< 1	< 1	< 1.2	< 1	< 1.8	0
7/9/2002	A2695510	8021	< 1.2	< 1	< 1	< 1	< 2.5	< 1	< 1	< 1	< 1.2	< 1	< 1.8	0
10/3/2002	A2980611	8021	< 1.2	< 1	< 1	< 1	< 2.5	< 1	< 1	< 1	< 1.2	< 1	< 1.8	0
1/15/2003	A3043008	8021	< 1.2	< 1	< 1	< 1	< 2.5	< 1	< 1	< 1	< 1.2	< 1	< 1.8	0
4/14/2003	A3347502	8021	< 1.2	< 1	< 1	< 1	< 2.5	< 1	< 1	< 1	< 1.2	< 1	< 1.8	0
7/15/2003	A3670608	8021	< 1.2	< 1	< 1	< 1	< 2.5	< 1	< 1	< 1	< 1.2	< 1	< 1.8	0
10/16/2003	A3A08901	8021	< 1.2	< 1	< 1	< 1	< 2.5	< 1	< 1	< 1	< 1.2	< 1	< 1.8	0
7/20/2004	A4682902	8021	< 1.2	< 1	< 1	< 1	< 2.5	< 1	< 1	< 1	< 1.2	< 1	< 1.8	0

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To Address the NYSDEC concerns regarding the presentation and plotting of non-detected values, the data for 2001 to 2004 has been reevaluated and interpreted as follows:
1) Non-detected concentrations have been represented as '<' for reporting purposes.
2) Total VOCs have been recalculated and represented as the sum of the detected parameters shown on this table.
3) The method change to 8260 was approved by the NYSDEC and changed in January 2005.

B - The analyte is present in the associated method blank.
D - Result reported from a secondary dilution analysis.
E - Concentration exceeds the calibration range; Result is estimated.
J - Indicates an estimated value.
µg/L - micrograms per liter

Well ID: **B-20M**

Date	Lab Sample ID	Method	Carbon tetrachloride (µg/L)	Chloroform (µg/L)	1,1-Dichloroethane (µg/L)	1,1-Dichloroethene (µg/L)	Methylene chloride (µg/L)	trans-1,2-Dichloroethene (µg/L)	cis-1,2-Dichloroethene (µg/L)	1,1,1-Trichloroethane (µg/L)	Trichloroethene (µg/L)	Tetrachloroethene (µg/L)	Vinyl chloride (µg/L)	Total
4/22/2005	A5402101	8260	< 1.2	< 1	< 1	< 1	< 2.5	< 1	< 1	< 1	< 1.2	< 1	< 1.8	0
7/22/2005	A5778401	8260/5M	< 1.2	< 1	< 1	< 1	< 2.5	< 1	< 1	< 1	< 1.2	< 1	< 1.8	0
7/18/2006	6G19003-10	8260	< 1	< 1	< 1	< 1	6 B	< 1	< 1	< 1	< 1	< 1	< 2	6
7/11/2007	7G12003-09	8260	< 1	< 1	< 1	< 1	< 2	< 1	< 1	< 1	< 1	< 1	< 2	0
7/22/2008	5422165	8260	< 1	< 0.8	< 1	< 0.8	< 2	< 0.8	< 0.8	< 0.8	< 1	< 0.8	< 1	0
7/9/2009	5720683	8260	< 1	< 0.8	< 1	< 0.8	< 2	< 0.8	< 0.8	< 0.8	< 1	< 0.8	< 1	0
7/20/2010	6038211	8260	< 1	< 0.8	< 1	< 0.8	< 2	< 0.8	< 0.8	< 0.8	< 1	< 0.8	< 1	0
7/21/2011	6353675	8260	< 1	< 0.8	< 1	< 0.8	< 2	< 0.8	< 0.8	< 0.8	< 1	< 0.8	< 1	0
7/17/2012	6723841	8260	< 1	< 0.8	< 1	< 0.8	< 2	< 0.8	< 0.8	< 0.8	< 1	< 0.8	< 1	0
7/15/2013	7128198	8260	< 1	< 0.8	< 1	< 0.8	< 2	< 0.8	< 0.8	< 0.8	< 1	< 0.8	< 1	0
7/10/2014	7529508	8260	< 0.5	< 0.5	< 0.5	< 0.5	< 2	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	0
7/6/2015	7956061	SW8260C	< 0.5	< 0.5	< 0.5	< 0.5	< 2	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	0

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To Address the NYSDEC concerns regarding the presentation and plotting of non-detected values, the data for 2001 to 2004 has been reevaluated and interpreted as follows:

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3) The method change to 8260 was approved by the NYSDEC and changed in January 2005.

B - The analyte is present in the associated method blank.
D - Result reported from a secondary dilution analysis.
E - Concentration exceeds the calibration range; Result is estimated.
J - Indicates an estimated value.
µg/L - micrograms per liter

MONITORING WELL GROUNDWATER ANALYTICAL RESULT SUMMARY
FORMER CARBORUNDUM COMPANY
SANBORN, NEW YORK

Well ID: **B-21M**

Date	Lab Sample ID	Method	Carbon tetrachloride (µg/L)	Chloroform (µg/L)	1,1-Dichloroethane (µg/L)	1,1-Dichloroethene (µg/L)	Methylene chloride (µg/L)	trans-1,2-Dichloroethene (µg/L)	cis-1,2-Dichloroethene (µg/L)	1,1,1-Trichloroethane (µg/L)	Trichloroethene (µg/L)	Tetrachloroethene (µg/L)	Vinyl chloride (µg/L)	Total
11/1/1988		8260	< 1	< 1	< 1	< 1	2	< 5	3.2	< 1	8.2	< 5	< 1	13.4
12/1/1988		8260	< 0.2	< 0.2	< 0.2	< 0.4	1.2	< 0.2	< 0.2	< 0.2	< 0.2	< 5	< 0.6	1.2
1/1/1989		8260	< 0.1	< 5	< 0.07	< 0.1	0.1	< 0.1	< 1	< 0.03	2	< 0.03	< 0.2	2.1
4/1/1989		8260	< 0.1	< 0.05	< 0.07	< 0.03	< 0.1	< 0.1	2	< 0.03	6.8	< 0.03	< 0.2	8.8
7/1/1989		8260	< 1.2	< 0.5	< 0.7	< 1.3	< 2.5	< 0.1	< 1	< 0.3	< 1.2	< 0.3	< 1.8	0
10/1/1989		8260	< 1	< 0.5	< 0.7	< 1	< 1	< 0.1	< 1	< 0.3	< 1	< 0.3	< 1	0
1/1/1990		8260	< 1	1	< 0.7	< 1	< 5	< 1	24	< 0.3	4.5	< 0.3	< 1	29.5
4/1/1990		8260	< 1	< 0.5	< 0.7	< 1	< 5	< 1	< 1	< 0.3	< 1	< 0.3	< 1	0
7/1/1990		8260	< 1	< 0.5	< 0.7	< 1	< 5	< 1	< 1	< 0.3	< 1	< 0.3	< 1	0
10/1/1990		8260	< 1	< 0.5	< 0.7	< 1	< 1	< 1	< 1	< 0.3	< 1	< 0.3	< 1	0
1/1/1991		8260	< 1	< 0.5	< 0.7	< 1	< 5	< 1	< 1	0.3	< 1	< 0.3	< 1	0.3
5/1/1991		8260	< 1.2	< 0.5	< 0.7	< 1.3	< 2.5	< 1	< 1	< 0.3	< 1.2	< 0.3	< 1.8	0
7/1/1991		8260	< 1.2	< 0.5	< 0.7	< 1.3	< 2.5	< 1	< 1	< 0.3	< 1.2	< 0.3	< 1.8	0
10/1/1991		8260	< 1.2	< 0.5	< 0.7	< 1.3	< 2.5	< 1	5.7	< 0.3	< 1.2	< 0.3	< 1.8	5.7
1/1/1992		8260	< 1.2	< 0.5	< 0.7	< 1.3	< 2.5	< 1	< 1	< 0.3	< 1.2	< 0.3	< 1.8	0
4/1/1992		8260	< 1.2	< 0.5	< 0.7	< 1.3	< 2.5	< 1	< 1	< 0.3	< 1.2	< 0.3	< 1.8	0
7/1/1992		8260	< 1.2	< 0.5	< 0.7	< 1.3	< 2.5	< 1	< 1	2.3 A	< 1.2	< 0.3	< 1.8	2.3
10/1/1992		8260	< 1.2	< 0.5	< 0.7	< 1.3	< 2.5	< 1	< 1	< 0.3	< 1.2	< 0.3	< 1.8	0
1/1/1993		8260	< 1.2	< 0.5	< 0.7	< 1.3	< 2.5	< 1	< 1	< 0.3	< 1.2	< 0.3	< 1.8	0
4/2/1993		8260	< 1.2	< 0.5	< 0.7	< 1.3	< 2.5	< 1	< 1	< 0.5	< 1.2	< 0.3	< 1.8	0
7/1/1993		8260	< 1.2	< 0.5	< 0.7	< 1.3	< 2.5	< 1	< 1	< 0.5	< 1.2	< 0.3	< 1.8	0
4/7/1994		8260	< 1.2	< 0.5	< 0.7	< 1.3	< 2.5	< 1	< 1	< 0.5	< 1.2	< 0.3	< 1.8	0
1/26/1995		8260	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 2	0
4/4/1996		8260	< 1.2	< 0.5	< 1	< 0.7	< 2.5	< 1	< 1	< 0.64	< 1.2	< 0.79	< 1.8	0
1/29/1997		8260	< 1.2	< 0.5	< 1	< 0.7	< 2.5	< 1	< 1	< 0.64	< 1.2	< 0.79	< 1.8	0
4/17/1997		8260	< 1.2	< 0.5	< 1	< 0.7	< 2.5	< 1	< 1	< 0.64	< 1.2	< 0.79	< 1.8	0
1/20/1998		8260	< 1.2	< 0.5	< 1	< 0.7	< 2.5	< 1	< 1	< 0.64	< 1.2	< 0.79	< 1.8	0
4/22/1998		8260	< 1.2	< 0.5	< 1	< 0.7	< 2.5	< 1	< 1	< 0.64	< 1.2	< 0.79	< 1.8	0
4/26/2000	A0275205	8021	< 1.2	< 1	< 1	< 1	< 2.5	< 1	< 1	< 1	< 1.2	< 1	< 1.8	0
4/23/2001	A1375208	8021	< 1.2	< 1	< 1	< 1	< 2.5	< 1	< 1	< 1	< 1.2	< 1	< 1.8	0
10/17/2001	A1A23304	8021	< 1.2	< 1	< 1	< 1	< 2.5	< 1	< 1	< 1	< 1.2	< 1	< 1.8	0
1/17/2002	A2058505	8021	< 1.2	< 1	< 1	< 1	< 2.5	< 1	< 1	< 1	< 1.2	< 1	< 1.8	0
4/10/2002	A2347901	8260	< 1.2	< 1	< 1	< 1	< 2.5	< 1	< 1	< 1	< 1.2	< 1	< 1.8	0
7/9/2002	A2695511	8021	< 1.2	< 1	< 1	< 1	< 2.5	< 1	< 1	< 1	< 1.2	< 1	< 1.8	0
1/16/2003	A3056001	8021	< 1.2	< 1	< 1	< 1	< 2.5	< 1	< 1	< 1	< 1.2	< 1	< 1.8	0
4/15/2003	A3356602	8021	< 1.2	< 1	< 1	< 1	< 2.5	< 1	< 1	< 1	< 1.2	< 1	< 1.8	0
7/15/2003	A3670607	8021	< 1.2	< 1	< 1	< 1	< 2.5	< 1	< 1	< 1	< 1.2	< 1	< 1.8	0
10/15/2003	A3998706	8021	< 1.2	< 1	< 1	< 1	< 2.5	< 1	< 1	< 1	< 1.2	< 1	< 1.8	0
1/8/2004	A4026305	8021	< 1.2	< 1	< 1	< 1	< 2.5	< 1	< 1	< 1	< 1.2	< 1	< 1.8	0
7/15/2004	A4674102	8021	< 1.2	< 1	< 1	< 1	< 2.5	< 1	< 1	< 1	< 1.2	< 1	< 1.8	0
7/15/2004	A4674102	8260	< 1.2	< 1	< 1	< 1	< 2.5	< 1	< 1	< 1	< 1.2	< 1	< 1.8	0
10/18/2004	A4A27801	8021	< 1	< 1	< 1	< 1	< 5	< 1	< 1	< 1	1.7	< 1	< 1	1.7
1/14/2005	A5038301	8260	< 1.2	< 1	< 1	< 1	< 2.5	< 1	< 1	< 1	2.5	< 1	< 1.8	2.5
4/22/2005	A5402104	8260	< 1.2	< 1	< 1	< 1	< 2.5	< 1	< 1	< 1	< 1.2	< 1	< 1.8	0
7/25/2005	A5790301	8260/5M	< 1.2	< 1	< 1	< 1	< 2.5	< 1	< 1	< 1	< 1.2	< 1	< 1.8	0
10/21/2005	A5B92301	8260	< 1.2	< 1	< 1	< 1	< 2.5	< 1	< 1	< 1	< 1.2	< 1	< 1.8	0

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B - The analyte is present in the associated method blank.
D - Result reported from a secondary dilution analysis.
E - Concentration exceeds the calibration range; Result is estimated.
J - Indicates an estimated value.
µg/L - micrograms per liter

Well ID: **B-21M**

Date	Lab Sample ID	Method	Carbon tetrachloride (µg/L)	Chloroform (µg/L)	1,1-Dichloroethane (µg/L)	1,1-Dichloroethene (µg/L)	Methylene chloride (µg/L)	trans-1,2-Dichloroethene (µg/L)	cis-1,2-Dichloroethene (µg/L)	1,1,1-Trichloroethane (µg/L)	Trichloroethene (µg/L)	Tetrachloroethene (µg/L)	Vinyl chloride (µg/L)	Total
1/24/2006	A6089101	8260	< 1.2	< 1	< 1	< 1	< 2.5	< 1	< 1	< 1	< 1.2	< 1	< 1.8	0
4/13/2006	6D14002-03	8260	< 1	< 1	< 1	< 1	< 2	< 1	< 1	< 1	< 1	< 1	< 2	0
7/17/2006	6G18004-03	8260	< 1	< 1	< 1	< 1	< 2	< 1	< 1	< 1	< 1	< 1	< 2	0
10/10/2006	6J11002-07	8260	< 1	< 1	< 1	< 1	< 2	< 1	< 1	< 1	1	< 1	< 2	1
1/11/2007	7A12004-01	8260	< 1	< 1	< 1	< 1	< 2	< 1	< 1	< 1	< 1	< 1	< 2	0
4/5/2007	7D06002-01	8260	< 1	< 1	< 1	< 1	< 2	< 1	< 1	< 1	< 1	< 1	< 2	0
7/18/2007	7G19011-03	8260	< 1	< 1	< 1	< 1	< 2	< 1	< 1	< 1	< 1	< 1	< 2	0
10/11/2007	7J12012-01	8260	< 1	< 1	< 1	< 1	< 2	< 1	< 1	< 1	< 1	< 1	< 2	0
1/9/2008	8A10002-02	8260	< 1	< 1	< 1	< 1	2	< 1	< 1	< 1	< 1	< 1	< 2	2
4/7/2008	8D08002-02	8260	< 1	< 1	< 1	< 1	10 B	< 1	< 1	< 1	< 1	< 1	< 2	10
7/21/2008	5420899	8260	< 1	< 0.8	< 1	< 0.8	< 2	< 0.8	< 0.8	< 0.8	< 1	< 0.8	< 1	0
10/15/2008	5499966	8260	< 1	< 0.8	< 1	< 0.8	< 2	< 0.8	< 0.8	< 0.8	< 1	< 0.8	< 1	0
1/13/2009	5576506	8260	< 1	< 0.8	< 1	< 0.8	< 2	< 0.8	< 0.8	< 0.8	< 1	< 0.8	< 1	0
4/20/2009	5651170	8260	< 1	< 0.8	< 1	< 0.8	< 2	< 0.8	< 0.8	< 0.8	< 1	< 0.8	< 1	0
7/13/2009	5722289	8260	< 1	< 0.8	< 1	< 0.8	< 2	< 0.8	< 0.8	< 0.8	< 1	< 0.8	< 1	0
10/6/2009	5799017	8260	< 1	< 0.8	< 1	< 0.8	< 2	< 0.8	< 0.8	< 0.8	< 1	< 0.8	< 1	0
1/26/2010	5893229	8260	< 1	< 0.8	< 1	< 0.8	< 2	< 0.8	< 0.8	< 0.8	< 1	< 0.8	< 1	0
4/7/2010	5948416	8260	< 1	< 0.8	< 1	< 0.8	< 2	< 0.8	< 0.8	< 0.8	< 1	< 0.8	< 1	0
7/15/2010	6033914	8260	< 1	< 0.8	< 1	< 0.8	< 2	< 0.8	< 0.8	< 0.8	< 1	< 0.8	< 1	0
10/19/2010	6116884	8260	< 1	< 0.8	< 1	< 0.8	< 2	< 0.8	< 0.8	< 0.8	< 1	< 0.8	< 1	0
1/27/2011	6194102	8260	< 1	< 0.8	< 1	< 0.8	< 2	< 0.8	< 0.8	< 0.8	< 1	< 0.8	< 1	0
4/13/2011	6258133	8260	< 1	< 0.8	< 1	< 0.8	< 2	< 0.8	< 0.8	< 0.8	< 1	< 0.8	< 1	0
7/25/2011	6355562	8260	< 1	< 0.8	< 1	< 0.8	< 2	< 0.8	< 0.8	< 0.8	< 1	< 0.8	< 1	0
10/10/2011	6433660	8260	< 1	< 0.8	< 1	< 0.8	< 2	< 0.8	< 0.8	< 0.8	< 1	< 0.8	< 1	0
1/18/2012	6526481	8260	< 1	< 0.8	< 1	< 0.8	< 2	< 0.8	< 0.8	< 0.8	1.1 J	< 0.8	< 1	1.1
4/3/2012	6605291	8260	< 1	< 0.8	< 1	< 0.8	< 2	< 0.8	< 0.8	< 0.8	< 1	< 0.8	< 1	0
7/19/2012	6728257	8260	< 1	< 0.8	< 1	< 0.8	< 2	< 0.8	< 0.8	< 0.8	< 1	< 0.8	< 1	0
10/3/2012	6812014	8260	< 1	< 0.8	< 1	< 0.8	< 2	< 0.8	< 0.8	< 0.8	< 1	< 0.8	< 1	0
1/17/2013	6926976	8260	< 1	< 0.8	< 1	< 0.8	< 2	< 0.8	< 0.8	< 0.8	< 1	< 0.8	< 1	0
4/9/2013	7016202	8260	< 1	< 0.8	< 1	< 0.8	< 2	< 0.8	< 0.8	< 0.8	< 1	< 0.8	< 1	0
7/11/2013	7125533	8260	< 1	< 0.8	< 1	< 0.8	< 2	< 0.8	< 0.8	< 0.8	< 1	< 0.8	< 1	0
11/14/2013	7278192	8260	< 1	< 0.8	< 1	< 0.8	< 2	< 0.8	< 0.8	< 0.8	< 1	< 0.8	< 1	0
1/20/2014	7342593	8260	< 1	< 0.8	< 1	< 0.8	< 2	< 0.8	< 0.8	< 0.8	< 1	< 0.8	< 1	0
4/14/2014	7430450	8260	< 0.5	< 0.5	< 0.5	< 0.5	< 2	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	0
7/14/2014	7532402	8260	< 0.5	< 0.5	< 0.5	< 0.5	< 2	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	0
10/2/2014	7623661	8260	< 0.5	< 0.5	< 0.5	< 0.5	< 2	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	0
1/6/2015	7731163	8260	< 0.5	< 0.5	< 0.5	< 0.5	< 2	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	0
4/15/2015	7849423	8260	< 0.5	< 0.5	< 0.5	< 0.5	< 2	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	0
7/13/2015	7965572	SW8260C	< 0.5	< 0.5	< 0.5	< 0.5	< 2	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	0
10/6/2015	8079116	SW8260C	< 0.5	< 0.5	< 0.5	< 0.5	< 2	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	0
1/6/2016	8197849	SW8260C	< 0.5	< 0.5	< 0.5	< 0.5	< 2	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	0
12/6/2016	240-73125-10	8260C	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	0
4/27/2017	240-78855-11	8260C	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	0
11/2/2017	240-87694-19	8260C	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	0
4/18/2018	240-94333-5	8260C	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	0
9/27/2018	240-102125-10	8260C	< 1.0	< 1.0	< 1.0	< 1.0	< 5.0	< 1.0	0.16 J	< 1.0	< 1.0	< 1.0	< 1.0	0.16
4/9/2019	240-110803-11	8260C	< 1.0	< 1.0	< 1.0	< 1.0	< 5.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	0
11/22/2019	240-122893-7	624.1_L	< 1.0	< 1.0	< 1.0	< 1.0	< 5.0	< 0.50	< 0.50	< 1.0	< 1.0	< 1.0	< 1.0	0
3/27/2020	240-128359-1	8260C	< 1	< 1	< 1.0	< 1.0	< 5	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	0

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1) Non-detected concentrations have been represented as '<' for reporting purposes.
2) Total VOCs have been recalculated and represented as the sum of the detected parameters shown on this table.
3) The method change to 8260 was approved by the NYSDEC and changed in January 2005.

B - The analyte is present in the associated method blank.
D - Result reported from a secondary dilution analysis.
E - Concentration exceeds the calibration range; Result is estimated.
J - Indicates an estimated value.
µg/L - micrograms per liter

Well ID: **B-21M**

Date	Lab Sample ID	Method	Carbon tetrachloride (µg/L)	Chloroform (µg/L)	1,1-Dichloroethane (µg/L)	1,1-Dichloroethene (µg/L)	Methylene chloride (µg/L)	trans-1,2-Dichloroethene (µg/L)	cis-1,2-Dichloroethene (µg/L)	1,1,1-Trichloroethane (µg/L)	Trichloroethene (µg/L)	Tetrachloroethene (µg/L)	Vinyl chloride (µg/L)	Total
10/28/2020	240-139252-1	8260C	< 1.0	< 1.0	< 1.0	< 1.0	< 5.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	0
4/26/2021	240-148317-1	8260C	< 1.0	< 1.0	< 1.0	< 1.0	< 5.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	0
10/26/2021	240-159076-7	8260C	< 1.0	< 1.0	< 1.0	< 1.0	< 5.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	0
4/15/2022	240-165253-6	8260C	< 1.0	< 1.0	< 1.0	< 1.0	< 5.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	0
10/17/2022	240-175103-13	8260D	< 1.0	< 1.0	< 1.0	< 1.0	< 5.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	0
3/21/2023	240-182590-13	8260D	< 1.0	< 1.0	< 1.0	< 1.0	< 5.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	0
10/19/2023	240-194049-13	8260D	< 1.0	< 1.0	< 1.0	< 1.0	< 5.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	0

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3) The method change to 8260 was approved by the NYSDEC and changed in January 2005.

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D - Result reported from a secondary dilution analysis.
E - Concentration exceeds the calibration range; Result is estimated.
J - Indicates an estimated value.
µg/L - micrograms per liter

MONITORING WELL GROUNDWATER ANALYTICAL RESULT SUMMARY
FORMER CARBORUNDUM COMPANY
SANBORN, NEW YORK

Well ID: **B-22M**

Date	Lab Sample ID	Method	Carbon tetrachloride (µg/L)	Chloroform (µg/L)	1,1-Dichloroethane (µg/L)	1,1-Dichloroethene (µg/L)	Methylene chloride (µg/L)	trans-1,2-Dichloroethene (µg/L)	cis-1,2-Dichloroethene (µg/L)	1,1,1-Trichloroethane (µg/L)	Trichloroethene (µg/L)	Tetrachloroethene (µg/L)	Vinyl chloride (µg/L)	Total
11/1/1988		8260	< 1	< 1	< 1	< 1	3	< 5	220	< 1	23	< 5	< 1	246
12/1/1988		8260	< 1	< 1	< 1	< 2	3.5	< 5	130	< 1	12	< 5	< 3	145.5
1/1/1989		8260	< 0.1	< 5	< 0.07	< 0.1	< 0.1	0.5	24	< 0.03	4.5	< 0.03	2.3	31.3
4/1/1989		8260	< 0.1	67	3.3	2.9	< 0.1	5.3	280	< 0.03	19	< 0.03	3.8	381.3
7/1/1989		8260	< 10	< 5	19	12	< 10	15	2800	17	360	< 3	260	3483
10/1/1989		8260	< 1	< 0.5	< 0.7	< 1	< 1	< 1	17	< 0.3	< 1	< 0.3	< 1	17
1/1/1990		8260	< 1	< 0.5	25	19	< 5	24	4400	< 0.3	750	< 0.3	93	5311
4/1/1990		8260	< 10	< 5	14	< 10	< 50	< 10	1600	< 3	160	< 3	58	1832
7/1/1990		8260	< 10	< 5	< 70	< 10	< 50	< 10	630	< 3	55	< 3	< 10	685
10/1/1990		8260	< 1	< 0.5	< 0.7	< 1	< 1	< 1	48	< 0.3	1.5	< 0.3	< 1	49.5
1/1/1991		8260	< 1	< 0.5	3.3	< 1	< 5	7.2	430	5.5	110	< 0.3	< 1	556
5/1/1991		8260	< 12	< 5	44	23	< 25	35	5000	11	370	< 3	46	5529
7/1/1991		8260	< 12	< 5	< 7	< 13	< 25	< 10	97	3.8	< 12	< 3	< 18	100.8
10/1/1991		8260	< 12	< 5	< 7	< 13	< 25	< 10	540	5.4	43	< 3	< 18	588.4
1/1/1992		8260	< 24	< 10	< 14	< 26	< 50	< 20	660	< 6	54	< 6	< 36	714
4/1/1992		8260	< 24	< 10	21	< 26	< 50	< 20	2800	11	400	< 6	170	3402
7/1/1992		8260	< 120	< 50	< 70	< 130	< 250	< 100	250	< 200	< 120	< 30	< 180	250
10/1/1992		8260	< 12	< 5	< 7	12	< 25	< 10	4300	9	130	< 3	520	4971
1/1/1993		8260	< 24	< 10	29	< 26	< 50	< 20	2700	9.8	220	< 6	210	3168.8
4/2/1993		8260	< 24	< 10	< 14	< 26	< 50	< 20	2000	< 10	200	< 6	< 36	2200
6/3/1993		8260	< 2.4	< 1	1.6	< 2.6	< 5	4.3	280	< 1	410	< 0.6	< 3.6	695.9
7/1/1993		8260	< 1.2	< 0.5	< 0.7	< 1.3	< 2.5	1	120	< 0.5	2.7	< 0.3	< 3.3	123.7
8/5/1993		8260	< 1.2	< 0.5	< 0.7	< 1.3	< 2.5	< 1	140	< 0.5	3.8	< 0.3	2.9	146.7
9/1/1993		8260	< 1.2	< 0.5	< 0.7	< 1.3	< 2.5	2.3	110	< 0.5	5.3	< 0.3	4.9	122.5
10/4/1993		8260	< 1.2	< 0.5	< 0.7	< 1.3	< 2.5	< 1	150	0.61 *	5.7	< 0.3	< 1.8	156.31
1/27/1994		8260	< 1.2	< 0.5	< 0.7	< 1.3	< 2.5	2.1	230	< 0.5	16	< 0.3	140	388.1
4/7/1994		8260	< 1.2	< 0.5	13	9.4	< 2.5	26	1900	1.6	160	< 0.3	17	2127
7/6/1994		8260	< 1.2	< 0.5	1.2	< 1.3	2.6 J	4.7	180	< 0.5	19	< 0.3	8.7	216.2
10/6/1994		8260	< 1.2	< 0.5	1.1	2.1	< 2.5	4.5	130	< 0.5	4.4	< 0.3	36	178.1
1/26/1995		8260	< 20	< 20	< 20	< 20	< 20	< 20	1900	< 20	190	< 20	< 40	2090
4/5/1995		8260	< 10	< 10	< 10	< 10	< 10	12	1500	< 10	150	< 10	< 20	1662
6/28/1995		8260	< 2	< 2	< 2	< 2	< 2	5.6	240	< 2	22	< 2	29	296.6
10/10/1995		8260	< 12	< 5	3	1.7	< 25	8	510	< 6.4	60	< 7.9	7.3	590
1/11/1996		8260	< 12	< 5	< 10	< 7	< 25	< 10	630	< 6.4	78	< 7.9	33	741
4/4/1996		8260	< 12	< 5	< 10	< 7	< 25	< 10	560	< 6.4	4.2	< 7.9	24	588.2
7/17/1996		8260	< 12	8	< 10	< 7	< 25	< 10	270	< 6.4	16	< 7.9	< 18	294
10/3/1996		8260	< 12	7.1	< 10	< 7	< 25	< 10	210	< 6.4	< 12	< 7.9	< 18	217.1
1/28/1997		8260	< 12	< 5	< 10	< 7	< 25	12	890	< 6.4	70	< 7.9	< 18	972
4/17/1997		8260	< 12	< 5	< 10	< 7	< 25	< 10	510	< 6.4	46	< 7.9	< 18	556
7/15/1997		8260	< 12	7.6	< 10	< 7	< 25	< 10	420	< 6.4	45	< 7.9	< 18	472.6
10/23/1997		8260	< 1.2	< 0.5	< 1	< 0.7	< 2.5	1	130	< 0.64	8.2	< 0.79	< 1.8	139.2
1/21/1998		8260	< 12	< 5	< 10	< 7	< 25	< 10	740	< 6.4	72	< 7.9	< 18	812
4/22/1998		8260	< 12	< 5	< 10	< 7	< 25	14	910	< 6.4	86	< 7.9	< 18	1010
7/23/1998		8260	< 1.2	< 0.5	< 1	< 0.7	< 2.5	4.4	180	< 0.64	21	< 0.79	< 1.8	205.4
10/7/1998		8260	< 1.2	< 0.5	< 1	< 0.7	< 2.5	< 10	340	< 0.64	25	< 0.79	< 1.8	365
1/21/1999		8260	< 12	8.1 J	< 10	< 7	< 25	< 10	340	< 6.4	26	< 7.9	< 18	374.1

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3) The method change to 8260 was approved by the NYSDEC and changed in January 2005.

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D - Result reported from a secondary dilution analysis.
E - Concentration exceeds the calibration range; Result is estimated.
J - Indicates an estimated value.
µg/L - micrograms per liter

Well ID: **B-22M**

Date	Lab Sample ID	Method	Carbon tetrachloride (µg/L)	Chloroform (µg/L)	1,1-Dichloroethane (µg/L)	1,1-Dichloroethene (µg/L)	Methylene chloride (µg/L)	trans-1,2-Dichloroethene (µg/L)	cis-1,2-Dichloroethene (µg/L)	1,1,1-Trichloroethane (µg/L)	Trichloroethene (µg/L)	Tetrachloroethene (µg/L)	Vinyl chloride (µg/L)	Total
4/19/1999		8260	< 1.2	< 0.5	< 1	< 0.7	< 2.5	1.3	90	< 0.64	4.7	< 0.79	< 1.8	96
7/22/1999		8260	< 1.2	< 0.5	< 1	< 0.7	< 2.5	4.1	130	< 0.64	6.5	< 0.79	8.8	149.4
10/12/1999		8260	< 1.2	2.9	< 1	< 1	< 2.5	1.2	180	< 1	5.5	< 1	27	216.6
1/12/2000	A0026402	8021	< 1.2	< 1	< 1	< 1	2.9	< 1	120	< 1	3.4	< 1	2.9	129.2
4/26/2000	A0275203	8021	< 16	< 16	< 16	< 16	< 16	< 16	1400	< 16	220	< 16	< 16	1620
7/18/2000	A0500412	8021	< 1.6	< 1.6	< 1.6	< 1.6	< 2.5	2.3	170	< 1.6	9.7	< 1.6	< 1.8	182
10/19/2000	A0751302	8021	< 1.2	< 1	< 1	< 1	1.1 BJ	< 1	120	< 1	7.8	< 1	5	133.9
1/11/2001	A1035101	8021	< 1.2	1.3	< 1	< 1	4.2	< 1	110	< 1	4.4	< 1	9.6	129.5
4/23/2001	A1375207	8021	< 4	< 4	< 4	< 4	< 4	< 4	510	< 4	50	< 4	< 4	560
7/18/2001	A1682908	8021	< 1.2	< 1	< 1	< 1	2.5	1	130	< 1	13	< 1	7	153.5
10/17/2001	A1A23305	8021	< 1.2	< 1	< 1	< 1	< 2.5	1.5	230	< 1	13	< 1	36	280.5
1/23/2002	A2076701	8021	< 1.2	< 1	7.6	4.6	2.1 J	21	1400 D	< 1	110 D	< 1	9.6	1554.9
4/18/2002	A2378801	8021	< 1.2	< 1	< 1	< 1	0.8 J	< 1	130	< 1	9.2	< 1	36	176
7/15/2002	A2722901	8021	< 1.2	< 1	< 1	< 1	2.2 J	1.4	91	< 1	4.9	< 1	8.1	107.6
10/15/2002	A2A23601	8021	< 1.2	< 1	< 1	< 1	< 2.5	< 1	79	< 1	6.2	< 1	13	98.2
1/22/2003	A3068901	8021	< 1.2	< 1	< 1	< 1	< 2.5	0.94 J	80	< 1	3.2	< 1	12	96.14
4/24/2003	A3389602	8021	< 1.2	< 1	< 1	< 1	1.6 J	< 1	130	< 1	13	< 1.3	30	174.6
7/17/2003	A3683901	8021	< 1.4	< 1	< 1	< 1	< 2.5	< 1	140	< 1	5	< 1.6	13	158
10/21/2003	A3A21902	8021	< 1.4	< 1	< 1	< 1	< 2.5	< 1	160	< 1	5.7	< 1	2.3	168
4/30/2004	A4402503	8021	< 1.4	< 1	< 1	< 1	< 2.5	< 1	99	< 1	< 1.2	< 1	40	139
7/15/2004	A4674303	8021	< 1.4	< 1	2.2	< 1	< 2.5	3.9 E	170 E	< 1	24	< 1	10 E	210.1
7/15/2004	A4674303	8260	< 1.2	< 1.6	< 1.9	< 1	4.3	< 1.6	130	< 1.3	23	< 1.3	< 2.9	157.3
10/18/2004	A4A27701	8021	< 2	< 2	< 2	< 2	< 10	< 2	90	< 2	13	< 2	< 2	103
1/20/2005	A5057501	8260	< 1.2	< 1	2.8	1.6	< 2.5	16	340 D	0.34 J	56 D	< 1	2.2	418.94
4/26/2005	A5414404	8260	< 1.9	< 3.2	< 3.8	< 1.9	< 4	7	250	< 2.5	33	< 2.5	< 5.9	290
7/25/2005	A5790401	8260/5M	< 1.2	< 1.1	< 1	< 1.2	< 2.5	1.6	110	< 1.1	14	< 1.3	7.8	133.4
10/21/2005	A5B92801	8260	< 1.2	< 1	< 1	< 1	< 2.5	0.61 J	36	< 1	3.9	< 1	1.2 J	41.71
1/24/2006	A6089102	8260	< 1.2	< 1	2.9	1.4	< 2.5	15	460 D	< 1	90	< 1	3.1	572.4
4/19/2006	6D20002-01	8260	< 1	< 1	< 1	< 1	< 2	1	61	< 1	17	< 1	14	93
7/17/2006	6G18004-05	8260	< 1	< 1	< 1	< 1	< 2	< 1	29	< 1	5	< 1	2	36
10/10/2006	6J11002-08	8260	< 1	< 1	< 1	< 1	< 2	1	66	< 1	10	< 1	4	81
1/11/2007	7A12004-02	8260	< 1	< 1	3	< 1	< 2	14	370 D	< 1	89	< 1	< 2	476
4/19/2007	7D20005-01	8260	< 1	< 1	< 1	< 1	< 2	5	136	< 1	35	< 1	5	181
7/18/2007	7G19011-02	8260	< 1	< 1	< 1	< 1	< 2	< 1	26	< 1	5	< 1	< 2	31
10/11/2007	7J12012-03	8260	< 1	< 1	< 1	< 1	< 2	< 1	24	< 1	4	< 1	< 2	28
1/9/2008	8A10002-01	8260	< 1	< 1	< 1	< 1	< 2	< 1	17	< 1	3	< 1	3	23
4/8/2008	8D09003-07	8260	< 1	< 1	2	1	6	10	301 D	< 1	95	< 1	2	417
7/21/2008	5420900	8260	< 1	< 0.8	< 1	< 0.8	< 2	< 0.8	24	< 0.8	4.9 J	< 0.8	1.2 J	30.1
10/15/2008	5499967	8260	< 1	< 0.8	< 1	< 0.8	< 2	< 0.8	29	< 0.8	4.1 J	< 0.8	< 1	33.1
1/13/2009	5576505	8260	< 1	< 0.8	3.1 J	2 J	< 2	14	460	< 0.8	120	< 0.8	1 J	600.1
4/20/2009	5651167	8260	< 1	< 0.8	< 1	< 0.8	< 2	3.8 J	150	< 0.8	39	< 0.8	9.9	202.7
7/13/2009	5722290	8260	< 1	< 0.8	< 1	< 0.8	< 2	< 0.8	27	< 0.8	4.8 J	< 0.8	1.6 J	33.4
10/6/2009	5799012	8260	< 1	< 0.8	< 1	< 0.8	< 2	1.5 J	70	< 0.8	15	< 0.8	1.1 J	87.6
1/26/2010	5893228	8260	< 1	< 0.8	< 1	< 0.8	< 2	4.8 J	120	< 0.8	44	< 0.8	< 1	168.8
4/19/2010	5957668	8260	< 1	< 0.8	< 1	< 0.8	< 2	3.8 J	110	< 0.8	30	< 0.8	< 1	143.8
7/15/2010	6033915	8260	< 1	< 0.8	< 1	< 0.8	< 2	< 0.8	38	< 0.8	7.2	< 0.8	< 1	45.2
10/19/2010	6116887	8260	< 1	< 0.8	< 1	< 0.8	< 2	< 0.8	27	< 0.8	6.7	< 0.8	1.9 J	35.6
1/27/2011	6194103	8260	< 1	< 0.8	< 1	< 0.8	< 2	1.3 J	64	< 0.8	15	< 0.8	1.3 J	81.6
4/14/2011	6259038	8260	< 1	< 0.8	2.5 J	1 J	< 2	7.7	280	< 0.8	97	< 0.8	< 1	388.2

< - Indicates parameter was analyzed for, but not detected at or above the reporting limit
To Address the NYSDEC concerns regarding the presentation and plotting of non-detected values, the data for 2001 to 2004 has been reevaluated and interpreted as follows:

1) Non-detected concentrations have been represented as '<' for reporting purposes.
2) Total VOCs have been recalculated and represented as the sum of the detected parameters shown on this table.
3) The method change to 8260 was approved by the NYSDEC and changed in January 2005.

B - The analyte is present in the associated method blank.
D - Result reported from a secondary dilution analysis.
E - Concentration exceeds the calibration range; Result is estimated.
J - Indicates an estimated value.
µg/L - micrograms per liter

Well ID: **B-22M**

Date	Lab Sample ID	Method	Carbon tetrachloride (µg/L)	Chloroform (µg/L)	1,1-Dichloroethane (µg/L)	1,1-Dichloroethene (µg/L)	Methylene chloride (µg/L)	trans-1,2-Dichloroethene (µg/L)	cis-1,2-Dichloroethene (µg/L)	1,1,1-Trichloroethane (µg/L)	Trichloroethene (µg/L)	Tetrachloroethene (µg/L)	Vinyl chloride (µg/L)	Total
7/25/2011	6355561	8260	< 1	< 0.8	< 1	< 0.8	< 2	2.3 J	93	< 0.8	26	< 0.8	1.3 J	122.6
10/10/2011	6433661	8260	< 1	< 0.8	< 1	< 0.8	< 2	0.89 J	43	< 0.8	8.5	< 0.8	1.9 J	54.29
1/18/2012	6526482	8260	< 1	< 0.8	1.2 J	< 0.8	< 2	4.8 J	120	< 0.8	63	< 0.8	< 1	189
4/10/2012	6612011	8260	< 1	< 0.8	< 1	< 0.8	< 2	4 J	120	< 0.8	20	< 0.8	< 1	144
7/19/2012	6728258	8260	< 1	< 0.8	< 1	< 0.8	< 2	< 0.8	42	< 0.8	9.8	< 0.8	< 1	51.8
10/3/2012	6812017	8260	< 1	< 0.8	< 1	< 0.8	< 2	< 0.8	36	< 0.8	7.3	< 0.8	< 1	43.3
1/17/2013	6926979	8260	< 1	< 0.8	< 1	< 0.8	< 2	3.4 J	87	< 0.8	35	< 0.8	< 1	125.4
4/9/2013	7016198	8260	< 1	< 0.8	< 1	< 0.8	< 2	< 0.8	40	< 0.8	9.1	< 0.8	8.8	57.9
7/11/2013	7125534	8260	< 1	< 0.8	1.2 J	< 0.8	< 2	5.7	150	< 0.8	53	< 0.8	< 1	209.9
11/14/2013	7278191	8260	< 1	< 0.8	1.7 J	< 0.8	< 2	6.6	210	< 0.8	83	< 0.8	< 1	301.3
1/20/2014	7342592	8260	< 1	< 0.8	< 1	< 0.8	< 2	4.9 J	130	< 0.8	41	< 0.8	< 1	175.9
4/24/2014	7442065	8260	< 0.5	< 0.5	< 0.5	< 0.5	< 2	2.6	67	< 0.5	14	< 0.5	< 0.5	83.6
7/14/2014	7532401	8260	< 0.5	< 0.5	< 0.5	< 0.5	< 2	< 0.5	19	< 0.5	8.4	< 0.5	1.9	29.3
10/2/2014	7623662	8260	< 0.5	< 0.5	< 0.5	< 0.5	< 2	< 0.5	20	< 0.5	7.6	< 0.5	0.57 J	28.17
1/6/2015	7731162	8260	< 0.5	< 0.5	1.4	0.68 J	< 2	5.7	180	< 0.5	100	< 0.5	0.57 J	288.35
4/22/2015	7858498	8260	< 0.5	< 0.5	< 0.5	< 0.5	< 2	2.8	81	< 0.5	29	< 0.5	< 0.5	112.8
7/13/2015	7965571	SW8260C	< 0.5	< 0.5	< 0.5	< 0.5	< 2	0.78 J	45	< 0.5	20	< 0.5	1 J	66.78
10/6/2015	8079115	SW8260C	< 0.5	< 0.5	< 0.5	< 0.5	< 2	< 0.5	28	< 0.5	7.1	< 0.5	0.55 J	35.65
1/6/2016	8197848	SW8260C	< 0.5	< 0.5	< 0.5	< 0.5	< 2	< 0.5	22	< 0.5	5	< 0.5	0.71 J	27.71
12/6/2016	240-73125-9	8260C	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	0.56 J	37	< 1.0	7.7	< 1.0	2.1	47.36
4/27/2017	240-78855-12	8260C	< 1.3	< 1.3	0.41 J	< 1.3	< 1.3	2.2	50	< 1.3	20	< 1.3	< 1.3	72.61
11/2/2017	240-87694-16	8260C	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	0.87 J	47	< 1.0	12	< 1.0	1.4	61.27
4/18/2018	240-94333-6	8260C	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	1.5	33	< 1.0	7.5	< 1.0	< 1.0	42
9/27/2018	240-102125-9	8260C	< 1.0	< 1.0	0.26 J	< 1.0	< 5.0	0.72 J	33	< 1.0	8	< 1.0	1.2	43.18
4/9/2019	240-110803-12	8260C	< 1.0	< 1.0	0.30 J	< 1.0	< 5.0	1.5	44	< 1.0	13	< 1.0	< 1.0	58.8
11/22/2019	240-122893-8	624.1_L	< 1.0	0.15 J	0.22 J	< 1.0	< 5.0	1.2	24	< 1.0	10	< 1.0	< 1.0	35.57
3/27/2020	240-128359-2	8260C	< 1	< 1	0.41 J	< 1.0	< 5	1.5	52	< 1.0	15	< 1.0	< 1.0	68.91
10/28/2020	240-139252-2	8260C	< 1.0	0.57 J	0.40 J	< 1.0	< 5.0	2	46	< 1.0	23	< 1.0	< 1.0	71.97
4/26/2021	240-148317-6	8260C	< 1.0	0.17 J	2.7	1	< 5.0	7.3	230 D	0.97 J	160 D	0.17 J	0.21 J	402.52
10/26/2021	240-159076-8	8260C	< 5.0	< 5.0	< 5.0	< 5.0	15 J	< 5.0	120	< 5.0	100	< 5.0	< 5.0	235
4/15/2022	240-165253-7	8260C	< 5.0	< 5.0	< 5.0	< 5.0	< 25	2.9 J	100	< 5.0	38	< 5.0	< 5.0	140.9
10/18/2022	240-175103-14	8260D	< 1.0	< 1.0	< 1.0	< 1.0	< 5.0	0.92 J	27	< 1.0	12	< 1.0	3.2	43.12
3/21/2023	240-182590-14	8260D	< 2.0	< 2.0	< 2.0	< 2.0	< 10	1.8 J	51	< 2.0	23	< 2.0	< 2.0	75.8
10/19/2023	240-194049-14	8260D	< 2.0	< 2.0	0.96 J	< 2.0	< 10	1.4 J	57	< 2.0	49	< 2.0	2.8	111.16

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E - Concentration exceeds the calibration range; Result is estimated.
J - Indicates an estimated value.
µg/L - micrograms per liter

MONITORING WELL GROUNDWATER ANALYTICAL RESULT SUMMARY
FORMER CARBORUNDUM COMPANY
SANBORN, NEW YORK

Well ID: **B-23M**

Date	Lab Sample ID	Method	Carbon tetrachloride (µg/L)	Chloroform (µg/L)	1,1-Dichloroethane (µg/L)	1,1-Dichloroethene (µg/L)	Methylene chloride (µg/L)	trans-1,2-Dichloroethene (µg/L)	cis-1,2-Dichloroethene (µg/L)	1,1,1-Trichloroethane (µg/L)	Trichloroethene (µg/L)	Tetrachloroethene (µg/L)	Vinyl chloride (µg/L)	Total
1/1/1989		8260	< 0.1	< 5	2.4	2.6	< 0.1	4.7	900	< 0.03	2.6	< 0.03	46	958.3
4/1/1989		8260	< 0.1	< 0.05	4	3.7	< 0.1	< 0.1	720	< 0.03	2.1	< 0.03	66	795.8
7/1/1989		8260	< 1.2	< 0.5	3.5	3.9	< 2.5	3.8	1100	< 0.3	1.5	< 0.3	100	1212.7
10/1/1989		8260	< 10	< 5	< 7	4.7	< 10	14	750	< 3	13	< 3	65	846.7
1/1/1990		8260	< 10	< 5	7.7	< 10	71	20	2300	< 3	71	< 3	86	2555.7
4/1/1990		8260	< 10	< 5	< 7	< 10	< 50	< 10	1100	< 3	63	< 3	37	1200
7/1/1990		8260	< 10	< 5	< 7	< 10	< 50	< 10	1000	< 3	46	< 3	92	1138
10/1/1990		8260	< 5	< 2.5	5.3	< 5	< 5	5.3	650	< 1.5	< 5	< 1.5	68	728.6
1/1/1991		8260	< 5	< 2.5	< 3.5	< 5	< 25	5.7	1300	< 1.5	89	< 1.5	51	1445.7
5/1/1991		8260	< 60	< 25	< 35	< 65	< 125	< 50	1500	< 15	< 60	< 15	91	1591
7/1/1991		8260	< 60	< 25	< 35	< 65	< 130	< 50	770	< 15	< 60	< 15	< 90	770
10/1/1991		8260	< 120	< 50	< 70	< 130	< 250	< 100	960	< 30	< 120	< 30	< 180	960
1/1/1992		8260	< 120	< 50	< 70	< 130	< 250	< 100	1800	< 30	< 240	< 30	< 360	1800
4/1/1992		8260	< 120	< 50	< 70	< 130	< 250	< 100	< 1100	< 30	< 120	< 30	< 180	0
7/1/1992		8260	< 120	< 50	< 70	< 130	< 250	< 100	1600	< 30	< 120	< 30	< 180	1600
10/1/1992		8260	< 12	< 5	< 7	< 13	< 25	< 10	1100	< 3	< 12	4.1	72	1176.1
1/1/1993		8260	< 12	< 5	< 7	< 13	< 25	< 10	1100	< 3	63	< 3	24	1187
3/31/1993		8260	< 6	< 2.5	3.8	< 6.5	< 13	6.9	1100	< 2.5	12	< 1.5	95	1217.7
6/3/1993		8260	< 6	< 2.5	< 3.5	< 6.5	< 12	7.5	1100	< 2.5	8	< 1.5	72	1187.5
6/30/1993		8260	< 12	< 5	< 7	< 13	< 25	< 10	960	5.1	< 12	< 3	92	1057.1
8/5/1993		8260	< 12	< 5	< 7	< 13	< 25	< 10	990	< 5	< 12	< 3	73	1063
9/1/1993		8260	< 12	< 5	< 7	< 13	< 25	12	980	< 5	< 12	< 3	110	1102
10/5/1993		8260	< 12	5.6	< 7	< 13	< 25	< 10	1000	< 5	< 12	< 3	120	1125.6
1/26/1994		8260	< 1.2	< 0.5	< 2.2	< 1.3	< 2.5	5.4	1200	< 0.5	< 1.2	< 0.3	350	1555.4
4/6/1994		8260	< 1.2	< 0.5	4.8	2.4	< 2.5	20	1200	1.3	82	< 0.3	50	1360.5
7/8/1994		8260	< 12	< 5	< 7	< 13	< 25	< 10	900	< 5	< 12	< 3	39	939
10/6/1994		8260	< 12	< 5	< 7	21	< 25	22	1100	< 5	< 12	< 3	90	1233
1/25/1995		8260	< 5	< 5	< 5	< 5	< 5	5.9	530	< 5	22	< 5	26	583.9
4/4/1995		8260	< 2.5	< 2.5	< 2.5	< 2.5	< 2.5	6.5	220	< 2.5	67	< 2.5	< 5	293.5
6/28/1995		8260	< 5	< 5	< 5	< 5	< 5	< 5	380	< 5	7.9	< 5	15	402.9
10/4/1995		8260	< 1.2	< 0.5	2.7	2.8	< 2.5	9.4	860	< 0.64	15	< 0.79	58	947.9
1/9/1996		8260	< 12	< 5	< 10	< 7	< 25	10	330	< 6.4	88	< 7.9	< 18	428
4/3/1996		8260	< 12	< 5	< 10	< 7	< 25	14	480	< 6.4	130	< 7.9	< 18	624
7/10/1996		8260	< 12	< 5	< 10	< 7	< 25	11	930	< 6.4	26	< 7.9	26	993
10/3/1996		8260	< 12	9.3	< 10	< 7	< 25	13	420	< 6.4	110	< 7.9	< 18	552.3
1/27/1997		8260	< 12	< 5	< 10	< 7	< 25	< 10	240	< 6.4	79	< 7.9	< 18	319
4/16/1997		8260	< 12	< 5	< 10	< 7	< 25	< 10	240	< 6.4	60	< 7.9	< 18	300
7/10/1997		8260	< 12	7.6	< 10	< 7	< 25	< 10	420	< 6.4	45	< 7.9	< 18	472.6
10/22/1997		8260	< 12	< 5	< 10	< 7	< 25	< 10	820	< 6.4	12	< 7.9	20	852
1/20/1998		8260	< 12	9.1	< 10	< 7	< 25	< 10	470	< 6.4	130	< 7.9	< 18	609.1
4/23/1998		8260	< 12	< 5	< 10	< 7	< 25	< 10	230	< 6.4	68	< 7.9	< 18	298
7/22/1998		8260	< 12	< 5	< 10	< 7	< 25	< 10	520	< 0.64	20	< 0.79	< 1.8	540
10/9/1998		8260	< 12	< 5	< 10	< 7	< 25	< 10	440	< 0.64	12	< 0.79	27	479
1/22/1999		8260	< 12	20 J	< 10	< 7	< 25	< 10	620	< 6.4	< 1.2	< 7.9	< 18	640
4/19/1999		8260	< 12	13 J	< 10	< 7	< 25	< 10	430	< 6.4	52	< 7.9	< 18	495
7/21/1999		8260	< 12	< 5	< 10	< 7	< 25	11	490	< 6.4	18	< 7.9	26	545

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2) Total VOCs have been recalculated and represented as the sum of the detected parameters shown on this table.
3) The method change to 8260 was approved by the NYSDEC and changed in January 2005.

B - The analyte is present in the associated method blank.
D - Result reported from a secondary dilution analysis.
E - Concentration exceeds the calibration range; Result is estimated.
J - Indicates an estimated value.
µg/L - micrograms per liter

Well ID: **B-23M**

Date	Lab Sample ID	Method	Carbon tetrachloride (µg/L)	Chloroform (µg/L)	1,1-Dichloroethane (µg/L)	1,1-Dichloroethene (µg/L)	Methylene chloride (µg/L)	trans-1,2-Dichloroethene (µg/L)	cis-1,2-Dichloroethene (µg/L)	1,1,1-Trichloroethane (µg/L)	Trichloroethene (µg/L)	Tetrachloroethene (µg/L)	Vinyl chloride (µg/L)	Total
10/11/1999		8260	< 1.2	< 1	0.84 J	0.94 J	< 2.5	3.7	280	< 1	7.2	< 1	11	303.68
1/10/2000	A0018403	8021	< 1.2	< 1	< 1	< 1	3.4	7	190	< 1	42	< 1	1.1 J	243.5
4/25/2000	A0275211	8021	< 1.2	< 1	6.4	< 1	< 2.5	10	280	< 1	36	< 1	12	344.4
7/12/2000	A0483117	8021	< 1.2	< 1	< 1	< 1	1.6 J	2.3	110	< 1	32	< 1	< 1.8	145.9
10/25/2000	A0767906	8021	< 1.2	< 1	< 1	< 1	< 2.5	4.5	200	< 1	18	< 1	12	234.5
1/16/2001	A1043902	8021	< 1.2	3.6	< 1	< 1	1.9 J	6.4	210	< 1	13	< 1	15	249.9
4/16/2001	A1345805	624	< 1.2	< 1.5	< 1.8	< 1.4	< 2.5	7	150 D	< 1.1	52	< 1.1	< 1.8	209
7/16/2001	A1674115	8021	< 1.2	4.9	< 1	< 1	2.8	5.5	230	< 1	23	< 1	8.5	274.7
10/18/2001	A1A23310	8021	< 2	< 2	< 2	< 2	3.5	< 2	280	< 2	11	< 2	< 2	294.5
1/23/2002	A2076703	8021	< 2	7.4	< 2	< 2	4.2	5	310	< 2	39	< 2	6.8	372.4
4/18/2002	A2378802	8021	< 2	< 2	< 2	< 2	< 2.5	< 2	350	< 2	< 2	< 2	22	372
7/15/2002	A2722903	8021	< 2	< 2	< 2	< 2	6	3.3	410	< 2	4.3	< 2	20	443.6
10/9/2002	A2A07510	8021	< 4	< 4	< 4	< 4	< 4	< 4	300	< 4	18	< 4	17	335
1/22/2003	A3068902	8021	< 2.9	2.7	< 1	< 1.6	< 3.7	4.8	140	< 1.9	45	< 3.3	< 1.8	192.5
4/21/2003	A3370901	8021	< 2.9	< 1	< 1	< 1.6	12	2.1	320	< 1.9	< 1.2	< 3.3	17	351.1
7/21/2003	A3699401	8021	< 2.9	< 1	< 1	< 1.6	< 3.7	2	370	< 1.9	2.7	< 3.3	15	389.7
10/20/2003	A3A13901	8021	< 2.9	< 1	< 1	< 1.6	< 2.5	< 1	320	< 1	3.8	< 1	15	338.8
1/29/2004	A4077603	8021	< 2.9	< 1	< 1	< 1.6	< 2.5	3	320	< 1	74	< 1	9.1	406.1
4/23/2004	A4373101	8021	< 2.9	< 1	< 1	< 1.6	< 2.5	< 1	400	< 1	< 1.2	< 1	28	428
7/21/2004	A4687101	8260	< 1.9	< 3.2	< 3.8	< 1.9	10	< 3.2	340	< 2.5	9.9	< 2.5	< 5.9	359.9
10/20/2004	A4A32301	8021	< 5	< 5	< 5	< 5	< 5	< 5	230	< 5	7.1	< 5	12	249.1
1/13/2005	A5036108	8260	< 1.9	< 3.2	< 3.8	< 1.9	< 4	< 3.2	360	< 2.5	53	< 2.5	5.9	418.9
4/19/2005	A5387405	8260	< 1.9	< 3.2	< 3.8	< 1.9	< 4	< 3.2	380	< 2.5	32	< 2.5	21	433
7/18/2005	A5753801	8260/5M	< 2	< 2.2	< 2.1	< 2.4	< 2.5	< 2.5	360	< 2.2	< 2.2	< 2.6	32	392
10/20/2005	A5B92001	8260	< 1.2	< 1	1.7	1.2	< 2.5	1.8	370 D	< 1	3	< 1	61	438.7
1/23/2006	A6084701	8260	< 1.3	< 1.7	< 1.4	< 1.5	< 2.5	3	300	< 1.3	96	< 1.8	9.3	408.3
4/21/2006	6D21017-01	8260	< 1	< 1	1	< 1	< 2	1	272 D	< 1	9	< 1	17	300
7/20/2006	6G21005-05	8260	< 5	< 5	< 5	< 5	25	< 5	309	< 5	< 5	< 5	39	373
10/10/2006	6J11002-02	8260	< 1	< 1	1	< 1	< 2	2	243 D	< 1	10	< 1	28	284
1/8/2007	7A09003-01	8260	< 5	< 5	< 5	< 5	< 10	< 5	238	< 5	182	< 5	< 10	420
4/18/2007	7D19009-01	8260	< 1	< 1	2	< 1	< 2	2	239 D	< 1	41	< 1	17	301
7/11/2007	7G12003-01	8260	< 1	< 1	< 1	< 1	< 2	< 1	178	< 1	8	< 1	24	210
10/10/2007	7J11002-03	8260	< 1	< 1	1	< 1	< 2	< 1	272 D	< 1	2	< 1	34	309
1/8/2008	8A09005-04	8260	< 2	< 2	< 2	< 2	< 4	4	171	< 2	71	< 2	11	257
4/9/2008	8D10002-04	8260	< 1	< 1	2	1	2	2	292 D	< 1	21	< 1	24	344
7/25/2008	5426028	8260	< 1	< 0.8	1.1 J	< 0.8	< 2	0.87 J	270	< 0.8	1.8 J	< 0.8	58	331.77
10/17/2008	5502673	8260	< 1	< 0.8	1.2 J	< 0.8	< 2	0.9 J	280	< 0.8	1.5 J	< 0.8	37	320.6
1/13/2009	5576509	8260	< 1	< 0.8	2.2 J	0.96 J	< 2	2.3 J	270	< 0.8	53	< 0.8	17	345.46
4/13/2009	5647710	8260	< 1	< 0.8	1.4 J	< 0.8	< 2	1.6 J	260	< 0.8	21	< 0.8	11	295
7/14/2009	5723623	8260	< 1	< 0.8	1.2 J	< 0.8	< 2	0.93 J	290	< 0.8	2.8 J	< 0.8	33	327.93
10/5/2009	5797962	8260	< 1	< 0.8	1.1 J	< 0.8	< 2	0.93 J	260	< 0.8	4.8 J	< 0.8	29	295.83
1/21/2010	5889953	8260	< 1	< 0.8	2.4 J	0.87 J	< 2	2.5 J	240	1.8 J	110	< 0.8	9.7	367.27
4/19/2010	5957669	8260	< 1	< 0.8	1.7 J	0.91 J	< 2	1.3 J	280	< 0.8	22	< 0.8	28	333.91
7/13/2010	6031621	8260	< 1	< 0.8	1.3 J	< 0.8	< 2	0.95 J	270	< 0.8	8.2	< 0.8	40	320.45
10/18/2010	6115537	8260	< 1	< 0.8	< 1	< 0.8	< 2	0.93 J	270	< 0.8	1.2 J	< 0.8	33	305.13
1/26/2011	6192948	8260	< 1	< 0.8	2.6 J	< 0.8	< 2	3.5 J	170	1.4 J	120	< 0.8	1.7 J	299.2
4/21/2011	6266004	8260	< 1	< 0.8	1.1 J	0.83 J	< 2	1 J	280	< 0.8	< 1	< 0.8	17	299.93
7/21/2011	6353678	8260	< 1	< 0.8	1.1 J	< 0.8	< 2	0.86 J	260	< 0.8	3.7 J	< 0.8	28	293.66
10/13/2011	6437681	8260	< 1	< 0.8	1.1 J	< 0.8	< 2	1 J	240	< 0.8	10	< 0.8	27	279.1

< - Indicates parameter was analyzed for, but not detected at or above the reporting limit
To Address the NYSDEC concerns regarding the presentation and plotting of non-detected values, the data for 2001 to 2004 has been reevaluated and interpreted as follows:

1) Non-detected concentrations have been represented as '<' for reporting purposes.
2) Total VOCs have been recalculated and represented as the sum of the detected parameters shown on this table.
3) The method change to 8260 was approved by the NYSDEC and changed in January 2005.

B - The analyte is present in the associated method blank.
D - Result reported from a secondary dilution analysis.
E - Concentration exceeds the calibration range; Result is estimated.
J - Indicates an estimated value.
µg/L - micrograms per liter

Well ID: **B-23M**

Date	Lab Sample ID	Method	Carbon tetrachloride (µg/L)	Chloroform (µg/L)	1,1-Dichloroethane (µg/L)	1,1-Dichloroethene (µg/L)	Methylene chloride (µg/L)	trans-1,2-Dichloroethene (µg/L)	cis-1,2-Dichloroethene (µg/L)	1,1,1-Trichloroethane (µg/L)	Trichloroethene (µg/L)	Tetrachloroethene (µg/L)	Vinyl chloride (µg/L)	Total
1/17/2012	6524418	8260	< 1	< 0.8	1.7 J	< 0.8	< 2	1.4 J	210	< 0.8	57	< 0.8	8.6	278.7
4/11/2012	6613966	8260	< 1	< 0.8	< 1	< 0.8	< 2	< 0.8	250	< 0.8	1.3 J	< 0.8	23	274.3
7/12/2012	6719399	8260	< 1	< 0.8	1.1 J	< 0.8	< 2	0.91 J	240	< 0.8	4.8 J	< 0.8	25	271.81
10/3/2012	6812006	8260	< 1	< 0.8	< 1	< 0.8	< 2	< 0.8	230	< 0.8	7.5	< 0.8	27	264.5
1/23/2013	6932570	8260	< 1	< 0.8	2.8 J	< 0.8	< 2	2 J	190	2 J	130	< 0.8	8.5	335.3
4/8/2013	7015024	8260	< 1	< 0.8	< 1	< 0.8	< 2	< 0.8	220	< 0.8	3.7 J	< 0.8	28	251.7
7/16/2013	7129889	8260	< 1	< 0.8	3.4 J	0.91 J	< 2	2.2 J	190	1.4 J	170	< 0.8	9.3	377.21
11/13/2013	7276549	8260	< 1	< 0.8	2.6 J	1 J	< 2	2 J	250	1.2 J	170	< 0.8	11	437.8
1/17/2014	7341389	8260	< 1	< 0.8	2 J	< 0.8	< 2	1.8 J	170	0.83 J	130	< 0.8	1.1 J	305.73
4/24/2014	7442060	8260	< 0.5	< 0.5	1.2	0.62 J	< 2	1 J	210	< 0.5	27	< 0.5	11	250.82
7/16/2014	7535886	8260	< 0.5	< 0.5	2.1	0.84 J	< 2	3.4	160	1.2	220	< 0.5	3.1	390.64
10/2/2014	7623667	8260	< 0.5	< 0.5	0.93 J	< 0.5	< 2	0.81 J	190	< 0.5	13	< 0.5	26	230.74
1/8/2015	7734026	8260	< 0.5	< 0.5	2	0.71 J	< 2	2.5	140	1.3	160	< 0.5	3.4	309.91
4/22/2015	7858499	8260	< 0.5	< 0.5	1.6	0.6 J	< 2	1.4	190	< 0.5	62	< 0.5	3.1	258.7
7/14/2015	7967354	SW8260C	< 0.5	< 0.5	1.2	< 0.5	< 2	2.1	130	0.73 J	59	< 0.5	3.7	196.73
10/7/2015	8080775	SW8260C	< 0.5	< 0.5	1.7	0.58 J	< 2	1	170	0.81 J	32	< 0.5	18	224.09
1/7/2016	8199647	SW8260C	< 0.5	< 0.5	1.3	< 0.5	< 2	< 0.5	200	< 0.5	22	< 0.5	29	252.3
12/5/2016	240-73125-4	8260C	< 6.7	< 6.7	< 6.7	< 6.7	< 6.7	< 6.7	140	< 6.7	< 6.7	< 6.7	24	164
5/3/2017	240-79160-3	8260C	< 2.5	< 2.5	1.1 J	< 2.5	< 2.5	2.7	76	0.58 J	86	< 2.5	8.8	175.18
11/3/2017	240-87694-6	8260C	< 2.5	< 2.5	1.3 J	< 2.5	< 2.5	1.9 J	70	< 2.5	82	< 2.5	< 2.5	155.2
4/12/2018	240-94116-11	8260C	< 5.0	< 5.0	1.6 J	< 5.0	12	1.8 J	120	< 5.0	120	< 5.0	3.1 J	258.5
9/27/2018	240-102125-11	8260C	< 2.0	< 2.0	0.81 J	< 2.0	< 10	0.59 J	150	< 2.0	5.8	< 2.0	33	190.2
4/8/2019	240-110803-7	8260C	< 4.0	< 4.0	2.2 J	< 4.0	< 20	1.9 J	62	2.9 J	140	< 4.0	< 4.0	209
11/21/2019	240-122893-2	624.1_L	< 4.0	0.67 J	2.8 J	0.92 J	< 20	2.7	99	3.7 J	200	< 4.0	0.90 J	310.69
3/26/2020	240-128236-4	8260C	< 5.0	< 5.0	2.8 J	< 5.0	< 25	2.1 J	85	2.4 J	180	< 5.0	2.8 J	275.1
10/29/2020	240-139252-7	8260C	< 5.0	5.1	1.2 J	< 5.0	< 25	1.8 J	44	< 5.0	100	< 5.0	< 5.0	152.1
4/20/2021	240-147939-4	8260C	< 5.0	< 5.0	2.1 J	< 5.0	< 25	1.5 J	150	< 5.0	100	< 5.0	21	274.6
10/27/2021	240-159076-10	8260C	< 5.0	< 5.0	< 5.0	< 5.0	< 25	< 5.0	160	< 5.0	82	< 5.0	23	265
4/12/2022	240-165070-5	8260C	< 5.0	< 5.0	3.2 J	< 5.0	< 25	< 5.0	99	< 5.0	220	< 5.0	< 5.0	322.2
10/18/2022	240-175103-15	8260D	< 5.0	< 5.0	< 5.0	< 5.0	< 25	< 5.0	90	< 5.0	4.9 J	< 5.0	59	153.9
3/22/2023	240-182590-15	8260D	< 5.0	< 5.0	< 5.0	< 5.0	< 25	< 5.0	77	< 5.0	170	< 5.0	< 5.0	247
10/19/2023	240-194049-16	8260D	< 5.0	< 5.0	< 5.0	< 5.0	< 25	< 5.0	120	< 5.0	7.5	< 5.0	54	181.5

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To Address the NYSDEC concerns regarding the presentation and plotting of non-detected values, the data for 2001 to 2004 has been reevaluated and interpreted as follows:

1) Non-detected concentrations have been represented as '<' for reporting purposes.
2) Total VOCs have been recalculated and represented as the sum of the detected parameters shown on this table.
3) The method change to 8260 was approved by the NYSDEC and changed in January 2005.

B - The analyte is present in the associated method blank.
D - Result reported from a secondary dilution analysis.
E - Concentration exceeds the calibration range; Result is estimated.
J - Indicates an estimated value.
µg/L - micrograms per liter

MONITORING WELL GROUNDWATER ANALYTICAL RESULT SUMMARY
FORMER CARBORUNDUM COMPANY
SANBORN, NEW YORK

Well ID: **B-24M**

Date	Lab Sample ID	Method	Carbon tetrachloride (µg/L)	Chloroform (µg/L)	1,1-Dichloroethane (µg/L)	1,1-Dichloroethene (µg/L)	Methylene chloride (µg/L)	trans-1,2-Dichloroethene (µg/L)	cis-1,2-Dichloroethene (µg/L)	1,1,1-Trichloroethane (µg/L)	Trichloroethene (µg/L)	Tetrachloroethene (µg/L)	Vinyl chloride (µg/L)	Total
1/1/1989		8260	< 0.1	< 5	< 0.07	< 0.1	0.1	< 0.1	1	< 0.03	6	< 0.03	< 0.2	7.1
4/1/1989		8260	< 0.1	< 0.05	< 0.07	< 0.03	< 0.1	< 0.1	2	< 0.03	11	< 0.03	< 0.2	13
7/1/1989		8260	< 1.2	< 0.5	< 0.7	< 1.3	< 2.5	< 1	2.2	< 0.3	16	< 0.3	< 1.8	18.2
10/1/1989		8260	1.8	< 0.5	< 0.7	< 1	< 1	< 1	44	2.1	220	< 0.3	1.6	269.5
1/1/1990		8260	< 1	< 0.5	< 0.7	< 1	< 5	< 1	3.3	< 0.3	17	< 0.3	< 1	20.3
4/1/1990		8260	< 1	< 0.5	< 0.7	1	< 5	< 1	1.6	< 0.3	11	< 0.3	< 1	13.6
7/1/1990		8260	< 1	< 0.5	< 0.7	< 1	9.5	< 1	1.6	< 0.3	17	< 0.3	< 1	28.1
10/1/1990		8260	< 1	< 0.5	< 0.7	< 1	< 1	< 1	< 1	< 0.3	11	< 0.3	< 1	11
1/1/1991		8260	< 1	< 0.5	< 0.7	< 1	< 5	< 1	6.1	0.8	20	< 0.3	< 1	26.9
5/1/1991		8260	< 1.2	< 0.5	< 0.7	< 1.3	< 2.5	< 1	1.6	< 0.3	18	< 0.3	< 1.8	19.6
7/1/1991		8260	< 1.2	< 0.5	< 0.7	< 1.3	< 2.5	< 1	< 1	< 0.3	24	< 0.3	< 1.8	24
10/1/1991		8260	< 1.2	< 0.5	< 0.7	< 1.3	< 2.5	< 1	< 1	< 0.3	3.6	< 0.3	< 1.8	3.6
1/1/1992		8260	< 1.2	< 0.5	< 0.7	< 1.3	< 2.5	< 1	< 1	< 0.3	11	< 0.3	< 1.8	11
4/1/1992		8260	< 1.2	< 0.5	< 0.7	< 1.3	< 2.5	< 1	< 1	< 0.3	21	< 0.3	< 1.8	21
7/1/1992		8260	< 1.2	< 0.5	< 0.7	< 1.3	< 2.5	< 1	1.7	0.6 A	17	< 0.3	< 1.8	19.3
10/1/1992		8260	< 1.2	< 0.5	< 0.7	< 1.3	< 2.5	< 1	1.6	< 0.3	30	< 0.3	< 1.8	31.6
1/1/1993		8260	< 1.2	< 0.5	< 0.7	< 1.3	< 25	< 1	2.3	< 0.3	22	< 0.3	< 1.8	24.3
3/31/1993		8260	< 1.2	< 0.5	< 0.7	< 1.3	< 2.5	< 1	2.5	< 0.5	19	< 0.3	< 1.8	21.5
6/30/1993		8260	< 1.2	< 0.5	< 0.7	< 1.3	< 2.5	< 1	< 1	< 0.5	13	< 0.3	< 1.8	13
10/5/1993		8260	< 1.2	< 0.5	< 0.7	< 1.3	< 2.5	< 1	< 1	< 0.5	< 12	< 0.3	< 1.8	0
1/27/1994		8260	< 1.2	< 0.5	< 0.7	< 1.3	< 2.5	< 1	< 1	< 0.5	1.7	< 0.3	< 1.8	1.7
4/6/1994		8260	< 1.2	< 0.5	< 0.7	< 1.3	< 2.5	< 1	< 1	0.54	11	< 0.3	< 1.8	11.54
7/8/1994		8260	< 1.2	< 0.5	< 0.7	< 1.3	< 2.5	< 1	< 1	< 0.5	< 1.2	< 0.3	< 1.8	0
10/6/1994		8260	< 1.2	< 0.5	< 0.7	< 1.3	< 2.5	< 1	< 1	< 0.5	< 1.2	< 0.3	< 1.8	0
1/25/1995		8260	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	3	< 1	< 2	3
4/4/1995		8260	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 2	0
6/28/1995		8260	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 2	0
10/4/1995		8260	< 1.2	< 0.5	< 1	< 0.7	< 2.5	< 1	< 1	< 0.64	< 1.2	< 0.79	< 1.8	0
1/9/1996		8260	< 1.2	< 0.5	< 1	< 0.7	< 2.5	< 1	< 1	< 0.64	< 1.2	< 0.79	< 1.8	0
4/3/1996		8260	< 1.2	< 0.5	< 1	< 0.7	< 2.5	< 1	< 1	< 0.64	< 1.2	< 0.79	< 1.8	0
7/11/1996		8260	< 1.2	< 0.5	< 1	< 0.7	< 2.5	< 1	< 1	< 0.64	< 1.2	< 0.79	< 1.8	0
10/2/1996		8260	< 1.2	< 0.5	< 1	< 0.7	< 2.5	< 1	< 1	< 0.64	< 1.2	< 0.79	< 1.8	0
1/27/1997		8260	< 1.2	< 0.5	< 1	< 0.7	< 2.5	< 1	< 1	< 0.64	< 1.2	< 0.79	< 1.8	0
4/16/1997		8260	< 1.2	< 0.5	< 1	< 0.7	< 2.5	< 1	< 1	< 0.64	< 1.2	< 0.79	< 1.8	0
7/10/1997		8260	< 1.2	< 0.5	< 1	< 0.7	< 2.5	< 1	< 1	< 0.64	< 1.2	< 0.79	< 1.8	0
10/22/1997		8260	< 1.2	< 0.5	< 1	< 0.7	< 2.5	< 1	< 1	< 0.64	< 1.2	< 0.79	< 1.8	0
1/20/1998		8260	< 1.2	< 0.5	< 1	< 0.7	< 2.5	< 1	< 1	< 0.64	< 1.2	< 0.79	< 1.8	0
4/23/1998		8260	< 1.2	< 0.5	< 1	< 0.7	< 2.5	< 1	< 1	< 0.64	< 1.2	< 0.79	< 1.8	0
7/22/1998		8260	< 1.2	< 0.5	< 1	< 0.7	< 2.5	< 1	< 1	< 0.64	< 1.2	< 0.79	< 1.8	0
10/9/1998		8260	< 1.2	< 0.5	< 1	< 0.7	< 2.5	< 1	< 1	< 0.64	< 1.2	< 0.79	< 1.8	0
1/22/1999		8260	< 1.2	< 0.5	< 1	< 0.7	< 2.5	< 1	< 1	< 0.64	< 1.2	< 0.79	< 1.8	0
4/19/1999		8260	< 1.2	< 0.5	< 1	< 0.7	< 2.5	< 1	< 1	< 0.64	< 1.2	< 0.79	< 1.8	0
7/22/1999		8260	< 1.2	< 0.5	< 1	< 0.7	< 2.5	< 1	< 1	< 0.64	< 1.2	< 0.79	< 1.8	0
10/11/1999		8260	< 1.2	< 1	< 1	< 1	< 2.5	< 1	< 1	< 1	< 1.2	< 1	< 1.8	0
1/13/2000	A0026410	8021	< 1.2	< 1	< 1	< 1	< 2.5	< 1	< 1	< 1	< 1.2	< 1	< 1.8	0
4/26/2000	A0275209	8021	< 1.2	< 1	< 1	< 1	< 2.5	< 1	2	< 1	4.9	< 1	< 1.8	6.9

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3) The method change to 8260 was approved by the NYSDEC and changed in January 2005.

B - The analyte is present in the associated method blank.
D - Result reported from a secondary dilution analysis.
E - Concentration exceeds the calibration range; Result is estimated.
J - Indicates an estimated value.
µg/L - micrograms per liter

Well ID: **B-24M**

Date	Lab Sample ID	Method	Carbon tetrachloride (µg/L)	Chloroform (µg/L)	1,1-Dichloroethane (µg/L)	1,1-Dichloroethene (µg/L)	Methylene chloride (µg/L)	trans-1,2-Dichloroethene (µg/L)	cis-1,2-Dichloroethene (µg/L)	1,1,1-Trichloroethane (µg/L)	Trichloroethene (µg/L)	Tetrachloroethene (µg/L)	Vinyl chloride (µg/L)	Total
7/13/2000	A0492204	8021	< 1.2	< 1	< 1	< 1	< 2.5	< 1	< 1	< 1	< 1.2	< 1	< 1.8	0
10/25/2000	A0767903	8021	< 1.2	< 1	< 1	< 1	< 2.5	< 1	< 1	< 1	< 1.2	< 1	< 1.8	0
1/17/2001	A1052406	8021	< 1.2	< 1	< 1	< 1	< 2.5	< 1	< 1	< 1	0.3 J	< 1	< 1.8	0.3
4/16/2001	A1345804	624	< 1.2	< 1.5	< 1.8	< 1.4	< 2.5	< 1.8	< 1.4	< 1.1	1.9	< 1.1	< 1.8	1.9
7/16/2001	A1674112	8021	< 1.2	< 1	< 1	< 1	< 2.5	< 1	< 1	< 1	< 1.2	< 1	< 1.8	0
10/18/2001	A1A23309	8021	< 1.2	< 1	< 1	< 1	< 2.5	< 1	< 1	< 1	15	< 1	< 1.8	15
1/22/2002	A2066009	8021	< 1.2	< 1	< 1	< 1	< 2.5	< 1	1.1	< 1	3.6	< 1	< 1.8	4.7
4/17/2002	A2378402	8021	< 1.2	< 1	< 1	< 1	< 2.5	< 1	1.8	< 1	5.9	< 1	< 1.8	7.7
7/12/2002	A2713902	8021	< 1.2	< 1	< 1	< 1	< 2.5	< 1	1.5	< 1	4.7	< 1	< 1.8	6.2
10/9/2002	A2A07702	8021	< 1.2	< 1	< 1	< 1	< 2.5	< 1	< 1	< 1	< 1.2	< 1	< 1.8	0
1/20/2003	A3060801	8021	< 1.2	< 1	< 1	< 1	< 2.5	< 1	0.27 J	< 1	1.9	< 1	< 1.8	2.17
4/9/2003	A3329507	8021	< 1.2	< 1	< 1	< 1	< 2.5	< 1	1.2	< 1	6.5	< 1	< 1.8	7.7
7/8/2003	A3649105	8021	< 1.2	< 1	< 1	< 1	< 2.5	< 1	1.1	< 1	3.3	< 1	< 1.8	4.4
10/13/2003	A3991402	8021	< 1.2	< 1	< 1	< 1	< 2.5	< 1	< 1	< 1	< 1.2	< 1	< 1.8	0
4/20/2004	A4356801	8021	< 1.2	< 1	< 1	< 1	< 2.5	< 1	1.2	< 1	3.7	< 1	< 1.8	4.9
7/13/2004	A4664001	8021	< 1.2	< 1	< 1	< 1	< 2.5	< 1	1.4	< 1	4	< 1	< 1.8	5.4
10/20/2004	A4A32402	8021	< 1	< 1	< 1	< 1	< 1	< 1	1.3	< 1	4	< 1	< 1	5.3
1/12/2005	A5036204	8260	< 1.2	< 1	< 1	< 1	< 2.5	< 1	0.79 J	< 1	4.1	< 1	< 1.8	4.89
4/6/2005	A5317804	8260	< 1.2	< 1	< 1	< 1	< 2.5	< 1	0.63 J	< 1	3.4	< 1	< 1.8	4.03
7/12/2005	A5733203	8260/5M	< 1.2	< 1	< 1	< 1	< 2.5	< 1	0.97 J	< 1	3.5	< 1	< 1.8	4.47
10/5/2005	A5B10601	8260	< 1.2	< 1	< 1	< 1	< 2.5	< 1	< 1	< 1	1.5	< 1	< 1.8	1.5
1/23/2006	A6084702	8260	< 1.2	< 1	< 1	< 1	< 2.5	< 1	1.6	< 1	3.8	< 1	< 1.8	5.4
4/12/2006	6D13005-06	8260	< 1	< 1	< 1	< 1	< 2	< 1	1	< 1	3	< 1	< 2	4
7/19/2006	6G20004-06	8260	< 1	< 1	< 1	< 1	< 2	< 1	< 1	< 1	3	< 1	< 2	3
10/10/2006	6J11002-03	8260	< 1	< 1	< 1	< 1	< 2	< 1	1	< 1	2	< 1	< 2	3
1/8/2007	7A09003-02	8260	< 1	< 1	< 1	< 1	< 2	< 1	1	< 1	3	< 1	< 2	4
4/4/2007	7D05011-02	8260	< 1	< 1	< 1	< 1	3	< 1	1	< 1	3	< 1	< 2	7
7/11/2007	7G12003-03	8260	< 1	< 1	< 1	< 1	< 2	< 1	< 1	< 1	3	< 1	< 2	3
10/10/2007	7J11002-05	8260	< 1	< 1	< 1	< 1	< 2	< 1	< 1	< 1	1	< 1	< 2	1
1/8/2008	8A09005-05	8260	< 1	< 1	< 1	< 1	< 2	< 1	6	< 1	12	< 1	< 2	18
4/7/2008	8D08002-05	8260	< 1	< 1	< 1	< 1	< 2	< 1	1	< 1	4	< 1	< 2	5
7/28/2008	5426821	8260	< 1	< 0.8	< 1	< 0.8	< 2	< 0.8	< 0.8	< 0.8	1.2 J	< 0.8	< 1	1.2
10/17/2008	5502674	8260	< 1	< 0.8	< 1	< 0.8	< 2	< 0.8	< 0.8	< 0.8	4.3 J	< 0.8	< 1	4.3
1/13/2009	5576514	8260	< 1	< 0.8	< 1	< 0.8	< 2	< 0.8	1.1 J	< 0.8	4.2 J	< 0.8	< 1	5.3
4/13/2009	5647711	8260	< 1	< 0.8	< 1	< 0.8	< 2	< 0.8	0.99 J	< 0.8	3.2 J	< 0.8	< 1	4.19
7/15/2009	5724678	8260	< 1	< 0.8	< 1	< 0.8	< 2	< 0.8	< 0.8	< 0.8	1.2 J	< 0.8	< 1	1.2
10/5/2009	5797963	8260	< 1	< 0.8	< 1	< 0.8	< 2	< 0.8	< 0.8	< 0.8	2.3 J	< 0.8	< 1	2.3
1/21/2010	5889950	8260	< 1	< 0.8	< 1	< 0.8	< 2	< 0.8	0.95 J	< 0.8	2.6 J	< 0.8	< 1	3.55
4/6/2010	5946905	8260	< 1	< 0.8	< 1	< 0.8	< 2	< 0.8	< 0.8	< 0.8	2.7 J	< 0.8	< 1	2.7
7/20/2010	6038212	8260	< 1	< 0.8	< 1	< 0.8	< 2	< 0.8	< 0.8	< 0.8	3.1 J	< 0.8	< 1	3.1
10/18/2010	6115538	8260	< 1	< 0.8	< 1	< 0.8	< 2	< 0.8	< 0.8	< 0.8	< 1	< 0.8	< 1	0
1/26/2011	6192949	8260	< 1	< 0.8	< 1	< 0.8	< 2	< 0.8	2.3 J	< 0.8	6	< 0.8	< 1	8.3
4/13/2011	6258126	8260	< 1	< 0.8	< 1	< 0.8	< 2	< 0.8	1 J	< 0.8	2.9 J	< 0.8	< 1	3.9
7/19/2011	6350144	8260	< 1	< 0.8	< 1	< 0.8	< 2	< 0.8	1 J	< 0.8	3.5 J	< 0.8	< 1	4.5
10/13/2011	6437682	8260	< 1	< 0.8	< 1	< 0.8	< 2	< 0.8	< 0.8	< 0.8	1.5 J	< 0.8	< 1	1.5
1/17/2012	6524417	8260	< 1	< 0.8	< 1	< 0.8	< 2	< 0.8	2.2 J	< 0.8	4.7 J	< 0.8	< 1	6.9
4/3/2012	6605297	8260	< 1	< 0.8	< 1	< 0.8	< 2	< 0.8	1.3 J	< 0.8	3.1 J	< 0.8	< 1	4.4
7/12/2012	6719396	8260	< 1	< 0.8	< 1	< 0.8	< 2	< 0.8	< 0.8	< 0.8	2.3 J	< 0.8	< 1	2.3
10/3/2012	6812008	8260	< 1	< 0.8	< 1	< 0.8	< 2	< 0.8	< 0.8	< 0.8	< 1	< 0.8	< 1	0

< - Indicates parameter was analyzed for, but not detected at or above the reporting limit
To Address the NYSDEC concerns regarding the presentation and plotting of non-detected values, the data for 2001 to 2004 has been reevaluated and interpreted as follows:

1) Non-detected concentrations have been represented as '<' for reporting purposes.
2) Total VOCs have been recalculated and represented as the sum of the detected parameters shown on this table.
3) The method change to 8260 was approved by the NYSDEC and changed in January 2005.

B - The analyte is present in the associated method blank.
D - Result reported from a secondary dilution analysis.
E - Concentration exceeds the calibration range; Result is estimated.
J - Indicates an estimated value.
µg/L - micrograms per liter

Well ID: **B-24M**

Date	Lab Sample ID	Method	Carbon tetrachloride (µg/L)	Chloroform (µg/L)	1,1-Dichloroethane (µg/L)	1,1-Dichloroethene (µg/L)	Methylene chloride (µg/L)	trans-1,2-Dichloroethene (µg/L)	cis-1,2-Dichloroethene (µg/L)	1,1,1-Trichloroethane (µg/L)	Trichloroethene (µg/L)	Tetrachloroethene (µg/L)	Vinyl chloride (µg/L)	Total
1/23/2013	6932572	8260	< 1	< 0.8	< 1	< 0.8	< 2	< 0.8	2.7 J	< 0.8	7.1	< 0.8	< 1	9.8
4/8/2013	7015026	8260	< 1	< 0.8	< 1	< 0.8	< 2	< 0.8	2.1 J	< 0.8	5.2	< 0.8	< 1	7.3
7/16/2013	7129892	8260	< 1	< 0.8	< 1	< 0.8	< 2	< 0.8	1.9 J	< 0.8	3.7 J	< 0.8	< 1	5.6
11/13/2013	7276547	8260	< 1	< 0.8	< 1	< 0.8	< 2	< 0.8	3.4 J	< 0.8	5.4	< 0.8	< 1	8.8
1/20/2014	7342587	8260	< 1	< 0.8	< 1	< 0.8	< 2	< 0.8	2.4 J	< 0.8	4.4 J	< 0.8	< 1	6.8
4/15/2014	7432582	8260	< 0.5	< 0.5	< 0.5	< 0.5	< 2	< 0.5	3.3	< 0.5	5.2	< 0.5	< 0.5	8.5
7/16/2014	7535890	8260	< 0.5	< 0.5	< 0.5	< 0.5	< 2	< 0.5	2.2	< 0.5	3.5	< 0.5	< 0.5	5.7
10/2/2014	7623666	8260	< 0.5	< 0.5	< 0.5	< 0.5	< 2	< 0.5	2.6	< 0.5	3.9	< 0.5	< 0.5	6.5
1/8/2015	7734025	8260	< 0.5	< 0.5	< 0.5	< 0.5	< 2	< 0.5	4.7	< 0.5	7.7	< 0.5	< 0.5	12.4
4/14/2015	7847247	8260	< 0.5	< 0.5	< 0.5	< 0.5	< 2	< 0.5	< 0.5	< 0.5	0.95 J	3.2	< 0.5	4.15
7/14/2015	7967351	SW8260C	< 0.5	< 0.5	< 0.5	< 0.5	< 2	< 0.5	2.7	< 0.5	3.9	< 0.5	< 0.5	6.6
10/7/2015	8080772	SW8260C	< 0.5	< 0.5	< 0.5	< 0.5	< 2	< 0.5	0.67 J	< 0.5	1.9	< 0.5	< 0.5	2.57
1/7/2016	8199643	SW8260C	< 0.5	< 0.5	< 0.5	< 0.5	< 2	< 0.5	2.1	< 0.5	4.6	< 0.5	< 0.5	6.7
12/6/2016	240-73125-6	8260C	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	2.1	< 1.0	1.6	< 1.0	< 1.0	3.7
5/3/2017	240-79160-4	8260C	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	1.8	< 1.0	4.2	< 1.0	< 1.0	6
4/12/2018	240-94116-12	8260C	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	1.6	< 1.0	7.5	< 1.0	< 1.0	9.1
4/8/2019	240-110803-5	8260C	< 1.0	< 1.0	< 1.0	< 1.0	< 5.0	< 1.0	1.4	< 1.0	5.1	< 1.0	< 1.0	6.5
3/26/2020	240-128236-5	8260C	< 1.0	< 1.0	< 1.0	< 1.0	< 5.0	< 1.0	0.63 J	< 1.0	3.2	< 1.0	< 1.0	3.83
4/20/2021	240-147939-7	8260C	< 1.0	< 1.0	< 1.0	< 1.0	< 5.0	< 1.0	2	< 1.0	7.4	< 1.0	< 1.0	9.4
4/12/2022	240-165070-6	8260C	< 1.0	< 1.0	< 1.0	< 1.0	< 5.0	< 1.0	1.4	< 1.0	5.1	< 1.0	< 1.0	6.5
3/22/2023	240-182590-26	8260D	< 1.0	< 1.0	< 1.0	< 1.0	< 5.0	< 1.0	0.96 J	< 1.0	3.9	< 1.0	< 1.0	4.86

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2) Total VOCs have been recalculated and represented as the sum of the detected parameters shown on this table.
3) The method change to 8260 was approved by the NYSDEC and changed in January 2005.

B - The analyte is present in the associated method blank.
D - Result reported from a secondary dilution analysis.
E - Concentration exceeds the calibration range; Result is estimated.
J - Indicates an estimated value.
µg/L - micrograms per liter

MONITORING WELL GROUNDWATER ANALYTICAL RESULT SUMMARY
FORMER CARBORUNDUM COMPANY
SANBORN, NEW YORK

Well ID: **B-25M**

Date	Lab Sample ID	Method	Carbon tetrachloride (µg/L)	Chloroform (µg/L)	1,1-Dichloroethane (µg/L)	1,1-Dichloroethene (µg/L)	Methylene chloride (µg/L)	trans-1,2-Dichloroethene (µg/L)	cis-1,2-Dichloroethene (µg/L)	1,1,1-Trichloroethane (µg/L)	Trichloroethene (µg/L)	Tetrachloroethene (µg/L)	Vinyl chloride (µg/L)	Total
1/1/1989		8260	< 0.1	< 5	< 0.07	< 0.1	0.2	< 0.1	< 0.1	< 0.03	0.8	< 0.03	< 0.2	1
4/1/1989		8260	< 0.1	< 0.05	< 0.07	< 0.03	< 0.1	< 0.1	< 0.1	< 0.03	0.1	< 0.03	< 0.2	0.1
7/1/1989		8260	< 1.2	< 0.5	< 0.7	< 1.3	< 2.5	< 1	< 1	< 0.3	< 1.2	< 0.3	< 1.8	0
10/1/1989		8260	< 1	< 0.5	< 0.7	< 1	< 1	< 1	< 1	< 0.3	< 1	< 0.3	< 1	0
1/1/1990		8260	< 1	< 0.5	< 0.7	< 1	< 1	< 1	23	< 0.3	9.8	< 0.3	1.4	34.2
4/1/1990		8260	< 1	< 0.5	< 0.7	< 1	< 5	< 1	< 1	< 0.3	< 1	< 0.3	< 1	0
7/1/1990		8260	< 1	< 0.5	< 0.7	< 1	16	< 1	< 1	< 0.3	< 1	< 0.3	< 1	16
10/1/1990		8260	< 1	< 0.5	< 0.7	< 1	< 1	< 1	< 1	1.4	< 1	< 0.3	< 1	1.4
1/1/1991		8260	< 1	< 0.5	< 0.7	< 1	< 5	< 1	< 1	< 0.3	< 1	< 0.3	< 1	0
5/1/1991		8260	< 1.2	< 0.5	< 0.7	< 1.3	< 2.5	< 1	< 1	< 0.3	< 1.2	< 0.3	< 1.8	0
7/1/1991		8260	< 1.2	< 0.5	< 0.7	< 1.3	< 2.5	< 1	< 1	< 0.3	< 1.2	< 0.3	< 1.8	0
10/1/1991		8260	< 1.2	< 0.5	< 0.7	< 1.3	< 2.5	< 1	< 1	< 0.3	< 1.2	< 0.3	< 1.8	0
1/1/1992		8260	< 1.2	< 0.5	< 0.7	< 1.3	< 2.5	< 1	< 1	< 0.3	< 1.2	< 0.3	< 1.8	0
4/1/1992		8260	< 1.2	< 0.5	< 0.7	< 1.3	< 2.5	< 1	< 1	< 0.3	< 1.2	< 0.3	< 1.8	0
7/1/1992		8260	< 1.2	< 0.5	< 0.7	< 1.3	< 2.5	< 1	< 1	2.7 A	< 1.2	< 0.3	< 1.8	2.7
10/1/1992		8260	< 1.2	< 0.5	< 0.7	< 1.3	< 2.5	< 1	< 1	< 0.3	< 1.2	< 0.3	< 1.8	0
1/1/1993		8260	< 1.2	< 0.5	< 0.7	< 1.3	< 2.5	< 1	< 1	< 0.3	< 1.2	< 0.3	< 1.8	0
4/1/1993		8260	< 1.2	< 0.5	< 0.7	< 1.3	< 2.5	< 1	< 1	< 0.5	< 1.2	< 0.3	< 1.8	0
6/30/1993		8260	< 1.2	< 0.5	< 0.7	< 1.3	< 2.5	< 1	< 1	< 0.5	< 1.2	< 0.3	< 1.8	0
10/5/1993		8260	< 1.2	< 0.5	< 0.7	< 1.3	< 2.5	< 1	< 1	< 0.5	< 1.2	< 0.3	< 1.8	0
7/7/1994		8260	< 1.2	< 0.5	< 0.7	< 1.3	< 2.5	< 1	< 1	< 0.5	< 1.2	< 0.3	< 1.8	0
6/28/1995		8260	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 2	0
7/11/1996		8260	< 1.2	< 0.5	< 1	< 0.7	< 2.5	< 1	< 1	< 0.64	< 1.2	< 0.79	< 1.8	0
7/10/1997		8260	< 1.2	< 0.5	< 1	< 0.7	< 2.5	< 1	< 1	< 0.64	< 1.2	< 0.79	< 1.8	0
7/22/1998		8260	< 1.2	< 0.5	< 1	< 0.7	< 2.5	< 1	< 1	< 0.64	< 1.2	< 0.79	< 1.8	0
7/22/1999		8260	< 1.2	< 0.5	< 1	< 0.7	< 2.5	< 1	< 1	< 0.64	< 1.2	< 0.79	< 1.8	0
7/13/2000	A0492203	8021	< 1.2	< 1	< 1	< 1	< 2.5	< 1	< 1	< 1	< 1.2	< 1	< 1.8	0
7/16/2001	A1674109	8021	< 1.2	< 1	< 1	< 1	< 2.5	< 1	< 1	< 1	< 1.2	< 1	< 1.8	0
7/10/2002	A2708301	8021	< 1.2	< 1	< 1	< 1	< 2.5	< 1	< 1	< 1	< 1.2	< 1	< 1.8	0
7/2/2003	A3639714	8021	< 1.2	< 1	< 1	< 1	< 2.5	< 1	< 1	< 1	< 1.2	< 1	< 1.8	0
7/14/2004	A4664208	8021	< 1.2	< 1	< 1	< 1	< 2.5	< 1	1.4	< 1	1.3	< 1	< 1.8	2.7
7/12/2005	A5733105	8260/5M	< 1.2	< 1	< 1	< 1	< 2.5	< 1	0.68 J	< 1	1.3	< 1	< 1.8	1.98

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2) Total VOCs have been recalculated and represented as the sum of the detected parameters shown on this table.
3) The method change to 8260 was approved by the NYSDEC and changed in January 2005.

B - The analyte is present in the associated method blank.
D - Result reported from a secondary dilution analysis.
E - Concentration exceeds the calibration range; Result is estimated.
J - Indicates an estimated value.
µg/L - micrograms per liter

MONITORING WELL GROUNDWATER ANALYTICAL RESULT SUMMARY
FORMER CARBORUNDUM COMPANY
SANBORN, NEW YORK

Well ID: **B-26M**

Date	Lab Sample ID	Method	Carbon tetrachloride (µg/L)	Chloroform (µg/L)	1,1-Dichloroethane (µg/L)	1,1-Dichloroethene (µg/L)	Methylene chloride (µg/L)	trans-1,2-Dichloroethene (µg/L)	cis-1,2-Dichloroethene (µg/L)	1,1,1-Trichloroethane (µg/L)	Trichloroethene (µg/L)	Tetrachloroethene (µg/L)	Vinyl chloride (µg/L)	Total
1/1/1989		8260	< 0.1	< 5	< 0.07	< 0.1	0.2	< 0.1	< 0.1	< 0.03	1.3	< 0.03	< 0.2	1.5
4/1/1989		8260	< 0.1	< 0.05	< 0.07	< 0.03	< 0.1	< 0.1	< 0.1	< 0.03	< 0.1	< 0.03	< 0.2	0
7/1/1989		8260	< 1.2	< 0.5	< 0.7	< 1.3	< 2.5	< 1	< 1	< 0.3	1.2	< 0.3	< 1.8	1.2
10/1/1989		8260	< 1	< 0.5	< 0.7	< 1	< 1	< 1	< 1	< 0.3	3.1	< 0.3	< 1	3.1
1/1/1990		8260	< 1	< 0.5	< 0.7	< 1	< 5	< 1	< 1	< 0.3	< 1	< 0.3	< 1	0
4/1/1990		8260	< 1	< 0.5	< 0.7	< 1	< 5	< 1	< 1	< 0.3	< 1	< 0.3	< 1	0
7/1/1990		8260	< 1	< 0.5	< 0.7	< 1	11	< 1	< 1	< 0.3	< 1	< 0.3	< 1	11
10/1/1990		8260	< 1	< 0.5	< 0.7	< 1	< 1	< 1	< 1	< 0.3	< 1	< 0.3	< 1	0
1/1/1991		8260	< 1	< 0.5	< 0.7	< 1	< 5	< 1	< 1	< 0.3	< 1	< 0.3	< 1	0
5/1/1991		8260	< 1.2	< 0.5	< 0.7	< 1.3	< 2.5	< 1	< 1	< 0.3	< 1.2	< 0.3	< 1.8	0
7/1/1991		8260	< 1.2	< 0.5	< 0.7	< 1.3	< 2.5	< 1	< 1	< 0.3	< 1.2	< 0.3	< 1.8	0
10/1/1991		8260	< 1.2	< 0.5	< 0.7	< 1.3	< 2.5	< 1	< 1	< 0.3	< 1.2	< 0.3	< 1.8	0
1/1/1992		8260	< 1.2	< 0.5	< 0.7	< 1.3	< 2.5	< 1	< 1	< 0.3	< 1.2	< 0.3	< 1.8	0
4/1/1992		8260	< 1.2	< 0.5	< 0.7	< 1.3	< 2.5	< 1	< 1	< 0.3	< 1.2	< 0.3	< 1.8	0
7/1/1992		8260	< 1.2	< 0.5	< 0.7	< 1.3	< 2.5	< 1	< 1	1.5 A	< 1.2	< 0.3	< 1.8	1.5
10/1/1992		8260	< 1.2	< 0.5	< 0.7	< 1.3	< 2.5	< 1	< 1	< 0.3	< 1.2	< 0.3	< 1.8	0
1/1/1993		8260	< 1.2	< 0.5	< 0.7	< 1.3	< 2.5	< 1	< 1	< 0.3	< 1.2	< 0.3	< 1.8	0
4/1/1993		8260	< 1.2	< 0.5	< 0.7	< 1.3	< 2.5	< 1	< 1	< 0.5	< 1.2	< 0.3	< 1.8	0
6/30/1993		8260	< 1.2	< 0.5	< 0.7	< 1.3	< 2.5	< 1	< 1	0.78	< 1.2	< 0.3	< 1.8	0.78
10/5/1993		8260	< 1.2	< 0.5	< 0.7	< 1.3	< 2.5	< 1	< 1	< 0.5	< 1.2	< 0.3	< 1.8	0
7/7/1994		8260	< 1.2	< 0.5	< 0.7	< 1.3	< 2.5	< 1	< 1	< 0.5	< 1.2	< 0.3	< 1.8	0
6/28/1995		8260	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 2	0
7/11/1996		8260	< 1.2	< 0.5	< 1	< 0.7	< 2.5	< 1	< 1	< 0.64	< 1.2	< 0.79	< 1.8	0
7/10/1997		8260	< 1.2	< 0.5	< 1	< 0.7	< 2.5	< 1	< 1	< 0.64	< 1.2	< 0.79	< 1.8	0
7/22/1998		8260	< 1.2	< 0.5	< 1	< 0.7	< 2.5	< 1	< 1	< 0.64	< 1.2	< 0.79	< 1.8	0
7/28/1999		8260	< 1.2	< 0.5	< 1	< 0.7	< 2.5	< 1	< 1	< 0.64	< 1.2	< 0.79	< 1.8	0
7/19/2000	A0508901	8021	< 1.2	< 1	< 1	< 1	< 2.5	< 1	< 1	< 1	< 1.2	< 1	< 1.8	0
7/16/2001	A1674101	8021	< 1.2	< 1	< 1	< 1	< 2.5	< 1	< 1	< 1	< 1.2	< 1	< 1.8	0
7/10/2002	A2708302	8021	< 1.2	< 1	< 1	< 1	< 2.5	< 1	< 1	< 1	< 1.2	< 1	< 1.8	0
7/2/2003	A3639715	8021	< 1.2	< 1	< 1	< 1	< 2.5	< 1	< 1	< 1	< 1.2	< 1	< 1.8	0
7/14/2004	A4664207	8021	< 1.2	< 1	< 1	< 1	< 2.5	< 1	< 1	< 1	< 1.2	< 1	< 1.8	0
7/8/2005	A5715202	8260/5M	< 1.2	< 1	< 1	< 1	< 2.5	< 1	< 1	< 1	< 1.2	< 1	< 1.8	0
7/20/2006	6G21005-03	8260	< 1	< 1	< 1	< 1	4	< 1	< 1	< 1	< 1	< 1	< 2	4
7/18/2007	7G19011-05	8260	< 1	< 1	< 1	< 1	< 2	< 1	< 1	< 1	< 1	< 1	< 2	0
7/24/2008	5424621	8260	< 1	< 0.8	< 1	< 0.8	< 2	< 0.8	< 0.8	< 0.8	< 1	< 0.8	< 1	0
7/14/2009	5723631	8260	< 1	< 0.8	< 1	< 0.8	< 2	< 0.8	< 0.8	< 0.8	< 1	< 0.8	< 1	0
7/13/2010	6031619	8260	< 1	< 0.8	< 1	< 0.8	< 2	< 0.8	< 0.8	< 0.8	< 1	< 0.8	< 1	0
7/18/2011	6348769	8260	< 1	< 0.8	< 1	< 0.8	< 2	< 0.8	< 0.8	< 0.8	8.9	< 0.8	< 1	8.9
1/19/2012	6527708	8260	< 1	< 0.8	< 1	< 0.8	< 2	< 0.8	< 0.8	< 0.8	< 1	< 0.8	< 1	0
4/4/2012	6607021	8260	< 1	< 0.8	< 1	< 0.8	< 2	< 0.8	< 0.8	< 0.8	< 1	< 0.8	< 1	0
7/16/2012	6722034	8260	< 1	< 0.8	< 1	< 0.8	< 2	< 0.8	< 0.8	< 0.8	< 1	< 0.8	< 1	0
7/9/2013	7122565	8260	< 1	< 0.8	< 1	< 0.8	< 2	< 0.8	< 0.8	< 0.8	< 1	< 0.8	< 1	0
7/9/2014	7527867	8260	< 0.5	< 0.5	< 0.5	< 0.5	< 2	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	0
7/15/2015	7968768	SW8260C	< 0.5	< 0.5	< 0.5	< 0.5	< 2	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	0

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2) Total VOCs have been recalculated and represented as the sum of the detected parameters shown on this table.
3) The method change to 8260 was approved by the NYSDEC and changed in January 2005.

B - The analyte is present in the associated method blank.
D - Result reported from a secondary dilution analysis.
E - Concentration exceeds the calibration range; Result is estimated.
J - Indicates an estimated value.
µg/L - micrograms per liter

MONITORING WELL GROUNDWATER ANALYTICAL RESULT SUMMARY
FORMER CARBORUNDUM COMPANY
SANBORN, NEW YORK

Well ID: **B-27M**

Date	Lab Sample ID	Method	Carbon tetrachloride (µg/L)	Chloroform (µg/L)	1,1-Dichloroethane (µg/L)	1,1-Dichloroethene (µg/L)	Methylene chloride (µg/L)	trans-1,2-Dichloroethene (µg/L)	cis-1,2-Dichloroethene (µg/L)	1,1,1-Trichloroethane (µg/L)	Trichloroethene (µg/L)	Tetrachloroethene (µg/L)	Vinyl chloride (µg/L)	Total
4/1/1989		8260	< 0.1	< 0.05	0.4	0.6	< 0.1	0.6	25	< 0.03	11	< 0.03	4.4	42
7/1/1989		8260	< 1.2	< 0.5	< 0.7	< 1.3	< 2.5	< 1	< 1	< 0.3	< 1.2	< 0.3	< 1.8	0
10/1/1989		8260	< 200	< 100	< 140	73	< 200	< 200	8000	< 60	< 200	< 60	2000	10073
1/1/1990		8260	< 10	< 5	< 7	< 10	< 50	< 10	990	< 3	< 10	< 3	91	1081
4/1/1990		8260	< 10	< 5	< 7	< 10	< 50	< 10	530	< 3	< 10	< 3	74	604
7/1/1990		8260	< 2	< 1	2.9	3.6	7.1	21	550	4	9.6	< 0.6	130	728.2
10/1/1990		8260	< 10	< 5	62	79	< 10	63	9100	< 10	20	< 3	2000	11324
1/1/1991		8260	< 2	< 1	2	3.6	< 10	6.5	560	9	4.1	< 0.6	93	678.2
5/1/1991		8260	< 60	< 25	< 35	< 65	< 120	< 50	360	< 15	< 60	< 15	< 90	360
7/1/1991		8260	< 60	< 25	< 35	< 65	< 130	< 50	450	< 15	< 60	< 15	93	543
10/1/1991		8260	< 120	< 50	< 70	< 130	< 250	< 100	6200	< 30	1000	< 30	4500	11700
1/1/1992		8260	< 240	< 100	< 140	< 260	< 500	< 200	10000	< 150	< 240	< 60	5000	15000
4/1/1992		8260	< 240	< 100	< 140	< 260	< 500	< 200	730	< 60	< 240	< 60	< 240	730
7/1/1992		8260	< 12	< 5	< 7	< 13	< 25	< 10	640	< 10	< 12	< 3	210	850
10/1/1992		8260	6	< 2.5	< 7	< 6.5	< 13	< 5	300	< 1.5	< 6	< 1.5	170	476
1/1/1993		8260	< 12	< 5	180	250	< 25	140	13000	65	77	< 3	4700	18412
3/29/1993		8260	< 12	< 5	< 7	< 13	< 25	< 10	1100	< 5	< 12	< 3	410	1510
5/5/1993		8260	< 12	< 5	59	99	< 25	76	12000	21	37	< 3	3200	15492
6/3/1993		8260	< 12	< 5	80	100	33	120	12000	34	50	< 3	9500	21917
6/28/1993		8260	< 240	< 100	140	< 260	< 500	< 200	33000	110	660	< 60	4700	38610
8/5/1993		8260	< 120	< 50	< 70	< 130	< 250	< 100	6700	< 50	< 120	< 30	< 3500	6700
10/6/1993		8260	< 120	< 50	< 70	< 130	420	< 100	4300	< 50	< 120	< 30	< 180	4720
7/6/1994		8260	< 1.2	< 0.5	46	32	< 2.5	60	4300	6.3	62	< 0.3	< 1.8	4506.3
7/15/1996		8260	< 12	< 5	< 10	< 7	< 25	20	800	< 6.4	15	< 7.9	< 18	835
7/9/1997		8260	< 12	9.5	< 10	< 7	< 25	17	1100	< 6.4	45	< 7.9	< 18	1171.5
7/19/1999		8260	< 12	< 5	< 10	< 7	< 25	24	480	< 6.4	21	< 7.9	< 18	525
7/17/2000	A0500405	8021	< 4	< 4	< 4	< 4	5.6	6	480	< 4	< 4	< 4	< 4	491.6
7/12/2001	A1663805	8021	< 4	< 4	< 4	< 4	5.8	8.5	400	< 4	34	< 4	< 4	448.3
7/16/2002	A2722910	8021	< 1.6	< 1.6	< 1.6	< 1.6	5.7	9.4	240	< 1.6	18	< 1.6	14	287.1
7/10/2003	A3654301	8021	< 2.3	< 1	< 1	< 1.3	< 3	6.8	230	< 1.5	4.1	< 2.6	9	249.9
7/7/2004	A4636801	8021	< 1.2	< 1	< 1	1	< 2.5	4.4	80	< 1	4.8	< 1	4.1	94.3
7/14/2005	A5740601	8260/5M	< 1.2	< 1	< 1	< 1	< 2.5	3.3	50	< 1	5.3	< 1	2.3	60.9

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2) Total VOCs have been recalculated and represented as the sum of the detected parameters shown on this table.
3) The method change to 8260 was approved by the NYSDEC and changed in January 2005.

B - The analyte is present in the associated method blank.
D - Result reported from a secondary dilution analysis.
E - Concentration exceeds the calibration range; Result is estimated.
J - Indicates an estimated value.
µg/L - micrograms per liter

MONITORING WELL GROUNDWATER ANALYTICAL RESULT SUMMARY
FORMER CARBORUNDUM COMPANY
SANBORN, NEW YORK

Well ID: **B-28M**

Date	Lab Sample ID	Method	Carbon tetrachloride (µg/L)	Chloroform (µg/L)	1,1-Dichloroethane (µg/L)	1,1-Dichloroethene (µg/L)	Methylene chloride (µg/L)	trans-1,2-Dichloroethene (µg/L)	cis-1,2-Dichloroethene (µg/L)	1,1,1-Trichloroethane (µg/L)	Trichloroethene (µg/L)	Tetrachloroethene (µg/L)	Vinyl chloride (µg/L)	Total
1/1/1990		8260	< 1	< 0.5	< 0.7	< 1	< 5	< 1	< 1	< 0.3	< 1	< 0.3	< 1	0
4/1/1990		8260	< 1	< 0.5	< 0.7	< 1	< 5	< 1	< 1	< 0.3	< 1	< 0.3	< 1	0
7/1/1990		8260	< 1	< 0.5	< 0.7	< 1	< 5	< 1	< 1	< 0.3	< 1	< 0.3	< 1	0
10/1/1990		8260	< 1	< 0.5	< 0.7	< 1	< 1	< 1	< 1	< 0.3	< 1	< 0.3	< 1	0
1/1/1991		8260	< 1	< 0.5	< 0.7	< 1	< 5	< 1	2.6	0.3	< 1	< 0.3	< 1	2.9
7/1/1991		8260	< 1.2	< 0.5	< 0.7	< 1.3	< 2.5	< 1	< 1	< 0.3	< 1.2	< 0.3	< 1.8	0
10/1/1991		8260	< 1.2	< 0.5	< 0.7	< 1.3	< 2.5	< 1	< 1	< 0.3	< 1.2	< 0.3	< 1.8	0
1/1/1992		8260	< 1.2	< 0.5	< 0.7	< 1.3	< 2.5	< 1	< 1	< 0.3	< 1.2	< 0.3	< 1.8	0
4/1/1992		8260	< 1.2	< 0.5	< 0.7	< 1.3	< 2.5	< 1	< 1	< 0.3	< 1.2	< 0.3	< 1.8	0
7/1/1992		8260	< 1.2	< 0.5	< 0.7	< 1.3	< 2.5	< 1	< 1	0.3 A	< 1.2	< 0.3	< 1.8	0.3
10/1/1992		8260	< 1.2	< 0.5	< 0.7	< 1.3	< 2.5	< 1	< 1	< 0.3	< 1.2	< 0.3	< 1.8	0
1/1/1993		8260	< 1.2	< 0.5	< 0.7	< 1.3	< 2.5	< 1	< 1	< 0.3	< 1.2	< 0.3	< 1.8	0
4/2/1993		8260	< 1.2	< 0.5	< 0.7	< 1.3	< 2.5	< 1	< 1	< 0.5	< 1.2	< 0.3	< 1.8	0
7/1/1993		8260	< 1.2	< 0.5	< 0.7	< 1.3	< 2.5	< 1	< 1	< 0.5	< 1.2	< 0.3	< 1.8	0
10/4/1993		8260	< 1.2	< 0.5	< 0.7	< 1.3	< 2.5	< 1	< 1	< 0.5	< 1.2	< 0.3	< 1.8	0
1/27/1994		8260	< 1.2	< 0.5	< 0.7	< 1.3	< 2.5	< 1	< 1	< 0.5	5	< 0.3	< 1.8	5
4/7/1994		8260	< 1.2	< 0.5	< 0.7	< 1.3	< 2.5	< 1	< 1	< 0.5	< 1.2	< 0.3	< 1.8	0
7/6/1994		8260	< 1.2	< 0.5	< 0.7	< 1.3	< 2.5	< 1	< 1	< 0.5	< 1.2	< 0.3	< 1.8	0
10/6/1994		8260	< 1.2	< 0.5	< 0.7	< 1.3	< 2.5	< 1	< 1	< 0.5	< 1.2	< 0.3	< 1.8	0
1/26/1995		8260	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 2	0
4/5/1995		8260	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 2	0
6/28/1995		8260	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 2	0
10/9/1995		8260	< 1.2	< 0.5	< 1	< 0.7	< 2.5	< 1	< 1	< 0.64	< 1.2	< 0.79	< 1.8	0
1/11/1996		8260	< 1.2	< 0.5	< 1	< 0.7	< 2.5	< 1	< 1	< 0.64	< 1.2	< 0.79	< 1.8	0
4/4/1996		8260	< 1.2	< 0.5	< 1	< 0.7	< 2.5	< 1	< 1	< 0.64	< 1.2	< 0.79	< 1.8	0
7/17/1996		8260	< 1.2	< 0.5	< 1	< 0.7	< 2.5	< 1	< 1	< 0.64	< 1.2	< 0.79	< 1.8	0
10/3/1996		8260	< 1.2	< 0.5	< 1	< 0.7	< 2.5	< 1	< 1	< 0.64	< 1.2	< 0.79	< 1.8	0
1/30/1997		8260	< 1.2	< 0.5	< 1	< 0.7	< 2.5	< 1	< 1	< 0.64	< 1.2	< 0.79	< 1.8	0
4/17/1997		8260	< 1.2	< 0.5	< 1	< 0.7	< 2.5	< 1	< 1	< 0.64	< 1.2	< 0.79	< 1.8	0
7/11/1997		8260	< 1.2	< 0.5	< 1	< 0.7	< 2.5	< 1	< 1	< 0.64	< 1.2	< 0.79	< 1.8	0
10/24/1997		8260	< 1.2	< 0.5	< 1	< 0.7	< 2.5	< 1	< 1	< 0.64	< 1.2	< 0.79	< 1.8	0
1/20/1998		8260	< 1.2	< 0.5	< 1	< 0.7	< 2.5	< 1	< 1	< 0.64	< 1.2	< 0.79	< 1.8	0
4/22/1998		8260	< 1.2	< 0.5	< 1	< 0.7	< 2.5	< 1	< 1	< 0.64	< 1.2	< 0.79	< 1.8	0
7/23/1998		8260	< 1.2	< 0.5	< 1	< 0.7	< 2.5	< 1	< 1	< 0.64	< 1.2	< 0.79	< 1.8	0
10/7/1998		8260	< 1.2	< 0.5	< 1	< 0.7	< 2.5	< 1	< 1	< 0.64	< 1.2	< 0.79	< 1.8	0
1/21/1999		8260	< 1.2	< 0.5	< 1	< 0.7	< 2.5	< 1	< 1	< 0.64	< 1.2	< 0.79	< 1.8	0
4/19/1999		8260	< 1.2	< 0.5	< 1	< 0.7	< 2.5	< 1	< 1	< 0.64	< 1.2	< 0.79	< 1.8	0
7/22/1999		8260	< 1.2	< 0.5	< 1	< 0.7	< 2.5	< 1	< 1	< 0.64	< 1.2	< 0.79	< 1.8	0
10/12/1999		8260	< 1.2	< 1	< 1	< 1	< 2.5	< 1	< 1	< 1	< 1.2	< 1	< 1.8	0
1/12/2000	A0026401	8021	< 1.2	< 1	< 1	< 1	< 2.5	< 1	0.32 J	< 1	< 1.2	< 1	< 1.8	0.32
4/26/2000	A0275202	8021	< 1.2	< 1	< 1	< 1	< 2.5	< 1	3	< 1	< 1.2	< 1	< 1.8	3
7/18/2000	A0500413	8021	< 1.2	< 1	< 1	< 1	< 2.5	< 1	< 1	< 1	< 1.2	< 1	< 1.8	0
10/19/2000	A0751301	8021	< 1.2	< 1	< 1	< 1	< 2.5	< 1	< 1	< 1	< 1.2	< 1	< 1.8	0
1/11/2001	A1035102	8021	< 1.2	< 1	< 1	< 1	< 2.5	< 1	1.5	< 1	< 1.2	< 1	< 1.8	1.5
4/23/2001	A1375205	8021	< 1.2	< 1	< 1	< 1	< 2.5	< 1	0.66 J	< 1	< 1.2	< 1	< 1.8	0.66
7/18/2001	A1682909	8021	< 1.2	< 1	< 1	< 1	< 2.5	< 1	< 1	< 1	< 1.2	< 1	< 1.8	0

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D - Result reported from a secondary dilution analysis.
E - Concentration exceeds the calibration range; Result is estimated.
J - Indicates an estimated value.
µg/L - micrograms per liter

Well ID: **B-28M**

Date	Lab Sample ID	Method	Carbon tetrachloride (µg/L)	Chloroform (µg/L)	1,1-Dichloroethane (µg/L)	1,1-Dichloroethene (µg/L)	Methylene chloride (µg/L)	trans-1,2-Dichloroethene (µg/L)	cis-1,2-Dichloroethene (µg/L)	1,1,1-Trichloroethane (µg/L)	Trichloroethene (µg/L)	Tetrachloroethene (µg/L)	Vinyl chloride (µg/L)	Total
10/17/2001	A1A23303	8021	< 1.2	< 1	< 1	< 1	< 2.5	< 1	< 1	< 1	< 1.2	< 1	< 1.8	0
1/17/2002	A2058506	8021	< 1.2	< 1	< 1	< 1	< 2.5	< 1	< 1	< 1	< 1.2	< 1	< 1.8	0
4/10/2002	A2347902	8260	< 1.2	< 1	< 1	< 1	< 2.5	< 1	< 1	< 1	0.25 J	< 1	< 1.8	0.25
7/10/2002	A2708304	8021	< 1.2	< 1	< 1	< 1	< 2.5	< 1	< 1	< 1	< 1.2	< 1	< 1.8	0
10/3/2002	A2980610	8021	< 1.2	< 1	< 1	< 1	< 2.5	< 1	< 1	< 1	< 1.2	< 1	< 1.8	0
1/16/2003	A3056002	8021	< 1.2	< 1	< 1	< 1	< 2.5	< 1	< 1	< 1	< 1.2	< 1	< 1.8	0
4/8/2003	A3329701	8021	< 1.2	< 1	< 1	< 1	< 2.5	< 1	< 1	< 1	< 1.2	< 1	< 1.8	0
7/3/2003	A3639703	8021	< 1.2	< 1	< 1	< 1	< 2.5	< 1	< 1	< 1	< 1.2	< 1	< 1.8	0
10/8/2003	A3978809	8021	< 1.2	< 1	< 1	< 1	< 2.5	< 1	< 1	< 1	< 1.2	< 1	< 1.8	0
1/8/2004	A4026304	8021	< 1.2	< 1	< 1	< 1	< 2.5	< 1	< 1	< 1	< 1.2	< 1	< 1.8	0
6/30/2004	A4619406	8021	< 1.2	< 1	< 1	< 1	< 2.5	< 1	< 1	< 1	< 1.2	< 1	< 1.8	0
4/5/2005	A5317606	8260	< 1.2	< 1	< 1	< 1	< 2.5	< 1	< 1	< 1	< 1.2	< 1	< 1.8	0
7/11/2005	A5724501	8260/5M	< 1.2	< 1	< 1	< 1	< 2.5	< 1	< 1	< 1	< 1.2	< 1	< 1.8	0
10/21/2005	A5B92302	8260	< 1.2	< 1	< 1	< 1	< 2.5	< 1	< 1	< 1	< 1.2	< 1	< 1.8	0
1/24/2006	A6089103	8260	< 1.2	< 1	< 1	< 1	< 2.5	< 1	< 1	< 1	< 1.2	< 1	< 1.8	0
4/13/2006	6D14002-02	8260	< 1	< 1	< 1	< 1	< 2	< 1	< 1	< 1	< 1	< 1	< 2	0
7/17/2006	6G18004-06	8260	< 1	< 1	< 1	< 1	4 B	< 1	< 1	< 1	< 1	< 1	< 2	4
10/10/2006	6J11002-09	8260	< 1	< 1	< 1	< 1	< 2	< 1	< 1	< 1	< 1	< 1	< 2	0
1/11/2007	7A12004-03	8260	< 1	< 1	< 1	< 1	< 2	< 1	< 1	< 1	< 1	< 1	< 2	0
4/5/2007	7D06002-02	8260	< 1	< 1	< 1	< 1	< 2	< 1	< 1	< 1	< 1	< 1	< 2	0
7/18/2007	7G19011-04	8260	< 1	< 1	< 1	< 1	< 2	< 1	< 1	< 1	< 1	< 1	< 2	0
10/11/2007	7J12012-04	8260	< 1	< 1	< 1	< 1	< 2	< 1	< 1	< 1	< 1	< 1	< 2	0
1/9/2008	8A10002-03	8260	< 1	< 1	< 1	< 1	< 2	< 1	< 1	< 1	< 1	< 1	< 2	0
4/7/2008	8D08002-01	8260	< 1	< 1	< 1	< 1	< 2	< 1	< 1	< 1	< 1	< 1	< 2	0
7/21/2008	5420901	8260	< 1	< 0.8	< 1	< 0.8	< 2	< 0.8	< 0.8	< 0.8	< 1	< 0.8	< 1	0
10/15/2008	5499968	8260	< 1	< 0.8	< 1	< 0.8	< 2	< 0.8	< 0.8	< 0.8	< 1	< 0.8	< 1	0
1/13/2009	5576507	8260	< 1	< 0.8	< 1	< 0.8	< 2	< 0.8	< 0.8	< 0.8	< 1	< 0.8	< 1	0
4/20/2009	5651173	8260	< 1	< 0.8	< 1	< 0.8	< 2	< 0.8	< 0.8	< 0.8	< 1	< 0.8	< 1	0
7/13/2009	5722291	8260	< 1	< 0.8	< 1	< 0.8	< 2	< 0.8	< 0.8	< 0.8	< 1	< 0.8	< 1	0
10/6/2009	5799013	8260	< 1	< 0.8	< 1	< 0.8	< 2	< 0.8	< 0.8	< 0.8	< 1	< 0.8	< 1	0
1/26/2010	5893227	8260	< 1	< 0.8	< 1	< 0.8	< 2	< 0.8	< 0.8	< 0.8	< 1	< 0.8	< 1	0
4/7/2010	5948415	8260	< 1	< 0.8	< 1	< 0.8	< 2	< 0.8	< 0.8	< 0.8	< 1	< 0.8	< 1	0
7/15/2010	6033916	8260	< 1	< 0.8	< 1	< 0.8	< 2	< 0.8	< 0.8	< 0.8	< 1	< 0.8	< 1	0
10/19/2010	6116886	8260	< 1	< 0.8	< 1	< 0.8	< 2	< 0.8	< 0.8	< 0.8	< 1	< 0.8	< 1	0
1/27/2011	6194104	8260	< 1	< 0.8	< 1	< 0.8	< 2	< 0.8	< 0.8	< 0.8	< 1	< 0.8	< 1	0
4/13/2011	6258132	8260	< 1	< 0.8	< 1	< 0.8	< 2	< 0.8	< 0.8	< 0.8	< 1	< 0.8	< 1	0
7/25/2011	6355560	8260	< 1	< 0.8	< 1	< 0.8	< 2	< 0.8	< 0.8	< 0.8	< 1	< 0.8	< 1	0
10/10/2011	6433662	8260	< 1	< 0.8	< 1	< 0.8	< 2	< 0.8	< 0.8	< 0.8	< 1	< 0.8	< 1	0
1/25/2012	6532444	8260	< 1	< 0.8	< 1	< 0.8	< 2	< 0.8	< 0.8	< 0.8	< 1	< 0.8	< 1	0
4/3/2012	6605289	8260	< 1	< 0.8	< 1	< 0.8	< 2	< 0.8	< 0.8	< 0.8	< 1	< 0.8	< 1	0
7/19/2012	6728259	8260	< 1	< 0.8	< 1	< 0.8	< 2	< 0.8	< 0.8	< 0.8	< 1	< 0.8	< 1	0
10/3/2012	6812018	8260	< 1	< 0.8	< 1	< 0.8	< 2	< 0.8	< 0.8	< 0.8	< 1	< 0.8	< 1	0
1/17/2013	6926975	8260	< 1	< 0.8	< 1	< 0.8	< 2	< 0.8	< 0.8	< 0.8	< 1	< 0.8	< 1	0
4/9/2013	7016203	8260	< 1	< 0.8	< 1	< 0.8	< 2	< 0.8	< 0.8	< 0.8	< 1	< 0.8	< 1	0
7/11/2013	7125535	8260	< 1	< 0.8	< 1	< 0.8	< 2	< 0.8	< 0.8	< 0.8	< 1	< 0.8	< 1	0
11/14/2013	7278190	8260	< 1	< 0.8	< 1	< 0.8	< 2	< 0.8	< 0.8	< 0.8	< 1	< 0.8	< 1	0
1/20/2014	7342591	8260	< 1	< 0.8	< 1	< 0.8	< 2	< 0.8	< 0.8	< 0.8	< 1	< 0.8	< 1	0
4/14/2014	7430453	8260	< 0.5	< 0.5	< 0.5	< 0.5	< 2	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	0
7/14/2014	7532400	8260	< 0.5	< 0.5	< 0.5	< 0.5	< 2	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	0

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B - The analyte is present in the associated method blank.
D - Result reported from a secondary dilution analysis.
E - Concentration exceeds the calibration range; Result is estimated.
J - Indicates an estimated value.
µg/L - micrograms per liter

Well ID: **B-28M**

Date	Lab Sample ID	Method	Carbon tetrachloride (µg/L)	Chloroform (µg/L)	1,1-Dichloroethane (µg/L)	1,1-Dichloroethene (µg/L)	Methylene chloride (µg/L)	trans-1,2-Dichloroethene (µg/L)	cis-1,2-Dichloroethene (µg/L)	1,1,1-Trichloroethane (µg/L)	Trichloroethene (µg/L)	Tetrachloroethene (µg/L)	Vinyl chloride (µg/L)	Total
10/2/2014	7623663	8260	< 0.5	< 0.5	< 0.5	< 0.5	< 2	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	0
1/6/2015	7731161	8260	< 0.5	< 0.5	< 0.5	< 0.5	< 2	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	0
4/15/2015	7849424	8260	< 0.5	< 0.5	< 0.5	< 0.5	< 2	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	0
7/13/2015	7965570	SW8260C	< 0.5	< 0.5	< 0.5	< 0.5	< 2	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	0
10/6/2015	8079113	SW8260C	< 0.5	< 0.5	< 0.5	< 0.5	< 2	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	0
1/6/2016	8197847	SW8260C	< 0.5	< 0.5	< 0.5	< 0.5	< 2	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	0
12/7/2016	240-73270-1	8260C	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	0
4/27/2017	240-78855-13	8260C	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	0
11/2/2017	240-87694-20	8260C	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	0
4/18/2018	240-94333-7	8260C	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	0
9/28/2018	240-102125-13	8260C	< 1.0	< 1.0	< 1.0	< 1.0	< 5.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	0
4/9/2019	240-110803-10	8260C	< 1.0	< 1.0	< 1.0	< 1.0	< 5.0	< 1.0	< 1.0	< 1.0	0.13 J	< 1.0	< 1.0	0.13
11/21/2019	240-122893-1	624.1_L	< 1.0	< 1.0	< 1.0	< 1.0	< 5.0	< 0.50	< 0.50	< 1.0	< 1.0	< 1.0	< 1.0	0
3/27/2020	240-128359-3	8260C	< 1	< 1	< 1.0	< 1.0	< 5	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	0
10/28/2020	240-139252-4	8260C	< 1.0	< 1.0	< 1.0	< 1.0	< 5.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	0
4/26/2021	240-148317-2	8260C	< 1.0	< 1.0	< 1.0	< 1.0	< 5.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	0
10/27/2021	240-159076-9	8260C	< 1.0	< 1.0	< 1.0	< 1.0	< 5.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	0
4/15/2022	240-165253-8	8260C	< 1.0	< 1.0	< 1.0	< 1.0	< 5.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	0
10/18/2022	240-175103-19	8260D	< 1.0	< 1.0	< 1.0	< 1.0	< 5.0	< 1.0	< 1.0	< 1.0	0.99 J	< 1.0	< 1.0	0.99
3/21/2023	240-182590-21	8260D	< 1.0	< 1.0	< 1.0	< 1.0	< 5.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	0
10/19/2023	240-194049-15	8260D	< 1.0	< 1.0	< 1.0	< 1.0	< 5.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	0

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E - Concentration exceeds the calibration range; Result is estimated.
J - Indicates an estimated value.
µg/L - micrograms per liter

MONITORING WELL GROUNDWATER ANALYTICAL RESULT SUMMARY
FORMER CARBORUNDUM COMPANY
SANBORN, NEW YORK

Well ID: **B-29M**

Date	Lab Sample ID	Method	Carbon tetrachloride (µg/L)	Chloroform (µg/L)	1,1-Dichloroethane (µg/L)	1,1-Dichloroethene (µg/L)	Methylene chloride (µg/L)	trans-1,2-Dichloroethene (µg/L)	cis-1,2-Dichloroethene (µg/L)	1,1,1-Trichloroethane (µg/L)	Trichloroethene (µg/L)	Tetrachloroethene (µg/L)	Vinyl chloride (µg/L)	Total
1/1/1990		8260	< 1	< 0.5	1.3	< 1	< 5	3.6	290	< 0.3	12	< 0.3	16	322.9
4/1/1990		8260	< 1	< 0.5	< 0.7	< 1	< 5	< 1	73	< 0.3	2.8	< 0.3	2.6	78.4
7/1/1990		8260	< 1	< 0.5	< 0.7	< 1	< 5	2.9	110	< 0.3	6.3	< 0.3	13	132.2
10/1/1990		8260	< 1	< 0.5	2.3	< 1	< 1	4.1	250	< 0.3	15	< 0.3	15	286.4
1/1/1991		8260	< 1	< 0.5	< 0.7	1	< 5	< 1	23	< 0.3	< 1	< 0.3	< 1	24
5/1/1991		8260	< 1.2	< 0.5	< 0.7	< 1.3	< 2.5	< 1	35	< 0.3	1.3	< 0.3	< 1.8	36.3
7/1/1991		8260	< 1.2	< 0.5	1	< 1.3	< 2.5	1.9	230	< 0.3	7.7	< 0.3	7.4	248
10/1/1991		8260	< 6	< 2.5	< 3.5	< 6.5	< 13	< 5	180	< 1.5	20	< 1.5	10	210
1/1/1992		8260	< 24	< 10	< 14	< 26	< 50	< 20	220	< 6	< 24	< 6	< 36	220
4/1/1992		8260	< 1.2	< 0.5	< 0.7	< 1.3	< 2.5	< 1	12	< 0.3	< 1.2	< 0.3	< 1.8	12
7/1/1992		8260	< 1.2	< 0.5	< 0.7	< 1.3	< 2.5	< 1	46	1.6 A	< 1.2	< 0.3	2.6	50.2
10/1/1992		8260	< 1.2	< 0.5	< 0.7	< 1.3	< 2.5	< 1	19	< 0.3	< 1.2	< 0.3	< 1.8	19
1/1/1993		8260	< 1.2	< 0.5	< 0.7	< 1.3	< 2.5	< 1	28	< 0.3	< 1.2	< 0.3	< 1.8	28
3/31/1993		8260	< 1.2	< 0.5	< 0.7	< 1.3	< 2.5	< 1	56	1.4	1.2	< 0.3	< 1.8	58.6
6/30/1993		8260	< 1.2	< 0.5	< 0.7	< 1.3	< 2.5	< 1	70	< 0.5	< 1.2	< 0.3	3.5	73.5
10/5/1993		8260	< 1.2	< 0.5	< 0.7	< 1.3	< 2.5	< 1	64	< 0.5	< 1.2	< 0.3	< 1.8	64
1/26/1994		8260	< 1.2	< 0.5	< 0.7	< 1.3	< 2.5	< 1	60	< 0.5	< 1.2	< 0.3	4.7	64.7
4/6/1994		8260	< 1.2	< 0.5	< 0.7	< 1.3	< 2.5	< 1	16	0.55	< 1.2	< 0.3	< 1.8	16.55
7/8/1994		8260	< 1.2	< 0.5	< 0.7	< 1.3	< 2.5	< 1	84	< 0.5	< 1.2	< 0.3	1.9	85.9
10/6/1994		8260	< 1.2	< 0.5	< 0.7	< 1.3	< 2.5	< 1	38	< 0.5	< 1.2	< 0.3	1.3	39.3
1/25/1995		8260	< 1	< 1	< 1	< 1	< 1	< 1	13	< 1	< 1	< 1	< 2	13
4/4/1995		8260	< 1	< 1	< 1	< 1	< 1	< 1	25	< 1	< 1	< 1	< 2	25
6/28/1995		8260	< 1	< 1	< 1	< 1	< 1	< 1	56	1.3	1.1	< 1	4.3	62.7
10/4/1995		8260	< 1.2	< 0.5	< 1	< 0.7	< 2.5	< 1	61	< 0.64	< 1.2	< 0.79	2	63
1/9/1996		8260	< 1.2	< 0.5	< 1	< 0.7	< 2.5	< 1	61	< 0.64	< 1.2	< 0.79	2.4	63.4
4/3/1996		8260	< 1.2	< 0.5	< 1	< 0.7	< 2.5	< 1	51	< 0.64	< 1.2	< 0.79	2.7	53.7
7/10/1996		8260	< 1.2	< 0.5	< 1	< 0.7	< 2.5	< 1	83	< 0.64	< 1.2	< 0.79	< 1.8	83
10/2/1996		8260	< 1.2	< 0.5	< 1	< 0.7	< 2.5	< 1	85	< 0.64	< 1.2	< 0.79	2.2	87.2
1/27/1997		8260	< 1.2	< 0.5	< 1	< 0.7	< 2.5	< 1	61	< 0.64	< 1.2	< 0.79	3.7	64.7
4/16/1997		8260	< 1.2	< 0.5	< 1	< 0.7	< 2.5	< 1	50	< 0.64	< 1.2	< 0.79	< 1.8	50
7/8/1997		8260	< 1.2	0.5	< 1	< 0.7	< 2.5	< 1	59	< 0.64	1.6	< 0.79	< 1.8	61.1
10/23/1997		8260	< 1.2	< 0.5	< 1	< 0.7	< 2.5	< 1	71	< 0.64	< 1.2	< 0.79	< 1.8	71
1/20/1998		8260	< 1.2	< 0.5	< 1	< 0.7	< 2.5	< 1	58	< 0.64	< 1.2	< 0.79	< 1.8	58
4/23/1998		8260	< 1.2	< 0.5	< 1	< 0.7	< 2.5	< 1	31	< 0.64	< 1.2	< 0.79	< 1.8	31
7/22/1998		8260	< 1.2	< 0.5	< 1	< 0.7	< 2.5	< 1	41	< 0.64	< 1.2	< 0.79	< 1.8	41
10/9/1998		8260	< 1.2	< 0.5	< 1	< 0.7	< 2.5	< 1	35	< 0.64	< 1.2	< 0.79	2.2	37.2
1/22/1999		8260	< 1.2	< 0.5	< 1	< 0.7	< 2.5	< 1	52	< 0.64	< 1.2	< 0.79	6.6	58.6
4/19/1999		8260	< 1.2	< 0.5	< 1	< 0.7	< 2.5	< 1	49	< 0.64	< 1.2	< 0.79	2 J	51
7/29/1999		8260	< 1.2	< 0.5	< 1	< 0.7	< 2.5	< 1	27	< 0.64	< 1.2	< 0.79	2.3 J	29.3
10/11/1999		8260	< 1.2	< 1	< 1	< 1	< 2.5	< 1	26	< 1	< 1.2	< 1	1.3 J	27.3
1/10/2000	A0018404	8021	< 1.2	< 1	< 1	< 1	< 2.5	< 1	27	< 1	< 1.2	< 1	1.7 J	28.7
4/25/2000	A0275210	8021	< 1.2	< 1	< 1	< 1	< 2.5	< 1	4.3	< 1	< 1.2	< 1	< 1.8	4.3
7/12/2000	A0483116	8021	< 1.2	< 1	< 1	< 1	< 2.5	< 1	14	< 1	< 1.2	< 1	0.64 J	14.64
10/25/2000	A0767905	8021	< 1.2	< 1	< 1	< 1	< 2.5	< 1	12	< 1	1.1 J	< 1	0.61 J	13.71
1/16/2001	A1043901	8021	< 1.2	< 1	< 1	< 1	< 2.5	< 1	16	< 1	0.29 J	< 1	1.8	18.09
4/16/2001	A1345806	624	< 1.2	< 1.5	< 1.8	< 1.4	< 2.5	< 1.8	11	< 1.1	< 1.2	< 1.1	< 1.8	11

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J - Indicates an estimated value.
µg/L - micrograms per liter

Well ID: **B-29M**

Date	Lab Sample ID	Method	Carbon tetrachloride (µg/L)	Chloroform (µg/L)	1,1-Dichloroethane (µg/L)	1,1-Dichloroethene (µg/L)	Methylene chloride (µg/L)	trans-1,2-Dichloroethene (µg/L)	cis-1,2-Dichloroethene (µg/L)	1,1,1-Trichloroethane (µg/L)	Trichloroethene (µg/L)	Tetrachloroethene (µg/L)	Vinyl chloride (µg/L)	Total
7/16/2001	A1674114	8021	< 1.2	< 1	< 1	< 1	< 2.5	< 1	21	< 1	1 J	< 1	1.1 J	23.1
10/18/2001	A1A23315	8021	< 1.2	< 1	< 1	< 1	< 2.5	< 1	26	< 1	7.8	< 1	1.8	35.6
1/21/2002	A2066006	8021	< 1.2	< 1	< 1	< 1	< 2.5	< 1	26	< 1	< 1.2	< 1	< 1.8	26
4/17/2002	A2378401	8021	< 1.2	< 1	< 1	< 1	< 2.5	< 1	< 1	< 1	< 1.2	< 1	< 1.8	0
7/11/2002	A2708316	8021	< 1.2	< 1	< 1	< 1	< 2.5	< 1	32	< 1	0.88 J	< 1	2.5	35.38
10/9/2002	A2A07701	8021	< 1.2	< 1	< 1	< 1	< 2.5	< 1	34	< 1	< 1.2	< 1	4.5	38.5
1/16/2003	A3055802	8021	< 1.2	< 1	< 1	< 1	< 2.5	< 1	9	< 1	0.23 J	< 1	0.77 J	10
4/21/2003	A3371001	8021	< 1.2	< 1	< 1	< 1	< 2.5	< 1	< 1	< 1	2.5	< 1	< 1.8	2.5
7/16/2003	A3683701	8021	< 1.2	< 1	< 1	< 1	< 2.5	< 1	12	< 1	< 1.2	< 1	0.68 J	12.68
10/20/2003	A3A13701	8021	< 1.2	< 1	< 1	< 1	< 2.5	< 1	47	< 1	1.5	< 1	3.8	52.3
1/29/2004	A4077402	8021	< 1.2	< 1	< 1	0.2 J	< 2.5	< 1	26	< 1	1.8	< 1	2.1	30.1
4/23/2004	A4373001	8021	< 1.2	< 1	< 1	< 1	< 2.5	< 1	1.2	< 1	< 1.2	< 1	< 1.8	1.2
7/21/2004	A4687001	8260	< 1.2	< 1	< 1	< 1	< 2.5	< 1	15	< 1	0.73 J	< 1	< 1.8	15.73
10/20/2004	A4A32401	8021	< 1	< 1	< 1	< 1	< 1	< 1	24	< 1	1.4	< 1	2.4	27.8
1/13/2005	A5036206	8260	< 1.2	< 1	< 1	< 1	< 2.5	< 1	22	< 1	1.8	< 1	2.1	25.9
4/19/2005	A5387502	8260	< 1.2	< 1	< 1	< 1	< 2.5	< 1	12	< 1	1.1 J	< 1	1.4 J	14.5
7/18/2005	A5753701	8260/5M	< 1.2	< 1	< 1	< 1	< 2.5	< 1	36	< 1	3.2	< 1	3.1	42.3
7/20/2006	6G21005-08	8260	< 1	< 1	< 1	< 1	3	< 1	43	< 1	8	< 1	3	57
7/11/2007	7G12003-02	8260	< 1	< 1	< 1	< 1	< 2	< 1	30	< 1	6	< 1	3	39
7/25/2008	5426025	8260	< 1	< 0.8	< 1	< 0.8	< 2	< 0.8	19	< 0.8	3 J	< 0.8	1.8 J	23.8
7/14/2009	5723624	8260	< 1	< 0.8	< 1	< 0.8	< 2	< 0.8	17	< 0.8	1.7 J	< 0.8	2.6 J	21.3
7/13/2010	6031620	8260	< 1	< 0.8	< 1	< 0.8	< 2	< 0.8	6.6	< 0.8	< 1	< 0.8	1 J	7.6
7/21/2011	6353677	8260	< 1	< 0.8	< 1	< 0.8	< 2	< 0.8	5.8	< 0.8	< 1	< 0.8	< 1	5.8
7/12/2012	6719400	8260	< 1	< 0.8	< 1	< 0.8	< 2	< 0.8	15	< 0.8	1.9 J	< 0.8	1.7 J	18.6
7/16/2013	7129890	8260	< 1	< 0.8	< 1	< 0.8	< 2	< 0.8	0.93 J	< 0.8	< 1	< 0.8	< 1	0.93
7/16/2014	7535885	8260	< 0.5	< 0.5	< 0.5	< 0.5	< 2	< 0.5	2	< 0.5	< 0.5	< 0.5	0.57 J	2.57
7/14/2015	7967357	SW8260C	< 0.5	< 0.5	< 0.5	< 0.5	< 2	< 0.5	1.7	< 0.5	< 0.5	< 0.5	< 0.5	1.7
12/5/2016	240-73125-3	8260C	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	7	< 1.0	< 1.0	< 1.0	1.4	8.4
5/3/2017	240-79160-2	8260C	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	1.1	< 1.0	< 1.0	< 1.0	< 1.0	1.1
4/12/2018	240-94116-10	8260C	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	0.73 J	< 1.0	< 1.0	< 1.0	< 1.0	0.73
4/8/2019	240-110803-6	8260C	< 1.0	< 1.0	< 1.0	< 1.0	< 5.0	< 1.0	0.43 J	< 1.0	0.11 J	< 1.0	< 1.0	0.54
3/26/2020	240-128236-6	8260C	< 1.0	< 1.0	< 1.0	< 1.0	< 5.0	< 1.0	1.1	< 1.0	< 1.0	< 1.0	< 1.0	1.1
4/20/2021	240-147939-6	8260C	< 1.0	< 1.0	< 1.0	< 1.0	< 5.0	< 1.0	1.8	< 1.0	< 1.0	< 1.0	< 1.0	1.8
4/12/2022	240-165070-7	8260C	< 1.0	< 1.0	< 1.0	< 1.0	< 5.0	< 1.0	0.96 J	< 1.0	< 1.0	< 1.0	< 1.0	0.96
3/22/2023	240-182590-30	8260D	< 1.0	< 1.0	< 1.0	< 1.0	< 5.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	0

< - Indicates parameter was analyzed for, but not detected at or above the reporting limit
To Address the NYSDEC concerns regarding the presentation and plotting of non-detected values, the data for 2001 to 2004 has been reevaluated and interpreted as follows:

1) Non-detected concentrations have been represented as '<' for reporting purposes.
2) Total VOCs have been recalculated and represented as the sum of the detected parameters shown on this table.
3) The method change to 8260 was approved by the NYSDEC and changed in January 2005.

B - The analyte is present in the associated method blank.
D - Result reported from a secondary dilution analysis.
E - Concentration exceeds the calibration range; Result is estimated.
J - Indicates an estimated value.
µg/L - micrograms per liter

MONITORING WELL GROUNDWATER ANALYTICAL RESULT SUMMARY
FORMER CARBORUNDUM COMPANY
SANBORN, NEW YORK

Well ID: **B-30M**

Date	Lab Sample ID	Method	Carbon tetrachloride (µg/L)	Chloroform (µg/L)	1,1-Dichloroethane (µg/L)	1,1-Dichloroethene (µg/L)	Methylene chloride (µg/L)	trans-1,2-Dichloroethene (µg/L)	cis-1,2-Dichloroethene (µg/L)	1,1,1-Trichloroethane (µg/L)	Trichloroethene (µg/L)	Tetrachloroethene (µg/L)	Vinyl chloride (µg/L)	Total
1/1/1990		8260	< 1	< 0.5	< 0.7	< 1	6.3	3.3	110	< 0.3	2	< 0.3	12	133.6
4/1/1990		8260	< 1	< 0.5	< 0.7	< 1	< 5	< 1	42	< 0.3	< 1	< 0.3	< 1	42
7/1/1990		8260	< 1	< 0.5	< 0.7	< 1	< 5	2	170	< 0.3	6.3	< 0.3	14	192.3
10/1/1990		8260	< 1	< 0.5	1.2	< 1	< 1	2.2	150	< 0.3	5.5	< 0.3	12	170.9
1/1/1991		8260	< 1	< 0.5	1.1	1.3	< 5	2.3	190	< 0.3	11	< 0.3	8.5	214.2
5/1/1991		8260	< 6	< 2.5	< 3.5	< 6.5	< 13	< 5	130	< 1.5	< 6	< 1.5	< 9	130
7/1/1991		8260	< 6	< 2.5	< 3.5	< 6.5	< 13	< 5	190	< 1.5	< 10	< 1.5	< 9	190
10/1/1991		8260	< 12	< 5	< 7	< 13	< 25	< 10	220	< 3	71	< 3	19	310
1/1/1992		8260	< 12	< 5	< 7	< 13	< 25	< 10	390	< 3	< 12	< 3	36	426
4/1/1992		8260	< 12	< 5	< 7	< 13	< 25	< 10	240	< 3	16	< 3	23	279
7/1/1992		8260	< 12	< 5	< 7	< 13	< 25	< 10	180	< 50	< 12	< 3	< 18	180
10/1/1992		8260	< 1.2	< 0.5	< 0.7	< 1.3	< 2.5	2.1	220	< 0.3	17	< 0.3	6.5	245.6
1/1/1993		8260	< 1.2	< 0.5	< 0.7	< 1.3	< 2.5	1.4	160	< 0.3	6.2	< 0.3	7.3	174.9
4/1/1993		8260	< 1.2	< 0.5	< 0.7	< 1.3	< 2.5	1.7	180	< 0.5	5.4	< 0.3	8.2	195.3
7/1/1993		8260	< 1.2	< 0.5	< 0.7	< 1.3	< 2.5	< 1	65	< 0.5	1.2	< 0.3	4.8	71
10/6/1993		8260	< 1.2	0.91	0.76	< 1.3	2.8	2.4	200	< 0.5	4.9	< 0.3	17	228.77
1/27/1994		8260	< 1.2	< 0.5	< 0.7	< 1.3	< 2.5	1.1	180	< 0.5	2.4	< 0.3	5.2	188.7
4/7/1994		8260	< 1.2	< 0.5	< 0.7	< 1.3	< 2.5	1.6	84	< 0.5	1.8	< 0.3	7.9	95.3
7/8/1994		8260	< 1.2	< 0.5	< 0.7	< 1.3	< 2.5	< 1	48	< 0.5	1.2	< 0.3	< 1.8	49.2
10/6/1994		8260	< 1.2	< 0.5	< 0.7	1.9	< 2.5	2.1	35	< 0.5	< 1.2	< 0.3	3.2	42.2
1/25/1995		8260	< 1	< 1	< 1	< 1	< 1	< 1	43	< 1	< 1	< 1	< 2	43
4/4/1995		8260	< 1	< 1	< 1	< 1	< 1	< 1	7.1	< 1	< 1	< 1	< 2	7.1
6/28/1995		8260	< 1	< 1	< 1	< 1	< 1	< 1	61	< 1	1.5	< 1	5.4	67.9
10/9/1995		8260	< 1.2	< 0.5	< 1	< 0.7	< 2.5	2.2	140	< 0.64	2.7	< 0.79	16	160.9
1/10/1996		8260	< 1.2	< 0.5	< 1	< 0.7	< 2.5	< 1	26	< 0.64	< 1.2	< 0.79	< 1.8	26
4/3/1996		8260	< 1.2	< 0.5	< 1	< 0.7	< 2.5	< 1	76	< 0.64	5	< 0.79	3	84
7/10/1996		8260	< 1.2	0.8	< 1	< 0.7	< 2.5	< 1	29	< 0.64	< 1.2	< 0.79	< 1.8	29.8
10/2/1996		8260	< 1.2	< 0.5	< 1	< 0.7	< 2.5	< 1	29	< 0.64	< 1.2	< 0.79	< 1.8	29
1/30/1997		8260	< 1.2	< 0.5	< 1	< 0.7	< 2.5	< 1	15	< 0.64	< 1.2	< 0.79	< 1.8	15
4/16/1997		8260	< 1.2	0.6	< 1	< 0.7	< 2.5	< 1	37	< 0.64	2.1	< 0.79	< 1.8	39.7
7/8/1997		8260	< 1.2	0.5	< 1	< 0.7	< 2.5	1.3	55	< 0.64	1.8	< 0.79	< 1.8	58.6
10/22/1997		8260	< 1.2	< 0.5	< 1	< 0.7	< 2.5	< 1	27	< 0.64	< 1.2	< 0.79	< 1.8	27
1/20/1998		8260	< 1.2	< 0.5	< 1	< 0.7	< 2.5	< 1	34	< 0.64	< 1.2	< 0.79	< 1.8	34
4/23/1998		8260	< 1.2	< 0.5	< 1	< 0.7	< 2.5	< 1	28	< 0.64	< 1.2	< 0.79	< 1.8	28
7/22/1998		8260	< 1.2	< 0.5	< 1	< 0.7	< 2.5	< 1	63	< 0.64	2.2	< 0.79	< 1.8	65.2
10/9/1998		8260	< 1.2	< 0.5	< 1	< 0.7	< 2.5	2.4	160	< 0.64	5.9	< 0.79	10	178.3
1/26/1999		8260	< 1.2	< 0.5	< 1	< 0.7	< 2.5	< 1	29	< 0.64	< 1.2	< 0.79	2.3 J	31.3
4/19/1999		8260	< 1.2	< 0.5	< 1	< 0.7	< 2.5	< 1	26	< 0.64	< 1.2	< 0.79	< 1.8	26
7/26/1999		8260	< 1.2	< 0.5	< 1	< 0.7	< 2.5	2.2	95	< 0.64	3	< 0.79	9.2	109.4
10/11/1999		8260	< 1.2	< 1	0.44 J	0.21 J	< 2.5	2	150	< 1	4.6	< 1	6.6	163.85
1/14/2000	A0029301	8021	< 1.2	< 1	< 1	< 1	< 2.5	0.88 J	42	< 1	1.2	< 1	1.6 J	45.68
4/26/2000	A0275208	8021	< 1.2	< 1	< 1	< 1	< 2.5	< 1	4.8	< 1	< 1.2	< 1	< 1.8	4.8
7/19/2000	A0508907	8021	< 1.2	< 1	< 1	< 1	< 2.5	< 1	3.6	< 1	< 1.2	< 1	< 1.8	3.6

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To Address the NYSDEC concerns regarding the presentation and plotting of non-detected values, the data for 2001 to 2004 has been reevaluated and interpreted as follows:

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2) Total VOCs have been recalculated and represented as the sum of the detected parameters shown on this table.
3) The method change to 8260 was approved by the NYSDEC and changed in January 2005.

B - The analyte is present in the associated method blank.
D - Result reported from a secondary dilution analysis.
E - Concentration exceeds the calibration range; Result is estimated.
J - Indicates an estimated value.
µg/L - micrograms per liter

MONITORING WELL GROUNDWATER ANALYTICAL RESULT SUMMARY
FORMER CARBORUNDUM COMPANY
SANBORN, NEW YORK

Well ID: **B-31M**

Date	Lab Sample ID	Method	Carbon tetrachloride (µg/L)	Chloroform (µg/L)	1,1-Dichloroethane (µg/L)	1,1-Dichloroethene (µg/L)	Methylene chloride (µg/L)	trans-1,2-Dichloroethene (µg/L)	cis-1,2-Dichloroethene (µg/L)	1,1,1-Trichloroethane (µg/L)	Trichloroethene (µg/L)	Tetrachloroethene (µg/L)	Vinyl chloride (µg/L)	Total
1/1/1990		8260	< 1	< 0.5	< 0.7	< 1	5	< 1	2.7	< 0.3	9.1	< 0.3	< 1	16.8
4/1/1990		8260	< 1	< 0.5	< 0.7	< 1	< 5	< 1	2	< 0.3	6.9	< 0.3	< 1	8.9
7/1/1990		8260	< 1	< 0.5	< 0.7	< 1	< 5	< 1	1.9	< 0.3	11	< 0.3	< 10	12.9
10/1/1990		8260	< 1	< 0.5	< 0.7	< 1	< 1	< 1	< 1	< 0.3	4.9	< 0.3	< 1	4.9
1/1/1991		8260	< 1	< 0.5	< 0.7	< 1	< 5	< 1	4.3	1.4	11	< 0.3	< 1	16.7
5/1/1991		8260	< 1.2	< 0.5	< 0.7	< 1.3	< 2.5	< 1	3.6	< 0.3	14	< 0.3	< 1.8	17.6
7/1/1991		8260	< 1.2	< 0.5	< 0.7	< 1.3	< 2.5	< 1	< 1	< 0.3	9.1	< 0.3	< 1.8	9.1
10/1/1991		8260	< 1.2	< 0.5	< 0.7	< 1.3	< 2.5	< 1	1.8	< 0.3	11	< 0.3	< 1.8	12.8
1/1/1992		8260	< 1.2	< 0.5	< 0.7	< 1.3	< 2.5	< 1	3.6	< 0.3	8	< 0.3	< 1.8	11.6
4/1/1992		8260	< 1.2	< 0.5	< 0.7	< 1.3	< 2.5	< 1	3.5	< 0.3	11	< 0.3	< 1.8	14.5
7/1/1992		8260	< 1.2	< 0.5	< 0.7	< 1.3	< 2.5	< 1	5.9	0.8 A	18	< 0.3	< 1.8	24.7
10/1/1992		8260	< 1.2	< 0.5	< 0.7	< 1.3	< 2.5	< 1	3	< 0.3	16	< 0.3	< 1.8	19
1/1/1993		8260	< 1.2	< 0.5	< 0.7	< 1.3	< 2.5	< 1	6.6	< 0.3	28	< 0.3	< 1.8	34.6
4/1/1993		8260	< 1.2	< 0.5	< 0.7	< 1.3	< 2.5	< 1	6.7	< 0.5	19	< 0.3	< 1.8	25.7
6/30/1993		8260	< 1.2	< 0.5	< 0.7	< 1.3	< 2.5	< 1	3.4	< 0.5	3.3	< 0.3	< 1.8	6.7
10/7/1993		8260	< 1.2	< 0.5	< 0.7	< 1.3	< 2.5	< 1	5.2	< 0.5	10	< 0.3	< 1.8	15.2
1/26/1994		8260	< 1.2	< 0.5	< 0.7	< 1.3	< 2.5	< 1	7.5	< 0.5	13	< 0.3	< 1.8	20.5
4/8/1994		8260	< 1.2	< 0.5	< 0.7	< 1.3	< 2.5	< 1	8.9	< 0.5	20	< 0.3	< 1.8	28.9
7/7/1994		8260	< 1.2	< 0.5	< 0.7	< 1.3	< 2.5	< 1	3.3	< 0.5	3.2	< 0.3	< 1.8	6.5
10/7/1994		8260	< 1.2	< 0.5	< 0.7	< 1.3	< 2.5	< 1	6.3	< 0.5	3.6	< 0.3	< 1.8	9.9
1/25/1995		8260	< 1	< 1	< 1	< 1	< 1	< 1	4.6	< 1	5.9	< 1	< 2	10.5
4/5/1995		8260	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	1.7	< 1	< 2	1.7
6/28/1995		8260	< 1	< 1	< 1	< 1	< 1	< 1	4.3	< 1	3.8	< 1	< 2	8.1
10/10/1995		8260	< 1.2	< 0.5	< 1	< 0.7	< 2.5	< 1	11	< 0.64	4.6	< 0.79	< 1.8	15.6
1/10/1996		8260	< 1.2	< 0.5	< 1	< 0.7	< 2.5	< 1	10	< 0.64	9.5	< 0.79	< 1.8	19.5
4/3/1996		8260	< 1.2	< 0.5	< 1	< 0.7	< 2.5	< 1	12	< 0.64	12	< 0.79	< 1.8	24
7/16/1996		8260	< 1.2	< 0.5	< 1	< 0.7	< 2.5	< 1	11	< 0.64	12	< 0.79	< 1.8	23
10/3/1996		8260	< 1.2	< 0.5	< 1	< 0.7	< 2.5	< 1	11	< 0.64	3.8	< 0.79	< 1.8	14.8
1/29/1997		8260	< 1.2	< 0.5	< 1	< 0.7	< 2.5	< 1	9	< 0.64	6.8	< 0.79	< 1.8	15.8
4/16/1997		8260	< 1.2	< 0.5	< 1	< 0.7	< 2.5	< 1	9	< 0.64	8.2	< 0.79	< 1.8	17.2
7/11/1997		8260	< 1.2	< 0.5	< 1	< 0.7	< 2.5	< 1	4	< 0.64	2.1	< 0.79	< 1.8	6.1
10/24/1997		8260	< 1.2	< 0.5	< 1	< 0.7	< 2.5	< 1	10	< 0.64	1.8	< 0.79	< 1.8	11.8
1/21/1998		8260	< 1.2	< 0.5	< 1	< 0.7	< 2.5	< 1	14	< 0.64	6.8	< 0.79	< 1.8	20.8
4/23/1998		8260	< 1.2	< 0.5	< 1	< 0.7	< 2.5	< 1	11	< 0.64	6.7	< 0.79	< 1.8	17.7
7/22/1998		8260	< 1.2	< 0.5	< 1	< 0.7	< 2.5	< 1	11	< 0.64	3.1	< 0.79	< 1.8	14.1
10/7/1998		8260	< 1.2	< 0.5	< 1	< 0.7	< 2.5	< 1	8	< 0.64	1.8	< 0.79	< 1.8	9.8
1/26/1999		8260	< 1.2	< 0.5	< 1	< 0.7	< 2.5	< 1	6	< 0.64	1.3	< 0.79	< 1.8	7.3
4/20/1999		8260	< 1.2	< 0.5	< 1	< 0.7	< 2.5	< 1	11	< 0.64	2.1	< 0.79	< 1.8	13.1
7/21/1999		8260	< 1.2	< 0.5	< 1	< 0.7	< 2.5	< 1	10	< 0.64	2.4	< 0.79	< 1.8	12.4
10/11/1999		8260	< 1.2	< 1	< 1	< 1	< 2.5	< 1	6.6	< 1	0.93 J	< 1	< 1.8	7.53
1/10/2000	A0018402	8021	< 1.2	< 1	< 1	< 1	< 2.5	< 1	5.4	< 1	0.54 J	< 1	< 1.8	5.94
4/27/2000	A0284301	8021	< 1.2	< 1	< 1	< 1	< 2.5	< 1	8.3	< 1	2.6	< 1	< 1.8	10.9
7/18/2000	A0500415	8021	< 1.2	< 1	< 1	< 1	< 2.5	< 1	6.4	< 1	< 1.2	< 1	0.21 J	6.61
10/20/2000	A0754603	8021	< 1.2	< 1	< 1	< 1	< 2.5	< 1	8.6	< 1	1.8	< 1	0.32 J	10.72
1/15/2001	A1041302	8021	< 1.2	< 1	< 1	< 1	< 2.5	< 1	4.6	< 1	1 J	< 1	< 1.8	5.6
4/24/2001	A1375201	8021	< 1.2	< 1	< 1	< 1	< 2.5	< 1	5.5	< 1	1.2	< 1	< 1.8	6.7

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3) The method change to 8260 was approved by the NYSDEC and changed in January 2005.

B - The analyte is present in the associated method blank.
D - Result reported from a secondary dilution analysis.
E - Concentration exceeds the calibration range; Result is estimated.
J - Indicates an estimated value.
µg/L - micrograms per liter

Well ID: **B-31M**

Date	Lab Sample ID	Method	Carbon tetrachloride (µg/L)	Chloroform (µg/L)	1,1-Dichloroethane (µg/L)	1,1-Dichloroethene (µg/L)	Methylene chloride (µg/L)	trans-1,2-Dichloroethene (µg/L)	cis-1,2-Dichloroethene (µg/L)	1,1,1-Trichloroethane (µg/L)	Trichloroethene (µg/L)	Tetrachloroethene (µg/L)	Vinyl chloride (µg/L)	Total
7/16/2001	A1674102	8021	< 1.2	< 1	< 1	< 1	< 2.5	< 1	7.1	< 1	0.56 J	< 1	0.57 J	8.23
10/10/2001	A1994706	8021	< 1.2	< 1	< 1	< 1	< 2.5	< 1	7.3	< 1	< 1.2	< 1	0.48 J	7.78
1/17/2002	A2058501	8021	< 1.2	< 1	< 1	< 1	< 2.5	0.2 J	13	< 1	4	< 1	< 1.8	17.2
4/9/2002	A2332608	8260	< 1.2	< 1	< 1	< 1	< 2.5	< 1	4.8	< 1	1.1 J	< 1	< 1.8	5.9
7/9/2002	A2695509	8021	< 1.2	< 1	< 1	< 1	< 2.5	< 1	7.3	< 1	1.4	< 1	< 1.8	8.7
10/3/2002	A2980607	8021	< 1.2	< 1	< 1	< 1	< 2.5	< 1	10	< 1	1.7	< 1	0.29 J	11.99
1/14/2003	A3043004	8021	< 1.2	0.78 J	< 1	< 1	< 2.5	< 1	6.5	< 1	1.2	< 1	< 1.8	8.48
4/7/2003	A3320702	8021	< 1.2	< 1	< 1	< 1	< 2.5	< 1	10	< 1	2.6	< 1	< 1.8	12.6
7/2/2003	A3639716	8021	< 1.2	< 1	< 1	< 1	< 2.5	< 1	7.7	< 1	2.1	< 1	< 1.8	9.8
10/9/2003	A3978810	8021	< 1.2	< 1	< 1	< 1	< 2.5	< 1	13	< 1	3.5	< 1	< 1.8	16.5
4/20/2004	A4356903	8021	< 1.2	< 1	< 1	< 1	< 2.5	< 1	2.9	< 1	< 1.2	< 1	< 1.8	2.9
7/14/2004	A4664203	8021	< 1.2	< 1	< 1	< 1	< 2.5	< 1	8.8	< 1	3.8	< 1	< 1.8	12.6
10/25/2004	A4A54101	8021	< 1	< 1	< 1	< 1	< 1	< 1	13	< 1	4.5	< 1	< 1	17.5
1/19/2005	A5050909	8260	< 1.2	< 1	< 1	< 1	< 2.5	< 1	5.3	< 1	3.2	< 1	< 1.8	8.5
4/5/2005	A5317610	8260	< 1.2	< 1	< 1	< 1	< 2.5	< 1	2.4	< 1	0.64 J	< 1	< 1.8	3.04
7/8/2005	A5715201	8260/5M	< 1.2	< 1	< 1	< 1	< 2.5	< 1	6.6	< 1	2.3	< 1	< 1.8	8.9
7/17/2006	6G18004-01	8260	< 1	< 1	< 1	< 1	< 2	< 1	2	< 1	< 1	< 1	< 2	2
7/18/2007	7G19011-06	8260	< 1	< 1	< 1	< 1	< 2	< 1	2	< 1	< 1	< 1	< 2	2
7/24/2008	5424622	8260	< 1	< 0.8	< 1	< 0.8	< 2	< 0.8	3.1 J	< 0.8	1.1 J	< 0.8	< 1	4.2
7/14/2009	5723632	8260	< 1	< 0.8	< 1	< 0.8	< 2	< 0.8	8.5	< 0.8	4 J	< 0.8	< 1	12.5
7/13/2010	6031618	8260	< 1	< 0.8	< 1	< 0.8	< 2	< 0.8	3 J	< 0.8	< 1	< 0.8	< 1	3
7/18/2011	6348770	8260	< 1	< 0.8	< 1	< 0.8	< 2	< 0.8	5.1	< 0.8	< 1	< 0.8	< 1	5.1
7/16/2012	6722033	8260	< 1	< 0.8	< 1	< 0.8	< 2	< 0.8	3.3 J	< 0.8	< 1	< 0.8	< 1	3.3
7/9/2013	7122566	8260	< 1	< 0.8	< 1	< 0.8	< 2	< 0.8	3.4 J	< 0.8	< 1	< 0.8	< 1	3.4
7/9/2014	7527868	8260	< 0.5	< 0.5	< 0.5	< 0.5	< 2	< 0.5	3.7	< 0.5	< 0.5	< 0.5	< 0.5	3.7
7/15/2015	7968767	SW8260C	< 0.5	< 0.5	< 0.5	< 0.5	< 2	< 0.5	3.3	< 0.5	0.98 J	< 0.5	< 0.5	4.28

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To Address the NYSDEC concerns regarding the presentation and plotting of non-detected values, the data for 2001 to 2004 has been reevaluated and interpreted as follows:

1) Non-detected concentrations have been represented as '<' for reporting purposes.
2) Total VOCs have been recalculated and represented as the sum of the detected parameters shown on this table.
3) The method change to 8260 was approved by the NYSDEC and changed in January 2005.

B - The analyte is present in the associated method blank.
D - Result reported from a secondary dilution analysis.
E - Concentration exceeds the calibration range; Result is estimated.
J - Indicates an estimated value.
µg/L - micrograms per liter

MONITORING WELL GROUNDWATER ANALYTICAL RESULT SUMMARY
FORMER CARBORUNDUM COMPANY
SANBORN, NEW YORK

Well ID: **B-32M**

Date	Lab Sample ID	Method	Carbon tetrachloride (µg/L)	Chloroform (µg/L)	1,1-Dichloroethane (µg/L)	1,1-Dichloroethene (µg/L)	Methylene chloride (µg/L)	trans-1,2-Dichloroethene (µg/L)	cis-1,2-Dichloroethene (µg/L)	1,1,1-Trichloroethane (µg/L)	Trichloroethene (µg/L)	Tetrachloroethene (µg/L)	Vinyl chloride (µg/L)	Total
8/1/1992		8260	< 1.2	< 0.5	1.3	< 1.3	< 2.5	2.8	200	0.6 A	9.8	< 0.3	2.9	217.4
10/1/1992		8260	< 1.2	< 0.5	4.5	1.7	< 2.5	8.1	450	< 0.3	47	< 0.3	11	522.3
1/1/1993		8260	< 1.2	< 0.5	6.2	6.2	< 2.5	14	470	0.78	60	< 0.3	30	587.18
4/1/1993		8260	< 1.2	< 0.5	3.4	2.7	< 2.5	7.2	540	0.68	45	< 0.3	11	609.98
6/29/1993		8260	< 1.2	< 0.5	< 0.7	< 1.3	< 2.5	1.5	73	0.88	3.5	< 0.3	2.8	81.68
10/6/1993		8260	< 1.2	0.52	< 0.7	< 1.3	2.5	1.9	66	< 0.5	< 1.2	< 0.3	31	101.92
1/26/1994		8260	< 1.2	< 0.5	< 0.7	< 1.3	< 2.5	< 1	68	< 0.5	< 1.2	< 0.3	< 1.8	68
4/6/1994		8260	< 1.2	< 0.5	1.6	< 1.3	< 2.5	4.9	320	0.68	40	< 0.3	10	377.18
7/6/1994		8260	< 1.2	< 0.5	< 0.7	< 1.3	< 2.5	1.8	62	< 0.5	2.5	< 0.3	2.9	69.2
10/6/1994		8260	< 1.2	< 0.5	< 0.7	< 1.3	< 2.5	< 1	< 1	< 0.5	< 1.2	< 0.3	< 1.8	0
1/25/1995		8260	< 1	< 1	< 1	< 1	< 1	1.9	130	< 1	12	< 1	2.3	146.2
4/4/1995		8260	< 1	< 1	< 1	< 1	< 1	1.6	73	< 1	6.3	< 1	3.4	84.3
6/28/1995		8260	< 1	2.5	< 1	< 1	< 1	1.7	53	2	< 1	< 1	3.6	62.8
10/4/1995		8260	< 1.2	0.5	< 1	< 0.7	< 2.5	1.5	85	< 0.64	< 1.2	< 0.79	2.5	89.5
1/10/1996		8260	< 1.2	0.5	< 1	< 0.7	< 2.5	< 1	52	< 0.64	< 1.2	< 0.79	< 1.8	52.5
4/3/1996		8260	< 1.2	0.5	< 1	< 0.7	< 2.5	1.2	130	< 0.64	1.9	< 0.79	3	136.6
7/10/1996		8260	< 1.2	0.5	< 1	< 0.7	< 2.5	2.1	98	< 0.64	< 1.2	< 0.79	2.5	103.1
10/2/1996		8260	< 1.2	0.5	< 1	< 0.7	< 2.5	1.9	140	< 0.64	< 1.2	< 0.79	4.2	146.6
1/30/1997		8260	< 1.2	< 0.5	< 1	< 0.7	< 2.5	1.6	120	< 0.64	< 1.2	< 0.79	4.8	126.4
4/16/1997		8260	< 1.2	< 0.5	< 1	< 0.7	< 2.5	2.2	100	< 0.64	4.6	< 0.79	1.9	108.7
7/8/1997		8260	< 1.2	0.7	< 1	< 0.7	< 2.5	2.9	91	< 0.64	< 1.2	< 0.79	3.7	98.3
10/22/1997		8260	< 1.2	< 0.5	< 1	< 0.7	< 2.5	< 1	130	< 0.64	< 1.2	< 0.79	4.7	134.7
1/20/1998		8260	< 1.2	< 0.5	< 1	< 0.7	< 2.5	< 1	110	< 0.64	6	< 0.79	2.7	118.7
4/23/1998		8260	< 1.2	< 0.5	< 1	< 0.7	< 2.5	< 1	69	< 0.64	3.4	< 0.79	2.8	75.2
7/22/1998		8260	< 1.2	< 0.5	< 1	< 0.7	< 2.5	< 1	70	< 0.64	< 1.2	< 0.79	5.1	75.1
10/12/1998		8260	< 1.2	< 0.5	< 1	< 0.7	< 2.5	1.1	61	< 0.64	< 1.2	< 0.79	8	70.1
1/26/1999		8260	< 1.2	< 0.5	< 1	< 0.7	< 2.5	2.1	96	< 0.64	< 1.2	< 0.79	12	110.1
4/20/1999		8260	< 1.2	< 0.5	< 1	< 0.7	< 2.5	1.4	75	< 0.64	< 1.2	< 0.79	13	89.4
7/26/1999		8260	< 1.2	< 0.5	< 1	< 0.7	< 2.5	1.8	74	< 0.64	< 1.2	< 0.79	9.8	85.6
10/11/1999		8260	< 1.2	< 1	< 1	< 1	< 2.5	< 1	15	< 1	< 1.2	< 1	0.84 J	15.84
1/13/2000	A0026412	8021	< 1.2	< 1	< 1	< 1	< 2.5	1.4	52	< 1	0.37 J	< 1	9.1	62.87
4/26/2000	A0275207	8021	< 1.2	< 1	1.3	1.4	< 2.5	1.6	58	< 1	3.1	< 1	3.3	68.7
7/19/2000	A0508902	8021	< 1.2	< 1	< 1	< 1	< 2.5	0.64 J	41	< 1	< 1.2	< 1	6.7	48.34
10/24/2000	A0760709	8021	< 1.2	< 1	< 1	< 1	< 2.5	2	39	< 1	2	< 1	7.2	50.2
1/18/2001	A1052401	8021	< 1.2	< 1	0.29 J	0.23 J	< 2.5	1.8	47	< 1	0.67 J	< 1	7.5	57.49
4/18/2001	A1361303	624	< 0.24	< 0.3	< 0.36	< 0.28	< 0.5	0.48	10	< 0.22	< 0.24	< 0.22	1.1	11.58
7/18/2001	A1682902	8021	< 1.2	< 1	< 1	< 1	< 2.5	0.61 J	38	< 1	< 1.2	< 1	9.3	47.91
10/19/2001	A1A28802	8021	< 1.2	< 1	< 1	< 1	< 2.5	0.81 J	56	< 1	0.6 J	< 1	9.4	66.81
1/14/2002	A2039403	8021	< 1.2	< 1	< 1	< 1	0.54 J	0.56 J	28	< 1	1.1 J	< 1	3.9	34.1
4/8/2002	A2332603	8260	< 1.2	< 1	< 1	< 1	< 2.5	0.71 J	57	< 1	0.68 J	< 1	4.8	63.19
4/16/2002	A2369801	8021	< 1.2	< 1	0.34 J	0.27 J	< 2.5	< 1	62 D	< 1	1.6	< 1	5.8	70.01
7/8/2002	A2695505	8021	< 1.2	< 1	< 1	< 1	< 2.5	< 1	32	< 1	< 1.2	< 1	2.8	34.8
10/9/2002	A2A07901	8021	< 1.2	< 1	< 1	< 1	< 2.5	0.93 J	56	< 1	< 1.2	< 1	9.7	66.63
1/13/2003	A3038005	8021	< 1.2	< 1	< 1	< 1	< 2.5	< 1	42	< 1	1.9	< 1	5.2	49.1
4/24/2003	A3389501	8021	< 1.2	< 1	< 1	< 1	< 2.5	< 1	56	< 1	< 1.2	< 1	4.9	60.9
7/16/2003	A3684101	8021	< 1.2	< 1	< 1	< 1	< 2.5	0.74 J	42	< 1	0.51 J	< 1	2.8	46.05

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3) The method change to 8260 was approved by the NYSDEC and changed in January 2005.

B - The analyte is present in the associated method blank.
D - Result reported from a secondary dilution analysis.
E - Concentration exceeds the calibration range; Result is estimated.
J - Indicates an estimated value.
µg/L - micrograms per liter

Well ID: **B-32M**

Date	Lab Sample ID	Method	Carbon tetrachloride (µg/L)	Chloroform (µg/L)	1,1-Dichloroethane (µg/L)	1,1-Dichloroethene (µg/L)	Methylene chloride (µg/L)	trans-1,2-Dichloroethene (µg/L)	cis-1,2-Dichloroethene (µg/L)	1,1,1-Trichloroethane (µg/L)	Trichloroethene (µg/L)	Tetrachloroethene (µg/L)	Vinyl chloride (µg/L)	Total
10/21/2003	A3A22001	8021	< 1.2	< 1	< 1	< 1	< 2.5	0.91 J	61	< 1	< 1.2	< 1	8.6	70.51
1/7/2004	A4012304	8021	< 1.2	< 1	< 1	< 1	< 2.5	< 1	38	< 1	< 1.2	< 1	3.4	41.4
4/23/2004	A4372904	8021	< 1.2	< 1	< 1	< 1	< 2.5	< 1	36	< 1	1.3	< 1	2.8	40.1
7/20/2004	A4682903	8021	< 1.2	< 1	< 1	< 1	< 2.5	< 1	39 E	< 1	< 1.2	< 1	2.5 E	41.5
7/20/2004	A4682903	8260	< 1.2	< 1	< 1	< 1	2.2 J	0.76 J	31	< 1	0.83 J	< 1	< 1.8	34.79
10/20/2004	A4A32101	8021	< 1	31	< 1	< 1	< 1	0.52 J	< 1	< 1	0.67 J	< 1	4.3	36.49
1/13/2005	A5036405	8260	< 1.2	< 1	0.81 J	0.61 J	< 2.5	1.3	69 D	< 1	17	< 1	3.4	92.12
4/19/2005	A5387302	8260	< 1.2	< 1	0.45 J	0.48 J	< 2.5	0.4 J	34 D	< 1	7.3	< 1	3.9	46.53
7/19/2005	A5762201	8260/5M	< 1.2	< 1	< 1	< 1	< 2.5	1.1	39	< 1	< 1.2	< 1	10	50.1
7/20/2006	6G21005-07	8260	< 1	< 1	< 1	< 1	2	1	35	< 1	< 1	< 1	7	45
7/10/2007	7G11015-08	8260	< 1	< 1	< 1	< 1	< 2	< 1	28	< 1	< 1	< 1	5	33
7/25/2008	5426032	8260	< 1	< 0.8	< 1	< 0.8	< 2	1.4 J	31	< 0.8	< 1	< 0.8	6.8	39.2
7/14/2009	5723630	8260	< 1	< 0.8	< 1	< 0.8	< 2	< 0.8	21	< 0.8	< 1	< 0.8	10	31
7/13/2010	6031615	8260	< 1	< 0.8	< 1	< 0.8	< 2	0.82 J	26	< 0.8	< 1	< 0.8	11	37.82
7/19/2011	6350148	8260	< 1	< 0.8	1 J	< 0.8	< 2	1.4 J	54	< 0.8	15	< 0.8	4.7 J	76.1
1/19/2012	6527709	8260	< 1	< 0.8	1.1 J	< 0.8	< 2	1.1 J	54	< 0.8	28	< 0.8	1.2 J	85.4
4/3/2012	6605293	8260	< 1	< 0.8	1.4 J	< 0.8	< 2	1.9 J	61	< 0.8	34	< 0.8	1.1 J	99.4
7/12/2012	6719401	8260	< 1	< 0.8	< 1	< 0.8	< 2	1 J	23	< 0.8	1.5 J	< 0.8	9.8	35.3
7/15/2013	7128195	8260	< 1	< 0.8	1.1 J	< 0.8	< 2	1.4 J	43	< 0.8	31	< 0.8	4.5 J	81
7/14/2014	7532404	8260	< 0.5	< 0.5	0.7 J	0.69 J	< 2	1.7	43	< 0.5	25	< 0.5	1.9	72.99
7/14/2015	7967361	SW8260C	< 0.5	< 0.5	< 0.5	0.65 J	< 2	3.5	37	< 0.5	16	< 0.5	2.6	59.75
12/5/2016	240-73125-1	8260C	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	0.90 J	21	< 1.0	2.2	< 1.0	10	34.1
4/28/2017	240-78929-1	8260C	< 1.0	< 1.0	0.83 J	0.69 J	< 1.0	0.92 J	42	< 1.0	21	< 1.0	1.9	67.34
4/18/2018	240-94333-2	8260C	< 1.0	< 1.0	0.44 J	0.59 J	< 1.0	0.76 J	24	< 1.0	22	< 1.0	2.7	50.49

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3) The method change to 8260 was approved by the NYSDEC and changed in January 2005.

B - The analyte is present in the associated method blank.
D - Result reported from a secondary dilution analysis.
E - Concentration exceeds the calibration range; Result is estimated.
J - Indicates an estimated value.
µg/L - micrograms per liter

MONITORING WELL GROUNDWATER ANALYTICAL RESULT SUMMARY
FORMER CARBORUNDUM COMPANY
SANBORN, NEW YORK

Well ID: **B-33M**

Date	Lab Sample ID	Method	Carbon tetrachloride (µg/L)	Chloroform (µg/L)	1,1-Dichloroethane (µg/L)	1,1-Dichloroethene (µg/L)	Methylene chloride (µg/L)	trans-1,2-Dichloroethene (µg/L)	cis-1,2-Dichloroethene (µg/L)	1,1,1-Trichloroethane (µg/L)	Trichloroethene (µg/L)	Tetrachloroethene (µg/L)	Vinyl chloride (µg/L)	Total
8/1/1992		8260	< 1.2	< 0.5	< 0.7	< 1.3	< 2.5	< 1	< 1	1.4 A	< 1.2	< 0.3	< 1.8	1.4
10/1/1992		8260	< 1.2	< 0.5	< 0.7	< 1.3	< 2.5	< 1	< 1	< 0.3	< 1.2	< 0.3	< 1.8	0
12/1/1992		8260	< 1.2	< 0.5	< 0.7	< 1.3	< 2.5	< 1	< 1	< 0.3	< 1.2	< 0.3	< 1.8	0
4/1/1993		8260	< 1.2	< 0.5	< 0.7	< 1.3	< 2.5	< 1	< 1	< 0.5	< 1.2	< 0.3	< 1.8	0
6/29/1993		8260	< 1.2	< 0.5	< 0.7	< 1.3	< 2.5	< 1	< 1	< 0.5	< 1.2	< 0.3	< 1.8	0
10/6/1993		8260	< 1.2	< 0.5	< 0.7	< 1.3	< 2.5	< 1	< 1	< 0.5	< 1.2	< 0.3	< 1.8	0
7/8/1994		8260	< 1.2	< 0.5	< 0.7	< 1.3	< 2.5	< 1	1.5	< 0.5	5	< 0.3	< 1.8	6.5
6/28/1995		8260	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 2	0
7/10/1996		8260	< 1.2	< 0.5	< 1	< 0.7	< 2.5	< 1	< 1	< 0.64	< 1.2	< 0.79	< 1.8	0
7/8/1997		8260	< 1.2	< 0.5	< 1	< 0.7	< 2.5	< 1	< 1	< 0.64	< 1.2	< 0.79	< 1.8	0
7/22/1998		8260	< 1.2	< 0.5	< 1	< 0.7	< 2.5	< 1	< 1	< 0.64	< 1.2	< 0.79	< 1.8	0
7/26/1999		8260	< 1.2	< 0.5	< 1	< 0.7	< 2.5	< 1	< 1	< 0.64	< 1.2	< 0.79	< 1.8	0
7/19/2000	A0508904	8021	< 1.2	< 1	< 1	< 1	< 2.5	< 1	< 1	< 1	< 1.2	< 1	< 1.8	0
7/18/2001	A1682904	8021	< 1.2	< 1	< 1	< 1	< 2.5	< 1	< 1	< 1	< 1.2	< 1	< 1.8	0
7/10/2002	A2708305	8021	< 1.2	< 1	< 1	< 1	< 2.5	< 1	< 1	< 1	< 1.2	< 1	< 1.8	0
7/8/2003	A3649207	8021	< 1.2	< 1	< 1	< 1	< 2.5	< 1	< 1	< 1	< 1.2	< 1	< 1.8	0
7/14/2004	A4664204	8021	< 1.2	< 1	< 1	< 1	< 2.5	< 1	< 1	< 1	< 1.2	< 1	< 1.8	0
7/7/2005	A5706801	8260	< 1.2	< 1	< 1	< 1	< 2.5	< 1	< 1	< 1	< 1.2	< 1	< 1.8	0
7/20/2006	6G21005-06	8260	< 1	< 1	< 1	< 1	4	< 1	< 1	< 1	< 1	< 1	< 2	4
7/10/2007	7G11015-09	8260	< 1	< 1	< 1	< 1	< 2	< 1	< 1	< 1	< 1	< 1	< 2	0
7/25/2008	5426033	8260	< 1	< 0.8	< 1	< 0.8	< 2	< 0.8	< 0.8	< 0.8	< 1	< 0.8	< 1	0
7/14/2009	5723628	8260	< 1	< 0.8	< 1	< 0.8	< 2	< 0.8	< 0.8	< 0.8	< 1	< 0.8	< 1	0
7/13/2010	6031616	8260	< 1	< 0.8	< 1	< 0.8	< 2	< 0.8	< 0.8	< 0.8	< 1	< 0.8	< 1	0
7/19/2011	6350147	8260	< 1	< 0.8	< 1	< 0.8	< 2	< 0.8	< 0.8	< 0.8	< 1	< 0.8	< 1	0
7/12/2012	6719402	8260	< 1	< 0.8	< 1	< 0.8	< 2	< 0.8	< 0.8	< 0.8	< 1	< 0.8	< 1	0
7/16/2013	7129891	8260	< 1	< 0.8	< 1	< 0.8	< 2	< 0.8	< 0.8	< 0.8	< 1	< 0.8	< 1	0
7/14/2014	7532397	8260	< 0.5	< 0.5	< 0.5	< 0.5	< 2	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	0
7/14/2015	7967360	SW8260C	< 0.5	< 0.5	< 0.5	< 0.5	< 2	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	0
4/8/2019	240-110803-9	8260C	< 1.0	< 1.0	< 1.0	< 1.0	< 5.0	< 1.0	< 1.0	< 1.0	0.31 J	< 1.0	< 1.0	0.31
3/27/2020	240-128359-4	8260C	< 1	< 1	< 1.0	< 1.0	< 5	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	0
4/19/2021	240-147939-3	8260C	< 1.0	< 1.0	< 1.0	< 1.0	< 5.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	0
4/15/2022	240-165253-5	8260C	< 1.0	< 1.0	< 1.0	< 1.0	< 5.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	0
3/22/2023	240-182590-29	8260D	< 1.0	< 1.0	< 1.0	< 1.0	< 5.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	0

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J - Indicates an estimated value.
µg/L - micrograms per liter

MONITORING WELL GROUNDWATER ANALYTICAL RESULT SUMMARY
FORMER CARBORUNDUM COMPANY
SANBORN, NEW YORK

Well ID: **B-34M**

Date	Lab Sample ID	Method	Carbon tetrachloride (µg/L)	Chloroform (µg/L)	1,1-Dichloroethane (µg/L)	1,1-Dichloroethene (µg/L)	Methylene chloride (µg/L)	trans-1,2-Dichloroethene (µg/L)	cis-1,2-Dichloroethene (µg/L)	1,1,1-Trichloroethane (µg/L)	Trichloroethene (µg/L)	Tetrachloroethene (µg/L)	Vinyl chloride (µg/L)	Total
8/1/1992		8260	< 1.2	< 0.5	< 0.7	< 1.3	< 2.5	< 1	< 1	1.7 A	< 1.2	< 0.3	3.5	5.2
10/1/1992		8260	< 1.2	< 0.5	< 0.7	< 1.3	< 2.5	< 1	1.6	< 0.3	< 1.2	< 0.3	< 1.8	1.6
1/1/1993		8260	< 1.2	< 0.5	< 0.7	< 1.3	< 2.5	< 1	< 1	< 0.3	< 1.2	< 0.3	< 1.8	0
4/1/1993		8260	< 1.2	< 0.5	< 0.7	< 1.3	< 2.5	< 1	< 1	< 0.5	< 1.2	< 0.3	< 1.8	0
6/29/1993		8260	< 1.2	< 0.5	< 0.7	< 1.3	< 2.5	< 1	< 1	1.2	< 1.2	< 0.3	< 1.8	1.2
10/6/1993		8260	< 1.2	< 0.5	< 0.7	< 1.3	2.6	< 1	< 1	< 0.5	< 1.2	< 0.3	< 1.8	2.6
7/8/1994		8260	< 1.2	< 0.5	< 0.7	< 1.3	2.6	< 1	< 1	< 0.5	< 1.2	< 0.3	< 1.8	2.6
6/28/1995		8260	< 1	< 1	< 1	< 1	1	< 1	< 1	< 1	< 1	< 1	< 2	1
7/10/1996		8260	< 1.2	< 0.5	< 1	< 0.7	< 2.5	< 1	< 1	< 0.64	< 1.2	< 0.79	< 1.8	0
7/8/1997		8260	< 1.2	< 0.5	< 1	< 0.7	< 2.5	< 1	< 1	< 0.64	< 1.2	< 0.79	< 1.8	0
7/22/1998		8260	< 1.2	< 0.5	< 1	< 0.7	< 2.5	< 1	< 1	< 0.64	< 1.2	< 0.79	< 1.8	0
7/26/1999		8260	< 1.2	< 0.5	< 1	< 0.7	< 2.5	< 1	< 1	< 0.64	< 1.2	< 0.79	< 1.8	0
7/19/2000	A0508903	8021	< 1.2	< 1	< 1	< 1	< 2.5	< 1	< 1	< 1	< 1.2	< 1	< 1.8	0
7/18/2001	A1682903	8021	< 1.2	< 1	< 1	< 1	< 2.5	< 1	< 1	< 1	< 1.2	< 1	< 1.8	0
7/10/2002	A2708306	8021	< 1.2	< 1	< 1	< 1	< 2.5	< 1	< 1	< 1	< 1.2	< 1	< 1.8	0

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To Address the NYSDEC concerns regarding the presentation and plotting of non-detected values, the data for 2001 to 2004 has been reevaluated and interpreted as follows:
1) Non-detected concentrations have been represented as '<' for reporting purposes.
2) Total VOCs have been recalculated and represented as the sum of the detected parameters shown on this table.
3) The method change to 8260 was approved by the NYSDEC and changed in January 2005.

B - The analyte is present in the associated method blank.
D - Result reported from a secondary dilution analysis.
E - Concentration exceeds the calibration range; Result is estimated.
J - Indicates an estimated value.
µg/L - micrograms per liter

MONITORING WELL GROUNDWATER ANALYTICAL RESULT SUMMARY
FORMER CARBORUNDUM COMPANY
SANBORN, NEW YORK

Well ID: **B-35M**

Date	Lab Sample ID	Method	Carbon tetrachloride (µg/L)	Chloroform (µg/L)	1,1-Dichloroethane (µg/L)	1,1-Dichloroethene (µg/L)	Methylene chloride (µg/L)	trans-1,2-Dichloroethene (µg/L)	cis-1,2-Dichloroethene (µg/L)	1,1,1-Trichloroethane (µg/L)	Trichloroethene (µg/L)	Tetrachloroethene (µg/L)	Vinyl chloride (µg/L)	Total
8/1/1992		8260	< 1.2	< 0.5	< 0.7	< 1.3	< 2.5	< 1	< 1	< 0.3	< 1.2	< 0.3	< 1.8	0
10/1/1992		8260	< 1.2	< 0.5	< 0.7	< 1.3	< 2.5	< 1	< 1	< 0.3	< 1.2	< 0.3	< 1.8	0
12/1/1992		8260	< 1.2	< 0.5	< 0.7	< 1.3	< 2.5	< 1	< 1	< 0.3	< 1.2	< 0.3	< 1.8	0
4/2/1993		8260	< 1.2	< 0.5	< 0.7	< 1.3	< 2.5	< 1	< 1	< 0.5	< 1.2	< 0.3	< 1.8	0
7/1/1993		8260	< 1.2	< 0.5	< 0.7	< 1.3	< 2.5	< 1	< 1	< 0.5	< 1.2	< 0.3	< 1.8	0
10/4/1993		8260	< 1.2	< 0.5	< 0.7	< 1.3	< 2.5	< 1	< 1	1.2 *	< 1.2	< 0.3	< 1.8	1.2
11/3/1994		8260	< 1.2	< 0.5	< 0.7	< 1.3	< 2.5	< 1	< 1	< 0.5	< 1.2	< 0.3	< 1.8	0
1/11/1996		8260	< 1.2	< 0.5	< 1	< 0.7	< 2.5	< 1	< 1	< 0.64	< 1.2	< 0.79	< 1.8	0
7/17/1996		8260	< 1.2	< 0.5	< 1	< 0.7	< 2.5	< 1	< 1	< 0.64	< 1.2	< 0.79	< 1.8	0
7/15/1997		8260	< 1.2	< 0.5	< 1	< 0.7	< 2.5	< 1	< 1	< 0.64	< 1.2	< 0.79	< 1.8	0
7/23/1998		8260	< 1.2	< 0.5	< 1	< 0.7	< 2.5	< 1	< 1	< 0.64	< 1.2	< 0.79	< 1.8	0
7/26/1999		8260	< 1.2	< 0.5	< 1	< 0.7	< 2.5	< 1	< 1	< 0.64	< 1.2	< 0.79	< 1.8	0
7/18/2000	A0500414	8021	< 1.2	< 1	< 1	< 1	< 2.5	< 1	< 1	< 1	< 1.2	< 1	< 1.8	0
7/18/2001	A1682906	8021	< 1.2	< 1	< 1	< 1	< 2.5	< 1	< 1	< 1	< 1.2	< 1	< 1.8	0
7/10/2002	A2708303	8021	< 1.2	< 1	< 1	< 1	< 2.5	< 1	< 1	< 1	< 1.2	< 1	< 1.8	0

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To Address the NYSDEC concerns regarding the presentation and plotting of non-detected values, the data for 2001 to 2004 has been reevaluated and interpreted as follows:
1) Non-detected concentrations have been represented as '<' for reporting purposes.
2) Total VOCs have been recalculated and represented as the sum of the detected parameters shown on this table.
3) The method change to 8260 was approved by the NYSDEC and changed in January 2005.

B - The analyte is present in the associated method blank.
D - Result reported from a secondary dilution analysis.
E - Concentration exceeds the calibration range; Result is estimated.
J - Indicates an estimated value.
µg/L - micrograms per liter

MONITORING WELL GROUNDWATER ANALYTICAL RESULT SUMMARY
FORMER CARBORUNDUM COMPANY
SANBORN, NEW YORK

Well ID: **B-37M**

Date	Lab Sample ID	Method	Carbon tetrachloride (µg/L)	Chloroform (µg/L)	1,1-Dichloroethane (µg/L)	1,1-Dichloroethene (µg/L)	Methylene chloride (µg/L)	trans-1,2-Dichloroethene (µg/L)	cis-1,2-Dichloroethene (µg/L)	1,1,1-Trichloroethane (µg/L)	Trichloroethene (µg/L)	Tetrachloroethene (µg/L)	Vinyl chloride (µg/L)	Total
6/28/1993		8260	< 120	< 50	< 70	< 130	< 250	< 100	17000	54	230000	< 30	500	247554
7/7/1994		8260	< 1.2	< 0.5	< 0.7	2.4	< 2.5	2.1	460	0.7	4900	< 0.3	3.8	5369
7/3/2003	A3639717	8021	< 1.2	< 1	< 1	2.2	< 2.5	13	1500 D	1.8	64000 D	< 1	< 1.8	65517
6/29/2004	A4614513	8021	< 290	< 51	< 42	< 160	< 90	< 100	3400	< 59	24000	< 23	< 180	27400
7/8/2005	A5715207	8260/5M	< 1.2	< 1	< 1	1.7	< 2.5	19	1900 D	< 1	4900 D	< 1	< 1.8	6820.7

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To Address the NYSDEC concerns regarding the presentation and plotting of non-detected values, the data for 2001 to 2004 has been reevaluated and interpreted as follows:
1) Non-detected concentrations have been represented as '<' for reporting purposes.
2) Total VOCs have been recalculated and represented as the sum of the detected parameters shown on this table.
3) The method change to 8260 was approved by the NYSDEC and changed in January 2005.

B - The analyte is present in the associated method blank.
D - Result reported from a secondary dilution analysis.
E - Concentration exceeds the calibration range; Result is estimated.
J - Indicates an estimated value.
µg/L - micrograms per liter

MONITORING WELL GROUNDWATER ANALYTICAL RESULT SUMMARY
FORMER CARBORUNDUM COMPANY
SANBORN, NEW YORK

Well ID: **B-38M**

Date	Lab Sample ID	Method	Carbon tetrachloride (µg/L)	Chloroform (µg/L)	1,1-Dichloroethane (µg/L)	1,1-Dichloroethene (µg/L)	Methylene chloride (µg/L)	trans-1,2-Dichloroethene (µg/L)	cis-1,2-Dichloroethene (µg/L)	1,1,1-Trichloroethane (µg/L)	Trichloroethene (µg/L)	Tetrachloroethene (µg/L)	Vinyl chloride (µg/L)	Total
1/26/1994		8260	< 1.2	< 0.5	< 0.7	< 1.3	< 2.5	< 1	260	< 0.5	18	< 0.3	< 1.8	278
4/7/1994		8260	< 1.2	< 0.5	< 0.7	< 1.3	< 2.5	2.3	140	< 0.5	27	< 0.3	12	181.3
7/6/1994		8260	< 1.2	< 0.5	1.1	< 1.3	< 2.5	3.5	160	< 0.5	20	< 0.3	7.4	192
10/6/1994		8260	< 1.2	< 0.5	1.5	2.5	< 2.5	4.1	220	< 0.5	16	< 0.3	4.9	249
1/26/1995		8260	< 1	< 1	< 1	< 1	< 1	1.1	110	< 1	11	< 1	< 2	122.1
4/4/1995		8260	< 1	< 1	< 1	< 1	< 1	1	96	< 1	7	< 1	< 2	104
6/28/1995		8260	< 1	< 1	< 1	< 1	< 1	1.5	100	< 1	6.8	< 1	< 2	108.3
10/4/1995		8260	< 1.2	< 0.5	< 1	< 0.7	< 2.5	2.7	160	< 0.64	13	3	< 1.8	178.7
1/10/1996		8260	< 1.2	< 0.5	< 1	< 0.7	< 2.5	1	98	< 0.64	6.1	< 0.79	< 1.8	105.1
4/10/1996		8260	< 1.2	< 0.5	< 1	< 0.7	< 2.5	2	142	< 0.64	7.7	< 0.79	< 1.8	151.7
7/17/1996		8260	< 12	< 5	< 10	< 7	< 25	< 10	110	< 6.4	< 12	< 7.9	< 18	110
10/2/1996		8260	< 1.2	< 0.5	< 1	< 0.7	< 2.5	1.7	130	< 0.64	5.8	< 0.79	< 1.8	137.5
1/29/1997		8260	< 12	< 5	< 10	< 7	< 25	< 10	120	< 6.4	< 12	< 7.9	< 18	120
4/16/1997		8260	< 1.2	1	< 1	< 0.7	< 2.5	2	100	< 0.64	3.9	< 0.79	< 1.8	106.9
7/15/1997		8260	< 1.2	0.7	< 1	< 0.7	< 2.5	1.4	140	< 0.64	5.3	< 0.79	< 1.8	147.4
10/24/1997		8260	< 1.2	< 0.5	< 1	< 0.7	< 2.5	< 1	51	5.8	3.8	< 0.79	< 1.8	60.6
1/21/1998		8260	< 1.2	< 0.5	< 1	< 0.7	< 2.5	< 1	110	< 0.64	2.5	< 0.79	< 1.8	112.5
4/24/1998		8260	< 1.2	< 0.5	< 1	< 0.7	< 2.5	1.3	89	< 0.64	2.5	< 0.79	< 1.8	92.8
7/23/1998		8260	< 1.2	< 0.5	< 1	< 0.7	< 2.5	< 1	65	< 0.64	1.9	< 0.79	< 1.8	66.9
10/12/1998		8260	< 1.2	< 0.5	< 1	< 0.7	< 2.5	< 1	79	< 0.64	3	< 0.79	< 1.8	82
1/26/1999		8260	< 1.2	< 0.5	< 1	< 0.7	< 2.5	1.3	130	< 0.64	3.7	< 0.79	< 1.8	135
4/20/1999		8260	< 1.2	< 0.5	< 1	< 0.7	< 2.5	1	100	< 0.64	4.8	< 0.79	3.2 J	109
7/22/1999		8260	< 1.2	< 0.5	< 1	< 0.7	< 2.5	< 1	56	< 0.64	1.3	< 0.79	< 1.8	57.3
10/12/1999		8260	< 1.2	< 1	< 1	< 1	< 2.5	< 1	29	< 1	< 1.2	< 1	< 1.8	29
1/14/2000	A0029302	8021	< 1.2	< 1	< 1	< 1	< 2.5	0.39 J	53	< 1	2.2	< 1	0.39 J	55.98
4/26/2000	A0275206	8021	< 1.2	< 1	1.3	< 1	< 2.5	1.3	52	< 1	2.4	< 1	2	59
7/18/2000	A0500411	8021	< 1.2	< 1	< 1	< 1	< 2.5	0.75 J	48	< 1	1.9	< 1	< 1.8	50.65
10/19/2000	A0751303	8021	< 1.2	< 1	< 1	< 1	< 2.5	< 1	5.8	< 1	< 1.2	< 1	< 1.8	5.8
1/19/2001	A1056801	8021	< 1.2	< 1	< 1	< 1	< 2.5	< 1	45	< 1	0.4 J	< 1	< 1.8	45.4
4/24/2001	A1375202	8021	< 1.2	< 1	< 1	< 1	< 2.5	< 1	48	< 1	2.5	< 1	< 1.8	50.5
7/18/2001	A1682907	8021	< 1.2	< 1	< 1	< 1	< 2.5	0.26 J	44	< 1	1.8	< 1	< 1.8	46.06
10/19/2001	A1A28801	8021	< 1.2	< 1	< 1	< 1	< 2.5	< 1	43	< 1	4.9	< 1	1.1 J	49
1/21/2002	A2066004	8021	< 1.2	< 1	< 1	< 1	< 2.5	0.51 J	48	< 1	3.2	< 1	< 1.8	51.71
4/16/2002	A2370103	8021	< 1.2	< 1	0.49 J	0.26 J	< 2.5	0.96 J	81 D	< 1	3.7	< 1	3.4	89.81
7/11/2002	A2708313	8021	< 1.2	< 1	0.42 J	< 1	< 2.5	1.1	84	< 1	5.1	< 1	< 1.8	90.62
10/8/2002	A2999309	8021	< 1.2	1.6	< 1	< 1	< 2.5	< 1	52	< 1	4.8	< 1	< 1.8	58.4
10/15/2002	A2A23604	8021	< 1.2	< 1	< 1	< 1	< 2.5	< 1	41	< 1	4.6	< 1	< 1.8	45.6
1/16/2003	A3055801	8021	< 1.2	< 1	< 1	< 1	< 2.5	0.54 J	80	< 1	7.8	< 1	1.4 J	89.74
4/8/2003	A3329506	8021	< 1.2	< 1	< 1	< 1	3.4	< 1	51	< 1	3.9	< 1	1.1 J	59.4
7/8/2003	A3649102	8021	< 1.2	< 1	< 1	< 1	2 J	< 1	71	< 1	2.8	< 1.3	< 1.8	75.8
10/13/2003	A3991401	8021	< 1.2	< 1	< 1	< 1	< 2.5	< 1	94	< 1	6.1	< 1	< 1.8	100.1
1/9/2004	A4026202	8021	< 1.2	< 1	< 1	< 1	< 2.5	< 1	100	< 1	8	< 1	< 1.8	108
4/13/2004	A4331805	8021	< 1.2	< 1	< 1	< 1	< 2.5	1.1	88	< 1	12	< 1	< 1.8	101.1
7/6/2004	A4636505	8021	< 1.2	< 1	1.6	1.9	< 2.5	1.9	110	< 1	23	< 1	2	140.4
10/26/2004	A4A60201	8021	< 1	< 1	1.2	0.57 J	< 1	1.3	140 E	< 1	21	< 1	0.85 J	164.92
1/20/2005	A5057701	8260	< 1.2	< 1	0.82 J	< 1	1.1 J	0.91 J	74	< 1	19	< 1	< 1.8	95.83

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B - The analyte is present in the associated method blank.
D - Result reported from a secondary dilution analysis.
E - Concentration exceeds the calibration range; Result is estimated.
J - Indicates an estimated value.
µg/L - micrograms per liter

Well ID: **B-38M**

Date	Lab Sample ID	Method	Carbon tetrachloride (µg/L)	Chloroform (µg/L)	1,1-Dichloroethane (µg/L)	1,1-Dichloroethene (µg/L)	Methylene chloride (µg/L)	trans-1,2-Dichloroethene (µg/L)	cis-1,2-Dichloroethene (µg/L)	1,1,1-Trichloroethane (µg/L)	Trichloroethene (µg/L)	Tetrachloroethene (µg/L)	Vinyl chloride (µg/L)	Total
4/5/2005	A5317801	8260	< 1.2	< 1	1	0.63 J	< 2.5	1.6	73 D	< 1	31	< 1	1.8	109.03
7/11/2005	A5724702	8260/5M	< 1.2	< 1	0.81 J	0.71 J	< 2.5	1.3	73	< 1	24	< 1	< 1.8	99.82
10/21/2005	A5B92601	8260	< 1.2	< 1	0.84 J	0.74 J	< 2.5	1	78	< 1	27	< 1	1.8	109.38
1/24/2006	A6089104	8260	< 1.2	< 1	1.2	0.72 J	< 2.5	1.3	81	< 1	25	< 1	2	111.22
4/13/2006	6D14002-05	8260	< 1	< 1	1	< 1	< 2	2	82	< 1	33	< 1	< 2	118
7/17/2006	6G18004-04	8260	< 1	< 1	< 1	< 1	< 2	1	66	< 1	25	< 1	< 2	92
10/12/2006	6J16007-02	8260	< 1	< 1	< 1	< 1	< 2	< 1	55	< 1	23	< 1	2	80
1/10/2007	7A11003-06	8260	< 1	< 1	< 1	< 1	< 2	< 1	56	< 1	23	< 1	2	81
4/5/2007	7D06002-03	8260	< 1	< 1	< 1	< 1	< 2	< 1	41	< 1	20	< 1	< 2	61
7/18/2007	7G19011-01	8260	< 1	< 1	< 1	< 1	< 2	1	58	< 1	32	< 1	< 2	91
10/11/2007	7J12012-05	8260	< 1	< 1	< 1	< 1	< 2	< 1	36	< 1	21	< 1	< 2	57
1/9/2008	8A10002-04	8260	< 1	< 1	< 1	< 1	< 2	< 1	63	< 1	29	< 1	3	95
4/8/2008	8D09003-01	8260	< 1	< 1	< 1	< 1	2 B	< 1	39	< 1	12	< 1	< 2	53
7/25/2008	5426024	8260	< 1	< 0.8	< 1	< 0.8	< 2	0.88 J	48	< 0.8	21	< 0.8	< 1	69.88
10/14/2008	5498683	8260	< 1	< 0.8	< 1	< 0.8	< 2	< 0.8	46	< 0.8	25	< 0.8	< 1	71
1/21/2009	5582432	8260	< 1	< 0.8	< 1	< 0.8	< 2	< 0.8	54	< 0.8	19	< 0.8	1.4 J	74.4
4/20/2009	5651169	8260	< 1	< 0.8	< 1	< 0.8	< 2	1 J	64	< 0.8	23	< 0.8	2 J	90
7/13/2009	5722288	8260	< 1	< 0.8	< 1	< 0.8	< 2	< 0.8	50	< 0.8	20	< 0.8	< 1	70
10/6/2009	5799015	8260	< 1	< 0.8	< 1	< 0.8	< 2	< 0.8	41	< 0.8	17	< 0.8	< 1	58
1/21/2010	5889954	8260	< 1	< 0.8	< 1	< 0.8	< 2	0.99 J	59	< 0.8	24	< 0.8	< 1	83.99
4/7/2010	5948418	8260	< 1	< 0.8	< 1	< 0.8	< 2	0.93 J	41	< 0.8	19	< 0.8	< 1	60.93
7/15/2010	6033917	8260	< 1	< 0.8	< 1	< 0.8	< 2	1.1 J	51	< 0.8	30	< 0.8	< 1	82.1
10/19/2010	6116888	8260	< 1	< 0.8	< 1	< 0.8	< 2	< 0.8	37	< 0.8	27	< 0.8	< 1	64
1/26/2011	6192957	8260	< 1	< 0.8	< 1	< 0.8	< 2	< 0.8	44	< 0.8	23	< 0.8	1 J	68
4/14/2011	6259036	8260	< 1	< 0.8	< 1	< 0.8	< 2	0.95 J	47	< 0.8	20	< 0.8	< 1	67.95
7/25/2011	6355559	8260	< 1	< 0.8	1.1 J	< 0.8	< 2	1.1 J	51	< 0.8	28	< 0.8	2 J	83.2
10/10/2011	6433657	8260	< 1	< 0.8	< 1	0.91 J	< 2	1.1 J	53	< 0.8	39	< 0.8	2.4 J	96.41
1/19/2012	6527710	8260	< 1	< 0.8	< 1	< 0.8	< 2	0.92 J	44	< 0.8	21	< 0.8	1.1 J	67.02
4/4/2012	6607028	8260	< 1	< 0.8	1.2 J	< 0.8	< 2	1.4 J	56	< 0.8	40	< 0.8	< 1	98.6
7/19/2012	6728256	8260	< 1	< 0.8	< 1	< 0.8	< 2	0.83 J	45	< 0.8	39	< 0.8	1.1 J	85.93
10/3/2012	6812013	8260	< 1	< 0.8	< 1	< 0.8	< 2	< 0.8	36	< 0.8	27	< 0.8	< 1	63
1/17/2013	6926980	8260	< 1	< 0.8	< 1	< 0.8	< 2	1.1 J	48	< 0.8	24	< 0.8	< 1	73.1
4/9/2013	7016204	8260	< 1	< 0.8	1.4 J	< 0.8	< 2	1.4 J	59	< 0.8	44	< 0.8	< 1	105.8
7/11/2013	7125532	8260	< 1	< 0.8	1.6 J	0.94 J	< 2	1.4 J	60	< 0.8	52	< 0.8	1.9 J	117.84
11/14/2013	7278193	8260	< 1	< 0.8	1.2 J	0.9 J	< 2	< 0.8	60	< 0.8	51	< 0.8	1.9 J	115
1/20/2014	7342594	8260	< 1	< 0.8	< 1	< 0.8	< 2	1.2 J	50	< 0.8	43	< 0.8	1.3 J	95.5
4/14/2014	7430447	8260	< 0.5	< 0.5	0.92 J	0.83 J	< 2	1.4	55	< 0.5	59	< 0.5	1.5	118.65
7/14/2014	7532403	8260	< 0.5	< 0.5	0.7 J	0.62 J	< 2	1.1	46	< 0.5	40	< 0.5	1.2	89.62
10/2/2014	7623660	8260	< 0.5	< 0.5	0.62 J	0.6 J	< 2	1	44	< 0.5	41	< 0.5	0.71 J	87.93
1/6/2015	7731164	8260	< 0.5	< 0.5	< 0.5	< 0.5	< 2	< 0.5	37	< 0.5	30	< 0.5	2	69
4/15/2015	7849422	8260	< 0.5	< 0.5	0.53 J	0.81 J	< 2	0.95 J	43	< 0.5	31	< 0.5	2.4	78.69
7/13/2015	7965573	SW8260C	< 0.5	< 0.5	0.66 J	< 0.5	< 2	0.93 J	41	< 0.5	31	< 0.5	< 0.5	73.59
10/6/2015	8079117	SW8260C	< 0.5	< 0.5	0.55 J	0.53 J	< 2	0.9 J	41	< 0.5	38	< 0.5	< 0.5	80.98
1/6/2016	8197850	SW8260C	< 0.5	< 0.5	0.54 J	0.65 J	< 2	0.67 J	44	< 0.5	27	< 0.5	0.86 J	73.72
12/6/2016	240-73125-8	8260C	< 1.4	< 1.4	0.43 J	0.55 J	< 1.4	0.45 J	36	< 1.4	14	< 1.4	2.5	53.93
4/27/2017	240-78855-9	8260C	< 1.0	< 1.0	0.55 J	0.73 J	< 1.0	0.64 J	35	< 1.0	21	< 1.0	2.9	60.82
11/2/2017	240-87694-17	8260C	< 1.0	< 1.0	0.49 J	0.58 J	< 1.0	0.55 J	33	< 1.0	23	< 1.0	2.5	60.12
4/18/2018	240-94333-4	8260C	< 1.0	< 1.0	0.44 J	0.76 J	< 1.0	0.88 J	28	< 1.0	28	< 1.0	3.5	61.58
9/28/2018	240-102125-15	8260C	< 1.0	< 1.0	0.33 J	0.61 J	< 5.0	0.48 J	25	< 1.0	16	< 1.0	2.1	44.52

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2) Total VOCs have been recalculated and represented as the sum of the detected parameters shown on this table.
3) The method change to 8260 was approved by the NYSDEC and changed in January 2005.

B - The analyte is present in the associated method blank.
D - Result reported from a secondary dilution analysis.
E - Concentration exceeds the calibration range; Result is estimated.
J - Indicates an estimated value.
µg/L - micrograms per liter

Well ID: **B-38M**

Date	Lab Sample ID	Method	Carbon tetrachloride (µg/L)	Chloroform (µg/L)	1,1-Dichloroethane (µg/L)	1,1-Dichloroethene (µg/L)	Methylene chloride (µg/L)	trans-1,2-Dichloroethene (µg/L)	cis-1,2-Dichloroethene (µg/L)	1,1,1-Trichloroethane (µg/L)	Trichloroethene (µg/L)	Tetrachloroethene (µg/L)	Vinyl chloride (µg/L)	Total
4/8/2019	240-110803-3	8260C	< 1.0	< 1.0	0.78 J	0.67 J	< 5.0	0.78 J	34	< 1.0	28	< 1.0	1.9	66.13
11/20/2019	240-122631-8	624.1_L	< 1.0	< 1.0	0.79 J	0.87 J	< 5.0	0.66	31	0.25 J	30	< 1.0	2.1	65.67
3/26/2020	240-128236-7	8260C	< 1.0	< 1.0	0.68 J	0.65 J	< 5.0	0.66 J	29	0.30 J	32	< 1.0	1.4	64.69
10/29/2020	240-139252-8	8260C	< 1.0	< 1.0	0.64 J	1.3	< 5.0	0.60 J	29	< 1.0	25	< 1.0	3.9	60.44
4/19/2021	240-147939-1	8260C	< 1.0	< 1.0	0.76 J	1.3	< 5.0	0.60 J	37	< 1.0	22	< 1.0	3.7	65.36
10/26/2021	240-159076-4	8260C	< 1.0	< 1.0	0.73 J	1	< 5.0	< 1.0	38	< 1.0	22	< 1.0	3.4	65.13
4/12/2022	240-165070-8	8260C	< 1.0	< 1.0	0.64 J	0.53 J	< 5.0	0.60 J	32	< 1.0	32	< 1.0	1.2	66.97
10/17/2022	240-175103-9	8260D	< 1.0	< 1.0	0.49 J	0.95 J	< 5.0	< 1.0	25	< 1.0	17	< 1.0	5.5	48.94
3/21/2023	240-182590-9	8260D	< 1.0	< 1.0	0.86 J	1.1	< 5.0	0.86 J	44	< 1.0	36	< 1.0	2.2	85.02
10/19/2023	240-194049-12	8260D	< 1.0	< 1.0	0.61 J	0.69 J	< 5.0	< 1.0	30	< 1.0	17	< 1.0	2.4	50.7

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3) The method change to 8260 was approved by the NYSDEC and changed in January 2005.

B - The analyte is present in the associated method blank.
D - Result reported from a secondary dilution analysis.
E - Concentration exceeds the calibration range; Result is estimated.
J - Indicates an estimated value.
µg/L - micrograms per liter

MONITORING WELL GROUNDWATER ANALYTICAL RESULT SUMMARY
FORMER CARBORUNDUM COMPANY
SANBORN, NEW YORK

Well ID: **B-39M**

Date	Lab Sample ID	Method	Carbon tetrachloride (µg/L)	Chloroform (µg/L)	1,1-Dichloroethane (µg/L)	1,1-Dichloroethene (µg/L)	Methylene chloride (µg/L)	trans-1,2-Dichloroethene (µg/L)	cis-1,2-Dichloroethene (µg/L)	1,1,1-Trichloroethane (µg/L)	Trichloroethene (µg/L)	Tetrachloroethene (µg/L)	Vinyl chloride (µg/L)	Total
4/25/2000	A0275218	8021	< 1.2	< 1	< 1	< 1	< 2.5	< 1	2.5	< 1	8.7	< 1	< 1.8	11.2
7/17/2000	A0500409	8021	< 1.2	< 1	< 1	< 1	< 2.5	< 1	1.4	< 1	2.2	< 1	< 1.8	3.6
10/18/2000	A0751311	8021	< 1.2	< 1	< 1	< 1	< 2.5	< 1	1	< 1	1.5	< 1	< 1.8	2.5
1/11/2001	A1035106	8021	< 1.2	< 1	< 1	< 1	< 2.5	0.21 J	4.5	< 1	8.7	< 1	< 1.8	13.41
4/19/2001	A1361308	624	< 0.24	< 0.3	< 0.36	< 0.28	< 0.5	< 0.36	< 0.28	< 0.22	0.32	< 0.22	< 0.36	0.32
7/10/2001	A1648711	8021	< 1.2	< 1	< 1	< 1	< 2.5	< 1	0.84 J	< 1	2.6	< 1	< 1.8	3.44
10/18/2001	A1A23312	8021	< 1.6	< 1.6	< 1.6	< 1.6	< 2.5	< 1.6	11	< 1.6	97	< 1.6	< 1.8	108
1/24/2002	A2076707	8021	< 1.6	< 1.6	< 1.6	< 1.6	1.9 J	< 1.6	< 1.6	< 1.6	5.9	< 1.6	< 1.8	7.8
4/15/2002	A2370202	8021	< 1.2	< 1	< 1	< 1	< 2.5	< 1	< 1	< 1	2.4	< 1	< 1.8	2.4
7/16/2002	A2722906	8021	< 1.2	< 1	< 1	< 1	< 2.5	< 1	0.31 J	< 1	2	< 1	< 1.8	2.31
10/8/2002	A2999101	8021	< 1.2	< 1	< 1	< 1	< 2.5	< 1	0.27 J	< 1	2.4	< 1	< 1.8	2.67
1/23/2003	A3075201	8021	< 1.2	< 1	< 1	< 1	< 2.5	< 1	< 1	< 1	1.7	< 1	< 1.8	1.7
4/25/2003	A3389603	8021	< 1.2	< 1	< 1	< 1	< 2.5	< 1	0.61 J	< 1	2.8	< 1	< 1.8	3.41
7/21/2003	A3699404	8021	< 1.2	< 1	< 1	< 1	< 2.5	< 1	1.2	< 1	2.6	< 1	< 1.8	3.8
10/22/2003	A3A21903	8021	< 1.2	< 1	< 1	< 1	< 2.5	< 1	5.4	< 1	7.4	< 1	< 1.8	12.8
1/21/2004	A4053401	8021	< 1.2	< 1	< 1	< 1	< 2.5	< 1	2.3	< 1	8.5	< 1	< 1.8	10.8
4/29/2004	A4402502	8021	< 1.2	< 1	< 1	< 1	< 2.5	< 1	< 1	< 1	3.6	< 1	< 1.8	3.6
7/16/2004	A4674301	8021	< 1.2	< 1	< 1	< 1	< 2.5	< 1	4.9 E	< 1	8.4	< 1	< 1.8	13.3
7/16/2004	A4674301	8260	< 1.2	< 1	< 1	< 1	< 2.5	< 1	4	< 1	10	< 1	< 1.8	14
10/12/2004	A4A09405	8021	< 1	< 1	< 1	< 1	< 1	< 1	4	< 1	8.1	< 1	< 1	12.1
1/12/2005	A5036106	8260	< 1.2	< 1	< 1	< 1	< 2.5	< 1	1.9	< 1	140 E	< 1	< 1.8	141.9
4/26/2005	A5414401	8260	< 1.2	< 1	< 1	< 1	< 2.5	< 1	0.8 J	< 1	4.3	< 1	< 1.8	5.1
7/26/2005	A5791601	8260/5M	< 1.2	< 1	< 1	< 1	< 2.5	< 1	3.3	< 1	8.5	< 1	< 1.8	11.8
10/21/2005	A5B92802	8260	< 1.2	< 1	< 1	< 1	< 2.5	< 1	2	< 1	4.8	< 1	< 1.8	6.8
1/26/2006	A6102406	8260	< 1.2	< 1	< 1	< 1	< 2.5	< 1	2	< 1	7	< 1	< 1.8	9
4/20/2006	6D21003-03	8260	< 1	< 1	< 1	< 1	< 2	< 1	2	< 1	7	< 1	< 2	9
7/18/2006	6G19003-03	8260	< 1	< 1	< 1	< 1	4 B	< 1	7	< 1	7	< 1	< 2	18
10/11/2006	6J12003-06	8260	< 1	< 1	< 1	< 1	< 2	< 1	3	< 1	4	< 1	< 2	7
1/9/2007	7A10006-04	8260	< 1	< 1	< 1	< 1	< 2	< 1	2	< 1	7	< 1	< 2	9
4/17/2007	7D18003-01	8260	< 1	< 1	< 1	< 1	< 2	< 1	2	< 1	5	< 1	< 2	7
7/16/2007	7G17015-07	8260	< 1	< 1	< 1	< 1	< 2	< 1	4	< 1	1	< 1	< 2	5
10/15/2007	7J16003-01	8260	< 1	< 1	< 1	< 1	< 2	< 1	4	< 1	3	< 1	< 2	7
1/14/2008	8A15002-01	8260	< 1	< 1	< 1	< 1	< 2	< 1	4	< 1	14	< 1	< 2	18
4/15/2008	8D16011-02	8260	< 1	< 1	< 1	< 1	5 B	< 1	< 1	< 1	3	< 1	< 2	8
7/24/2008	5424626	8260	< 1	< 0.8	< 1	< 0.8	< 2	< 0.8	0.9 J	< 0.8	4.1 J	< 0.8	< 1	5
10/16/2008	5501559	8260	< 1	< 0.8	< 1	< 0.8	< 2	< 0.8	0.87 J	< 0.8	3 J	< 0.8	< 1	3.87
1/21/2009	5582425	8260	< 1	< 0.8	< 1	< 0.8	< 2	< 0.8	0.86 J	< 0.8	2.5 J	< 0.8	< 1	3.36
4/16/2009	5649168	8260	< 1	< 0.8	< 1	< 0.8	< 2	< 0.8	1.7 J	< 0.8	4.1 J	< 0.8	< 1	5.8
7/7/2009	5718467	8260	< 1	< 0.8	< 1	< 0.8	< 2	< 0.8	1.4 J	< 0.8	3 J	< 0.8	< 1	4.4
10/7/2009	5800391	8260	< 1	< 0.8	< 1	< 0.8	< 2	< 0.8	1 J	< 0.8	2 J	< 0.8	< 1	3
1/25/2010	5892341	8260	< 1	< 0.8	< 1	< 0.8	< 2	< 0.8	2.4 J	< 0.8	5.9	< 0.8	< 1	8.3
4/15/2010	5955535	8260	< 1	< 0.8	< 1	< 0.8	< 2	< 0.8	1.7 J	< 0.8	5.1	< 0.8	< 1	6.8
7/15/2010	6033921	8260	< 1	< 0.8	< 1	< 0.8	< 2	< 0.8	1.9 J	< 0.8	4.4 J	< 0.8	< 1	6.3
10/18/2010	6115531	8260	< 1	< 0.8	< 1	< 0.8	< 2	< 0.8	1.7 J	< 0.8	3.8 J	< 0.8	< 1	5.5
1/24/2011	6190817	8260	< 1	< 0.8	< 1	< 0.8	< 2	< 0.8	1.3 J	< 0.8	3.6 J	< 0.8	< 1	4.9
4/20/2011	6264712	8260	< 1	< 0.8	< 1	< 0.8	< 2	< 0.8	< 0.8	< 0.8	1.8 J	< 0.8	< 1	1.8

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B - The analyte is present in the associated method blank.
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E - Concentration exceeds the calibration range; Result is estimated.
J - Indicates an estimated value.
µg/L - micrograms per liter

Well ID: **B-39M**

Date	Lab Sample ID	Method	Carbon tetrachloride (µg/L)	Chloroform (µg/L)	1,1-Dichloroethane (µg/L)	1,1-Dichloroethene (µg/L)	Methylene chloride (µg/L)	trans-1,2-Dichloroethene (µg/L)	cis-1,2-Dichloroethene (µg/L)	1,1,1-Trichloroethane (µg/L)	Trichloroethene (µg/L)	Tetrachloroethene (µg/L)	Vinyl chloride (µg/L)	Total
7/20/2011	6352281	8260	< 1	< 0.8	< 1	< 0.8	< 2	< 0.8	0.88 J	< 0.8	2.2 J	< 0.8	< 1	3.08
10/11/2011	6434696	8260	< 1	< 0.8	< 1	< 0.8	< 2	< 0.8	0.94 J	< 0.8	2.2 J	< 0.8	< 1	3.14
1/25/2012	6532443	8260	< 1	< 0.8	< 1	< 0.8	< 2	< 0.8	1.1 J	< 0.8	4.8 J	< 0.8	< 1	5.9
4/5/2012	6608278	8260	< 1	< 0.8	< 1	< 0.8	< 2	< 0.8	3.2 J	< 0.8	10	< 0.8	< 1	13.2
7/11/2012	6717363	8260	< 1	< 0.8	< 1	< 0.8	< 2	< 0.8	2.8 J	< 0.8	7.3	< 0.8	< 1	10.1
10/4/2012	6814373	8260	< 1	< 0.8	< 1	< 0.8	< 2	< 0.8	4.8 J	< 0.8	8.7	< 0.8	< 1	13.5
1/24/2013	6934228	8260	< 1	< 0.8	< 1	< 0.8	< 2	< 0.8	2 J	< 0.8	10	< 0.8	< 1	12
4/2/2013	7007573	8260	< 1	< 0.8	< 1	< 0.8	< 2	< 0.8	1.8 J	< 0.8	8	< 0.8	< 1	9.8
7/2/2013	7117041	8260	< 1	< 0.8	< 1	< 0.8	< 2	< 0.8	1.8 J	< 0.8	6.8	< 0.8	< 1	8.6
11/11/2013	7273093	8260	< 1	< 0.8	< 1	< 0.8	< 2	< 0.8	1.7 J	< 0.8	5.3	< 0.8	< 1	7
1/17/2014	7341379	8260	< 1	< 0.8	< 1	< 0.8	< 2	< 0.8	1.6 J	< 0.8	5.2	< 0.8	< 1	6.8
4/22/2014	7439162	8260	< 0.5	< 0.5	< 0.5	< 0.5	< 2	< 0.5	2.6	< 0.5	7.5	< 0.5	< 0.5	10.1
7/11/2014	7531029	8260	< 0.5	< 0.5	< 0.5	< 0.5	< 2	< 0.5	2.7	< 0.5	8.2	< 0.5	< 0.5	10.9
10/3/2014	7625305	8260	< 0.5	< 0.5	< 0.5	< 0.5	< 2	< 0.5	3.3	< 0.5	9.2	< 0.5	< 0.5	12.5
1/6/2015	7731154	8260	< 0.5	5.4	< 0.5	< 0.5	< 2	< 0.5	4.1	< 0.5	22	< 0.5	< 0.5	31.5
4/21/2015	7856505	8260	< 0.5	< 0.5	< 0.5	< 0.5	< 2	< 0.5	1.4	< 0.5	5.9	< 0.5	< 0.5	7.3
7/7/2015	7958389	SW8260C	< 0.5	1.2	< 0.5	< 0.5	< 2	< 0.5	1.5	< 0.5	7	< 0.5	< 0.5	9.7
10/6/2015	8079107	SW8260C	< 0.5	0.95 J	< 0.5	< 0.5	< 2	< 0.5	1.8	< 0.5	7.3	< 0.5	< 0.5	10.05
1/5/2016	8197704	SW8260C	< 0.5	< 0.5	< 0.5	< 0.5	< 2	< 0.5	2.1	< 0.5	7.9	< 0.5	< 0.5	10
12/8/2016	240-73270-14	8260C	< 1.4	< 1.4	< 1.4	< 1.4	< 1.4	0.72 J	10	< 1.4	38	< 1.4	< 1.4	48.72
4/28/2017	240-78929-6	8260C	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	1.1	< 1.0	4.2	< 1.0	< 1.0	5.3
4/16/2018	240-94331-7	8260C	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	1	< 1.0	3.6	< 1.0	< 1.0	4.6
4/10/2019	240-110803-20	8260C	< 1.0	< 1.0	< 1.0	< 1.0	< 5.0	< 1.0	1.1	< 1.0	3.3	< 1.0	< 1.0	4.4
3/27/2020	240-128359-5	8260C	< 1	< 1	< 1.0	< 1.0	< 5	< 1.0	0.75 J	< 1.0	2.3	< 1.0	< 1.0	3.05
4/26/2021	240-148317-3	8260C	< 1.0	< 1.0	< 1.0	< 1.0	< 5.0	< 1.0	2.5	< 1.0	7.8	< 1.0	< 1.0	10.3
4/15/2022	240-165253-4	8260C	< 1.0	< 1.0	< 1.0	< 1.0	< 5.0	< 1.0	0.89 J	< 1.0	3.1	< 1.0	< 1.0	3.99
3/23/2023	240-182590-31	8260D	< 1.0	< 1.0	< 1.0	< 1.0	< 5.0	< 1.0	1.4	< 1.0	5.2	< 1.0	< 1.0	6.6

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B - The analyte is present in the associated method blank.
D - Result reported from a secondary dilution analysis.
E - Concentration exceeds the calibration range; Result is estimated.
J - Indicates an estimated value.
µg/L - micrograms per liter

MONITORING WELL GROUNDWATER ANALYTICAL RESULT SUMMARY
FORMER CARBORUNDUM COMPANY
SANBORN, NEW YORK

Well ID: **B-40M**

Date	Lab Sample ID	Method	Carbon tetrachloride (µg/L)	Chloroform (µg/L)	1,1-Dichloroethane (µg/L)	1,1-Dichloroethene (µg/L)	Methylene chloride (µg/L)	trans-1,2-Dichloroethene (µg/L)	cis-1,2-Dichloroethene (µg/L)	1,1,1-Trichloroethane (µg/L)	Trichloroethene (µg/L)	Tetrachloroethene (µg/L)	Vinyl chloride (µg/L)	Total
4/25/2000	A0275217	8021	< 1.2	0.53 J	< 1	< 1	< 2.5	1.3	6.4	< 1	4.1	< 1	1.4 J	13.73
7/17/2000	A0500408	8021	< 1.2	< 1	< 1	< 1	< 2.5	0.43 J	4	< 1	< 1.2	< 1	0.41 J	4.84
10/18/2000	A0751313	8021	< 1.2	< 1	< 1	< 1	< 2.5	< 1	3.4	< 1	< 1.2	< 1	< 1.8	3.4
1/11/2001	A1035107	8021	< 1.2	< 1	< 1	< 1	< 2.5	1.1	5.6	< 1	< 1.2	< 1	1.5 J	8.2
4/19/2001	A1361306	624	< 0.24	< 0.3	< 0.36	< 0.28	< 0.5	< 0.36	0.97	< 0.22	< 0.24	< 0.22	< 0.36	0.97
7/10/2001	A1648710	8021	< 1.2	< 1	< 1	< 1	< 2.5	0.26 J	3.2	< 1	< 1.2	< 1	0.28 J	3.74
10/18/2001	A1A23311	8021	< 1.2	< 1	< 1	< 1	< 2.5	< 1	3.3	< 1	41	< 1	< 1.8	44.3
1/22/2002	A2066012	8021	< 1.2	< 1	< 1	< 1	< 2.5	< 1	5.1	< 1	< 1.2	< 1	1.4 J	6.5
4/12/2002	A2351801	8021	< 1.2	< 1	< 1	< 1	< 2.5	0.6 J	6	< 1	< 1.2	< 1	0.87 J	7.47
7/12/2002	A2713907	8021	< 1.2	< 1	< 1	< 1	< 2.5	< 1	5	< 1	< 1.2	< 1	< 1.8	5
10/8/2002	A2999308	8021	< 1.2	< 1	< 1	< 1	< 2.5	0.7 J	6.9	< 1	0.58 J	< 1	1 J	9.18
1/20/2003	A3060804	8021	< 1.2	< 1	< 1	< 1	< 2.5	0.43 J	4.5	< 1	0.29 J	< 1	0.75 J	5.97
4/25/2003	A3389401	8021	< 1.2	< 1	< 1	< 1	< 2.5	0.48 J	4.4	< 1	< 1.2	< 1	0.58 J	5.46
7/17/2003	A3683703	8021	< 1.2	< 1	< 1	< 1	< 2.5	0.38 J	3.8	< 1	< 1.2	< 1	0.22 J	4.4
10/17/2003	A3A09004	8021	< 1.2	< 1	< 1	< 1	< 2.5	< 1	3.4	< 1	< 1.2	< 1	< 1.8	3.4
1/20/2004	A4053202	8021	< 1.2	< 1	< 1	< 1	< 2.5	< 1	3.1	< 1	< 1.2	< 1	< 1.8	3.1
4/29/2004	A4402401	8021	< 1.2	< 1	< 1	< 1	< 2.5	< 1	2.1	< 1	< 1.2	< 1	< 1.8	2.1
7/16/2004	A4674201	8021	< 1.2	< 1	< 1	< 1	< 2.5	< 1	3 E	< 1	< 1.2	< 1	< 1.8	3
7/16/2004	A4674201	8260	< 1.2	< 1	< 1	< 1	< 2.5	0.58 J	2.9	< 1	< 1.2	< 1	< 1.8	3.48
10/12/2004	A4A09702	8021	< 1	< 1	< 1	< 1	< 1	0.53 J	6.1	< 1	< 1	< 1	< 1	6.63
1/12/2005	A5036203	8260	< 1.2	< 1	< 1	< 1	< 2.5	0.62 J	4.8	< 1	0.38 J	< 1	< 1.8	5.8
4/26/2005	A5414301	8260	< 1.2	< 1	< 1	< 1	< 2.5	0.6 J	4.3	< 1	0.3 J	< 1	< 1.8	5.2
7/26/2005	A5791602	8260/5M	< 1.2	< 1	< 1	< 1	< 2.5	< 1	2.1	< 1	< 1.2	< 1	< 1.8	2.1
10/21/2005	A5B92602	8260	< 1.2	< 1	< 1	< 1	< 2.5	0.73 J	4.8	< 1	0.91 J	< 1	< 1.8	6.44
1/27/2006	A6102501	8260	< 1.2	< 1	< 1	< 1	< 2.5	0.64 J	5.4	< 1	1.6	< 1	< 1.8	7.64
4/20/2006	6D21003-04	8260	< 1	< 1	< 1	< 1	< 2	< 1	3	< 1	< 1	< 1	< 2	3
7/18/2006	6G19003-04	8260	< 1	< 1	< 1	< 1	5 B	< 1	4	< 1	1	< 1	< 2	10
10/11/2006	6J12003-05	8260	< 1	< 1	< 1	< 1	< 2	< 1	5	< 1	2	< 1	< 2	7
1/5/2007	7A05012-04	8260	< 1	< 1	< 1	< 1	3 B	< 1	6	< 1	3	< 1	< 2	12
4/17/2007	7D18003-02	8260	< 1	< 1	< 1	< 1	< 2	< 1	4	< 1	2	< 1	< 2	6
7/16/2007	7G17015-10	8260	< 1	< 1	< 1	< 1	< 2	< 1	3	< 1	< 1	< 1	< 2	3
10/15/2007	7J16003-02	8260	< 1	< 1	< 1	< 1	< 2	< 1	4	< 1	2	< 1	< 2	6
1/9/2008	8A10002-06	8260	< 1	< 1	< 1	< 1	< 2	< 1	4	< 1	2	< 1	< 2	6
4/15/2008	8D16011-03	8260	< 1	< 1	< 1	< 1	4 B	< 1	4	< 1	3	< 1	< 2	11
7/23/2008	5423261	8260	< 1	< 0.8	< 1	< 0.8	< 2	< 0.8	3.1 J	< 0.8	1.6 J	< 0.8	< 1	4.7
10/16/2008	5501558	8260	< 1	< 0.8	< 1	< 0.8	< 2	< 0.8	6.1	< 0.8	3.2 J	< 0.8	< 1	9.3
1/21/2009	5582426	8260	< 1	< 0.8	< 1	< 0.8	< 2	< 0.8	5.9	< 0.8	2.9 J	< 0.8	< 1	8.8
4/16/2009	5649167	8260	< 1	< 0.8	< 1	< 0.8	< 2	< 0.8	3.9 J	< 0.8	2.5 J	< 0.8	< 1	6.4
7/7/2009	5718466	8260	< 1	< 0.8	< 1	< 0.8	< 2	< 0.8	2.7 J	< 0.8	1.7 J	< 0.8	< 1	4.4
10/7/2009	5800392	8260	< 1	< 0.8	< 1	< 0.8	< 2	< 0.8	2.8 J	< 0.8	1.6 J	< 0.8	< 1	4.4
1/25/2010	5892342	8260	< 1	< 0.8	< 1	< 0.8	< 2	< 0.8	4.1 J	< 0.8	2.6 J	< 0.8	< 1	6.7
4/15/2010	5955536	8260	< 1	< 0.8	< 1	< 0.8	< 2	< 0.8	3.9 J	< 0.8	2.7 J	< 0.8	< 1	6.6
7/19/2010	6036148	8260	< 1	< 0.8	< 1	< 0.8	< 2	< 0.8	3.7 J	< 0.8	2.5 J	< 0.8	< 1	6.2
10/18/2010	6115534	8260	< 1	< 0.8	< 1	< 0.8	< 2	< 0.8	4.4 J	< 0.8	2 J	< 0.8	< 1	6.4
1/24/2011	6190816	8260	< 1	< 0.8	< 1	< 0.8	< 2	< 0.8	6.6	< 0.8	4.2 J	< 0.8	< 1	10.8
4/20/2011	6264714	8260	< 1	< 0.8	< 1	< 0.8	< 2	< 0.8	2.8 J	< 0.8	1.7 J	< 0.8	< 1	4.5

< - Indicates parameter was analyzed for, but not detected at or above the reporting limit
To Address the NYSDEC concerns regarding the presentation and plotting of non-detected values, the data for 2001 to 2004 has been reevaluated and interpreted as follows:
1) Non-detected concentrations have been represented as '<' for reporting purposes.
2) Total VOCs have been recalculated and represented as the sum of the detected parameters shown on this table.
3) The method change to 8260 was approved by the NYSDEC and changed in January 2005.

B - The analyte is present in the associated method blank.
D - Result reported from a secondary dilution analysis.
E - Concentration exceeds the calibration range; Result is estimated.
J - Indicates an estimated value.
µg/L - micrograms per liter

Well ID: **B-40M**

Date	Lab Sample ID	Method	Carbon tetrachloride (µg/L)	Chloroform (µg/L)	1,1-Dichloroethane (µg/L)	1,1-Dichloroethene (µg/L)	Methylene chloride (µg/L)	trans-1,2-Dichloroethene (µg/L)	cis-1,2-Dichloroethene (µg/L)	1,1,1-Trichloroethane (µg/L)	Trichloroethene (µg/L)	Tetrachloroethene (µg/L)	Vinyl chloride (µg/L)	Total
7/20/2011	6352282	8260	< 1	< 0.8	< 1	< 0.8	< 2	< 0.8	3.4 J	< 0.8	2 J	< 0.8	< 1	5.4
10/11/2011	6434699	8260	< 1	< 0.8	< 1	< 0.8	< 2	0.91 J	4.7 J	< 0.8	2.1 J	< 0.8	< 1	7.71
1/18/2012	6526477	8260	< 1	< 0.8	< 1	< 0.8	< 2	< 0.8	4.2 J	< 0.8	1.8 J	< 0.8	< 1	6
4/5/2012	6608277	8260	< 1	< 0.8	< 1	< 0.8	< 2	< 0.8	3.8 J	< 0.8	6.1	< 0.8	< 1	9.9
7/11/2012	6717361	8260	< 1	< 0.8	< 1	< 0.8	< 2	< 0.8	2.6 J	< 0.8	2.1 J	< 0.8	< 1	4.7
10/4/2012	6814370	8260	< 1	< 0.8	< 1	< 0.8	< 2	< 0.8	3.6 J	< 0.8	2.4 J	< 0.8	< 1	6
1/24/2013	6934227	8260	< 1	< 0.8	< 1	< 0.8	< 2	< 0.8	3.3 J	< 0.8	2.2 J	< 0.8	< 1	5.5
4/2/2013	7007574	8260	< 1	< 0.8	< 1	< 0.8	< 2	< 0.8	2.6 J	< 0.8	1.6 J	< 0.8	< 1	4.2
7/2/2013	7117040	8260	< 1	< 0.8	< 1	< 0.8	< 2	< 0.8	2.6 J	< 0.8	2.6 J	< 0.8	< 1	5.2
11/11/2013	7273092	8260	< 1	< 0.8	< 1	< 0.8	< 2	< 0.8	4.8 J	< 0.8	4.5 J	< 0.8	< 1	9.3
1/17/2014	7341381	8260	< 1	< 0.8	< 1	< 0.8	< 2	< 0.8	3.4 J	< 0.8	3.2 J	< 0.8	< 1	6.6
4/22/2014	7439161	8260	< 0.5	< 0.5	< 0.5	< 0.5	< 2	< 0.5	2.2	< 0.5	1.4	< 0.5	< 0.5	3.6
7/11/2014	7531030	8260	< 0.5	< 0.5	< 0.5	< 0.5	< 2	0.88 J	5.6	< 0.5	6.9	< 0.5	< 0.5	13.38
10/3/2014	7625302	8260	< 0.5	< 0.5	< 0.5	< 0.5	< 2	0.66 J	4.8	< 0.5	5.1	< 0.5	< 0.5	10.56
1/6/2015	7731155	8260	< 0.5	< 0.5	< 0.5	< 0.5	< 2	0.58 J	4.6	< 0.5	6.6	< 0.5	< 0.5	11.78
4/21/2015	7856504	8260	< 0.5	< 0.5	< 0.5	< 0.5	< 2	< 0.5	3	< 0.5	1.9	< 0.5	< 0.5	4.9
7/7/2015	7958386	SW8260C	< 0.5	< 0.5	< 0.5	< 0.5	< 2	< 0.5	1.9	< 0.5	3.2	< 0.5	< 0.5	5.1
10/6/2015	8079108	SW8260C	< 0.5	< 0.5	< 0.5	< 0.5	< 2	0.74 J	5.2	< 0.5	5.8	< 0.5	< 0.5	11.74
1/5/2016	8197705	SW8260C	< 0.5	< 0.5	< 0.5	< 0.5	< 2	0.8 J	6	< 0.5	5.9	< 0.5	< 0.5	12.7
12/8/2016	240-73270-13	8260C	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	0.77 J	5.6	< 1.0	5.4	< 1.0	< 1.0	11.77
5/1/2017	240-78974-1	8260C	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	0.68 J	4.9	< 1.0	5	< 1.0	< 1.0	10.58
4/16/2018	240-94331-8	8260C	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	0.72 J	5.5	< 1.0	6.5	< 1.0	< 1.0	12.72
4/10/2019	240-110803-19	8260C	< 1.0	< 1.0	< 1.0	< 1.0	< 5.0	< 1.0	0.75 J	< 1.0	0.69 J	< 1.0	< 1.0	1.44
3/31/2020	240-128375-11	8260C	< 1	< 1	< 1.0	< 1.0	< 5	0.70 J	5.4	< 1.0	6.4	< 1.0	< 1.0	12.5
4/26/2021	240-148317-4	8260C	< 1.0	< 1.0	< 1.0	< 1.0	< 5.0	< 1.0	0.84 J	< 1.0	0.57 J	< 1.0	< 1.0	1.41
4/15/2022	240-165253-1	8260C	< 1.0	< 1.0	< 1.0	< 1.0	< 5.0	0.56 J	4.2	< 1.0	5.4	< 1.0	< 1.0	10.16
3/23/2023	240-182590-39	8260D	< 1.0	< 1.0	< 1.0	< 1.0	< 5.0	0.61 J	4.5	< 1.0	4.5	< 1.0	< 1.0	9.61

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To Address the NYSDEC concerns regarding the presentation and plotting of non-detected values, the data for 2001 to 2004 has been reevaluated and interpreted as follows:

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2) Total VOCs have been recalculated and represented as the sum of the detected parameters shown on this table.
3) The method change to 8260 was approved by the NYSDEC and changed in January 2005.

B - The analyte is present in the associated method blank.
D - Result reported from a secondary dilution analysis.
E - Concentration exceeds the calibration range; Result is estimated.
J - Indicates an estimated value.
µg/L - micrograms per liter

MONITORING WELL GROUNDWATER ANALYTICAL RESULT SUMMARY
FORMER CARBORUNDUM COMPANY
SANBORN, NEW YORK

Well ID: **B-41M**

Date	Lab Sample ID	Method	Carbon tetrachloride (µg/L)	Chloroform (µg/L)	1,1-Dichloroethane (µg/L)	1,1-Dichloroethene (µg/L)	Methylene chloride (µg/L)	trans-1,2-Dichloroethene (µg/L)	cis-1,2-Dichloroethene (µg/L)	1,1,1-Trichloroethane (µg/L)	Trichloroethene (µg/L)	Tetrachloroethene (µg/L)	Vinyl chloride (µg/L)	Total
4/25/2000	A0275216	8021	< 1.2	< 1	< 1	< 1	< 2.5	1.6	3.7	< 1	< 1.2	< 1	< 1.8	5.3
7/17/2000	A0500406	8021	< 1.2	< 1	< 1	< 1	< 2.5	1	3.4	< 1	4.6	< 1	< 1.8	9
10/18/2000	A0751306	8021	< 1.2	< 1	< 1	< 1	< 2.5	0.5 J	2.1	< 1	0.93 J	< 1	< 1.8	3.53
1/12/2001	A1035108	8021	< 1.2	< 1	< 1	< 1	< 2.5	1.3	3.1	< 1	0.37 J	< 1	< 1.8	4.77
4/19/2001	A1361312	624	< 0.24	< 0.3	< 0.36	< 0.28	< 0.5	< 0.36	0.45	< 0.22	< 0.24	< 0.22	< 0.36	0.45
7/10/2001	A1648709	8021	< 1.2	< 1	< 1	< 1	< 2.5	0.55 J	1.6	< 1	0.38 J	< 1	< 1.8	2.53
10/18/2001	A1A23308	8021	< 2	< 2	< 2	< 2	< 2.5	< 2	< 2	< 2	100	< 2	< 2	100
1/23/2002	A2076802	8021	< 1.2	< 1	< 1	< 1	3.5	< 1	< 1	< 1	< 1.2	< 1	< 1.8	3.5
4/15/2002	A2370101	8021	< 1.2	< 1	< 1	< 1	< 2.5	< 1	1.8	< 1	1 J	< 1	< 1.8	2.8
7/15/2002	A2723101	8021	< 1.2	< 1	< 1	< 1	< 2.5	< 1	1.2	< 1	0.47 J	< 1	< 1.8	1.67
10/8/2002	A2999207	8021	< 1.2	< 1	< 1	< 1	< 2.5	0.38 J	1.4	< 1	0.84 J	< 1	< 1.8	2.62
1/21/2003	A3069004	8021	< 1.2	< 1	< 1	< 1	< 2.5	0.44 J	1.5	< 1	0.81 J	< 1	< 1.8	2.75
4/28/2003	A3399801	8021	< 1.2	< 1	< 1	< 1	< 2.5	0.57 J	2.3	< 1	< 1.2	< 1	< 1.8	2.87
7/17/2003	A3683705	8021	< 1.2	< 1	< 1	< 1	< 2.5	0.52 J	2.3	< 1	0.65 J	< 1	< 1.8	3.47
10/17/2003	A3A09005	8021	< 1.2	< 1	< 1	< 1	< 2.5	< 1	2.7	< 1	< 1.2	< 1	< 1.8	2.7
1/21/2004	A4053204	8021	< 1.2	< 1	< 1	< 1	< 2.5	< 1	2.4	< 1	< 1.2	< 1	< 1.8	2.4
4/30/2004	A4402402	8021	< 1.2	< 1	< 1	< 1	< 2.5	1.2	3.1	< 1	< 1.2	< 1	< 1.8	4.3
7/16/2004	A4674202	8021	< 1.2	< 1	< 1	< 1	< 2.5	1.1 E	2.6 E	< 1	< 1.2	< 1	< 1.8	3.7
7/16/2004	A4674202	8260	< 1.2	< 1	< 1	< 1	< 2.5	0.9 J	2.3	< 1	0.3 J	< 1	< 1.8	3.5
10/12/2004	A4A09701	8021	< 1	< 1	< 1	< 1	< 1	1.3	6.7	< 1	< 1	< 1	< 1	8
1/18/2005	A5051003	8260	< 1.2	< 1	< 1	< 1	< 2.5	0.75 J	2	< 1	0.38 J	< 1	< 1.8	3.13
4/26/2005	A5414302	8260	< 1.2	< 1	< 1	< 1	< 2.5	1.3	3.8	< 1	< 1.2	< 1	< 1.8	5.1
7/26/2005	A5791603	8260/5M	< 1.2	< 1	< 1	< 1	< 2.5	1.2	2.9	< 1	< 1.2	< 1	< 1.8	4.1
10/21/2005	A5B92603	8260	< 1.2	< 1	< 1	< 1	< 2.5	1	4.3	< 1	< 1.2	< 1	0.99 J	6.29
1/27/2006	A6102502	8260	< 1.2	< 1	< 1	< 1	< 2.5	0.62 J	3.1	< 1	< 1.2	< 1	< 1.8	3.72
4/21/2006	6D21017-03	8260	< 1	< 1	< 1	< 1	< 2	< 1	4	< 1	< 1	< 1	< 2	4
7/18/2006	6G19003-02	8260	< 1	< 1	< 1	< 1	4 B	< 1	5	< 1	< 1	< 1	< 2	9
10/12/2006	6J16007-01	8260	< 1	< 1	< 1	< 1	< 2	< 1	3	< 1	< 1	< 1	< 2	3
1/9/2007	7A10006-07	8260	< 1	< 1	< 1	< 1	< 2	< 1	4	< 1	1	< 1	< 2	5
4/17/2007	7D18003-03	8260	< 1	< 1	< 1	< 1	< 2	< 1	5	< 1	< 1	< 1	< 2	5
7/16/2007	7G17015-09	8260	< 1	< 1	< 1	< 1	< 2	< 1	4	< 1	< 1	< 1	< 2	4
10/15/2007	7J16003-03	8260	< 1	< 1	< 1	< 1	< 2	< 1	3	< 1	< 1	< 1	< 2	3
1/9/2008	8A10002-05	8260	< 1	< 1	< 1	< 1	< 2	< 1	3	< 1	< 1	< 1	< 2	3
4/16/2008	8D16026-01	8260	< 1	< 1	< 1	< 1	4 B	< 1	5	< 1	< 1	< 1	< 2	9
7/16/2008	5417443	8260	< 1	< 0.8	< 1	< 0.8	< 2	< 0.8	2.5 J	< 0.8	< 1	< 0.8	< 1	2.5
10/16/2008	5501557	8260	< 1	< 0.8	< 1	< 0.8	< 2	< 0.8	4.6 J	< 0.8	< 1	< 0.8	< 1	4.6
1/21/2009	5582427	8260	< 1	< 0.8	< 1	< 0.8	< 2	< 0.8	5.9	< 0.8	< 1	< 0.8	1.5 J	7.4
4/16/2009	5649169	8260	< 1	< 0.8	< 1	< 0.8	< 2	< 0.8	6.8	< 0.8	< 1	< 0.8	1.4 J	8.2
7/7/2009	5718464	8260	< 1	< 0.8	< 1	< 0.8	< 2	< 0.8	4.3 J	< 0.8	< 1	< 0.8	< 1	4.3
10/7/2009	5800393	8260	< 1	< 0.8	< 1	< 0.8	< 2	< 0.8	3.3 J	< 0.8	< 1	< 0.8	< 1	3.3
1/25/2010	5892343	8260	< 1	< 0.8	< 1	< 0.8	< 2	< 0.8	5.4	< 0.8	< 1	< 0.8	< 1	5.4
4/15/2010	5955537	8260	< 1	< 0.8	< 1	< 0.8	< 2	< 0.8	6	< 0.8	< 1	< 0.8	1.8 J	7.8
7/19/2010	6036149	8260	< 1	< 0.8	< 1	< 0.8	< 2	< 0.8	4.1 J	< 0.8	< 1	< 0.8	< 1	4.1
10/18/2010	6115535	8260	< 1	< 0.8	< 1	< 0.8	< 2	< 0.8	3.1 J	< 0.8	< 1	< 0.8	< 1	3.1
1/24/2011	6190821	8260	< 1	< 0.8	< 1	< 0.8	< 2	< 0.8	3.8 J	< 0.8	< 1	< 0.8	< 1	3.8
4/20/2011	6264717	8260	< 1	< 0.8	< 1	< 0.8	< 2	< 0.8	7.4	< 0.8	< 1	< 0.8	2.9 J	10.3

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To Address the NYSDEC concerns regarding the presentation and plotting of non-detected values, the data for 2001 to 2004 has been reevaluated and interpreted as follows:
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2) Total VOCs have been recalculated and represented as the sum of the detected parameters shown on this table.
3) The method change to 8260 was approved by the NYSDEC and changed in January 2005.

B - The analyte is present in the associated method blank.
D - Result reported from a secondary dilution analysis.
E - Concentration exceeds the calibration range; Result is estimated.
J - Indicates an estimated value.
µg/L - micrograms per liter

Well ID: **B-41M**

Date	Lab Sample ID	Method	Carbon tetrachloride (µg/L)	Chloroform (µg/L)	1,1-Dichloroethane (µg/L)	1,1-Dichloroethene (µg/L)	Methylene chloride (µg/L)	trans-1,2-Dichloroethene (µg/L)	cis-1,2-Dichloroethene (µg/L)	1,1,1-Trichloroethane (µg/L)	Trichloroethene (µg/L)	Tetrachloroethene (µg/L)	Vinyl chloride (µg/L)	Total
7/20/2011	6352283	8260	< 1	< 0.8	< 1	< 0.8	< 2	< 0.8	4.9 J	< 0.8	< 1	< 0.8	< 1	4.9
10/11/2011	6434700	8260	< 1	< 0.8	< 1	< 0.8	< 2	< 0.8	4.4 J	< 0.8	< 1	< 0.8	< 1	4.4
1/18/2012	6526476	8260	< 1	< 0.8	< 1	< 0.8	< 2	< 0.8	6.2	< 0.8	5.8	< 0.8	< 1	12
4/5/2012	6608276	8260	< 1	< 0.8	< 1	< 0.8	< 2	< 0.8	7.9	< 0.8	10	< 0.8	< 1	17.9
7/11/2012	6717360	8260	< 1	< 0.8	< 1	< 0.8	< 2	< 0.8	5.8	< 0.8	< 1	< 0.8	< 1	5.8
10/4/2012	6814365	8260	< 1	< 0.8	< 1	< 0.8	< 2	< 0.8	4.6 J	< 0.8	< 1	< 0.8	< 1	4.6
1/24/2013	6934226	8260	< 1	< 0.8	< 1	< 0.8	< 2	< 0.8	7.8	< 0.8	< 1	< 0.8	< 1	7.8
4/2/2013	7007575	8260	< 1	< 0.8	< 1	< 0.8	< 2	< 0.8	6.8	< 0.8	< 1	< 0.8	< 1	6.8
7/2/2013	7117037	8260	< 1	< 0.8	< 1	< 0.8	< 2	< 0.8	5.7	< 0.8	< 1	< 0.8	< 1	5.7
11/14/2013	7278189	8260	< 1	< 0.8	< 1	< 0.8	< 2	< 0.8	7.2	< 0.8	< 1	< 0.8	2.5 J	9.7
1/17/2014	7341382	8260	< 1	< 0.8	< 1	< 0.8	< 2	< 0.8	6.5	< 0.8	< 1	< 0.8	< 1	6.5
4/22/2014	7439160	8260	< 0.5	< 0.5	< 0.5	< 0.5	< 2	< 0.5	7.9	< 0.5	< 0.5	< 0.5	0.84 J	8.74
7/11/2014	7531032	8260	< 0.5	< 0.5	< 0.5	< 0.5	< 2	< 0.5	5.4	< 0.5	< 0.5	< 0.5	< 0.5	5.4
10/3/2014	7625301	8260	< 0.5	< 0.5	< 0.5	< 0.5	< 2	< 0.5	4.6	< 0.5	< 0.5	< 0.5	< 0.5	4.6
1/6/2015	7731158	8260	< 0.5	< 0.5	< 0.5	< 0.5	< 2	< 0.5	9.8	< 0.5	54	< 0.5	0.7 J	64.5
4/21/2015	7856503	8260	< 0.5	< 0.5	< 0.5	< 0.5	< 2	< 0.5	8.2	< 0.5	0.98 J	< 0.5	< 0.5	9.18
7/7/2015	7958385	SW8260C	< 0.5	< 0.5	< 0.5	< 0.5	< 2	< 0.5	5.8	< 0.5	0.78 J	< 0.5	< 0.5	6.58
10/6/2015	8079109	SW8260C	< 0.5	< 0.5	< 0.5	< 0.5	< 2	< 0.5	6.1	< 0.5	< 0.5	< 0.5	1.1	7.2
1/5/2016	8197706	SW8260C	< 0.5	< 0.5	< 0.5	< 0.5	< 2	< 0.5	6.4	< 0.5	< 0.5	< 0.5	2.8	9.2
12/8/2016	240-73270-9	8260C	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	7.5	< 1.0	< 1.0	< 1.0	4.4	11.9
4/28/2017	240-78929-4	8260C	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	8.7	< 1.0	< 1.0	< 1.0	2.9	11.6
4/16/2018	240-94331-9	8260C	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	0.34 J	8.4	< 1.0	1.2	< 1.0	0.99 J	10.93
4/10/2019	240-110803-18	8260C	< 1.0	< 1.0	< 1.0	< 1.0	< 5.0	< 1.0	7.8	< 1.0	0.90 J	< 1.0	1	9.7
3/27/2020	240-128359-6	8260C	< 1	< 1	< 1.0	< 1.0	< 5	< 1.0	6.3	< 1.0	< 1.0	< 1.0	0.92 J	7.22
4/26/2021	240-148317-5	8260C	< 1.0	< 1.0	< 1.0	< 1.0	< 5.0	< 1.0	4.3	< 1.0	0.37 J	< 1.0	< 1.0	4.67
4/15/2022	240-165253-2	8260C	< 1.0	< 1.0	< 1.0	< 1.0	< 5.0	< 1.0	9.3	< 1.0	< 1.0	< 1.0	3	12.3
3/23/2023	240-182590-41	8260D	< 1.0	< 1.0	< 1.0	< 1.0	< 5.0	< 1.0	9.5	< 1.0	< 1.0	< 1.0	3.5	13

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D - Result reported from a secondary dilution analysis.
E - Concentration exceeds the calibration range; Result is estimated.
J - Indicates an estimated value.
µg/L - micrograms per liter

MONITORING WELL GROUNDWATER ANALYTICAL RESULT SUMMARY
FORMER CARBORUNDUM COMPANY
SANBORN, NEW YORK

Well ID: **B-42M**

Date	Lab Sample ID	Method	Carbon tetrachloride (µg/L)	Chloroform (µg/L)	1,1-Dichloroethane (µg/L)	1,1-Dichloroethene (µg/L)	Methylene chloride (µg/L)	trans-1,2-Dichloroethene (µg/L)	cis-1,2-Dichloroethene (µg/L)	1,1,1-Trichloroethane (µg/L)	Trichloroethene (µg/L)	Tetrachloroethene (µg/L)	Vinyl chloride (µg/L)	Total
10/15/1999		8260	< 1.2	< 1	< 1	< 1	1.4 J	2.1	91	< 1	58	< 1	< 1.8	152.5
1/12/2000	A0026403	8021	< 1.2	< 1	< 1	< 1	0.57 J	0.88 J	32	< 1	23	< 1	< 1.8	56.45
4/18/2000	A0259410	8021	< 1.2	< 1	< 1	< 1	< 2.5	1.3	22	< 1	14	< 1	< 1.8	37.3
7/20/2000	A0508910	8021	< 1.2	< 1	< 1	< 1	< 2.5	< 1	120	< 1	66	< 1	4.9	190.9
10/20/2000	A0754605	8021	< 1.2	< 1	< 1	< 1	1.3 BJ	< 1	99	< 1	54	< 1	4.5	158.8
1/12/2001	A1035114	8021	< 1.2	< 1	< 1	< 1	2.1 J	1.2	51	< 1	23	< 1	< 1.8	77.3
4/20/2001	A1366404	624	< 1.2	< 1.5	< 1.8	< 1.4	< 2.5	< 1.8	39	< 1.1	380 D	< 1.1	< 1.8	419
7/11/2001	A1648704	8021	< 1.2	< 1	0.27 J	< 1	< 2.5	1.4	45	< 1	14	< 1	9.4	70.07
10/17/2001	A1A23307	8021	< 1.2	< 1	< 1	< 1	< 2.5	0.4 J	12	< 1	3	< 1	< 1.8	15.4
11/12/2001	A1B23801	8021	< 1.2	< 1	< 1	< 1	< 2.5	0.56 J	8	< 1	4	< 1	< 1.8	12.56
1/24/2002	A2076710	8021	< 1.2	< 1	< 1	< 1	< 2.5	0.5 J	8.2	< 1	4.8	< 1	0.44 J	13.94
4/18/2002	A2378803	8021	< 1.2	< 1	< 1	< 1	< 2.5	0.43 J	4.2	< 1	4.1	< 1	< 1.8	8.73
7/16/2002	A2722908	8021	< 1.2	< 1	< 1	< 1	< 2.5	0.6 J	8.2	< 1	3.9	< 1	< 1.8	12.7
10/11/2002	A2A14401	8021	< 1.2	< 1	< 1	< 1	< 2.5	1.5	16	< 1	6	< 1	< 1.8	23.5
1/23/2003	A3075204	8021	< 1.2	< 1	< 1	< 1	< 2.5	< 1	8.9	< 1	12	< 1	< 1.8	20.9
4/23/2003	A3376302	8021	< 1.2	< 1	< 1	< 1	< 2.5	1.2	12	< 1	6.9	< 1	0.67 J	20.77
7/22/2003	A3699405	8021	< 1.2	< 1	< 1	< 1	< 2.5	1	15	< 1	5.2	< 1	< 1.8	21.2
10/22/2003	A3A28303	8021	< 1.2	< 1	< 1	< 1	< 2.5	2	28	< 1	8.2	< 1	1.4 J	39.6
1/21/2004	A4053402	8021	< 1.2	< 1	< 1	< 1	< 2.5	< 1	11	< 1	6.9	< 1	< 1.8	17.9
4/28/2004	A4387603	8021	< 1.2	< 1	< 1	< 1	< 2.5	1.1	10	< 1	4.9	< 1	< 1.8	16
7/9/2004	A4647101	8021	< 1.2	< 1	< 1	< 1	< 2.5	1	8.5	< 1	4.3	< 1	< 1.8	13.8
10/8/2004	A4994202	8021	< 1	< 1	< 1	< 1	< 5	< 1	6.2	< 1	3.5	< 1	< 1	9.7
1/18/2005	A5051101	8260	< 1.2	< 1	< 1	< 1	< 2.5	0.34 J	2.6	< 1	2.6	< 1	< 1.8	5.54
4/26/2005	A5414403	8260	< 1.2	< 1	< 1	< 1	< 2.5	0.43 J	5.1	< 1	3.6	< 1	< 1.8	9.13
7/26/2005	A5791701	8260/5M	< 1.2	< 1	< 1	< 1	< 2.5	1	8.2	< 1	3.9	< 1	< 1.8	13.1
10/20/2005	A5B92005	8260	< 1.2	< 1	< 1	< 1	< 2.5	1.5	13	< 1	5.9	< 1	2.2	22.6
1/24/2006	A6089108	8260	< 1.2	< 1	< 1	< 1	< 2.5	< 1	4.1	< 1	2.9	< 1	< 1.8	7
4/19/2006	6D20002-05	8260	< 1	< 1	< 1	< 1	< 2	< 1	6	< 1	4	< 1	< 2	10
7/18/2006	6G19003-08	8260	< 1	< 1	< 1	< 1	5 B	< 1	7	< 1	3	< 1	< 2	15
10/11/2006	6J12003-03	8260	< 1	< 1	< 1	< 1	< 2	1	10	< 1	4	< 1	< 2	15
1/10/2007	7A11003-01	8260	< 1	< 1	< 1	< 1	< 2	< 1	3	< 1	2	< 1	< 2	5
4/16/2007	7D17002-01	8260	< 1	< 1	< 1	< 1	< 2	< 1	5	< 1	3	< 1	< 2	8
7/16/2007	7G17015-02	8260	< 1	< 1	< 1	< 1	2	< 1	3	< 1	2	< 1	< 2	7
10/9/2007	7J10006-09	8260	< 1	< 1	< 1	< 1	< 2	< 1	4	< 1	3	< 1	< 2	7
1/14/2008	8A15002-02	8260	< 1	< 1	< 1	< 1	< 2	< 1	8	< 1	4	< 1	< 2	12
4/14/2008	8D15002-01	8260	< 1	< 1	< 1	< 1	2 B	< 1	6	< 1	3	< 1	< 2	11
7/23/2008	5423257	8260	< 1	< 0.8	< 1	< 0.8	< 2	0.81 J	6.8	< 0.8	2.4 J	< 0.8	< 1	10.01
10/16/2008	5501561	8260	< 1	< 0.8	< 1	< 0.8	< 2	< 0.8	16	< 0.8	31	< 0.8	< 1	47
1/21/2009	5582431	8260	< 1	< 0.8	< 1	< 0.8	< 2	< 0.8	6.8	< 0.8	5 J	< 0.8	< 1	11.8
4/15/2009	5647725	8260	< 1	< 0.8	< 1	< 0.8	< 2	1.3 J	11	< 0.8	3.7 J	< 0.8	< 1	16
7/7/2009	5718476	8260	< 1	< 0.8	< 1	< 0.8	< 2	0.98 J	7.8	< 0.8	2.7 J	< 0.8	< 1	11.48
10/7/2009	5800382	8260	< 1	< 0.8	< 1	< 0.8	< 2	< 0.8	6.8	< 0.8	2.6 J	< 0.8	< 1	9.4
1/20/2010	5888920	8260	< 1	< 0.8	< 1	< 0.8	< 2	0.81 J	8.3	< 0.8	2.6 J	< 0.8	< 1	11.71
4/13/2010	5953085	8260	< 1	< 0.8	< 1	< 0.8	< 2	1.6 J	14	< 0.8	3.7 J	< 0.8	< 1	19.3
7/14/2010	6032685	8260	< 1	< 0.8	< 1	< 0.8	< 2	1 J	9.1	< 0.8	2.6 J	< 0.8	< 1	12.7
10/14/2010	6113373	8260	< 1	< 0.8	< 1	< 0.8	< 2	< 0.8	6.9	< 0.8	2 J	< 0.8	< 1	8.9

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D - Result reported from a secondary dilution analysis.
E - Concentration exceeds the calibration range; Result is estimated.
J - Indicates an estimated value.
µg/L - micrograms per liter

Well ID: **B-42M**

Date	Lab Sample ID	Method	Carbon tetrachloride (µg/L)	Chloroform (µg/L)	1,1-Dichloroethane (µg/L)	1,1-Dichloroethene (µg/L)	Methylene chloride (µg/L)	trans-1,2-Dichloroethene (µg/L)	cis-1,2-Dichloroethene (µg/L)	1,1,1-Trichloroethane (µg/L)	Trichloroethene (µg/L)	Tetrachloroethene (µg/L)	Vinyl chloride (µg/L)	Total
1/25/2011	6191892	8260	< 1	< 0.8	< 1	< 0.8	< 2	1.1 J	10	< 0.8	2.7 J	< 0.8	< 1	13.8
4/19/2011	6263086	8260	< 1	< 0.8	< 1	< 0.8	< 2	1.2 J	10	< 0.8	3.8 J	< 0.8	< 1	15
7/13/2011	6343977	8260	< 1	< 0.8	< 1	< 0.8	< 2	< 0.8	6.9	< 0.8	2.6 J	< 0.8	< 1	9.5
10/12/2011	6435897	8260	< 1	< 0.8	< 1	< 0.8	< 2	< 0.8	5.3	< 0.8	1.9 J	< 0.8	< 1	7.2
1/18/2012	6526475	8260	< 1	< 0.8	< 1	< 0.8	< 2	< 0.8	5.7	< 0.8	2.1 J	< 0.8	< 1	7.8
4/9/2012	6610605	8260	< 1	< 0.8	< 1	< 0.8	< 2	1.7 J	16	< 0.8	13	< 0.8	1.2 J	31.9
7/18/2012	6726433	8260	< 1	< 0.8	< 1	< 0.8	< 2	0.9 J	8.3	< 0.8	3.1 J	< 0.8	< 1	12.3
10/2/2012	6810726	8260	< 1	< 0.8	< 1	< 0.8	< 2	0.83 J	6.5	< 0.8	2.3 J	< 0.8	< 1	9.63
1/22/2013	6931421	8260	< 1	< 0.8	< 1	< 0.8	< 2	< 0.8	6.3	< 0.8	3.2 J	< 0.8	< 1	9.5
4/4/2013	7011181	8260	< 1	< 0.8	< 1	< 0.8	< 2	1.3 J	11	< 0.8	7.7	< 0.8	< 1	20
7/8/2013	7120728	8260	< 1	< 0.8	< 1	< 0.8	< 2	< 0.8	4.9 J	< 0.8	3.2 J	< 0.8	< 1	8.1
11/12/2013	7275074	8260	< 1	< 0.8	< 1	< 0.8	< 2	< 0.8	2.7 J	< 0.8	1.9 J	< 0.8	< 1	4.6
1/16/2014	7340029	8260	< 1	< 0.8	< 1	< 0.8	< 2	< 0.8	2.2 J	< 0.8	1.8 J	< 0.8	< 1	4
4/16/2014	7433452	8260	< 0.5	< 0.5	< 0.5	< 0.5	< 2	1	7.8	< 0.5	9.3	< 0.5	< 0.5	18.1
7/11/2014	7531036	8260	< 0.5	< 0.5	< 0.5	< 0.5	< 2	< 0.5	3.9	< 0.5	2.8	< 0.5	< 0.5	6.7
10/6/2014	7626654	8260	< 0.5	< 0.5	< 0.5	< 0.5	< 2	< 0.5	3	< 0.5	2.4	< 0.5	< 0.5	5.4
1/7/2015	7732755	8260	< 0.5	1.6	< 0.5	< 0.5	< 2	< 0.5	5.8	< 0.5	3.8	< 0.5	< 0.5	11.2
4/20/2015	7856499	8260	< 0.5	< 0.5	< 0.5	< 0.5	< 2	0.85 J	7.9	< 0.5	6.9	< 0.5	< 0.5	15.65
7/7/2015	7958381	SW8260C	< 0.5	< 0.5	< 0.5	< 0.5	< 2	< 0.5	6.3	< 0.5	3.7	< 0.5	< 0.5	10
10/5/2015	8077931	SW8260C	< 0.5	< 0.5	< 0.5	< 0.5	< 2	0.51 J	5.8	< 0.5	3.8	< 0.5	< 0.5	10.11
1/5/2016	8197714	SW8260C	< 0.5	< 0.5	< 0.5	< 0.5	< 2	< 0.5	5.4	< 0.5	2.9	< 0.5	< 0.5	8.3
12/9/2016	240-73270-25	8260C	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	1.5	16	< 1.0	7.3	< 1.0	1.2	26
4/26/2017	240-78855-2	8260C	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	0.92 J	8.1	< 1.0	4.9	< 1.0	< 1.0	13.92
4/17/2018	240-94331-21	8260C	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	0.89 J	5.5	< 1.0	5	< 1.0	< 1.0	11.39
4/3/2019	240-110627-2	8260C	< 1.0	< 1.0	< 1.0	< 1.0	< 5.0	0.51 J	5.6	< 1.0	4.4	< 1.0	0.27 J	10.78
3/30/2020	240-128375-12	8260C	< 1	< 1	< 1.0	< 1.0	< 5	0.47 J	3.7	< 1.0	3.8	< 1.0	< 1.0	7.97
4/20/2021	240-147939-13	8260C	< 1.0	< 1.0	< 1.0	< 1.0	< 5.0	1.1	7.1	< 1.0	3.8	< 1.0	0.70 J	12.7
4/15/2022	240-165253-3	8260C	< 1.0	< 1.0	< 1.0	< 1.0	< 5.0	0.64 J	4.7	< 1.0	3.8	< 1.0	< 1.0	9.14
3/21/2023	240-182590-32	8260D	< 1.0	< 1.0	< 1.0	< 1.0	< 5.0	0.70 J	5.9	< 1.0	3.2	< 1.0	< 1.0	9.8

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µg/L - micrograms per liter

MONITORING WELL GROUNDWATER ANALYTICAL RESULT SUMMARY
FORMER CARBORUNDUM COMPANY
SANBORN, NEW YORK

Well ID: **B-43M**

Date	Lab Sample ID	Method	Carbon tetrachloride (µg/L)	Chloroform (µg/L)	1,1-Dichloroethane (µg/L)	1,1-Dichloroethene (µg/L)	Methylene chloride (µg/L)	trans-1,2-Dichloroethene (µg/L)	cis-1,2-Dichloroethene (µg/L)	1,1,1-Trichloroethane (µg/L)	Trichloroethene (µg/L)	Tetrachloroethene (µg/L)	Vinyl chloride (µg/L)	Total
10/15/1999		8260	< 1.2	0.26 J	0.41 J	< 1	< 2.5	< 1	12	< 1	1.2	< 1	1.5 J	15.37
1/12/2000	A0026406	8021	< 1.2	< 1	0.27 J	< 1	< 2.5	< 1	19	< 1	5.8	< 1	1.3 J	26.37
4/18/2000	A0259408	8021	< 1.2	< 1	1.3	< 1	< 2.5	< 1	11	< 1	3.1	< 1	1.2 J	16.6
7/20/2000	A0508909	8021	< 1.2	< 1	< 1	< 1	< 2.5	< 1	5.6	< 1	11	< 1	< 1.8	16.6
10/20/2000	A0754606	8021	< 1.2	< 1	< 1	< 1	< 2.5	< 1	3.4	< 1	2.5	< 1	0.33 J	6.23
1/12/2001	A1035113	8021	< 1.2	< 1	1.4	< 1	< 2.5	< 1	34	< 1	4.5	< 1	2.7	42.6
4/20/2001	A1366405	624	< 1.2	< 1.5	< 1.8	< 1.4	< 2.5	< 1.8	4.6	< 1.1	2.9	< 1.1	< 1.8	7.5
7/11/2001	A1648701	8021	< 1.2	< 1	0.35 J	< 1	< 2.5	< 1	2.1	< 1	0.83 J	< 1	0.3 J	3.58
11/12/2001	A1B23802	8021	< 1.2	< 1	< 1	< 1	< 2.5	< 1	14	< 1	6.4	< 1	0.37 J	20.77
1/21/2002	A2066007	8021	< 1.2	< 1	< 1	< 1	< 2.5	0.61 J	13	< 1	6.1	< 1	< 1.8	19.71
4/11/2002	A2348302	8021	< 1.2	< 1	< 1	< 1	< 2.5	0.61 J	11	< 1	6.3	< 1	< 1.8	17.91
7/11/2002	A2708317	8021	< 1.2	< 1	< 1	< 1	< 2.5	< 1	10	< 1	5.4	< 1	< 1.8	15.4
10/8/2002	A2999303	8021	< 1.2	< 1	< 1	< 1	< 2.5	0.38 J	6	< 1	4.3	< 1	0.29 J	10.97
1/16/2003	A3055804	8021	< 1.2	< 1	0.29 J	< 1	< 2.5	0.4 J	6.3	< 1	3.4	< 1	1.2 J	11.59
4/29/2003	A3398701	8021	< 1.2	< 1	< 1	< 1	< 2.5	< 1	3.8	< 1	2.4	< 1	0.34 J	6.54
7/17/2003	A3683706	8021	< 1.2	< 1	< 1	< 1	< 2.5	< 1	2.1	< 1	1.1 J	< 1	< 1.8	3.2
10/16/2003	A3A09002	8021	< 1.2	< 1	< 1	< 1	< 2.5	< 1	3.7	< 1	8.1	< 1	< 1.8	11.8
1/20/2004	A4053201	8021	< 1.2	< 1	< 1	< 1	< 2.5	< 1	10	< 1	8.9	< 1	< 1.8	18.9
4/28/2004	A4387602	8021	< 1.2	< 1	< 1	< 1	< 2.5	< 1	2	< 1	1.4	< 1	< 1.8	3.4
7/9/2004	A4647301	8021	< 1.2	< 1	< 1	< 1	< 2.5	< 1	4.3	< 1	8.2	< 1	< 1.8	12.5
10/7/2004	A4994505	8021	< 1	< 1	< 1	< 1	< 5	< 1	7.4	< 1	36	< 1	< 1	43.4
1/18/2005	A5051001	8260	< 1.2	< 1	< 1	< 1	< 2.5	0.82 J	8.9	< 1	5.5	< 1	1.5 J	16.72
4/21/2005	A5402202	8260	< 1.2	< 1	< 1	< 1	< 2.5	0.83 J	10	< 1	34 D	< 1	< 1.8	44.83
7/26/2005	A5791702	8260/5M	< 1.2	< 1	< 1	< 1	< 2.5	1.6	17	< 1	79	< 1	< 1.8	97.6
10/20/2005	A5B91801	8260	< 1.2	< 1	< 1	< 1	< 2.5	0.64 J	6	< 1	6.8	< 1	1.3 J	14.74
1/26/2006	A6102402	8260	< 1.2	< 1	< 1	< 1	< 2.5	0.74 J	12	< 1	4.6	< 1	3.8	21.14
4/20/2006	6D21003-01	8260	< 1	< 1	< 1	< 1	< 2	< 1	12	< 1	3	< 1	3	18
7/18/2006	6G19003-07	8260	< 1	< 1	< 1	< 1	4 B	< 1	8	< 1	4	< 1	< 2	16
10/11/2006	6J12003-02	8260	< 1	< 1	< 1	< 1	< 2	1	12	< 1	36	< 1	< 2	49
1/10/2007	7A11003-02	8260	< 1	< 1	< 1	< 1	< 2	< 1	12	< 1	5	< 1	4	21
4/16/2007	7D17002-02	8260	< 1	< 1	< 1	< 1	< 2	< 1	9	< 1	2	< 1	< 2	11
7/16/2007	7G17015-03	8260	< 1	< 1	< 1	< 1	< 2	< 1	9	< 1	2	< 1	3	14
10/10/2007	7J11002-07	8260	< 1	< 1	< 1	< 1	< 2	< 1	8	< 1	3	< 1	2	13
1/14/2008	8A15002-03	8260	< 1	< 1	< 1	< 1	< 2	< 1	9	< 1	2	< 1	2	13
4/14/2008	8D15002-02	8260	< 1	< 1	< 1	< 1	3 B	< 1	5	< 1	< 1	< 1	< 2	8
7/23/2008	5423258	8260	< 1	< 0.8	< 1	< 0.8	< 2	< 0.8	8.5	< 0.8	2.3 J	< 0.8	2.6 J	13.4
10/16/2008	5501560	8260	< 1	< 0.8	< 1	< 0.8	< 2	< 0.8	10	< 0.8	2.8 J	< 0.8	3.1 J	15.9
1/15/2009	5578617	8260	< 1	< 0.8	< 1	< 0.8	< 2	< 0.8	9.1	< 0.8	5.3	< 0.8	2.5 J	16.9
4/15/2009	5647721	8260	< 1	< 0.8	< 1	< 0.8	< 2	< 0.8	7.2	< 0.8	< 1	< 0.8	2.2 J	9.4
7/7/2009	5718475	8260	< 1	< 0.8	< 1	< 0.8	< 2	< 0.8	8.4	< 0.8	2 J	< 0.8	2.6 J	13
10/7/2009	5800384	8260	< 1	< 0.8	< 1	< 0.8	< 2	< 0.8	7.7	< 0.8	2.7 J	< 0.8	2.1 J	12.5
1/20/2010	5888917	8260	< 1	< 0.8	< 1	< 0.8	< 2	< 0.8	6	< 0.8	1.7 J	< 0.8	1.5 J	9.2
4/13/2010	5953084	8260	< 1	< 0.8	< 1	< 0.8	< 2	< 0.8	5.9	< 0.8	2.6 J	< 0.8	< 1	8.5
7/14/2010	6032683	8260	< 1	< 0.8	< 1	< 0.8	< 2	< 0.8	9.9	< 0.8	2.8 J	< 0.8	3 J	15.7
10/12/2010	6109758	8260	< 1	< 0.8	< 1	< 0.8	< 2	< 0.8	9.4	< 0.8	3.3 J	< 0.8	2.6 J	15.3
1/25/2011	6191891	8260	< 1	< 0.8	< 1	< 0.8	< 2	< 0.8	9.8	< 0.8	3.1 J	< 0.8	2.7 J	15.6

< - Indicates parameter was analyzed for, but not detected at or above the reporting limit
To Address the NYSDEC concerns regarding the presentation and plotting of non-detected values, the data for 2001 to 2004 has been reevaluated and interpreted as follows:

1) Non-detected concentrations have been represented as '<' for reporting purposes.
2) Total VOCs have been recalculated and represented as the sum of the detected parameters shown on this table.
3) The method change to 8260 was approved by the NYSDEC and changed in January 2005.

B - The analyte is present in the associated method blank.
D - Result reported from a secondary dilution analysis.
E - Concentration exceeds the calibration range; Result is estimated.
J - Indicates an estimated value.
µg/L - micrograms per liter

Well ID: **B-43M**

Date	Lab Sample ID	Method	Carbon tetrachloride (µg/L)	Chloroform (µg/L)	1,1-Dichloroethane (µg/L)	1,1-Dichloroethene (µg/L)	Methylene chloride (µg/L)	trans-1,2-Dichloroethene (µg/L)	cis-1,2-Dichloroethene (µg/L)	1,1,1-Trichloroethane (µg/L)	Trichloroethene (µg/L)	Tetrachloroethene (µg/L)	Vinyl chloride (µg/L)	Total
4/19/2011	6263085	8260	< 1	< 0.8	< 1	< 0.8	< 2	< 0.8	3.1 J	< 0.8	< 1	< 0.8	< 1	3.1
7/13/2011	6343976	8260	< 1	< 0.8	< 1	< 0.8	< 2	< 0.8	11	< 0.8	3.8 J	< 0.8	5.1	19.9
10/12/2011	6435898	8260	< 1	< 0.8	< 1	< 0.8	< 2	< 0.8	11	< 0.8	3.4 J	< 0.8	2.3 J	16.7
1/16/2012	6523836	8260	< 1	< 0.8	< 1	< 0.8	< 2	< 0.8	10	< 0.8	3.3 J	< 0.8	4 J	17.3
4/9/2012	6610604	8260	< 1	< 0.8	< 1	< 0.8	< 2	< 0.8	15	< 0.8	27	< 0.8	< 1	42
7/18/2012	6726434	8260	< 1	< 0.8	< 1	< 0.8	< 2	< 0.8	11	< 0.8	3 J	< 0.8	4.3 J	18.3
10/2/2012	6810725	8260	< 1	< 0.8	< 1	< 0.8	< 2	< 0.8	11	< 0.8	3.4 J	< 0.8	2.9 J	17.3
1/22/2013	6931417	8260	< 1	< 0.8	< 1	< 0.8	< 2	< 0.8	5.9	< 0.8	1.6 J	< 0.8	3.1 J	10.6
4/4/2013	7011178	8260	< 1	< 0.8	< 1	< 0.8	< 2	< 0.8	9.5	< 0.8	15	< 0.8	< 1	24.5
7/8/2013	7120729	8260	< 1	< 0.8	< 1	< 0.8	< 2	< 0.8	5	< 0.8	2.4 J	< 0.8	1.5 J	8.9
11/12/2013	7275073	8260	< 1	< 0.8	< 1	< 0.8	< 2	< 0.8	6.8	< 0.8	1.4 J	< 0.8	5.3	13.5
1/16/2014	7340031	8260	< 1	< 0.8	< 1	< 0.8	< 2	< 0.8	7.2	< 0.8	1.2 J	< 0.8	3.3 J	11.7
4/16/2014	7433451	8260	< 0.5	< 0.5	< 0.5	< 0.5	< 2	< 0.5	5.2	< 0.5	13	< 0.5	1.5	19.7
7/11/2014	7531035	8260	< 0.5	< 0.5	< 0.5	< 0.5	< 2	< 0.5	7.4	< 0.5	1	< 0.5	3.8	12.2
10/6/2014	7626657	8260	< 0.5	< 0.5	< 0.5	< 0.5	< 2	< 0.5	6.8	< 0.5	< 0.5	< 0.5	3.5	10.3
1/7/2015	7732754	8260	< 0.5	< 0.5	< 0.5	< 0.5	< 2	< 0.5	5.9	< 0.5	0.69 J	< 0.5	4.2	10.79
4/20/2015	7856498	8260	< 0.5	< 0.5	< 0.5	< 0.5	< 2	< 0.5	7	< 0.5	11	< 0.5	< 0.5	18
7/7/2015	7958380	SW8260C	< 0.5	< 0.5	< 0.5	< 0.5	< 2	< 0.5	7.4	< 0.5	0.51 J	< 0.5	5	12.91
10/5/2015	8077932	SW8260C	< 0.5	< 0.5	< 0.5	< 0.5	< 2	< 0.5	8.8	< 0.5	< 0.5	< 0.5	4.6	13.4
1/5/2016	8197715	SW8260C	< 0.5	< 0.5	< 0.5	< 0.5	< 2	< 0.5	6	< 0.5	< 0.5	< 0.5	2.5	8.5
12/12/2016	240-73361-2	8260C	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	7.3	< 1.0	0.68 J	< 1.0	3.8	11.78
4/26/2017	240-78855-4	8260C	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	7.4	< 1.0	0.36 J	< 1.0	5.7	13.46
4/16/2018	240-94331-10	8260C	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	6.5	< 1.0	< 1.0	< 1.0	6.5	13
4/3/2019	240-110627-3	8260C	< 1.0	< 1.0	0.17 J	< 1.0	< 5.0	< 1.0	3.9	< 1.0	< 1.0	< 1.0	5	9.07
3/30/2020	240-128375-13	8260C	< 1	< 1	0.22 J	< 1.0	< 5	< 1.0	4.9	< 1.0	< 1.0	< 1.0	6.4	11.52
4/20/2021	240-147939-12	8260C	< 1.0	< 1.0	0.24 J	< 1.0	< 5.0	< 1.0	3.4	< 1.0	< 1.0	< 1.0	7.3	10.94
4/11/2022	240-165070-9	8260C	< 1.0	< 1.0	< 1.0	< 1.0	< 5.0	< 1.0	3.4	< 1.0	< 1.0	< 1.0	5.4	8.8
3/21/2023	240-182590-40	8260D	< 1.0	< 1.0	< 1.0	< 1.0	< 5.0	< 1.0	3.4	< 1.0	< 1.0	< 1.0	5.3	8.7

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D - Result reported from a secondary dilution analysis.
E - Concentration exceeds the calibration range; Result is estimated.
J - Indicates an estimated value.
µg/L - micrograms per liter

MONITORING WELL GROUNDWATER ANALYTICAL RESULT SUMMARY
FORMER CARBORUNDUM COMPANY
SANBORN, NEW YORK

Well ID: **B-44M**

Date	Lab Sample ID	Method	Carbon tetrachloride (µg/L)	Chloroform (µg/L)	1,1-Dichloroethane (µg/L)	1,1-Dichloroethene (µg/L)	Methylene chloride (µg/L)	trans-1,2-Dichloroethene (µg/L)	cis-1,2-Dichloroethene (µg/L)	1,1,1-Trichloroethane (µg/L)	Trichloroethene (µg/L)	Tetrachloroethene (µg/L)	Vinyl chloride (µg/L)	Total
10/15/1999		8260	< 1.2	1.9	2.4	< 1	< 2.5	< 1	11	< 1	12	< 1	< 1.8	27.3
1/12/2000	A0026407	8021	< 1.2	0.23 J	4	< 1	< 2.5	< 1	26	< 1	2.4	< 1	1 J	33.63
4/19/2000	A0259413	8021	< 1.2	1.3	6	< 1	< 2.5	1.2	36	1.3	6	< 1	8.1	59.9
7/20/2000	A0508913	8021	< 1.2	< 1	2.3	< 1	< 2.5	< 1	18	< 1	3.4	< 1	0.81 J	24.51
10/24/2000	A0760705	8021	< 1.2	0.22 J	6.1	< 1	< 2.5	< 1	31	0.36 J	4.5	< 1	8.3	50.48
1/13/2001	A1041307	8021	< 1.2	< 1	7.6	1.2	< 2.5	1.1	38	1.9	8	< 1	15	72.8
4/25/2001	A1382101	8021	< 1.2	< 1	6	< 1	< 2.5	0.25 J	33	0.4 J	4.3	< 1	7.7	51.65
7/11/2001	A1648703	8021	< 1.2	< 1	4.5	< 1	< 2.5	< 1	23	< 1	3	< 1	2.4	32.9
11/12/2001	A1B23803	8021	< 1.2	< 1	6.1	< 1	< 2.5	< 1	33	< 1	27	< 1	4.5	70.6
1/22/2002	A2066013	8021	< 8	< 8	< 8	< 8	14	< 8	22	< 8	< 8	< 8	< 8	36
4/12/2002	A2351802	8021	< 1.2	< 1	7.6	< 1	< 2.5	< 1	33	< 1	5.9	< 1	5.6	52.1
7/15/2002	A2723103	8021	< 1.2	< 1	7.8	< 1	< 2.5	< 1	28	< 1	5.5	< 1	4.4	45.7
10/9/2002	A2A07501	8021	< 1.2	< 1	9.2	< 1	< 2.5	< 1	49	0.76 J	10	< 1	15	83.96
1/21/2003	A3069001	8021	< 1.2	0.54 J	7.4	< 1	< 2.5	< 1	25	< 1	5.5	< 1	4.9	43.34
4/29/2003	A3398702	8021	< 1.2	< 1	11	< 1	< 2.5	< 1	44	0.79 J	10	< 1	27	92.79
7/17/2003	A3683704	8021	< 1.2	< 1	8.3	< 1	< 2.5	< 1	36	0.45 J	4.8	< 1	13	62.55
10/17/2003	A3A09003	8021	< 1.2	< 1	8.4	< 1	< 2.5	< 1	26	< 1	1.6	< 1	20	56
1/20/2004	A4053203	8021	< 1.2	< 1	9.1	< 1	< 2.5	< 1	15	< 1	1.9	< 1	9.7	35.7
4/28/2004	A4387601	8021	< 1.2	< 1	8.5	< 1	< 2.5	< 1	27	< 1	3.2	< 1	23	61.7
7/9/2004	A4647302	8021	< 1.2	< 1	8	< 1	< 2.5	< 1	15	< 1	1.6	< 1	19	43.6
10/7/2004	A4994504	8021	< 1	< 1	6.3	< 1	< 5	< 1	5	< 1	2.4	< 1	5.6	19.3
1/18/2005	A5051002	8260	< 1.2	< 1	8.1	< 1	< 2.5	0.34 J	9.1	0.25 J	2.4	< 1	4.9	25.09
4/21/2005	A5402201	8260	< 1.2	< 1	7.3	< 1	< 2.5	0.47 J	21	0.49 J	5.8	< 1	15	50.06
7/22/2005	A5778502	8260/5M	< 1.2	< 1	5.9	< 1	< 2.5	< 1	14	< 1	3.6	< 1	5.5	29
10/21/2005	A5B92604	8260	< 1.2	< 1	8.7	< 1	< 2.5	< 1	9.1	< 1	3.7	< 1	6.6	28.1
1/26/2006	A6102403	8260	< 1.2	< 1	9.1	< 1	< 2.5	0.63 J	16	0.65 J	8.1	< 1	16	50.48
4/20/2006	6D21003-02	8260	< 1	< 1	7	< 1	< 2	< 1	7	< 1	2	< 1	8	24
7/18/2006	6G19003-06	8260	< 1	< 1	7	< 1	11 B	< 1	8	< 1	3	< 1	5	34
10/11/2006	6J12003-04	8260	< 1	< 1	8	< 1	< 2	< 1	12	< 1	6	< 1	9	35
1/10/2007	7A11003-03	8260	< 1	< 1	6	< 1	< 2	< 1	5	< 1	10	< 1	6	27
4/17/2007	7D18003-04	8260	< 1	< 1	5	< 1	< 2	< 1	1	< 1	< 1	< 1	3	9
7/16/2007	7G17015-04	8260	< 1	< 1	7	< 1	< 2	< 1	8	< 1	5	< 1	7	27
10/10/2007	7J11002-08	8260	< 1	< 1	6	< 1	< 2	< 1	7	< 1	4	< 1	4	21
1/14/2008	8A15002-04	8260	< 1	< 1	7	< 1	< 2	< 1	9	< 1	5	< 1	6	27
4/15/2008	8D16011-01	8260	< 1	< 1	5	< 1	4 B	< 1	4	< 1	2	< 1	4	19
7/28/2008	5426819	8260	< 1	< 0.8	7.7	< 0.8	< 2	< 0.8	8.1	< 0.8	5.2	< 0.8	7.2	28.2
10/16/2008	5501564	8260	< 1	< 0.8	9.6	< 0.8	< 2	< 0.8	11	< 0.8	6.7	< 0.8	7.5	34.8
1/15/2009	5578616	8260	< 1	< 0.8	8.3	< 0.8	< 2	< 0.8	8.9	< 0.8	7.4	< 0.8	6.3	30.9
4/15/2009	5647726	8260	< 1	< 0.8	7	< 0.8	< 2	< 0.8	5.8	< 0.8	4.4 J	< 0.8	5 J	22.2
7/7/2009	5718477	8260	< 1	< 0.8	8.6	< 0.8	< 2	< 0.8	9.5	< 0.8	5.7	< 0.8	6.9	30.7
10/7/2009	5800386	8260	< 1	< 0.8	9	< 0.8	< 2	< 0.8	9.3	< 0.8	5.7	< 0.8	9.1	33.1
1/20/2010	5888916	8260	< 1	< 0.8	10	< 0.8	< 2	< 0.8	11	< 0.8	6.8	< 0.8	7.3	35.1
4/12/2010	5951991	8260	< 1	< 0.8	7	< 0.8	< 2	< 0.8	5.7	< 0.8	3.4 J	< 0.8	6	22.1
7/14/2010	6032684	8260	< 1	< 0.8	9.3	< 0.8	< 2	< 0.8	10	< 0.8	5.6	< 0.8	6.9	31.8
10/12/2010	6109757	8260	< 1	< 0.8	11	< 0.8	< 2	< 0.8	11	< 0.8	6.3	< 0.8	7.9	36.2
1/25/2011	6191893	8260	< 1	< 0.8	8.8	< 0.8	< 2	< 0.8	10	< 0.8	5.5	< 0.8	7.1	31.4

< - Indicates parameter was analyzed for, but not detected at or above the reporting limit
To Address the NYSDEC concerns regarding the presentation and plotting of non-detected values, the data for 2001 to 2004 has been reevaluated and interpreted as follows:
1) Non-detected concentrations have been represented as '<' for reporting purposes.
2) Total VOCs have been recalculated and represented as the sum of the detected parameters shown on this table.
3) The method change to 8260 was approved by the NYSDEC and changed in January 2005.

B - The analyte is present in the associated method blank.
D - Result reported from a secondary dilution analysis.
E - Concentration exceeds the calibration range; Result is estimated.
J - Indicates an estimated value.
µg/L - micrograms per liter

Well ID: **B-44M**

Date	Lab Sample ID	Method	Carbon tetrachloride (µg/L)	Chloroform (µg/L)	1,1-Dichloroethane (µg/L)	1,1-Dichloroethene (µg/L)	Methylene chloride (µg/L)	trans-1,2-Dichloroethene (µg/L)	cis-1,2-Dichloroethene (µg/L)	1,1,1-Trichloroethane (µg/L)	Trichloroethene (µg/L)	Tetrachloroethene (µg/L)	Vinyl chloride (µg/L)	Total
4/19/2011	6263084	8260	< 1	< 0.8	6.7	< 0.8	< 2	< 0.8	2.8 J	< 0.8	1.5 J	< 0.8	4.3 J	15.3
7/13/2011	6343973	8260	< 1	< 0.8	11	< 0.8	< 2	< 0.8	12	< 0.8	5.9	< 0.8	7.1	36
10/12/2011	6435904	8260	< 1	< 0.8	9.9	< 0.8	< 2	0.82 J	12	< 0.8	6.1	< 0.8	6.6	35.42
1/16/2012	6523835	8260	< 1	< 0.8	8.6	< 0.8	< 2	< 0.8	11	< 0.8	5.5	< 0.8	5.7	30.8
4/9/2012	6610603	8260	< 1	< 0.8	7.2	< 0.8	< 2	< 0.8	53	< 0.8	68	< 0.8	6.5	134.7
7/18/2012	6726432	8260	< 1	< 0.8	8.7	< 0.8	< 2	< 0.8	6.5	< 0.8	3.2 J	< 0.8	3.7 J	22.1
10/2/2012	6810731	8260	< 1	< 0.8	9.3	< 0.8	< 2	< 0.8	13	< 0.8	5.2	< 0.8	7.4	34.9
1/24/2013	6934234	8260	< 1	< 0.8	8.4	< 0.8	< 2	< 0.8	11	< 0.8	4.8 J	< 0.8	4.8 J	29
4/4/2013	7011177	8260	< 1	< 0.8	6.6	< 0.8	< 2	< 0.8	26	< 0.8	46	< 0.8	4.7 J	83.3
7/8/2013	7120733	8260	< 1	< 0.8	7.7	< 0.8	< 2	< 0.8	10	< 0.8	4.5 J	< 0.8	5.1	27.3
11/12/2013	7275072	8260	< 1	< 0.8	9.3	< 0.8	< 2	< 0.8	11	< 0.8	4.6 J	< 0.8	6.8	31.7
1/16/2014	7340030	8260	< 1	< 0.8	6.8	< 0.8	< 2	< 0.8	11	< 0.8	3.8 J	< 0.8	4.4 J	26
4/16/2014	7433450	8260	< 0.5	< 0.5	6.3	< 0.5	< 2	0.6 J	20	< 0.5	53	< 0.5	2.7	82.6
7/11/2014	7531039	8260	< 0.5	< 0.5	6.9	< 0.5	< 2	0.57 J	10	< 0.5	4.1	< 0.5	3.8	25.37
10/6/2014	7626652	8260	< 0.5	< 0.5	7.6	< 0.5	< 2	0.59 J	10	< 0.5	4	< 0.5	4.3	26.49
1/7/2015	7732753	8260	< 0.5	< 0.5	7.3	< 0.5	< 2	0.57 J	9.4	< 0.5	3.8	< 0.5	< 0.5	21.07
4/20/2015	7856497	8260	< 0.5	< 0.5	7.9	< 0.5	< 2	0.68 J	26	< 0.5	36	< 0.5	2.8	73.38
7/7/2015	7958378	SW8260C	< 0.5	< 0.5	6.9	< 0.5	< 2	< 0.5	10	< 0.5	3.3	< 0.5	4.3	24.5
10/5/2015	8077928	SW8260C	< 0.5	< 0.5	9.2	< 0.5	< 2	0.75 J	12	< 0.5	4.1	< 0.5	4.7	30.75
1/5/2016	8197713	SW8260C	< 0.5	< 0.5	6.5	< 0.5	< 2	0.6 J	8.5	< 0.5	2.5	< 0.5	4	22.1
12/9/2016	240-73270-20	8260C	5.9	4.4 J	4.9 J	< 5.0	3.8 J	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	19
4/26/2017	240-78855-3	8260C	< 1.0	< 1.0	7.1	< 1.0	< 1.0	0.52 J	8.6	< 1.0	2.5	< 1.0	5.4	24.12
4/17/2018	240-94331-17	8260C	< 1.0	< 1.0	3.7	< 1.0	< 1.0	< 1.0	5.6	< 1.0	1.9	< 1.0	2.9	14.1
4/3/2019	240-110627-6	8260C	< 1.0	< 1.0	1.5	< 1.0	< 5.0	< 1.0	1.1	< 1.0	< 1.0	< 1.0	7.6	10.2
3/30/2020	240-128375-14	8260C	< 1	< 1	3	< 1.0	< 5	0.22 J	4.9	< 1.0	1.4	< 1.0	2.4	11.92
4/20/2021	240-147939-11	8260C	< 1.0	< 1.0	1.8	< 1.0	< 5.0	< 1.0	0.24 J	< 1.0	0.13 J	< 1.0	0.44 J	2.61
4/11/2022	240-165070-10	8260C	< 1.0	< 1.0	2.8	< 1.0	< 5.0	< 1.0	4.5	< 1.0	0.88 J	< 1.0	1.8	9.98
3/21/2023	240-182590-42	8260D	< 1.0	< 1.0	3.1	< 1.0	< 5.0	< 1.0	4.2	< 1.0	0.83 J	< 1.0	1.7	9.83

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To Address the NYSDEC concerns regarding the presentation and plotting of non-detected values, the data for 2001 to 2004 has been reevaluated and interpreted as follows:

1) Non-detected concentrations have been represented as '<' for reporting purposes.
2) Total VOCs have been recalculated and represented as the sum of the detected parameters shown on this table.
3) The method change to 8260 was approved by the NYSDEC and changed in January 2005.

B - The analyte is present in the associated method blank.
D - Result reported from a secondary dilution analysis.
E - Concentration exceeds the calibration range; Result is estimated.
J - Indicates an estimated value.
µg/L - micrograms per liter

MONITORING WELL GROUNDWATER ANALYTICAL RESULT SUMMARY
FORMER CARBORUNDUM COMPANY
SANBORN, NEW YORK

Well ID: **B-45M**

Date	Lab Sample ID	Method	Carbon tetrachloride (µg/L)	Chloroform (µg/L)	1,1-Dichloroethane (µg/L)	1,1-Dichloroethene (µg/L)	Methylene chloride (µg/L)	trans-1,2-Dichloroethene (µg/L)	cis-1,2-Dichloroethene (µg/L)	1,1,1-Trichloroethane (µg/L)	Trichloroethene (µg/L)	Tetrachloroethene (µg/L)	Vinyl chloride (µg/L)	Total
11/1/2000	A0784701	8021	< 1.2	4.1	< 1	< 1	< 2.5	< 1	< 1	< 1	< 1.2	< 1	< 1.8	4.1
11/14/2000	A0833402	624	< 1.2	2.8	< 1.8	< 1.4	< 2.5	< 1.8	< 1.4	< 1.1	< 1.2	< 1.1	< 1.8	2.8
12/13/2000	A0910401	8021	< 1.2	1.3	< 1	< 1	< 2.5	< 1	< 1	< 1	< 1.2	< 1	< 1.8	1.3
1/18/2001	A1052404	8021	< 1.2	1	< 1	< 1	< 2.5	< 1	< 1	< 1	< 1.2	< 1	< 1.8	1
4/18/2001	A1361301	624	< 0.24	< 0.3	< 0.36	< 0.28	< 0.5	< 0.36	< 0.28	< 0.22	< 0.24	< 0.22	< 0.36	0
7/18/2001	A1682901	8021	< 1.2	< 1	< 1	< 1	< 2.5	< 1	< 1	< 1	< 1.2	< 1	< 1.8	0
10/12/2001	A1A01003	8021	< 1.2	< 1	< 1	< 1	< 2.5	< 1	< 1	< 1	< 1.2	< 1	< 1.8	0
1/15/2002	A2039404	8021	< 1.2	< 1	< 1	< 1	< 2.5	0.72 J	7.3	< 1	0.66 J	< 1	0.24 J	8.92
4/8/2002	A2332604	8260	< 1.2	< 1	< 1	< 1	< 2.5	< 1	1.1	< 1	< 1.2	< 1	< 1.8	1.1
7/8/2002	A2695504	8021	< 1.2	< 1	< 1	< 1	< 2.5	< 1	< 1	< 1	< 1.2	< 1	< 1.8	0
10/3/2002	A2980606	8021	< 1.2	< 1	< 1	< 1	< 2.5	< 1	0.21 J	< 1	0.67 J	< 1	< 1.8	0.88
1/13/2003	A3038007	8021	< 1.2	< 1	< 1	< 1	< 2.5	< 1	1.6	< 1	0.67 J	< 1	< 1.8	2.27
4/8/2003	A3329702	8021	< 1.2	< 1	< 1	< 1	< 2.5	< 1	1.2	< 1	< 1.2	< 1	< 1.8	1.2
7/3/2003	A3639718	8021	< 1.2	< 1	< 1	< 1	< 2.5	< 1	< 1	< 1	< 1.2	< 1	< 1.8	0
10/10/2003	A3983802	8021	< 1.2	< 1	< 1	< 1	< 2.5	< 1	< 1	< 1	< 1.2	< 1	< 1.8	0
1/8/2004	A4026307	8021	< 1.2	< 1	< 1	< 1	< 2.5	< 1	< 1	< 1	< 1.2	< 1	< 1.8	0
6/30/2004	A4619404	8021	< 1.2	< 1	< 1	< 1	< 2.5	< 1	< 1	< 1	< 1.2	< 1	< 1.8	0
10/22/2004	A4A47804	8021	< 1	< 1	< 1	< 1	< 1	< 1	1.3	< 1	< 1	< 1	< 1	1.3
4/5/2005	A5317608	8260	< 1.2	< 1	< 1	< 1	< 2.5	< 1	0.35 J	< 1	< 1.2	< 1	< 1.8	0.35
7/12/2005	A5733103	8260/5M	< 1.2	< 1	< 1	< 1	< 2.5	< 1	< 1	< 1	< 1.2	< 1	< 1.8	0
7/20/2006	6G21005-02	8260	< 1	< 1	< 1	< 1	3	< 1	< 1	< 1	< 1	< 1	< 2	3
7/10/2007	7G11015-10	8260	< 1	< 1	< 1	< 1	< 2	< 1	< 1	< 1	< 1	< 1	< 2	0
7/25/2008	5426026	8260	< 1	< 0.8	< 1	< 0.8	< 2	< 0.8	< 0.8	< 0.8	1.3 J	< 0.8	< 1	1.3
7/14/2009	5723627	8260	< 1	< 0.8	< 1	< 0.8	< 2	< 0.8	< 0.8	< 0.8	< 1	< 0.8	< 1	0
7/13/2010	6031613	8260	< 1	< 0.8	< 1	< 0.8	< 2	< 0.8	< 0.8	< 0.8	< 1	< 0.8	< 1	0
7/19/2011	6350146	8260	< 1	< 0.8	< 1	< 0.8	< 2	< 0.8	< 0.8	< 0.8	< 1	< 0.8	< 1	0
7/12/2012	6719393	8260	< 1	< 0.8	< 1	< 0.8	< 2	< 0.8	< 0.8	< 0.8	< 1	< 0.8	< 1	0
7/15/2013	7128196	8260	< 1	< 0.8	< 1	< 0.8	< 2	< 0.8	< 0.8	< 0.8	< 1	< 0.8	< 1	0
7/14/2014	7532398	8260	< 0.5	< 0.5	< 0.5	< 0.5	< 2	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	0
7/14/2015	7967358	SW8260C	< 0.5	< 0.5	< 0.5	< 0.5	< 2	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	0

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2) Total VOCs have been recalculated and represented as the sum of the detected parameters shown on this table.
3) The method change to 8260 was approved by the NYSDEC and changed in January 2005.

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D - Result reported from a secondary dilution analysis.
E - Concentration exceeds the calibration range; Result is estimated.
J - Indicates an estimated value.
µg/L - micrograms per liter

MONITORING WELL GROUNDWATER ANALYTICAL RESULT SUMMARY
FORMER CARBORUNDUM COMPANY
SANBORN, NEW YORK

Well ID: **B-46M**

Date	Lab Sample ID	Method	Carbon tetrachloride (µg/L)	Chloroform (µg/L)	1,1-Dichloroethane (µg/L)	1,1-Dichloroethene (µg/L)	Methylene chloride (µg/L)	trans-1,2-Dichloroethene (µg/L)	cis-1,2-Dichloroethene (µg/L)	1,1,1-Trichloroethane (µg/L)	Trichloroethene (µg/L)	Tetrachloroethene (µg/L)	Vinyl chloride (µg/L)	Total
11/1/2000	A0784702	8021	< 1.2	1.5	0.23 J	< 1	< 2.5	1.6	39	< 1	3.4	< 1	2.1	47.83
11/14/2000	A0833403	624	< 1.2	< 1.5	< 1.8	< 1.4	< 2.5	< 1.8	130 E	< 1.1	3.9	< 1.1	2.1	136
12/13/2000	A0910402	8021	< 1.6	< 1.6	< 1.6	< 1.6	3	2.4	130	< 1.6	7.2	< 1.6	5.2	147.8
1/17/2001	A1052405	8021	< 1.2	0.62 J	< 1	< 1	1.4 J	2.3	54	< 1	2.8	< 1	3.2	64.32
4/18/2001	A1361304	624	< 0.24	< 0.3	< 0.36	< 0.28	< 0.5	< 0.36	5.8	< 0.22	0.26	< 0.22	< 0.36	6.06
7/18/2001	A1682905	8021	< 1.2	< 1	< 1	< 1	< 2.5	0.32 J	29	< 1	1.7	< 1	0.61 J	31.63
10/12/2001	A1A01004	8021	< 1.2	< 1	< 1	< 1	< 2.5	0.46 J	41	< 1	1.1 J	< 1	2.3	44.86
1/15/2002	A2039405	8021	< 1.2	< 1	< 1	< 1	< 2.5	0.46 J	31	< 1	1.3	< 1	1.7 J	34.46
4/9/2002	A2332611	8260	< 1.2	< 1	0.28 J	0.23 J	< 2.5	0.88 J	62 D	< 1	2.7	< 1	1.8	67.89
7/9/2002	A2695508	8021	< 1.2	< 1	< 1	< 1	< 2.5	< 1	52	< 1	< 1.2	< 1	< 1.8	52
10/3/2002	A2980608	8021	< 1.6	< 1.6	< 1.6	< 1.6	< 2.5	< 1.6	120	< 1.6	6.6	< 1.6	3.3	129.9
1/14/2003	A3043003	8021	< 1.2	< 1	< 1	< 1	< 2.5	1.1	58	< 1	3.4	< 1	2.9	65.4
4/8/2003	A3329705	8021	< 1.2	< 1	< 1	< 1	< 2.5	< 1	12	< 1	0.44 J	< 1	0.52 J	12.96
7/2/2003	A3639701	8021	< 1.2	< 1	< 1	< 1	< 2.5	< 1	36	< 1	< 1.2	< 1	1.4 J	37.4
10/9/2003	A3978812	8021	< 2.3	< 1	< 1	< 1.3	< 2.5	< 1	150	< 1	5.1	< 1	3.8	158.9
1/8/2004	A4026306	8021	< 1.2	< 1	< 1	< 1	< 2.5	< 1	23	< 1	1.5	< 1	1.1 J	25.6
4/13/2004	A4331506	8021	< 1.4	< 1	< 1	< 1	< 2.5	< 1	82	< 1	6.9	< 1	2.5	91.4
6/30/2004	A4619405	8021	< 1.4	< 1	1.3	< 1	< 2.5	2.6	120	< 1	8.7	< 1	6.4	139
10/22/2004	A4A47805	8021	< 1	< 1	0.67 J	< 1	< 1	1.7	130 D	< 1	9.2	< 1	4.1	145.67
1/13/2005	A5036407	8260	< 1.2	< 1.6	< 1.9	< 1	< 2.5	1.8	100	< 1.3	11	< 1.3	5.4	118.2
4/5/2005	A5317609	8260	< 1.2	< 1	< 1	< 1	< 2.5	< 1	1.8	< 1	< 1.2	< 1	< 1.8	1.8
7/12/2005	A5733104	8260/5M	< 1.2	< 1	0.57 J	< 1	< 2.5	1.6	82	< 1	8.2	< 1	5.6	97.97
7/20/2006	6G21005-01	8260	< 1	< 1	< 1	< 1	3	1	59	< 1	7	< 1	4	74
7/10/2007	7G11015-11	8260	< 1	< 1	< 1	< 1	< 2	< 1	33	< 1	5	< 1	2	40
7/25/2008	5426034	8260	< 1	< 0.8	< 1	< 0.8	< 2	< 0.8	18	< 0.8	1.2 J	< 0.8	2.7 J	21.9
7/14/2009	5723629	8260	< 1	< 0.8	< 1	< 0.8	< 2	< 0.8	28	< 0.8	4.3 J	< 0.8	3.2 J	35.5
7/13/2010	6031617	8260	< 1	< 0.8	< 1	< 0.8	< 2	< 0.8	29	< 0.8	7.7	< 0.8	2.7 J	39.4
7/19/2011	6350138	8260	< 1	< 0.8	< 1	< 0.8	< 2	< 0.8	38	< 0.8	8.9	< 0.8	3 J	49.9
7/12/2012	6719403	8260	< 1	< 0.8	< 1	< 0.8	< 2	< 0.8	46	< 0.8	10	< 0.8	3.3 J	59.3
7/15/2013	7128197	8260	< 1	< 0.8	< 1	< 0.8	< 2	< 0.8	49	< 0.8	10	< 0.8	2.5 J	61.5
7/14/2014	7532399	8260	< 0.5	< 0.5	< 0.5	< 0.5	< 2	0.51 J	32	< 0.5	5.1	< 0.5	1.9	39.51
7/14/2015	7967359	SW8260C	< 0.5	< 0.5	< 0.5	< 0.5	< 2	1.2	55	< 0.5	14	< 0.5	2.4	72.6
12/5/2016	240-73125-2	8260C	< 3.3	< 3.3	< 3.3	< 3.3	< 3.3	0.97 J	66	< 3.3	14	< 3.3	7.6	88.57
4/28/2017	240-78929-2	8260C	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	0.67 J	16	< 1.0	8.9	< 1.0	0.80 J	26.37
4/12/2018	240-94116-14	8260C	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	0.81 J	37	< 1.0	8.3	< 1.0	2.7	48.81
4/8/2019	240-110803-8	8260C	< 2.0	< 2.0	1.0 J	< 2.0	< 10	1.5 J	41	0.84 J	55	< 2.0	0.45 J	99.79
3/27/2020	240-128359-7	8260C	< 2	0.3 J	1.1 J	< 2.0	< 10	1.6 J	59	0.95 J	68	< 2.0	2.1	133.05
4/20/2021	240-147939-9	8260C	< 1.0	0.58 J	0.52 J	0.21 J	< 5.0	1.4	47	0.28 J	28	< 1.0	3.4	81.39
4/12/2022	240-165066-1	8260C	< 2.0	< 2.0	< 2.0	< 2.0	< 10	1.3 J	36	< 2.0	72	< 2.0	< 2.0	109.3
3/21/2023	240-182590-33	8260D	< 4.0	< 4.0	< 4.0	< 4.0	< 20	< 4.0	78	< 4.0	110	< 4.0	2.6 J	190.6

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2) Total VOCs have been recalculated and represented as the sum of the detected parameters shown on this table.
3) The method change to 8260 was approved by the NYSDEC and changed in January 2005.

B - The analyte is present in the associated method blank.
D - Result reported from a secondary dilution analysis.
E - Concentration exceeds the calibration range; Result is estimated.
J - Indicates an estimated value.
µg/L - micrograms per liter

MONITORING WELL GROUNDWATER ANALYTICAL RESULT SUMMARY
FORMER CARBORUNDUM COMPANY
SANBORN, NEW YORK

Well ID: **B-48M**

Date	Lab Sample ID	Method	Carbon tetrachloride (µg/L)	Chloroform (µg/L)	1,1-Dichloroethane (µg/L)	1,1-Dichloroethene (µg/L)	Methylene chloride (µg/L)	trans-1,2-Dichloroethene (µg/L)	cis-1,2-Dichloroethene (µg/L)	1,1,1-Trichloroethane (µg/L)	Trichloroethene (µg/L)	Tetrachloroethene (µg/L)	Vinyl chloride (µg/L)	Total
4/20/2000	A0263903	8021	< 1.2	< 1	< 1	< 1	< 2.5	< 1	26	< 1	89	< 1	< 1.8	115
7/17/2000	A0500402	8021	< 1.2	< 1	< 1	< 1	2.9	< 1	32	< 1	48	< 1	5.9	88.8
10/24/2000	A0760706	8021	< 1.2	< 1	< 1	< 1	< 2.5	2.5	70	< 1	32	< 1	14	118.5
1/15/2001	A1041306	8021	< 1.2	< 1	< 1	< 1	< 2.5	5.8	77	< 1	31	< 1	18	131.8
4/25/2001	A1382104	8021	< 1.2	< 1	< 1	< 1	< 2.5	< 1	10	< 1	37	< 1	< 1.8	47
7/11/2001	A1648712	8021	< 1.2	0.84 J	< 1	< 1	1.2 J	2.6	90	< 1	9.6	< 1	25	129.24
10/17/2001	A1A23302	8021	< 2	< 2	< 2	< 2	3.1	< 2	13	< 2	170	< 2	< 2	186.1
1/24/2002	A2076709	8021	< 1.2	< 1	< 1	< 1	< 2.5	0.63 J	9.7	< 1	15	< 1	< 1.8	25.33
4/15/2002	A2370204	8021	< 1.2	< 1	< 1	< 1	< 2.5	0.46 J	7.8	< 1	22	< 1	< 1.8	30.26
7/16/2002	A2722917	8021	< 1.2	< 1	< 1	< 1	< 2.5	0.53 J	8.2	< 1	25	< 1	< 1.8	33.73
10/9/2002	A2A07505	8021	< 1.2	< 1	< 1	< 1	< 2.5	< 1	8.2	< 1	17	< 1	< 1.8	25.2
1/23/2003	A3075203	8021	< 1.2	< 1	< 1	< 1	< 2.5	< 1	7.9	< 1	15	< 1	< 1.8	22.9
4/28/2003	A3399701	8021	< 1.2	< 1	< 1	< 1	< 2.5	1	16	< 1	20	< 1	0.55 J	37.55
7/18/2003	A3689002	8021	< 1.2	< 1	< 1	< 1	< 2.5	0.67 J	12	< 1	13	< 1	< 1.8	25.67
10/22/2003	A3A28304	8021	< 1.2	< 1	< 1	< 1	< 2.5	< 1	10	< 1	13	< 1	< 1.8	23
1/22/2004	A4057103	8021	< 1.2	< 1	< 1	< 1	< 2.5	< 1	3	< 1	6.5	< 1	< 1.8	9.5
4/27/2004	A4387502	8021	< 1.2	< 1	< 1	< 1	< 2.5	< 1	3.2	< 1	8.5	< 1	< 1.8	11.7
7/13/2004	A4663802	8021	< 1.2	< 1	< 1	< 1	< 2.5	< 1	2.6	< 1	6.7	< 1	< 1.8	9.3
10/13/2004	A4A09401	8021	< 1	< 1	< 1	< 1	< 1	< 1	4.1	< 1	6.6	< 1	< 1	10.7
1/12/2005	A5036102	8260	< 1.2	< 1	< 1	< 1	< 2.5	< 1	1.4	< 1	5	< 1	< 1.8	6.4
4/21/2005	A5402002	8260	< 1.2	< 1	< 1	< 1	< 2.5	< 1	1	< 1	4.6	< 1	< 1.8	5.6
7/21/2005	A5768402	8260/5M	< 1.2	< 1	< 1	< 1	< 2.5	< 1	1.6	< 1	5.6	< 1	< 1.8	7.2
10/20/2005	A5B92002	8260	< 1.2	< 1	< 1	< 1	< 2.5	< 1	2.3	< 1	6.1	< 1	< 1.8	8.4
1/24/2006	A6089114	8260	< 1.2	< 1	< 1	< 1	< 2.5	< 1	0.79 J	< 1	2.2	< 1	< 1.8	2.99
4/18/2006	6D19002-01	8260	< 1	< 1	< 1	< 1	2	< 1	< 1	< 1	3	< 1	< 2	5
7/21/2006	6G21018-01	8260	< 1	< 1	< 1	< 1	< 2	< 1	2	< 1	4	< 1	< 2	6
10/12/2006	6J16007-03	8260	< 1	< 1	< 1	< 1	< 2	< 1	< 1	< 1	2	< 1	< 2	2
1/5/2007	7A05012-01	8260	< 1	< 1	< 1	< 1	< 2	< 1	< 1	< 1	2	< 1	< 2	2
4/11/2007	7D12002-01	8260	< 1	< 1	< 1	< 1	< 2	< 1	< 1	< 1	3	< 1	< 2	3
7/12/2007	7G13019-06	8260	< 1	< 1	< 1	< 1	< 2	< 1	< 1	< 1	2	< 1	< 2	2
10/11/2007	7J12012-07	8260	< 1	< 1	< 1	< 1	< 2	< 1	< 1	< 1	1	< 1	< 2	1
1/8/2008	8A09005-02	8260	< 1	< 1	< 1	< 1	< 2	< 1	< 1	< 1	1	< 1	< 2	1
4/10/2008	8D11008-04	8260	< 1	< 1	< 1	< 1	< 2	< 1	< 1	< 1	3	< 1	< 2	3
7/24/2008	5424628	8260	< 1	< 0.8	< 1	< 0.8	< 2	< 0.8	0.95 J	< 0.8	2.9 J	< 0.8	< 1	3.85
10/15/2008	5499971	8260	< 1	< 0.8	< 1	< 0.8	< 2	< 0.8	1.4 J	< 0.8	2.9 J	< 0.8	< 1	4.3
1/14/2009	5577591	8260	< 1	< 0.8	< 1	< 0.8	< 2	< 0.8	1.3 J	< 0.8	2.7 J	< 0.8	< 1	4
4/14/2009	5646767	8260	< 1	< 0.8	< 1	< 0.8	< 2	< 0.8	1 J	< 0.8	2.9 J	< 0.8	< 1	3.9
7/9/2009	5720681	8260	< 1	< 0.8	< 1	< 0.8	< 2	< 0.8	1.1 J	< 0.8	2.4 J	< 0.8	< 1	3.5
10/5/2009	5797960	8260	< 1	< 0.8	< 1	< 0.8	< 2	< 0.8	0.91 J	< 0.8	2.3 J	< 0.8	< 1	3.21
1/21/2010	5889955	8260	< 1	< 0.8	< 1	< 0.8	< 2	< 0.8	< 0.8	< 0.8	< 1	< 0.8	< 1	0
4/14/2010	5954142	8260	< 1	< 0.8	< 1	< 0.8	< 2	< 0.8	< 0.8	< 0.8	1.7 J	< 0.8	< 1	1.7
7/14/2010	6032690	8260	< 1	< 0.8	< 1	< 0.8	< 2	< 0.8	< 0.8	< 0.8	1.7 J	< 0.8	< 1	1.7
10/14/2010	6113374	8260	< 1	< 0.8	< 1	< 0.8	< 2	< 0.8	< 0.8	< 0.8	1.5 J	< 0.8	< 1	1.5
1/25/2011	6191898	8260	< 1	< 0.8	< 1	< 0.8	< 2	< 0.8	< 0.8	< 0.8	< 1	< 0.8	< 1	0
4/18/2011	6261654	8260	< 1	< 0.8	< 1	< 0.8	< 2	< 0.8	< 0.8	< 0.8	1.5 J	< 0.8	< 1	1.5
7/20/2011	6352284	8260	< 1	< 0.8	< 1	< 0.8	< 2	< 0.8	< 0.8	< 0.8	1.2 J	< 0.8	< 1	1.2

< - Indicates parameter was analyzed for, but not detected at or above the reporting limit
To Address the NYSDEC concerns regarding the presentation and plotting of non-detected values, the data for 2001 to 2004 has been reevaluated and interpreted as follows:

1) Non-detected concentrations have been represented as '<' for reporting purposes.
2) Total VOCs have been recalculated and represented as the sum of the detected parameters shown on this table.
3) The method change to 8260 was approved by the NYSDEC and changed in January 2005.

B - The analyte is present in the associated method blank.
D - Result reported from a secondary dilution analysis.
E - Concentration exceeds the calibration range; Result is estimated.
J - Indicates an estimated value.
µg/L - micrograms per liter

Well ID: **B-48M**

Date	Lab Sample ID	Method	Carbon tetrachloride (µg/L)	Chloroform (µg/L)	1,1-Dichloroethane (µg/L)	1,1-Dichloroethene (µg/L)	Methylene chloride (µg/L)	trans-1,2-Dichloroethene (µg/L)	cis-1,2-Dichloroethene (µg/L)	1,1,1-Trichloroethane (µg/L)	Trichloroethene (µg/L)	Tetrachloroethene (µg/L)	Vinyl chloride (µg/L)	Total
10/11/2011	6434705	8260	< 1	< 0.8	< 1	< 0.8	< 2	< 0.8	< 0.8	< 0.8	< 1	< 0.8	< 1	0
1/18/2012	6526474	8260	< 1	< 0.8	< 1	< 0.8	< 2	< 0.8	< 0.8	< 0.8	< 1	< 0.8	< 1	0
4/10/2012	6612012	8260	< 1	< 0.8	< 1	< 0.8	< 2	< 0.8	< 0.8	< 0.8	2.1 J	< 0.8	< 1	2.1
7/18/2012	6726438	8260	< 1	< 0.8	< 1	< 0.8	< 2	< 0.8	< 0.8	< 0.8	< 1	< 0.8	< 1	0
10/2/2012	6810735	8260	< 1	< 0.8	< 1	< 0.8	< 2	< 0.8	< 0.8	< 0.8	< 1	< 0.8	< 1	0
1/22/2013	6931411	8260	< 1	< 0.8	< 1	< 0.8	< 2	< 0.8	< 0.8	< 0.8	1 J	< 0.8	< 1	1
4/3/2013	7010222	8260	< 1	< 0.8	< 1	< 0.8	< 2	< 0.8	< 0.8	< 0.8	1.8 J	< 0.8	< 1	1.8
7/9/2013	7122577	8260	< 1	< 0.8	< 1	< 0.8	< 2	< 0.8	< 0.8	< 0.8	1.2 J	< 0.8	< 1	1.2
11/13/2013	7276543	8260	< 1	< 0.8	< 1	< 0.8	< 2	< 0.8	< 0.8	< 0.8	< 1	< 0.8	< 1	0
1/16/2014	7340028	8260	< 1	< 0.8	< 1	< 0.8	< 2	< 0.8	< 0.8	< 0.8	< 1	< 0.8	< 1	0
4/23/2014	7440681	8260	< 0.5	< 0.5	< 0.5	< 0.5	< 2	< 0.5	< 0.5	< 0.5	3.3	< 0.5	< 0.5	3.3
7/8/2014	7526292	8260	< 0.5	< 0.5	< 0.5	< 0.5	< 2	< 0.5	< 0.5	< 0.5	0.86 J	< 0.5	< 0.5	0.86
10/3/2014	7625311	8260	< 0.5	< 0.5	< 0.5	< 0.5	< 2	< 0.5	< 0.5	< 0.5	0.76 J	< 0.5	< 0.5	0.76
1/7/2015	7732750	8260	< 0.5	< 0.5	< 0.5	< 0.5	< 2	< 0.5	< 0.5	< 0.5	1.2	< 0.5	< 0.5	1.2
4/16/2015	7850968	8260	< 0.5	< 0.5	< 0.5	< 0.5	< 2	< 0.5	< 0.5	< 0.5	1.2	< 0.5	< 0.5	1.2
7/8/2015	7960002	SW8260C	< 0.5	< 0.5	< 0.5	< 0.5	< 2	< 0.5	< 0.5	< 0.5	0.77 J	< 0.5	< 0.5	0.77
10/5/2015	8077925	SW8260C	< 0.5	< 0.5	< 0.5	< 0.5	< 2	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	0
1/6/2016	8197843	SW8260C	< 0.5	< 0.5	< 0.5	< 0.5	< 2	< 0.5	< 0.5	< 0.5	0.5 J	< 0.5	< 0.5	0.5
12/9/2016	240-73270-17	8260C	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	0.33 J	< 1.0	0.66 J	< 1.0	< 1.0	0.99
5/2/2017	240-79083-2	8260C	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	0.57 J	< 1.0	< 1.0	0.57
4/17/2018	240-94331-12	8260C	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	0.68 J	< 1.0	< 1.0	0.68
4/9/2019	240-110803-13	8260C	< 1.0	< 1.0	< 1.0	< 1.0	< 5.0	< 1.0	0.27 J	< 1.0	0.73 J	< 1.0	< 1.0	1
3/30/2020	240-128375-15	8260C	< 1	< 1	< 1.0	< 1.0	< 5	< 1.0	0.22 J	< 1.0	< 1.0	< 1.0	< 1.0	0.22
4/22/2021	240-148022-6	8260C	< 1.0	< 1.0	< 1.0	< 1.0	< 5.0	< 1.0	0.34 J	< 1.0	0.72 J	< 1.0	< 1.0	1.06
4/14/2022	240-165119-8	8260C	< 1.0	< 1.0	< 1.0	< 1.0	< 5.0	< 1.0	< 1.0	< 1.0	0.63 J	< 1.0	< 1.0	0.63
3/20/2023	240-182590-34	8260D	< 1.0	< 1.0	< 1.0	< 1.0	< 5.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	0

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E - Concentration exceeds the calibration range; Result is estimated.
J - Indicates an estimated value.
µg/L - micrograms per liter

MONITORING WELL GROUNDWATER ANALYTICAL RESULT SUMMARY
FORMER CARBORUNDUM COMPANY
SANBORN, NEW YORK

Well ID: **B-49M**

Date	Lab Sample ID	Method	Carbon tetrachloride (µg/L)	Chloroform (µg/L)	1,1-Dichloroethane (µg/L)	1,1-Dichloroethene (µg/L)	Methylene chloride (µg/L)	trans-1,2-Dichloroethene (µg/L)	cis-1,2-Dichloroethene (µg/L)	1,1,1-Trichloroethane (µg/L)	Trichloroethene (µg/L)	Tetrachloroethene (µg/L)	Vinyl chloride (µg/L)	Total
4/20/2000	A0263902	8021	< 1.2	1.4	< 1	< 1	< 2.5	< 1	2	< 1	8	< 1	< 1.8	11.4
7/17/2000	A0500401	8021	< 1.2	< 1	< 1	< 1	< 2.5	< 1	2	< 1	1.6	< 1	< 1.8	3.6
10/24/2000	A0760707	8021	< 1.2	< 1	< 1	< 1	< 2.5	< 1	< 1	< 1	1.1 J	< 1	< 1.8	1.1
1/15/2001	A1041305	8021	< 1.2	< 1	< 1	< 1	< 2.5	< 1	2.2	< 1	0.55 J	< 1	< 1.8	2.75
4/25/2001	A1382103	8021	< 1.2	< 1	< 1	< 1	< 2.5	< 1	0.72 J	< 1	2.3	< 1	< 1.8	3.02
7/11/2001	A1648717	8021	< 1.2	< 1	< 1	< 1	< 2.5	< 1	0.74 J	< 1	1.8	< 1	< 1.8	2.54
10/17/2001	A1A23301	8021	< 2	< 2	< 2	< 2	< 2.5	< 2	2.2	< 2	120	< 2	< 2	122.2
1/24/2002	A2076706	8021	< 2	< 2	< 2	< 2	3.2	< 2	< 2	< 2	< 2	< 2	< 2	3.2
4/15/2002	A2370201	8021	< 1.2	< 1	< 1	< 1	< 2.5	< 1	< 1	< 1	0.45 J	< 1	< 1.8	0.45
7/15/2002	A2722904	8021	< 1.2	< 1	< 1	< 1	< 2.5	< 1	< 1	< 1	< 1.2	< 1	< 1.8	0
10/9/2002	A2A07504	8021	< 1.2	< 1	< 1	< 1	< 2.5	< 1	< 1	< 1	< 1.2	< 1	< 1.8	0
1/22/2003	A3068903	8021	< 1.2	< 1	< 1	< 1	< 2.5	< 1	< 1	< 1	< 1.2	< 1	< 1.8	0
4/23/2003	A3376303	8021	< 1.2	< 1	< 1	< 1	< 2.5	< 1	< 1	< 1	< 1.2	< 1	< 1.8	0
7/18/2003	A3689001	8021	< 1.2	< 1	< 1	< 1	< 2.5	< 1	< 1	< 1	0.31 J	< 1	< 1.8	0.31
10/22/2003	A3A21904	8021	< 1.2	< 1	< 1	< 1	< 2.5	< 1	< 1	< 1	< 1.2	< 1	< 1.8	0
1/22/2004	A4057102	8021	< 1.2	< 1	< 1	< 1	< 2.5	< 1	< 1	< 1	< 1.2	< 1	< 1.8	0
7/13/2004	A4663803	8021	< 1.2	< 1	< 1	< 1	< 2.5	< 1	< 1	< 1	< 1.2	< 1	< 1.8	0
10/13/2004	A4A09402	8021	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	0
1/12/2005	A5036103	8260	< 1.2	< 1	< 1	< 1	< 2.5	< 1	< 1	< 1	< 1.2	< 1	< 1.8	0
4/21/2005	A5402003	8260	< 1.2	< 1	< 1	< 1	< 2.5	< 1	< 1	< 1	< 1.2	< 1	< 1.8	0
7/21/2005	A5768403	8260/5M	< 1.2	< 1	< 1	< 1	< 2.5	< 1	0.51 J	< 1	2.6	< 1	< 1.8	3.11
10/20/2005	A5B92003	8260	< 1.2	< 1	< 1	< 1	< 2.5	< 1	< 1	< 1	< 1.2	< 1	< 1.8	0
1/24/2006	A6089115	8260	< 1.2	< 1	< 1	< 1	< 2.5	< 1	< 1	< 1	< 1.2	< 1	< 1.8	0
4/18/2006	6D19002-02	8260	< 1	< 1	< 1	< 1	2	< 1	< 1	< 1	< 1	< 1	< 2	2
7/21/2006	6G21018-02	8260	< 1	< 1	< 1	< 1	< 2	< 1	< 1	< 1	< 1	< 1	< 2	0
10/12/2006	6J16007-04	8260	< 1	< 1	< 1	< 1	< 2	< 1	< 1	< 1	< 1	< 1	< 2	0
1/5/2007	7A05012-02	8260	< 1	< 1	< 1	< 1	5 B	< 1	< 1	< 1	< 1	< 1	< 2	5
4/11/2007	7D12002-02	8260	< 1	< 1	< 1	< 1	< 2	< 1	< 1	< 1	< 1	< 1	< 2	0
7/12/2007	7G13019-09	8260	< 1	< 1	< 1	< 1	< 2	< 1	< 1	< 1	< 1	< 1	< 2	0
10/11/2007	7J12012-08	8260	< 1	< 1	< 1	< 1	< 2	< 1	< 1	< 1	< 1	< 1	< 2	0
1/8/2008	8A09005-03	8260	< 1	< 1	< 1	< 1	< 2	< 1	< 1	< 1	1	< 1	< 2	1
4/10/2008	8D11008-05	8260	< 1	< 1	< 1	< 1	2	< 1	< 1	< 1	< 1	< 1	< 2	2
7/16/2008	5417445	8260	< 1	< 0.8	< 1	< 0.8	< 2	< 0.8	< 0.8	< 0.8	< 1	< 0.8	< 1	0
10/15/2008	5499972	8260	< 1	< 0.8	< 1	< 0.8	< 2	< 0.8	< 0.8	< 0.8	< 1	< 0.8	< 1	0
1/14/2009	5577588	8260	< 1	< 0.8	< 1	< 0.8	< 2	< 0.8	< 0.8	< 0.8	< 1	< 0.8	< 1	0
4/14/2009	5646768	8260	< 1	< 0.8	< 1	< 0.8	< 2	< 0.8	< 0.8	< 0.8	< 1	< 0.8	< 1	0
7/9/2009	5720679	8260	< 1	< 0.8	< 1	< 0.8	< 2	< 0.8	< 0.8	< 0.8	< 1	< 0.8	< 1	0
10/5/2009	5797959	8260	< 1	< 0.8	< 1	< 0.8	< 2	< 0.8	< 0.8	< 0.8	< 1	< 0.8	< 1	0
1/21/2010	5889957	8260	< 1	< 0.8	< 1	< 0.8	< 2	< 0.8	< 0.8	< 0.8	< 1	< 0.8	< 1	0
4/14/2010	5954141	8260	< 1	< 0.8	< 1	< 0.8	< 2	< 0.8	< 0.8	< 0.8	< 1	< 0.8	< 1	0
7/14/2010	6032691	8260	< 1	< 0.8	< 1	< 0.8	< 2	< 0.8	< 0.8	< 0.8	< 1	< 0.8	< 1	0
10/14/2010	6113375	8260	< 1	< 0.8	< 1	< 0.8	< 2	< 0.8	< 0.8	< 0.8	< 1	< 0.8	< 1	0
1/25/2011	6191901	8260	< 1	< 0.8	< 1	< 0.8	< 2	< 0.8	< 0.8	< 0.8	< 1	< 0.8	< 1	0
4/18/2011	6261655	8260	< 1	< 0.8	< 1	< 0.8	< 2	< 0.8	< 0.8	< 0.8	< 1	< 0.8	< 1	0
7/20/2011	6352287	8260	< 1	< 0.8	< 1	< 0.8	< 2	< 0.8	< 0.8	< 0.8	< 1	< 0.8	< 1	0
10/11/2011	6434706	8260	< 1	< 0.8	< 1	< 0.8	< 2	< 0.8	< 0.8	< 0.8	< 1	< 0.8	< 1	0

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B - The analyte is present in the associated method blank.
D - Result reported from a secondary dilution analysis.
E - Concentration exceeds the calibration range; Result is estimated.
J - Indicates an estimated value.
µg/L - micrograms per liter

Well ID: **B-49M**

Date	Lab Sample ID	Method	Carbon tetrachloride (µg/L)	Chloroform (µg/L)	1,1-Dichloroethane (µg/L)	1,1-Dichloroethene (µg/L)	Methylene chloride (µg/L)	trans-1,2-Dichloroethene (µg/L)	cis-1,2-Dichloroethene (µg/L)	1,1,1-Trichloroethane (µg/L)	Trichloroethene (µg/L)	Tetrachloroethene (µg/L)	Vinyl chloride (µg/L)	Total
1/17/2012	6524428	8260	< 1	< 0.8	< 1	< 0.8	< 2	< 0.8	< 0.8	< 0.8	< 1	< 0.8	< 1	0
4/11/2012	6613965	8260	< 1	< 0.8	< 1	< 0.8	< 2	< 0.8	< 0.8	< 0.8	1.8 J	< 0.8	< 1	1.8
7/18/2012	6726440	8260	< 1	< 0.8	< 1	< 0.8	< 2	< 0.8	< 0.8	< 0.8	< 1	< 0.8	< 1	0
10/2/2012	6810736	8260	< 1	< 0.8	< 1	< 0.8	< 2	< 0.8	< 0.8	< 0.8	< 1	< 0.8	< 1	0
1/22/2013	6931412	8260	< 1	< 0.8	< 1	< 0.8	< 2	< 0.8	< 0.8	< 0.8	< 1	< 0.8	< 1	0
4/3/2013	7010223	8260	< 1	< 0.8	< 1	< 0.8	< 2	< 0.8	< 0.8	< 0.8	< 1	< 0.8	< 1	0
7/9/2013	7122574	8260	< 1	< 0.8	< 1	< 0.8	< 2	< 0.8	< 0.8	< 0.8	< 1	< 0.8	< 1	0
11/13/2013	7276542	8260	< 1	< 0.8	< 1	< 0.8	< 2	< 0.8	< 0.8	< 0.8	< 1	< 0.8	< 1	0
1/16/2014	7340034	8260	< 1	< 0.8	< 1	< 0.8	< 2	< 0.8	< 0.8	< 0.8	< 1	< 0.8	< 1	0
4/23/2014	7440683	8260	< 0.5	< 0.5	< 0.5	< 0.5	< 2	< 0.5	< 0.5	< 0.5	1.6	< 0.5	< 0.5	1.6
7/8/2014	7526293	8260	< 0.5	< 0.5	< 0.5	< 0.5	< 2	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	0
10/3/2014	7625310	8260	< 0.5	< 0.5	< 0.5	< 0.5	< 2	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	0
1/7/2015	7732747	8260	< 0.5	< 0.5	< 0.5	< 0.5	< 2	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	0
4/16/2015	7850969	8260	< 0.5	< 0.5	< 0.5	< 0.5	< 2	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	0
7/8/2015	7960013	SW8260C	< 0.5	< 0.5	< 0.5	< 0.5	< 2	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	0
10/5/2015	8077924	SW8260C	< 0.5	< 0.5	< 0.5	< 0.5	< 2	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	0
1/6/2016	8197842	SW8260C	< 0.5	< 0.5	< 0.5	< 0.5	< 2	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	0
12/9/2016	240-73270-16	8260C	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	0
4/26/2017	240-78855-7	8260C	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	0.38 J	< 1.0	< 1.0	< 1.0	< 1.0	0.38
4/17/2018	240-94331-16	8260C	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	0.39 J	< 1.0	< 1.0	< 1.0	< 1.0	0.39
4/9/2019	240-110803-14	8260C	< 1.0	< 1.0	0.26 J	< 1.0	< 5.0	< 1.0	0.61 J	< 1.0	0.10 J	< 1.0	< 1.0	0.97
3/30/2020	240-128375-16	8260C	< 1	< 1	0.24 J	< 1.0	< 5	< 1.0	0.50 J	< 1.0	< 1.0	< 1.0	< 1.0	0.74
4/22/2021	240-148022-5	8260C	< 1.0	< 1.0	0.32 J	< 1.0	< 5.0	< 1.0	0.68 J	< 1.0	0.11 J	< 1.0	< 1.0	1.11
4/14/2022	240-165119-9	8260C	< 1.0	< 1.0	< 1.0	< 1.0	< 5.0	< 1.0	0.57 J	< 1.0	< 1.0	< 1.0	< 1.0	0.57
3/20/2023	240-182590-43	8260D	< 1.0	< 1.0	< 1.0	< 1.0	< 5.0	< 1.0	0.61 J	< 1.0	< 1.0	< 1.0	< 1.0	0.61

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To Address the NYSDEC concerns regarding the presentation and plotting of non-detected values, the data for 2001 to 2004 has been reevaluated and interpreted as follows:

1) Non-detected concentrations have been represented as '<' for reporting purposes.
2) Total VOCs have been recalculated and represented as the sum of the detected parameters shown on this table.
3) The method change to 8260 was approved by the NYSDEC and changed in January 2005.

B - The analyte is present in the associated method blank.
D - Result reported from a secondary dilution analysis.
E - Concentration exceeds the calibration range; Result is estimated.
J - Indicates an estimated value.
µg/L - micrograms per liter

MONITORING WELL GROUNDWATER ANALYTICAL RESULT SUMMARY
FORMER CARBORUNDUM COMPANY
SANBORN, NEW YORK

Well ID: B-50M

Date	Lab Sample ID	Method	Carbon tetrachloride (µg/L)	Chloroform (µg/L)	1,1-Dichloroethane (µg/L)	1,1-Dichloroethene (µg/L)	Methylene chloride (µg/L)	trans-1,2-Dichloroethene (µg/L)	cis-1,2-Dichloroethene (µg/L)	1,1,1-Trichloroethane (µg/L)	Trichloroethene (µg/L)	Tetrachloroethene (µg/L)	Vinyl chloride (µg/L)	Total
10/14/1999		8260	< 1.2	< 1	< 1	< 1	< 2.5	< 1	1.3	< 1	13	< 1	< 1.8	14.3
1/11/2000	A0018406	8021	< 1.2	< 1	< 1	< 1	< 2.5	< 1	1.6	< 1	12	< 1	< 1.8	13.6
4/19/2000	A0259401	8021	< 1.2	< 1	< 1	< 1	< 2.5	< 1	1.9	< 1	11	< 1	< 1.8	12.9
7/11/2000	A0483114	8021	< 1.2	< 1	< 1	< 1	< 2.5	< 1	0.39 J	< 1	8.3	< 1	< 1.8	8.69
10/18/2000	A0751308	8021	< 1.2	< 1	< 1	< 1	< 2.5	< 1	0.28 J	< 1	6.9	< 1	< 1.8	7.18
1/16/2001	A1043903	8021	< 1.2	< 1	< 1	< 1	< 2.5	< 1	1.7	< 1	5.8	< 1	< 1.8	7.5
4/17/2001	A1345703	624	< 1.2	< 1.5	< 1.8	< 1.4	< 2.5	< 1.8	< 1.4	< 1.1	8.6	< 1.1	< 1.8	8.6
7/13/2001	A1663810	8021	< 1.2	< 1	< 1	< 1	< 2.5	< 1	0.32 J	< 1	6	< 1	< 1.8	6.32
10/10/2001	A1994704	8021	< 1.2	< 1	< 1	< 1	< 2.5	< 1	0.38 J	< 1	6.1	< 1	< 1.8	6.48
1/22/2002	A2066011	8021	< 1.2	< 1	< 1	< 1	< 2.5	< 1	2.2	< 1	10	< 1	< 1.8	12.2
4/11/2002	A2348303	8021	< 1.2	< 1	< 1	< 1	< 2.5	< 1	4.7	< 1	16	< 1	< 1.8	20.7
7/12/2002	A2713908	8021	< 1.2	< 1	< 1	< 1	< 2.5	< 1	7.2	< 1	19	< 1	< 1.8	26.2
10/8/2002	A2999310	8021	< 1.2	< 1	< 1	< 1	< 2.5	0.26 J	6	< 1	10	< 1	< 1.8	16.26
1/20/2003	A3060802	8021	< 1.2	< 1	< 1	< 1	< 2.5	< 1	1.9	< 1	9.8	< 1	< 1.8	11.7
4/29/2003	A3398703	8021	< 1.2	< 1	< 1	< 1	< 2.5	< 1	2.4	< 1	18	< 1	< 1.8	20.4
7/16/2003	A3683702	8021	< 1.2	< 1	< 1	< 1	< 2.5	0.2 J	3.6	< 1	14	< 1	< 1.8	17.8
10/16/2003	A3A09001	8021	< 1.2	< 1	< 1	< 1	< 2.5	< 1	< 1	< 1	< 1.2	< 1	< 1.8	0
4/23/2004	A4373002	8021	< 1.2	< 1	< 1	< 1	< 2.5	< 1	23	< 1	28	< 1	< 1.8	51
7/20/2004	A4682801	8021	< 1.2	< 1	< 1	< 1	< 2.5	< 1	20 E	< 1	30 E	< 1	< 1.8	50
7/20/2004	A4682801	8260	< 1.2	< 1	< 1	< 1	< 2.5	0.98 J	19	< 1	34	< 1	0.92 J	54.9
10/22/2004	A4A48002	8021	< 1	< 1	< 1	< 1	< 1	0.87 J	23	< 1	32	< 1	0.59 J	56.46
1/17/2005	A5044301	8260	< 1.2	< 1	< 1	< 1	< 2.5	0.67 J	12	< 1	27	< 1	< 1.8	39.67
4/19/2005	A5387501	8260	< 1.2	< 1	< 1	< 1	< 2.5	1.1	16	< 1	55 D	< 1	< 1.8	72.1
7/22/2005	A5778501	8260/5M	< 1.2	< 1	< 1	< 1	< 2.5	1.2	15	< 1	51	< 1	< 1.8	67.2
7/18/2006	6G19003-11	8260	< 1	< 1	< 1	< 1	< 2	< 1	14	< 1	44	< 1	< 2	58
7/12/2007	7G13019-01	8260	< 1	< 1	< 1	< 1	< 2	< 1	19	< 1	69	< 1	< 2	88
7/22/2008	5422168	8260	< 1	< 0.8	< 1	< 0.8	< 2	1.6 J	25	< 0.8	91	< 0.8	< 1	117.6
7/9/2009	5720686	8260	< 1	< 0.8	< 1	< 0.8	< 2	< 0.8	9.2	< 0.8	51	< 0.8	< 1	60.2
7/20/2010	6038215	8260	< 1	< 0.8	< 1	< 0.8	< 2	0.9 J	10	< 0.8	49	< 0.8	< 1	59.9
7/21/2011	6353676	8260	< 1	< 0.8	< 1	< 0.8	< 2	1 J	13	< 0.8	53	< 0.8	< 1	67
7/17/2012	6723847	8260	< 1	< 0.8	< 1	< 0.8	< 2	1.1 J	13	< 0.8	58	< 0.8	< 1	72.1
7/15/2013	7128201	8260	< 1	< 0.8	< 1	< 0.8	< 2	1.4 J	20	< 0.8	83	< 0.8	< 1	104.4
7/10/2014	7529505	8260	< 0.5	< 0.5	< 0.5	< 0.5	< 2	1.6	25	< 0.5	100	< 0.5	< 0.5	126.6
7/6/2015	7956064	SW8260C	< 0.5	0.65 J	< 0.5	< 0.5	< 2	1.5	23	< 0.5	89	< 0.5	< 0.5	114.15
12/7/2016	240-73270-4	8260C	< 3.3	< 3.3	< 3.3	< 3.3	< 3.3	1.2 J	15	< 3.3	78	< 3.3	< 3.3	94.2
5/4/2017	240-79160-9	8260C	< 2.5	< 2.5	< 2.5	< 2.5	< 2.5	1.3 J	17	< 2.5	75	< 2.5	< 2.5	93.3
11/3/2017	240-87694-5	8260C	< 2.5	< 2.5	< 2.5	< 2.5	< 2.5	1.6 J	20	< 2.5	86	< 2.5	< 2.5	107.6
4/13/2018	240-94116-17	8260C	< 5.0	< 5.0	< 5.0	< 5.0	16	1.8 J	21	< 5.0	130	< 5.0	< 5.0	168.8
9/28/2018	240-102125-17	8260C	< 2.0	0.30 J	< 2.0	< 2.0	< 10	1.6 J	20	< 2.0	94	< 2.0	< 2.0	115.9
4/4/2019	240-110627-13	8260C	< 2.0	0.32 J	< 2.0	< 2.0	< 10	1.7 J	25	< 2.0	88	< 2.0	0.43 J	115.45
11/21/2019	240-122893-4	624.1_L	< 2.5	< 2.5	< 2.5	< 2.5	< 13	2.1	28	< 2.5	130	< 2.5	< 2.5	160.1
3/25/2020	240-128236-8	8260C	< 5.0	< 5.0	< 5.0	< 5.0	< 25	2.0 J	24	< 5.0	120	< 5.0	< 5.0	146
10/29/2020	240-139252-6	8260C	< 5.0	< 5.0	< 5.0	< 5.0	< 25	1.8 J	18	< 5.0	110	< 5.0	< 5.0	129.8
4/23/2021	240-148185-4	8260C	< 5.0	< 5.0	< 5.0	< 5.0	< 25	1.5 J	20	< 5.0	94	< 5.0	< 5.0	115.5
10/27/2021	240-159076-12	8260C	< 5.0	< 5.0	< 5.0	< 5.0	< 25	< 5.0	28	< 5.0	130	< 5.0	< 5.0	158
4/13/2022	240-165066-9	8260C	< 5.0	< 5.0	< 5.0	< 5.0	< 25	< 5.0	26	< 5.0	130	< 5.0	< 5.0	156

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2) Total VOCs have been recalculated and represented as the sum of the detected parameters shown on this table.
3) The method change to 8260 was approved by the NYSDEC and changed in January 2005.

B - The analyte is present in the associated method blank.
D - Result reported from a secondary dilution analysis.
E - Concentration exceeds the calibration range; Result is estimated.
J - Indicates an estimated value.
µg/L - micrograms per liter

Well ID: **B-50M**

Date	Lab Sample ID	Method	Carbon tetrachloride (µg/L)	Chloroform (µg/L)	1,1-Dichloroethane (µg/L)	1,1-Dichloroethene (µg/L)	Methylene chloride (µg/L)	trans-1,2-Dichloroethene (µg/L)	cis-1,2-Dichloroethene (µg/L)	1,1,1-Trichloroethane (µg/L)	Trichloroethene (µg/L)	Tetrachloroethene (µg/L)	Vinyl chloride (µg/L)	Total
10/19/2022	240-175103-11	8260D	< 5.0	< 5.0	< 5.0	< 5.0	< 25	< 5.0	18	< 5.0	110	< 5.0	< 5.0	128
3/24/2023	240-182590-11	8260D	< 5.0	< 5.0	< 5.0	< 5.0	< 25	< 5.0	31	< 5.0	140	< 5.0	< 5.0	171
10/20/2023	240-194049-19	8260D	< 5.0	< 5.0	< 5.0	< 5.0	< 25	< 5.0	29	< 5.0	150	< 5.0	< 5.0	179

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2) Total VOCs have been recalculated and represented as the sum of the detected parameters shown on this table.
3) The method change to 8260 was approved by the NYSDEC and changed in January 2005.

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D - Result reported from a secondary dilution analysis.
E - Concentration exceeds the calibration range; Result is estimated.
J - Indicates an estimated value.
µg/L - micrograms per liter

MONITORING WELL GROUNDWATER ANALYTICAL RESULT SUMMARY
FORMER CARBORUNDUM COMPANY
SANBORN, NEW YORK

Well ID: **B-51M**

Date	Lab Sample ID	Method	Carbon tetrachloride (µg/L)	Chloroform (µg/L)	1,1-Dichloroethane (µg/L)	1,1-Dichloroethene (µg/L)	Methylene chloride (µg/L)	trans-1,2-Dichloroethene (µg/L)	cis-1,2-Dichloroethene (µg/L)	1,1,1-Trichloroethane (µg/L)	Trichloroethene (µg/L)	Tetrachloroethene (µg/L)	Vinyl chloride (µg/L)	Total
10/14/1999		8260	< 1.2	< 1	< 1	< 1	< 2.5	< 1	< 1	< 1	< 1.2	< 1	< 1.8	0
1/11/2000	A0018405	8021	< 1.2	< 1	< 1	< 1	< 2.5	< 1	< 1	< 1	< 1.2	< 1	< 1.8	0
4/19/2000	A0259402	8021	< 1.2	< 1	< 1	< 1	< 2.5	< 1	< 1	< 1	< 1.2	< 1	< 1.8	0
7/11/2000	A0483113	8021	< 1.2	< 1	< 1	< 1	< 2.5	< 1	< 1	< 1	< 1.2	< 1	< 1.8	0
10/18/2000	A0751307	8021	< 1.2	< 1	< 1	< 1	< 2.5	< 1	< 1	< 1	< 1.2	< 1	< 1.8	0
1/16/2001	A1043904	8021	< 1.2	< 1	< 1	< 1	< 2.5	< 1	< 1	< 1	< 1.2	< 1	< 1.8	0
4/17/2001	A1345701	624	< 1.2	< 1.5	< 1.8	< 1.4	< 2.5	< 1.8	< 1.4	< 1.1	< 1.2	< 1.1	< 1.8	0
7/13/2001	A1663815	8021	< 1.2	< 1	< 1	< 1	< 2.5	< 1	< 1	< 1	< 1.2	< 1	< 1.8	0
10/10/2001	A1994705	8021	< 1.2	< 1	< 1	< 1	< 2.5	< 1	< 1	< 1	< 1.2	< 1	< 1.8	0
1/17/2002	A2058503	8021	< 1.2	< 1	< 1	< 1	< 2.5	< 1	< 1	< 1	< 1.2	< 1	< 1.8	0
4/9/2002	A2332610	8260	< 1.2	< 1	< 1	< 1	< 2.5	< 1	< 1	< 1	< 1.2	< 1	< 1.8	0
7/10/2002	A2708307	8021	< 1.2	< 1	< 1	< 1	< 2.5	< 1	< 1	< 1	< 1.2	< 1	< 1.8	0
10/3/2002	A2980613	8021	< 1.2	< 1	< 1	< 1	< 2.5	< 1	< 1	< 1	< 1.2	< 1	< 1.8	0
1/15/2003	A3043009	8021	< 1.2	< 1	< 1	< 1	< 2.5	< 1	< 1	< 1	< 1.2	< 1	< 1.8	0
4/17/2003	A3361703	8021	< 1.2	< 1	< 1	< 1	< 2.5	< 1	< 1	< 1	< 1.2	< 1	< 1.8	0
7/15/2003	A3670610	8021	< 1.2	< 1	< 1	< 1	< 2.5	< 1	< 1	< 1	< 1.2	< 1	< 1.8	0
10/16/2003	A3A08902	8021	< 1.2	< 1	< 1	< 1	< 2.5	< 1	< 1	< 1	< 1.2	< 1	< 1.8	0
7/20/2004	A4682901	8021	< 1.2	< 1	< 1	< 1	< 2.5	< 1	< 1	< 1	< 1.2	< 1	< 1.8	0
4/22/2005	A5402102	8260	< 1.2	< 1	< 1	< 1	< 2.5	< 1	< 1	< 1	< 1.2	< 1	< 1.8	0
7/22/2005	A5778403	8260/5M	< 1.2	< 1	< 1	< 1	< 2.5	< 1	< 1	< 1	< 1.2	< 1	< 1.8	0
7/18/2006	6G19003-12	8260	< 1	< 1	< 1	< 1	4 B	< 1	< 1	< 1	< 1	< 1	< 2	4
7/11/2007	7G12003-08	8260	< 1	< 1	< 1	< 1	< 2	< 1	< 1	< 1	< 1	< 1	< 2	0
7/22/2008	5422169	8260	< 1	< 0.8	< 1	< 0.8	< 2	< 0.8	< 0.8	< 0.8	< 1	< 0.8	< 1	0
7/9/2009	5720688	8260	< 1	< 0.8	< 1	< 0.8	< 2	< 0.8	< 0.8	< 0.8	< 1	< 0.8	< 1	0

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2) Total VOCs have been recalculated and represented as the sum of the detected parameters shown on this table.
3) The method change to 8260 was approved by the NYSDEC and changed in January 2005.

B - The analyte is present in the associated method blank.
D - Result reported from a secondary dilution analysis.
E - Concentration exceeds the calibration range; Result is estimated.
J - Indicates an estimated value.
µg/L - micrograms per liter

MONITORING WELL GROUNDWATER ANALYTICAL RESULT SUMMARY
FORMER CARBORUNDUM COMPANY
SANBORN, NEW YORK

Well ID: **B-52M**

Date	Lab Sample ID	Method	Carbon tetrachloride (µg/L)	Chloroform (µg/L)	1,1-Dichloroethane (µg/L)	1,1-Dichloroethene (µg/L)	Methylene chloride (µg/L)	trans-1,2-Dichloroethene (µg/L)	cis-1,2-Dichloroethene (µg/L)	1,1,1-Trichloroethane (µg/L)	Trichloroethene (µg/L)	Tetrachloroethene (µg/L)	Vinyl chloride (µg/L)	Total
10/14/1999		8260	< 1.2	< 1	< 1	< 1	< 2.5	< 1	< 1	< 1	< 1.2	< 1	< 1.8	0
1/11/2000	A0018411	8021	< 1.2	< 1	< 1	< 1	< 2.5	< 1	< 1	< 1	< 1.2	< 1	< 1.8	0
4/25/2000	A0275213	8021	< 1.2	< 1	< 1	< 1	< 2.5	< 1	< 1	< 1	< 1.2	< 1	< 1.8	0
7/12/2000	A0483102	8021	< 1.2	< 1	< 1	< 1	< 2.5	< 1	< 1	< 1	< 1.2	< 1	< 1.8	0
10/24/2000	A0760704	8021	< 1.2	< 1	< 1	< 1	< 2.5	< 1	< 1	< 1	< 1.2	< 1	< 1.8	0
1/18/2001	A1052402	8021	< 1.2	< 1	< 1	< 1	< 2.5	< 1	< 1	< 1	< 1.2	< 1	< 1.8	0
4/17/2001	A1345706	624	< 1.2	< 1.5	< 1.8	< 1.4	< 2.5	< 1.8	< 1.4	< 1.1	< 1.2	< 1.1	< 1.8	0
7/16/2001	A1674107	8021	< 1.2	< 1	< 1	< 1	< 2.5	< 1	< 1	< 1	< 1.2	< 1	< 1.8	0
10/16/2001	A1A17407	8021	< 1.2	< 1	< 1	< 1	< 2.5	< 1	< 1	< 1	< 1.2	< 1	< 1.8	0
1/17/2002	A2058504	8021	< 1.2	< 1	< 1	< 1	< 2.5	< 1	< 1	< 1	< 1.2	< 1	< 1.8	0
4/16/2002	A2369802	8021	< 1.2	< 1	< 1	< 1	< 2.5	< 1	< 1	< 1	< 1.2	< 1	< 1.8	0
7/11/2002	A2708308	8021	< 1.2	< 1	< 1	< 1	< 2.5	< 1	< 1	< 1	< 1.2	< 1	< 1.8	0
10/11/2002	A2A14501	8021	< 1.2	< 1	< 1	< 1	< 2.5	< 1	< 1	< 1	< 1.2	< 1	< 1.8	0
1/16/2003	A3056005	8021	< 1.2	< 1	< 1	< 1	< 2.5	< 1	< 1	< 1	< 1.2	< 1	< 1.8	0
4/7/2003	A3320705	8021	< 1.2	< 1	< 1	< 1	< 2.5	< 1	< 1	< 1	< 1.2	< 1	< 1.8	0
7/2/2003	A3639702	8021	< 1.2	< 1	< 1	< 1	< 2.5	< 1	< 1	< 1	< 1.2	< 1	< 1.8	0
10/10/2003	A3983801	8021	< 1.2	< 1	< 1	< 1	< 2.5	< 1	< 1	< 1	< 1.2	< 1	< 1.8	0
6/30/2004	A4619401	8021	< 1.2	< 1	< 1	< 1	< 2.5	< 1	< 1	< 1	< 1.2	< 1	< 1.8	0
4/6/2005	A5317601	8260	< 1.2	< 1	< 1	< 1	< 2.5	< 1	< 1	< 1	< 1.2	< 1	< 1.8	0
7/7/2005	A5706804	8260	< 1.2	< 1	< 1	< 1	< 2.5	< 1	< 1	< 1	< 1.2	< 1	< 1.8	0
7/19/2006	6G20004-04	8260	< 1	< 1	< 1	< 1	< 2	< 1	< 1	< 1	< 1	< 1	< 2	0
7/12/2007	7G13019-02	8260	< 1	< 1	< 1	< 1	< 2	< 1	< 1	< 1	< 1	< 1	< 2	0
7/22/2008	5422160	8260	< 1	< 0.8	< 1	< 0.8	< 2	< 0.8	< 0.8	< 0.8	< 1	< 0.8	< 1	0
7/9/2009	5720691	8260	< 1	< 0.8	< 1	< 0.8	< 2	< 0.8	< 0.8	< 0.8	< 1	< 0.8	< 1	0
7/20/2010	6038217	8260	< 1	< 0.8	< 1	< 0.8	< 2	< 0.8	< 0.8	< 0.8	< 1	< 0.8	< 1	0
7/21/2011	6353671	8260	< 1	< 0.8	< 1	< 0.8	< 2	< 0.8	< 0.8	< 0.8	< 1	< 0.8	< 1	0
7/17/2012	6723842	8260	< 1	< 0.8	< 1	< 0.8	< 2	< 0.8	< 0.8	< 0.8	< 1	< 0.8	< 1	0
7/15/2013	7128207	8260	< 1	< 0.8	< 1	< 0.8	< 2	< 0.8	< 0.8	< 0.8	< 1	< 0.8	< 1	0
7/10/2014	7529513	8260	< 0.5	< 0.5	< 0.5	< 0.5	< 2	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	0
7/6/2015	7956065	SW8260C	< 0.5	< 0.5	< 0.5	< 0.5	< 2	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	0
12/7/2016	240-73270-3	8260C	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	0
5/4/2017	240-79160-7	8260C	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	0
4/13/2018	240-94116-18	8260C	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	0
4/4/2019	240-110627-11	8260C	< 1.0	< 1.0	< 1.0	< 1.0	< 5.0	< 1.0	0.27 J	< 1.0	< 1.0	< 1.0	< 1.0	0.27
3/25/2020	240-128236-9	8260C	< 1.0	< 1.0	< 1.0	< 1.0	< 5.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	0
4/23/2021	240-148185-1	8260C	< 1.0	< 1.0	< 1.0	< 1.0	4.5 J	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	4.5
4/13/2022	240-165066-10	8260C	< 1.0	< 1.0	< 1.0	< 1.0	< 5.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	0
3/24/2023	240-182590-27	8260D	< 1.0	< 1.0	< 1.0	< 1.0	< 5.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	0

< - Indicates parameter was analyzed for, but not detected at or above the reporting limit
To Address the NYSDEC concerns regarding the presentation and plotting of non-detected values, the data for 2001 to 2004 has been reevaluated and interpreted as follows:
1) Non-detected concentrations have been represented as '<' for reporting purposes.
2) Total VOCs have been recalculated and represented as the sum of the detected parameters shown on this table.
3) The method change to 8260 was approved by the NYSDEC and changed in January 2005.

B - The analyte is present in the associated method blank.
D - Result reported from a secondary dilution analysis.
E - Concentration exceeds the calibration range; Result is estimated.
J - Indicates an estimated value.
µg/L - micrograms per liter

MONITORING WELL GROUNDWATER ANALYTICAL RESULT SUMMARY
FORMER CARBORUNDUM COMPANY
SANBORN, NEW YORK

Well ID: **B-53M**

Date	Lab Sample ID	Method	Carbon tetrachloride (µg/L)	Chloroform (µg/L)	1,1-Dichloroethane (µg/L)	1,1-Dichloroethene (µg/L)	Methylene chloride (µg/L)	trans-1,2-Dichloroethene (µg/L)	cis-1,2-Dichloroethene (µg/L)	1,1,1-Trichloroethane (µg/L)	Trichloroethene (µg/L)	Tetrachloroethene (µg/L)	Vinyl chloride (µg/L)	Total
10/14/1999		8260	< 1.2	4.5	< 1	< 1	< 2.5	< 1	< 1	< 1	2.3	< 1	< 1.8	6.8
1/11/2000	A0018410	8021	< 1.2	0.23 J	< 1	< 1	< 2.5	< 1	0.54 J	< 1	7.5	< 1	< 1.8	8.27
4/25/2000	A0275215	8021	< 1.2	< 1	< 1	< 1	< 2.5	< 1	0.21 J	< 1	7.1	< 1	< 1.8	7.31
7/12/2000	A0483101	8021	< 1.2	< 1	< 1	< 1	< 2.5	< 1	< 1	< 1	4.8	< 1	< 1.8	4.8
10/24/2000	A0760703	8021	< 1.2	< 1	< 1	< 1	< 2.5	< 1	< 1	< 1	5.1	< 1	< 1.8	5.1
1/18/2001	A1052403	8021	< 1.2	< 1	< 1	< 1	< 2.5	< 1	0.44 J	< 1	4.6	< 1	< 1.8	5.04
4/17/2001	A1345705	624	< 1.2	< 1.5	< 1.8	< 1.4	< 2.5	< 1.8	< 1.4	< 1.1	5.8	< 1.1	< 1.8	5.8
7/16/2001	A1674105	8021	< 1.2	< 1	< 1	< 1	< 2.5	< 1	0.2 J	< 1	3.8	< 1	< 1.8	4
10/16/2001	A1A17408	8021	< 1.2	< 1	< 1	< 1	< 2.5	< 1	0.32 J	< 1	7.1	< 1	< 1.8	7.42
1/22/2002	A2066010	8021	< 1.2	< 1	< 1	< 1	< 2.5	< 1	< 1	< 1	3.8	< 1	< 1.8	3.8
4/17/2002	A2378403	8021	< 1.2	< 1	< 1	< 1	< 2.5	< 1	1.4	< 1	4.2	< 1	< 1.8	5.6
7/12/2002	A2713905	8021	< 1.2	< 1	< 1	< 1	< 2.5	< 1	1.6	< 1	5.1	< 1	< 1.8	6.7
10/11/2002	A2A14601	8021	< 1.2	< 1	< 1	< 1	< 2.5	< 1	1.6	< 1	12	< 1	< 1.8	13.6
1/20/2003	A3060803	8021	< 1.2	< 1	< 1	< 1	< 2.5	< 1	1.4	< 1	7.4	< 1	< 1.8	8.8
4/9/2003	A3329508	8021	< 1.2	< 1	< 1	< 1	< 2.5	< 1	1.6	< 1	11	< 1	< 1.8	12.6
7/8/2003	A3649107	8021	< 1.2	< 1	< 1	< 1	< 2.5	< 1	0.6 J	< 1	8	< 1	< 1.8	8.6
10/13/2003	A3991404	8021	< 1.2	< 1	< 1	< 1	< 2.5	< 1	1.2	< 1	7.6	< 1	< 1.8	8.8
4/13/2004	A4331801	8021	< 1.2	< 1	< 1	< 1	< 2.5	< 1	2.6	< 1	4.9	< 1	< 1.8	7.5
7/7/2004	A4636501	8021	< 1.2	< 1	< 1	< 1	< 2.5	< 1	2.5	< 1	4.6	< 1	< 1.8	7.1
10/22/2004	A4A48003	8021	< 1	< 1	< 1	< 1	< 1	< 1	1.9	< 1	9.8	< 1	< 1	11.7
1/13/2005	A5036205	8260	< 1.2	< 1	< 1	< 1	< 2.5	< 1	2.1	< 1	3.5	< 1	1 J	6.6
4/6/2005	A5317805	8260	< 1.2	< 1	< 1	< 1	< 2.5	< 1	1.8	< 1	2.1	< 1	< 1.8	3.9
7/7/2005	A5706901	8260/5M	< 1.2	< 1	< 1	< 1	< 2.5	< 1	1.9	< 1	1.8	< 1	< 1.8	3.7
7/19/2006	6G20004-03	8260	< 1	< 1	< 1	< 1	< 2	< 1	2	< 1	2	< 1	< 2	4
7/12/2007	7G13019-03	8260	< 1	< 1	< 1	< 1	< 2	< 1	2	< 1	2	< 1	< 2	4
7/22/2008	5422161	8260	< 1	< 0.8	< 1	< 0.8	< 2	< 0.8	6.9	< 0.8	26	< 0.8	< 1	32.9
7/9/2009	5720692	8260	< 1	< 0.8	< 1	< 0.8	< 2	< 0.8	2.9 J	< 0.8	9.4	< 0.8	< 1	12.3
7/20/2010	6038218	8260	< 1	< 0.8	< 1	< 0.8	< 2	< 0.8	1.7 J	< 0.8	13	< 0.8	< 1	14.7
4/13/2011	6258129	8260	< 1	< 0.8	< 1	< 0.8	< 2	< 0.8	3 J	< 0.8	16	< 0.8	< 1	19
7/21/2011	6353670	8260	< 1	< 0.8	< 1	< 0.8	< 2	< 0.8	2 J	< 0.8	9.3	< 0.8	< 1	11.3
7/17/2012	6723845	8260	< 1	< 0.8	< 1	< 0.8	< 2	< 0.8	3 J	< 0.8	12	< 0.8	< 1	15
7/15/2013	7128206	8260	< 1	< 0.8	< 1	< 0.8	< 2	< 0.8	1.3 J	< 0.8	6.7	< 0.8	< 1	8
7/10/2014	7529514	8260	< 0.5	< 0.5	< 0.5	< 0.5	< 2	< 0.5	0.94 J	< 0.5	1.6	< 0.5	< 0.5	2.54
7/6/2015	7956068	SW8260C	< 0.5	1.8	< 0.5	< 0.5	< 2	< 0.5	1.2	< 0.5	3.4	< 0.5	< 0.5	6.4
12/7/2016	240-73270-2	8260C	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	4.3	< 1.0	12	< 1.0	0.48 J	16.78
5/4/2017	240-79160-8	8260C	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	2.2	< 1.0	3.7	< 1.0	0.61 J	6.51
4/13/2018	240-94116-1	8260C	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	2.7	< 1.0	2.5	< 1.0	0.74 J	5.94
4/4/2019	240-110627-12	8260C	< 1.0	< 1.0	< 1.0	< 1.0	< 5.0	< 1.0	2.2	< 1.0	3.9	< 1.0	0.34 J	6.44
3/25/2020	240-128236-10	8260C	< 1.0	< 1.0	< 1.0	< 1.0	< 5.0	< 1.0	2.3	< 1.0	1.6	< 1.0	0.61 J	4.51
4/23/2021	240-148185-2	8260C	< 1.0	< 1.0	< 1.0	< 1.0	4.5 J	< 1.0	2	< 1.0	5.4	< 1.0	< 1.0	11.9
4/13/2022	240-165065-1	8260C	< 1.0	< 1.0	< 1.0	< 1.0	< 5.0	< 1.0	2.1	< 1.0	1.5	< 1.0	0.68 J	4.28
3/24/2023	240-182590-35	8260D	< 1.0	< 1.0	< 1.0	< 1.0	< 5.0	< 1.0	2.6	< 1.0	2.5	< 1.0	0.50 J	5.6

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2) Total VOCs have been recalculated and represented as the sum of the detected parameters shown on this table.
3) The method change to 8260 was approved by the NYSDEC and changed in January 2005.

B - The analyte is present in the associated method blank.
D - Result reported from a secondary dilution analysis.
E - Concentration exceeds the calibration range; Result is estimated.
J - Indicates an estimated value.
µg/L - micrograms per liter

MONITORING WELL GROUNDWATER ANALYTICAL RESULT SUMMARY
FORMER CARBORUNDUM COMPANY
SANBORN, NEW YORK

Well ID: **B-54M**

Date	Lab Sample ID	Method	Carbon tetrachloride (µg/L)	Chloroform (µg/L)	1,1-Dichloroethane (µg/L)	1,1-Dichloroethene (µg/L)	Methylene chloride (µg/L)	trans-1,2-Dichloroethene (µg/L)	cis-1,2-Dichloroethene (µg/L)	1,1,1-Trichloroethane (µg/L)	Trichloroethene (µg/L)	Tetrachloroethene (µg/L)	Vinyl chloride (µg/L)	Total
10/18/1999		8260	< 1.2	0.35 J	< 1	< 1	< 2.5	< 1	< 1	< 1	< 1.2	< 1	< 1.8	0.35
1/11/2000	A0018409	8021	< 1.2	< 1	< 1	< 1	< 2.5	< 1	< 1	< 1	< 1.2	< 1	< 1.8	0
4/25/2000	A0275214	8021	< 1.2	< 1	< 1	< 1	< 2.5	< 1	2.1	< 1	9.1	< 1	< 1.8	11.2
7/12/2000	A0483115	8021	< 1.2	< 1	< 1	< 1	< 2.5	< 1	< 1	< 1	0.74 J	< 1	< 1.8	0.74
10/24/2000	A0760702	8021	< 1.2	< 1	< 1	< 1	< 2.5	< 1	< 1	< 1	< 1.2	< 1	< 1.8	0
1/22/2001	A1063401	8021	< 1.2	< 1	< 1	< 1	< 2.5	< 1	< 1	< 1	< 1.2	< 1	< 1.8	0
4/18/2001	A1361305	624	< 0.24	< 0.3	< 0.36	< 0.28	< 0.5	< 0.36	< 0.28	< 0.22	< 0.24	< 0.22	< 0.36	0
7/16/2001	A1674104	8021	< 1.2	< 1	< 1	< 1	< 2.5	< 1	< 1	< 1	< 1.2	< 1	< 1.8	0
10/11/2001	A1994708	8021	< 1.2	< 1	< 1	< 1	< 2.5	< 1	< 1	< 1	< 1.2	< 1	< 1.8	0
1/15/2002	A2039406	8021	< 1.2	< 1	< 1	< 1	< 2.5	< 1	< 1	< 1	< 1.2	< 1	< 1.8	0
4/8/2002	A2332605	8260	< 1.2	< 1	< 1	< 1	< 2.5	< 1	< 1	< 1	< 1.2	< 1	< 1.8	0
7/9/2002	A2695506	8021	< 1.2	< 1	< 1	< 1	< 2.5	< 1	< 1	< 1	< 1.2	< 1	< 1.8	0
10/3/2002	A2980604	8021	< 1.2	< 1	< 1	< 1	< 2.5	< 1	< 1	< 1	< 1.2	< 1	< 1.8	0
1/14/2003	A3043001	8021	< 1.2	< 1	< 1	< 1	< 2.5	< 1	< 1	< 1	< 1.2	< 1	< 1.8	0
4/8/2003	A3320707	8021	< 1.2	< 1	< 1	< 1	< 2.5	< 1	< 1	< 1	< 1.2	< 1	< 1.8	0
7/8/2003	A3649205	8021	< 1.2	< 1	< 1	< 1	< 2.5	< 1	< 1	< 1	< 1.2	< 1	< 1.8	0
10/10/2003	A3983805	8021	< 1.2	< 1	< 1	< 1	< 2.5	< 1	< 1	< 1	< 1.2	< 1	< 1.8	0
6/30/2004	A4619402	8021	< 1.2	< 1	< 1	< 1	< 2.5	< 1	< 1	< 1	< 1.2	< 1	< 1.8	0
4/6/2005	A5317602	8260	< 1.2	< 1	< 1	< 1	< 2.5	< 1	< 1	< 1	< 1.2	< 1	< 1.8	0
7/7/2005	A5706803	8260	< 1.2	< 1	< 1	< 1	< 2.5	< 1	< 1	< 1	< 1.2	< 1	< 1.8	0
7/19/2006	6G20004-08	8260	< 1	< 1	< 1	< 1	< 2	< 1	< 1	< 1	< 1	< 1	< 2	0
7/12/2007	7G13019-04	8260	< 1	< 1	< 1	< 1	< 2	< 1	< 1	< 1	< 1	< 1	< 2	0
7/22/2008	5422162	8260	< 1	< 0.8	< 1	< 0.8	< 2	< 0.8	< 0.8	< 0.8	< 1	< 0.8	< 1	0
7/9/2009	5720689	8260	< 1	< 0.8	< 1	< 0.8	< 2	< 0.8	< 0.8	< 0.8	< 1	< 0.8	< 1	0
7/22/2010	6040538	8260	< 1	< 0.8	< 1	< 0.8	< 2	< 0.8	< 0.8	< 0.8	< 1	< 0.8	< 1	0
7/21/2011	6353669	8260	< 1	< 0.8	< 1	< 0.8	< 2	< 0.8	< 0.8	< 0.8	< 1	< 0.8	< 1	0
7/17/2012	6723846	8260	< 1	< 0.8	< 1	< 0.8	< 2	< 0.8	< 0.8	< 0.8	< 1	< 0.8	< 1	0
7/15/2013	7128205	8260	< 1	< 0.8	< 1	< 0.8	< 2	< 0.8	< 0.8	< 0.8	< 1	< 0.8	< 1	0
7/10/2014	7529511	8260	< 0.5	< 0.5	< 0.5	< 0.5	< 2	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	0
7/6/2015	7956067	SW8260C	< 0.5	< 0.5	< 0.5	< 0.5	< 2	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	0

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To Address the NYSDEC concerns regarding the presentation and plotting of non-detected values, the data for 2001 to 2004 has been reevaluated and interpreted as follows:
1) Non-detected concentrations have been represented as '<' for reporting purposes.
2) Total VOCs have been recalculated and represented as the sum of the detected parameters shown on this table.
3) The method change to 8260 was approved by the NYSDEC and changed in January 2005.

B - The analyte is present in the associated method blank.
D - Result reported from a secondary dilution analysis.
E - Concentration exceeds the calibration range; Result is estimated.
J - Indicates an estimated value.
µg/L - micrograms per liter

MONITORING WELL GROUNDWATER ANALYTICAL RESULT SUMMARY
FORMER CARBORUNDUM COMPANY
SANBORN, NEW YORK

Well ID: **B-55M**

Date	Lab Sample ID	Method	Carbon tetrachloride (µg/L)	Chloroform (µg/L)	1,1-Dichloroethane (µg/L)	1,1-Dichloroethene (µg/L)	Methylene chloride (µg/L)	trans-1,2-Dichloroethene (µg/L)	cis-1,2-Dichloroethene (µg/L)	1,1,1-Trichloroethane (µg/L)	Trichloroethene (µg/L)	Tetrachloroethene (µg/L)	Vinyl chloride (µg/L)	Total
10/18/1999		8260	< 1.2	< 1	< 1	< 1	< 2.5	< 1	< 1	< 1	< 1.2	< 1	< 1.8	0
1/12/2000	A0026408	8021	< 1.2	< 1	< 1	< 1	< 2.5	< 1	< 1	< 1	< 1.2	< 1	< 1.8	0
4/25/2000	A0275212	8021	< 1.2	< 1	< 1	< 1	< 2.5	< 1	< 1	< 1	< 1.2	< 1	< 1.8	0
7/19/2000	A0508908	8021	< 1.2	< 1	< 1	< 1	< 2.5	< 1	< 1	< 1	< 1.2	< 1	< 1.8	0
10/24/2000	A0760701	8021	< 1.2	< 1	< 1	< 1	< 2.5	< 1	< 1	< 1	< 1.2	< 1	< 1.8	0
1/22/2001	A1063402	8021	< 1.2	< 1	< 1	< 1	< 2.5	< 1	< 1	< 1	< 1.2	< 1	< 1.8	0
4/18/2001	A1361302	624	< 0.24	< 0.3	< 0.36	< 0.28	< 0.5	< 0.36	< 0.28	< 0.22	< 0.24	< 0.22	< 0.36	0
7/16/2001	A1674103	8021	< 1.2	< 1	< 1	< 1	< 2.5	< 1	< 1	< 1	< 1.2	< 1	< 1.8	0
10/11/2001	A1994707	8021	< 1.2	< 1	< 1	< 1	< 2.5	< 1	< 1	< 1	< 1.2	< 1	< 1.8	0
1/15/2002	A2039407	8021	< 1.2	< 1	< 1	< 1	< 2.5	< 1	< 1	< 1	< 1.2	< 1	< 1.8	0
4/9/2002	A2332607	8260	< 1.2	< 1	< 1	< 1	< 2.5	< 1	< 1	< 1	< 1.2	< 1	< 1.8	0
7/9/2002	A2695512	8021	< 1.2	< 1	< 1	< 1	< 2.5	< 1	< 1	< 1	< 1.2	< 1	< 1.8	0
10/3/2002	A2980605	8021	< 1.2	< 1	< 1	< 1	< 2.5	< 1	< 1	< 1	< 1.2	< 1	< 1.8	0
1/14/2003	A3043002	8021	< 1.2	< 1	< 1	< 1	< 2.5	< 1	< 1	< 1	< 1.2	< 1	< 1.8	0
4/8/2003	A3320706	8021	< 1.2	< 1	< 1	< 1	< 2.5	< 1	< 1	< 1	< 1.2	< 1	< 1.8	0
7/8/2003	A3649206	8021	< 1.2	< 1	< 1	< 1	< 2.5	< 1	< 1	< 1	< 1.2	< 1	< 1.8	0
10/10/2003	A3983804	8021	< 1.2	< 1	< 1	< 1	< 2.5	< 1	< 1	< 1	< 1.2	< 1	< 1.8	0
6/30/2004	A4619403	8021	< 1.2	< 1	< 1	< 1	< 2.5	< 1	< 1	< 1	< 1.2	< 1	< 1.8	0
4/6/2005	A5317603	8260	< 1.2	< 1	< 1	< 1	< 2.5	< 1	< 1	< 1	< 1.2	< 1	< 1.8	0
7/7/2005	A5706802	8260	< 1.2	< 1	< 1	< 1	< 2.5	< 1	< 1	< 1	< 1.2	< 1	< 1.8	0
7/19/2006	6G20004-09	8260	< 1	< 1	< 1	< 1	< 2	< 1	< 1	< 1	< 1	< 1	< 2	0
7/12/2007	7G13019-05	8260	< 1	< 1	< 1	< 1	< 2	< 1	< 1	< 1	< 1	< 1	< 2	0
7/22/2008	5422163	8260	< 1	< 0.8	< 1	< 0.8	< 2	< 0.8	< 0.8	< 0.8	< 1	< 0.8	< 1	0
7/9/2009	5720690	8260	< 1	< 0.8	< 1	< 0.8	< 2	< 0.8	< 0.8	< 0.8	< 1	< 0.8	< 1	0
7/22/2010	6040537	8260	< 1	< 0.8	< 1	< 0.8	< 2	< 0.8	< 0.8	< 0.8	< 1	< 0.8	< 1	0
7/21/2011	6353668	8260	< 1	< 0.8	< 1	< 0.8	< 2	< 0.8	< 0.8	< 0.8	< 1	< 0.8	< 1	0
7/17/2012	6723848	8260	< 1	< 0.8	< 1	< 0.8	< 2	< 0.8	< 0.8	< 0.8	< 1	< 0.8	< 1	0
7/15/2013	7128204	8260	< 1	< 0.8	< 1	< 0.8	< 2	< 0.8	< 0.8	< 0.8	< 1	< 0.8	< 1	0
7/10/2014	7529512	8260	< 0.5	< 0.5	< 0.5	< 0.5	< 2	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	0
7/6/2015	7956066	SW8260C	< 0.5	< 0.5	< 0.5	< 0.5	< 2	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	0

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To Address the NYSDEC concerns regarding the presentation and plotting of non-detected values, the data for 2001 to 2004 has been reevaluated and interpreted as follows:

1) Non-detected concentrations have been represented as '<' for reporting purposes.
2) Total VOCs have been recalculated and represented as the sum of the detected parameters shown on this table.
3) The method change to 8260 was approved by the NYSDEC and changed in January 2005.

B - The analyte is present in the associated method blank.
D - Result reported from a secondary dilution analysis.
E - Concentration exceeds the calibration range; Result is estimated.
J - Indicates an estimated value.
µg/L - micrograms per liter

MONITORING WELL GROUNDWATER ANALYTICAL RESULT SUMMARY
FORMER CARBORUNDUM COMPANY
SANBORN, NEW YORK

Well ID: **B-56M**

Date	Lab Sample ID	Method	Carbon tetrachloride (µg/L)	Chloroform (µg/L)	1,1-Dichloroethane (µg/L)	1,1-Dichloroethene (µg/L)	Methylene chloride (µg/L)	trans-1,2-Dichloroethene (µg/L)	cis-1,2-Dichloroethene (µg/L)	1,1,1-Trichloroethane (µg/L)	Trichloroethene (µg/L)	Tetrachloroethene (µg/L)	Vinyl chloride (µg/L)	Total
4/28/2000	A0284304	8021	< 1.2	< 1	< 1	< 1	< 2.5	0.68 J	42	< 1	47	< 1	< 1.8	89.68
7/13/2000	A0492205	8021	< 1.2	< 1	< 1	< 1	< 2.5	< 1	70	< 1	43	< 1	< 1.8	113
10/25/2000	A0767904	8021	< 1.2	< 1	< 1	< 1	< 2.5	1.1	64	< 1	32	< 1	< 1.8	97.1
1/17/2001	A1052409	8021	< 1.2	1	0.48 J	< 1	0.56 J	2.7	71	< 1	28	< 1	2.4	106.14
4/16/2001	A1345803	624	< 1.2	< 1.5	< 1.8	< 1.4	< 2.5	< 1.8	18	< 1.1	27	< 1.1	< 1.8	45
7/16/2001	A1674111	8021	< 1.2	2.1	0.51 J	< 1	1 J	2	95	< 1	46	< 1	< 1.8	146.61
10/11/2001	A1994710	8021	< 1.2	< 1	< 1	< 1	< 2.5	0.74 J	43	< 1	31 D	< 1	< 1.8	74.74
1/24/2002	A2076708	8021	< 2	2.3	< 2	< 2	2.5	< 2	63	< 2	280	< 2	< 2	347.8
4/15/2002	A2370203	8021	< 1.2	< 1	< 1	< 1	< 2.5	< 1	9.8	< 1	44	< 1	< 1.8	53.8
7/16/2002	A2722905	8021	< 1.2	< 1	< 1	< 1	3	< 1	16	< 1	74	< 1	< 1.8	93
10/9/2002	A2A07502	8021	< 1.2	< 1	< 1	< 1	< 2.5	< 1	9.5	< 1	39	< 1	< 1.8	48.5
1/23/2003	A3075202	8021	< 1.4	< 1	< 1	< 1	< 2.5	< 1	86	6.6	150	< 1.6	< 1.8	242.6
4/15/2003	A3356603	8021	< 1.4	< 1	< 1	< 1	86	1.4	29	1	80	< 1.6	< 1.8	197.4
7/21/2003	A3699403	8021	< 1.2	< 1	< 1	< 1	< 2.5	< 1	29	< 1	71	< 1.3	< 1.8	100
10/21/2003	A3A21901	8021	< 2.3	< 1	< 1	< 1.3	2.3 J	< 1	48	< 1	110	< 1	< 1.8	160.3
1/28/2004	A4077601	8021	< 2.3	< 1	< 1	< 1.3	< 2.5	1.7	52	< 1	200	< 1	< 1.8	253.7
4/21/2004	A4356601	8021	< 1.4	< 1	< 1	< 1	1.8 J	< 1	16	< 1	68	< 1	< 1.8	85.8
7/21/2004	A4687102	8260	< 1.2	< 1.6	< 1.9	< 1	5.1	< 1.6	19	< 1.3	110	< 1.3	< 2.9	134.1
10/20/2004	A4A32302	8021	< 2	< 2	< 2	< 2	< 2	< 2	16	< 2	84	< 2	< 2	100
1/13/2005	A5036107	8260	< 1.2	< 1	< 1	< 1	< 2.5	1.1	22	0.64 J	160 E	< 1	< 1.8	183.74
4/22/2005	A5402001	8260	< 1.2	< 1	< 1	< 1	< 2.5	0.7 J	9.9	< 1	63	< 1	< 1.8	73.6
7/19/2005	A5762301	8260/5M	< 1.2	< 1	< 1	< 1	< 2.5	0.95 J	14	< 1	78	< 1	< 1.8	92.95
10/20/2005	A5B91901	8260	< 1.2	< 1	< 1	< 1	< 2.5	1.5	20	0.56 J	82 D	< 1	0.63 J	104.69
1/23/2006	A6084703	8260	< 1.2	< 1	< 1	< 1	< 2.5	1	17	< 1	94 D	< 1	< 1.8	112
4/12/2006	6D13005-07	8260	< 1	< 1	< 1	< 1	< 2	< 1	7	< 1	40	< 1	< 2	47
7/19/2006	6G20004-05	8260	< 1	< 1	< 1	< 1	< 2	< 1	13	< 1	74	< 1	< 2	87
10/10/2006	6J11002-04	8260	< 1	< 1	< 1	< 1	< 2	< 1	9	< 1	35	< 1	< 2	44
1/8/2007	7A09003-03	8260	< 1	< 1	< 1	< 1	< 2	< 1	3	< 1	13	< 1	< 2	16
4/4/2007	7D05011-03	8260	< 1	< 1	< 1	< 1	< 2	< 1	1	< 1	8	< 1	< 2	9
7/11/2007	7G12003-04	8260	< 1	< 1	< 1	< 1	< 2	< 1	3	< 1	16	< 1	< 2	19
10/10/2007	7J11002-06	8260	< 1	< 1	< 1	< 1	2 B	< 1	6	< 1	27	< 1	< 2	35
1/8/2008	8A09005-07	8260	< 1	< 1	1	< 1	4	< 1	23	2	60	< 1	< 2	90
4/7/2008	8D08002-04	8260	< 1	< 1	< 1	< 1	< 2	< 1	6	< 1	20	< 1	< 2	26
7/28/2008	5426818	8260	< 1	< 0.8	< 1	< 0.8	< 2	< 0.8	6.9	< 0.8	19	< 0.8	< 1	25.9
10/17/2008	5502675	8260	< 1	< 0.8	2 J	< 0.8	< 2	1.4 J	41	2 J	110	< 0.8	1.2 J	157.6
1/13/2009	5576512	8260	< 1	< 0.8	1 J	< 0.8	< 2	< 0.8	23	1.3 J	73	< 0.8	< 1	98.3
4/13/2009	5647712	8260	< 1	< 0.8	< 1	< 0.8	< 2	< 0.8	17	< 0.8	64	< 0.8	< 1	81
7/15/2009	5724675	8260	< 1	< 0.8	< 1	< 0.8	< 2	0.87 J	21	< 0.8	82	< 0.8	< 1	103.87
10/5/2009	5797969	8260	< 1	< 0.8	< 1	< 0.8	< 2	< 0.8	17	< 0.8	72	< 0.8	< 1	89
1/21/2010	5889952	8260	< 1	< 0.8	< 1	< 0.8	< 2	< 0.8	5.3	< 0.8	32	< 0.8	< 1	37.3
4/6/2010	5946902	8260	< 1	< 0.8	< 1	< 0.8	< 2	< 0.8	16	< 0.8	97	< 0.8	< 1	113
7/20/2010	6038213	8260	< 1	< 0.8	< 1	< 0.8	< 2	1.1 J	25	0.91 J	150	< 0.8	< 1	177.01
10/18/2010	6115540	8260	< 1	< 0.8	3.1 J	0.89 J	< 2	2.4 J	62	2.5 J	290	< 0.8	3.2 J	364.09
1/26/2011	6192952	8260	< 1	< 0.8	2.7 J	0.94 J	< 2	2.7 J	77	3.1 J	300	< 0.8	1.5 J	387.94
4/13/2011	6258128	8260	< 1	< 0.8	< 1	< 0.8	< 2	1.3 J	34	1.1 J	180	< 0.8	< 1	216.4
7/19/2011	6350139	8260	< 1	< 0.8	< 1	< 0.8	< 2	1.1 J	23	< 0.8	140	< 0.8	< 1	164.1

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B - The analyte is present in the associated method blank.
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E - Concentration exceeds the calibration range; Result is estimated.
J - Indicates an estimated value.
µg/L - micrograms per liter

Well ID: **B-56M**

Date	Lab Sample ID	Method	Carbon tetrachloride (µg/L)	Chloroform (µg/L)	1,1-Dichloroethane (µg/L)	1,1-Dichloroethene (µg/L)	Methylene chloride (µg/L)	trans-1,2-Dichloroethene (µg/L)	cis-1,2-Dichloroethene (µg/L)	1,1,1-Trichloroethane (µg/L)	Trichloroethene (µg/L)	Tetrachloroethene (µg/L)	Vinyl chloride (µg/L)	Total
10/13/2011	6437684	8260	< 1	< 0.8	2.8 J	< 0.8	< 2	2.6 J	69	2 J	240	< 0.8	1.9 J	318.3
1/17/2012	6524416	8260	< 1	< 0.8	< 1	< 0.8	< 2	0.83 J	21	< 0.8	160	< 0.8	< 1	181.83
4/3/2012	6605298	8260	< 1	< 0.8	< 1	< 0.8	< 2	< 0.8	10	< 0.8	64	< 0.8	< 1	74
7/12/2012	6719398	8260	< 1	< 0.8	< 1	< 0.8	< 2	1.2 J	25	< 0.8	190	< 0.8	< 1	216.2
10/3/2012	6812007	8260	< 1	< 0.8	1.8 J	0.97 J	< 2	1.7 J	200	1.7 J	99	< 0.8	2 J	307.17
1/23/2013	6932574	8260	< 1	< 0.8	< 1	< 0.8	< 2	< 0.8	15	< 0.8	45	< 0.8	< 1	60
4/8/2013	7015029	8260	< 1	< 0.8	< 1	< 0.8	< 2	0.97 J	27	< 0.8	110	< 0.8	< 1	137.97
7/16/2013	7129886	8260	< 1	< 0.8	< 1	< 0.8	< 2	< 0.8	4.6 J	< 0.8	21	< 0.8	< 1	25.6
11/13/2013	7276550	8260	< 1	< 0.8	< 1	< 0.8	< 2	< 0.8	8.2	< 0.8	46	< 0.8	< 1	54.2
1/20/2014	7342588	8260	< 1	< 0.8	< 1	< 0.8	< 2	< 0.8	9.7	< 0.8	51	< 0.8	< 1	60.7
4/15/2014	7432581	8260	< 0.5	< 0.5	< 0.5	< 0.5	< 2	< 0.5	3.9	< 0.5	21	< 0.5	< 0.5	24.9
7/16/2014	7535891	8260	< 0.5	< 0.5	< 0.5	< 0.5	< 2	0.52 J	9.1	< 0.5	49	< 0.5	< 0.5	58.62
10/2/2014	7623664	8260	< 0.5	< 0.5	< 0.5	< 0.5	< 2	< 0.5	9.4	< 0.5	47	< 0.5	< 0.5	56.4
1/8/2015	7734024	8260	< 0.5	0.55 J	< 0.5	< 0.5	< 2	< 0.5	3.3	< 0.5	19	< 0.5	< 0.5	22.85
4/14/2015	7847250	8260	< 0.5	< 0.5	< 0.5	< 0.5	< 2	< 0.5	8.8	< 0.5	44	< 0.5	< 0.5	52.8
7/14/2015	7967353	SW8260C	< 0.5	< 0.5	< 0.5	< 0.5	< 2	< 0.5	2.3	< 0.5	13	< 0.5	< 0.5	15.3
10/7/2015	8080771	SW8260C	< 0.5	< 0.5	< 0.5	< 0.5	< 2	0.69 J	14	< 0.5	67	< 0.5	< 0.5	81.69
1/7/2016	8199644	SW8260C	< 0.5	< 0.5	< 0.5	< 0.5	< 2	< 0.5	23	< 0.5	99	< 0.5	< 0.5	122
12/6/2016	240-73125-5	8260C	< 14	< 14	< 14	< 14	< 14	< 14	48	< 14	330	< 14	< 14	378
5/3/2017	240-79160-5	8260C	< 10	< 10	< 10	< 10	< 10	< 10	26	< 10	290	< 10	< 10	316
4/12/2018	240-94116-13	8260C	< 8.0	< 8.0	< 8.0	< 8.0	20	< 8.0	19	< 8.0	210	< 8.0	< 8.0	249
4/8/2019	240-110803-4	8260C	< 5.0	< 5.0	< 5.0	< 5.0	< 25	1.3 J	27	< 5.0	150	< 5.0	< 5.0	178.3
3/26/2020	240-128236-11	8260C	< 4.0	< 4.0	< 4.0	< 4.0	< 20	0.92 J	16	< 4.0	98	< 4.0	< 4.0	114.92
4/20/2021	240-147939-8	8260C	< 4.0	< 4.0	< 4.0	< 4.0	< 20	1.9 J	52	< 4.0	230	< 4.0	< 4.0	283.9
4/12/2022	240-165066-2	8260C	< 4.0	< 4.0	< 4.0	< 4.0	< 20	< 4.0	22	< 4.0	120	< 4.0	< 4.0	142
3/22/2023	240-182590-36	8260D	< 4.0	< 4.0	< 4.0	< 4.0	< 20	< 4.0	36	< 4.0	170	< 4.0	< 4.0	206

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3) The method change to 8260 was approved by the NYSDEC and changed in January 2005.

B - The analyte is present in the associated method blank.
D - Result reported from a secondary dilution analysis.
E - Concentration exceeds the calibration range; Result is estimated.
J - Indicates an estimated value.
µg/L - micrograms per liter

MONITORING WELL GROUNDWATER ANALYTICAL RESULT SUMMARY
FORMER CARBORUNDUM COMPANY
SANBORN, NEW YORK

Well ID: **B-57M**

Date	Lab Sample ID	Method	Carbon tetrachloride (µg/L)	Chloroform (µg/L)	1,1-Dichloroethane (µg/L)	1,1-Dichloroethene (µg/L)	Methylene chloride (µg/L)	trans-1,2-Dichloroethene (µg/L)	cis-1,2-Dichloroethene (µg/L)	1,1,1-Trichloroethane (µg/L)	Trichloroethene (µg/L)	Tetrachloroethene (µg/L)	Vinyl chloride (µg/L)	Total
4/28/2000	A0284303	8021	< 1.2	0.4 J	< 1	< 1	< 2.5	< 1	10	< 1	13	< 1	< 1.8	23.4
7/13/2000	A0492207	8021	< 1.2	< 1	< 1	< 1	< 2.5	< 1	0.91 J	< 1	4.6	< 1	< 1.8	5.51
10/26/2000	A0767901	8021	< 1.2	< 1	< 1	< 1	< 2.5	< 1	< 1	< 1	< 1.2	< 1	< 1.8	0
1/18/2001	A1052407	8021	< 1.2	< 1	< 1	< 1	< 2.5	< 1	3.2	< 1	1.5	< 1	< 1.8	4.7
4/16/2001	A1345802	624	< 1.2	< 1.5	< 1.8	< 1.4	< 2.5	< 1.8	< 1.4	< 1.1	< 1.2	< 1.1	< 1.8	0
7/16/2001	A1674108	8021	< 1.2	< 1	< 1	< 1	< 2.5	< 1	< 1	< 1	< 1.2	< 1	< 1.8	0
10/11/2001	A1994709	8021	< 1.2	< 1	< 1	< 1	< 2.5	< 1	< 1	< 1	< 1.2	< 1	< 1.8	0
1/18/2002	A2058507	8021	< 1.2	< 1	< 1	< 1	< 2.5	< 1	< 1	< 1	< 1.2	< 1	< 1.8	0
4/10/2002	A2347903	8260	< 1.2	< 1	< 1	< 1	< 2.5	< 1	< 1	< 1	< 1.2	< 1	< 1.8	0
7/11/2002	A2708309	8021	< 1.2	< 1	< 1	< 1	< 2.5	< 1	< 1	< 1	< 1.2	< 1	< 1.8	0
10/4/2002	A2986404	8021	< 1.2	< 1	< 1	< 1	< 2.5	< 1	< 1	< 1	< 1.2	< 1	< 1.8	0
1/16/2003	A3056003	8021	< 1.2	< 1	< 1	< 1	< 2.5	< 1	< 1	< 1	< 1.2	< 1	< 1.8	0
4/7/2003	A3320703	8021	< 1.2	< 1	< 1	< 1	< 2.5	< 1	< 1	< 1	< 1.2	< 1	< 1.8	0
7/8/2003	A3649203	8021	< 1.2	< 1	< 1	< 1	< 2.5	< 1	< 1	< 1	< 1.2	< 1	< 1.8	0
10/9/2003	A3978811	8021	< 1.2	< 1	< 1	< 1	< 2.5	< 1	< 1	< 1	< 1.2	< 1	< 1.8	0
7/13/2004	A4664210	8021	< 1.2	< 1	< 1	< 1	< 2.5	< 1	< 1	< 1	< 1.2	< 1	< 1.8	0
4/6/2005	A5317604	8260	< 1.2	< 1	< 1	< 1	< 2.5	< 1	< 1	< 1	< 1.2	< 1	< 1.8	0
7/12/2005	A5733101	8260/5M	< 1.2	< 1	< 1	< 1	< 2.5	< 1	< 1	< 1	< 1.2	< 1	< 1.8	0
10/5/2005	A5B10501	8260	< 1.2	< 1	< 1	< 1	< 2.5	< 1	< 1	< 1	< 1.2	< 1	< 1.8	0
1/23/2006	A6084704	8260	< 1.2	< 1	< 1	< 1	< 2.5	< 1	< 1	< 1	< 1.2	< 1	< 1.8	0
4/12/2006	6D13005-08	8260	< 1	< 1	< 1	< 1	< 2	< 1	< 1	< 1	< 1	< 1	< 2	0
7/19/2006	6G20004-01	8260	< 1	< 1	< 1	< 1	< 2	< 1	< 1	< 1	< 1	< 1	< 2	0
10/10/2006	6J11002-05	8260	< 1	< 1	< 1	< 1	< 2	< 1	< 1	< 1	< 1	< 1	< 2	0
1/8/2007	7A09003-04	8260	< 1	< 1	< 1	< 1	< 2	< 1	< 1	< 1	< 1	< 1	< 2	0
4/4/2007	7D05011-04	8260	< 1	< 1	< 1	< 1	< 2	< 1	< 1	< 1	< 1	< 1	< 2	0
7/11/2007	7G12003-05	8260	< 1	< 1	< 1	< 1	< 2	< 1	< 1	< 1	< 1	< 1	< 2	0
10/10/2007	7J11002-04	8260	< 1	< 1	< 1	< 1	< 2	< 1	< 1	< 1	< 1	< 1	< 2	0
1/8/2008	8A09005-08	8260	< 1	< 1	< 1	< 1	< 2	< 1	< 1	< 1	< 1	< 1	< 2	0
4/7/2008	8D08002-03	8260	< 1	< 1	< 1	< 1	3 B	< 1	< 1	< 1	< 1	< 1	< 2	3
7/28/2008	5426820	8260	< 1	< 0.8	< 1	< 0.8	< 2	< 0.8	< 0.8	< 0.8	< 1	< 0.8	< 1	0
10/17/2008	5502678	8260	< 1	< 0.8	< 1	< 0.8	< 2	< 0.8	< 0.8	< 0.8	< 1	< 0.8	< 1	0
1/13/2009	5576515	8260	< 1	< 0.8	< 1	< 0.8	< 2	< 0.8	< 0.8	< 0.8	1.6 J	< 0.8	< 1	1.6
4/13/2009	5647716	8260	< 1	< 0.8	< 1	< 0.8	< 2	< 0.8	< 0.8	< 0.8	< 1	< 0.8	< 1	0
7/15/2009	5724674	8260	< 1	< 0.8	< 1	< 0.8	< 2	< 0.8	< 0.8	< 0.8	< 1	< 0.8	< 1	0
10/5/2009	5797968	8260	< 1	< 0.8	< 1	< 0.8	< 2	< 0.8	< 0.8	< 0.8	< 1	< 0.8	< 1	0
1/21/2010	5889951	8260	< 1	< 0.8	< 1	< 0.8	< 2	< 0.8	< 0.8	< 0.8	< 1	< 0.8	< 1	0
4/6/2010	5946908	8260	< 1	< 0.8	< 1	< 0.8	< 2	< 0.8	< 0.8	< 0.8	< 1	< 0.8	< 1	0
7/20/2010	6038208	8260	< 1	< 0.8	< 1	< 0.8	< 2	< 0.8	< 0.8	< 0.8	< 1	< 0.8	< 1	0
10/18/2010	6115539	8260	< 1	< 0.8	< 1	< 0.8	< 2	< 0.8	< 0.8	< 0.8	< 1	< 0.8	< 1	0
1/26/2011	6192953	8260	< 1	< 0.8	< 1	< 0.8	< 2	< 0.8	< 0.8	< 0.8	< 1	< 0.8	< 1	0
4/13/2011	6258125	8260	< 1	< 0.8	< 1	< 0.8	< 2	< 0.8	< 0.8	< 0.8	< 1	< 0.8	< 1	0
7/19/2011	6350145	8260	< 1	< 0.8	< 1	< 0.8	< 2	< 0.8	< 0.8	< 0.8	< 1	< 0.8	< 1	0
10/13/2011	6437687	8260	< 1	< 0.8	< 1	< 0.8	< 2	< 0.8	< 0.8	< 0.8	< 1	< 0.8	< 1	0
1/17/2012	6524415	8260	< 1	< 0.8	< 1	< 0.8	< 2	< 0.8	< 0.8	< 0.8	< 1	< 0.8	< 1	0
4/3/2012	6605299	8260	< 1	< 0.8	< 1	< 0.8	< 2	< 0.8	< 0.8	< 0.8	< 1	< 0.8	< 1	0
7/12/2012	6719395	8260	< 1	< 0.8	< 1	< 0.8	< 2	< 0.8	< 0.8	< 0.8	< 1	< 0.8	< 1	0

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To Address the NYSDEC concerns regarding the presentation and plotting of non-detected values, the data for 2001 to 2004 has been reevaluated and interpreted as follows:
1) Non-detected concentrations have been represented as '<' for reporting purposes.
2) Total VOCs have been recalculated and represented as the sum of the detected parameters shown on this table.
3) The method change to 8260 was approved by the NYSDEC and changed in January 2005.

B - The analyte is present in the associated method blank.
D - Result reported from a secondary dilution analysis.
E - Concentration exceeds the calibration range; Result is estimated.
J - Indicates an estimated value.
µg/L - micrograms per liter

Well ID: **B-57M**

Date	Lab Sample ID	Method	Carbon tetrachloride (µg/L)	Chloroform (µg/L)	1,1-Dichloroethane (µg/L)	1,1-Dichloroethene (µg/L)	Methylene chloride (µg/L)	trans-1,2-Dichloroethene (µg/L)	cis-1,2-Dichloroethene (µg/L)	1,1,1-Trichloroethane (µg/L)	Trichloroethene (µg/L)	Tetrachloroethene (µg/L)	Vinyl chloride (µg/L)	Total
10/3/2012	6812010	8260	< 1	< 0.8	< 1	< 0.8	< 2	< 0.8	< 0.8	< 0.8	< 1	< 0.8	< 1	0
1/23/2013	6932573	8260	< 1	< 0.8	< 1	< 0.8	< 2	< 0.8	< 0.8	< 0.8	< 1	< 0.8	< 1	0
4/8/2013	7015030	8260	< 1	< 0.8	< 1	< 0.8	< 2	< 0.8	< 0.8	< 0.8	< 1	< 0.8	< 1	0
7/16/2013	7129885	8260	< 1	< 0.8	< 1	< 0.8	< 2	< 0.8	< 0.8	< 0.8	< 1	< 0.8	< 1	0
11/13/2013	7276548	8260	< 1	< 0.8	< 1	< 0.8	< 2	< 0.8	< 0.8	< 0.8	< 1	< 0.8	< 1	0
1/20/2014	7342586	8260	< 1	< 0.8	< 1	< 0.8	< 2	< 0.8	< 0.8	< 0.8	< 1	< 0.8	< 1	0
4/15/2014	7432580	8260	< 0.5	< 0.5	< 0.5	< 0.5	< 2	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	0
7/16/2014	7535888	8260	< 0.5	< 0.5	< 0.5	< 0.5	< 2	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	0
10/2/2014	7623665	8260	< 0.5	< 0.5	< 0.5	< 0.5	< 2	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	0
1/8/2015	7734027	8260	< 0.5	< 0.5	< 0.5	< 0.5	< 2	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	0
4/14/2015	7847246	8260	< 0.5	1.8	< 0.5	< 0.5	< 2	0.69 J	21	< 0.5	240	< 0.5	< 0.5	263.49
7/14/2015	7967352	SW8260C	< 0.5	< 0.5	< 0.5	< 0.5	< 2	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	0
10/7/2015	8080770	SW8260C	< 0.5	< 0.5	< 0.5	< 0.5	< 2	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	0
1/7/2016	8199642	SW8260C	< 0.5	< 0.5	< 0.5	< 0.5	< 2	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	0

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3) The method change to 8260 was approved by the NYSDEC and changed in January 2005.

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D - Result reported from a secondary dilution analysis.
E - Concentration exceeds the calibration range; Result is estimated.
J - Indicates an estimated value.
µg/L - micrograms per liter

MONITORING WELL GROUNDWATER ANALYTICAL RESULT SUMMARY
FORMER CARBORUNDUM COMPANY
SANBORN, NEW YORK

Well ID: **B-58M**

Date	Lab Sample ID	Method	Carbon tetrachloride (µg/L)	Chloroform (µg/L)	1,1-Dichloroethane (µg/L)	1,1-Dichloroethene (µg/L)	Methylene chloride (µg/L)	trans-1,2-Dichloroethene (µg/L)	cis-1,2-Dichloroethene (µg/L)	1,1,1-Trichloroethane (µg/L)	Trichloroethene (µg/L)	Tetrachloroethene (µg/L)	Vinyl chloride (µg/L)	Total
4/27/2000	A0284302	8021	< 1.2	< 1	< 1	< 1	< 2.5	< 1	< 1	< 1	< 1.2	< 1	< 1.8	0
7/13/2000	A0492206	8021	< 1.2	< 1	< 1	< 1	< 2.5	< 1	< 1	< 1	0.86 J	< 1	< 1.8	0.86
10/25/2000	A0767902	8021	< 1.2	< 1	< 1	< 1	< 2.5	< 1	0.79 J	< 1	2.8	< 1	< 1.8	3.59
1/17/2001	A1052408	8021	< 1.2	< 1	< 1	< 1	< 2.5	< 1	< 1	< 1	< 1.2	< 1	< 1.8	0
4/16/2001	A1345801	624	< 1.2	< 1.5	< 1.8	< 1.4	< 2.5	< 1.8	< 1.4	< 1.1	< 1.2	< 1.1	< 1.8	0
7/16/2001	A1674110	8021	< 1.2	< 1	< 1	< 1	< 2.5	< 1	< 1	< 1	< 1.2	< 1	< 1.8	0
10/12/2001	A1A01002	8021	< 1.2	< 1	< 1	< 1	< 2.5	< 1	< 1	< 1	< 1.2	< 1	< 1.8	0
1/18/2002	A2058508	8021	< 1.2	< 1	< 1	< 1	< 2.5	< 1	< 1	< 1	< 1.2	< 1	< 1.8	0
4/10/2002	A2347904	8260	< 1.2	< 1	< 1	< 1	< 2.5	< 1	< 1	< 1	< 1.2	< 1	< 1.8	0
7/11/2002	A2708310	8021	< 1.2	< 1	< 1	< 1	< 2.5	< 1	< 1	< 1	< 1.2	< 1	< 1.8	0
10/4/2002	A2986405	8021	< 1.2	< 1	< 1	< 1	< 2.5	< 1	< 1	< 1	< 1.2	< 1	< 1.8	0
1/16/2003	A3056004	8021	< 1.2	< 1	< 1	< 1	< 2.5	< 1	< 1	< 1	< 1.2	< 1	< 1.8	0
4/7/2003	A3320704	8021	< 1.2	< 1	< 1	< 1	< 2.5	< 1	< 1	< 1	< 1.2	< 1	< 1.8	0
7/8/2003	A3649204	8021	< 1.2	< 1	< 1	< 1	< 2.5	< 1	< 1	< 1	< 1.2	< 1	< 1.8	0
10/9/2003	A3978813	8021	< 1.2	< 1	< 1	< 1	< 2.5	< 1	< 1	< 1	< 1.2	< 1	< 1.8	0
7/13/2004	A4664211	8021	< 1.2	< 1	< 1	< 1	< 2.5	< 1	< 1	< 1	< 1.2	< 1	< 1.8	0
4/6/2005	A5317605	8260	< 1.2	< 1	< 1	< 1	< 2.5	< 1	< 1	< 1	0.69 J	< 1	< 1.8	0.69
7/12/2005	A5733102	8260/5M	< 1.2	< 1	< 1	< 1	< 2.5	< 1	< 1	< 1	< 1.2	< 1	< 1.8	0
7/19/2006	6G20004-02	8260	< 1	< 1	< 1	< 1	< 2	< 1	< 1	< 1	< 1	< 1	< 2	0
7/11/2007	7G12003-06	8260	< 1	< 1	< 1	< 1	< 2	< 1	< 1	< 1	< 1	< 1	< 2	0
7/28/2008	5426822	8260	< 1	< 0.8	< 1	< 0.8	< 2	< 0.8	< 0.8	< 0.8	< 1	< 0.8	< 1	0
7/15/2009	5724673	8260	< 1	< 0.8	< 1	< 0.8	< 2	< 0.8	< 0.8	< 0.8	< 1	< 0.8	< 1	0
7/20/2010	6038214	8260	< 1	< 0.8	< 1	< 0.8	< 2	< 0.8	< 0.8	< 0.8	< 1	< 0.8	< 1	0
7/19/2011	6350142	8260	< 1	< 0.8	< 1	< 0.8	< 2	< 0.8	< 0.8	< 0.8	< 1	< 0.8	< 1	0
7/12/2012	6719394	8260	< 1	< 0.8	< 1	< 0.8	< 2	< 0.8	< 0.8	< 0.8	< 1	< 0.8	< 1	0
7/16/2013	7129893	8260	< 1	< 0.8	< 1	< 0.8	< 2	< 0.8	< 0.8	< 0.8	< 1	< 0.8	< 1	0
7/16/2014	7535889	8260	< 0.5	< 0.5	< 0.5	< 0.5	< 2	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	0
7/14/2015	7967350	SW8260C	< 0.5	< 0.5	< 0.5	< 0.5	< 2	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	0

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E - Concentration exceeds the calibration range; Result is estimated.
J - Indicates an estimated value.
µg/L - micrograms per liter

MONITORING WELL GROUNDWATER ANALYTICAL RESULT SUMMARY
FORMER CARBORUNDUM COMPANY
SANBORN, NEW YORK

Well ID: **B-59M**

Date	Lab Sample ID	Method	Carbon tetrachloride (µg/L)	Chloroform (µg/L)	1,1-Dichloroethane (µg/L)	1,1-Dichloroethene (µg/L)	Methylene chloride (µg/L)	trans-1,2-Dichloroethene (µg/L)	cis-1,2-Dichloroethene (µg/L)	1,1,1-Trichloroethane (µg/L)	Trichloroethene (µg/L)	Tetrachloroethene (µg/L)	Vinyl chloride (µg/L)	Total
7/17/2002	A2732710	8021	< 1.2	< 1	< 1	< 1	< 2.5	< 1	< 1	< 1	2.5	< 1	< 1.8	2.5
8/5/2002	A2793604	8021	< 1.2	< 1	< 1	< 1	< 2.5	< 1	< 1	< 1	< 1.2	< 1	< 1.8	0
10/7/2002	A2999201	8021	< 1.2	< 1	< 1	< 1	< 2.5	< 1	< 1	< 1	< 1.2	< 1	< 1.8	0
1/16/2003	A3056008	8021	< 1.2	< 1	< 1	< 1	< 2.5	< 1	< 1	< 1	< 1.2	< 1	< 1.8	0
4/17/2003	A3361701	8021	< 1.2	< 1	< 1	< 1	< 2.5	< 1	< 1	< 1	< 1.2	< 1	< 1.8	0
7/14/2003	A3670605	8021	< 1.2	< 1	< 1	< 1	< 2.5	< 1	< 1	< 1	< 1.2	< 1	< 1.8	0
10/14/2003	A3998703	8021	< 1.2	< 1	< 1	< 1	< 2.5	< 1	< 1	< 1	< 1.2	< 1	< 1.8	0
1/7/2004	A4012312	8021	< 1.2	< 1	< 1	< 1	< 2.5	< 1	< 1	< 1	< 1.2	< 1	< 1.8	0
7/14/2004	A4664202	8021	< 1.2	< 1	< 1	< 1	< 2.5	< 1	< 1	< 1	< 1.2	< 1	< 1.8	0
4/25/2005	A5408101	8260	< 1.2	< 1	< 1	< 1	< 2.5	< 1	< 1	< 1	< 1.2	< 1	< 1.8	0
7/20/2005	A5762204	8260/5M	< 1.2	< 1	< 1	< 1	< 2.5	< 1	< 1	< 1	< 1.2	< 1	< 1.8	0
7/19/2006	6G20004-14	8260	< 1	< 1	< 1	< 1	4	< 1	3	< 1	3	< 1	< 2	10
7/17/2007	7G18027-09	8260	< 1	< 1	< 1	< 1	< 2	1	4	< 1	3	< 1	< 2	8
7/21/2008	5420892	8260	< 1	< 0.8	< 1	< 0.8	< 2	0.8 J	1.1 J	< 0.8	< 1	< 0.8	< 1	1.9
7/8/2009	5719627	8260	< 1	< 0.8	< 1	< 0.8	< 2	< 0.8	< 0.8	< 0.8	< 1	< 0.8	< 1	0
7/19/2010	6036152	8260	< 1	< 0.8	< 1	< 0.8	< 2	2.2 J	6.9	< 0.8	< 1	< 0.8	3 J	12.1
4/13/2011	6258124	8260	< 1	< 0.8	< 1	< 0.8	< 2	< 0.8	1.2 J	< 0.8	< 1	< 0.8	< 1	1.2
7/12/2011	6342643	8260	< 1	< 0.8	< 1	< 0.8	< 2	< 0.8	< 0.8	< 0.8	< 1	< 0.8	< 1	0
7/11/2012	6717359	8260	< 1	< 0.8	< 1	< 0.8	< 2	< 0.8	3.4 J	< 0.8	< 1	< 0.8	2.7 J	6.1
7/10/2013	7123808	8260	< 1	< 0.8	< 1	< 0.8	< 2	< 0.8	0.9 J	< 0.8	< 1	< 0.8	< 1	0.9
7/15/2014	7534319	8260	< 0.5	< 0.5	< 0.5	< 0.5	< 2	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	0
7/9/2015	7962641	SW8260C	< 0.5	< 0.5	< 0.5	< 0.5	< 2	< 0.5	5.9	< 0.5	< 0.5	< 0.5	4.8	10.7

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B - The analyte is present in the associated method blank.
D - Result reported from a secondary dilution analysis.
E - Concentration exceeds the calibration range; Result is estimated.
J - Indicates an estimated value.
µg/L - micrograms per liter

MONITORING WELL GROUNDWATER ANALYTICAL RESULT SUMMARY
FORMER CARBORUNDUM COMPANY
SANBORN, NEW YORK

Well ID: **B-60M**

Date	Lab Sample ID	Method	Carbon tetrachloride (µg/L)	Chloroform (µg/L)	1,1-Dichloroethane (µg/L)	1,1-Dichloroethene (µg/L)	Methylene chloride (µg/L)	trans-1,2-Dichloroethene (µg/L)	cis-1,2-Dichloroethene (µg/L)	1,1,1-Trichloroethane (µg/L)	Trichloroethene (µg/L)	Tetrachloroethene (µg/L)	Vinyl chloride (µg/L)	Total
7/17/2002	A2732708	8021	< 1.2	< 1	< 1	< 1	< 2.5	< 1	< 1	< 1	3.8	< 1	< 1.8	3.8
8/5/2002	A2793610	8021	< 1.2	< 1	< 1	< 1	< 2.5	< 1	< 1	< 1	< 1.2	< 1	< 1.8	0
10/4/2002	A2986402	8021	< 1.2	< 1	< 1	< 1	< 2.5	< 1	< 1	< 1	< 1.2	< 1	< 1.8	0
1/16/2003	A3056006	8021	< 1.2	< 1	< 1	< 1	< 2.5	< 1	< 1	< 1	< 1.2	< 1	< 1.8	0
4/17/2003	A3361702	8021	< 1.2	< 1	< 1	< 1	< 2.5	< 1	< 1	< 1	< 1.2	< 1	< 1.8	0
7/14/2003	A3670604	8021	< 1.2	< 1	< 1	< 1	< 2.5	< 1	< 1	< 1	< 1.2	< 1	< 1.8	0
10/14/2003	A3998702	8021	< 1.2	< 1	< 1	< 1	< 2.5	< 1	< 1	< 1	< 1.2	< 1	< 1.8	0
1/8/2004	A4026302	8021	< 1.2	< 1	< 1	< 1	< 2.5	< 1	< 1	< 1	< 1.2	< 1	< 1.8	0
7/14/2004	A4664205	8021	< 1.2	< 1	< 1	< 1	< 2.5	< 1	< 1	< 1	< 1.2	< 1	< 1.8	0
4/22/2005	A5402103	8260	< 1.2	< 1	< 1	< 1	< 2.5	< 1	< 1	< 1	< 1.2	< 1	< 1.8	0
7/20/2005	A5762205	8260/5M	< 1.2	< 1	< 1	< 1	< 2.5	< 1	< 1	< 1	< 1.2	< 1	< 1.8	0
7/19/2006	6G20004-10	8260	< 1	< 1	< 1	< 1	< 2	< 1	< 1	< 1	< 1	< 1	< 2	0
7/17/2007	7G18027-06	8260	< 1	< 1	< 1	< 1	< 2	< 1	< 1	< 1	< 1	< 1	< 2	0
7/21/2008	5420895	8260	< 1	< 0.8	< 1	< 0.8	< 2	< 0.8	< 0.8	< 0.8	< 1	< 0.8	< 1	0
7/8/2009	5719625	8260	< 1	< 0.8	< 1	< 0.8	< 2	< 0.8	< 0.8	< 0.8	< 1	< 0.8	< 1	0
7/19/2010	6036153	8260	< 1	< 0.8	< 1	< 0.8	< 2	< 0.8	< 0.8	< 0.8	< 1	< 0.8	< 1	0
7/12/2011	6342644	8260	< 1	< 0.8	< 1	< 0.8	< 2	< 0.8	< 0.8	< 0.8	< 1	< 0.8	< 1	0
7/11/2012	6717358	8260	< 1	< 0.8	< 1	< 0.8	< 2	< 0.8	< 0.8	< 0.8	< 1	< 0.8	< 1	0
7/10/2013	7123811	8260	< 1	< 0.8	< 1	< 0.8	< 2	< 0.8	< 0.8	< 0.8	< 1	< 0.8	< 1	0
7/15/2014	7534312	8260	< 0.5	< 0.5	< 0.5	< 0.5	< 2	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	0
7/9/2015	7962640	SW8260C	< 0.5	< 0.5	< 0.5	< 0.5	< 2	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	0

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J - Indicates an estimated value.
µg/L - micrograms per liter

MONITORING WELL GROUNDWATER ANALYTICAL RESULT SUMMARY
FORMER CARBORUNDUM COMPANY
SANBORN, NEW YORK

Well ID: **B-61M**

Date	Lab Sample ID	Method	Carbon tetrachloride (µg/L)	Chloroform (µg/L)	1,1-Dichloroethane (µg/L)	1,1-Dichloroethene (µg/L)	Methylene chloride (µg/L)	trans-1,2-Dichloroethene (µg/L)	cis-1,2-Dichloroethene (µg/L)	1,1,1-Trichloroethane (µg/L)	Trichloroethene (µg/L)	Tetrachloroethene (µg/L)	Vinyl chloride (µg/L)	Total
7/18/2002	A2732705	8021	< 1.2	5	< 1	< 1	< 2.5	< 1	4.8	< 1	26	< 1	< 1.8	35.8
8/5/2002	A2793611	8021	< 1.2	< 1	< 1	< 1	< 2.5	< 1	< 1	< 1	< 1.2	< 1	< 1.8	0
10/3/2002	A2980612	8021	< 1.2	< 1	< 1	< 1	< 2.5	< 1	< 1	< 1	< 1.2	< 1	< 1.8	0
1/16/2003	A3056007	8021	< 1.2	< 1	< 1	< 1	< 2.5	< 1	< 1	< 1	< 1.2	< 1	< 1.8	0
4/14/2003	A3347501	8021	< 1.2	< 1	< 1	< 1	< 2.5	< 1	< 1	< 1	< 1.2	< 1	< 1.8	0
7/14/2003	A3670603	8021	< 1.2	< 1	< 1	< 1	< 2.5	< 1	< 1	< 1	< 1.2	< 1	< 1.8	0
10/14/2003	A3998701	8021	< 1.2	< 1	< 1	< 1	< 2.5	< 1	< 1	< 1	< 1.2	< 1	< 1.8	0
1/8/2004	A4026301	8021	< 1.2	< 1	< 1	< 1	< 2.5	< 1	< 1	< 1	< 1.2	< 1	< 1.8	0
7/14/2004	A4664206	8021	< 1.2	< 1	< 1	< 1	< 2.5	< 1	< 1	< 1	< 1.2	< 1	< 1.8	0
4/25/2005	A5408102	8260	< 1.2	< 1	< 1	< 1	< 2.5	< 1	< 1	< 1	< 1.2	< 1	< 1.8	0
7/20/2005	A5762206	8260/5M	< 1.2	< 1	< 1	< 1	< 2.5	< 1	< 1	< 1	< 1.2	< 1	< 1.8	0
7/19/2006	6G20004-11	8260	< 1	< 1	< 1	< 1	< 2	< 1	< 1	< 1	< 1	< 1	< 2	0
7/17/2007	7G18027-07	8260	< 1	< 1	< 1	< 1	< 2	< 1	< 1	< 1	< 1	< 1	< 2	0
7/21/2008	5420896	8260	< 1	< 0.8	< 1	< 0.8	< 2	< 0.8	< 0.8	< 0.8	< 1	< 0.8	< 1	0
7/8/2009	5719626	8260	< 1	< 0.8	< 1	< 0.8	< 2	< 0.8	< 0.8	< 0.8	< 1	< 0.8	< 1	0
7/19/2010	6036154	8260	< 1	< 0.8	< 1	< 0.8	< 2	< 0.8	< 0.8	< 0.8	< 1	< 0.8	< 1	0
7/12/2011	6342645	8260	< 1	< 0.8	< 1	< 0.8	< 2	< 0.8	< 0.8	< 0.8	< 1	< 0.8	< 1	0
7/11/2012	6717357	8260	< 1	< 0.8	< 1	< 0.8	< 2	< 0.8	< 0.8	< 0.8	< 1	< 0.8	< 1	0
7/10/2013	7123809	8260	< 1	< 0.8	< 1	< 0.8	< 2	< 0.8	< 0.8	< 0.8	< 1	< 0.8	< 1	0
7/15/2014	7534313	8260	< 0.5	< 0.5	< 0.5	< 0.5	< 2	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	0
7/9/2015	7962639	SW8260C	< 0.5	< 0.5	< 0.5	< 0.5	< 2	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	0

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To Address the NYSDEC concerns regarding the presentation and plotting of non-detected values, the data for 2001 to 2004 has been reevaluated and interpreted as follows:

1) Non-detected concentrations have been represented as '<' for reporting purposes.
2) Total VOCs have been recalculated and represented as the sum of the detected parameters shown on this table.
3) The method change to 8260 was approved by the NYSDEC and changed in January 2005.

B - The analyte is present in the associated method blank.
D - Result reported from a secondary dilution analysis.
E - Concentration exceeds the calibration range; Result is estimated.
J - Indicates an estimated value.
µg/L - micrograms per liter

MONITORING WELL GROUNDWATER ANALYTICAL RESULT SUMMARY
FORMER CARBORUNDUM COMPANY
SANBORN, NEW YORK

Well ID: **B-62M**

Date	Lab Sample ID	Method	Carbon tetrachloride (µg/L)	Chloroform (µg/L)	1,1-Dichloroethane (µg/L)	1,1-Dichloroethene (µg/L)	Methylene chloride (µg/L)	trans-1,2-Dichloroethene (µg/L)	cis-1,2-Dichloroethene (µg/L)	1,1,1-Trichloroethane (µg/L)	Trichloroethene (µg/L)	Tetrachloroethene (µg/L)	Vinyl chloride (µg/L)	Total
7/17/2002	A2732712	8021	< 1.2	< 1	< 1	< 1	< 2.5	< 1	2.2	< 1	7.4	< 1	< 1.8	9.6
8/5/2002	A2793609	8021	< 1.2	< 1	< 1	< 1	< 2.5	< 1	0.86 J	< 1	3.1	< 1	< 1.8	3.96
10/4/2002	A2986403	8021	< 1.2	< 1	< 1	< 1	< 2.5	< 1	< 1	< 1	1.2	< 1	< 1.8	1.2
1/17/2003	A3056009	8021	< 1.2	< 1	< 1	< 1	< 2.5	< 1	< 1	< 1	< 1.2	< 1	< 1.8	0
4/3/2003	A3315007	8021	< 1.2	< 1	< 1	< 1	< 2.5	< 1	< 1	< 1	< 1.2	< 1	< 1.8	0
7/8/2003	A3649202	8021	< 1.2	< 1	< 1	< 1	< 2.5	< 1	< 1	< 1	< 1.2	< 1	< 1.8	0
10/8/2003	A3978808	8021	< 1.2	< 1	< 1	< 1	< 2.5	< 1	< 1	< 1	< 1.2	< 1	< 1.8	0
1/7/2004	A4012309	8021	< 1.2	< 1	< 1	< 1	< 2.5	< 1	< 1	< 1	< 1.2	< 1	< 1.8	0
6/29/2004	A4614509	8021	< 1.2	< 1	< 1	< 1	< 2.5	< 1	< 1	< 1	< 1.2	< 1	< 1.8	0
4/4/2005	A5307806	8260	< 1.2	< 1	< 1	< 1	< 2.5	< 1	< 1	< 1	< 1.2	< 1	< 1.8	0
7/12/2005	A5725406	8260/5M	< 1.2	< 1	< 1	< 1	< 2.5	< 1	< 1	< 1	< 1.2	< 1	< 1.8	0
7/21/2006	6G21018-03	8260	< 1	< 1	< 1	< 1	4	< 1	< 1	< 1	< 1	< 1	< 2	4
7/17/2007	7G18027-03	8260	< 1	< 1	< 1	< 1	< 2	< 1	< 1	< 1	< 1	< 1	< 2	0
7/17/2008	5418423	8260	< 1	< 0.8	< 1	< 0.8	< 2	< 0.8	< 0.8	< 0.8	< 1	< 0.8	< 1	0
7/8/2009	5719616	8260	< 1	< 0.8	< 1	< 0.8	< 2	< 0.8	< 0.8	< 0.8	< 1	< 0.8	< 1	0
7/22/2010	6040536	8260	< 1	< 0.8	< 1	< 0.8	< 2	< 0.8	< 0.8	< 0.8	< 1	< 0.8	< 1	0
7/26/2011	6357495	8260	< 1	< 0.8	< 1	< 0.8	< 2	< 0.8	< 0.8	< 0.8	< 1	< 0.8	< 1	0
7/10/2012	6716076	8260	< 1	< 0.8	< 1	< 0.8	< 2	< 0.8	< 0.8	< 0.8	< 1	< 0.8	< 1	0
7/10/2013	7123803	8260	< 1	< 0.8	< 1	< 0.8	< 2	< 0.8	< 0.8	< 0.8	< 1	< 0.8	< 1	0
7/15/2014	7534320	8260	< 0.5	< 0.5	< 0.5	< 0.5	< 2	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	0
7/9/2015	7962635	SW8260C	< 0.5	< 0.5	< 0.5	< 0.5	< 2	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	0

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B - The analyte is present in the associated method blank.
D - Result reported from a secondary dilution analysis.
E - Concentration exceeds the calibration range; Result is estimated.
J - Indicates an estimated value.
µg/L - micrograms per liter

MONITORING WELL GROUNDWATER ANALYTICAL RESULT SUMMARY
FORMER CARBORUNDUM COMPANY
SANBORN, NEW YORK

Well ID: **B-63M**

Date	Lab Sample ID	Method	Carbon tetrachloride (µg/L)	Chloroform (µg/L)	1,1-Dichloroethane (µg/L)	1,1-Dichloroethene (µg/L)	Methylene chloride (µg/L)	trans-1,2-Dichloroethene (µg/L)	cis-1,2-Dichloroethene (µg/L)	1,1,1-Trichloroethane (µg/L)	Trichloroethene (µg/L)	Tetrachloroethene (µg/L)	Vinyl chloride (µg/L)	Total
7/17/2002	A2732709	8021	< 1.2	< 1	< 1	< 1	< 2.5	< 1	< 1	< 1	< 1.2	< 1	< 1.8	0
8/5/2002	A2793605	8021	< 1.2	< 1	< 1	< 1	< 2.5	< 1	< 1	< 1	< 1.2	< 1	< 1.8	0
1/13/2003	A3038006	8021	< 1.2	< 1	< 1	< 1	< 2.5	< 1	< 1	< 1	< 1.2	< 1	< 1.8	0
4/3/2003	A3315004	8021	< 1.2	< 1	< 1	< 1	< 2.5	< 1	< 1	< 1	< 1.2	< 1	< 1.8	0
7/8/2003	A3649201	8021	< 1.2	< 1	< 1	< 1	< 2.5	< 1	< 1	< 1	< 1.2	< 1	< 1.8	0
10/8/2003	A3978807	8021	< 1.2	< 1	< 1	< 1	< 2.5	< 1	< 1	< 1	< 1.2	< 1	< 1.8	0
1/7/2004	A4012305	8021	< 1.2	< 1	< 1	< 1	< 2.5	< 1	< 1	< 1	< 1.2	< 1	< 1.8	0
6/28/2004	A4614504	8021	< 1.2	< 1	< 1	< 1	< 2.5	< 1	< 1	< 1	< 1.2	< 1	< 1.8	0
4/4/2005	A5307805	8260	< 1.2	< 1	< 1	< 1	< 2.5	< 1	< 1	< 1	< 1.2	< 1	< 1.8	0
7/12/2005	A5725405	8260/5M	< 1.2	< 1	< 1	< 1	< 2.5	< 1	< 1	< 1	< 1.2	< 1	< 1.8	0
7/19/2006	6G20004-13	8260	< 1	< 1	< 1	< 1	< 2	< 1	< 1	< 1	< 1	< 1	< 2	0
7/18/2007	7G19011-08	8260	< 1	< 1	< 1	< 1	< 2	< 1	< 1	< 1	< 1	< 1	< 2	0
7/17/2008	5418424	8260	< 1	< 0.8	< 1	< 0.8	< 2	< 0.8	< 0.8	< 0.8	< 1	< 0.8	< 1	0
7/8/2009	5719620	8260	< 1	< 0.8	< 1	< 0.8	< 2	< 0.8	< 0.8	< 0.8	< 1	< 0.8	< 1	0
7/22/2010	6040535	8260	< 1	< 0.8	< 1	< 0.8	< 2	< 0.8	< 0.8	< 0.8	< 1	< 0.8	< 1	0
7/26/2011	6357496	8260	< 1	< 0.8	< 1	< 0.8	< 2	< 0.8	< 0.8	< 0.8	< 1	< 0.8	< 1	0
7/10/2012	6716070	8260	< 1	< 0.8	< 1	< 0.8	< 2	< 0.8	< 0.8	< 0.8	< 1	< 0.8	< 1	0
7/10/2013	7123802	8260	< 1	< 0.8	< 1	< 0.8	< 2	< 0.8	< 0.8	< 0.8	< 1	< 0.8	< 1	0
7/15/2014	7534316	8260	< 0.5	< 0.5	< 0.5	< 0.5	< 2	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	0
7/9/2015	7962634	SW8260C	< 0.5	< 0.5	< 0.5	< 0.5	< 2	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	0

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D - Result reported from a secondary dilution analysis.
E - Concentration exceeds the calibration range; Result is estimated.
J - Indicates an estimated value.
µg/L - micrograms per liter

MONITORING WELL GROUNDWATER ANALYTICAL RESULT SUMMARY
FORMER CARBORUNDUM COMPANY
SANBORN, NEW YORK

Well ID: **B-64M**

Date	Lab Sample ID	Method	Carbon tetrachloride (µg/L)	Chloroform (µg/L)	1,1-Dichloroethane (µg/L)	1,1-Dichloroethene (µg/L)	Methylene chloride (µg/L)	trans-1,2-Dichloroethene (µg/L)	cis-1,2-Dichloroethene (µg/L)	1,1,1-Trichloroethane (µg/L)	Trichloroethene (µg/L)	Tetrachloroethene (µg/L)	Vinyl chloride (µg/L)	Total
7/17/2002	A2732711	8021	< 1.2	17	< 1	< 1	< 2.5	< 1	< 1	< 1	8.7	< 1	< 1.8	25.7
8/5/2002	A2793606	8021	< 1.2	9.4	< 1	< 1	< 2.5	< 1	3.7	< 1	6.8	< 1	< 1.8	19.9
10/7/2002	A2999204	8021	< 1.2	0.9 J	< 1	< 1	< 2.5	< 1	0.3 J	< 1	0.96 J	< 1	< 1.8	2.16
1/15/2003	A3043011	8021	< 1.2	< 1	< 1	< 1	< 2.5	< 1	< 1	< 1	< 1.2	< 1	< 1.8	0
4/3/2003	A3315005	8021	< 1.2	< 1	< 1	< 1	< 2.5	< 1	< 1	< 1	< 1.2	< 1	< 1.8	0
7/3/2003	A3639706	8021	< 1.2	< 1	< 1	< 1	< 2.5	< 1	< 1	< 1	< 1.2	< 1	< 1.8	0
10/8/2003	A3978805	8021	< 1.2	< 1	< 1	< 1	< 2.5	< 1	1.1	< 1	< 1.2	< 1	< 1.8	1.1
1/7/2004	A4012307	8021	< 1.2	< 1	< 1	< 1	< 2.5	< 1	< 1	< 1	< 1.2	< 1	< 1.8	0
6/28/2004	A4614502	8021	< 1.2	< 1	< 1	< 1	< 2.5	< 1	< 1	< 1	< 1.2	< 1	< 1.8	0
4/4/2005	A5307804	8260	< 1.2	< 1	< 1	< 1	< 2.5	< 1	< 1	< 1	< 1.2	< 1	< 1.8	0
7/12/2005	A5725404	8260/5M	< 1.2	< 1	< 1	< 1	< 2.5	< 1	< 1	< 1	< 1.2	< 1	< 1.8	0
7/21/2006	6G21018-04	8260	< 1	< 1	< 1	< 1	5 B	< 1	< 1	< 1	< 1	< 1	< 2	5
7/17/2007	7G18027-01	8260	< 1	< 1	< 1	< 1	< 2	< 1	< 1	< 1	< 1	< 1	< 2	0
7/17/2008	5418425	8260	< 1	< 0.8	< 1	< 0.8	< 2	< 0.8	< 0.8	< 0.8	< 1	< 0.8	< 1	0
7/8/2009	5719619	8260	< 1	< 0.8	< 1	< 0.8	< 2	< 0.8	< 0.8	< 0.8	< 1	< 0.8	< 1	0
7/22/2010	6040531	8260	< 1	< 0.8	< 1	< 0.8	< 2	< 0.8	< 0.8	< 0.8	< 1	< 0.8	< 1	0
7/26/2011	6357497	8260	< 1	< 0.8	< 1	< 0.8	< 2	< 0.8	< 0.8	< 0.8	< 1	< 0.8	< 1	0
7/10/2012	6716071	8260	< 1	< 0.8	< 1	< 0.8	< 2	< 0.8	< 0.8	< 0.8	< 1	< 0.8	< 1	0
7/10/2013	7123804	8260	< 1	< 0.8	< 1	< 0.8	< 2	< 0.8	< 0.8	< 0.8	< 1	< 0.8	< 1	0
7/15/2014	7534317	8260	< 0.5	< 0.5	< 0.5	< 0.5	< 2	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	0
7/9/2015	7962633	SW8260C	< 0.5	< 0.5	< 0.5	< 0.5	< 2	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	0

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J - Indicates an estimated value.
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MONITORING WELL GROUNDWATER ANALYTICAL RESULT SUMMARY
FORMER CARBORUNDUM COMPANY
SANBORN, NEW YORK

Well ID: **B-65M**

Date	Lab Sample ID	Method	Carbon tetrachloride (µg/L)	Chloroform (µg/L)	1,1-Dichloroethane (µg/L)	1,1-Dichloroethene (µg/L)	Methylene chloride (µg/L)	trans-1,2-Dichloroethene (µg/L)	cis-1,2-Dichloroethene (µg/L)	1,1,1-Trichloroethane (µg/L)	Trichloroethene (µg/L)	Tetrachloroethene (µg/L)	Vinyl chloride (µg/L)	Total
7/17/2002	A2732713	8021	< 1.2	< 1	< 1	< 1	< 2.5	< 1	< 1	< 1	2.6	< 1	< 1.8	2.6
8/5/2002	A2793607	8021	< 1.2	0.24 J	< 1	< 1	< 2.5	< 1	< 1	< 1	0.49 J	< 1	< 1.8	0.73
10/7/2002	A2999203	8021	< 1.2	< 1	< 1	< 1	< 2.5	< 1	< 1	< 1	< 1.2	< 1	< 1.8	0
1/15/2003	A3043010	8021	< 1.2	< 1	< 1	< 1	< 2.5	< 1	< 1	< 1	< 1.2	< 1	< 1.8	0
4/3/2003	A3315006	8021	< 1.2	< 1	< 1	< 1	< 2.5	< 1	< 1	< 1	< 1.2	< 1	< 1.8	0
7/3/2003	A3639707	8021	< 1.2	< 1	< 1	< 1	< 2.5	< 1	< 1	< 1	< 1.2	< 1	< 1.8	0
10/8/2003	A3978806	8021	< 1.2	< 1	< 1	< 1	< 2.5	< 1	< 1	< 1	< 1.2	< 1	< 1.8	0
1/7/2004	A4012308	8021	< 1.2	< 1	< 1	< 1	< 2.5	< 1	< 1	< 1	< 1.2	< 1	< 1.8	0
6/29/2004	A4614508	8021	< 1.2	< 1	< 1	< 1	< 2.5	< 1	< 1	< 1	< 1.2	< 1	< 1.8	0
4/4/2005	A5307803	8260	< 1.2	< 1	< 1	< 1	< 2.5	< 1	< 1	< 1	< 1.2	< 1	< 1.8	0
7/12/2005	A5725403	8260/5M	< 1.2	< 1	< 1	< 1	< 2.5	< 1	< 1	< 1	< 1.2	< 1	< 1.8	0
7/21/2006	6G21018-05	8260	< 1	< 1	< 1	< 1	3 B	< 1	< 1	< 1	< 1	< 1	< 2	3
7/17/2007	7G18027-02	8260	< 1	< 1	< 1	< 1	< 2	< 1	< 1	< 1	< 1	< 1	< 2	0
7/17/2008	5418426	8260	< 1	< 0.8	< 1	< 0.8	< 2	< 0.8	< 0.8	< 0.8	< 1	< 0.8	< 1	0
7/8/2009	5719618	8260	< 1	< 0.8	< 1	< 0.8	< 2	< 0.8	< 0.8	< 0.8	< 1	< 0.8	< 1	0
7/22/2010	6040539	8260	< 1	< 0.8	< 1	< 0.8	< 2	< 0.8	< 0.8	< 0.8	< 1	< 0.8	< 1	0
7/26/2011	6357501	8260	< 1	< 0.8	< 1	< 0.8	< 2	< 0.8	< 0.8	< 0.8	< 1	< 0.8	< 1	0
7/10/2012	6716072	8260	< 1	< 0.8	< 1	< 0.8	< 2	< 0.8	< 0.8	< 0.8	< 1	< 0.8	< 1	0
7/10/2013	7123805	8260	< 1	< 0.8	< 1	< 0.8	< 2	< 0.8	< 0.8	< 0.8	< 1	< 0.8	< 1	0
7/15/2014	7534318	8260	< 0.5	< 0.5	< 0.5	< 0.5	< 2	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	0
7/9/2015	7962632	SW8260C	< 0.5	< 0.5	< 0.5	< 0.5	< 2	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	0

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To Address the NYSDEC concerns regarding the presentation and plotting of non-detected values, the data for 2001 to 2004 has been reevaluated and interpreted as follows:
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E - Concentration exceeds the calibration range; Result is estimated.
J - Indicates an estimated value.
µg/L - micrograms per liter

MONITORING WELL GROUNDWATER ANALYTICAL RESULT SUMMARY
FORMER CARBORUNDUM COMPANY
SANBORN, NEW YORK

Well ID: **B-66M**

Date	Lab Sample ID	Method	Carbon tetrachloride (µg/L)	Chloroform (µg/L)	1,1-Dichloroethane (µg/L)	1,1-Dichloroethene (µg/L)	Methylene chloride (µg/L)	trans-1,2-Dichloroethene (µg/L)	cis-1,2-Dichloroethene (µg/L)	1,1,1-Trichloroethane (µg/L)	Trichloroethene (µg/L)	Tetrachloroethene (µg/L)	Vinyl chloride (µg/L)	Total
7/18/2002	A2732706	8021	< 1.2	< 1	< 1	< 1	< 2.5	< 1	< 1	< 1	5.2	< 1	< 1.8	5.2
8/5/2002	A2793608	8021	< 1.2	0.35 J	< 1	< 1	< 2.5	< 1	< 1	< 1	2.6	< 1	< 1.8	2.95
10/7/2002	A2999202	8021	< 1.2	< 1	< 1	< 1	< 2.5	< 1	< 1	< 1	< 1.2	< 1	< 1.8	0
1/14/2003	A3043005	8021	< 1.2	< 1	< 1	< 1	< 2.5	< 1	0.38 J	< 1	0.24 J	< 1	< 1.8	0.62
4/7/2003	A3320701	8021	< 1.2	< 1	< 1	< 1	< 2.5	< 1	< 1	< 1	< 1.2	< 1	< 1.8	0
7/3/2003	A3639704	8021	< 1.2	< 1	< 1	< 1	< 2.5	< 1	< 1	< 1	< 1.2	< 1	< 1.8	0
10/8/2003	A3978803	8021	< 1.2	< 1	< 1	< 1	< 2.5	< 1	< 1	< 1	< 1.2	< 1	< 1.8	0
1/7/2004	A4012311	8021	< 1.2	< 1	< 1	< 1	< 2.5	< 1	< 1	< 1	< 1.2	< 1	< 1.8	0
6/28/2004	A4614505	8021	< 1.2	< 1	< 1	< 1	< 2.5	< 1	< 1	< 1	< 1.2	< 1	< 1.8	0
4/4/2005	A5307802	8260	< 1.2	< 1	< 1	< 1	< 2.5	< 1	< 1	< 1	< 1.2	< 1	< 1.8	0
7/12/2005	A5725402	8260/5M	< 1.2	< 1	< 1	< 1	< 2.5	< 1	< 1	< 1	< 1.2	< 1	< 1.8	0
7/13/2006	6G14009-01	8260	< 1	< 1	< 1	< 1	< 2	< 1	< 1	< 1	< 1	< 1	< 2	0
7/17/2007	7G18027-05	8260	< 1	< 1	< 1	< 1	< 2	< 1	< 1	< 1	< 1	< 1	< 2	0
7/17/2008	5418427	8260	< 1	< 0.8	< 1	< 0.8	< 2	< 0.8	< 0.8	< 0.8	< 1	< 0.8	< 1	0
7/8/2009	5719614	8260	< 1	< 0.8	< 1	< 0.8	< 2	< 0.8	< 0.8	< 0.8	< 1	< 0.8	< 1	0
7/19/2010	6036147	8260	< 1	< 0.8	< 1	< 0.8	< 2	< 0.8	< 0.8	< 0.8	< 1	< 0.8	< 1	0
7/26/2011	6357502	8260	< 1	< 0.8	< 1	< 0.8	< 2	< 0.8	< 0.8	< 0.8	< 1	< 0.8	< 1	0
7/10/2012	6716077	8260	< 1	< 0.8	< 1	< 0.8	< 2	< 0.8	< 0.8	< 0.8	< 1	< 0.8	< 1	0
7/10/2013	7123806	8260	< 1	< 0.8	< 1	< 0.8	< 2	< 0.8	< 0.8	< 0.8	< 1	< 0.8	< 1	0
7/11/2014	7531028	8260	< 0.5	< 0.5	< 0.5	< 0.5	< 2	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	0
7/9/2015	7962630	SW8260C	< 0.5	< 0.5	< 0.5	< 0.5	< 2	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	0

< - Indicates parameter was analyzed for, but not detected at or above the reporting limit
To Address the NYSDEC concerns regarding the presentation and plotting of non-detected values, the data for 2001 to 2004 has been reevaluated and interpreted as follows:
1) Non-detected concentrations have been represented as '<' for reporting purposes.
2) Total VOCs have been recalculated and represented as the sum of the detected parameters shown on this table.
3) The method change to 8260 was approved by the NYSDEC and changed in January 2005.

B - The analyte is present in the associated method blank.
D - Result reported from a secondary dilution analysis.
E - Concentration exceeds the calibration range; Result is estimated.
J - Indicates an estimated value.
µg/L - micrograms per liter

MONITORING WELL GROUNDWATER ANALYTICAL RESULT SUMMARY
FORMER CARBORUNDUM COMPANY
SANBORN, NEW YORK

Well ID: **B-67M**

Date	Lab Sample ID	Method	Carbon tetrachloride (µg/L)	Chloroform (µg/L)	1,1-Dichloroethane (µg/L)	1,1-Dichloroethene (µg/L)	Methylene chloride (µg/L)	trans-1,2-Dichloroethene (µg/L)	cis-1,2-Dichloroethene (µg/L)	1,1,1-Trichloroethane (µg/L)	Trichloroethene (µg/L)	Tetrachloroethene (µg/L)	Vinyl chloride (µg/L)	Total
7/17/2002	A2732707	8021	< 1.2	< 1	< 1	< 1	< 2.5	< 1	< 1	< 1	< 1.2	< 1	< 1.8	0
8/5/2002	A2793613	8021	< 1.2	< 1	< 1	< 1	< 2.5	< 1	< 1	< 1	< 1.2	< 1	< 1.8	0
10/4/2002	A2986401	8021	< 1.2	< 1	< 1	< 1	< 2.5	< 1	< 1	< 1	< 1.2	< 1	< 1.8	0
1/14/2003	A3043006	8021	< 1.2	< 1	< 1	< 1	< 2.5	< 1	< 1	< 1	< 1.2	< 1	< 1.8	0
4/3/2003	A3315001	8021	< 1.2	< 1	< 1	< 1	< 2.5	< 1	< 1	< 1	< 1.2	< 1	< 1.8	0
7/3/2003	A3639705	8021	< 1.2	< 1	< 1	< 1	< 2.5	< 1	< 1	< 1	< 1.2	< 1	< 1.8	0
10/8/2003	A3978802	8021	< 1.2	< 1	< 1	< 1	< 2.5	< 1	< 1	< 1	< 1.2	< 1	< 1.8	0
1/7/2004	A4012310	8021	< 1.2	< 1	< 1	< 1	< 2.5	< 1	< 1	< 1	< 1.2	< 1	< 1.8	0
6/28/2004	A4614506	8021	< 1.2	< 1	< 1	< 1	< 2.5	< 1	< 1	< 1	< 1.2	< 1	< 1.8	0
4/4/2005	A5307801	8260	< 1.2	< 1	< 1	< 1	< 2.5	< 1	< 1	< 1	< 1.2	< 1	< 1.8	0
7/12/2005	A5725401	8260/5M	< 1.2	< 1	< 1	< 1	< 2.5	< 1	< 1	< 1	< 1.2	< 1	< 1.8	0
7/13/2006	6G14009-02	8260	< 1	< 1	< 1	< 1	3	< 1	< 1	< 1	< 1	< 1	< 2	3
7/17/2007	7G18027-04	8260	< 1	< 1	< 1	< 1	< 2	< 1	< 1	< 1	< 1	< 1	< 2	0
7/17/2008	5418428	8260	< 1	< 0.8	< 1	< 0.8	< 2	< 0.8	< 0.8	< 0.8	< 1	< 0.8	< 1	0
7/8/2009	5719615	8260	< 1	< 0.8	< 1	< 0.8	< 2	< 0.8	< 0.8	< 0.8	< 1	< 0.8	< 1	0
7/19/2010	6036146	8260	< 1	< 0.8	< 1	< 0.8	< 2	< 0.8	< 0.8	< 0.8	< 1	< 0.8	< 1	0
7/26/2011	6357503	8260	< 1	< 0.8	< 1	< 0.8	< 2	< 0.8	< 0.8	< 0.8	< 1	< 0.8	< 1	0
7/10/2012	6716078	8260	< 1	< 0.8	< 1	< 0.8	< 2	< 0.8	< 0.8	< 0.8	< 1	< 0.8	< 1	0
7/10/2013	7123807	8260	< 1	< 0.8	< 1	< 0.8	< 2	< 0.8	< 0.8	< 0.8	< 1	< 0.8	< 1	0
7/11/2014	7531027	8260	< 0.5	< 0.5	< 0.5	< 0.5	< 2	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	0
7/9/2015	7962631	SW8260C	< 0.5	< 0.5	< 0.5	< 0.5	< 2	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	0

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To Address the NYSDEC concerns regarding the presentation and plotting of non-detected values, the data for 2001 to 2004 has been reevaluated and interpreted as follows:
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D - Result reported from a secondary dilution analysis.
E - Concentration exceeds the calibration range; Result is estimated.
J - Indicates an estimated value.
µg/L - micrograms per liter

MONITORING WELL GROUNDWATER ANALYTICAL RESULT SUMMARY
FORMER CARBORUNDUM COMPANY
SANBORN, NEW YORK

Well ID: **DNAPL SUMP**

Date	Lab Sample ID	Method	Carbon tetrachloride (µg/L)	Chloroform (µg/L)	1,1-Dichloroethane (µg/L)	1,1-Dichloroethene (µg/L)	Methylene chloride (µg/L)	trans-1,2-Dichloroethene (µg/L)	cis-1,2-Dichloroethene (µg/L)	1,1,1-Trichloroethane (µg/L)	Trichloroethene (µg/L)	Tetrachloroethene (µg/L)	Vinyl chloride (µg/L)	Total
7/20/2000	A0508914	8021	< 20	< 20	< 20	< 20	< 20	< 20	1500	< 20	400	< 20	< 20	1900
4/25/2001	A1382102	8021	< 20	< 20	< 20	< 20	< 20	< 20	2300	< 20	14000 D	< 20	56	16356
7/12/2001	A1663804	8021	< 1.2	< 1	< 1	< 1	1.7 J	< 1	120	< 1	63	< 1	2.5	187.2
1/25/2002	A2081502	8021	< 1.2	< 1	< 1	13	1 J	15	4900 D	< 1	1600 D	1.3	9.1	6539.4
4/19/2002	A2384301	8021	< 40	< 40	< 40	< 40	< 40	< 40	5900	< 40	5000	< 40	130	11030
7/16/2002	A2722915	8021	< 40	< 40	< 40	< 40	160	< 40	3000	< 40	5500	< 40	240	8900
10/9/2002	A2A07506	8021	< 100	< 100	< 100	< 100	< 100	< 100	4400	< 100	6600	< 100	< 100	11000
1/23/2003	A3075206	8021	< 290	< 91	< 99	< 160	< 370	< 150	2800	< 190	16000	< 330	< 130	18800
4/10/2003	A3335401	8021	< 29	< 9.1	< 9.9	< 16	180	< 15	2100	< 19	2400	< 33	190	4870
7/10/2003	A3654306	8021	< 58	< 18	< 20	< 33	< 74	< 31	1700	< 37	3400	< 66	110	5210

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B - The analyte is present in the associated method blank.
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E - Concentration exceeds the calibration range; Result is estimated.
J - Indicates an estimated value.
µg/L - micrograms per liter

MONITORING WELL GROUNDWATER ANALYTICAL RESULT SUMMARY
FORMER CARBORUNDUM COMPANY
SANBORN, NEW YORK

Well ID: **P-2**

Date	Lab Sample ID	Method	Carbon tetrachloride (µg/L)	Chloroform (µg/L)	1,1-Dichloroethane (µg/L)	1,1-Dichloroethene (µg/L)	Methylene chloride (µg/L)	trans-1,2-Dichloroethene (µg/L)	cis-1,2-Dichloroethene (µg/L)	1,1,1-Trichloroethane (µg/L)	Trichloroethene (µg/L)	Tetrachloroethene (µg/L)	Vinyl chloride (µg/L)	Total
8/1/1984		8260		8	46	0.03	9	< 5	52	320	340	< 5	7	782.03
3/1/1985		8260	< 5	< 5	< 5	< 10	< 5	< 5	24	< 5	81	< 5	< 5	105
5/1/1985		8260	< 40	< 20	< 40	< 100	< 20	< 60	< 60	< 60	58	< 5	< 40	58
12/1/1985		8260	< 2.8	< 1.6	< 4.7	< 2.8	< 0.4	< 5	3.4	< 3.8	57	< 5	< 10	60.4
4/1/1986		8260	< 0.4	< 0.2	< 0.4	< 0.4	< 0.2	< 5	6.2	< 0.2	32	< 5	< 0.4	38.2
7/1/1986		8260	< 0.4	< 0.2	1.2	< 0.4	< 0.2	< 5	97	0.4	300	< 5	0.6	399.2
10/1/1986		8260	< 1	1.5	< 1	< 1	< 3	< 5	12	< 1	180	< 5	< 1	193.5
4/1/1987		8260	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 5	4.8	< 0.2	21	< 5	< 0.2	25.8
7/1/1987		8260	< 1	< 0.6	4.9	< 0.4	< 0.2	< 5	54	29	490	< 5	< 1.3	577.9
10/1/1987		8260	< 100	90	1200	67	42	< 5	3600	3700	19000	< 5	150	27849
2/1/1988		8260	< 1	< 1	< 1	< 2	< 1	< 5	32	< 1	110	< 5	< 2	142
8/1/1988		8260	< 1	8	11	< 1	< 1	< 5	39	7	82	< 5	< 2	147
11/1/1988		8260	< 0.2	< 0.2	2	0.2	0.7	< 5	190	3.6	1600	< 5	7.6	1804.1
1/1/1989		8260	< 0.1	< 5	2.6	0.4	< 0.1	2.4	48	9.5	560	0.3	1.4	624.6
4/1/1989		8260	26	< 0.05	< 0.07	< 0.03	< 0.1	< 0.1	5	< 0.03	< 0.1	< 0.03	< 0.2	31
7/1/1989		8260	< 1.2	< 0.5	< 0.7	< 1.3	< 2.5	< 1	12	< 0.3	93	< 0.3	< 1.8	105
10/1/1989		8260	< 1	< 0.5	110	6.7	< 1	1.9	140	240	1200	< 0.3	19	1717.6
1/1/1990		8260	< 5	< 2.5	< 3.5	< 5	< 25	< 5	21	< 1	190	< 1.5	< 5	211
4/1/1990		8260	< 1	< 0.5	< 0.7	< 1	< 5	< 1	3.9	< 0.3	30	< 0.3	< 1	33.9
7/1/1990		8260	< 1	< 0.5	5.4	< 1	< 5	< 1	15	16	140	< 0.3	< 1	176.4
10/1/1990		8260	< 5	7.9	720	210	< 5	11	1200	1200	1800	< 1.5	41	5189.9
1/1/1991		8260	< 1	< 0.5	< 0.7	3.1	< 5	< 1	19	4.7	170	< 0.3	< 1	196.8
4/1/1991		8260	< 6	< 2.5	< 3.5	< 6.5	< 12	< 5	9.8	2	79	< 1.5	< 9	90.8
7/1/1991		8260	< 6	3	5.8	< 6.5	< 13	< 5	120	19	920	< 1.5	< 9	1067.8
10/1/1991		8260	< 12	11	240	36	< 25	< 10	750	750	8300	< 3	42	10129
1/1/1992		8260	< 120	< 50	880	< 130	< 250	< 100	1300	2200	11000	< 30	< 180	15380
4/1/1992		8260	< 120	< 50	< 70	< 130	< 250	< 100	< 100	< 30	510	< 30	< 180	510
7/1/1992		8260	< 120	< 50	< 70	< 130	< 250	< 100	230	< 200	2100	< 30	< 180	2330
10/1/1992		8260	< 1.2	1.2	5.1	1.6	< 2.5	< 1	120	18	520	< 0.3	7.6	673.5
2/26/1993		8260	< 1.2	< 0.5	4.6	< 1.3	< 2.5	< 1	27	12	390	< 0.3	3.7	437.3
3/5/1993		8260	< 1.2	< 0.5	3	< 1.3	< 2.5	1	36	7.1	500	< 0.3	4.2	551.3
3/11/1993		8260	< 1.2	1.1	2.4	< 1.3	< 2.5	< 1	35	6	480	< 0.3	3.8	528.3
3/16/1993		8260	< 1.2	0.54	2.2	< 1.3	< 2.5	< 1	29	5.5	450	0.36	3.4	491
3/29/1993		8260	< 1.2	< 0.5	< 0.7	< 1.3	< 2.5	< 1	2.9	< 0.5	51	< 0.3	< 1.8	53.9
4/15/1993		8260	< 1.2	< 0.5	3.6	< 1.3	< 2.5	< 1	8	10	110	< 0.3	< 1.8	131.6
5/6/1993		8260	< 1.2	< 0.5	3.5	< 1.3	< 2.5	< 1	23	12	350	< 0.3	< 1.8	388.5
6/4/1993		8260	< 1.2	< 0.5	8.6	< 1.3	4.1	< 1	27	26	1100	0.63	< 1.8	1166.33
6/29/1993		8260	< 1.2	< 0.5	9.8	< 1.3	< 2.5	< 1	54	27	550	< 0.3	< 1.8	640.8
8/4/1993		8260	< 1.2	< 0.5	5.5	< 1.3	7.3	1.1	66	9.9	530	< 0.3	6.2	626
9/1/1993		8260	< 12	< 5	< 7	< 13	< 25	< 10	82	7.1	480	< 3	< 18	569.1
10/6/1993		8260	< 12	< 5	< 7	< 13	29	< 1	76	5.3	690	< 3	< 18	800.3
12/31/1993		8260	< 0.5	< 0.5	1.1	< 0.5	1.1 *	< 0.5	16	0.77	330	< 0.5	3.8	352.77
1/1/1994		8260	< 5	< 5	< 5	< 5	< 5	< 5	30	< 5	300	< 5	< 10	330
1/2/1994		8260	< 5	< 5	< 5	< 5	< 5	< 5	29	< 5	690	< 5	< 10	719
1/3/1994		8260	< 0.5	< 0.5	4.2	< 0.5	0.6 *	< 0.5	37	7.4	730	< 0.5	8.2	787.4
1/4/1994		8260	< 0.5	< 0.5	11	0.6	1.2 *	< 0.5	53	25	750	< 0.5	7.7	848.5

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2) Total VOCs have been recalculated and represented as the sum of the detected parameters shown on this table.
3) The method change to 8260 was approved by the NYSDEC and changed in January 2005.

B - The analyte is present in the associated method blank.
D - Result reported from a secondary dilution analysis.
E - Concentration exceeds the calibration range; Result is estimated.
J - Indicates an estimated value.
µg/L - micrograms per liter

Well ID: **P-2**

Date	Lab Sample ID	Method	Carbon tetrachloride (µg/L)	Chloroform (µg/L)	1,1-Dichloroethane (µg/L)	1,1-Dichloroethene (µg/L)	Methylene chloride (µg/L)	trans-1,2-Dichloroethene (µg/L)	cis-1,2-Dichloroethene (µg/L)	1,1,1-Trichloroethane (µg/L)	Trichloroethene (µg/L)	Tetrachloroethene (µg/L)	Vinyl chloride (µg/L)	Total
1/6/1994		8260	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	56	14	860	< 0.5	9.5	939.5
1/7/1994		8260	< 0.5	< 0.5	4.7	< 0.5	1 *	< 0.5	36	9	610	< 0.5	2.9	663.6
1/11/1994		8260	< 0.5	< 0.5	3.6	< 0.5	< 0.5	< 0.5	51	16	660	< 0.5	1.1	731.7
1/13/1994		8260	< 0.5	< 0.5	6.2	1.1	0.92 *	0.66	54	13.2	890	< 0.5	4.5	970.58
1/20/1994		8260	< 1.2	< 0.5	11	< 1.3	< 2.5	1.1	57	20	630	< 0.3	11	730.1
1/27/1994		8260	< 1.2	< 0.5	8.1	< 1.3	< 2.5	< 1	120	14	830	< 0.3	17	989.1
6/10/1994		8260	< 12	7.2	26	13	270	< 10	38	53	750	< 3	22	1179.2
7/6/1994		8260	< 1.2	< 0.5	3	< 1.3	< 2.5	1	57	8.9	810	< 0.3	2.2	882.1
8/16/1994		8260	< 12	< 5	9.8	< 13	< 25	< 10	74	28	500	< 3	< 18	611.8
10/7/1994		8260	< 12	< 5	< 7	< 13	< 25	< 10	61	< 5	610	< 3	< 18	671
1/25/1995		8260	< 1	< 1	< 1	< 1	< 1	< 1	4.2	4.3	96	< 1	< 2	104.5
4/4/1995		8260	< 2.5	< 2.5	< 2.5	< 2.5	< 2.5	< 2.5	32	< 2.5	340	< 2.5	< 5	372
6/27/1995		8260	< 10	< 10	< 10	< 10	< 10	< 10	56	< 10	860	< 10	< 20	916
10/10/1995		8260	< 12	< 5	18	< 7	< 25	< 10	130	32	790	< 7.9	< 18	970
1/11/1996		8260	< 12	< 5	< 10	< 7	< 25	< 10	33	< 6.4	480	< 7.9	< 18	513
4/2/1996		8260	< 12	< 5	< 10	< 7	< 25	< 10	28	< 6.4	490	< 7.9	< 18	518
7/11/1996		8260	< 12	< 5	< 10	< 7	< 25	< 10	48	< 6.4	510	< 7.9	< 18	558
10/4/1996		8260	< 12	5.5	< 10	< 7	< 25	< 10	31	< 6.4	620	< 7.9	< 18	656.5
1/29/1997		8260	< 12	< 5	< 10	< 7	< 25	< 10	25	< 6.4	600	< 7.9	< 18	625
4/16/1997		8260	< 12	< 5	< 10	< 7	< 25	< 10	26	< 6.4	420	< 7.9	< 18	446
7/16/1997		8260	< 12	< 5	< 10	< 7	< 25	< 10	39	< 6.4	610	< 7.9	< 18	649
10/24/1997		8260	< 12	< 5	< 10	< 7	< 25	< 10	70	< 6.4	820	< 7.9	< 18	890
1/19/1998		8260	< 12	< 5	< 10	< 7	< 25	< 10	15	< 6.4	480	< 7.9	< 18	495
4/24/1998		8260	< 12	< 5	< 10	< 7	< 25	< 10	14	< 6.4	410	< 7.9	< 18	424
7/31/1998		8260	< 12	< 5	< 10	< 7	< 25	< 10	38	< 6.4	300	< 7.9	< 18	338
10/8/1998		8260	< 60	< 25	< 50	< 35	< 130	< 50	180	< 32	1600	< 40	< 90	1780
1/21/1999		8260	< 12	5 J	< 10	< 7	< 25	< 10	120	< 6.4	1100	< 7.9	< 18	1225
4/15/1999		8260	< 12	5.7 J	< 10	< 7	< 25	< 10	45	< 6.4	320	< 7.9	< 18	370.7
7/19/1999		8260	< 12	< 5	< 10	< 7	< 25	< 10	48	< 6.4	280	< 7.9	< 18	328
10/11/1999		8260	< 1.2	< 1	< 1	< 1	1.5 J	< 1	56	< 1	430	< 1	< 1.8	487.5
1/11/2000	A0018412	8021	< 3.2	< 3.2	< 3.2	< 3.2	9	< 3.2	27	< 3.2	340	< 3.2	< 3.2	376
4/18/2000	A0259411	8021	< 1.2	< 1	1.3	< 1	< 2.5	< 1	13	9.3	140 D	< 1	< 1.8	163.6
7/12/2000	A0483106	8021	< 2	< 2	< 2	< 2	2.5	< 2	18	< 2	190	< 2	< 2	210.5
10/18/2000	A0751318	8021	< 4	< 4	< 4	< 4	6	< 4	61	< 4	350	< 4	< 4	417
1/15/2001	A1041303	8021	< 4	< 4	< 4	< 4	< 4	< 4	74	< 4	340	< 4	< 4	414
4/20/2001	A1366406	624	< 1.2	< 1.5	< 1.8	< 1.4	< 2.5	< 1.8	35	< 1.1	320 D	< 1.1	< 1.8	355
7/13/2001	A1663813	8021	< 2	< 2	< 2	< 2	3.9	< 2	39	< 2	230	< 2	< 2	272.9
9/6/2001	A1858801	8021	< 50	< 50	< 50	< 50	110	< 50	500	< 50	4800	< 50	< 50	5410
10/15/2001	A1A17406	8021	< 50	< 50	< 50	< 50	58	< 50	150	< 50	3900	< 50	< 50	4108
1/24/2002	A2076711	8021	< 160	< 160	< 160	< 160	310	< 160	740	560	8000	< 160	< 160	9610
4/19/2002	A2384302	8021	< 100	< 100	< 100	< 100	< 100	< 100	600	190	15000	< 100	< 100	15790
7/16/2002	A2722916	8021	< 160	< 160	< 160	< 160	610	< 160	1500	1000	16000	< 160	< 160	19110
10/9/2002	A2A07507	8021	< 100	< 100	< 100	< 100	< 100	< 100	540	< 100	12000	< 100	< 100	12540
4/9/2003	A3329402	8021	< 29	< 9.1	210	22	110	< 15	390	1800	1200	< 33	< 13	3732
7/10/2003	A3654303	8021	< 120	< 36	< 40	< 66	< 150	< 62	860	400	7700	< 130	< 52	8960
10/13/2003	A3991301	8021	< 120	< 20	120	< 66	100	< 40	1200	870	7500	< 9.2	< 71	9790
1/7/2004	A4012402	8021	< 120	< 20	270	< 66	< 36	< 40	1000	1800	7800	< 9.2	120	10990
4/14/2004	A4331402	8021	< 120	< 20	180	< 66	< 36	< 40	960	1800	9700	< 9.2	< 71	12640
7/7/2004	A4636803	8021	< 140	< 25	220	< 82	< 45	< 50	1100	1100	12000	< 11	< 89	14420

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To Address the NYSDEC concerns regarding the presentation and plotting of non-detected values, the data for 2001 to 2004 has been reevaluated and interpreted as follows:

1) Non-detected concentrations have been represented as '<' for reporting purposes.
2) Total VOCs have been recalculated and represented as the sum of the detected parameters shown on this table.
3) The method change to 8260 was approved by the NYSDEC and changed in January 2005.

B - The analyte is present in the associated method blank.
D - Result reported from a secondary dilution analysis.
E - Concentration exceeds the calibration range; Result is estimated.
J - Indicates an estimated value.
µg/L - micrograms per liter

Well ID: **P-2**

Date	Lab Sample ID	Method	Carbon tetrachloride (µg/L)	Chloroform (µg/L)	1,1-Dichloroethane (µg/L)	1,1-Dichloroethene (µg/L)	Methylene chloride (µg/L)	trans-1,2-Dichloroethene (µg/L)	cis-1,2-Dichloroethene (µg/L)	1,1,1-Trichloroethane (µg/L)	Trichloroethene (µg/L)	Tetrachloroethene (µg/L)	Vinyl chloride (µg/L)	Total
10/8/2004	A4994502	8021	< 250	< 250	< 250	< 250	< 1200	< 250	760	760	10000	< 250	< 250	11520
1/18/2005	A5051103	8260	< 95	< 160	< 190	< 94	< 200	< 160	860	1400	12000	< 130	< 290	14260
4/4/2005	A5307503	8260	< 1.2	0.68 J	170 E	66 E	< 2.5	7.7	580 D	1300 D	8200 D	1.9	20	10346.28
7/11/2005	A5724601	8260/5M	< 64	< 70	70	< 75	< 69	< 79	710	280	9200	< 80	< 79	10260
10/5/2005	A5B10701	8260	< 27	< 34	180	< 29	< 44	< 33	530	1000	5400	< 36	< 24	7110
1/24/2006	A6089106	8260	< 33	< 42	170	< 37	< 55	< 42	770	1200	8500	< 46	< 30	10640
4/12/2006	6D13005-04	8260	< 5	< 5	124	24	11	7	638	1020	7800 D	< 5	18	9642
7/11/2006	6G12005-03	8260	< 5	< 5	102	14	22	< 5	621	411	6850 D	< 5	13	8033
10/9/2006	6J10002-03	8260	< 5	< 5	146	23	< 10	6	322	1130 D	2770 D	< 5	12	4409
1/10/2007	7A11003-04	8260	< 5	< 5	135	17	12	< 5	368	919	4950 D	< 5	10	6411
4/3/2007	7D04039-01	8260	< 5	< 5	110	23	164	9	792	897	9730 D	< 5	24	11749
7/5/2007	7G06018-04	8260	< 100	< 100	148	< 100	< 200	< 100	10400	936	372	< 100	< 200	11856
10/10/2007	7J11002-01	8260	< 25	< 25	36	< 25	< 50	< 25	2190	50	3380	< 25	80	5736
1/7/2008	8A08003-09	8260	< 25	< 25	86	< 25	86	< 25	629	722	524	< 25	< 50	2047
4/8/2008	8D09003-04	8260	< 10	< 10	102	15	< 20	< 10	1290	382	366	< 10	90	2245
7/16/2008	5417447	8260	< 5	< 4	120	11 J	< 10	6 J	2000	210	95	< 4	390	2832
10/14/2008	5498678	8260	< 2	< 1.6	190	3.1 J	< 4	5 J	1200	120	97	< 1.6	21	1636.1
1/21/2009	5582428	8260	< 1	< 0.8	86	7.6	< 2	5	920	100	280	< 0.8	70	1468.6
4/16/2009	5649165	8260	< 1	< 0.8	190	31	< 2	5.1	780	1100	260	< 0.8	160	2526.1
7/13/2009	5722296	8260	< 2	< 1.6	82	19	< 4	7.9 J	1700	350	420	< 1.6	150	2728.9
10/7/2009	5800381	8260	< 2	< 1.6	460	62	< 4	2.9 J	500	2800	250	< 1.6	65	4139.9
1/26/2010	5893226	8260	< 5	< 4	270	39	< 10	< 4	490	2300	320	< 4	39	3458
4/7/2010	5948423	8260	< 1	0.98 J	270	81	< 2	9.5	910	2200	2400	0.82 J	85	5957.3
7/21/2010	6039078	8260	< 2	< 1.6	180	31	< 4	7.8 J	1100	1100	2300	< 1.6	60	4778.8
10/12/2010	6109750	8260	< 5	< 4	580	88	< 10	12 J	1700	4700	3400	< 4	94	10574
1/24/2011	6190814	8260	< 2.5	< 2	280	47	< 5	5.6 J	800	2100	1700	< 2	31	4963.6
4/12/2011	6256723	8260	< 5	< 4	150	30	< 10	7.6 J	1100	1100	5400	< 4	41	7828.6
7/20/2011	6352280	8260	< 5	< 4	98	25	< 10	11 J	1600	630	6000	< 4	57	8421
10/12/2011	6435908	8260	< 5	< 4	210	41	< 10	9.9 J	980	1600	3700	< 4	42	6582.9
1/19/2012	6527711	8260	< 2	< 1.6	82	22	< 4	2.4 J	500	560	1600	< 1.6	5.7 J	2772.1
4/4/2012	6607024	8260	< 2	< 1.6	77	15	< 4	4.1 J	710	560	2700	< 1.6	20	4086.1
7/19/2012	6728260	8260	< 5	< 4	150	26	< 10	10 J	1700	970	7800	< 4	48	10704
10/4/2012	6814368	8260	< 1	< 0.8	< 1	< 0.8	< 2	< 0.8	2.7 J	5.7	75	< 0.8	< 1	83.4
1/24/2013	6934232	8260	< 1	< 0.8	< 1	< 0.8	< 2	< 0.8	12	2.6 J	36	< 0.8	< 1	50.6
4/4/2013	7011183	8260	< 2	< 1.6	81	22	< 4	7.9 J	640	590	6300	< 1.6	18	7658.9
7/11/2013	7125530	8260	< 1	< 0.8	77	21	< 2	9.1	780	530	8700	1.3 J	44	10162.4
11/12/2013	7275078	8260	< 5	< 4	61	15 J	< 10	4.7 J	530	390	4400	< 4	18 J	5418.7
1/17/2014	7341390	8260	< 1	< 0.8	33	9	< 2	2.5 J	260	260	2500	< 0.8	3 J	3067.5
4/14/2014	7430456	8260	< 2.5	< 2.5	94	27	< 10	4.7 J	490	790	4900	< 2.5	6.2	6311.9
7/10/2014	7529502	8260	< 5	< 5	86	28	< 20	6.2 J	720	700	6500	< 5	24	8064.2
10/6/2014	7626647	8260	< 5	< 5	87	35	< 20	6.3 J	750	550	6700	< 5	34	8162.3
1/8/2015	7734020	8260	< 2.5	< 2.5	21	7.3	< 10	4.7 J	590	120	4800	< 2.5	8.5	5551.5
4/15/2015	7849427	8260	< 0.5	0.68 J	81	28	< 2	4.5	400	480	3200	1 J	16	4211.18
7/13/2015	7965563	SW8260C	< 5	< 5	20	11	< 20	5.3 J	520	63	5700	< 5	8.2 J	6327.5
10/7/2015	8080779	SW8260C	< 1	< 1	68	22	< 4	6.5	560	450	4300	< 1	25	5431.5
1/6/2016	8197839	SW8260C	< 2.5	< 2.5	340	69	< 10	4.9 J	510	2500	2600	< 2.5	15	6038.9
12/8/2016	240-73270-12	8260C	< 200	< 200	190 J	60 J	< 200	< 200	540	1200	5100	< 200	< 200	7090
5/2/2017	240-79083-8	8260C	< 130	< 130	79 J	< 130	< 130	< 130	350	470	4500	< 130	< 130	5399
11/1/2017	240-87694-10	8260C	< 200	< 200	< 200	< 200	< 200	< 200	580	620	5800	< 200	< 200	7000

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B - The analyte is present in the associated method blank.
D - Result reported from a secondary dilution analysis.
E - Concentration exceeds the calibration range; Result is estimated.
J - Indicates an estimated value.
µg/L - micrograms per liter

Well ID: **P-2**

Date	Lab Sample ID	Method	Carbon tetrachloride (µg/L)	Chloroform (µg/L)	1,1-Dichloroethane (µg/L)	1,1-Dichloroethene (µg/L)	Methylene chloride (µg/L)	trans-1,2-Dichloroethene (µg/L)	cis-1,2-Dichloroethene (µg/L)	1,1,1-Trichloroethane (µg/L)	Trichloroethene (µg/L)	Tetrachloroethene (µg/L)	Vinyl chloride (µg/L)	Total
4/13/2018	240-94116-6	8260C	< 500	< 500	< 500	< 500	< 500	< 500	650	510	6800	< 500	< 500	7960
8/20/2018	240-100225-2	624.1_P	< 50	< 50	12 J	< 50	< 100	< 25	310	72	1800	< 50	< 100	2194
9/26/2018	240-102125-3	8260C	< 50	< 50	12 J	< 50	< 250	< 50	380	64	1600	< 50	< 50	2056
4/10/2019	240-110803-22	8260C	< 2.0	< 2.0	0.87 J	< 2.0	< 10	< 2.0	12	3.1	43	< 2.0	< 2.0	58.97
11/20/2019	240-122631-2	624.1_L	< 2.0	< 2.0	0.92 J	0.38 J	< 10	< 1.0	10	6.3	110	< 2.0	< 2.0	127.6
4/1/2020	240-128428-7	8260C	< 100	< 100	50 J	< 100	< 500	< 100	820	470	2700	< 100	< 100	4040
10/26/2020	240-139061-5	8260C	< 250	< 250	170 J	< 250	< 1300	< 250	2400	1200	11000	< 250	< 250	14770
4/21/2021	240-147939-15	8260C	< 100	< 100	80 J	24 J	< 500	< 100	470	630	1800	< 100	< 100	3004
10/28/2021	240-159076-16	8260C	< 50	< 50	86	< 50	< 250	< 50	490	1000	1200	< 50	< 50	2776
4/13/2022	240-165065-2	8260C	< 50	< 50	42 J	< 50	< 250	< 50	320	420	1500	< 50	< 50	2282
10/17/2022	240-175103-2	8260D	< 50	< 50	42 J	< 50	< 250	< 50	1900	240	6100 JD	< 50	< 50	8282
3/20/2023	240-182590-2	8260D	< 20	< 20	100	19 J	< 100	< 20	140	810	380	< 20	< 20	1449
10/18/2023	240-194049-3	8260D	< 20	< 20	110	35	< 100	12 J	1500	950	6300 D	< 20	43	8950

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3) The method change to 8260 was approved by the NYSDEC and changed in January 2005.

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E - Concentration exceeds the calibration range; Result is estimated.
J - Indicates an estimated value.
µg/L - micrograms per liter

MONITORING WELL GROUNDWATER ANALYTICAL RESULT SUMMARY
FORMER CARBORUNDUM COMPANY
SANBORN, NEW YORK

Well ID: **P-3**

Date	Lab Sample ID	Method	Carbon tetrachloride (µg/L)	Chloroform (µg/L)	1,1-Dichloroethane (µg/L)	1,1-Dichloroethene (µg/L)	Methylene chloride (µg/L)	trans-1,2-Dichloroethene (µg/L)	cis-1,2-Dichloroethene (µg/L)	1,1,1-Trichloroethane (µg/L)	Trichloroethene (µg/L)	Tetrachloroethene (µg/L)	Vinyl chloride (µg/L)	Total
11/1/1988		8260	< 1	< 1	< 1	< 1	1.4	< 5	21	< 1	< 1	< 5	< 1	22.4
12/1/1988		8260	< 0.4	< 0.4	< 0.4	< 0.8	2.5	< 0.3	< 0.3	< 0.4	0.6	< 5	< 2	3.1
1/1/1989		8260	< 0.1	< 5	< 0.07	< 0.1	< 0.1	< 0.1	< 1	0.5	< 0.1	< 0.03	< 0.2	0.5
4/1/1989		8260	< 1.2	< 0.5	< 0.7	< 1.3	< 2.5	< 1	< 1	< 0.3	< 1.2	< 0.3	< 1.8	0
7/1/1989		8260	< 1	< 0.5	< 0.7	< 1	< 1	< 1	40	< 0.3	< 1	< 0.3	6.5	46.5
10/1/1989		8260	< 1	< 0.5	< 0.7	< 1	< 5	< 1	2.1	< 0.3	< 1	< 0.3	< 1	2.1
1/1/1990		8260	< 1	< 0.5	< 0.7	< 1	< 5	< 1	< 1	< 0.3	< 1	< 0.3	< 1	0
4/1/1990		8260	< 1	< 0.5	< 0.7	< 1	< 5	< 1	1.5	< 0.3	< 1	< 0.3	< 1	1.5
7/1/1990		8260	< 1	< 0.5	< 0.7	< 1	< 1	< 1	1.1	< 0.3	< 1	< 0.3	< 1	1.1
10/1/1990		8260	< 1	< 0.5	< 0.7	< 1	< 5	< 1	2	< 0.3	< 1	< 0.3	< 1	2
1/1/1991		8260	< 1.2	< 0.5	< 0.7	< 1.3	< 2.5	< 1	< 1	< 0.3	< 1.2	< 0.3	< 1.8	0
5/1/1991		8260	< 1.2	< 0.5	< 0.7	< 1.3	< 2.5	< 1	< 1	< 0.3	< 1.2	< 0.3	< 1.8	0
7/1/1991		8260	< 1.2	< 0.5	< 0.7	< 1.3	< 2.5	< 1	< 1	< 0.3	< 1.2	< 0.3	< 1.8	0
10/1/1991		8260	< 1.2	< 0.5	< 0.7	< 1.3	< 2.5	< 1	< 1	< 0.3	< 1.2	< 0.3	< 1.8	0
1/1/1992		8260	< 1.2	< 0.5	< 0.7	< 1.3	< 2.5	< 1	< 1	< 0.3	< 1.2	< 0.3	< 1.8	0
4/1/1992		8260	< 1.2	< 0.5	< 0.7	< 1.3	< 2.5	< 1	< 1	< 0.3	< 1.2	< 0.3	< 1.8	0
7/1/1992		8260	< 1.2	< 0.5	< 0.7	< 1.3	< 2.5	< 1	< 1	< 0.4	< 1.2	< 0.3	< 1.8	0
10/1/1992		8260	< 1.2	< 0.5	< 0.7	< 1.3	< 2.5	< 1	< 1	< 0.3	< 1.2	< 0.3	< 1.8	0
2/26/1993		8260	< 1.2	< 0.5	< 0.7	< 1.3	< 2.5	< 1	16	0.63	1.3	< 0.3	12	29.93
3/5/1993		8260	< 1.2	< 0.5	< 0.7	< 1.3	< 2.5	< 1	15	0.58	1.6	< 0.3	9.5	26.68
3/11/1993		8260	< 1.2	1	< 0.7	< 1.3	< 2.5	< 1	10	0.59	1.3	< 0.3	7.7	20.59
3/16/1993		8260	< 1.2	< 0.5	< 0.7	< 1.3	< 2.5	< 1	6	< 0.5	< 1.2	< 0.3	3.5	9.5
3/29/1993		8260	< 1.2	< 0.5	< 0.7	< 1.3	< 2.5	< 1	2.2	< 0.5	< 1.2	< 0.3	< 1.8	2.2
4/15/1993		8260	< 1.2	< 0.5	< 0.7	< 1.3	< 2.5	< 1	4.3	0.66	< 1.2	< 0.3	2.4	7.36
5/5/1993		8260	< 1.2	< 0.5	< 0.7	< 1.3	< 2.5	< 1	8	< 0.5	1.2	< 0.3	3.6	12.8
6/3/1993		8260	< 1.2	< 0.5	< 0.7	< 1.3	< 2.5	< 1	55	1.1	65	< 0.3	19	140.1
6/28/1993		8260	< 1.2	< 0.5	< 0.7	< 1.3	< 2.5	< 1	50	< 0.5	6.3	< 0.3	13	69.3
8/4/1993		8260	< 1.2	< 0.5	< 0.7	< 1.3	< 2.5	< 1	13	< 0.5	1.7	< 0.3	5.5	20.2
10/6/1993		8260	< 1.2	< 0.5	< 0.7	< 1.3	3.8	< 1	15	< 0.5	< 1.2	< 0.3	3.8	22.6
12/31/1993		8260	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	15	0.5	18	< 0.5	16	49.5
1/1/1994		8260	< 5	< 5	< 5	< 5	0.61 *	< 5	13	< 5	15	< 5	6.4	35.01
1/2/1994		8260	< 0.5	< 0.5	< 0.5	< 0.5	0.5 *	< 0.5	9.7	< 0.5	12	< 0.5	3.8	26
1/3/1994		8260	< 0.5	< 0.5	< 0.5	< 0.5	0.5 *	< 0.5	8.6	< 0.5	9.5	< 0.5	11	29.6
1/4/1994		8260	< 0.5	< 0.5	< 0.5	< 0.5	0.67 *	< 0.5	11	< 0.5	17	< 0.5	12	40.67
1/6/1994		8260	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	10	< 0.5	19	< 0.5	14	43
1/7/1994		8260	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	5.8	< 0.5	8.6	< 0.5	4.5	18.9
1/11/1994		8260	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	4.4	< 0.5	13	< 0.5	1	18.4
1/13/1994		8260	< 0.5	< 0.5	< 0.5	< 0.5	0.75 *	< 0.5	7.2	< 0.5	13	< 1	3.7	24.65
1/20/1994		8260	< 1.2	< 0.5	< 0.7	< 1.3	< 2.5	< 1	8.1	< 0.5	7.6	< 0.3	3.5	19.2
1/27/1994		8260	< 1.2	< 0.5	< 0.7	< 1.3	4 *	< 1	16	< 0.5	5.3	< 0.3	8.6	33.9
6/10/1994		8260	< 1.2	< 0.5	< 0.7	< 1.3	< 2.5	< 1	5.4	1.4	5.5	< 0.3	2.5	14.8
7/6/1994		8260	< 1.2	< 0.5	< 0.7	< 1.3	< 2.5	< 1	6.7	< 0.5	5.1	< 0.3	3	14.8
8/16/1994		8260	< 1.2	< 0.5	< 0.7	< 1.3	< 2.5	< 1	7	0.79	3.1	< 0.3	< 1.8	10.89
10/7/1994		8260	< 1.2	< 0.5	< 0.7	< 1.3	< 2.5	< 1	3.2	< 0.5	1.8	< 0.3	1.2	6.2
1/25/1995		8260	< 1	< 1	< 1	< 1	< 1	< 1	1.1	< 1	< 1	< 1	< 2	1.1
4/4/1995		8260	< 1	< 1	< 1	< 1	< 1	< 1	1.3	< 1	1	< 1	< 2	2.3

< - Indicates parameter was analyzed for, but not detected at or above the reporting limit
To Address the NYSDEC concerns regarding the presentation and plotting of non-detected values, the data for 2001 to 2004 has been reevaluated and interpreted as follows:

1) Non-detected concentrations have been represented as '<' for reporting purposes.
2) Total VOCs have been recalculated and represented as the sum of the detected parameters shown on this table.
3) The method change to 8260 was approved by the NYSDEC and changed in January 2005.

B - The analyte is present in the associated method blank.
D - Result reported from a secondary dilution analysis.
E - Concentration exceeds the calibration range; Result is estimated.
J - Indicates an estimated value.
µg/L - micrograms per liter

Well ID: **P-3**

Date	Lab Sample ID	Method	Carbon tetrachloride (µg/L)	Chloroform (µg/L)	1,1-Dichloroethane (µg/L)	1,1-Dichloroethene (µg/L)	Methylene chloride (µg/L)	trans-1,2-Dichloroethene (µg/L)	cis-1,2-Dichloroethene (µg/L)	1,1,1-Trichloroethane (µg/L)	Trichloroethene (µg/L)	Tetrachloroethene (µg/L)	Vinyl chloride (µg/L)	Total
6/28/1995		8260	< 1	< 1	< 1	< 1	< 1	< 1	3.4	< 1	1.4	< 1	< 2	4.8
10/10/1995		8260	< 1.2	< 0.5	< 1	< 0.7	< 2.5	< 1	< 1	< 0.64	2.4	< 0.79	< 1.8	2.4
4/3/1996		8260	< 1.2	< 0.5	< 1	< 0.7	< 2.5	< 1	3	< 0.64	1.6	< 0.79	< 1.8	4.6
7/11/1996		8260	< 1.2	< 0.5	< 1	< 0.7	< 2.5	< 1	< 1	< 0.64	< 1.2	< 0.79	< 1.8	0
10/10/1996		8260	< 1.2	< 0.5	< 1	< 0.7	< 2.5	< 1	3	< 0.64	2.5	< 0.79	4	9.5
1/29/1997		8260	< 1.2	< 0.5	< 1	< 0.7	< 2.5	< 1	3	< 0.64	1.3	< 0.79	< 1.8	4.3
4/16/1997		8260	< 1.2	< 0.5	< 1	< 0.7	< 2.5	< 1	3	< 0.64	2.5	< 0.79	< 1.8	5.5
7/16/1997		8260	< 1.2	< 0.5	< 1	< 0.7	< 2.5	< 1	2	< 0.64	1.5	< 0.79	< 1.8	3.5
10/24/1997		8260	< 1.2	< 0.5	< 1	< 0.7	< 2.5	< 1	< 1	< 0.64	< 1.2	< 0.79	< 1.8	0
1/21/1998		8260	< 1.2	< 0.5	< 1	< 0.7	< 2.5	< 1	3	< 0.64	< 1.2	< 0.79	< 1.8	3
4/24/1998		8260	< 1.2	< 0.5	< 1	< 0.7	< 2.5	< 1	3	< 0.64	1.3	< 0.79	< 1.8	4.3
7/31/1998		8260	< 1.2	< 0.5	< 1	< 0.7	< 2.5	< 1	< 1	< 0.64	< 1.2	< 0.79	< 1.8	0
10/8/1998		8260	< 1.2	< 0.5	< 1	< 0.7	< 2.5	< 1	7	< 0.64	< 1.2	< 0.79	< 1.8	7
1/21/1999		8260	< 1.2	< 0.5	< 1	< 0.7	< 2.5	< 1	< 1	< 0.64	< 1.2	< 0.79	< 1.8	0
4/15/1999		8260	< 1.2	< 0.5	< 1	< 0.7	< 2.5	< 1	1	< 0.64	< 1.2	< 0.79	< 1.8	1
7/19/1999		8260	< 1.2	< 0.5	< 1	< 0.7	< 2.5	< 1	< 1	< 0.64	< 1.2	< 0.79	< 1.8	0
10/13/1999		8260	< 1.2	< 1	< 1	< 1	< 2.5	< 1	1.3	< 1	0.95 J	< 1	< 1.8	2.25
1/11/2000	A0018413	8021	< 1.2	< 1	< 1	< 1	< 2.5	< 1	3	< 1	0.62 J	< 1	< 1.8	3.62
4/19/2000	A0259406	8021	< 1.2	< 1	< 1	< 1	< 2.5	< 1	2.8	< 1	2	< 1	< 1.8	4.8
7/12/2000	A0483104	8021	< 1.2	< 1	< 1	< 1	< 2.5	< 1	1.8	< 1	1.5	< 1	< 1.8	3.3
10/18/2000	A0751315	8021	< 1.2	< 1	< 1	< 1	< 2.5	< 1	0.98 J	< 1	0.77 J	< 1	< 1.8	1.75
1/15/2001	A1041304	8021	< 1.2	< 1	< 1	< 1	< 2.5	< 1	2.4	< 1	0.42 J	< 1	< 1.8	2.82
4/20/2001	A1366407	624	< 1.2	< 1.5	< 1.8	< 1.4	< 2.5	< 1.8	1.6	< 1.1	1.5	< 1.1	< 1.8	3.1
7/11/2001	A1648715	8021	< 1.2	< 1	< 1	< 1	< 2.5	< 1	1.2	< 1	0.38 J	< 1	< 1.8	1.58
10/16/2001	A1A17404	8021	< 2	< 2	< 2	< 2	< 2.5	5.2	210	< 2	69	< 2	3.5	287.7
1/21/2002	A2066001	8021	< 2	< 2	< 2	< 2	< 2.5	6.5	140	< 2	< 2	< 2	< 2	146.5
4/11/2002	A2348304	8021	< 2	< 2	< 2	< 2	< 2.5	4.9	170	< 2	< 2	< 2	8.4	183.3
7/12/2002	A2713910	8021	< 1.2	< 1	< 1	< 1	< 2.5	5.8	120	< 1	4	< 1	3.5	133.3
10/8/2002	A2999305	8021	< 1.2	< 1	1.1	< 1	< 2.5	10	300	< 1	4	< 1	< 1.8	315.1
4/9/2003	A3329502	8021	< 1.4	< 1	< 1	< 1	16	< 1	52	< 1	< 1.2	< 1.6	1.8	69.8
7/8/2003	A3649104	8021	< 2.9	< 1	< 1	< 1.6	3.8	6	230	< 1.9	< 1.2	< 3.3	< 1.8	239.8
10/13/2003	A3991407	8021	< 2.9	< 1	< 1	< 1.6	< 2.5	8.2	230	< 1	< 1.2	< 1	< 1.8	238.2
1/9/2004	A4026203	8021	< 1.4	< 1	< 1	< 1	< 2.5	3.1	110	< 1	< 1.2	< 1	3.1	116.2
4/14/2004	A4331803	8021	< 1.4	< 1	< 1	< 1	< 2.5	2.4	100	< 1	4.3	< 1	< 1.8	106.7
7/6/2004	A4636509	8021	< 1.4	< 1	< 1	2.5	< 2.5	9.2	230 D	< 1	3.1	< 1	3	247.8
10/8/2004	A4994501	8021	< 5	< 5	< 5	< 5	< 25	< 5	200	< 5	< 5	< 5	< 5	200
1/12/2005	A5036201	8260	< 1.2	< 1.3	< 1.5	< 1	< 2.5	2.8	98	< 1	< 1.2	< 1	< 2.4	100.8
4/4/2005	A5307703	8260	< 1.2	< 1	< 1	< 1	< 2.5	3.2	90 D	< 1	0.43 J	< 1	1.9	95.53
7/8/2005	A5715301	8260/5M	< 1.2	< 1.1	< 1	< 1.2	1.2 J	5.7	140	< 1.1	< 1.2	< 1.3	< 1.8	146.9
10/5/2005	A5B10603	8260	< 1.2	< 1	0.55 J	< 1	< 2.5	6	120 D	< 1	0.69 J	< 1	0.98 J	128.22
1/24/2006	A6089110	8260	< 1.2	< 1	< 1	< 1	< 2.5	2.2	69	< 1	0.52 J	< 1	1.1 J	72.82
4/12/2006	6D13005-01	8260	< 1	< 1	< 1	< 1	< 2	2	63	< 1	< 1	< 1	< 2	65
7/11/2006	6G12005-04	8260	< 1	< 1	< 1	< 1	< 2	5	123	< 1	1	< 1	< 2	129
10/9/2006	6J10002-04	8260	< 1	< 1	< 1	< 1	< 2	4	88	< 1	1	< 1	< 2	93
1/9/2007	7A10006-01	8260	< 1	< 1	< 1	< 1	< 2	1	49	< 1	1	< 1	< 2	51
4/3/2007	7D04039-02	8260	< 1	< 1	< 1	< 1	25 B	1	42	< 1	< 1	< 1	< 2	68
7/5/2007	7G06018-06	8260	< 1	< 1	< 1	< 1	< 2	3	85	< 1	< 1	< 1	< 2	88
10/10/2007	7J11002-09	8260	< 1	< 1	< 1	< 1	< 2	3	61	< 1	< 1	< 1	< 2	64
1/7/2008	8A08003-07	8260	< 1	< 1	< 1	< 1	< 2	1	25	< 1	< 1	< 1	< 2	26

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To Address the NYSDEC concerns regarding the presentation and plotting of non-detected values, the data for 2001 to 2004 has been reevaluated and interpreted as follows:

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3) The method change to 8260 was approved by the NYSDEC and changed in January 2005.

B - The analyte is present in the associated method blank.
D - Result reported from a secondary dilution analysis.
E - Concentration exceeds the calibration range; Result is estimated.
J - Indicates an estimated value.
µg/L - micrograms per liter

Well ID: **P-3**

Date	Lab Sample ID	Method	Carbon tetrachloride (µg/L)	Chloroform (µg/L)	1,1-Dichloroethane (µg/L)	1,1-Dichloroethene (µg/L)	Methylene chloride (µg/L)	trans-1,2-Dichloroethene (µg/L)	cis-1,2-Dichloroethene (µg/L)	1,1,1-Trichloroethane (µg/L)	Trichloroethene (µg/L)	Tetrachloroethene (µg/L)	Vinyl chloride (µg/L)	Total
4/8/2008	8D09003-02	8260	< 1	< 1	< 1	< 1	3 B	2	67	< 1	< 1	< 1	< 2	72
7/16/2008	5417454	8260	< 1	< 0.8	< 1	< 0.8	< 2	3.6 J	92	< 0.8	< 1	< 0.8	< 1	95.6
10/14/2008	5498679	8260	< 1	< 0.8	< 1	< 0.8	< 2	1.5 J	55	< 0.8	< 1	< 0.8	< 1	56.5
1/21/2009	5582429	8260	< 1	< 0.8	< 1	< 0.8	< 2	1.3 J	33	< 0.8	< 1	< 0.8	1.2 J	35.5
4/15/2009	5647723	8260	< 1	< 0.8	< 1	< 0.8	< 2	1.6 J	46	< 0.8	< 1	< 0.8	1.7 J	49.3
7/8/2009	5719622	8260	< 1	< 0.8	< 1	< 0.8	< 2	5.4	120	< 0.8	< 1	< 0.8	< 1	125.4
10/5/2009	5797970	8260	< 1	< 0.8	< 1	< 0.8	< 2	4 J	90	< 0.8	< 1	< 0.8	< 1	94
1/25/2010	5892347	8260	< 1	< 0.8	< 1	< 0.8	< 2	2 J	60	< 0.8	< 1	< 0.8	2.3 J	64.3
4/6/2010	5946898	8260	< 1	< 0.8	< 1	< 0.8	< 2	2.5 J	90	< 0.8	< 1	< 0.8	2.3 J	94.8
7/21/2010	6039076	8260	< 1	< 0.8	< 1	< 0.8	< 2	5.4	100	< 0.8	< 1	< 0.8	1.3 J	106.7
10/12/2010	6109756	8260	< 1	< 0.8	< 1	< 0.8	< 2	2.7 J	110	< 0.8	< 1	< 0.8	< 1	112.7
1/26/2011	6192954	8260	< 1	< 0.8	< 1	< 0.8	< 2	1.1 J	27	< 0.8	< 1	< 0.8	1.4 J	29.5
4/12/2011	6256721	8260	< 1	< 0.8	< 1	< 0.8	< 2	3 J	100	< 0.8	1.1 J	< 0.8	2 J	106.1
7/12/2011	6342651	8260	< 1	< 0.8	< 1	< 0.8	< 2	4.8 J	110	< 0.8	1 J	< 0.8	< 1	115.8
10/13/2011	6437683	8260	< 1	< 0.8	< 1	< 0.8	< 2	3.4 J	97	< 0.8	< 1	< 0.8	< 1	100.4
1/17/2012	6524421	8260	< 10	< 8	< 10	< 8	< 20	< 8	29 J	< 8	21 J	< 8	< 10	50
4/4/2012	6607022	8260	< 1	< 0.8	< 1	< 0.8	< 2	1.3 J	38	< 0.8	< 1	< 0.8	< 1	39.3
7/16/2012	6722029	8260	< 1	< 0.8	< 1	< 0.8	< 2	3.9 J	83	< 0.8	1.2 J	< 0.8	< 1	88.1
10/4/2012	6814367	8260	< 1	< 0.8	< 1	< 0.8	< 2	2.7 J	77	< 0.8	< 1	< 0.8	< 1	79.7
1/24/2013	6934233	8260	< 1	< 0.8	< 1	< 0.8	< 2	1.1 J	32	< 0.8	< 1	< 0.8	< 1	33.1
4/3/2013	7010226	8260	< 1	< 0.8	< 1	< 0.8	< 2	1.2 J	30	< 0.8	< 1	< 0.8	1.6 J	32.8
7/8/2013	7120726	8260	< 1	< 0.8	< 1	< 0.8	< 2	3.7 J	100	< 0.8	2.2 J	< 0.8	1.6 J	107.5
11/12/2013	7275080	8260	< 1	< 0.8	< 1	< 0.8	< 2	< 0.8	46	< 0.8	< 1	< 0.8	2.6 J	48.6
1/16/2014	7340033	8260	< 1	< 0.8	< 1	< 0.8	< 2	1 J	27	< 0.8	< 1	< 0.8	< 1	28
4/15/2014	7432587	8260	< 0.5	< 0.5	< 0.5	< 0.5	< 2	2	71	< 0.5	1.6	< 0.5	0.94 J	75.54
7/8/2014	7526289	8260	< 0.5	< 0.5	< 0.5	< 0.5	< 2	6.4	66	< 0.5	1.2	< 0.5	11	84.6
10/6/2014	7626650	8260	< 0.5	< 0.5	< 0.5	< 0.5	< 2	4.8	50	< 0.5	0.98 J	< 0.5	7.6	63.38
1/8/2015	7734023	8260	< 0.5	< 0.5	< 0.5	< 0.5	< 2	3.4	39	< 0.5	0.77 J	< 0.5	7.4	50.57
4/14/2015	7847242	8260	< 0.5	< 0.5	< 0.5	< 0.5	< 2	3.4	45	< 0.5	< 0.5	< 0.5	7.9	56.3
7/8/2015	7960006	SW8260C	< 0.5	< 0.5	< 0.5	< 0.5	< 2	3.3	41	< 0.5	0.72 J	< 0.5	5.7	50.72
10/5/2015	8077923	SW8260C	< 0.5	< 0.5	< 0.5	< 0.5	< 2	4.7	43	< 0.5	0.78 J	< 0.5	4.2	52.68
1/6/2016	8197840	SW8260C	< 0.5	< 0.5	< 0.5	< 0.5	< 2	3.2	34	< 0.5	< 0.5	< 0.5	2.9	40.1
12/9/2016	240-73270-21	8260C	< 1.4	< 1.4	< 1.4	< 1.4	0.80 J	3.5	45	< 1.4	0.61 J	< 1.4	2.2	52.11
5/2/2017	240-79083-5	8260C	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	2.8	33	< 1.0	0.78 J	< 1.0	7.2	43.78
11/1/2017	240-87694-12	8260C	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	2.2	28	< 1.0	0.45 J	< 1.0	2	32.65
4/13/2018	240-94116-4	8260C	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	3	37	< 1.0	0.80 J	< 1.0	5.5	46.3
8/20/2018	240-100225-3	624.1_P	< 5	< 5.0	< 5.0	< 5.0	< 10	2.9	34	< 5.0	2.8 J	< 5.0	2.1 J	41.8
9/26/2018	240-102125-1	8260C	< 1.0	< 1.0	0.28 J	< 1.0	< 5.0	3.1	39	< 1.0	0.66 J	< 1.0	1	44.04
4/10/2019	240-110803-24	8260C	< 1.0	< 1.0	0.18 J	< 1.0	< 5.0	2.4	31	< 1.0	0.82 J	< 1.0	3.3	37.7
11/20/2019	240-122631-12	624.1_L	< 1.0	< 1.0	< 1.0	< 1.0	< 5.0	2.4	26	< 1.0	0.78 J	< 1.0	3	32.18
4/1/2020	240-128428-5	8260C	< 1.0	< 1.0	0.17 J	< 1.0	< 5.0	2.2	34	< 1.0	< 1.0	< 1.0	2.5	38.87
10/27/2020	240-139061-13	8260C	< 1.0	< 1.0	0.24 J	< 1.0	< 5.0	3	30	< 1.0	0.68 J	< 1.0	0.50 J	34.42
4/21/2021	240-147939-16	8260C	< 1.0	< 1.0	0.33 J	0.29 J	< 5.0	3.7	41	< 1.0	1.6	< 1.0	3.2	50.12
10/27/2021	240-159076-14	8260C	< 1.0	< 1.0	< 1.0	< 1.0	< 5.0	3	38	< 1.0	1.9	< 1.0	1.5	44.4
4/11/2022	240-165066-3	8260C	< 1.0	< 1.0	< 1.0	< 1.0	< 5.0	2	25	< 1.0	0.88 J	< 1.0	2.6	30.48
10/17/2022	240-175103-5	8260D	< 1.0	< 1.0	< 1.0	< 1.0	< 5.0	2.6	32	< 1.0	0.51 J	< 1.0	1.9	37.01
3/20/2023	240-182590-5	8260D	< 1.0	< 1.0	< 1.0	< 1.0	< 5.0	2.7	39	< 1.0	4	< 1.0	2.8	48.5
10/18/2023	240-194049-6	8260D	< 1.0	< 1.0	< 1.0	< 1.0	< 5.0	2.4	22	< 1.0	2.5	< 1.0	2.1	29

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1) Non-detected concentrations have been represented as '<' for reporting purposes.
2) Total VOCs have been recalculated and represented as the sum of the detected parameters shown on this table.
3) The method change to 8260 was approved by the NYSDEC and changed in January 2005.

B - The analyte is present in the associated method blank.
D - Result reported from a secondary dilution analysis.
E - Concentration exceeds the calibration range; Result is estimated.
J - Indicates an estimated value.
µg/L - micrograms per liter

MONITORING WELL GROUNDWATER ANALYTICAL RESULT SUMMARY
FORMER CARBORUNDUM COMPANY
SANBORN, NEW YORK

Well ID: **P-4**

Date	Lab Sample ID	Method	Carbon tetrachloride (µg/L)	Chloroform (µg/L)	1,1-Dichloroethane (µg/L)	1,1-Dichloroethene (µg/L)	Methylene chloride (µg/L)	trans-1,2-Dichloroethene (µg/L)	cis-1,2-Dichloroethene (µg/L)	1,1,1-Trichloroethane (µg/L)	Trichloroethene (µg/L)	Tetrachloroethene (µg/L)	Vinyl chloride (µg/L)	Total
1/1/1992		8260	< 12	< 5	< 7	< 13	< 25	< 10	150	< 3	< 12	< 3	71	221
4/1/1992		8260	< 1.2	< 0.5	< 0.7	< 1.3	< 2.5	< 1	12	< 0.3	< 1.2	< 0.3	2.8	14.8
7/1/1992		8260	< 1.2	< 0.5	< 0.7	< 1.3	< 2.5	< 1	11	< 0.9	< 1.2	< 0.3	2.4	13.4
10/1/1992		8260	< 1.2	< 0.5	< 0.7	< 1.3	< 2.5	< 1.5	5.2	< 0.3	< 1.2	< 0.3	< 1.8	5.2
2/26/1993		8260	< 1.2	< 0.5	1.1	1.3	< 2.5	1.9	79	1.2	33	< 0.3	47	164.5
3/5/1993		8260	< 1.2	< 0.5	1.8	1.3	< 2.5	1.9	120	1.5	44	< 0.3	45	215.5
3/11/1993		8260	< 1.2	0.98	2.4	1.6	< 2.5	1.7	140	2	71	< 0.3	49	268.68
3/16/1993		8260	< 1.2	0.81	1.9	1.5	< 2.5	1.7	130	1.5	55	< 0.3	44	236.41
3/29/1993		8260	< 1.2	< 0.5	< 0.7	< 1.3	< 2.5	< 1	15	< 0.5	13	< 0.3	< 1.8	28
4/15/1993		8260	< 1.2	< 0.5	< 0.7	2.3	< 2.5	2	390	1.7	20	< 0.3	37	453
5/5/1993		8260	< 1.2	< 0.5	0.91	< 1.3	< 2.5	1.1	130	0.5	25	< 0.3	30	187.51
6/3/1993		8260	< 1.2	< 0.5	< 0.7	< 1.3	< 2.5	< 1	15	< 0.5	6.6	< 0.3	9.9	31.5
6/28/1993		8260	< 1.2	< 0.5	2.5	1.7	< 2.5	2.6	270	2.7	210	< 0.3	56	545.5
12/31/1993		8260	< 0.5	< 0.5	1.5	< 0.5	< 0.5	2.6	150	< 0.5	250	< 0.5	60	464.1
1/1/1994		8260	< 5	< 5	< 5	< 5	< 5	< 5	120	< 5	220	< 5	70	410
1/2/1994		8260	< 5	< 5	< 5	< 5	< 5	< 5	85	< 5	190	< 5	31	306
1/3/1994		8260	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	95	< 0.5	200	< 0.5	45	340
1/4/1994		8260	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	2.6	120	0.74	250	< 0.5	38	411.34
1/6/1994		8260	< 0.5	< 0.5	0.76	< 0.5	< 0.5	< 0.5	96	< 0.5	210	< 0.5	19	325.76
1/7/1994		8260	< 0.5	< 0.5	0.65	< 0.5	0.59 *	1.3	60	0.77	140	< 0.5	18	221.31
1/11/1994		8260	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	0.67	53	0.83	190	< 0.5	19	263.5
1/13/1994		8260	< 0.5	< 0.5	0.88	0.69	0.5 *	1.5	58	1.3	150	< 0.5	20	232.87
1/20/1994		8260	< 1.2	< 0.5	1	< 1.3	< 2.5	1.3	47	1.1	100	< 0.3	18	168.4
1/27/1994		8260	< 1.2	< 0.5	< 0.7	< 1.3	2.5 *	1.2	340	1.3	400	< 0.3	59	804
6/10/1994		8260	< 1.2	< 0.5	11	3.5	< 2.5	2.3	45	26	220	< 0.3	5.1	312.9
7/6/1994		8260	< 1.2	< 0.5	12	3.6	< 2.5	2.3	78	28	200	< 0.3	15	338.9
10/7/1994		8260	< 1.2	< 0.5	2.1	2	< 2.5	2.8	37	3.5	68	< 0.3	7	122.4
1/25/1995		8260	< 1	< 1	< 1	< 1	< 1	< 1	18	< 1	49	< 1	< 2	67
4/4/1995		8260	< 1	< 1	1.2	< 1	< 1	< 1	33	2.3	74	< 1	3.7	114.2
6/28/1995		8260	< 1	< 1	1.2	< 1	< 1	< 1	20	2.8	31	< 1	2.2	57.2
10/10/1995		8260	< 1.2	< 0.5	2	< 0.7	< 2.5	1.2	35	2.2	56	< 0.79	< 1.8	96.4
1/11/1996		8260	< 1.2	< 0.5	< 1	< 0.7	< 2.5	< 1	21	1.3	55	< 0.79	< 1.8	77.3
4/3/1996		8260	< 1.2	< 0.5	< 1	< 0.7	< 2.5	1.6	46	1.6	180	< 0.79	< 1.8	229.2
7/11/1996		8260	< 1.2	< 0.5	< 1	< 0.7	< 2.5	1.1	31	0.9	97	< 0.79	3.5	133.5
10/4/1996		8260	< 1.2	< 0.5	< 1	< 0.7	< 2.5	< 1	34	0.93	56	< 0.79	4	94.93
1/29/1997		8260	< 1.2	< 0.5	< 1	< 0.7	< 2.5	2.2	73	< 0.64	160	< 0.79	8.5	243.7
4/16/1997		8260	< 1.2	< 0.5	< 1	< 0.7	< 2.5	1.2	24	0.97	140	< 0.79	< 1.8	166.17
7/16/1997		8260	< 1.2	< 0.5	< 1	< 0.7	< 2.5	1.9	41	< 0.64	72	< 0.79	4.4	119.3
10/24/1997		8260	< 1.2	< 0.5	< 1	< 0.7	< 2.5	1.2	51	0.8	65	< 0.79	2.2	120.2
1/21/1998		8260	< 1.2	< 0.5	1	< 0.7	< 2.5	< 1	44	1.6	59	< 0.79	4.1	109.7
4/24/1998		8260	< 1.2	< 0.5	< 1	< 0.7	< 2.5	< 1	32	1.9	92	< 0.79	< 1.8	125.9
7/31/1998		8260	< 1.2	< 0.5	< 1	< 0.7	< 2.5	< 1	34	< 0.64	45	< 0.79	< 1.8	79
10/8/1998		8260	< 1.2	< 0.5	< 1	< 0.7	< 2.5	< 1	41	0.68	5.4	< 0.79	< 1.8	47.08
1/21/1999		8260	< 1.2	< 0.5	< 1	< 0.7	< 2.5	< 1	9	< 0.64	21	< 0.79	< 1.8	30
4/15/1999		8260	< 1.2	< 0.5	< 1	< 0.7	< 2.5	< 1	25	0.65 J	27	< 0.79	< 1.8	52.65
7/19/1999		8260	< 1.2	< 0.5	< 1	< 0.7	< 2.5	1.1	29	1.2 J	28	< 0.79	3.1 J	62.4

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To Address the NYSDEC concerns regarding the presentation and plotting of non-detected values, the data for 2001 to 2004 has been reevaluated and interpreted as follows:
1) Non-detected concentrations have been represented as '<' for reporting purposes.
2) Total VOCs have been recalculated and represented as the sum of the detected parameters shown on this table.
3) The method change to 8260 was approved by the NYSDEC and changed in January 2005.

B - The analyte is present in the associated method blank.
D - Result reported from a secondary dilution analysis.
E - Concentration exceeds the calibration range; Result is estimated.
J - Indicates an estimated value.
µg/L - micrograms per liter

Well ID: **P-4**

Date	Lab Sample ID	Method	Carbon tetrachloride (µg/L)	Chloroform (µg/L)	1,1-Dichloroethane (µg/L)	1,1-Dichloroethene (µg/L)	Methylene chloride (µg/L)	trans-1,2-Dichloroethene (µg/L)	cis-1,2-Dichloroethene (µg/L)	1,1,1-Trichloroethane (µg/L)	Trichloroethene (µg/L)	Tetrachloroethene (µg/L)	Vinyl chloride (µg/L)	Total
10/13/1999		8260	< 1.2	< 1	< 1	< 1	< 2.5	0.86 J	33	< 1	42	< 1	2.5	78.36
1/11/2000	A0018414	8021	< 1.2	< 1	< 1	< 1	2 J	< 1	25	< 1	37	< 1	1.2 J	65.2
4/18/2000	A0259407	8021	< 1.2	< 1	< 1	< 1	< 2.5	4.6	23	< 1	49	< 1	< 1.8	76.6
7/12/2000	A0483105	8021	< 1.2	< 1	< 1	< 1	1.2 J	< 1	27	2	54	< 1	0.99 J	85.19
10/18/2000	A0751314	8021	< 1.2	< 1	< 1	< 1	0.67 J	0.5 J	18	< 1	29	< 1	0.7 J	48.87
1/12/2001	A1035111	8021	< 1.2	< 1	< 1	< 1	1.8 J	0.66 J	18	< 1	26	< 1	2.6	49.06
4/19/2001	A1361311	624	< 0.24	< 0.3	< 0.36	< 0.28	< 0.5	< 0.36	2.9	0.23	9.6	< 0.22	< 0.36	12.73
7/11/2001	A1648714	8021	< 1.2	< 1	< 1	< 1	< 2.5	0.23 J	18	< 1	4.9	< 1	< 1.8	23.13
10/16/2001	A1A17403	8021	< 1.2	< 1	< 1	< 1	1.3 J	2	220	< 1	42	< 1	< 1.8	265.3
1/21/2002	A2066002	8021	< 1.2	< 1	7.7	5.4	2.4 J	12	1600 D	3.8	490 D	< 1	17	2138.3
4/11/2002	A2348305	8021	< 10	< 10	< 10	< 10	< 10	< 10	1000	< 10	940	< 10	< 10	1940
7/12/2002	A2713911	8021	< 5	< 5	7.3	< 5	< 5	< 5	1200	< 5	360	< 5	< 5	1567.3
10/8/2002	A2999306	8021	< 8	15	< 8	< 8	< 8	< 8	480	< 8	140	< 8	< 8	635
4/9/2003	A3329503	8021	< 12	< 3.6	< 4	< 6.6	33	< 6.2	510	< 7.5	620	< 13	< 5.2	1163
7/8/2003	A3649106	8021	< 12	< 3.6	< 4	< 6.6	< 15	< 6.2	710	15	1000	< 13	< 5.2	1725
10/13/2003	A3991408	8021	< 12	< 2	23	< 6.6	9.2	17	1700	25	920	< 1	< 7.1	2694.2
1/9/2004	A4026204	8021	< 14	< 2.5	26	< 8.2	< 4.5	14	1300	22	1400	< 1.1	23	2785
4/14/2004	A4331804	8021	< 7.3	< 1.3	20	< 4.1	< 2.5	8	720	9.8	770	< 1	15	1542.8
7/6/2004	A4636507	8021	< 29	< 5.1	40	< 16	< 9	< 10	1300	31	1400	< 2.3	49	2820
10/8/2004	A4994503	8021	< 25	< 25	31	< 25	< 120	< 25	1100	< 25	1200	< 25	33	2364
1/12/2005	A5036202	8260	< 9.5	< 16	< 19	< 9.4	< 20	< 16	650	< 13	1200	< 13	43	1893
4/4/2005	A5307702	8260	< 4.8	< 8	13	< 4.7	< 9.9	< 8.1	560	< 6.3	870	< 6.4	26	1469
7/11/2005	A5724701	8260/5M	< 5.1	< 5.6	21	6.7	< 5.5	12	830	8.2	880	< 6.4	10	1767.9
10/5/2005	A5B10604	8260	< 1.3	< 1.7	33	9.3	< 2.5	16	1200 D	20	910 D	< 1.8	< 1.8	2188.3
1/23/2006	A6084706	8260	< 5.3	< 6.7	20	< 5.9	< 8.8	11	850	13	1500	< 7.3	32	2426
4/12/2006	6D13005-02	8260	< 1	< 1	15	< 1	< 2	8	583 D	10	998	< 1	11	1625
7/11/2006	6G12005-05	8260	< 1	< 1	20	6	4	12	700 D	9	869 D	< 1	< 2	1620
10/9/2006	6J10002-05	8260	< 1	< 1	30	8	< 2	16	1180 D	27	1100 D	< 1	< 2	2361
1/5/2007	7A05012-05	8260	< 1	< 1	23	6	2 B	11	734 D	20	2080 D	< 1	26	2902
4/3/2007	7D04039-03	8260	< 1	< 1	7	3	< 2	7	394 D	7	1190 D	< 1	6	1614
7/5/2007	7G06018-07	8260	< 10	< 10	< 10	< 10	< 20	< 10	499	< 10	579	< 10	< 20	1078
10/9/2007	7J10006-04	8260	< 5	< 5	9	< 5	< 10	8	570	< 5	636	< 5	< 10	1223
1/7/2008	8A08003-06	8260	< 5	< 5	15	< 5	22	10	689	8	601	< 5	< 10	1345
4/8/2008	8D09003-06	8260	< 5	< 5	12	< 5	< 10	7	431	13	1680 D	< 5	< 10	2143
7/16/2008	5417453	8260	< 1	< 0.8	9.6	3 J	< 2	7	470	6.3	610	< 0.8	< 1	1105.9
10/14/2008	5498682	8260	< 1	< 0.8	8	1.7 J	< 2	8	460	5.1	530	< 0.8	< 1	1012.8
1/14/2009	5577587	8260	< 1	< 0.8	24	7.9	< 2	11	720	38	1200	< 0.8	2 J	2002.9
4/14/2009	5646771	8260	< 2	< 1.6	12	3.5 J	< 4	6.1 J	370	23	1600	< 1.6	3.9 J	2018.5
7/9/2009	5720680	8260	< 1	< 0.8	6.6	2.3 J	< 2	6.8	390	5.6	490	< 0.8	< 1	901.3
10/5/2009	5797961	8260	< 2	< 1.6	10	3.1 J	< 4	6.7 J	560	9.2 J	780	< 1.6	< 2	1369
1/21/2010	5889956	8260	< 5	< 4	17 J	4.9 J	< 10	8.8 J	460	32	2100	< 4	< 5	2622.7
4/6/2010	5946899	8260	< 2	< 1.6	9.5 J	2.8 J	< 4	5.6 J	390	13	1600	< 1.6	6.4 J	2027.3
7/13/2010	6031624	8260	< 1	< 0.8	6.9	3.4 J	< 2	7.7	460	5.4	760	< 0.8	< 1	1243.4
10/12/2010	6109755	8260	< 1	< 0.8	6.5	1.6 J	< 2	7.1	360	6.2	530	< 0.8	< 1	911.4
1/26/2011	6192955	8260	< 2	< 1.6	36	6.8 J	< 4	11	790	14	1500	< 1.6	3.8 J	2361.6
4/12/2011	6256718	8260	< 2	< 1.6	65	12	< 4	14	1500	20	3700	1.7 J	27	5339.7
7/20/2011	6352288	8260	< 2	< 1.6	29	7.8 J	< 4	10	750	7.8 J	1400	< 1.6	< 2	2204.6
10/11/2011	6434704	8260	< 2	< 1.6	25	5.8 J	< 4	11	870	6.1 J	1200	< 1.6	< 2	2117.9
1/17/2012	6524420	8260	< 1	< 0.8	< 1	< 0.8	< 2	1.1 J	35	< 0.8	< 1	< 0.8	1.2 J	37.3

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To Address the NYSDEC concerns regarding the presentation and plotting of non-detected values, the data for 2001 to 2004 has been reevaluated and interpreted as follows:

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3) The method change to 8260 was approved by the NYSDEC and changed in January 2005.

B - The analyte is present in the associated method blank.
D - Result reported from a secondary dilution analysis.
E - Concentration exceeds the calibration range; Result is estimated.
J - Indicates an estimated value.
µg/L - micrograms per liter

Well ID: **P-4**

Date	Lab Sample ID	Method	Carbon tetrachloride (µg/L)	Chloroform (µg/L)	1,1-Dichloroethane (µg/L)	1,1-Dichloroethene (µg/L)	Methylene chloride (µg/L)	trans-1,2-Dichloroethene (µg/L)	cis-1,2-Dichloroethene (µg/L)	1,1,1-Trichloroethane (µg/L)	Trichloroethene (µg/L)	Tetrachloroethene (µg/L)	Vinyl chloride (µg/L)	Total
4/4/2012	6607020	8260	< 2	< 1.6	24	5.1 J	< 4	6.7 J	530	8.6 J	1400	< 1.6	7.6 J	1982
7/17/2012	6723838	8260	< 1	< 0.8	22	5.2	< 2	11	580	6.2	890	< 0.8	< 1	1514.4
10/2/2012	6810734	8260	< 1	< 0.8	19	3.6 J	< 2	9.2	580	4.9 J	850	< 0.8	< 1	1466.7
1/22/2013	6931414	8260	< 1	< 0.8	52	11	< 2	10	620	42	2100	2 J	19	2856
4/3/2013	7010225	8260	< 1	< 0.8	40	7.1	< 2	8.5	520	28	1900	1.9 J	11	2516.5
7/9/2013	7122573	8260	< 5	< 4	39	8.4 J	< 10	7.8 J	700	18 J	2500	< 4	16 J	3289.2
11/12/2013	7275081	8260	< 2	< 1.6	38	10	< 4	9.5 J	750	16	2700	3.4 J	31	3557.9
1/16/2014	7340027	8260	< 1	< 0.8	10	4.1 J	< 2	5.4	330	7.6	1500	1.7 J	4.9 J	1863.7
4/15/2014	7432586	8260	< 0.5	< 0.5	11	4.2	< 2	5.7	330	6.5	1200	1.5	6.5	1565.4
7/8/2014	7526290	8260	< 0.5	< 0.5	7.1	3.2	< 2	5.7	300	4.9	1100	1.9	2.8	1425.6
10/3/2014	7625312	8260	< 0.5	0.6 J	6.5	3.4	< 2	5.1	280	3.7	1000	1.1	2.7	1303.1
1/7/2015	7732751	8260	< 0.5	2.5	14	4.3	< 2	5.1	270	40	1300	0.9 J	0.9 J	1637.7
4/14/2015	7847241	8260	< 0.5	0.87 J	14	3.8	< 2	4.9	270	15	1300	1.3	0.87 J	1610.74
7/8/2015	7960007	SW8260C	< 1	< 1	15	4.2	< 4	4	290	60	1400	< 1	1.7 J	1774.9
10/5/2015	8077926	SW8260C	< 0.5	< 0.5	21	5.6	< 2	7.8	570	35	990	0.96 J	1.3	1631.66
1/6/2016	8197841	SW8260C	< 0.5	< 0.5	22	5.1	< 2	8.7	590	20	860	0.77 J	1.4	1507.97
12/8/2016	240-73270-11	8260C	< 14	< 14	16	< 14	< 14	< 14	52	< 14	140	< 14	10 J	218
5/2/2017	240-79083-6	8260C	< 25	< 25	10 J	< 25	< 25	< 25	250	< 25	1200	< 25	< 25	1460
11/1/2017	240-87694-13	8260C	< 40	< 40	< 40	< 40	< 40	< 40	410	< 40	1300	< 40	< 40	1710
4/17/2018	240-94331-22	8260C	< 20	< 20	17 J	< 20	< 20	< 20	280	< 20	1200	< 20	< 20	1497
8/20/2018	240-100225-4	624.1_P	< 40	< 40	15 J	< 40	< 80	7.3 J	420	13 J	750	< 40	< 80	1205.3
9/26/2018	240-102125-6	8260C	< 20	< 20	10 J	< 20	< 100	4.9 J	370	4.8 J	650	< 20	< 20	1039.7
4/10/2019	240-110803-25	8260C	< 20	< 20	28	5.5 J	< 100	4.6 J	370	53	1500	< 20	< 20	1961.1
11/21/2019	240-122893-5	624.1_L	< 40	< 40	22 J	8.4 J	< 200	8.0 J	500	34 J	2100	< 40	< 40	2672.4
3/30/2020	240-128375-18	8260C	< 40	< 40	27 J	< 40	< 200	< 40	420	15 J	1800	< 40	< 40	2262
10/26/2020	240-139061-1	8260C	< 40	< 40	15 J	< 40	< 200	< 40	360	< 40	990	< 40	< 40	1365
4/21/2021	240-147939-17	8260C	< 40	< 40	39 J	12 J	< 200	13 J	680	17 J	1800	< 40	< 40	2561
6/15/2021	480-186147-1	8260C	< 20	< 20	31	6.5 J	< 20	< 20	680	26	1600	< 20	< 20	2343.5
6/29/2021	240-152171-3	8260C	< 40	< 40	21 J	< 40	< 200	< 40	630	20 J	1300	< 40	< 40	1971
7/27/2021	240-153558-3	8260C	< 40	< 40	26 J	< 40	< 200	< 40	980	29 J	2000	< 40	< 40	3035
8/23/2021	240-155063-1	8260C	< 40	< 40	21 J	< 40	< 200	< 40	730	25 J	2000	< 40	< 40	2776
10/25/2021	240-158965-3	8260C	< 40	< 40	19 J	< 40	< 200	< 40	1300	19 J	1300	< 40	< 40	2638
4/14/2022	240-165119-6	8260C	< 40	< 40	24 J	< 40	< 200	< 40	520	< 40	1600	< 40	< 40	2144
10/17/2022	240-175103-16	8260D	< 2.0	< 2.0	1.3 J	< 2.0	< 10	< 2.0	65	< 2.0	100	< 2.0	< 2.0	166.3
3/20/2023	240-182590-18	8260D	< 50	< 50	26 J	< 50	< 250	< 50	650	< 50	2100	< 50	< 50	2776
10/18/2023	240-194049-7	8260D	< 50	< 50	26 J	< 50	< 250	< 50	910	< 50	2300	< 50	< 50	3236

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D - Result reported from a secondary dilution analysis.
E - Concentration exceeds the calibration range; Result is estimated.
J - Indicates an estimated value.
µg/L - micrograms per liter

MONITORING WELL GROUNDWATER ANALYTICAL RESULT SUMMARY
FORMER CARBORUNDUM COMPANY
SANBORN, NEW YORK

Well ID: **PW-1**

Date	Lab Sample ID	Method	Carbon tetrachloride (µg/L)	Chloroform (µg/L)	1,1-Dichloroethane (µg/L)	1,1-Dichloroethene (µg/L)	Methylene chloride (µg/L)	trans-1,2-Dichloroethene (µg/L)	cis-1,2-Dichloroethene (µg/L)	1,1,1-Trichloroethane (µg/L)	Trichloroethene (µg/L)	Tetrachloroethene (µg/L)	Vinyl chloride (µg/L)	Total
12/31/1993		8260	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	0.97	170	< 0.5	466	< 0.5	20	656.97
1/1/1994		8260	< 5	< 5	< 5	< 5	< 5	< 5	97	< 5	380	< 5	< 10	477
1/2/1994		8260	< 5	< 5	< 5	< 5	< 5	< 5	61	< 5	270	< 5	< 10	331
1/3/1994		8260	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	0.64	49	< 0.5	250	< 0.5	11	310.64
1/7/1994		8260	< 0.5	< 0.5	< 0.5	< 0.5	0.59 *	< 0.5	68	< 0.5	240	< 0.5	7.8	316.39
1/11/1994		8260	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	72	< 0.5	400	< 0.5	12	484
1/13/1994		8260	< 0.5	< 0.5	0.88	< 0.5	0.71 *	0.82	99	0.79	350	< 0.5	15	467.2
1/20/1994		8260	< 1.2	< 0.5	< 0.7	< 1.3	< 2.5	1	100	< 0.5	770	< 0.3	3.6	874.6
1/27/1994		8260	< 1.2	< 0.87	< 0.7	< 1.3	< 2.5	< 1	62	0.77	520	< 0.3	17	599.77
6/10/1994		8260	< 1.2	< 0.5	3.6	5	20	5.1	990	2.8	1600	< 0.3	87	2713.5
7/6/1994		8260	< 1.2	< 0.5	5.5	< 1.3	2.7	2.2	89	7.6	150	< 0.3	5.4	262.4
10/7/1994		8260	< 1.2	< 0.5	0.82	1.9	< 2.5	2.6	72	0.95	97	< 0.3	3.8	179.07
1/25/1995		8260	< 2	< 2	< 2	< 2	< 2	< 2	190	< 2	240	< 2	8.7	438.7
4/4/1995		8260	< 2	< 2	< 2	< 2	< 2	< 2	58	< 2	220	< 2	< 4	278
6/27/1995		8260	< 2	< 2	< 2	< 2	< 2	< 2	72	< 2	140	< 2	< 4	212
10/10/1995		8260	< 12	< 5	< 10	< 7	< 25	< 10	200	< 6.4	880	< 7.9	< 18	1080
1/11/1996		8260	< 12	< 5	< 10	< 7	< 25	< 10	100	< 6.4	330	< 7.9	< 18	430
4/2/1996		8260	< 12	< 5	< 10	< 7	< 25	< 10	160	< 6.4	890	< 7.9	< 18	1050
7/11/1996		8260	< 12	6.9	< 10	< 7	< 25	< 10	110	< 6.4	270	< 7.9	< 18	386.9
10/4/1996		8260	< 12	8.5	< 10	< 7	< 25	< 10	240	< 6.4	780	< 7.9	< 18	1028.5
1/29/1997		8260	< 12	< 5	< 10	< 7	< 25	< 10	55	< 6.4	160	< 7.9	< 18	215
4/16/1997		8260	< 12	5	< 10	< 7	< 25	< 10	190	< 6.4	680	< 7.9	< 18	875
7/16/1997		8260	< 12	< 5	< 10	< 7	< 25	< 10	140	< 6.4	1000	< 7.9	< 18	1140
10/24/1997		8260	< 12	< 5	< 10	< 7	< 25	< 10	170	< 6.4	1000	< 7.9	< 18	1170
1/19/1998		8260	< 12	6.5	< 10	< 7	< 25	< 10	250	< 6.4	1300	< 7.9	< 18	1556.5
4/24/1998		8260	< 12	< 5	< 10	< 7	< 25	< 10	120	< 6.4	570	< 7.9	< 18	690
7/24/1998		8260	< 12	< 5	< 10	< 7	< 25	< 10	170	< 6.4	420	< 7.9	< 18	590
10/8/1998		8260	< 12	< 5	< 10	< 7	< 25	< 10	110	< 6.4	430	< 7.9	< 18	540
1/21/1999		8260	< 12	5.9 J	< 10	< 7	< 25	< 10	150	< 6.4	290	< 7.9	< 18	445.9
4/15/1999		8260	< 12	8.1 J	< 10	< 7	< 25	< 10	140	< 6.4	320	< 7.9	< 18	468.1
7/19/1999		8260	< 12	< 5	< 10	< 7	< 25	< 10	180	< 6.4	310	< 7.9	< 18	490
10/13/1999		8260	< 1.2	< 1	1.2	0.32 J	< 2.5	2.8	180	< 1	270	< 1	0.86 J	455.18
1/12/2000	A0026404	8021	< 4	< 4	< 4	< 4	8.8	< 4	130	< 4	240	< 4	< 4	378.8
4/19/2000	A0259412	8021	< 4	< 4	< 4	< 4	4.5	< 4	110	< 4	500	< 4	< 4	614.5
7/12/2000	A0483103	8021	< 2	< 2	< 2	< 2	2.4 J	< 2	70	< 2	150	< 2	< 2	222.4
10/18/2000	A0751316	8021	< 2	< 2	< 2	< 2	2.8	< 2	120	< 2	240	< 2	2	364.8
1/12/2001	A1035112	8021	< 2	< 2	< 2	< 2	5.6	< 2	71	< 2	150	< 2	< 2	226.6
4/20/2001	A1366403	624	< 1.2	< 1.5	< 1.8	< 1.4	< 2.5	2.4	84	< 1.1	330 D	< 1.1	1.9	418.3
7/11/2001	A1648702	8021	< 1.2	< 1	< 1	< 1	2.9	1.3	83	< 1	140	< 1	4.7	231.9
9/7/2001	A1863501	8021	< 25	< 25	< 25	< 25	38	< 25	1500	< 25	2500	< 25	< 25	4038
10/16/2001	A1A17402	8021	< 800	< 800	< 800	< 800	< 800	< 800	2700	< 800	40000	< 800	< 800	42700
1/23/2002	A2076705	8021	< 800	< 800	< 800	< 800	1500	< 800	880	< 800	2000	< 800	< 800	4380
4/18/2002	A2378804	8021	< 16	< 16	< 16	< 16	23	< 16	240	< 16	1200	< 16	< 16	1463
7/16/2002	A2722914	8021	< 16	< 16	< 16	< 16	60	< 16	520	< 16	1800	< 16	< 16	2380
10/9/2002	A2A07508	8021	< 2000	< 2000	< 2000	< 2000	< 2000	< 2000	27000	< 2000	140000	< 2000	< 2000	167000
1/24/2003	A3075208	8021	< 23	< 7.3	< 7.9	< 13	< 30	< 12	920	< 15	2100	< 26	26	3046

< - Indicates parameter was analyzed for, but not detected at or above the reporting limit
To Address the NYSDEC concerns regarding the presentation and plotting of non-detected values, the data for 2001 to 2004 has been reevaluated and interpreted as follows:

1) Non-detected concentrations have been represented as '<' for reporting purposes.
2) Total VOCs have been recalculated and represented as the sum of the detected parameters shown on this table.
3) The method change to 8260 was approved by the NYSDEC and changed in January 2005.

B - The analyte is present in the associated method blank.
D - Result reported from a secondary dilution analysis.
E - Concentration exceeds the calibration range; Result is estimated.
J - Indicates an estimated value.
µg/L - micrograms per liter

Well ID: **PW-1**

Date	Lab Sample ID	Method	Carbon tetrachloride (µg/L)	Chloroform (µg/L)	1,1-Dichloroethane (µg/L)	1,1-Dichloroethene (µg/L)	Methylene chloride (µg/L)	trans-1,2-Dichloroethene (µg/L)	cis-1,2-Dichloroethene (µg/L)	1,1,1-Trichloroethane (µg/L)	Trichloroethene (µg/L)	Tetrachloroethene (µg/L)	Vinyl chloride (µg/L)	Total
4/9/2003	A3329403	8021	< 23	< 7.3	< 7.9	< 13	< 30	< 12	560	< 15	1900	< 26	< 10	2460
7/10/2003	A3654305	8021	< 58	< 18	< 20	< 33	< 74	< 31	1200	< 37	3800	< 66	< 26	5000
10/13/2003	A3991302	8021	< 58	< 10	< 8.4	< 33	< 18	< 20	1200	< 12	3600	< 4.6	< 35	4800
1/9/2004	A4026101	8021	< 23	< 4.1	< 3.4	< 13	< 7.2	18	380	< 4.8	1300	< 1.8	25	1723
4/14/2004	A4331403	8021	< 120	< 20	< 17	< 66	< 36	< 40	1400	< 24	4500	< 9.2	< 71	5900
7/6/2004	A4636805	8021	< 23	< 4.1	< 3.4	< 13	< 7.2	< 8	540	< 4.8	1600	< 1.8	43	2183
10/7/2004	A4994204	8021	< 10	< 10	< 10	< 10	< 50	< 10	170	< 10	130	< 10	< 10	300
1/12/2005	A5036101	8260	< 1.9	< 3.2	6.9	4.5	< 4	6.1	600 D	5.5	2400 D	< 2.5	< 5.9	3023
4/4/2005	A5307501	8260	< 1.2	< 1	1.2	0.61 J	< 2.5	1.9	350 D	0.71 J	1500 BD	2	6.8	1863.22
7/11/2005	A5724602	8260/5M	< 5.1	< 5.6	5.3	< 6	< 5.5	< 6.3	410	< 5.6	870 D	< 6.4	18	1303.3
10/5/2005	A5B10702	8260	< 5.3	< 6.7	< 5.5	< 5.9	< 8.8	< 6.6	390	11	1300	< 7.3	13	1714
1/26/2006	A6102404	8260	< 1.2	< 1	2.3	0.69 J	< 2.5	1.9	200 D	2.5	900 D	< 1	2.4	1109.79
4/13/2006	6D14002-07	8260	< 1	< 1	2	< 1	< 2	2	146	< 1	636 D	< 1	6	792
7/11/2006	6G12005-01	8260	< 1	< 1	2	< 1	4	2	143	2	449 D	< 1	< 2	602
10/9/2006	6J10002-02	8260	< 1	< 1	< 1	< 1	< 2	2	114	< 1	871 D	< 1	3	990
1/9/2007	7A10006-02	8260	< 1	< 1	3	< 1	< 2	2	185	3	638 D	< 1	7	838
4/3/2007	7D04039-04	8260	< 1	< 1	6	2	< 2	3	302 D	6	1040 D	< 1	20	1379
7/5/2007	7G06018-05	8260	< 2	< 2	< 2	< 2	< 4	< 2	68	< 2	235	< 2	6	309
10/9/2007	7J10006-07	8260	< 2	< 2	4	< 2	< 4	3	304	< 2	1090 D	< 2	13	1414
1/7/2008	8A08003-08	8260	< 10	< 10	< 10	< 10	31	< 10	84	< 10	463	< 10	< 20	578
4/8/2008	8D09003-03	8260	< 5	< 5	12	< 5	16 B	< 5	455	7	1690 D	< 5	31	2211
7/21/2008	5420903	8260	< 1	< 0.8	1.3 J	< 0.8	< 2	1.6 J	120	< 0.8	1500	< 0.8	7.5	1630.4
10/14/2008	5498687	8260	< 50	< 40	110 J	54 J	< 100	60 J	10000	< 40	41000	< 40	180 J	51404
1/13/2009	5576508	8260	< 1	< 0.8	18	5	< 2	5.6	570	17	2100	< 0.8	30	2745.6
4/15/2009	5647722	8260	< 2	< 1.6	11	2.8 J	< 4	3.6 J	400	11	1300	< 1.6	19	1747.4
7/7/2009	5718471	8260	< 1	< 0.8	1.6 J	< 0.8	< 2	1.6 J	110	1.1 J	430	< 0.8	5.6	549.9
10/7/2009	5800383	8260	< 1	< 0.8	2.3 J	0.85 J	< 2	1.9 J	160	2 J	470	< 0.8	9.3	646.35
1/20/2010	5888923	8260	< 2	< 1.6	11	1.8 J	< 4	2.6 J	340	11	1200	< 1.6	11	1577.4
4/7/2010	5948422	8260	< 1	< 0.8	11	3.4 J	< 2	3.6 J	370	7.2	1300	< 0.8	24	1719.2
7/14/2010	6032689	8260	< 1	< 0.8	3 J	1.2 J	< 2	2 J	180	2.1 J	470	< 0.8	6.7	665
10/12/2010	6109752	8260	< 1	< 0.8	2.6 J	0.98 J	< 2	2.8 J	290	< 0.8	420	< 0.8	4.7 J	721.08
1/25/2011	6191894	8260	< 2.5	< 2	8.2 J	3 J	< 5	4 J	400	5.7 J	1800	< 2	12 J	2232.9
4/12/2011	6256717	8260	< 1	< 0.8	3.2 J	1.4 J	< 2	2.4 J	260	2.8 J	1400	< 0.8	2.9 J	1672.7
7/13/2011	6343975	8260	< 1	< 0.8	10	4.3 J	< 2	4.7 J	460	5.6	1700	< 0.8	42	2226.6
10/12/2011	6435899	8260	< 1	< 0.8	1.8 J	< 0.8	< 2	2.1 J	120	< 0.8	530	< 0.8	6.7	660.6
1/16/2012	6523838	8260	< 1	< 0.8	8.6	2.4 J	< 2	3.2 J	300	4.9 J	1400	< 0.8	14	1733.1
4/4/2012	6607023	8260	< 1	< 0.8	8.9	3 J	< 2	3.1 J	340	4.3 J	1400	< 0.8	18	1777.3
7/18/2012	6726430	8260	< 1	< 0.8	< 1	< 0.8	< 2	0.92 J	58	< 0.8	210	< 0.8	2.5 J	271.42
10/2/2012	6810729	8260	< 1	< 0.8	1.3 J	0.99 J	< 2	2 J	230	1.1 J	860	< 0.8	1.6 J	1096.99
1/22/2013	6931418	8260	< 1	< 0.8	4.4 J	1.6 J	< 2	2.5 J	250	3.8 J	810	< 0.8	12	1084.3
4/4/2013	7011182	8260	< 1	< 0.8	2.1 J	1.1 J	< 2	1.7 J	220	1.5 J	610	< 0.8	9.4	845.8
7/8/2013	7120731	8260	< 1	< 0.8	2.6 J	1.5 J	< 2	2 J	260	1.1 J	660	< 0.8	14	941.2
11/12/2013	7275070	8260	< 1	< 0.8	1.4 J	0.86 J	< 2	1.4 J	180	< 0.8	560	< 0.8	8.5	752.16
1/16/2014	7340021	8260	< 10	< 8	32 J	10 J	< 20	10 J	1700	12 J	4700	< 8	66	6530
4/15/2014	7432588	8260	< 0.5	< 0.5	5.8	1.7	< 2	1.8	240	1.9	710	0.72 J	9.4	971.32
7/11/2014	7531033	8260	< 0.5	< 0.5	4	1.8	< 2	1.9	280	1.7	730	0.73 J	13	1033.13
10/6/2014	7626651	8260	< 0.5	0.63 J	1	0.55 J	< 2	0.83 J	83	< 0.5	250	< 0.5	3.9	339.91
1/7/2015	7732752	8260	< 0.5	3.9	6.5	1.6	< 2	1.9	260	6.1	680	0.8 J	10	970.8
4/15/2015	7849426	8260	< 1	< 1	55	15	< 4	12	1500	31	4500	5.6	110	6228.6

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2) Total VOCs have been recalculated and represented as the sum of the detected parameters shown on this table.
3) The method change to 8260 was approved by the NYSDEC and changed in January 2005.

B - The analyte is present in the associated method blank.
D - Result reported from a secondary dilution analysis.
E - Concentration exceeds the calibration range; Result is estimated.
J - Indicates an estimated value.
µg/L - micrograms per liter

Well ID: **PW-1**

Date	Lab Sample ID	Method	Carbon tetrachloride (µg/L)	Chloroform (µg/L)	1,1-Dichloroethane (µg/L)	1,1-Dichloroethene (µg/L)	Methylene chloride (µg/L)	trans-1,2-Dichloroethene (µg/L)	cis-1,2-Dichloroethene (µg/L)	1,1,1-Trichloroethane (µg/L)	Trichloroethene (µg/L)	Tetrachloroethene (µg/L)	Vinyl chloride (µg/L)	Total
7/7/2015	7958382	SW8260C	< 0.5	< 0.5	2.1	< 0.5	< 2	0.83 J	94	2.5	290	< 0.5	2.9	392.33
10/5/2015	8077930	SW8260C	< 0.5	< 0.5	1.9	0.59 J	< 2	1.4	150	3.6	380	< 0.5	3.5	540.99
1/5/2016	8197709	SW8260C	< 0.5	< 0.5	1.2	< 0.5	< 2	0.75 J	41	4.9	280	< 0.5	< 0.5	327.85
12/9/2016	240-73270-23	8260C	< 200	< 200	< 200	< 200	150 J	< 200	430	< 200	2200	< 200	< 200	2780
5/2/2017	240-79083-7	8260C	< 25	< 25	< 25	< 25	< 25	< 25	210	< 25	850	< 25	< 25	1060
11/1/2017	240-87694-14	8260C	< 50	< 50	< 50	< 50	< 50	< 50	340	< 50	1800	< 50	< 50	2140
4/17/2018	240-94331-23	8260C	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	33	< 2.0	69	< 2.0	< 2.0	102
8/20/2018	240-100225-5	624.1_P	< 50	< 50	< 50	< 50	< 100	< 25	240	< 50	1100	< 50	< 100	1340
9/26/2018	240-102125-2	8260C	< 25	< 25	< 25	< 25	< 130	< 25	170	< 25	740	< 25	< 25	910
4/3/2019	240-110627-5	8260C	< 63	< 63	11 J	< 63	< 310	< 63	430	17 J	1800	< 63	< 63	2258
11/20/2019	240-122631-1	624.1_L	< 100	< 100	< 100	< 100	< 500	< 50	840	25 J	4500	< 100	26 J	5391
3/30/2020	240-128375-17	8260C	< 50	< 50	< 50	< 50	< 250	< 50	620	< 50	3300	< 50	16 J	3936
10/26/2020	240-139061-3	8260C	< 20	< 20	< 20	< 20	< 100	< 20	120	6.4 J	740	< 20	< 20	866.4
4/21/2021	240-147939-18	8260C	< 400	< 400	< 400	< 400	< 2000	< 400	2200	< 400	15000	< 400	< 400	17200
10/28/2021	240-159076-17	8260C	< 1.0	< 1.0	< 1.0	< 1.0	< 5.0	< 1.0	87 D	< 1.0	130 D	< 1.0	0.91 J	217.91
4/11/2022	240-165066-4	8260C	< 50	< 50	< 50	< 50	< 250	< 50	360	< 50	1700	< 50	< 50	2060
10/17/2022	240-175103-7	8260D	< 50	< 50	< 50	< 50	< 250	< 50	180	< 50	1600	< 50	< 50	1780
3/20/2023	240-182590-7	8260D	< 100	< 100	< 100	< 100	< 500	< 100	610	< 100	4600	< 100	< 100	5210
10/18/2023	240-194049-5	8260D	< 100	< 100	< 100	< 100	< 500	< 100	2500	< 100	12000 D	< 100	< 100	14500

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3) The method change to 8260 was approved by the NYSDEC and changed in January 2005.

B - The analyte is present in the associated method blank.
D - Result reported from a secondary dilution analysis.
E - Concentration exceeds the calibration range; Result is estimated.
J - Indicates an estimated value.
µg/L - micrograms per liter

MONITORING WELL GROUNDWATER ANALYTICAL RESULT SUMMARY
FORMER CARBORUNDUM COMPANY
SANBORN, NEW YORK

Well ID: **PW-2**

Date	Lab Sample ID	Method	Carbon tetrachloride (µg/L)	Chloroform (µg/L)	1,1-Dichloroethane (µg/L)	1,1-Dichloroethene (µg/L)	Methylene chloride (µg/L)	trans-1,2-Dichloroethene (µg/L)	cis-1,2-Dichloroethene (µg/L)	1,1,1-Trichloroethane (µg/L)	Trichloroethene (µg/L)	Tetrachloroethene (µg/L)	Vinyl chloride (µg/L)	Total
12/31/1993		8260	< 0.5	< 0.5	< 0.5	< 0.5	0.73 *	< 0.5	14	< 0.5	290	< 0.5	1	305.73
1/1/1994		8260	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	210	< 5	< 10	210
1/2/1994		8260	< 5	< 5	< 5	< 5	< 5	< 5	6.2	< 5	210	< 5	< 10	216.2
1/3/1994		8260	< 0.5	< 0.5	< 0.5	< 0.5	4.2 *	< 0.5	15	< 0.5	250	< 0.5	3.7	272.9
1/4/1994		8260	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	22	< 0.5	200	< 0.5	4.4	226.4
1/7/1994		8260	< 0.5	< 0.5	< 0.5	< 0.5	0.73 *	< 0.5	29	< 0.5	700	< 0.5	0.84	730.57
1/11/1994		8260	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	48	0.67	320	< 0.5	2	370.67
1/13/1994		8260	< 0.5	< 0.5	1.1	< 0.5	0.76 *	< 0.5	35	0.94	190	< 0.5	7.6	235.4
1/20/1994		8260	< 1.2	< 0.5	0.72	< 1.3	< 2.5	< 1	22	0.58	50	< 0.3	4	77.3
1/27/1994		8260	< 1.2	< 0.5	< 0.7	< 1.3	< 2.5	< 1	20	< 0.5	210	< 0.3	2.1	232.1
4/8/1994		8260	< 1.2	< 0.5	< 0.7	< 1.3	< 2.5	< 1	7.1	< 0.5	104	< 0.3	< 1.8	111.1
6/10/1994		8260	< 1.2	< 0.5	< 0.7	< 1.3	22	1.2	13	< 0.5	280	< 0.3	2.3	318.5
7/6/1994		8260	< 1.2	< 0.5	< 0.7	< 1.3	< 2.5	1.2	38	0.67	260	< 0.3	2.4	302.27
8/16/1994		8260	< 12	5.2	< 7	< 13	< 25	< 10	120	5.2	760	< 3	< 18	890.4
10/7/1994		8260	< 1.2	< 0.5	< 0.7	< 1.3	< 2.5	0.86	39	< 0.5	26	< 0.3	2.2	68.06
1/25/1995		8260	< 1	< 1	< 1	< 1	< 1	< 1	4.7	< 1	38	< 1	< 2	42.7
4/4/1995		8260	< 1	< 1	< 1	< 1	< 1	< 1	48	< 1	160	< 1	< 2	208
6/27/1995		8260	< 5	< 5	< 5	< 5	< 5	< 5	44	< 5	520	< 5	< 10	564
10/10/1995		8260	< 12	< 5	< 10	< 7	< 25	< 10	110	< 6.4	900	< 7.9	< 18	1010
1/11/1996		8260	< 12	< 5	< 10	< 7	< 25	< 10	51	< 6.4	820	< 7.9	< 18	871
4/3/1996		8260	< 12	< 5	< 10	< 7	< 25	< 10	< 10	< 6.4	120	< 7.9	< 18	120
7/11/1996		8260	< 1.2	< 0.5	< 1	< 0.7	< 2.5	< 1	28	< 0.64	83	< 0.79	< 1.8	111
10/4/1996		8260	< 12	7.6	< 10	< 7	< 25	< 10	100	< 6.4	280	< 7.9	< 18	387.6
1/29/1997		8260	< 12	< 5	< 10	< 7	< 25	< 10	11	< 6.4	450	< 7.9	< 18	461
4/16/1997		8260	< 120	< 50	< 100	< 70	< 250	< 100	180	< 64	8900	< 79	< 180	9080
7/16/1997		8260	< 12	< 5	< 10	< 7	< 25	< 10	27	< 6.4	350	< 7.9	< 18	377
10/24/1997		8260	< 12	< 5	< 10	< 7	< 25	< 10	120	< 6.4	1000	< 7.9	< 18	1120
1/19/1998		8260	< 1.2	< 0.5	< 1	< 0.7	< 2.5	< 1	3	< 0.64	81	< 0.79	< 1.8	84
4/24/1998		8260	< 1.2	< 0.5	< 1	< 0.7	< 2.5	< 1	11	< 0.64	110	< 0.79	< 1.8	121
7/24/1998		8260	< 1.2	< 0.5	< 1	< 0.7	< 2.5	< 1	28	< 0.64	26	< 0.79	< 1.8	54
10/8/1998		8260	< 1.2	< 0.5	< 1	< 0.7	< 2.5	< 1	44	< 0.64	54	< 0.79	2.1	100.1
1/21/1999		8260	< 1.2	< 0.5	< 1	< 0.7	< 2.5	< 1	19	< 0.64	23	< 0.79	< 1.8	42
4/15/1999		8260	< 1.2	< 0.5	< 1	< 0.7	< 2.5	< 1	17	< 0.64	39	< 0.79	< 1.8	56
7/19/1999		8260	< 12	< 5	< 10	< 7	< 25	< 10	19	< 6.4	140	< 7.9	< 18	159
10/11/1999		8260	< 2	< 2	< 2	< 2	3.3	< 1	75	< 2	310	< 2	< 2	388.3
1/11/2000	A0018415	8021	< 4	< 4	< 4	< 4	14	< 4	230	< 4	1500 D	< 4	< 4	1744
4/19/2000	A0259417	8021	< 1.2	< 1	< 1	< 1	< 2.5	< 1	11	< 1	49	< 1	< 1.8	60
7/12/2000	A0483107	8021	< 2	< 2	< 2	< 2	2.4 J	< 2	25	< 2	140	< 2	< 2	167.4
10/18/2000	A0751317	8021	< 2	< 2	< 2	< 2	2.9	< 2	28	< 2	130	< 2	< 2	160.9
1/15/2001	A1041301	8021	< 1.2	< 1	< 1	< 1	1.6 J	< 1	24	< 1	44	< 1	< 1.8	69.6
4/19/2001	A1361314	624	< 0.24	< 0.3	< 0.36	< 0.28	< 0.5	< 0.36	1.4	< 0.22	17	< 0.22	< 0.36	18.4
7/13/2001	A1663811	8021	< 1.2	1.5	< 1	< 1	5.3	< 1	24	< 1	88	< 1	< 1.8	118.8
10/15/2001	A1A17405	8021	< 80	< 80	< 80	< 80	< 80	< 80	370	< 80	3700	< 80	< 80	4070
1/23/2002	A2076704	8021	< 1.2	< 1	< 1	< 1	2 J	< 1	7.8	< 1	55	< 1	< 1.8	64.8
4/18/2002	A2378805	8021	< 1.2	< 1	< 1	< 1	< 2.5	< 1	2.4	< 1	17	< 1	< 1.8	19.4
7/16/2002	A2722913	8021	< 1.2	< 1	< 1	< 1	2.6	< 1	16	< 1	110	< 1	< 1.8	128.6

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To Address the NYSDEC concerns regarding the presentation and plotting of non-detected values, the data for 2001 to 2004 has been reevaluated and interpreted as follows:

1) Non-detected concentrations have been represented as '<' for reporting purposes.
2) Total VOCs have been recalculated and represented as the sum of the detected parameters shown on this table.
3) The method change to 8260 was approved by the NYSDEC and changed in January 2005.

B - The analyte is present in the associated method blank.
D - Result reported from a secondary dilution analysis.
E - Concentration exceeds the calibration range; Result is estimated.
J - Indicates an estimated value.
µg/L - micrograms per liter

Well ID: **PW-2**

Date	Lab Sample ID	Method	Carbon tetrachloride (µg/L)	Chloroform (µg/L)	1,1-Dichloroethane (µg/L)	1,1-Dichloroethene (µg/L)	Methylene chloride (µg/L)	trans-1,2-Dichloroethene (µg/L)	cis-1,2-Dichloroethene (µg/L)	1,1,1-Trichloroethane (µg/L)	Trichloroethene (µg/L)	Tetrachloroethene (µg/L)	Vinyl chloride (µg/L)	Total
10/9/2002	A2A07509	8021	< 5	< 5	< 5	< 5	< 5	< 5	88	< 5	640	< 5	< 5	728
1/23/2003	A3075205	8021	< 5.8	< 1.8	< 2	< 3.3	< 7.4	< 3.1	31	< 3.7	270	< 6.6	< 2.6	301
4/9/2003	A3329401	8021	< 1.4	< 1	< 1	< 1	< 2.5	< 1	5	< 1	85	< 1.6	< 1.8	90

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2) Total VOCs have been recalculated and represented as the sum of the detected parameters shown on this table.
3) The method change to 8260 was approved by the NYSDEC and changed in January 2005.

B - The analyte is present in the associated method blank.
D - Result reported from a secondary dilution analysis.
E - Concentration exceeds the calibration range; Result is estimated.
J - Indicates an estimated value.
µg/L - micrograms per liter

MONITORING WELL GROUNDWATER ANALYTICAL RESULT SUMMARY
FORMER CARBORUNDUM COMPANY
SANBORN, NEW YORK

Well ID: **PW-3**

Date	Lab Sample ID	Method	Carbon tetrachloride (µg/L)	Chloroform (µg/L)	1,1-Dichloroethane (µg/L)	1,1-Dichloroethene (µg/L)	Methylene chloride (µg/L)	trans-1,2-Dichloroethene (µg/L)	cis-1,2-Dichloroethene (µg/L)	1,1,1-Trichloroethane (µg/L)	Trichloroethene (µg/L)	Tetrachloroethene (µg/L)	Vinyl chloride (µg/L)	Total
10/13/2003	A3991406	8021	< 1.2	< 1	< 1	5	< 2.5	4.8	840 D	< 1	1500 D	2.8	40 D	2392.6
1/7/2004	A4012401	8021	< 29	< 5.1	< 4.2	< 16	< 9	< 10	490	< 5.9	1800	< 2.3	< 18	2290
4/14/2004	A4331401	8021	< 58	< 10	< 8.4	< 33	< 18	< 20	460	< 12	2400	< 4.6	< 35	2860
7/7/2004	A4636804	8021	< 23	< 4.1	< 3.4	< 13	< 7.2	< 8	440	< 4.8	1300	20	36	1796
10/13/2004	A4A09404	8021	< 1	< 1	< 1	3.1	< 1	2.5	490 D	< 1	1200 D	4.1	3.1	1702.8
1/12/2005	A5036105	8260	< 9.5	< 16	< 19	< 9.4	< 20	< 16	700	< 13	2200 D	< 13	< 29	2900
4/4/2005	A5307502	8260	< 1.2	< 1	< 1	2	< 2.5	3.8	500 D	< 1	3700 BD	35	4.9	4245.7
7/11/2005	A5724603	8260/5M	< 26	< 28	< 26	< 30	< 28	< 31	1400	< 28	3200	< 32	36	4636
10/5/2005	A5B10703	8260	< 5.3	< 6.7	< 5.5	< 5.9	< 8.8	< 6.6	800	< 5.3	1500	< 7.3	< 4.8	2300
1/24/2006	A6089105	8260	< 5.3	< 6.7	< 5.5	< 5.9	< 8.8	< 6.6	450	< 5.3	3700 D	18	< 4.8	4168
4/13/2006	6D14002-06	8260	< 1	< 1	< 1	< 1	< 2	1	298 D	< 1	946 D	10	4	1259
7/11/2006	6G12005-02	8260	< 1	< 1	< 1	5	3	5	1150 D	< 1	3150 D	8	5	4326
10/9/2006	6J10002-06	8260	< 1	< 1	< 1	4	< 2	6	1550 D	< 1	4620 D	3	4	6187
1/9/2007	7A10006-05	8260	< 5	< 5	< 5	< 5	39	< 5	437	< 5	1940 D	21	< 10	2437
4/3/2007	7D04039-05	8260	< 1	< 1	< 1	2	< 2	3	540 D	< 1	2250 D	18	9	2822
7/5/2007	7G06018-02	8260	< 20	< 20	< 20	< 20	< 40	< 20	1320	< 20	3120	< 20	61	4501
10/9/2007	7J10006-06	8260	< 20	< 20	< 20	< 20	< 40	< 20	1400	< 20	4220 D	< 20	< 40	5620
1/7/2008	8A08003-04	8260	< 5	< 5	< 5	< 5	< 10	< 5	849	< 5	362	< 5	24	1235
4/8/2008	8D09003-05	8260	< 10	< 10	< 10	< 10	35 B	12	2910 D	< 10	2120 D	< 10	154	5231
7/16/2008	5417446	8260	< 1	< 0.8	< 1	8	< 2	5.2	770	< 0.8	630	< 0.8	130	1543.2
10/14/2008	5498677	8260	< 2	< 1.6	< 2	10 J	< 4	6.4 J	1000	< 1.6	1400	< 1.6	31	2447.4
1/15/2009	5578620	8260	< 2	< 1.6	< 2	3.2 J	< 4	2.7 J	630	< 1.6	2000	< 1.6	48	2683.9
4/13/2009	5647718	8260	< 5	< 4	< 5	4.5 J	< 10	< 4	730	< 4	2200	< 4	50	2984.5
7/7/2009	5718469	8260	< 10	< 8	< 10	19 J	< 20	15 J	2600	< 8	5000	< 8	17 J	7651
10/6/2009	5799011	8260	< 5	< 4	< 5	11 J	< 10	8.6 J	1700	< 4	5500	< 4	8 J	7227.6
1/25/2010	5892346	8260	< 10	< 8	< 10	< 8	< 20	< 8	1400	< 8	6300	< 8	49 J	7749
4/6/2010	5946901	8260	< 5	< 4	< 5	4.3 J	< 10	5.1 J	940	< 4	4300	< 4	40	5289.4
7/21/2010	6039079	8260	< 5	< 4	< 5	28	< 10	20 J	2500	< 4	4000	< 4	13 J	6561
10/12/2010	6109759	8260	< 5	< 4	< 5	8.5 J	< 10	6.8 J	1400	< 4	3100	< 4	7 J	4522.3
1/24/2011	6190813	8260	< 5	< 4	< 5	4.5 J	< 10	4.2 J	970	< 4	3400	< 4	22 J	4400.7
4/12/2011	6256722	8260	< 2	< 1.6	< 2	3 J	< 4	4.3 J	560	< 1.6	2600	1.8 J	< 2	3169.1
7/18/2011	6348763	8260	< 5	< 4	< 5	8.7 J	< 10	6.9 J	1300	< 4	3100	< 4	26	4441.6
10/12/2011	6435906	8260	< 5	< 4	< 5	7.2 J	< 10	6.9 J	1100	< 4	2900	< 4	< 5	4014.1
1/19/2012	6527712	8260	< 2	< 1.6	< 2	2.3 J	< 4	2.7 J	500	< 1.6	2000	< 1.6	2.3 J	2507.3
4/4/2012	6607030	8260	< 2	< 1.6	< 2	3 J	< 4	3.4 J	570	< 1.6	2700	< 1.6	3.9 J	3280.3
7/10/2012	6716080	8260	< 1	< 0.8	< 1	9.5	< 2	8.2	1400	< 0.8	2900	2.4 J	4.1 J	4324.2
10/4/2012	6814362	8260	< 1	< 0.8	< 1	3.2 J	< 2	2.7 J	510	< 0.8	760	3.2 J	7.5	1286.6
1/24/2013	6934231	8260	< 1	< 0.8	< 1	< 0.8	< 2	1.1 J	160	< 0.8	740	4.1 J	1.4 J	906.6
4/2/2013	7007578	8260	< 1	< 0.8	< 1	0.81 J	< 2	1.1 J	170	< 0.8	510	8.2	1.7 J	691.81
7/2/2013	7117031	8260	< 1	< 0.8	< 1	< 0.8	< 2	< 0.8	120	< 0.8	410	5.1	2.7 J	537.8
11/11/2013	7273098	8260	< 1	2.4 J	< 1	1 J	< 2	1.3 J	200	< 0.8	740	4.3 J	1.9 J	950.9
1/17/2014	7341386	8260	< 1	5.8	< 1	< 0.8	< 2	1.4 J	170	< 0.8	800	2.9 J	< 1	980.1
4/14/2014	7430458	8260	< 0.5	8.5	< 0.5	< 0.5	< 2	0.65 J	64	< 0.5	430	4.2	< 0.5	507.35
7/9/2014	7527875	8260	< 0.5	15	< 0.5	< 0.5	< 2	< 0.5	37	< 0.5	260	7	< 0.5	319
10/6/2014	7626649	8260	< 0.5	4.4	< 0.5	< 0.5	< 2	< 0.5	46	< 0.5	160	3.4	< 0.5	213.8
1/6/2015	7731159	8260	< 0.5	7	< 0.5	< 0.5	< 2	< 0.5	43	< 0.5	260	2.4	< 0.5	312.4

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B - The analyte is present in the associated method blank.
D - Result reported from a secondary dilution analysis.
E - Concentration exceeds the calibration range; Result is estimated.
J - Indicates an estimated value.
µg/L - micrograms per liter

Well ID: **PW-3**

Date	Lab Sample ID	Method	Carbon tetrachloride (µg/L)	Chloroform (µg/L)	1,1-Dichloroethane (µg/L)	1,1-Dichloroethene (µg/L)	Methylene chloride (µg/L)	trans-1,2-Dichloroethene (µg/L)	cis-1,2-Dichloroethene (µg/L)	1,1,1-Trichloroethane (µg/L)	Trichloroethene (µg/L)	Tetrachloroethene (µg/L)	Vinyl chloride (µg/L)	Total
4/15/2015	7849425	8260	< 0.5	2.4	< 0.5	< 0.5	< 2	0.75 J	81	< 0.5	560	16	< 0.5	660.15
7/13/2015	7965569	SW8260C	< 1	< 1	< 1	2.2	< 4	2.6	630	< 1	1200	4.8	25	1864.6
10/7/2015	8080778	SW8260C	< 0.5	< 0.5	< 0.5	3.2	< 2	4.2	1100	< 0.5	1300	3.1	1.5	2412
1/5/2016	8197707	SW8260C	< 1	< 1	< 1	1.9 J	< 4	2.8	680	< 1	1300	1.4 J	1.5 J	1987.6
12/8/2016	240-73270-10	8260C	< 33	< 33	< 33	< 33	< 33	< 33	350	< 33	920	< 33	< 33	1270
5/1/2017	240-78974-5	8260C	< 10	< 10	< 10	< 10	< 10	< 10	37	< 10	380	8.7 J	< 10	425.7
11/1/2017	240-87694-11	8260C	< 25	< 25	< 25	< 25	< 25	< 25	270	< 25	830	8.2 J	< 25	1108.2
4/13/2018	240-94116-7	8260C	< 100	< 100	< 100	< 100	< 100	< 100	250	< 100	1900	< 100	< 100	2150
7/16/2018	240-98766-2	8260C	< 25	< 25	< 25	< 25	< 130	< 25	620	< 25	950	8.7 J	13 J	1591.7
8/22/2018	240-100303-4	8260C	< 20	7.8 J	< 20	< 20	< 100	< 20	< 20	< 20	< 20	< 20	< 20	7.8
9/28/2018	240-102125-19	8260C	< 40	< 40	< 40	< 40	< 200	19 J	1400	< 40	1300	9.6 J	80	2808.6
10/30/2018	240-103813-5	8260C	< 25	< 25	< 25	< 25	< 130	11 J	1200	< 25	1400	5.5 J	27	2643.5
1/29/2019	240-107569-5	8260C	< 100	< 100	< 100	< 100	< 500	< 100	1400	< 100	410	< 100	96 J	1906
4/10/2019	240-110803-21	8260C	< 10	< 10	< 10	< 10	< 50	4.8 J	430	< 10	95	< 10	130	659.8
11/20/2019	240-122631-4	624.1_L	< 20	< 20	< 20	< 20	< 100	< 10	140	< 20	390	3.5 J	12 J	545.5
3/31/2020	240-128375-1	8260C	< 10	< 10	< 10	12	< 50	11	2800 D	< 10	1300 D	12	420	4555
10/27/2020	240-139061-11	8260C	< 25	< 25	< 25	< 25	< 130	< 25	560	< 25	1100	< 25	< 25	1660
4/21/2021	240-147939-19	8260C	< 200	< 200	< 200	67 J	< 1000	61 J	8900	< 200	8200	< 200	1700	18928
6/15/2021	480-186147-2	8260C	< 40	< 40	< 40	< 40	< 40	< 40	1400	< 40	1500	< 40	88	2988
6/29/2021	240-152161-3	8260C	< 20	< 20	< 20	< 20	< 100	< 20	570	< 20	750	< 20	15 J	1335
7/26/2021	240-153555-1	8260C	< 20	< 20	< 20	< 20	< 100	< 20	980	< 20	1300	< 20	98	2378
8/23/2021	240-155061-1	8260C	< 20	< 20	< 20	13 J	< 100	19 J	2900 D	< 20	2600 D	< 20	220	5752
10/25/2021	240-158968-3	8260C	< 100	< 100	< 100	< 100	< 500	< 100	2900	< 100	690	< 100	210	3800
4/14/2022	240-165119-3	8260C	< 200	< 200	< 200	< 200	< 1000	< 200	4400	< 200	5500	< 200	630	10530
10/17/2022	240-175103-6	8260D	< 20	< 20	< 20	< 20	< 100	< 20	1100	< 20	40	< 20	68	1208
3/20/2023	240-182590-6	8260D	< 400	< 400	< 400	< 400	< 2000	< 400	5700	< 400	11000	< 400	730	17430
10/18/2023	240-194049-2	8260D	< 40	< 40	< 40	< 40	< 200	< 40	2000	< 40	1400	< 40	130	3530

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E - Concentration exceeds the calibration range; Result is estimated.
J - Indicates an estimated value.
µg/L - micrograms per liter

MONITORING WELL GROUNDWATER ANALYTICAL RESULT SUMMARY
FORMER CARBORUNDUM COMPANY
SANBORN, NEW YORK

Well ID: **PW-4**

Date	Lab Sample ID	Method	Carbon tetrachloride (µg/L)	Chloroform (µg/L)	1,1-Dichloroethane (µg/L)	1,1-Dichloroethene (µg/L)	Methylene chloride (µg/L)	trans-1,2-Dichloroethene (µg/L)	cis-1,2-Dichloroethene (µg/L)	1,1,1-Trichloroethane (µg/L)	Trichloroethene (µg/L)	Tetrachloroethene (µg/L)	Vinyl chloride (µg/L)	Total
1/21/2009	5582430	8260	< 1	< 0.8	< 1	< 0.8	< 2	< 0.8	8.4	< 0.8	55	< 0.8	< 1	63.4
4/16/2009	5649166	8260	< 1	< 0.8	< 1	< 0.8	< 2	< 0.8	2.7 J	< 0.8	21	< 0.8	< 1	23.7
7/13/2009	5722294	8260	< 1	< 0.8	< 1	< 0.8	< 2	< 0.8	62	< 0.8	350	< 0.8	1.4 J	413.4
10/6/2009	5799007	8260	< 1	< 0.8	1.2 J	< 0.8	< 2	< 0.8	62	6.3	480	< 0.8	1.5 J	551
1/26/2010	5893225	8260	< 1	< 0.8	< 1	< 0.8	< 2	< 0.8	2.4 J	< 0.8	29	< 0.8	< 1	31.4
4/7/2010	5948424	8260	< 1	< 0.8	< 1	< 0.8	< 2	< 0.8	3.1 J	< 0.8	26	< 0.8	< 1	29.1
7/21/2010	6039077	8260	< 1	< 0.8	< 1	< 0.8	< 2	< 0.8	44	< 0.8	320	< 0.8	< 1	364
10/12/2010	6109760	8260	< 2	< 1.6	50	4.4 J	< 4	4 J	1000	27	59	< 1.6	150	1294.4
1/24/2011	6190812	8260	< 1	< 0.8	< 1	< 0.8	< 2	< 0.8	16	< 0.8	140	< 0.8	< 1	156
4/12/2011	6256725	8260	< 1	< 0.8	< 1	< 0.8	< 2	< 0.8	2.5 J	< 0.8	26	< 0.8	< 1	28.5
7/20/2011	6352279	8260	< 1	< 0.8	< 1	< 0.8	< 2	< 0.8	13	< 0.8	110	< 0.8	< 1	123
10/12/2011	6435907	8260	< 1	< 0.8	< 1	< 0.8	< 2	0.93 J	59	< 0.8	480	< 0.8	< 1	539.93
1/19/2012	6527713	8260	< 1	< 0.8	< 1	< 0.8	< 2	< 0.8	1.8 J	< 0.8	23	< 0.8	< 1	24.8
4/4/2012	6607025	8260	< 1	< 0.8	< 1	< 0.8	< 2	< 0.8	3.7 J	< 0.8	29	< 0.8	< 1	32.7
7/19/2012	6728261	8260	< 1	< 0.8	< 1	< 0.8	< 2	< 0.8	22	< 0.8	260	< 0.8	< 1	282
10/4/2012	6814369	8260	< 2	< 1.6	40	11	< 4	11	2200	14	380	< 1.6	310	2966
1/24/2013	6934235	8260	< 1	< 0.8	< 1	< 0.8	< 2	< 0.8	36	< 0.8	38	< 0.8	2.3 J	76.3
4/2/2013	7007577	8260	< 1	< 0.8	< 1	< 0.8	< 2	< 0.8	4 J	< 0.8	41	< 0.8	< 1	45
7/11/2013	7125531	8260	< 1	< 0.8	1.2 J	< 0.8	< 2	< 0.8	44	1.5 J	2 J	< 0.8	3 J	51.7
11/12/2013	7275079	8260	< 1	< 0.8	< 1	< 0.8	< 2	< 0.8	17	< 0.8	5.5	< 0.8	1.3 J	23.8
1/17/2014	7341391	8260	< 1	< 0.8	< 1	< 0.8	< 2	< 0.8	2.3 J	< 0.8	19	< 0.8	< 1	21.3
4/14/2014	7430457	8260	< 0.5	< 0.5	< 0.5	< 0.5	< 2	< 0.5	1.7	< 0.5	16	< 0.5	< 0.5	17.7
7/10/2014	7529503	8260	< 0.5	2.9	< 0.5	< 0.5	< 2	< 0.5	1.3	< 0.5	6.9	< 0.5	< 0.5	11.1
10/6/2014	7626648	8260	< 0.5	< 0.5	< 0.5	< 0.5	< 2	< 0.5	1.8	< 0.5	3.7	< 0.5	< 0.5	5.5
1/8/2015	7734022	8260	< 0.5	8.6	< 0.5	< 0.5	< 2	< 0.5	10	< 0.5	82	< 0.5	< 0.5	100.6
4/14/2015	7847240	8260	< 0.5	0.7 J	< 0.5	< 0.5	< 2	< 0.5	1.7	< 0.5	19	< 0.5	< 0.5	21.4
7/13/2015	7965562	SW8260C	< 0.5	< 0.5	< 0.5	< 0.5	< 2	< 0.5	4.7	< 0.5	21	< 0.5	< 0.5	25.7
10/7/2015	8080780	SW8260C	< 0.5	< 0.5	13	< 0.5	< 2	0.57 J	23	3	64	< 0.5	4.9	108.47
1/6/2016	8197838	SW8260C	< 0.5	< 0.5	53	4.4	< 2	2.4	270	110	460	0.69 J	75	975.49
12/9/2016	240-73270-22	8260C	< 18	< 18	6.6 J	< 18	12 J	< 18	340	< 18	480	< 18	< 18	838.6
5/2/2017	240-79083-9	8260C	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	1.6	< 1.0	20	< 1.0	< 1.0	21.6
11/1/2017	240-87694-15	8260C	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	1.2	0.84 J	14	< 1.0	< 1.0	16.04
4/13/2018	240-94116-5	8260C	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	1.2	< 1.0	14	< 1.0	< 1.0	15.2
9/26/2018	240-102125-4	8260C	< 20	< 20	18 J	< 20	< 100	< 20	260	45	620	3.1 J	5.5 J	951.6
4/10/2019	240-110803-23	8260C	< 1.0	< 1.0	< 1.0	< 1.0	< 5.0	< 1.0	5.7	0.55 J	21	< 1.0	< 1.0	27.25
11/20/2019	240-122631-5	624.1_L	< 2.0	< 2.0	4.2	0.56 J	< 10	< 1.0	23	13	62	< 2.0	< 2.0	102.76
4/1/2020	240-128428-6	8260C	< 1.0	< 1.0	< 1.0	< 1.0	< 5.0	< 1.0	2	0.28 J	9.8	< 1.0	< 1.0	12.08
10/26/2020	240-139061-4	8260C	< 13	< 13	2.9 J	< 13	< 63	< 13	76	< 13	680	< 13	4.4 J	763.3
4/21/2021	240-147939-20	8260C	< 50	< 50	< 50	< 50	< 250	< 50	300	29 J	1600	< 50	< 50	1929
10/28/2021	240-159076-18	8260C	< 10	< 10	< 10	< 10	< 50	< 10	87	11	300	< 10	< 10	398
4/13/2022	240-165065-3	8260C	< 1.0	< 1.0	< 1.0	< 1.0	< 5.0	< 1.0	3.4	1.6	18	< 1.0	< 1.0	23
10/17/2022	240-175103-17	8260D	< 1.0	< 1.0	25	3.1	< 5.0	2.2	240 D	76	1700 D	3	19	2068.3
3/20/2023	240-182590-19	8260D	< 1.0	< 1.0	0.63 J	< 1.0	< 5.0	< 1.0	8.7	7	40	< 1.0	< 1.0	56.33
10/18/2023	240-194049-4	8260D	< 1.0	< 1.0	1.6	< 1.0	< 5.0	< 1.0	37	3.2	350 D	0.83 J	< 1.0	392.63

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2) Total VOCs have been recalculated and represented as the sum of the detected parameters shown on this table.
3) The method change to 8260 was approved by the NYSDEC and changed in January 2005.

B - The analyte is present in the associated method blank.
D - Result reported from a secondary dilution analysis.
E - Concentration exceeds the calibration range; Result is estimated.
J - Indicates an estimated value.
µg/L - micrograms per liter

MONITORING WELL GROUNDWATER ANALYTICAL RESULT SUMMARY
FORMER CARBORUNDUM COMPANY
SANBORN, NEW YORK

Well ID: QUARRY POND

Date	Lab Sample ID	Method	Carbon tetrachloride (µg/L)	Chloroform (µg/L)	1,1-Dichloroethane (µg/L)	1,1-Dichloroethene (µg/L)	Methylene chloride (µg/L)	trans-1,2-Dichloroethene (µg/L)	cis-1,2-Dichloroethene (µg/L)	1,1,1-Trichloroethane (µg/L)	Trichloroethene (µg/L)	Tetrachloroethene (µg/L)	Vinyl chloride (µg/L)	Total
4/20/1999		8260	< 1.2	< 0.5	< 1	< 0.7	< 2.5	< 1	< 1	< 0.64	< 1.2	< 0.79	< 1.8	0
10/12/1999		8260	< 1.2	< 1	< 1	< 1	< 2.5	< 1	< 1	< 1	< 1.2	< 1	< 1.8	0
4/26/2000	A0275219	8021	< 1.2	< 1	< 1	< 1	< 2.5	< 1	< 1	< 1	< 1.2	< 1	< 1.8	0
7/18/2000	A0500410	8021	< 1.2	< 1	< 1	< 1	< 2.5	< 1	< 1	< 1	< 1.2	< 1	< 1.8	0
10/19/2000	A0751305	8021	< 1.2	< 1	< 1	< 1	< 2.5	< 1	< 1	< 1	< 1.2	< 1	< 1.8	0
4/24/2001	A1375203	8021	< 1.2	< 1	< 1	< 1	< 2.5	< 1	< 1	< 1	< 1.2	< 1	< 1.8	0
10/19/2001	A1A28803	8021	< 1.2	< 1	< 1	< 1	< 2.5	< 1	< 1	< 1	< 1.2	< 1	< 1.8	0
4/12/2002	A2351701	8021	< 1.2	< 1	< 1	< 1	< 2.5	< 1	< 1	< 1	< 1.2	< 1	< 1.8	0
7/11/2002	A2708312	8021	< 1.2	< 1	< 1	< 1	< 2.5	< 1	< 1	< 1	< 1.2	< 1	< 1.8	0
10/7/2002	A2999206	8021	< 1.2	< 1	< 1	< 1	< 2.5	< 1	< 1	< 1	< 1.2	< 1	< 1.8	0
4/8/2003	A3329703	8021	< 1.2	< 1	< 1	< 1	< 2.5	< 1	< 1	< 1	< 1.2	< 1	< 1.8	0
10/10/2003	A3983803	8021	< 1.2	< 1	< 1	< 1	< 2.5	< 1	< 1	< 1	< 1.2	< 1	< 1.8	0
4/5/2005	A5317607	8260	< 1.2	< 1	< 1	< 1	< 2.5	< 1	< 1	< 1	< 1.2	< 1	< 1.8	0
10/6/2005	A5B19701	8260	< 1.2	< 1	< 1	< 1	< 2.5	< 1	< 1	< 1	< 1.2	< 1	< 1.8	0
4/13/2006	6D14002-04	8260	< 1	< 1	< 1	< 1	< 2	< 1	< 1	< 1	< 1	< 1	< 2	0
10/10/2006	6J11002-10	8260	< 1	< 1	< 1	< 1	< 2	< 1	< 1	< 1	< 1	< 1	< 2	0
4/4/2007	7D05011-06	8260	< 1	< 1	< 1	< 1	< 2	< 1	< 1	< 1	< 1	< 1	< 2	0
10/11/2007	7J12012-06	8260	< 1	< 1	< 1	< 1	2	< 1	< 1	< 1	< 1	< 1	< 2	2
4/16/2008	8D16026-02	8260	< 1	< 1	< 1	< 1	3 B	< 1	< 1	< 1	< 1	< 1	< 2	3
10/14/2008	5498681	8260	< 1	< 0.8	< 1	< 0.8	< 2	< 0.8	< 0.8	< 0.8	< 1	< 0.8	< 1	0
4/20/2009	5651168	8260	< 1	< 0.8	< 1	< 0.8	< 2	< 0.8	< 0.8	< 0.8	< 1	< 0.8	< 1	0
10/6/2009	5799014	8260	< 1	< 0.8	< 1	< 0.8	< 2	< 0.8	< 0.8	< 0.8	< 1	< 0.8	< 1	0
4/7/2010	5948421	8260	< 1	< 0.8	< 1	< 0.8	< 2	< 0.8	< 0.8	< 0.8	< 1	< 0.8	< 1	0
10/19/2010	6116889	8260	< 1	< 0.8	< 1	< 0.8	< 2	< 0.8	< 0.8	< 0.8	< 1	< 0.8	< 1	0
4/14/2011	6259037	8260	< 1	< 0.8	< 1	< 0.8	< 2	< 0.8	< 0.8	< 0.8	< 1	< 0.8	< 1	0
10/10/2011	6433656	8260	< 1	< 0.8	< 1	< 0.8	< 2	< 0.8	< 0.8	< 0.8	< 1	< 0.8	< 1	0
4/4/2012	6607029	8260	< 1	< 0.8	< 1	< 0.8	< 2	< 0.8	< 0.8	< 0.8	< 1	< 0.8	< 1	0
10/3/2012	6812012	8260	< 1	< 0.8	< 1	< 0.8	< 2	< 0.8	< 0.8	< 0.8	< 1	< 0.8	< 1	0
4/9/2013	7016205	8260	< 1	< 0.8	< 1	< 0.8	< 2	< 0.8	< 0.8	< 0.8	< 1	< 0.8	< 1	0
11/14/2013	7278194	8260	< 1	< 0.8	< 1	< 0.8	< 2	< 0.8	< 0.8	< 0.8	< 1	< 0.8	< 1	0
4/14/2014	7430448	8260	< 0.5	< 0.5	< 0.5	< 0.5	< 2	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	0
10/2/2014	7623658	8260	< 0.5	< 0.5	< 0.5	< 0.5	< 2	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	0
4/15/2015	7849421	8260	< 0.5	< 0.5	< 0.5	< 0.5	< 2	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	0
10/6/2015	8079118	SW8260C	< 0.5	< 0.5	< 0.5	< 0.5	< 2	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	0
12/6/2016	240-73125-7	8260C	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	0
4/27/2017	240-78855-10	8260C	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	0
11/2/2017	240-87694-18	8260C	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	0
4/18/2018	240-94333-3	8260C	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	0
9/28/2018	240-102125-16	8260C	< 1.0	< 1.0	< 1.0	< 1.0	< 5.0	< 1.0	0.16 J	< 1.0	< 1.0	< 1.0	< 1.0	0.16
4/5/2019	240-110803-1	8260C	< 1.0	0.18 J	< 1.0	< 1.0	< 5.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	0.18
11/20/2019	240-122631-9	624.1_L	< 1.0	< 1.0	< 1.0	< 1.0	< 5.0	< 0.50	< 0.50	< 1.0	< 1.0	< 1.0	< 1.0	0
3/26/2020	240-128236-12	8260C	< 1.0	0.24 J	< 1.0	< 1.0	< 5.0	< 1.0	0.24 J	< 1.0	< 1.0	< 1.0	< 1.0	0.48
10/29/2020	240-139252-9	8260C	< 1.0	< 1.0	< 1.0	< 1.0	< 5.0	< 1.0	0.29 J	< 1.0	0.16 J	< 1.0	< 1.0	0.45
4/19/2021	240-147939-2	8260C	< 1.0	0.58 J	< 1.0	< 1.0	< 5.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	0.58
10/26/2021	240-159076-6	8260C	< 1.0	< 1.0	< 1.0	< 1.0	< 5.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	0
4/12/2022	240-165066-5	8260C	< 1.0	< 1.0	< 1.0	< 1.0	< 5.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	0

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3) The method change to 8260 was approved by the NYSDEC and changed in January 2005.

B - The analyte is present in the associated method blank.
D - Result reported from a secondary dilution analysis.
E - Concentration exceeds the calibration range; Result is estimated.
J - Indicates an estimated value.
µg/L - micrograms per liter

Well ID: **QUARRY POND**

Date	Lab Sample ID	Method	Carbon tetrachloride (µg/L)	Chloroform (µg/L)	1,1-Dichloroethane (µg/L)	1,1-Dichloroethene (µg/L)	Methylene chloride (µg/L)	trans-1,2-Dichloroethene (µg/L)	cis-1,2-Dichloroethene (µg/L)	1,1,1-Trichloroethane (µg/L)	Trichloroethene (µg/L)	Tetrachloroethene (µg/L)	Vinyl chloride (µg/L)	Total
10/17/2022	240-175103-10	8260D	< 1.0	< 1.0	< 1.0	< 1.0	< 5.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	0
3/21/2023	240-182590-10	8260D	< 1.0	< 1.0	< 1.0	< 1.0	< 5.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	0
10/19/2023	240-194049-11	8260D	< 1.0	< 1.0	< 1.0	< 1.0	< 5.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	0

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To Address the NYSDEC concerns regarding the presentation and plotting of non-detected values, the data for 2001 to 2004 has been reevaluated and interpreted as follows:

1) Non-detected concentrations have been represented as '<' for reporting purposes.
2) Total VOCs have been recalculated and represented as the sum of the detected parameters shown on this table.
3) The method change to 8260 was approved by the NYSDEC and changed in January 2005.

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D - Result reported from a secondary dilution analysis.
E - Concentration exceeds the calibration range; Result is estimated.
J - Indicates an estimated value.
µg/L - micrograms per liter

MONITORING WELL GROUNDWATER ANALYTICAL RESULT SUMMARY
FORMER CARBORUNDUM COMPANY
SANBORN, NEW YORK

Well ID: **T-002**

Date	Lab Sample ID	Method	Carbon tetrachloride (µg/L)	Chloroform (µg/L)	1,1-Dichloroethane (µg/L)	1,1-Dichloroethene (µg/L)	Methylene chloride (µg/L)	trans-1,2-Dichloroethene (µg/L)	cis-1,2-Dichloroethene (µg/L)	1,1,1-Trichloroethane (µg/L)	Trichloroethene (µg/L)	Tetrachloroethene (µg/L)	Vinyl chloride (µg/L)	Total
1/23/2013	6932569	8260	< 1	< 0.8	74	11	< 2	4.8 J	580	440	1400	8	21	2538.8
4/8/2013	7015034	8260	< 1	< 0.8	46	< 0.8	< 2	1.4 J	300	5.3	780	3.9 J	30	1166.6
7/11/2013	7125537	8260	< 5	< 4	18 J	< 4	< 10	< 4	300	< 4	580	< 4	15 J	913
11/12/2013	7275082	8260	< 1	< 0.8	24	3.2 J	< 2	3.2 J	640	54	530	4.5 J	65	1323.9
1/20/2014	7342584	8260	< 1	< 0.8	32	5 J	< 2	3.7 J	970	88	540	4.2 J	84	1726.9
4/15/2014	7432589	8260	< 0.5	< 0.5	14	2.4	< 2	2.3	440	23	450	3.8	38	973.5
7/15/2014	7534321	8260	< 0.5	< 0.5	6.7	1.3	< 2	2.1	320	3.7	600	3.3	29	966.1
10/2/2014	7623671	8260	< 0.5	< 0.5	2.2	1.6	< 2	3.3	280	4.9	1400	5.9	1.2	1699.1
1/6/2015	7731165	8260	< 0.5	0.57 J	19	2.4	< 2	2.7	290	31	820	9.3	52	1226.97
4/15/2015	7849428	8260	< 0.5	0.52 J	9.1	1.7	< 2	2.5	360	11	960	8	22	1374.82
7/15/2015	7968766	SW8260C	< 0.5	< 0.5	5.2	0.71 J	< 2	1.7	250	5.6	630	4.6	17	914.81
10/7/2015	8080781	SW8260C	< 0.5	< 0.5	2.7	< 0.5	< 2	0.7 J	130	1.1	140	0.59 J	1.7	276.79
1/7/2016	8199641	SW8260C	< 0.5	< 0.5	9	1.6	< 2	1.1	210	2.3	96	< 0.5	25	345
1/10/2017	240-74284-2	8260C	< 4.0	< 4.0	3.0 J	< 4.0	5.6 B	< 4.0	93	< 4.0	50	< 4.0	2.2 J	153.8
5/3/2017	240-79160-6	8260C	< 10	< 10	3.5 J	< 10	< 10	< 10	180	< 10	300	< 10	8.6 J	492.1
11/3/2017	240-87694-7	8260C	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	190	< 4.0	380 D	4.2	6.9	581.1
4/17/2018	240-94331-11	8260C	< 25	< 25	< 25	< 25	< 25	< 25	220	< 25	640	< 25	11 J	871
8/20/2018	240-100225-1	624.1_P	< 5	< 5.0	4.4 J	0.91 J	< 10	3.6	230	1.1 J	240	3.2 J	7.1 J	490.31
9/26/2018	240-102125-8	8260C	< 10	< 10	7.1 J	< 10	< 50	< 10	400	< 10	160	1.9 J	19	588
4/10/2019	240-110803-26	8260C	< 13	< 13	8.9 J	2.7 J	< 63	4.1 J	640	< 13	670	3.5 J	36	1365.2
11/20/2019	240-122631-13	624.1_L	< 20	< 20	9.4 J	< 20	< 100	< 10	460	< 20	750	4.4 J	28	1251.8
4/1/2020	240-128428-8	8260C	< 10	< 10	7.1 J	2.0 J	< 50	3.2 J	430	< 10	790	4.3 J	25	1261.6
10/26/2020	240-139061-6	8260C	< 1.0	< 1.0	0.19 J	< 1.0	< 5.0	0.21 J	21	0.29 J	120 D	2.9	0.36 J	144.95
4/21/2021	240-147939-14	8260C	< 10	< 10	22	4.9 J	< 50	3.8 J	710	< 10	320	< 10	42	1102.7
10/25/2021	240-159076-2	8260C	< 10	< 10	< 10	< 10	34 J	< 10	260	< 10	760 D	< 10	11	1065
4/11/2022	240-165066-6	8260C	< 50	< 50	< 50	< 50	< 250	< 50	810	< 50	510	< 50	71	1391
10/17/2022	240-175103-12	8260D	< 5.0	< 5.0	8.2	< 5.0	< 25	< 5.0	340 D	< 5.0	48	< 5.0	58	454.2
3/20/2023	240-182590-12	8260D	< 50	< 50	< 50	< 50	< 250	< 50	580	< 50	1200	< 50	< 50	1780
10/18/2023	240-194049-1	8260D	< 10	< 10	13	< 10	< 50	< 10	710	< 10	740	5.4 J	51	1519.4

< - Indicates parameter was analyzed for, but not detected at or above the reporting limit
To Address the NYSDEC concerns regarding the presentation and plotting of non-detected values, the data for 2001 to 2004 has been reevaluated and interpreted as follows:
1) Non-detected concentrations have been represented as '<' for reporting purposes.
2) Total VOCs have been recalculated and represented as the sum of the detected parameters shown on this table.
3) The method change to 8260 was approved by the NYSDEC and changed in January 2005.

B - The analyte is present in the associated method blank.
D - Result reported from a secondary dilution analysis.
E - Concentration exceeds the calibration range; Result is estimated.
J - Indicates an estimated value.
µg/L - micrograms per liter

Appendix E

SPDES Permit and 2023 Submittals

New York State Department of Environmental Conservation
Division of Environmental Permits, 4th Floor
625 Broadway, Albany, NY 12233-1750
Phone: (518) 402-9167 • **Fax:** (518) 402-9168
Website: www.dec.ny.gov

DEC - 7 2011

Joe Martens
Commissioner

William B. Barber
Elm Holdings Inc c/o BP Exploration
4850 E 49th St Rm MBC3-147
Cuyahoga Heights, OH 44125

FACILITY INFORMATION

NAME: Former Carborundum Complex – Cory Rd
LOCATION: Wheatfield (T)
COUNTY: Niagara
SPDES NO: NY 000 1988
DEC ID NO.: 9-2940-00059/00003

Dear SPDES Permittee:

Enclosed please find a validated NOTICE/RENEWAL APPLICATION/PERMIT form renewing your State Pollutant Discharge Elimination System (SPDES) permit for the referenced facility. This validated form, together with the previously issued permit (see issuance date of this permit in Part 3 of the NOTICE/RENEWAL APPLICATION/PERMIT form), and any subsequent permit modifications constitute authorization to discharge wastewater in accordance with all terms, conditions and limitations specified therein.

The instructions and other information that you received with the NOTICE/RENEWAL APPLICATION/PERMIT package fully described procedures for renewal and modification of your SPDES permit under the Environmental Benefit Permit Strategy (EBPS). As a reminder, SPDES permits are renewed at a central location in Albany in order to make the process more efficient. All other concerns with your permit such as applications for permit modifications, permit transfers to a new owner, name changes, and other questions should be directed to the Regional Permit Administrator at the following address:

Dave Denk
NYSDEC-Region 9
270 Michigan Avenue
Buffalo, NY 14203-2999
(716)851-7165

If you have already filed an application for modification of your permit, it will be processed separately through our regional office. If you have questions concerning this permit renewal, please contact Lindy Sue Czubernat at (518) 402-9165.

Sincerely,

Lindy Sue Czubernat

Agency Program Aide

Enclosure

cc: RPA
RWE
BWP

91-20-5 (5/97)

NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION
State Pollutant Discharge Elimination System (SPDES)
NOTICE / RENEWAL APPLICATION / PERMIT

Please read **ALL** instructions on the back before completing this application form. Please **TYPE** or **PRINT** clearly in ink.

PART 1 - NOTICE 05/10/2011

Permittee Contact Name, Title Address

ELM HOLDINGS INC C/O BP EXPLORATION
WILLIAM B. BARBER
4850 E 49TH ST, RM MBC3-147
CUYAHOGA HEIGHTSOH 44125

Facility and SPDES Permit Information

Name: FORMER CARBORUNDUM COMPLEX - CORY
Ind. Code: 9511 County: NIAGARA
DEC No.: 9-2940-00059/00003
SPDES No.: NY 000 1988
Expiration Date: 03/31/2012
Application Due By: 10/03/2011

Are these name(s) & address(es) correct? if not, please write corrections above

The State Pollutant Discharge Elimination System Permit for the facility referenced above expires on the date indicated. You are required by law to file a complete renewal application **at least 180 days prior to expiration of your current permit**. **Note the "Application Due By" date above**

CAUTION: This short application form and attached questionnaire are the only forms acceptable for permit renewal. Sign Part 2 below and mail only this form and the completed questionnaire using the enclosed envelope *Effective April 1, 1994 the Department no longer assesses SPDES application fees*

If there are changes to your discharge, or to operations affecting the discharge, then in addition to this renewal application, you must also submit a separate permit modification application to the Regional Permit Administrator for the DEC region in which the facility is located, as required by your current permit. See the reverse side of this page for instructions on filing a modification request.

PART 2 - RENEWAL APPLICATION

CERTIFICATION: I hereby affirm that under penalty of perjury that the information provided on this form and all attachments submitted herewith is true to the best of my knowledge and belief. False statements made herein are punishable as a Class A misdemeanor pursuant to section 210.45 of the Penal Law.

William B. Barber — Project Manager

Name of person signing application (see instructions on back) — Title

Signature — Sept. 28, 2011 — Date

PART 3 - PERMIT (Below this line - Official Use Only)

Effective Date: 4/1/12 **Expiration Date:** 3/31/17

Stuart Fox
Permit Administrator

Address: NYSDEC - Division of Environmental Permits
Bureau of Environmental Analysis
625 Broadway, Albany, NY 12233-1750

Stuart M. Fox — DEC - 7 2011
Signature — **Date**

This permit together with the previous valid permit for this facility issued 4/1/07 and subsequent modifications constitute authorization to discharge wastewater in accordance with all terms, conditions and limitations specified in the previously issued valid permit, modifications thereof or issued as part of this permit, including any special or general conditions attached hereto. Nothing in this permit shall be deemed to waive the Department's authority to initiate a modification of this permit on the grounds specified in 6NYCRR §621.14, 6NYCRR §754.4 or 6NYCRR §757.1 existing at the time this permit is issued or which arise thereafter.

~~Attachments: General Conditions dated __/__~~

RECEIVED NYSDEC
11 SEP 29 PM 2:22
ENVIRONMENTAL PERMITS

91-20-5a (5/97)

NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION

Please enter the numbers from your current permit:

DEC Number 9 - 2940 - 00059 / 0000 - 3

SPDES Number NY 000 1988

SPDES RENEWAL APPLICATION QUESTIONNAIRE

THIS PAGE MUST BE COMPLETED AND RETURNED WITH YOUR COMPLETED APPLICATION

Please TYPE or PRINT neatly using adequate pressure to make ALL copies legible Keep a copy for your records

1 Has the SPDES permit for your facility been modified in the past 5 years ☒ YES ☐ NO

2 Dischargers who use, manufacture, store, handle or discharge toxic or hazardous pollutants are subject to Industrial Best Management Practices (BMP) plan requirements for toxic or hazardous substances. A BMP plan prevents or minimizes the potential for release of pollutants to receiving waters from such ancillary industrial activities, including material storage areas; plant site runoff; in-plant transfer; process and material storage areas; loading and unloading operations, and sludge and waste disposal areas

Does your facility conduct ancillary activities as described above, which are not covered by BMP requirements in your current permit? ☐ YES ☒ NO

Please indicate which of the following best describes the situation at your facility:

☐ None of the concerns on the "Self Evaluation List" seem to apply to my facility at this time and I will not be applying for a modification of the SPDES permit in the foreseeable future

☐ Yes, some of the items on the "Self Evaluation List" have led me to believe that the permit for this facility needs to be modified I already have a complete modification application pending with the Department

☐ Yes, some of the items on the "Self Evaluation List" have led me to believe that the SPDES permit for this facility may need to be Modified I have requested the appropriate forms by phone OR I have completed and attached the "Request For SPDES Application Forms" (included in this renewal package) to allow me to submit a permittee-initiated Modification application See The "Request For SPDES Application Forms" page for a toll free 800 number

☒ The items on the "Self Evaluation List" have left me unable to conclude whether my permit needs to be modified at this time I am reporting the following general concerns about my permit:

A vault water collection and conveyance system was approved by the NYSDEC in July 2011. The vault water collection and conveyance piping will route the collected water to the current groundwater treatment system. A copy of the approved system design can be transmitted to NYSDEC if requested. Operation of the vault water collection system is estimated to begin in the spring of 2012. After vault water collection system installation the operating parameters of the recovery system will be evaluated to determine if permit modifications are warranted. At present flow is anticipated to remain within current permit limits and no changes in water chemistry are anticipated.

DISTRIBUTION: Regional Water Engineer
Regional Permit Administrator
Central Office (BWP)

DMR Copy of Record

Permit					
Permit #:	**NY0001988**	**Permittee:**	ELM HOLDINGS, INC	**Facility:**	FORMER CARBORUNDUM COMPLEX
Major:	Yes	**Permittee Address:**	4850 EAST 49TH ST, MBC3-147 CUYAHOGA HEIGHTS, OH 44125	**Facility Location:**	2040 CORY DRIVE SANBORN, NY 14132
Permitted Feature:	01A External Outfall	**Discharge:**	**01A-M** GROUNDWATER TREATMENT SYSTEM		
Report Dates & Status					
Monitoring Period:	**From 01/01/23 to 01/31/23**	**DMR Due Date:**	**02/28/23**	**Status:**	**NetDMR Validated**
Considerations for Form Completion					
PLEASE REVIEW FOOTNOTES #1, #2, AND #3 OF PERMIT FOR DETAILED INSTRUCTIONS, AND ALSO REVIEW SPECIAL CONDITIONS INVOLVING CERTAIN PARAMETERS.					
Principal Executive Officer					
First Name:	William	**Title:**	Proj Mgr	**Telephone:**	216-271-8038
Last Name:	Barber				
No Data Indicator (NODI)					
Form NODI:	--				

Parameter		Monitoring Location	Season #	Param. NODI		Quantity or Loading					Quality or Concentration						# of Ex.	Frequency of Analysis	Sample Type
Code	Name					Qualifier 1	Value 1	Qualifier 2	Value 2	Units	Qualifier 1	Value 1	Qualifier 2	Value 2	Qualifier 3	Value 3	Units			
00011	**Temperature, water deg. fahrenheit**	1 - Effluent Gross	0	--	Sample										=	58.5	15 - deg F	0	01/30 - Monthly	GR - GRAB
					Permit Req.										<=	90.0 DAILY MX	15 - deg F		01/30 - Monthly	GR - GRAB
					Value NODI															
00056	**Flow rate**	1 - Effluent Gross	0	--	Sample	=	15083.0	=	21182.0	07 - gal/d								0	99/99 - Continuous	MT - METER
					Permit Req.		Req Mon DAILY AV	<=	144000.0 DAILY MX	07 - gal/d									99/99 - Continuous	MT - METER
					Value NODI															
00310	**BOD, 5-day, 20 deg. C**	1 - Effluent Gross	0	--	Sample								<	2.0	<	2.0	19 - mg/L	0	02/30 - Twice Per Month	24 - COMP24
					Permit Req.									Req Mon DAILY AV	<=	5.0 DAILY MX	19 - mg/L		02/30 - Twice Per Month	24 - COMP24
					Value NODI															
00400	**pH**	1 - Effluent Gross	0	--	Sample						=	7.24			=	7.53	12 - SU	0	01/07 - Weekly	GR - GRAB
					Permit Req.						>=	6.5 MINIMUM			<=	8.5 MAXIMUM	12 - SU		01/07 - Weekly	GR - GRAB
					Value NODI															
00530	**Solids, total suspended**	1 - Effluent Gross	0	--	Sample								=	7.65	=	11.0	19 - mg/L	0	02/30 - Twice Per Month	24 - COMP24
					Permit Req.								<=	20.0 DAILY AV	<=	40.0 DAILY MX	19 - mg/L		02/30 - Twice Per Month	24 - COMP24
					Value NODI															
00556	**Oil & Grease**	1 - Effluent Gross	0	--	Sample								=	1.95	=	2.4	19 - mg/L	0	02/30 - Twice Per Month	GR - GRAB
					Permit Req.									Req Mon DAILY AV	<=	15.0 DAILY MX	19 - mg/L		02/30 - Twice Per Month	GR - GRAB
					Value NODI															
01002	**Arsenic, total [as As]**	1 - Effluent Gross	0	--	Sample										<	0.75	28 - ug/L	0	01/30 - Monthly	24 - COMP24
					Permit Req.										<=	150.0 DAILY MX	28 - ug/L		01/30 - Monthly	24 - COMP24
					Value NODI															
01027	**Cadmium, total [as Cd]**	1 - Effluent Gross	0	--	Sample										=	1.5	28 - ug/L	0	01/30 - Monthly	24 - COMP24
					Permit Req.										<=	3.9 DAILY MX	28 - ug/L		01/30 - Monthly	24 - COMP24
					Value NODI															
01034	**Chromium, total [as Cr]**	1 - Effluent Gross	0	--	Sample										<	2.5	28 - ug/L	0	01/30 - Monthly	24 - COMP24
					Permit Req.										<=	50.0 DAILY MX	28 - ug/L		01/30 - Monthly	24 - COMP24
					Value NODI															
01040	**Copper, dissolved [as Cu]**	1 - Effluent Gross	0	--	Sample										<	1.7	28 - ug/L	0	01/30 - Monthly	24 - COMP24
					Permit Req.											Req Mon DAILY MX	28 - ug/L		01/30 - Monthly	24 - COMP24
					Value NODI															
01042	**Copper, total [as Cu]**	1 - Effluent Gross	0	--	Sample										=	5.0	28 - ug/L	0	01/30 - Monthly	24 - COMP24
					Permit Req.										<=	19.0 DAILY MX	28 - ug/L		01/30 - Monthly	24 - COMP24
					Value NODI															
01045	**Iron, total [as Fe]**	1 - Effluent Gross	0	--	Sample										=	0.13	19 - mg/L	0	01/30 - Monthly	24 - COMP24
					Permit Req.										<=	1.0 DAILY MX	19 - mg/L		01/30 - Monthly	24 - COMP24
					Value NODI															
X 01051	**Lead, total [as Pb]**	1 - Effluent Gross	0	--	Sample										=	30.0	28 - ug/L	1	01/30 - Monthly	24 - COMP24
					Permit Req.										<=	25.0 DAILY MX	28 - ug/L		01/30 - Monthly	24 - COMP24
					Value NODI															

01090	**Zinc, dissolved [as Zn]**	1 - Effluent Gross	0	--	Sample									=	1.3	19 - mg/L	0	01/30 - Monthly	24 - COMP24
					Permit Req.										Req Mon DAILY MX	19 - mg/L		01/30 - Monthly	24 - COMP24
					Value NODI														
01092	**Zinc, total [as Zn]**	1 - Effluent Gross	0	--	Sample									=	1.7	19 - mg/L	0	01/30 - Monthly	24 - COMP24
					Permit Req.									<=	2.0 DAILY MX	19 - mg/L		01/30 - Monthly	24 - COMP24
					Value NODI														
32103	**1,2-Dichloroethane**	1 - Effluent Gross	0	--	Sample								<	0.21	<	0.21	28 - ug/L	0	01/07 - Weekly	08 - COMP-8
					Permit Req.									Req Mon DAILY AV	<=	10.0 DAILY MX	28 - ug/L		01/07 - Weekly	08 - COMP-8
					Value NODI														
32106	**Chloroform**	1 - Effluent Gross	0	--	Sample								<	0.47	<	0.47	28 - ug/L	0	01/07 - Weekly	08 - COMP-8
					Permit Req.									Req Mon DAILY AV	<=	10.0 DAILY MX	28 - ug/L		01/07 - Weekly	08 - COMP-8
					Value NODI														
34423	**Methylene chloride**	1 - Effluent Gross	0	--	Sample								<	2.6	<	2.6	28 - ug/L	0	01/07 - Weekly	08 - COMP-8
					Permit Req.									Req Mon DAILY AV	<=	10.0 DAILY MX	28 - ug/L		01/07 - Weekly	08 - COMP-8
					Value NODI														
34496	**1,1-Dichloroethane**	1 - Effluent Gross	0	--	Sample								<	0.47	<	0.47	28 - ug/L	0	01/07 - Weekly	08 - COMP-8
					Permit Req.									Req Mon DAILY AV	<=	10.0 DAILY MX	28 - ug/L		01/07 - Weekly	08 - COMP-8
					Value NODI														
34501	**1,1-Dichloroethylene**	1 - Effluent Gross	0	--	Sample								<	0.49	<	0.49	28 - ug/L	0	01/07 - Weekly	08 - COMP-8
					Permit Req.									Req Mon DAILY AV	<=	10.0 DAILY MX	28 - ug/L		01/07 - Weekly	08 - COMP-8
					Value NODI														
34506	**1,1,1-Trichloroethane**	1 - Effluent Gross	0	--	Sample								<	0.48	<	0.48	28 - ug/L	0	01/07 - Weekly	08 - COMP-8
					Permit Req.									Req Mon DAILY AV	<=	10.0 DAILY MX	28 - ug/L		01/07 - Weekly	08 - COMP-8
					Value NODI														
34546	**trans-1,2-Dichloroethylene**	1 - Effluent Gross	0	--	Sample								<	0.51	<	0.51	28 - ug/L	0	01/07 - Weekly	08 - COMP-8
					Permit Req.									Req Mon DAILY AV	<=	10.0 DAILY MX	28 - ug/L		01/07 - Weekly	08 - COMP-8
					Value NODI														
39175	**Vinyl chloride**	1 - Effluent Gross	0	--	Sample								<	0.45	<	0.45	28 - ug/L	0	02/30 - Twice Per Month	08 - COMP-8
					Permit Req.									Req Mon DAILY AV	<=	10.0 DAILY MX	28 - ug/L		02/30 - Twice Per Month	08 - COMP-8
					Value NODI														
46000	**Phenols**	1 - Effluent Gross	0	--	Sample								<	1.0	<	1.0	28 - ug/L	0	02/30 - Twice Per Month	24 - COMP24
					Permit Req.									Req Mon DAILY AV	<=	5.0 DAILY MX	28 - ug/L		02/30 - Twice Per Month	24 - COMP24
					Value NODI														
50060	**Chlorine, total residual**	1 - Effluent Gross	0	--	Sample										<	0.01	19 - mg/L	0	01/30 - Monthly	GR - GRAB
					Permit Req.										<=	0.1 DAILY MX	19 - mg/L		01/30 - Monthly	GR - GRAB
					Value NODI														
78391	**Trichloroethene**	1 - Effluent Gross	0	--	Sample								=	0.83	=	1.0	28 - ug/L	0	01/07 - Weekly	08 - COMP-8
					Permit Req.									Req Mon DAILY AV	<=	10.0 DAILY MX	28 - ug/L		01/07 - Weekly	08 - COMP-8
					Value NODI														
81574	**1,2-cis-Dichloroethylene**	1 - Effluent Gross	0	--	Sample								<	0.46	<	0.46	28 - ug/L	0	01/07 - Weekly	08 - COMP-8
					Permit Req.									Req Mon DAILY AV	<=	10.0 DAILY MX	28 - ug/L		01/07 - Weekly	08 - COMP-8
					Value NODI														

Submission Note

If a parameter row does not contain any values for the Sample nor Effluent Trading, then none of the following fields will be submitted for that row: Units, Number of Excursions, Frequency of Analysis, and Sample Type.

Edit Check Errors

Parameter		Monitoring Location	Field	Type	Description	Acknowledge
Code	Name					
01051	Lead, total [as Pb]	1 - Effluent Gross	Quality or Concentration Sample Value 3	Soft	The provided sample value is outside the permit limit. Please verify that the value you have provided is correct.	Yes

Comments

Lead (Total) was reported at 30 ug/L for the sample collected on January 4, 2023; data were received January 19, 2023. Following review and confirmation of the results with the laboratory, a re-sample was collected on January 25, 2023. The January 25, 2023 result was 18 ug/L, below the discharge criterion of 25 ug/L. Accounting for both samples, the average for the month, 24 ug/L, was also below the discharge criterion.

Attachments

Name	Type	Size
NY0001988_noncomprep_Lead_2023-01-04_signed.pdf	pdf	303231.0

Report Last Saved By

ELM HOLDINGS, INC

User: james.kaczor@aecom.com

Name:	James Kaczor
E-Mail:	james.kaczor@aecom.com
Date/Time:	2023-02-28 17:24 (Time Zone: -05:00)
Report Last Signed By	
User:	james.kaczor@aecom.com
Name:	James Kaczor
E-Mail:	james.kaczor@aecom.com
Date/Time:	2023-02-28 17:25 (Time Zone: -05:00)

Appendix B

SECTION 1

New York State Department of Environmental Conservation
Division of Water

Report of Noncompliance Event

To: DEC Water Contact Denine Jackson ***DEC Region:*** 9

Report Type: ___ *5 Day* ___ *Permit Violation* ___ *Order Violation* ___ *Anticipated Noncompliance* ___ *Bypass/Overflow* ✔ *Other*

SECTION 2

SPDES #: NY- 0001988 **Facility:** Former Carborundum Complex

Date of noncompliance: 01/04/2023 **Location (Outfall, Treatment Unit, or Pump Station):** 01-A

Description of noncompliance(s) and cause(s): Lead (Total) was reported at 30 ug/L for the sample collected on January 4, 2023; data were received January 19, 2023. Following review and confirmation of the results with the laboratory, a re-sample was collected on January 25, 2023. The January 25, 2023 result was 18 ug/L, below the discharge criterion of 25 ug/L. Accounting for both samples, the average for the month, 24 ug/L, was also below the discharge criterion.

Has event ceased? Yes **If so, when?** 01/25/2023 **Was event due to plant upset?** No **SPDES limits violated?** Yes

Start date, time of event: 01/04/2023, _____ am **End date, time of event:** 01/25/2023 _____ am

Date, time oral notification made to DEC? 02/28/2023, _____ am **DEC Official contacted:** Denine Jackson

Immediate corrective actions: Immediately following receipt of the January 4, 2023 data the automated data collection system was thoroughly re-checked for indications of potential wear or cross-contamination. A thorough review of system monitoring and maintenance standard operating procedures was also performed.

Preventive (long term) corrective actions: Plant staff have been advised to monitor the condition of the sample collection system for indications of potential wear or cross-contamination.

SECTION 3

Complete this section if event was a bypass:

Bypass amount: _____ Was prior DEC authorization received for this event? No

DEC Official contacted: _____ Date of DEC approval: _____

Describe event in "Description of noncompliance and cause" area in Section 2. Detail the start and end dates and times in Section 2 also.

SECTION 4

Facility Representative: James L. Kaczor **Title:** Attorney-in-Fact for Elm Holdings Inc. **Date:** 02/28/23

Phone #: (716) 856-5636 **Fax #:** (n/a)

I Certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

Kaczor, James Digitally signed by Kaczor, James Date: 2023.02.28 17:21:10 -05'00'

Signature of Principal Executive Officer or Authorized Agent

DMR Copy of Record

Permit					
Permit #:	**NY0001988**	**Permittee:**	ELM HOLDINGS, INC	**Facility:**	FORMER CARBORUNDUM COMPLEX
Major:	Yes	**Permittee Address:**	4850 EAST 49TH ST, MBC3-147 CUYAHOGA HEIGHTS, OH 44125	**Facility Location:**	2040 CORY DRIVE SANBORN, NY 14132
Permitted Feature:	01A External Outfall	**Discharge:**	**01A-M** GROUNDWATER TREATMENT SYSTEM		
Report Dates & Status					
Monitoring Period:	**From 02/01/23 to 02/28/23**	**DMR Due Date:**	**03/28/23**	**Status:**	**NetDMR Validated**
Considerations for Form Completion					
PLEASE REVIEW FOOTNOTES #1, #2, AND #3 OF PERMIT FOR DETAILED INSTRUCTIONS, AND ALSO REVIEW SPECIAL CONDITIONS INVOLVING CERTAIN PARAMETERS.					
Principal Executive Officer					
First Name:	William	**Title:**	Proj Mgr	**Telephone:**	216-271-8038
Last Name:	Barber				
No Data Indicator (NODI)					
Form NODI:	--				

Parameter		Monitoring Location	Season #	Param. NODI		Quantity or Loading					Quality or Concentration							# of Ex.	Frequency of Analysis	Sample Type
Code	Name					Qualifier 1	Value 1	Qualifier 2	Value 2	Units	Qualifier 1	Value 1	Qualifier 2	Value 2	Qualifier 3	Value 3	Units			
00011	**Temperature, water deg. fahrenheit**	1 - Effluent Gross	0	--	Sample										=	58.1	15 - deg F	0	01/30 - Monthly	GR - GRAB
					Permit Req.										<=	90.0 DAILY MX	15 - deg F		01/30 - Monthly	GR - GRAB
					Value NODI															
00056	**Flow rate**	1 - Effluent Gross	0	--	Sample	=	48069.0	=	54389.0	07 - gal/d								0	99/99 - Continuous	MT - METER
					Permit Req.		Req Mon DAILY AV	<=	144000.0 DAILY MX	07 - gal/d									99/99 - Continuous	MT - METER
					Value NODI															
00310	**BOD, 5-day, 20 deg. C**	1 - Effluent Gross	0	--	Sample								<=	2.2	=	2.3	19 - mg/L	0	02/30 - Twice Per Month	24 - COMP24
					Permit Req.									Req Mon DAILY AV	<=	5.0 DAILY MX	19 - mg/L		02/30 - Twice Per Month	24 - COMP24
					Value NODI															
00400	**pH**	1 - Effluent Gross	0	--	Sample						=	7.1			=	7.38	12 - SU	0	01/07 - Weekly	GR - GRAB
					Permit Req.						>=	6.5 MINIMUM			<=	8.5 MAXIMUM	12 - SU		01/07 - Weekly	GR - GRAB
					Value NODI															
00530	**Solids, total suspended**	1 - Effluent Gross	0	--	Sample								=	12.0	=	15.0	19 - mg/L	0	02/30 - Twice Per Month	24 - COMP24
					Permit Req.								<=	20.0 DAILY AV	<=	40.0 DAILY MX	19 - mg/L		02/30 - Twice Per Month	24 - COMP24
					Value NODI															
00556	**Oil & Grease**	1 - Effluent Gross	0	--	Sample								=	1.4	=	1.6	19 - mg/L	0	02/30 - Twice Per Month	GR - GRAB
					Permit Req.									Req Mon DAILY AV	<=	15.0 DAILY MX	19 - mg/L		02/30 - Twice Per Month	GR - GRAB
					Value NODI															
01002	**Arsenic, total [as As]**	1 - Effluent Gross	0	--	Sample										<	0.75	28 - ug/L	0	01/30 - Monthly	24 - COMP24
					Permit Req.										<=	150.0 DAILY MX	28 - ug/L		01/30 - Monthly	24 - COMP24
					Value NODI															
01027	**Cadmium, total [as Cd]**	1 - Effluent Gross	0	--	Sample										=	1.1	28 - ug/L	0	01/30 - Monthly	24 - COMP24
					Permit Req.										<=	3.9 DAILY MX	28 - ug/L		01/30 - Monthly	24 - COMP24
					Value NODI															
01034	**Chromium, total [as Cr]**	1 - Effluent Gross	0	--	Sample										<	2.5	28 - ug/L	0	01/30 - Monthly	24 - COMP24
					Permit Req.										<=	50.0 DAILY MX	28 - ug/L		01/30 - Monthly	24 - COMP24
					Value NODI															
01040	**Copper, dissolved [as Cu]**	1 - Effluent Gross	0	--	Sample										=	2.6	28 - ug/L	0	01/30 - Monthly	24 - COMP24
					Permit Req.											Req Mon DAILY MX	28 - ug/L		01/30 - Monthly	24 - COMP24
					Value NODI															
01042	**Copper, total [as Cu]**	1 - Effluent Gross	0	--	Sample										=	6.9	28 - ug/L	0	01/30 - Monthly	24 - COMP24
					Permit Req.										<=	19.0 DAILY MX	28 - ug/L		01/30 - Monthly	24 - COMP24
					Value NODI															
01045	**Iron, total [as Fe]**	1 - Effluent Gross	0	--	Sample										=	0.062	19 - mg/L	0	01/30 - Monthly	24 - COMP24
					Permit Req.										<=	1.0 DAILY MX	19 - mg/L		01/30 - Monthly	24 - COMP24
					Value NODI															
01051	**Lead, total [as Pb]**	1 - Effluent Gross	0	--	Sample										=	9.3	28 - ug/L	0	01/30 - Monthly	24 - COMP24
					Permit Req.										<=	25.0 DAILY MX	28 - ug/L		01/30 - Monthly	24 - COMP24
					Value NODI															

01090	**Zinc, dissolved [as Zn]**	1 - Effluent Gross	0	--	Sample									=	1.2	19 - mg/L	0	01/30 - Monthly	24 - COMP24
					Permit Req.										Req Mon DAILY MX	19 - mg/L		01/30 - Monthly	24 - COMP24
					Value NODI														
01092	**Zinc, total [as Zn]**	1 - Effluent Gross	0	--	Sample									=	1.3	19 - mg/L	0	01/30 - Monthly	24 - COMP24
					Permit Req.									<=	2.0 DAILY MX	19 - mg/L		01/30 - Monthly	24 - COMP24
					Value NODI														
32103	**1,2-Dichloroethane**	1 - Effluent Gross	0	--	Sample							<	0.21	<	0.21	28 - ug/L	0	01/07 - Weekly	08 - COMP-8
					Permit Req.								Req Mon DAILY AV	<=	10.0 DAILY MX	28 - ug/L		01/07 - Weekly	08 - COMP-8
					Value NODI														
32106	**Chloroform**	1 - Effluent Gross	0	--	Sample							<	0.47	<	0.47	28 - ug/L	0	01/07 - Weekly	08 - COMP-8
					Permit Req.								Req Mon DAILY AV	<=	10.0 DAILY MX	28 - ug/L		01/07 - Weekly	08 - COMP-8
					Value NODI														
34423	**Methylene chloride**	1 - Effluent Gross	0	--	Sample							<	2.6	<	2.6	28 - ug/L	0	01/07 - Weekly	08 - COMP-8
					Permit Req.								Req Mon DAILY AV	<=	10.0 DAILY MX	28 - ug/L		01/07 - Weekly	08 - COMP-8
					Value NODI														
34496	**1,1-Dichloroethane**	1 - Effluent Gross	0	--	Sample							<	0.47	<	0.47	28 - ug/L	0	01/07 - Weekly	08 - COMP-8
					Permit Req.								Req Mon DAILY AV	<=	10.0 DAILY MX	28 - ug/L		01/07 - Weekly	08 - COMP-8
					Value NODI														
34501	**1,1-Dichloroethylene**	1 - Effluent Gross	0	--	Sample							<	0.49	<	0.49	28 - ug/L	0	01/07 - Weekly	08 - COMP-8
					Permit Req.								Req Mon DAILY AV	<=	10.0 DAILY MX	28 - ug/L		01/07 - Weekly	08 - COMP-8
					Value NODI														
34506	**1,1,1-Trichloroethane**	1 - Effluent Gross	0	--	Sample							<	0.48	<	0.48	28 - ug/L	0	01/07 - Weekly	08 - COMP-8
					Permit Req.								Req Mon DAILY AV	<=	10.0 DAILY MX	28 - ug/L		01/07 - Weekly	08 - COMP-8
					Value NODI														
34546	**trans-1,2-Dichloroethylene**	1 - Effluent Gross	0	--	Sample							<	0.51	<	0.51	28 - ug/L	0	01/07 - Weekly	08 - COMP-8
					Permit Req.								Req Mon DAILY AV	<=	10.0 DAILY MX	28 - ug/L		01/07 - Weekly	08 - COMP-8
					Value NODI														
39175	**Vinyl chloride**	1 - Effluent Gross	0	--	Sample							<	0.45	<	0.45	28 - ug/L	0	02/30 - Twice Per Month	08 - COMP-8
					Permit Req.								Req Mon DAILY AV	<=	10.0 DAILY MX	28 - ug/L		02/30 - Twice Per Month	08 - COMP-8
					Value NODI														
46000	**Phenols**	1 - Effluent Gross	0	--	Sample							<	1.0	<	1.0	28 - ug/L	0	02/30 - Twice Per Month	24 - COMP24
					Permit Req.								Req Mon DAILY AV	<=	5.0 DAILY MX	28 - ug/L		02/30 - Twice Per Month	24 - COMP24
					Value NODI														
50060	**Chlorine, total residual**	1 - Effluent Gross	0	--	Sample									<	0.01	19 - mg/L	0	01/30 - Monthly	GR - GRAB
					Permit Req.									<=	0.1 DAILY MX	19 - mg/L		01/30 - Monthly	GR - GRAB
					Value NODI														
78391	**Trichloroethene**	1 - Effluent Gross	0	--	Sample							=	0.56	=	0.62	28 - ug/L	0	01/07 - Weekly	08 - COMP-8
					Permit Req.								Req Mon DAILY AV	<=	10.0 DAILY MX	28 - ug/L		01/07 - Weekly	08 - COMP-8
					Value NODI														
81574	**1,2-cis-Dichloroethylene**	1 - Effluent Gross	0	--	Sample							<	0.46	<	0.46	28 - ug/L	0	01/07 - Weekly	08 - COMP-8
					Permit Req.								Req Mon DAILY AV	<=	10.0 DAILY MX	28 - ug/L		01/07 - Weekly	08 - COMP-8
					Value NODI														

Submission Note

If a parameter row does not contain any values for the Sample nor Effluent Trading, then none of the following fields will be submitted for that row: Units, Number of Excursions, Frequency of Analysis, and Sample Type.

Edit Check Errors

No errors.

Comments

Attachments

No attachments.

Report Last Saved By

ELM HOLDINGS, INC

User:	james.kaczor@aecom.com
Name:	James Kaczor
E-Mail:	james.kaczor@aecom.com
Date/Time:	2023-03-27 21:58 (Time Zone: -04:00)

Report Last Signed By

User:	james.kaczor@aecom.com

Name:	James Kaczor
E-Mail:	james.kaczor@aecom.com
Date/Time:	2023-03-28 17:04 (Time Zone: -04:00)

DMR Copy of Record

Permit					
Permit #:	**NY0001988**	**Permittee:**	ELM HOLDINGS, INC	**Facility:**	FORMER CARBORUNDUM COMPLEX
Major:	Yes	**Permittee Address:**	4850 EAST 49TH ST, MBC3-147 CUYAHOGA HEIGHTS, OH 44125	**Facility Location:**	2040 CORY DRIVE SANBORN, NY 14132
Permitted Feature:	01A External Outfall	**Discharge:**	**01A-M** GROUNDWATER TREATMENT SYSTEM		
Report Dates & Status					
Monitoring Period:	**From 03/01/23 to 03/31/23**	**DMR Due Date:**	**04/28/23**	**Status:**	**NetDMR Validated**
Considerations for Form Completion					
PLEASE REVIEW FOOTNOTES #1, #2, AND #3 OF PERMIT FOR DETAILED INSTRUCTIONS, AND ALSO REVIEW SPECIAL CONDITIONS INVOLVING CERTAIN PARAMETERS.					
Principal Executive Officer					
First Name:	William	**Title:**	Proj Mgr	**Telephone:**	216-271-8038
Last Name:	Barber				
No Data Indicator (NODI)					
Form NODI:	--				

Parameter		Monitoring Location	Season #	Param. NODI		Quantity or Loading					Quality or Concentration						# of Ex.	Frequency of Analysis	Sample Type
Code	Name					Qualifier 1	Value 1	Qualifier 2	Value 2	Units	Qualifier 1	Value 1	Qualifier 2	Value 2	Qualifier 3	Value 3	Units			
00011	**Temperature, water deg. fahrenheit**	1 - Effluent Gross	0	--	Sample										=	58.6	15 - deg F	0	01/30 - Monthly	GR - GRAB
					Permit Req.										<=	90.0 DAILY MX	15 - deg F		01/30 - Monthly	GR - GRAB
					Value NODI															
00056	**Flow rate**	1 - Effluent Gross	0	--	Sample	=	26769.0	=	52855.0	07 - gal/d								0	99/99 - Continuous	MT - METER
					Permit Req.		Req Mon DAILY AV	<=	144000.0 DAILY MX	07 - gal/d									99/99 - Continuous	MT - METER
					Value NODI															
00310	**BOD, 5-day, 20 deg. C**	1 - Effluent Gross	0	--	Sample								<	2.0	<	2.0	19 - mg/L	0	02/30 - Twice Per Month	24 - COMP24
					Permit Req.									Req Mon DAILY AV	<=	5.0 DAILY MX	19 - mg/L		02/30 - Twice Per Month	24 - COMP24
					Value NODI															
00400	**pH**	1 - Effluent Gross	0	--	Sample						=	7.26			=	7.94	12 - SU	0	01/07 - Weekly	GR - GRAB
					Permit Req.						>=	6.5 MINIMUM			<=	8.5 MAXIMUM	12 - SU		01/07 - Weekly	GR - GRAB
					Value NODI															
00530	**Solids, total suspended**	1 - Effluent Gross	0	--	Sample								=	7.2	=	7.5	19 - mg/L	0	02/30 - Twice Per Month	24 - COMP24
					Permit Req.								<=	20.0 DAILY AV	<=	40.0 DAILY MX	19 - mg/L		02/30 - Twice Per Month	24 - COMP24
					Value NODI															
00556	**Oil & Grease**	1 - Effluent Gross	0	--	Sample								=	1.2	=	1.4	19 - mg/L	0	02/30 - Twice Per Month	GR - GRAB
					Permit Req.									Req Mon DAILY AV	<=	15.0 DAILY MX	19 - mg/L		02/30 - Twice Per Month	GR - GRAB
					Value NODI															
01002	**Arsenic, total [as As]**	1 - Effluent Gross	0	--	Sample										=	0.94	28 - ug/L	0	01/30 - Monthly	24 - COMP24
					Permit Req.										<=	150.0 DAILY MX	28 - ug/L		01/30 - Monthly	24 - COMP24
					Value NODI															
01027	**Cadmium, total [as Cd]**	1 - Effluent Gross	0	--	Sample										=	1.3	28 - ug/L	0	01/30 - Monthly	24 - COMP24
					Permit Req.										<=	3.9 DAILY MX	28 - ug/L		01/30 - Monthly	24 - COMP24
					Value NODI															
01034	**Chromium, total [as Cr]**	1 - Effluent Gross	0	--	Sample										<	2.5	28 - ug/L	0	01/30 - Monthly	24 - COMP24
					Permit Req.										<=	50.0 DAILY MX	28 - ug/L		01/30 - Monthly	24 - COMP24
					Value NODI															
01040	**Copper, dissolved [as Cu]**	1 - Effluent Gross	0	--	Sample										<	1.7	28 - ug/L	0	01/30 - Monthly	24 - COMP24
					Permit Req.											Req Mon DAILY MX	28 - ug/L		01/30 - Monthly	24 - COMP24
					Value NODI															
01042	**Copper, total [as Cu]**	1 - Effluent Gross	0	--	Sample										=	3.9	28 - ug/L	0	01/30 - Monthly	24 - COMP24
					Permit Req.										<=	19.0 DAILY MX	28 - ug/L		01/30 - Monthly	24 - COMP24
					Value NODI															
01045	**Iron, total [as Fe]**	1 - Effluent Gross	0	--	Sample										=	0.13	19 - mg/L	0	01/30 - Monthly	24 - COMP24
					Permit Req.										<=	1.0 DAILY MX	19 - mg/L		01/30 - Monthly	24 - COMP24
					Value NODI															
X 01051	**Lead, total [as Pb]**	1 - Effluent Gross	0	--	Sample										=	29.0	28 - ug/L	1	01/30 - Monthly	24 - COMP24
					Permit Req.										<=	25.0 DAILY MX	28 - ug/L		01/30 - Monthly	24 - COMP24
					Value NODI															

01090	**Zinc, dissolved [as Zn]**	1 - Effluent Gross	0	--	Sample									=	1.2	19 - mg/L	0	01/30 - Monthly	24 - COMP24
					Permit Req.										Req Mon DAILY MX	19 - mg/L		01/30 - Monthly	24 - COMP24
					Value NODI														
01092	**Zinc, total [as Zn]**	1 - Effluent Gross	0	--	Sample									=	1.4	19 - mg/L	0	01/30 - Monthly	24 - COMP24
					Permit Req.									<=	2.0 DAILY MX	19 - mg/L		01/30 - Monthly	24 - COMP24
					Value NODI														
32103	**1,2-Dichloroethane**	1 - Effluent Gross	0	--	Sample								<	0.21	<	0.21	28 - ug/L	0	01/07 - Weekly	08 - COMP-8
					Permit Req.									Req Mon DAILY AV	<=	10.0 DAILY MX	28 - ug/L		01/07 - Weekly	08 - COMP-8
					Value NODI														
32106	**Chloroform**	1 - Effluent Gross	0	--	Sample								<	0.47	<	0.47	28 - ug/L	0	01/07 - Weekly	08 - COMP-8
					Permit Req.									Req Mon DAILY AV	<=	10.0 DAILY MX	28 - ug/L		01/07 - Weekly	08 - COMP-8
					Value NODI														
34423	**Methylene chloride**	1 - Effluent Gross	0	--	Sample								<	2.6	<	2.6	28 - ug/L	0	01/07 - Weekly	08 - COMP-8
					Permit Req.									Req Mon DAILY AV	<=	10.0 DAILY MX	28 - ug/L		01/07 - Weekly	08 - COMP-8
					Value NODI														
34496	**1,1-Dichloroethane**	1 - Effluent Gross	0	--	Sample								<	0.47	<	0.47	28 - ug/L	0	01/07 - Weekly	08 - COMP-8
					Permit Req.									Req Mon DAILY AV	<=	10.0 DAILY MX	28 - ug/L		01/07 - Weekly	08 - COMP-8
					Value NODI														
34501	**1,1-Dichloroethylene**	1 - Effluent Gross	0	--	Sample								<	0.49	<	0.49	28 - ug/L	0	01/07 - Weekly	08 - COMP-8
					Permit Req.									Req Mon DAILY AV	<=	10.0 DAILY MX	28 - ug/L		01/07 - Weekly	08 - COMP-8
					Value NODI														
34506	**1,1,1-Trichloroethane**	1 - Effluent Gross	0	--	Sample								<	0.48	<	0.48	28 - ug/L	0	01/07 - Weekly	08 - COMP-8
					Permit Req.									Req Mon DAILY AV	<=	10.0 DAILY MX	28 - ug/L		01/07 - Weekly	08 - COMP-8
					Value NODI														
34546	**trans-1,2-Dichloroethylene**	1 - Effluent Gross	0	--	Sample								<	0.51	<	0.51	28 - ug/L	0	01/07 - Weekly	08 - COMP-8
					Permit Req.									Req Mon DAILY AV	<=	10.0 DAILY MX	28 - ug/L		01/07 - Weekly	08 - COMP-8
					Value NODI														
39175	**Vinyl chloride**	1 - Effluent Gross	0	--	Sample								<	0.45	<	0.45	28 - ug/L	0	02/30 - Twice Per Month	08 - COMP-8
					Permit Req.									Req Mon DAILY AV	<=	10.0 DAILY MX	28 - ug/L		02/30 - Twice Per Month	08 - COMP-8
					Value NODI														
46000	**Phenols**	1 - Effluent Gross	0	--	Sample								<	1.0	<	1.0	28 - ug/L	0	02/30 - Twice Per Month	24 - COMP24
					Permit Req.									Req Mon DAILY AV	<=	5.0 DAILY MX	28 - ug/L		02/30 - Twice Per Month	24 - COMP24
					Value NODI														
50060	**Chlorine, total residual**	1 - Effluent Gross	0	--	Sample										<	0.01	19 - mg/L	0	01/30 - Monthly	GR - GRAB
					Permit Req.										<=	0.1 DAILY MX	19 - mg/L		01/30 - Monthly	GR - GRAB
					Value NODI														
78391	**Trichloroethene**	1 - Effluent Gross	0	--	Sample								=	0.72	=	0.91	28 - ug/L	0	01/07 - Weekly	08 - COMP-8
					Permit Req.									Req Mon DAILY AV	<=	10.0 DAILY MX	28 - ug/L		01/07 - Weekly	08 - COMP-8
					Value NODI														
81574	**1,2-cis-Dichloroethylene**	1 - Effluent Gross	0	--	Sample								<	0.46	<	0.46	28 - ug/L	0	01/07 - Weekly	08 - COMP-8
					Permit Req.									Req Mon DAILY AV	<=	10.0 DAILY MX	28 - ug/L		01/07 - Weekly	08 - COMP-8
					Value NODI														

Submission Note

If a parameter row does not contain any values for the Sample nor Effluent Trading, then none of the following fields will be submitted for that row: Units, Number of Excursions, Frequency of Analysis, and Sample Type.

Edit Check Errors

Parameter		Monitoring Location	Field	Type	Description	Acknowledge
Code	Name					
01051	Lead, total [as Pb]	1 - Effluent Gross	Quality or Concentration Sample Value 3	Soft	The provided sample value is outside the permit limit. Please verify that the value you have provided is correct.	Yes

Comments

Lead (Total) was reported at 29 ug/L for the sample collected on March 1, 2023; data were received March 16, 2023. Following review and confirmation of the results with the laboratory, a re-sample was collected on March 21, 2023. The March 21, 2023 result was 14 ug/L, below the discharge criterion of 25 ug/L. Accounting for both samples, the average for the month, 21.5 ug/L, was also below the discharge criterion.

Attachments

Name	Type	Size
NY0001988_noncomprep_TotalLead_2023-03-01.pdf	pdf	137279.0

Report Last Saved By

ELM HOLDINGS, INC

User: james.kaczor@aecom.com

Name:	James Kaczor
E-Mail:	james.kaczor@aecom.com
Date/Time:	2023-04-28 15:51 (Time Zone: -04:00)
Report Last Signed By	
User:	james.kaczor@aecom.com
Name:	James Kaczor
E-Mail:	james.kaczor@aecom.com
Date/Time:	2023-04-28 15:52 (Time Zone: -04:00)

DMR Copy of Record

Permit

Permit #:	**NY0001988**	**Permittee:**	ELM HOLDINGS, INC	**Facility:**	FORMER CARBORUNDUM COMPLEX
Major:	Yes	**Permittee Address:**	4850 EAST 49TH ST, MBC3-147 CUYAHOGA HEIGHTS, OH 44125	**Facility Location:**	2040 CORY DRIVE SANBORN, NY 14132
Permitted Feature:	01A External Outfall	**Discharge:**	**01A-Q** GROUNDWATER TREATMENT SYSTEM		

Report Dates & Status

Monitoring Period:	**From 01/01/23 to 03/31/23**	**DMR Due Date:**	**04/28/23**	**Status:**	**NetDMR Validated**

Considerations for Form Completion

Principal Executive Officer

First Name:	William	**Title:**	Proj Mgr	**Telephone:**	216-271-8038
Last Name:	Barber				

No Data Indicator (NODI)

Form NODI: --

Parameter		Monitoring Location	Season #	Param. NODI		Quantity or Loading					Quality or Concentration							# of Ex.	Frequency of Analysis	Sample Type
Code	Name					Qualifier 1	Value 1	Qualifier 2	Value 2	Units	Qualifier 1	Value 1	Qualifier 2	Value 2	Qualifier 3	Value 3	Units			
01067	**Nickel, total [as Ni]**	1 - Effluent Gross	0	--	Sample										=	9.3	28 - ug/L	0	01/90 - Quarterly	24 - COMP24
					Permit Req.											Req Mon DAILY MX	28 - ug/L		01/90 - Quarterly	24 - COMP24
					Value NODI															
01077	**Silver, total [as Ag]**	1 - Effluent Gross	0	--	Sample										<	0.053	28 - ug/L	0	01/90 - Quarterly	24 - COMP24
					Permit Req.											Req Mon DAILY MX	28 - ug/L		01/90 - Quarterly	24 - COMP24
					Value NODI															

Submission Note

If a parameter row does not contain any values for the Sample nor Effluent Trading, then none of the following fields will be submitted for that row: Units, Number of Excursions, Frequency of Analysis, and Sample Type.

Edit Check Errors

No errors.

Comments

Attachments

No attachments.

Report Last Saved By

ELM HOLDINGS, INC

User:	james.kaczor@aecom.com
Name:	James Kaczor
E-Mail:	james.kaczor@aecom.com
Date/Time:	2023-04-24 21:20 (Time Zone: -04:00)

Report Last Signed By

User:	james.kaczor@aecom.com
Name:	James Kaczor
E-Mail:	james.kaczor@aecom.com
Date/Time:	2023-04-28 15:50 (Time Zone: -04:00)

DMR Copy of Record

Permit

Permit #:	**NY0001988**	**Permittee:**	ELM HOLDINGS, INC	**Facility:**	FORMER CARBORUNDUM COMPLEX
Major:	Yes	**Permittee Address:**	4850 EAST 49TH ST, MBC3-147 CUYAHOGA HEIGHTS, OH 44125	**Facility Location:**	2040 CORY DRIVE SANBORN, NY 14132
Permitted Feature:	01A External Outfall	**Discharge:**	**01A-V** OUTFALL 01A ACTION LEVELS		

Report Dates & Status

Monitoring Period:	**From 01/01/23 to 03/31/23**	**DMR Due Date:**	**04/28/23**	**Status:**	**NetDMR Validated**

Considerations for Form Completion

Principal Executive Officer

First Name:	William	**Title:**	Proj Mgr	**Telephone:**	216-271-8038
Last Name:	Barber				

No Data Indicator (NODI)

Form NODI: --

Parameter		Monitoring Location	Season #	Param. NODI		Quantity or Loading					Quality or Concentration							# of Ex.	Frequency of Analysis	Sample Type
Code	Name					Qualifier 1	Value 1	Qualifier 2	Value 2	Units	Qualifier 1	Value 1	Qualifier 2	Value 2	Qualifier 3	Value 3	Units			
01067	**Nickel, total [as Ni]**	V - See Comments	0	--	Sample			=	0.002076	26 - lb/d								0	01/90 - Quarterly	24 - COMP24
					Permit Req.			<=	0.026 DAILY MX	26 - lb/d									01/90 - Quarterly	24 - COMP24
					Value NODI															
01077	**Silver, total [as Ag]**	V - See Comments	0	--	Sample			<	0.0000118	26 - lb/d								0	01/90 - Quarterly	24 - COMP24
					Permit Req.			<=	0.006 DAILY MX	26 - lb/d									01/90 - Quarterly	24 - COMP24
					Value NODI															

Submission Note

If a parameter row does not contain any values for the Sample nor Effluent Trading, then none of the following fields will be submitted for that row: Units, Number of Excursions, Frequency of Analysis, and Sample Type.

Edit Check Errors

No errors.

Comments

Attachments

No attachments.

Report Last Saved By

ELM HOLDINGS, INC

User:	james.kaczor@aecom.com
Name:	James Kaczor
E-Mail:	james.kaczor@aecom.com
Date/Time:	2023-04-26 12:10 (Time Zone: -04:00)

Report Last Signed By

User:	james.kaczor@aecom.com
Name:	James Kaczor
E-Mail:	james.kaczor@aecom.com
Date/Time:	2023-04-28 15:49 (Time Zone: -04:00)

Appendix B

SECTION 1

New York State Department of Environmental Conservation
Division of Water

Report of Noncompliance Event

To: DEC Water Contact Denine Jackson ***DEC Region:*** 9

Report Type: ___ *5 Day* ___ *Permit Violation* ___ *Order Violation* ___ *Anticipated Noncompliance* ___ *Bypass/Overflow* ✓ *Other*

SECTION 2

SPDES #: NY- 0001988 **Facility:** Former Carborundum Complex

Date of noncompliance: 03/01/2023 **Location (Outfall, Treatment Unit, or Pump Station):** 01-A

Description of noncompliance(s) and cause(s): Lead (Total) was reported at 29 ug/L for the sample collected on March 1, 2023; data were received March 16, 2023. Following review and confirmation of the results with the laboratory, a re-sample was collected on March 21, 2023. The March 21, 2023 result was 14 ug/L, below the discharge criterion of 25 ug/L. Accounting for both samples, the average for the month, 21.5 ug/L, was also below the discharge criterion.

Has event ceased? Yes **If so, when?** 03/21/2023 **Was event due to plant upset?** No **SPDES limits violated?** Yes

Start date, time of event: 03/10/2023 _____ am **End date, time of event:** 03/16/2023 _____ am

Date, time oral notification made to DEC? 04/28/2023 _____ am **DEC Official contacted:** Denine Jackson

Immediate corrective actions: Immediately following receipt of the March 1, 2023 data the treatment system was thoroughly checked for potential concerns, including inspection of bag filters and system components. As a precaution, a cleaning of the treated water effluent tanks was scheduled and was performed April 4, 2023. The monthly metals sample for April 2023 was collected April 13, 2023 and the lead result was 24 ug/L, continuing to be below the permit criterion of 25 ug/L.

Preventive (long term) corrective actions: Plant staff have been advised to monitor the condition of the treatment system for indications of potential wear or cross-contamination. In researching potential concerns related to this event, it was noted that prior communications between NYSDEC and the permit holder regarding naturally occurring lead concentrations in groundwater up to 34 ug/L had taken place. See correspondence from Mark Raybuck (Parsons) to Catherine Hardison (NYSDEC) dated August 13, 2010.

SECTION 3

Complete this section if event was a bypass:

Bypass amount: _____ Was prior DEC authorization received for this event? No

DEC Official contacted: _____ Date of DEC approval: _____

Describe event in "Description of noncompliance and cause" area in Section 2. Detail the start and end dates and times in Section 2 also.

SECTION 4

Facility Representative: James L. Kaczor **Title:** Attorney-in-Fact for Elm Holdings Inc. **Date:** 04/28/23

Phone #: (716) 856-5636 **Fax #:** (n/a)

I Certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

Kaczor, James Digitally signed by Kaczor, James Date: 2023.04.28 14:17:35 -04'00'

Signature of Principal Executive Officer or Authorized Agent

DMR Copy of Record

Permit					
Permit #:	**NY0001988**	**Permittee:**	ELM HOLDINGS, INC	**Facility:**	FORMER CARBORUNDUM COMPLEX
Major:	Yes	**Permittee Address:**	4850 EAST 49TH ST, MBC3-147 CUYAHOGA HEIGHTS, OH 44125	**Facility Location:**	2040 CORY DRIVE SANBORN, NY 14132
Permitted Feature:	01A External Outfall	**Discharge:**	**01A-M** GROUNDWATER TREATMENT SYSTEM		
Report Dates & Status					
Monitoring Period:	**From 04/01/23 to 04/30/23**	**DMR Due Date:**	**05/28/23**	**Status:**	**NetDMR Validated**
Considerations for Form Completion					
PLEASE REVIEW FOOTNOTES #1, #2, AND #3 OF PERMIT FOR DETAILED INSTRUCTIONS, AND ALSO REVIEW SPECIAL CONDITIONS INVOLVING CERTAIN PARAMETERS.					
Principal Executive Officer					
First Name:	William	**Title:**	Proj Mgr	**Telephone:**	216-271-8038
Last Name:	Barber				
No Data Indicator (NODI)					
Form NODI:	--				

Parameter		Monitoring Location	Season #	Param. NODI		Quantity or Loading					Quality or Concentration							# of Ex.	Frequency of Analysis	Sample Type
Code	Name					Qualifier 1	Value 1	Qualifier 2	Value 2	Units	Qualifier 1	Value 1	Qualifier 2	Value 2	Qualifier 3	Value 3	Units			
00011	**Temperature, water deg. fahrenheit**	1 - Effluent Gross	0	--	Sample										=	60.4	15 - deg F	0	01/30 - Monthly	GR - GRAB
					Permit Req.										<=	90.0 DAILY MX	15 - deg F		01/30 - Monthly	GR - GRAB
					Value NODI															
00056	**Flow rate**	1 - Effluent Gross	0	--	Sample	=	23679.0	=	31399.0	07 - gal/d								0	99/99 - Continuous	MT - METER
					Permit Req.		Req Mon DAILY AV	<=	144000.0 DAILY MX	07 - gal/d									99/99 - Continuous	MT - METER
					Value NODI															
00310	**BOD, 5-day, 20 deg. C**	1 - Effluent Gross	0	--	Sample								<	2.0	<	2.0	19 - mg/L	0	02/30 - Twice Per Month	24 - COMP24
					Permit Req.									Req Mon DAILY AV	<=	5.0 DAILY MX	19 - mg/L		02/30 - Twice Per Month	24 - COMP24
					Value NODI															
00400	**pH**	1 - Effluent Gross	0	--	Sample						=	7.24			=	7.32	12 - SU	0	01/07 - Weekly	GR - GRAB
					Permit Req.						>=	6.5 MINIMUM			<=	8.5 MAXIMUM	12 - SU		01/07 - Weekly	GR - GRAB
					Value NODI															
00530	**Solids, total suspended**	1 - Effluent Gross	0	--	Sample								=	2.7	=	4.9	19 - mg/L	0	02/30 - Twice Per Month	24 - COMP24
					Permit Req.								<=	20.0 DAILY AV	<=	40.0 DAILY MX	19 - mg/L		02/30 - Twice Per Month	24 - COMP24
					Value NODI															
00556	**Oil & Grease**	1 - Effluent Gross	0	--	Sample								=	2.0	=	2.1	19 - mg/L	0	02/30 - Twice Per Month	GR - GRAB
					Permit Req.									Req Mon DAILY AV	<=	15.0 DAILY MX	19 - mg/L		02/30 - Twice Per Month	GR - GRAB
					Value NODI															
01002	**Arsenic, total [as As]**	1 - Effluent Gross	0	--	Sample										<	0.75	28 - ug/L	0	01/30 - Monthly	24 - COMP24
					Permit Req.										<=	150.0 DAILY MX	28 - ug/L		01/30 - Monthly	24 - COMP24
					Value NODI															
01027	**Cadmium, total [as Cd]**	1 - Effluent Gross	0	--	Sample										=	1.1	28 - ug/L	0	01/30 - Monthly	24 - COMP24
					Permit Req.										<=	3.9 DAILY MX	28 - ug/L		01/30 - Monthly	24 - COMP24
					Value NODI															
01034	**Chromium, total [as Cr]**	1 - Effluent Gross	0	--	Sample										<	1.2	28 - ug/L	0	01/30 - Monthly	24 - COMP24
					Permit Req.										<=	50.0 DAILY MX	28 - ug/L		01/30 - Monthly	24 - COMP24
					Value NODI															
01040	**Copper, dissolved [as Cu]**	1 - Effluent Gross	0	--	Sample										=	1.9	28 - ug/L	0	01/30 - Monthly	24 - COMP24
					Permit Req.											Req Mon DAILY MX	28 - ug/L		01/30 - Monthly	24 - COMP24
					Value NODI															
01042	**Copper, total [as Cu]**	1 - Effluent Gross	0	--	Sample										=	4.0	28 - ug/L	0	01/30 - Monthly	24 - COMP24
					Permit Req.										<=	19.0 DAILY MX	28 - ug/L		01/30 - Monthly	24 - COMP24
					Value NODI															
01045	**Iron, total [as Fe]**	1 - Effluent Gross	0	--	Sample										=	0.11	19 - mg/L	0	01/30 - Monthly	24 - COMP24
					Permit Req.										<=	1.0 DAILY MX	19 - mg/L		01/30 - Monthly	24 - COMP24
					Value NODI															
01051	**Lead, total [as Pb]**	1 - Effluent Gross	0	--	Sample										=	24.0	28 - ug/L	0	01/30 - Monthly	24 - COMP24
					Permit Req.										<=	25.0 DAILY MX	28 - ug/L		01/30 - Monthly	24 - COMP24
					Value NODI															

01090	**Zinc, dissolved [as Zn]**	1 - Effluent Gross	0	--	Sample										=	1.2	19 - mg/L	0	01/30 - Monthly	24 - COMP24
					Permit Req.											Req Mon DAILY MX	19 - mg/L		01/30 - Monthly	24 - COMP24
					Value NODI															
01092	**Zinc, total [as Zn]**	1 - Effluent Gross	0	--	Sample										=	1.4	19 - mg/L	0	01/30 - Monthly	24 - COMP24
					Permit Req.										<=	2.0 DAILY MX	19 - mg/L		01/30 - Monthly	24 - COMP24
					Value NODI															
32103	**1,2-Dichloroethane**	1 - Effluent Gross	0	--	Sample								<	0.21	<	0.21	28 - ug/L	0	01/07 - Weekly	08 - COMP-8
					Permit Req.									Req Mon DAILY AV	<=	10.0 DAILY MX	28 - ug/L		01/07 - Weekly	08 - COMP-8
					Value NODI															
32106	**Chloroform**	1 - Effluent Gross	0	--	Sample								<	0.47	<	0.47	28 - ug/L	0	01/07 - Weekly	08 - COMP-8
					Permit Req.									Req Mon DAILY AV	<=	10.0 DAILY MX	28 - ug/L		01/07 - Weekly	08 - COMP-8
					Value NODI															
34423	**Methylene chloride**	1 - Effluent Gross	0	--	Sample								<	2.6	<	2.6	28 - ug/L	0	01/07 - Weekly	08 - COMP-8
					Permit Req.									Req Mon DAILY AV	<=	10.0 DAILY MX	28 - ug/L		01/07 - Weekly	08 - COMP-8
					Value NODI															
34496	**1,1-Dichloroethane**	1 - Effluent Gross	0	--	Sample								<	0.47	<	0.47	28 - ug/L	0	01/07 - Weekly	08 - COMP-8
					Permit Req.									Req Mon DAILY AV	<=	10.0 DAILY MX	28 - ug/L		01/07 - Weekly	08 - COMP-8
					Value NODI															
34501	**1,1-Dichloroethylene**	1 - Effluent Gross	0	--	Sample								<	0.49	<	0.49	28 - ug/L	0	01/07 - Weekly	08 - COMP-8
					Permit Req.									Req Mon DAILY AV	<=	10.0 DAILY MX	28 - ug/L		01/07 - Weekly	08 - COMP-8
					Value NODI															
34506	**1,1,1-Trichloroethane**	1 - Effluent Gross	0	--	Sample								<	0.48	<	0.48	28 - ug/L	0	01/07 - Weekly	08 - COMP-8
					Permit Req.									Req Mon DAILY AV	<=	10.0 DAILY MX	28 - ug/L		01/07 - Weekly	08 - COMP-8
					Value NODI															
34546	**trans-1,2-Dichloroethylene**	1 - Effluent Gross	0	--	Sample								<	0.51	<	0.51	28 - ug/L	0	01/07 - Weekly	08 - COMP-8
					Permit Req.									Req Mon DAILY AV	<=	10.0 DAILY MX	28 - ug/L		01/07 - Weekly	08 - COMP-8
					Value NODI															
39175	**Vinyl chloride**	1 - Effluent Gross	0	--	Sample								<	0.45	<	0.45	28 - ug/L	0	02/30 - Twice Per Month	08 - COMP-8
					Permit Req.									Req Mon DAILY AV	<=	10.0 DAILY MX	28 - ug/L		02/30 - Twice Per Month	08 - COMP-8
					Value NODI															
46000	**Phenols**	1 - Effluent Gross	0	--	Sample								<	2.0	<	2.0	28 - ug/L	0	02/30 - Twice Per Month	24 - COMP24
					Permit Req.									Req Mon DAILY AV	<=	5.0 DAILY MX	28 - ug/L		02/30 - Twice Per Month	24 - COMP24
					Value NODI															
50060	**Chlorine, total residual**	1 - Effluent Gross	0	--	Sample										=	0.03	19 - mg/L	0	01/30 - Monthly	GR - GRAB
					Permit Req.										<=	0.1 DAILY MX	19 - mg/L		01/30 - Monthly	GR - GRAB
					Value NODI															
78391	**Trichloroethene**	1 - Effluent Gross	0	--	Sample								=	0.9	=	1.1	28 - ug/L	0	01/07 - Weekly	08 - COMP-8
					Permit Req.									Req Mon DAILY AV	<=	10.0 DAILY MX	28 - ug/L		01/07 - Weekly	08 - COMP-8
					Value NODI															
81574	**1,2-cis-Dichloroethylene**	1 - Effluent Gross	0	--	Sample								=	0.6	=	0.65	28 - ug/L	0	01/07 - Weekly	08 - COMP-8
					Permit Req.									Req Mon DAILY AV	<=	10.0 DAILY MX	28 - ug/L		01/07 - Weekly	08 - COMP-8
					Value NODI															

Submission Note

If a parameter row does not contain any values for the Sample nor Effluent Trading, then none of the following fields will be submitted for that row: Units, Number of Excursions, Frequency of Analysis, and Sample Type.

Edit Check Errors

No errors.

Comments

Attachments

No attachments.

Report Last Saved By

ELM HOLDINGS, INC

User:	james.kaczor@aecom.com
Name:	James Kaczor
E-Mail:	james.kaczor@aecom.com
Date/Time:	2023-05-23 14:02 (Time Zone: -04:00)

Report Last Signed By

User:	james.kaczor@aecom.com

Name:	James Kaczor
E-Mail:	james.kaczor@aecom.com
Date/Time:	2023-05-28 20:11 (Time Zone: -04:00)

DMR Copy of Record

Permit					
Permit #:	**NY0001988**	**Permittee:**	ELM HOLDINGS, INC	**Facility:**	FORMER CARBORUNDUM COMPLEX
Major:	Yes	**Permittee Address:**	4850 EAST 49TH ST, MBC3-147 CUYAHOGA HEIGHTS, OH 44125	**Facility Location:**	2040 CORY DRIVE SANBORN, NY 14132
Permitted Feature:	01A External Outfall	**Discharge:**	**01A-M** GROUNDWATER TREATMENT SYSTEM		
Report Dates & Status					
Monitoring Period:	**From 05/01/23 to 05/31/23**	**DMR Due Date:**	**06/28/23**	**Status:**	**NetDMR Validated**
Considerations for Form Completion					
PLEASE REVIEW FOOTNOTES #1, #2, AND #3 OF PERMIT FOR DETAILED INSTRUCTIONS, AND ALSO REVIEW SPECIAL CONDITIONS INVOLVING CERTAIN PARAMETERS.					
Principal Executive Officer					
First Name:	William	**Title:**	Proj Mgr	**Telephone:**	216-271-8038
Last Name:	Barber				
No Data Indicator (NODI)					
Form NODI:	--				

Parameter		Monitoring Location	Season #	Param. NODI		Quantity or Loading					Quality or Concentration							# of Ex.	Frequency of Analysis	Sample Type
Code	Name					Qualifier 1	Value 1	Qualifier 2	Value 2	Units	Qualifier 1	Value 1	Qualifier 2	Value 2	Qualifier 3	Value 3	Units			
00011	**Temperature, water deg. fahrenheit**	1 - Effluent Gross	0	--	Sample										=	63.1	15 - deg F	0	01/30 - Monthly	GR - GRAB
					Permit Req.										<=	90.0 DAILY MX	15 - deg F		01/30 - Monthly	GR - GRAB
					Value NODI															
00056	**Flow rate**	1 - Effluent Gross	0	--	Sample	=	46300.0	=	79176.0	07 - gal/d								0	99/99 - Continuous	MT - METER
					Permit Req.		Req Mon DAILY AV	<=	144000.0 DAILY MX	07 - gal/d									99/99 - Continuous	MT - METER
					Value NODI															
00310	**BOD, 5-day, 20 deg. C**	1 - Effluent Gross	0	--	Sample								<	2.0	<	2.0	19 - mg/L	0	02/30 - Twice Per Month	24 - COMP24
					Permit Req.									Req Mon DAILY AV	<=	5.0 DAILY MX	19 - mg/L		02/30 - Twice Per Month	24 - COMP24
					Value NODI															
00400	**pH**	1 - Effluent Gross	0	--	Sample						=	7.31			=	7.7	12 - SU	0	01/07 - Weekly	GR - GRAB
					Permit Req.						>=	6.5 MINIMUM			<=	8.5 MAXIMUM	12 - SU		01/07 - Weekly	GR - GRAB
					Value NODI															
00530	**Solids, total suspended**	1 - Effluent Gross	0	--	Sample								=	4.9	=	5.2	19 - mg/L	0	02/30 - Twice Per Month	24 - COMP24
					Permit Req.								<=	20.0 DAILY AV	<=	40.0 DAILY MX	19 - mg/L		02/30 - Twice Per Month	24 - COMP24
					Value NODI															
00556	**Oil & Grease**	1 - Effluent Gross	0	--	Sample								=	3.5	=	3.8	19 - mg/L	0	02/30 - Twice Per Month	GR - GRAB
					Permit Req.									Req Mon DAILY AV	<=	15.0 DAILY MX	19 - mg/L		02/30 - Twice Per Month	GR - GRAB
					Value NODI															
01002	**Arsenic, total [as As]**	1 - Effluent Gross	0	--	Sample										<	0.75	28 - ug/L	0	01/30 - Monthly	24 - COMP24
					Permit Req.										<=	150.0 DAILY MX	28 - ug/L		01/30 - Monthly	24 - COMP24
					Value NODI															
01027	**Cadmium, total [as Cd]**	1 - Effluent Gross	0	--	Sample										=	0.95	28 - ug/L	0	01/30 - Monthly	24 - COMP24
					Permit Req.										<=	3.9 DAILY MX	28 - ug/L		01/30 - Monthly	24 - COMP24
					Value NODI															
01034	**Chromium, total [as Cr]**	1 - Effluent Gross	0	--	Sample										<	1.2	28 - ug/L	0	01/30 - Monthly	24 - COMP24
					Permit Req.										<=	50.0 DAILY MX	28 - ug/L		01/30 - Monthly	24 - COMP24
					Value NODI															
01040	**Copper, dissolved [as Cu]**	1 - Effluent Gross	0	--	Sample										=	1.7	28 - ug/L	0	01/30 - Monthly	24 - COMP24
					Permit Req.											Req Mon DAILY MX	28 - ug/L		01/30 - Monthly	24 - COMP24
					Value NODI															
01042	**Copper, total [as Cu]**	1 - Effluent Gross	0	--	Sample										=	2.5	28 - ug/L	0	01/30 - Monthly	24 - COMP24
					Permit Req.										<=	19.0 DAILY MX	28 - ug/L		01/30 - Monthly	24 - COMP24
					Value NODI															
01045	**Iron, total [as Fe]**	1 - Effluent Gross	0	--	Sample										=	0.051	19 - mg/L	0	01/30 - Monthly	24 - COMP24
					Permit Req.										<=	1.0 DAILY MX	19 - mg/L		01/30 - Monthly	24 - COMP24
					Value NODI															
01051	**Lead, total [as Pb]**	1 - Effluent Gross	0	--	Sample										=	14.0	28 - ug/L	0	01/30 - Monthly	24 - COMP24
					Permit Req.										<=	25.0 DAILY MX	28 - ug/L		01/30 - Monthly	24 - COMP24
					Value NODI															

01090	**Zinc, dissolved [as Zn]**	1 - Effluent Gross	0	--	Sample										=	1.2	19 - mg/L	0	01/30 - Monthly	24 - COMP24
					Permit Req.											Req Mon DAILY MX	19 - mg/L		01/30 - Monthly	24 - COMP24
					Value NODI															
01092	**Zinc, total [as Zn]**	1 - Effluent Gross	0	--	Sample										=	1.2	19 - mg/L	0	01/30 - Monthly	24 - COMP24
					Permit Req.										<=	2.0 DAILY MX	19 - mg/L		01/30 - Monthly	24 - COMP24
					Value NODI															
32103	**1,2-Dichloroethane**	1 - Effluent Gross	0	--	Sample								<	0.46	<	0.46	28 - ug/L	0	01/07 - Weekly	08 - COMP-8
					Permit Req.									Req Mon DAILY AV	<=	10.0 DAILY MX	28 - ug/L		01/07 - Weekly	08 - COMP-8
					Value NODI															
32106	**Chloroform**	1 - Effluent Gross	0	--	Sample								<	0.47	<	0.47	28 - ug/L	0	01/07 - Weekly	08 - COMP-8
					Permit Req.									Req Mon DAILY AV	<=	10.0 DAILY MX	28 - ug/L		01/07 - Weekly	08 - COMP-8
					Value NODI															
34423	**Methylene chloride**	1 - Effluent Gross	0	--	Sample								<	2.6	<	2.6	28 - ug/L	0	01/07 - Weekly	08 - COMP-8
					Permit Req.									Req Mon DAILY AV	<=	10.0 DAILY MX	28 - ug/L		01/07 - Weekly	08 - COMP-8
					Value NODI															
34496	**1,1-Dichloroethane**	1 - Effluent Gross	0	--	Sample								<	0.47	<	0.47	28 - ug/L	0	01/07 - Weekly	08 - COMP-8
					Permit Req.									Req Mon DAILY AV	<=	10.0 DAILY MX	28 - ug/L		01/07 - Weekly	08 - COMP-8
					Value NODI															
34501	**1,1-Dichloroethylene**	1 - Effluent Gross	0	--	Sample								<	0.49	<	0.49	28 - ug/L	0	01/07 - Weekly	08 - COMP-8
					Permit Req.									Req Mon DAILY AV	<=	10.0 DAILY MX	28 - ug/L		01/07 - Weekly	08 - COMP-8
					Value NODI															
34506	**1,1,1-Trichloroethane**	1 - Effluent Gross	0	--	Sample								<	0.48	<	0.48	28 - ug/L	0	01/07 - Weekly	08 - COMP-8
					Permit Req.									Req Mon DAILY AV	<=	10.0 DAILY MX	28 - ug/L		01/07 - Weekly	08 - COMP-8
					Value NODI															
34546	**trans-1,2-Dichloroethylene**	1 - Effluent Gross	0	--	Sample								<	0.51	<	0.51	28 - ug/L	0	01/07 - Weekly	08 - COMP-8
					Permit Req.									Req Mon DAILY AV	<=	10.0 DAILY MX	28 - ug/L		01/07 - Weekly	08 - COMP-8
					Value NODI															
39175	**Vinyl chloride**	1 - Effluent Gross	0	--	Sample								<	0.45	<	0.45	28 - ug/L	0	02/30 - Twice Per Month	08 - COMP-8
					Permit Req.									Req Mon DAILY AV	<=	10.0 DAILY MX	28 - ug/L		02/30 - Twice Per Month	08 - COMP-8
					Value NODI															
46000	**Phenols**	1 - Effluent Gross	0	--	Sample								<	2.0	<	2.0	28 - ug/L	0	02/30 - Twice Per Month	24 - COMP24
					Permit Req.									Req Mon DAILY AV	<=	5.0 DAILY MX	28 - ug/L		02/30 - Twice Per Month	24 - COMP24
					Value NODI															
50060	**Chlorine, total residual**	1 - Effluent Gross	0	--	Sample										=	0.02	19 - mg/L	0	01/30 - Monthly	GR - GRAB
					Permit Req.										<=	0.1 DAILY MX	19 - mg/L		01/30 - Monthly	GR - GRAB
					Value NODI															
78391	**Trichloroethene**	1 - Effluent Gross	0	--	Sample								=	1.28	=	1.7	28 - ug/L	0	01/07 - Weekly	08 - COMP-8
					Permit Req.									Req Mon DAILY AV	<=	10.0 DAILY MX	28 - ug/L		01/07 - Weekly	08 - COMP-8
					Value NODI															
81574	**1,2-cis-Dichloroethylene**	1 - Effluent Gross	0	--	Sample								<=	0.89	=	1.4	28 - ug/L	0	01/07 - Weekly	08 - COMP-8
					Permit Req.									Req Mon DAILY AV	<=	10.0 DAILY MX	28 - ug/L		01/07 - Weekly	08 - COMP-8
					Value NODI															

Submission Note

If a parameter row does not contain any values for the Sample nor Effluent Trading, then none of the following fields will be submitted for that row: Units, Number of Excursions, Frequency of Analysis, and Sample Type.

Edit Check Errors

No errors.

Comments

Attachments

No attachments.

Report Last Saved By

ELM HOLDINGS, INC

User:	james.kaczor@aecom.com
Name:	James Kaczor
E-Mail:	james.kaczor@aecom.com
Date/Time:	2023-06-27 17:24 (Time Zone: -04:00)

Report Last Signed By

User:	james.kaczor@aecom.com

Name:	James Kaczor
E-Mail:	james.kaczor@aecom.com
Date/Time:	2023-06-28 14:54 (Time Zone: -04:00)

DMR Copy of Record

Permit					
Permit #:	**NY0001988**	**Permittee:**	ELM HOLDINGS, INC	**Facility:**	FORMER CARBORUNDUM COMPLEX
Major:	Yes	**Permittee Address:**	4850 EAST 49TH ST, MBC3-147 CUYAHOGA HEIGHTS, OH 44125	**Facility Location:**	2040 CORY DRIVE SANBORN, NY 14132
Permitted Feature:	01A External Outfall	**Discharge:**	**01A-M** GROUNDWATER TREATMENT SYSTEM		
Report Dates & Status					
Monitoring Period:	**From 06/01/23 to 06/30/23**	**DMR Due Date:**	**07/28/23**	**Status:**	**NetDMR Validated**
Considerations for Form Completion					
PLEASE REVIEW FOOTNOTES #1, #2, AND #3 OF PERMIT FOR DETAILED INSTRUCTIONS, AND ALSO REVIEW SPECIAL CONDITIONS INVOLVING CERTAIN PARAMETERS.					
Principal Executive Officer					
First Name:	William	**Title:**	Proj Mgr	**Telephone:**	216-271-8038
Last Name:	Barber				
No Data Indicator (NODI)					
Form NODI:	--				

Parameter		Monitoring Location	Season #	Param. NODI		Quantity or Loading					Quality or Concentration						# of Ex.	Frequency of Analysis	Sample Type
Code	Name					Qualifier 1	Value 1	Qualifier 2	Value 2	Units	Qualifier 1	Value 1	Qualifier 2	Value 2	Qualifier 3	Value 3	Units			
00011	**Temperature, water deg. fahrenheit**	1 - Effluent Gross	0	--	Sample										=	68.4	15 - deg F	0	01/30 - Monthly	GR - GRAB
					Permit Req.										<=	90.0 DAILY MX	15 - deg F		01/30 - Monthly	GR - GRAB
					Value NODI															
00056	**Flow rate**	1 - Effluent Gross	0	--	Sample	=	45176.0	=	47400.0	07 - gal/d								0	99/99 - Continuous	MT - METER
					Permit Req.		Req Mon DAILY AV	<=	144000.0 DAILY MX	07 - gal/d									99/99 - Continuous	MT - METER
					Value NODI															
00310	**BOD, 5-day, 20 deg. C**	1 - Effluent Gross	0	--	Sample								<	2.0	<	2.0	19 - mg/L	0	02/30 - Twice Per Month	24 - COMP24
					Permit Req.									Req Mon DAILY AV	<=	5.0 DAILY MX	19 - mg/L		02/30 - Twice Per Month	24 - COMP24
					Value NODI															
00400	**pH**	1 - Effluent Gross	0	--	Sample						=	7.53			=	7.96	12 - SU	0	01/07 - Weekly	GR - GRAB
					Permit Req.						>=	6.5 MINIMUM			<=	8.5 MAXIMUM	12 - SU		01/07 - Weekly	GR - GRAB
					Value NODI															
00530	**Solids, total suspended**	1 - Effluent Gross	0	--	Sample								=	1.9	=	2.8	19 - mg/L	0	02/30 - Twice Per Month	24 - COMP24
					Permit Req.								<=	20.0 DAILY AV	<=	40.0 DAILY MX	19 - mg/L		02/30 - Twice Per Month	24 - COMP24
					Value NODI															
00556	**Oil & Grease**	1 - Effluent Gross	0	--	Sample								=	1.85	=	1.9	19 - mg/L	0	02/30 - Twice Per Month	GR - GRAB
					Permit Req.									Req Mon DAILY AV	<=	15.0 DAILY MX	19 - mg/L		02/30 - Twice Per Month	GR - GRAB
					Value NODI															
01002	**Arsenic, total [as As]**	1 - Effluent Gross	0	--	Sample										<	0.75	28 - ug/L	0	01/30 - Monthly	24 - COMP24
					Permit Req.										<=	150.0 DAILY MX	28 - ug/L		01/30 - Monthly	24 - COMP24
					Value NODI															
01027	**Cadmium, total [as Cd]**	1 - Effluent Gross	0	--	Sample										=	1.3	28 - ug/L	0	01/30 - Monthly	24 - COMP24
					Permit Req.										<=	3.9 DAILY MX	28 - ug/L		01/30 - Monthly	24 - COMP24
					Value NODI															
01034	**Chromium, total [as Cr]**	1 - Effluent Gross	0	--	Sample										<	1.2	28 - ug/L	0	01/30 - Monthly	24 - COMP24
					Permit Req.										<=	50.0 DAILY MX	28 - ug/L		01/30 - Monthly	24 - COMP24
					Value NODI															
01040	**Copper, dissolved [as Cu]**	1 - Effluent Gross	0	--	Sample										<	1.7	28 - ug/L	0	01/30 - Monthly	24 - COMP24
					Permit Req.											Req Mon DAILY MX	28 - ug/L		01/30 - Monthly	24 - COMP24
					Value NODI															
01042	**Copper, total [as Cu]**	1 - Effluent Gross	0	--	Sample										=	4.1	28 - ug/L	0	01/30 - Monthly	24 - COMP24
					Permit Req.										<=	19.0 DAILY MX	28 - ug/L		01/30 - Monthly	24 - COMP24
					Value NODI															
01045	**Iron, total [as Fe]**	1 - Effluent Gross	0	--	Sample										=	0.15	19 - mg/L	0	01/30 - Monthly	24 - COMP24
					Permit Req.										<=	1.0 DAILY MX	19 - mg/L		01/30 - Monthly	24 - COMP24
					Value NODI															
X 01051	**Lead, total [as Pb]**	1 - Effluent Gross	0	--	Sample										=	30.0	28 - ug/L	1	01/30 - Monthly	24 - COMP24
					Permit Req.										<=	25.0 DAILY MX	28 - ug/L		01/30 - Monthly	24 - COMP24
					Value NODI															

01090	**Zinc, dissolved [as Zn]**	1 - Effluent Gross	0	--	Sample									=	1.1	19 - mg/L	0	01/30 - Monthly	24 - COMP24
					Permit Req.										Req Mon DAILY MX	19 - mg/L		01/30 - Monthly	24 - COMP24
					Value NODI														
01092	**Zinc, total [as Zn]**	1 - Effluent Gross	0	--	Sample									=	1.4	19 - mg/L	0	01/30 - Monthly	24 - COMP24
					Permit Req.									<=	2.0 DAILY MX	19 - mg/L		01/30 - Monthly	24 - COMP24
					Value NODI														
32103	**1,2-Dichloroethane**	1 - Effluent Gross	0	--	Sample							<	0.5	<	0.6	28 - ug/L	0	01/07 - Weekly	08 - COMP-8
					Permit Req.								Req Mon DAILY AV	<=	10.0 DAILY MX	28 - ug/L		01/07 - Weekly	08 - COMP-8
					Value NODI														
32106	**Chloroform**	1 - Effluent Gross	0	--	Sample							<	0.49	<	0.54	28 - ug/L	0	01/07 - Weekly	08 - COMP-8
					Permit Req.								Req Mon DAILY AV	<=	10.0 DAILY MX	28 - ug/L		01/07 - Weekly	08 - COMP-8
					Value NODI														
34423	**Methylene chloride**	1 - Effluent Gross	0	--	Sample							<	2.2	<	2.6	28 - ug/L	0	01/07 - Weekly	08 - COMP-8
					Permit Req.								Req Mon DAILY AV	<=	10.0 DAILY MX	28 - ug/L		01/07 - Weekly	08 - COMP-8
					Value NODI														
34496	**1,1-Dichloroethane**	1 - Effluent Gross	0	--	Sample							<	0.5	<	0.59	28 - ug/L	0	01/07 - Weekly	08 - COMP-8
					Permit Req.								Req Mon DAILY AV	<=	10.0 DAILY MX	28 - ug/L		01/07 - Weekly	08 - COMP-8
					Value NODI														
34501	**1,1-Dichloroethylene**	1 - Effluent Gross	0	--	Sample							<	0.58	<	0.85	28 - ug/L	0	01/07 - Weekly	08 - COMP-8
					Permit Req.								Req Mon DAILY AV	<=	10.0 DAILY MX	28 - ug/L		01/07 - Weekly	08 - COMP-8
					Value NODI														
34506	**1,1,1-Trichloroethane**	1 - Effluent Gross	0	--	Sample							<	0.46	<	0.48	28 - ug/L	0	01/07 - Weekly	08 - COMP-8
					Permit Req.								Req Mon DAILY AV	<=	10.0 DAILY MX	28 - ug/L		01/07 - Weekly	08 - COMP-8
					Value NODI														
34546	**trans-1,2-Dichloroethylene**	1 - Effluent Gross	0	--	Sample							<	0.53	<	0.59	28 - ug/L	0	01/07 - Weekly	08 - COMP-8
					Permit Req.								Req Mon DAILY AV	<=	10.0 DAILY MX	28 - ug/L		01/07 - Weekly	08 - COMP-8
					Value NODI														
39175	**Vinyl chloride**	1 - Effluent Gross	0	--	Sample							<	0.53	<	0.75	28 - ug/L	0	02/30 - Twice Per Month	08 - COMP-8
					Permit Req.								Req Mon DAILY AV	<=	10.0 DAILY MX	28 - ug/L		02/30 - Twice Per Month	08 - COMP-8
					Value NODI														
46000	**Phenols**	1 - Effluent Gross	0	--	Sample							<	2.0	<	2.0	28 - ug/L	0	02/30 - Twice Per Month	24 - COMP24
					Permit Req.								Req Mon DAILY AV	<=	5.0 DAILY MX	28 - ug/L		02/30 - Twice Per Month	24 - COMP24
					Value NODI														
50060	**Chlorine, total residual**	1 - Effluent Gross	0	--	Sample									<	0.01	19 - mg/L	0	01/30 - Monthly	GR - GRAB
					Permit Req.									<=	0.1 DAILY MX	19 - mg/L		01/30 - Monthly	GR - GRAB
					Value NODI														
78391	**Trichloroethene**	1 - Effluent Gross	0	--	Sample							=	0.9	=	1.1	28 - ug/L	0	01/07 - Weekly	08 - COMP-8
					Permit Req.								Req Mon DAILY AV	<=	10.0 DAILY MX	28 - ug/L		01/07 - Weekly	08 - COMP-8
					Value NODI														
81574	**1,2-cis-Dichloroethylene**	1 - Effluent Gross	0	--	Sample							<	0.49	<	0.57	28 - ug/L	0	01/07 - Weekly	08 - COMP-8
					Permit Req.								Req Mon DAILY AV	<=	10.0 DAILY MX	28 - ug/L		01/07 - Weekly	08 - COMP-8
					Value NODI														

Submission Note

If a parameter row does not contain any values for the Sample nor Effluent Trading, then none of the following fields will be submitted for that row: Units, Number of Excursions, Frequency of Analysis, and Sample Type.

Edit Check Errors

Parameter		Monitoring Location	Field	Type	Description	Acknowledge
Code	Name					
01051	Lead, total [as Pb]	1 - Effluent Gross	Quality or Concentration Sample Value 3	Soft	The provided sample value is outside the permit limit. Please verify that the value you have provided is correct.	Yes

Comments

Lead (Total) was reported at 30 ug/L for the sample collected on June 6, 2023; data were received June 19, 2023. Following review and confirmation of the results with the laboratory, a re-sample was collected on June 16, 2023. The June 16, 2023 result was 16 ug/L, below the discharge criterion of 25 ug/L. Accounting for both samples, the average for the month, 23 ug/L, was also below the discharge criterion.

Attachments

Name	Type	Size
NY0001988_noncomprep_Lead_2023-06-06_signed.pdf	pdf	304993.0

Report Last Saved By

ELM HOLDINGS, INC

User: james.kaczor@aecom.com

Name:	James Kaczor
E-Mail:	james.kaczor@aecom.com
Date/Time:	2023-07-28 16:40 (Time Zone: -04:00)
Report Last Signed By	
User:	james.kaczor@aecom.com
Name:	James Kaczor
E-Mail:	james.kaczor@aecom.com
Date/Time:	2023-07-28 16:41 (Time Zone: -04:00)

DMR Copy of Record

Permit

Permit #:	**NY0001988**	**Permittee:**	ELM HOLDINGS, INC	**Facility:**	FORMER CARBORUNDUM COMPLEX
Major:	Yes	**Permittee Address:**	4850 EAST 49TH ST, MBC3-147 CUYAHOGA HEIGHTS, OH 44125	**Facility Location:**	2040 CORY DRIVE SANBORN, NY 14132
Permitted Feature:	01A External Outfall	**Discharge:**	**01A-Q** GROUNDWATER TREATMENT SYSTEM		

Report Dates & Status

Monitoring Period:	**From 04/01/23 to 06/30/23**	**DMR Due Date:**	**07/28/23**	**Status:**	**NetDMR Validated**

Considerations for Form Completion

Principal Executive Officer

First Name:	William	**Title:**	Proj Mgr	**Telephone:**	216-271-8038
Last Name:	Barber				

No Data Indicator (NODI)

Form NODI: --

Parameter		Monitoring Location	Season #	Param. NODI		Quantity or Loading					Quality or Concentration							# of Ex.	Frequency of Analysis	Sample Type
Code	Name					Qualifier 1	Value 1	Qualifier 2	Value 2	Units	Qualifier 1	Value 1	Qualifier 2	Value 2	Qualifier 3	Value 3	Units			
01067	**Nickel, total [as Ni]**	1 - Effluent Gross	0	--	Sample										=	9.8	28 - ug/L	0	01/90 - Quarterly	24 - COMP24
					Permit Req.											Req Mon DAILY MX	28 - ug/L		01/90 - Quarterly	24 - COMP24
					Value NODI															
01077	**Silver, total [as Ag]**	1 - Effluent Gross	0	--	Sample										<	0.053	28 - ug/L	0	01/90 - Quarterly	24 - COMP24
					Permit Req.											Req Mon DAILY MX	28 - ug/L		01/90 - Quarterly	24 - COMP24
					Value NODI															

Submission Note

If a parameter row does not contain any values for the Sample nor Effluent Trading, then none of the following fields will be submitted for that row: Units, Number of Excursions, Frequency of Analysis, and Sample Type.

Edit Check Errors

No errors.

Comments

Attachments

No attachments.

Report Last Saved By

ELM HOLDINGS, INC

User:	james.kaczor@aecom.com
Name:	James Kaczor
E-Mail:	james.kaczor@aecom.com
Date/Time:	2023-07-28 11:31 (Time Zone: -04:00)

Report Last Signed By

User:	james.kaczor@aecom.com
Name:	James Kaczor
E-Mail:	james.kaczor@aecom.com
Date/Time:	2023-07-28 16:25 (Time Zone: -04:00)

DMR Copy of Record

Permit

Permit #:	**NY0001988**	**Permittee:**	ELM HOLDINGS, INC	**Facility:**	FORMER CARBORUNDUM COMPLEX
Major:	Yes	**Permittee Address:**	4850 EAST 49TH ST, MBC3-147 CUYAHOGA HEIGHTS, OH 44125	**Facility Location:**	2040 CORY DRIVE SANBORN, NY 14132
Permitted Feature:	01A External Outfall	**Discharge:**	**01A-V** OUTFALL 01A ACTION LEVELS		

Report Dates & Status

Monitoring Period:	**From 04/01/23 to 06/30/23**	**DMR Due Date:**	**07/28/23**	**Status:**	**NetDMR Validated**

Considerations for Form Completion

Principal Executive Officer

First Name:	William	**Title:**	Proj Mgr	**Telephone:**	216-271-8038
Last Name:	Barber				

No Data Indicator (NODI)

Form NODI: --

Parameter		Monitoring Location	Season #	Param. NODI		Quantity or Loading					Quality or Concentration							# of Ex.	Frequency of Analysis	Sample Type
Code	Name					Qualifier 1	Value 1	Qualifier 2	Value 2	Units	Qualifier 1	Value 1	Qualifier 2	Value 2	Qualifier 3	Value 3	Units			
01067	**Nickel, total [as Ni]**	V - See Comments	0	--	Sample			=	0.003956	26 - lb/d								0	01/90 - Quarterly	24 - COMP24
					Permit Req.			<=	0.026 DAILY MX	26 - lb/d									01/90 - Quarterly	24 - COMP24
					Value NODI															
01077	**Silver, total [as Ag]**	V - See Comments	0	--	Sample			<	0.0000214	26 - lb/d								0	01/90 - Quarterly	24 - COMP24
					Permit Req.			<=	0.006 DAILY MX	26 - lb/d									01/90 - Quarterly	24 - COMP24
					Value NODI															

Submission Note

If a parameter row does not contain any values for the Sample nor Effluent Trading, then none of the following fields will be submitted for that row: Units, Number of Excursions, Frequency of Analysis, and Sample Type.

Edit Check Errors

No errors.

Comments

Attachments

No attachments.

Report Last Saved By

ELM HOLDINGS, INC

User:	james.kaczor@aecom.com
Name:	James Kaczor
E-Mail:	james.kaczor@aecom.com
Date/Time:	2023-07-28 11:28 (Time Zone: -04:00)

Report Last Signed By

User:	james.kaczor@aecom.com
Name:	James Kaczor
E-Mail:	james.kaczor@aecom.com
Date/Time:	2023-07-28 16:26 (Time Zone: -04:00)

Appendix B

SECTION 1

New York State Department of Environmental Conservation
Division of Water

Report of Noncompliance Event

To: DEC Water Contact Denine Jackson ***DEC Region:*** 9

Report Type: ___ *5 Day* ___ *Permit Violation* ___ *Order Violation* ___ *Anticipated Noncompliance* ___ *Bypass/Overflow* ✔ *Other*

SECTION 2

SPDES #: NY- 0001988 **Facility:** Former Carborundum Complex

Date of noncompliance: 06/06/2023 **Location (Outfall, Treatment Unit, or Pump Station):** 01-A

Description of noncompliance(s) and cause(s): Lead (Total) was reported at 30 ug/L for the sample collected on June 6, 2023; data were received June 19, 2023. Following review and confirmation of the results with the laboratory, a re-sample was collected on June 16, 2023. The June 16, 2023 result was 16 ug/L, below the discharge criterion of 25 ug/L. Accounting for both samples, the average for the month, 23 ug/L, was also below the discharge criterion.

Has event ceased? Yes **If so, when?** 06/16/2023 **Was event due to plant upset?** No **SPDES limits violated?** Yes

Start date, time of event: 06/06/2023 , _____ am **End date, time of event:** 06/16/2023 _____ am

Date, time oral notification made to DEC? 07/27/2023 , 11:00 am **DEC Official contacted:** Denine Jackson

Immediate corrective actions: Immediately following receipt of the June 6, 2023 data the treatment system was thoroughly checked for potential concerns, including inspection of bag filters and system components. Implementation of additional lead sampling throughout the system is ongoing to isolate where the lead is originating. The monthly metals sample for July 2023 was collected July 6, 2023 and the lead result was 15 ug/L, continuing to be below the permit criterion of 25 ug/L.

Preventive (long term) corrective actions: Plant staff have been advised to monitor the condition of the treatment system for indications of potential wear or cross-contamination. In researching potential concerns related to this event, it was noted that prior communications between NYSDEC and the permit holder regarding naturally occurring lead concentrations in groundwater up to 34 ug/L had taken place. See correspondence from Mark Raybuck (Parsons) to Catherine Hardison (NYSDEC) dated August 13, 2010.

SECTION 3

Complete this section if event was a bypass:

Bypass amount: _____ Was prior DEC authorization received for this event? No

DEC Official contacted: _____ Date of DEC approval: _____

Describe event in "Description of noncompliance and cause" area in Section 2. Detail the start and end dates and times in Section 2 also.

SECTION 4

Facility Representative: James L. Kaczor **Title:** Attorney-in-Fact for Elm Holdings Inc. **Date:** 07/28/23

Phone #: (716) 856-5636 **Fax #:** (n/a)

I Certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

Kaczor, James Digitally signed by Kaczor, James Date: 2023.07.28 16:38:33 -04'00'

Signature of Principal Executive Officer or Authorized Agent

DMR Copy of Record

Permit					
Permit #:	**NY0001988**	**Permittee:**	ELM HOLDINGS, INC	**Facility:**	FORMER CARBORUNDUM COMPLEX
Major:	Yes	**Permittee Address:**	4850 EAST 49TH ST, MBC3-147 CUYAHOGA HEIGHTS, OH 44125	**Facility Location:**	2040 CORY DRIVE SANBORN, NY 14132
Permitted Feature:	01A External Outfall	**Discharge:**	**01A-M** GROUNDWATER TREATMENT SYSTEM		
Report Dates & Status					
Monitoring Period:	**From 07/01/23 to 07/31/23**	**DMR Due Date:**	**08/28/23**	**Status:**	**NetDMR Validated**
Considerations for Form Completion					
PLEASE REVIEW FOOTNOTES #1, #2, AND #3 OF PERMIT FOR DETAILED INSTRUCTIONS, AND ALSO REVIEW SPECIAL CONDITIONS INVOLVING CERTAIN PARAMETERS.					
Principal Executive Officer					
First Name:	William	**Title:**	Proj Mgr	**Telephone:**	216-271-8038
Last Name:	Barber				
No Data Indicator (NODI)					
Form NODI:	--				

Parameter		Monitoring Location	Season #	Param. NODI		Quantity or Loading					Quality or Concentration							# of Ex.	Frequency of Analysis	Sample Type
Code	Name					Qualifier 1	Value 1	Qualifier 2	Value 2	Units	Qualifier 1	Value 1	Qualifier 2	Value 2	Qualifier 3	Value 3	Units			
00011	**Temperature, water deg. fahrenheit**	1 - Effluent Gross	0	--	Sample										=	70.9	15 - deg F	0	01/30 - Monthly	GR - GRAB
					Permit Req.										<=	90.0 DAILY MX	15 - deg F		01/30 - Monthly	GR - GRAB
					Value NODI															
00056	**Flow rate**	1 - Effluent Gross	0	--	Sample	=	45556.0	=	48400.0	07 - gal/d								0	99/99 - Continuous	MT - METER
					Permit Req.		Req Mon DAILY AV	<=	144000.0 DAILY MX	07 - gal/d									99/99 - Continuous	MT - METER
					Value NODI															
00310	**BOD, 5-day, 20 deg. C**	1 - Effluent Gross	0	--	Sample								<	2.0	<	2.0	19 - mg/L	0	02/30 - Twice Per Month	24 - COMP24
					Permit Req.									Req Mon DAILY AV	<=	5.0 DAILY MX	19 - mg/L		02/30 - Twice Per Month	24 - COMP24
					Value NODI															
00400	**pH**	1 - Effluent Gross	0	--	Sample						=	7.21			=	7.72	12 - SU	0	01/07 - Weekly	GR - GRAB
					Permit Req.						>=	6.5 MINIMUM			<=	8.5 MAXIMUM	12 - SU		01/07 - Weekly	GR - GRAB
					Value NODI															
00530	**Solids, total suspended**	1 - Effluent Gross	0	--	Sample								=	2.4	=	3.2	19 - mg/L	0	02/30 - Twice Per Month	24 - COMP24
					Permit Req.								<=	20.0 DAILY AV	<=	40.0 DAILY MX	19 - mg/L		02/30 - Twice Per Month	24 - COMP24
					Value NODI															
00556	**Oil & Grease**	1 - Effluent Gross	0	--	Sample								=	2.4	=	2.6	19 - mg/L	0	02/30 - Twice Per Month	GR - GRAB
					Permit Req.									Req Mon DAILY AV	<=	15.0 DAILY MX	19 - mg/L		02/30 - Twice Per Month	GR - GRAB
					Value NODI															
01002	**Arsenic, total [as As]**	1 - Effluent Gross	0	--	Sample										<	0.75	28 - ug/L	0	01/30 - Monthly	24 - COMP24
					Permit Req.										<=	150.0 DAILY MX	28 - ug/L		01/30 - Monthly	24 - COMP24
					Value NODI															
01027	**Cadmium, total [as Cd]**	1 - Effluent Gross	0	--	Sample										=	1.3	28 - ug/L	0	01/30 - Monthly	24 - COMP24
					Permit Req.										<=	3.9 DAILY MX	28 - ug/L		01/30 - Monthly	24 - COMP24
					Value NODI															
01034	**Chromium, total [as Cr]**	1 - Effluent Gross	0	--	Sample										<	1.2	28 - ug/L	0	01/30 - Monthly	24 - COMP24
					Permit Req.										<=	50.0 DAILY MX	28 - ug/L		01/30 - Monthly	24 - COMP24
					Value NODI															
01040	**Copper, dissolved [as Cu]**	1 - Effluent Gross	0	--	Sample										<	1.7	28 - ug/L	0	01/30 - Monthly	24 - COMP24
					Permit Req.											Req Mon DAILY MX	28 - ug/L		01/30 - Monthly	24 - COMP24
					Value NODI															
01042	**Copper, total [as Cu]**	1 - Effluent Gross	0	--	Sample										=	1.8	28 - ug/L	0	01/30 - Monthly	24 - COMP24
					Permit Req.										<=	19.0 DAILY MX	28 - ug/L		01/30 - Monthly	24 - COMP24
					Value NODI															
01045	**Iron, total [as Fe]**	1 - Effluent Gross	0	--	Sample										<	0.047	19 - mg/L	0	01/30 - Monthly	24 - COMP24
					Permit Req.										<=	1.0 DAILY MX	19 - mg/L		01/30 - Monthly	24 - COMP24
					Value NODI															
01051	**Lead, total [as Pb]**	1 - Effluent Gross	0	--	Sample										=	15.0	28 - ug/L	0	01/30 - Monthly	24 - COMP24
					Permit Req.										<=	25.0 DAILY MX	28 - ug/L		01/30 - Monthly	24 - COMP24
					Value NODI															

01090	**Zinc, dissolved [as Zn]**	1 - Effluent Gross	0	--	Sample										=	1.2	19 - mg/L	0	01/30 - Monthly	24 - COMP24
					Permit Req.											Req Mon DAILY MX	19 - mg/L		01/30 - Monthly	24 - COMP24
					Value NODI															
01092	**Zinc, total [as Zn]**	1 - Effluent Gross	0	--	Sample										=	1.2	19 - mg/L	0	01/30 - Monthly	24 - COMP24
					Permit Req.										<=	2.0 DAILY MX	19 - mg/L		01/30 - Monthly	24 - COMP24
					Value NODI															
32103	**1,2-Dichloroethane**	1 - Effluent Gross	0	--	Sample								<	0.46	<	0.46	28 - ug/L	0	01/07 - Weekly	08 - COMP-8
					Permit Req.									Req Mon DAILY AV	<=	10.0 DAILY MX	28 - ug/L		01/07 - Weekly	08 - COMP-8
					Value NODI															
32106	**Chloroform**	1 - Effluent Gross	0	--	Sample								<	0.47	<	0.47	28 - ug/L	0	01/07 - Weekly	08 - COMP-8
					Permit Req.									Req Mon DAILY AV	<=	10.0 DAILY MX	28 - ug/L		01/07 - Weekly	08 - COMP-8
					Value NODI															
34423	**Methylene chloride**	1 - Effluent Gross	0	--	Sample								<	2.6	<	2.6	28 - ug/L	0	01/07 - Weekly	08 - COMP-8
					Permit Req.									Req Mon DAILY AV	<=	10.0 DAILY MX	28 - ug/L		01/07 - Weekly	08 - COMP-8
					Value NODI															
34496	**1,1-Dichloroethane**	1 - Effluent Gross	0	--	Sample								<	0.47	<	0.47	28 - ug/L	0	01/07 - Weekly	08 - COMP-8
					Permit Req.									Req Mon DAILY AV	<=	10.0 DAILY MX	28 - ug/L		01/07 - Weekly	08 - COMP-8
					Value NODI															
34501	**1,1-Dichloroethylene**	1 - Effluent Gross	0	--	Sample								<	0.49	<	0.49	28 - ug/L	0	01/07 - Weekly	08 - COMP-8
					Permit Req.									Req Mon DAILY AV	<=	10.0 DAILY MX	28 - ug/L		01/07 - Weekly	08 - COMP-8
					Value NODI															
34506	**1,1,1-Trichloroethane**	1 - Effluent Gross	0	--	Sample								<	0.48	<	0.48	28 - ug/L	0	01/07 - Weekly	08 - COMP-8
					Permit Req.									Req Mon DAILY AV	<=	10.0 DAILY MX	28 - ug/L		01/07 - Weekly	08 - COMP-8
					Value NODI															
34546	**trans-1,2-Dichloroethylene**	1 - Effluent Gross	0	--	Sample								<	0.51	<	0.51	28 - ug/L	0	01/07 - Weekly	08 - COMP-8
					Permit Req.									Req Mon DAILY AV	<=	10.0 DAILY MX	28 - ug/L		01/07 - Weekly	08 - COMP-8
					Value NODI															
39175	**Vinyl chloride**	1 - Effluent Gross	0	--	Sample								<	0.45	<	0.45	28 - ug/L	0	02/30 - Twice Per Month	08 - COMP-8
					Permit Req.									Req Mon DAILY AV	<=	10.0 DAILY MX	28 - ug/L		02/30 - Twice Per Month	08 - COMP-8
					Value NODI															
46000	**Phenols**	1 - Effluent Gross	0	--	Sample								<	2.0	<	2.0	28 - ug/L	0	02/30 - Twice Per Month	24 - COMP24
					Permit Req.									Req Mon DAILY AV	<=	5.0 DAILY MX	28 - ug/L		02/30 - Twice Per Month	24 - COMP24
					Value NODI															
50060	**Chlorine, total residual**	1 - Effluent Gross	0	--	Sample										<	0.01	19 - mg/L	0	01/30 - Monthly	GR - GRAB
					Permit Req.										<=	0.1 DAILY MX	19 - mg/L		01/30 - Monthly	GR - GRAB
					Value NODI															
78391	**Trichloroethene**	1 - Effluent Gross	0	--	Sample								=	0.84	=	0.9	28 - ug/L	0	01/07 - Weekly	08 - COMP-8
					Permit Req.									Req Mon DAILY AV	<=	10.0 DAILY MX	28 - ug/L		01/07 - Weekly	08 - COMP-8
					Value NODI															
81574	**1,2-cis-Dichloroethylene**	1 - Effluent Gross	0	--	Sample								<	0.46	<	0.46	28 - ug/L	0	01/07 - Weekly	08 - COMP-8
					Permit Req.									Req Mon DAILY AV	<=	10.0 DAILY MX	28 - ug/L		01/07 - Weekly	08 - COMP-8
					Value NODI															

Submission Note

If a parameter row does not contain any values for the Sample nor Effluent Trading, then none of the following fields will be submitted for that row: Units, Number of Excursions, Frequency of Analysis, and Sample Type.

Edit Check Errors

No errors.

Comments

Attachments

No attachments.

Report Last Saved By

ELM HOLDINGS, INC

User:	james.kaczor@aecom.com
Name:	James Kaczor
E-Mail:	james.kaczor@aecom.com
Date/Time:	2023-08-25 14:22 (Time Zone: -04:00)

Report Last Signed By

User:	james.kaczor@aecom.com

Name:	James Kaczor
E-Mail:	james.kaczor@aecom.com
Date/Time:	2023-08-25 14:22 (Time Zone: -04:00)

DMR Copy of Record

Permit					
Permit #:	**NY0001988**	**Permittee:**	ELM HOLDINGS, INC	**Facility:**	FORMER CARBORUNDUM COMPLEX
Major:	Yes	**Permittee Address:**	4850 EAST 49TH ST, MBC3-147 CUYAHOGA HEIGHTS, OH 44125	**Facility Location:**	2040 CORY DRIVE SANBORN, NY 14132
Permitted Feature:	01A External Outfall	**Discharge:**	**01A-M** GROUNDWATER TREATMENT SYSTEM		
Report Dates & Status					
Monitoring Period:	**From 08/01/23 to 08/31/23**	**DMR Due Date:**	**09/28/23**	**Status:**	**NetDMR Validated**
Considerations for Form Completion					
PLEASE REVIEW FOOTNOTES #1, #2, AND #3 OF PERMIT FOR DETAILED INSTRUCTIONS, AND ALSO REVIEW SPECIAL CONDITIONS INVOLVING CERTAIN PARAMETERS.					
Principal Executive Officer					
First Name:	William	**Title:**	Proj Mgr	**Telephone:**	216-271-8038
Last Name:	Barber				
No Data Indicator (NODI)					
Form NODI:	--				

Parameter		Monitoring Location	Season #	Param. NODI		Quantity or Loading					Quality or Concentration							# of Ex.	Frequency of Analysis	Sample Type
Code	Name					Qualifier 1	Value 1	Qualifier 2	Value 2	Units	Qualifier 1	Value 1	Qualifier 2	Value 2	Qualifier 3	Value 3	Units			
00011	**Temperature, water deg. fahrenheit**	1 - Effluent Gross	0	--	Sample										=	65.8	15 - deg F	0	01/30 - Monthly	GR - GRAB
					Permit Req.										<=	90.0 DAILY MX	15 - deg F		01/30 - Monthly	GR - GRAB
					Value NODI															
00056	**Flow rate**	1 - Effluent Gross	0	--	Sample	=	39210.0	=	40086.0	07 - gal/d								0	99/99 - Continuous	MT - METER
					Permit Req.		Req Mon DAILY AV	<=	144000.0 DAILY MX	07 - gal/d									99/99 - Continuous	MT - METER
					Value NODI															
00310	**BOD, 5-day, 20 deg. C**	1 - Effluent Gross	0	--	Sample								<	2.0	<	2.0	19 - mg/L	0	02/30 - Twice Per Month	24 - COMP24
					Permit Req.									Req Mon DAILY AV	<=	5.0 DAILY MX	19 - mg/L		02/30 - Twice Per Month	24 - COMP24
					Value NODI															
00400	**pH**	1 - Effluent Gross	0	--	Sample						=	7.21			=	7.43	12 - SU	0	01/07 - Weekly	GR - GRAB
					Permit Req.						>=	6.5 MINIMUM			<=	8.5 MAXIMUM	12 - SU		01/07 - Weekly	GR - GRAB
					Value NODI															
00530	**Solids, total suspended**	1 - Effluent Gross	0	--	Sample								=	2.7	=	2.7	19 - mg/L	0	02/30 - Twice Per Month	24 - COMP24
					Permit Req.								<=	20.0 DAILY AV	<=	40.0 DAILY MX	19 - mg/L		02/30 - Twice Per Month	24 - COMP24
					Value NODI															
00556	**Oil & Grease**	1 - Effluent Gross	0	--	Sample								<	1.5	=	1.9	19 - mg/L	0	02/30 - Twice Per Month	GR - GRAB
					Permit Req.									Req Mon DAILY AV	<=	15.0 DAILY MX	19 - mg/L		02/30 - Twice Per Month	GR - GRAB
					Value NODI															
01002	**Arsenic, total [as As]**	1 - Effluent Gross	0	--	Sample										<	1.0	28 - ug/L	0	01/30 - Monthly	24 - COMP24
					Permit Req.										<=	150.0 DAILY MX	28 - ug/L		01/30 - Monthly	24 - COMP24
					Value NODI															
01027	**Cadmium, total [as Cd]**	1 - Effluent Gross	0	--	Sample										=	1.2	28 - ug/L	0	01/30 - Monthly	24 - COMP24
					Permit Req.										<=	3.9 DAILY MX	28 - ug/L		01/30 - Monthly	24 - COMP24
					Value NODI															
01034	**Chromium, total [as Cr]**	1 - Effluent Gross	0	--	Sample										<	1.2	28 - ug/L	0	01/30 - Monthly	24 - COMP24
					Permit Req.										<=	50.0 DAILY MX	28 - ug/L		01/30 - Monthly	24 - COMP24
					Value NODI															
01040	**Copper, dissolved [as Cu]**	1 - Effluent Gross	0	--	Sample										<	1.7	28 - ug/L	0	01/30 - Monthly	24 - COMP24
					Permit Req.											Req Mon DAILY MX	28 - ug/L		01/30 - Monthly	24 - COMP24
					Value NODI															
01042	**Copper, total [as Cu]**	1 - Effluent Gross	0	--	Sample										=	1.9	28 - ug/L	0	01/30 - Monthly	24 - COMP24
					Permit Req.										<=	19.0 DAILY MX	28 - ug/L		01/30 - Monthly	24 - COMP24
					Value NODI															
01045	**Iron, total [as Fe]**	1 - Effluent Gross	0	--	Sample										<	0.047	19 - mg/L	0	01/30 - Monthly	24 - COMP24
					Permit Req.										<=	1.0 DAILY MX	19 - mg/L		01/30 - Monthly	24 - COMP24
					Value NODI															
01051	**Lead, total [as Pb]**	1 - Effluent Gross	0	--	Sample										=	11.0	28 - ug/L	0	01/30 - Monthly	24 - COMP24
					Permit Req.										<=	25.0 DAILY MX	28 - ug/L		01/30 - Monthly	24 - COMP24
					Value NODI															

01090	**Zinc, dissolved [as Zn]**	1 - Effluent Gross	0	--	Sample										=	1.2	19 - mg/L	0	01/30 - Monthly	24 - COMP24
					Permit Req.											Req Mon DAILY MX	19 - mg/L		01/30 - Monthly	24 - COMP24
					Value NODI															
01092	**Zinc, total [as Zn]**	1 - Effluent Gross	0	--	Sample										=	1.3	19 - mg/L	0	01/30 - Monthly	24 - COMP24
					Permit Req.										<=	2.0 DAILY MX	19 - mg/L		01/30 - Monthly	24 - COMP24
					Value NODI															
32103	**1,2-Dichloroethane**	1 - Effluent Gross	0	--	Sample								<	0.46	<	0.46	28 - ug/L	0	01/07 - Weekly	08 - COMP-8
					Permit Req.									Req Mon DAILY AV	<=	10.0 DAILY MX	28 - ug/L		01/07 - Weekly	08 - COMP-8
					Value NODI															
32106	**Chloroform**	1 - Effluent Gross	0	--	Sample								<	0.47	<	0.47	28 - ug/L	0	01/07 - Weekly	08 - COMP-8
					Permit Req.									Req Mon DAILY AV	<=	10.0 DAILY MX	28 - ug/L		01/07 - Weekly	08 - COMP-8
					Value NODI															
34423	**Methylene chloride**	1 - Effluent Gross	0	--	Sample								<	2.6	<	2.6	28 - ug/L	0	01/07 - Weekly	08 - COMP-8
					Permit Req.									Req Mon DAILY AV	<=	10.0 DAILY MX	28 - ug/L		01/07 - Weekly	08 - COMP-8
					Value NODI															
34496	**1,1-Dichloroethane**	1 - Effluent Gross	0	--	Sample								<	0.47	<	0.47	28 - ug/L	0	01/07 - Weekly	08 - COMP-8
					Permit Req.									Req Mon DAILY AV	<=	10.0 DAILY MX	28 - ug/L		01/07 - Weekly	08 - COMP-8
					Value NODI															
34501	**1,1-Dichloroethylene**	1 - Effluent Gross	0	--	Sample								<	0.49	<	0.49	28 - ug/L	0	01/07 - Weekly	08 - COMP-8
					Permit Req.									Req Mon DAILY AV	<=	10.0 DAILY MX	28 - ug/L		01/07 - Weekly	08 - COMP-8
					Value NODI															
34506	**1,1,1-Trichloroethane**	1 - Effluent Gross	0	--	Sample								<	0.48	<	0.48	28 - ug/L	0	01/07 - Weekly	08 - COMP-8
					Permit Req.									Req Mon DAILY AV	<=	10.0 DAILY MX	28 - ug/L		01/07 - Weekly	08 - COMP-8
					Value NODI															
34546	**trans-1,2-Dichloroethylene**	1 - Effluent Gross	0	--	Sample								<	0.51	<	0.51	28 - ug/L	0	01/07 - Weekly	08 - COMP-8
					Permit Req.									Req Mon DAILY AV	<=	10.0 DAILY MX	28 - ug/L		01/07 - Weekly	08 - COMP-8
					Value NODI															
39175	**Vinyl chloride**	1 - Effluent Gross	0	--	Sample								<	0.45	<	0.45	28 - ug/L	0	02/30 - Twice Per Month	08 - COMP-8
					Permit Req.									Req Mon DAILY AV	<=	10.0 DAILY MX	28 - ug/L		02/30 - Twice Per Month	08 - COMP-8
					Value NODI															
46000	**Phenols**	1 - Effluent Gross	0	--	Sample								<	2.0	<	2.0	28 - ug/L	0	02/30 - Twice Per Month	24 - COMP24
					Permit Req.									Req Mon DAILY AV	<=	5.0 DAILY MX	28 - ug/L		02/30 - Twice Per Month	24 - COMP24
					Value NODI															
50060	**Chlorine, total residual**	1 - Effluent Gross	0	--	Sample										<	0.01	19 - mg/L	0	01/30 - Monthly	GR - GRAB
					Permit Req.										<=	0.1 DAILY MX	19 - mg/L		01/30 - Monthly	GR - GRAB
					Value NODI															
78391	**Trichloroethene**	1 - Effluent Gross	0	--	Sample								<	0.67	=	0.8	28 - ug/L	0	01/07 - Weekly	08 - COMP-8
					Permit Req.									Req Mon DAILY AV	<=	10.0 DAILY MX	28 - ug/L		01/07 - Weekly	08 - COMP-8
					Value NODI															
81574	**1,2-cis-Dichloroethylene**	1 - Effluent Gross	0	--	Sample								<	0.46	<	0.46	28 - ug/L	0	01/07 - Weekly	08 - COMP-8
					Permit Req.									Req Mon DAILY AV	<=	10.0 DAILY MX	28 - ug/L		01/07 - Weekly	08 - COMP-8
					Value NODI															

Submission Note

If a parameter row does not contain any values for the Sample nor Effluent Trading, then none of the following fields will be submitted for that row: Units, Number of Excursions, Frequency of Analysis, and Sample Type.

Edit Check Errors

No errors.

Comments

Attachments

No attachments.

Report Last Saved By

ELM HOLDINGS, INC

User:	james.kaczor@aecom.com
Name:	James Kaczor
E-Mail:	james.kaczor@aecom.com
Date/Time:	2023-09-28 14:45 (Time Zone: -04:00)

Report Last Signed By

User:	james.kaczor@aecom.com

Name:	James Kaczor
E-Mail:	james.kaczor@aecom.com
Date/Time:	2023-09-28 15:44 (Time Zone: -04:00)

DMR Copy of Record

Permit					
Permit #:	**NY0001988**	**Permittee:**	ELM HOLDINGS, INC	**Facility:**	FORMER CARBORUNDUM COMPLEX
Major:	Yes	**Permittee Address:**	4850 EAST 49TH ST, MBC3-147 CUYAHOGA HEIGHTS, OH 44125	**Facility Location:**	2040 CORY DRIVE SANBORN, NY 14132
Permitted Feature:	01A External Outfall	**Discharge:**	**01A-M** GROUNDWATER TREATMENT SYSTEM		
Report Dates & Status					
Monitoring Period:	**From 09/01/23 to 09/30/23**	**DMR Due Date:**	**10/28/23**	**Status:**	**NetDMR Validated**
Considerations for Form Completion					
PLEASE REVIEW FOOTNOTES #1, #2, AND #3 OF PERMIT FOR DETAILED INSTRUCTIONS, AND ALSO REVIEW SPECIAL CONDITIONS INVOLVING CERTAIN PARAMETERS.					
Principal Executive Officer					
First Name:	William	**Title:**	Proj Mgr	**Telephone:**	216-271-8038
Last Name:	Barber				
No Data Indicator (NODI)					
Form NODI:	--				

Parameter		Monitoring Location	Season #	Param. NODI		Quantity or Loading					Quality or Concentration						# of Ex.	Frequency of Analysis	Sample Type
Code	Name					Qualifier 1	Value 1	Qualifier 2	Value 2	Units	Qualifier 1	Value 1	Qualifier 2	Value 2	Qualifier 3	Value 3	Units			
00011	**Temperature, water deg. fahrenheit**	1 - Effluent Gross	0	--	Sample										=	64.9	15 - deg F	0	01/30 - Monthly	GR - GRAB
					Permit Req.										<=	90.0 DAILY MX	15 - deg F		01/30 - Monthly	GR - GRAB
					Value NODI															
00056	**Flow rate**	1 - Effluent Gross	0	--	Sample	=	32709.0	=	37920.0	07 - gal/d								0	99/99 - Continuous	MT - METER
					Permit Req.		Req Mon DAILY AV	<=	144000.0 DAILY MX	07 - gal/d									99/99 - Continuous	MT - METER
					Value NODI															
00310	**BOD, 5-day, 20 deg. C**	1 - Effluent Gross	0	--	Sample								<	2.0	<	2.0	19 - mg/L	0	02/30 - Twice Per Month	24 - COMP24
					Permit Req.									Req Mon DAILY AV	<=	5.0 DAILY MX	19 - mg/L		02/30 - Twice Per Month	24 - COMP24
					Value NODI															
X 00400	**pH**	1 - Effluent Gross	0	--	Sample						=	6.27			=	7.29	12 - SU	2	01/07 - Weekly	GR - GRAB
					Permit Req.						>=	6.5 MINIMUM			<=	8.5 MAXIMUM	12 - SU		01/07 - Weekly	GR - GRAB
					Value NODI															
00530	**Solids, total suspended**	1 - Effluent Gross	0	--	Sample								<	2.6	=	4.5	19 - mg/L	0	02/30 - Twice Per Month	24 - COMP24
					Permit Req.								<=	20.0 DAILY AV	<=	40.0 DAILY MX	19 - mg/L		02/30 - Twice Per Month	24 - COMP24
					Value NODI															
00556	**Oil & Grease**	1 - Effluent Gross	0	--	Sample								=	2.5	=	3.0	19 - mg/L	0	02/30 - Twice Per Month	GR - GRAB
					Permit Req.									Req Mon DAILY AV	<=	15.0 DAILY MX	19 - mg/L		02/30 - Twice Per Month	GR - GRAB
					Value NODI															
01002	**Arsenic, total [as As]**	1 - Effluent Gross	0	--	Sample										<	0.75	28 - ug/L	0	01/30 - Monthly	24 - COMP24
					Permit Req.										<=	150.0 DAILY MX	28 - ug/L		01/30 - Monthly	24 - COMP24
					Value NODI															
01027	**Cadmium, total [as Cd]**	1 - Effluent Gross	0	--	Sample										=	1.1	28 - ug/L	0	01/30 - Monthly	24 - COMP24
					Permit Req.										<=	3.9 DAILY MX	28 - ug/L		01/30 - Monthly	24 - COMP24
					Value NODI															
01034	**Chromium, total [as Cr]**	1 - Effluent Gross	0	--	Sample										<	1.2	28 - ug/L	0	01/30 - Monthly	24 - COMP24
					Permit Req.										<=	50.0 DAILY MX	28 - ug/L		01/30 - Monthly	24 - COMP24
					Value NODI															
01040	**Copper, dissolved [as Cu]**	1 - Effluent Gross	0	--	Sample										<	1.7	28 - ug/L	0	01/30 - Monthly	24 - COMP24
					Permit Req.											Req Mon DAILY MX	28 - ug/L		01/30 - Monthly	24 - COMP24
					Value NODI															
01042	**Copper, total [as Cu]**	1 - Effluent Gross	0	--	Sample										=	1.9	28 - ug/L	0	01/30 - Monthly	24 - COMP24
					Permit Req.										<=	19.0 DAILY MX	28 - ug/L		01/30 - Monthly	24 - COMP24
					Value NODI															
01045	**Iron, total [as Fe]**	1 - Effluent Gross	0	--	Sample										<	0.047	19 - mg/L	0	01/30 - Monthly	24 - COMP24
					Permit Req.										<=	1.0 DAILY MX	19 - mg/L		01/30 - Monthly	24 - COMP24
					Value NODI															
01051	**Lead, total [as Pb]**	1 - Effluent Gross	0	--	Sample										=	12.0	28 - ug/L	0	01/30 - Monthly	24 - COMP24
					Permit Req.										<=	25.0 DAILY MX	28 - ug/L		01/30 - Monthly	24 - COMP24
					Value NODI															

01090	**Zinc, dissolved [as Zn]**	1 - Effluent Gross	0	--	Sample									=	1.1	19 - mg/L	0	01/30 - Monthly	24 - COMP24
					Permit Req.										Req Mon DAILY MX	19 - mg/L		01/30 - Monthly	24 - COMP24
					Value NODI														
01092	**Zinc, total [as Zn]**	1 - Effluent Gross	0	--	Sample									=	1.1	19 - mg/L	0	01/30 - Monthly	24 - COMP24
					Permit Req.									<=	2.0 DAILY MX	19 - mg/L		01/30 - Monthly	24 - COMP24
					Value NODI														
32103	**1,2-Dichloroethane**	1 - Effluent Gross	0	--	Sample								<	0.46	<	0.46	28 - ug/L	0	01/07 - Weekly	08 - COMP-8
					Permit Req.									Req Mon DAILY AV	<=	10.0 DAILY MX	28 - ug/L		01/07 - Weekly	08 - COMP-8
					Value NODI														
32106	**Chloroform**	1 - Effluent Gross	0	--	Sample								<	0.47	<	0.47	28 - ug/L	0	01/07 - Weekly	08 - COMP-8
					Permit Req.									Req Mon DAILY AV	<=	10.0 DAILY MX	28 - ug/L		01/07 - Weekly	08 - COMP-8
					Value NODI														
34423	**Methylene chloride**	1 - Effluent Gross	0	--	Sample								<	2.6	<	2.6	28 - ug/L	0	01/07 - Weekly	08 - COMP-8
					Permit Req.									Req Mon DAILY AV	<=	10.0 DAILY MX	28 - ug/L		01/07 - Weekly	08 - COMP-8
					Value NODI														
34496	**1,1-Dichloroethane**	1 - Effluent Gross	0	--	Sample								<	0.47	<	0.47	28 - ug/L	0	01/07 - Weekly	08 - COMP-8
					Permit Req.									Req Mon DAILY AV	<=	10.0 DAILY MX	28 - ug/L		01/07 - Weekly	08 - COMP-8
					Value NODI														
34501	**1,1-Dichloroethylene**	1 - Effluent Gross	0	--	Sample								<	0.49	<	0.49	28 - ug/L	0	01/07 - Weekly	08 - COMP-8
					Permit Req.									Req Mon DAILY AV	<=	10.0 DAILY MX	28 - ug/L		01/07 - Weekly	08 - COMP-8
					Value NODI														
34506	**1,1,1-Trichloroethane**	1 - Effluent Gross	0	--	Sample								<	0.48	<	0.48	28 - ug/L	0	01/07 - Weekly	08 - COMP-8
					Permit Req.									Req Mon DAILY AV	<=	10.0 DAILY MX	28 - ug/L		01/07 - Weekly	08 - COMP-8
					Value NODI														
34546	**trans-1,2-Dichloroethylene**	1 - Effluent Gross	0	--	Sample								<	0.51	<	0.51	28 - ug/L	0	01/07 - Weekly	08 - COMP-8
					Permit Req.									Req Mon DAILY AV	<=	10.0 DAILY MX	28 - ug/L		01/07 - Weekly	08 - COMP-8
					Value NODI														
39175	**Vinyl chloride**	1 - Effluent Gross	0	--	Sample								<	0.45	<	0.45	28 - ug/L	0	02/30 - Twice Per Month	08 - COMP-8
					Permit Req.									Req Mon DAILY AV	<=	10.0 DAILY MX	28 - ug/L		02/30 - Twice Per Month	08 - COMP-8
					Value NODI														
46000	**Phenols**	1 - Effluent Gross	0	--	Sample								<	2.0	<	2.0	28 - ug/L	0	02/30 - Twice Per Month	24 - COMP24
					Permit Req.									Req Mon DAILY AV	<=	5.0 DAILY MX	28 - ug/L		02/30 - Twice Per Month	24 - COMP24
					Value NODI														
50060	**Chlorine, total residual**	1 - Effluent Gross	0	--	Sample										<	0.01	19 - mg/L	0	01/30 - Monthly	GR - GRAB
					Permit Req.										<=	0.1 DAILY MX	19 - mg/L		01/30 - Monthly	GR - GRAB
					Value NODI														
78391	**Trichloroethene**	1 - Effluent Gross	0	--	Sample								=	0.59	=	0.83	28 - ug/L	0	01/07 - Weekly	08 - COMP-8
					Permit Req.									Req Mon DAILY AV	<=	10.0 DAILY MX	28 - ug/L		01/07 - Weekly	08 - COMP-8
					Value NODI														
81574	**1,2-cis-Dichloroethylene**	1 - Effluent Gross	0	--	Sample								<	0.46	<	0.46	28 - ug/L	0	01/07 - Weekly	08 - COMP-8
					Permit Req.									Req Mon DAILY AV	<=	10.0 DAILY MX	28 - ug/L		01/07 - Weekly	08 - COMP-8
					Value NODI														

Submission Note

If a parameter row does not contain any values for the Sample nor Effluent Trading, then none of the following fields will be submitted for that row: Units, Number of Excursions, Frequency of Analysis, and Sample Type.

Edit Check Errors

Parameter		Monitoring Location	Field	Type	Description	Acknowledge
Code	Name					
00400	pH	1 - Effluent Gross	Quality or Concentration Sample Value 1	Soft	The provided sample value is outside the permit limit. Please verify that the value you have provided is correct.	Yes

Comments

See attached non-compliance report for out of range pH values. Results for all 4 weeks of October were also within range.

Attachments

Name	Type	Size
NY0001988_Sanborn_non-comprpt_pH_2023-09-27.pdf	pdf	131988.0

Report Last Saved By

ELM HOLDINGS, INC

User: james.kaczor@aecom.com

Name: James Kaczor

E-Mail:	james.kaczor@aecom.com
Date/Time:	2023-10-27 18:13 (Time Zone: -04:00)
Report Last Signed By	
User:	james.kaczor@aecom.com
Name:	James Kaczor
E-Mail:	james.kaczor@aecom.com
Date/Time:	2023-10-27 18:13 (Time Zone: -04:00)

DMR Copy of Record

Permit

Permit #:	**NY0001988**	**Permittee:**	ELM HOLDINGS, INC	**Facility:**	FORMER CARBORUNDUM COMPLEX
Major:	Yes	**Permittee Address:**	4850 EAST 49TH ST, MBC3-147 CUYAHOGA HEIGHTS, OH 44125	**Facility Location:**	2040 CORY DRIVE SANBORN, NY 14132
Permitted Feature:	01A External Outfall	**Discharge:**	**01A-Q** GROUNDWATER TREATMENT SYSTEM		

Report Dates & Status

Monitoring Period:	**From 07/01/23 to 09/30/23**	**DMR Due Date:**	**10/28/23**	**Status:**	**NetDMR Validated**

Considerations for Form Completion

Principal Executive Officer

First Name:	William	**Title:**	Proj Mgr	**Telephone:**	216-271-8038
Last Name:	Barber				

No Data Indicator (NODI)

Form NODI: --

Parameter		Monitoring Location	Season #	Param. NODI		Quantity or Loading					Quality or Concentration							# of Ex.	Frequency of Analysis	Sample Type
Code	Name					Qualifier 1	Value 1	Qualifier 2	Value 2	Units	Qualifier 1	Value 1	Qualifier 2	Value 2	Qualifier 3	Value 3	Units			
01067	**Nickel, total [as Ni]**	1 - Effluent Gross	0	--	Sample										=	7.5	28 - ug/L	0	01/90 - Quarterly	24 - COMP24
					Permit Req.											Req Mon DAILY MX	28 - ug/L		01/90 - Quarterly	24 - COMP24
					Value NODI															
01077	**Silver, total [as Ag]**	1 - Effluent Gross	0	--	Sample										<	0.053	28 - ug/L	0	01/90 - Quarterly	24 - COMP24
					Permit Req.											Req Mon DAILY MX	28 - ug/L		01/90 - Quarterly	24 - COMP24
					Value NODI															

Submission Note

If a parameter row does not contain any values for the Sample nor Effluent Trading, then none of the following fields will be submitted for that row: Units, Number of Excursions, Frequency of Analysis, and Sample Type.

Edit Check Errors

No errors.

Comments

Attachments

No attachments.

Report Last Saved By

ELM HOLDINGS, INC

User:	james.kaczor@aecom.com
Name:	James Kaczor
E-Mail:	james.kaczor@aecom.com
Date/Time:	2023-10-27 11:54 (Time Zone: -04:00)

Report Last Signed By

User:	james.kaczor@aecom.com
Name:	James Kaczor
E-Mail:	james.kaczor@aecom.com
Date/Time:	2023-10-27 18:08 (Time Zone: -04:00)

DMR Copy of Record

Permit

Permit #:	**NY0001988**	**Permittee:**	ELM HOLDINGS, INC	**Facility:**	FORMER CARBORUNDUM COMPLEX
Major:	Yes	**Permittee Address:**	4850 EAST 49TH ST, MBC3-147 CUYAHOGA HEIGHTS, OH 44125	**Facility Location:**	2040 CORY DRIVE SANBORN, NY 14132
Permitted Feature:	01A External Outfall	**Discharge:**	**01A-V** OUTFALL 01A ACTION LEVELS		

Report Dates & Status

Monitoring Period:	**From 07/01/23 to 09/30/23**	**DMR Due Date:**	**10/28/23**	**Status:**	**NetDMR Validated**

Considerations for Form Completion

Principal Executive Officer

First Name:	William	**Title:**	Proj Mgr	**Telephone:**	216-271-8038
Last Name:	Barber				

No Data Indicator (NODI)

Form NODI: --

Parameter		Monitoring Location	Season #	Param. NODI		Quantity or Loading					Quality or Concentration							# of Ex.	Frequency of Analysis	Sample Type
Code	Name					Qualifier 1	Value 1	Qualifier 2	Value 2	Units	Qualifier 1	Value 1	Qualifier 2	Value 2	Qualifier 3	Value 3	Units			
01067	**Nickel, total [as Ni]**	V - See Comments	0	--	Sample			=	0.002372	26 - lb/d								0	01/90 - Quarterly	24 - COMP24
					Permit Req.			<=	0.026 DAILY MX	26 - lb/d									01/90 - Quarterly	24 - COMP24
					Value NODI															
01077	**Silver, total [as Ag]**	V - See Comments	0	--	Sample			<	0.0000168	26 - lb/d								0	01/90 - Quarterly	24 - COMP24
					Permit Req.			<=	0.006 DAILY MX	26 - lb/d									01/90 - Quarterly	24 - COMP24
					Value NODI															

Submission Note

If a parameter row does not contain any values for the Sample nor Effluent Trading, then none of the following fields will be submitted for that row: Units, Number of Excursions, Frequency of Analysis, and Sample Type.

Edit Check Errors

No errors.

Comments

Attachments

No attachments.

Report Last Saved By

ELM HOLDINGS, INC

User:	james.kaczor@aecom.com
Name:	James Kaczor
E-Mail:	james.kaczor@aecom.com
Date/Time:	2023-10-27 11:56 (Time Zone: -04:00)

Report Last Signed By

User:	james.kaczor@aecom.com
Name:	James Kaczor
E-Mail:	james.kaczor@aecom.com
Date/Time:	2023-10-27 18:07 (Time Zone: -04:00)

Appendix B

SECTION 1

New York State Department of Environmental Conservation
Division of Water

Report of Noncompliance Event

To: DEC Water Contact Denine Jackson ***DEC Region:*** 9

Report Type: ___ *5 Day* ___ *Permit Violation* ___ *Order Violation* ___ *Anticipated Noncompliance* ___ *Bypass/Overflow* ✓ *Other*

SECTION 2

SPDES #: NY- 0001988 **Facility:** Former Carborundum Complex

Date of noncompliance: 09/19/2023 **Location (Outfall, Treatment Unit, or Pump Station):** 01-A

Description of noncompliance(s) and cause(s): Bench-top pH values measured in the field on 9/14/23 and 9/19/23 were reported as 6.38 and 6.27, respectively. Values determined on 9/5/23 and 9/24/23 were within normal range at 7.29 and 7.19, respectively. The cause of the lower-than-normal readings has been determined to be procedural - i.e., the field technician did not allow sufficient time for the pH reading to stabilize before terminating the test.

Has event ceased? Yes **If so, when?** 9/24/23 **Was event due to plant upset?** No **SPDES limits violated?** Yes

Start date, time of event: 09/14/2023, 11:00 am **End date, time of event:** 09/19/2023 11:00 am

Date, time oral notification made to DEC? 10/27/2023, 3:30 pm **DEC Official contacted:** Denine Jackson

Immediate corrective actions: The field technician was retrained on the operation of the instrument. pH buffers were inspected and were confirmed to be within their respective expiration dates.

Preventive (long term) corrective actions: Periodically review field testing procedures with field staff. Ensure field staff are familiar with operations manual and care and maintenance of the instrument.

SECTION 3

Complete this section if event was a bypass:

Bypass amount: _____ Was prior DEC authorization received for this event? No

DEC Official contacted: _____ Date of DEC approval: _____

Describe event in "Description of noncompliance and cause" area in Section 2. Detail the start and end dates and times in Section 2 also.

SECTION 4

Facility Representative: James L. Kaczor **Title:** Attorney-in-Fact for Elm Holdings Inc. **Date:** 10/27/23

Phone #: (716) 856-5636 **Fax #:** (N/A)

I Certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

Kaczor, James Digitally signed by Kaczor, James DN: cn=Kaczor, James, ou=USAMH1, email=James.Kaczor@aecom.com Date: 2023.10.27 15:46:20 -04'00'

Signature of Principal Executive Officer or Authorized Agent

DMR Copy of Record

Permit					
Permit #:	**NY0001988**	**Permittee:**	ELM HOLDINGS, INC	**Facility:**	FORMER CARBORUNDUM COMPLEX
Major:	Yes	**Permittee Address:**	4850 EAST 49TH ST, MBC3-147 CUYAHOGA HEIGHTS, OH 44125	**Facility Location:**	2040 CORY DRIVE SANBORN, NY 14132
Permitted Feature:	01A External Outfall	**Discharge:**	**01A-M** GROUNDWATER TREATMENT SYSTEM		
Report Dates & Status					
Monitoring Period:	**From 10/01/23 to 10/31/23**	**DMR Due Date:**	**11/28/23**	**Status:**	**NetDMR Validated**
Considerations for Form Completion					
PLEASE REVIEW FOOTNOTES #1, #2, AND #3 OF PERMIT FOR DETAILED INSTRUCTIONS, AND ALSO REVIEW SPECIAL CONDITIONS INVOLVING CERTAIN PARAMETERS.					
Principal Executive Officer					
First Name:	William	**Title:**	Proj Mgr	**Telephone:**	216-271-8038
Last Name:	Barber				
No Data Indicator (NODI)					
Form NODI:	--				

Parameter		Monitoring Location	Season #	Param. NODI		Quantity or Loading					Quality or Concentration						# of Ex.	Frequency of Analysis	Sample Type
Code	Name					Qualifier 1	Value 1	Qualifier 2	Value 2	Units	Qualifier 1	Value 1	Qualifier 2	Value 2	Qualifier 3	Value 3	Units			
00011	**Temperature, water deg. fahrenheit**	1 - Effluent Gross	0	--	Sample										=	66.9	15 - deg F	0	01/30 - Monthly	GR - GRAB
					Permit Req.										<=	90.0 DAILY MX	15 - deg F		01/30 - Monthly	GR - GRAB
					Value NODI															
00056	**Flow rate**	1 - Effluent Gross	0	--	Sample	=	36284.0	=	36743.0	07 - gal/d								0	99/99 - Continuous	MT - METER
					Permit Req.		Req Mon DAILY AV	<=	144000.0 DAILY MX	07 - gal/d									99/99 - Continuous	MT - METER
					Value NODI															
00310	**BOD, 5-day, 20 deg. C**	1 - Effluent Gross	0	--	Sample								<	2.0	<	2.0	19 - mg/L	0	02/30 - Twice Per Month	24 - COMP24
					Permit Req.									Req Mon DAILY AV	<=	5.0 DAILY MX	19 - mg/L		02/30 - Twice Per Month	24 - COMP24
					Value NODI															
00400	**pH**	1 - Effluent Gross	0	--	Sample						=	6.82			=	7.21	12 - SU	0	01/07 - Weekly	GR - GRAB
					Permit Req.						>=	6.5 MINIMUM			<=	8.5 MAXIMUM	12 - SU		01/07 - Weekly	GR - GRAB
					Value NODI															
00530	**Solids, total suspended**	1 - Effluent Gross	0	--	Sample								=	8.25	=	16.0	19 - mg/L	0	02/30 - Twice Per Month	24 - COMP24
					Permit Req.								<=	20.0 DAILY AV	<=	40.0 DAILY MX	19 - mg/L		02/30 - Twice Per Month	24 - COMP24
					Value NODI															
00556	**Oil & Grease**	1 - Effluent Gross	0	--	Sample								=	2.1	=	2.1	19 - mg/L	0	02/30 - Twice Per Month	GR - GRAB
					Permit Req.									Req Mon DAILY AV	<=	15.0 DAILY MX	19 - mg/L		02/30 - Twice Per Month	GR - GRAB
					Value NODI															
01002	**Arsenic, total [as As]**	1 - Effluent Gross	0	--	Sample										=	0.9	28 - ug/L	0	01/30 - Monthly	24 - COMP24
					Permit Req.										<=	150.0 DAILY MX	28 - ug/L		01/30 - Monthly	24 - COMP24
					Value NODI															
01027	**Cadmium, total [as Cd]**	1 - Effluent Gross	0	--	Sample										=	1.9	28 - ug/L	0	01/30 - Monthly	24 - COMP24
					Permit Req.										<=	3.9 DAILY MX	28 - ug/L		01/30 - Monthly	24 - COMP24
					Value NODI															
01034	**Chromium, total [as Cr]**	1 - Effluent Gross	0	--	Sample										=	1.2	28 - ug/L	0	01/30 - Monthly	24 - COMP24
					Permit Req.										<=	50.0 DAILY MX	28 - ug/L		01/30 - Monthly	24 - COMP24
					Value NODI															
01040	**Copper, dissolved [as Cu]**	1 - Effluent Gross	0	--	Sample										<	1.7	28 - ug/L	0	01/30 - Monthly	24 - COMP24
					Permit Req.											Req Mon DAILY MX	28 - ug/L		01/30 - Monthly	24 - COMP24
					Value NODI															
01042	**Copper, total [as Cu]**	1 - Effluent Gross	0	--	Sample										=	11.0	28 - ug/L	0	01/30 - Monthly	24 - COMP24
					Permit Req.										<=	19.0 DAILY MX	28 - ug/L		01/30 - Monthly	24 - COMP24
					Value NODI															
01045	**Iron, total [as Fe]**	1 - Effluent Gross	0	--	Sample										=	0.39	19 - mg/L	0	01/30 - Monthly	24 - COMP24
					Permit Req.										<=	1.0 DAILY MX	19 - mg/L		01/30 - Monthly	24 - COMP24
					Value NODI															
X 01051	**Lead, total [as Pb]**	1 - Effluent Gross	0	--	Sample										=	88.0	28 - ug/L	1	01/30 - Monthly	24 - COMP24
					Permit Req.										<=	25.0 DAILY MX	28 - ug/L		01/30 - Monthly	24 - COMP24
					Value NODI															

01090	**Zinc, dissolved [as Zn]**	1 - Effluent Gross	0	--	Sample									=	1.2	19 - mg/L	0	01/30 - Monthly	24 - COMP24
					Permit Req.										Req Mon DAILY MX	19 - mg/L		01/30 - Monthly	24 - COMP24
					Value NODI														
X 01092	**Zinc, total [as Zn]**	1 - Effluent Gross	0	--	Sample									=	2.3	19 - mg/L	1	01/30 - Monthly	24 - COMP24
					Permit Req.									<=	2.0 DAILY MX	19 - mg/L		01/30 - Monthly	24 - COMP24
					Value NODI														
32103	**1,2-Dichloroethane**	1 - Effluent Gross	0	--	Sample								<	0.46	<	0.46	28 - ug/L	0	01/07 - Weekly	08 - COMP-8
					Permit Req.									Req Mon DAILY AV	<=	10.0 DAILY MX	28 - ug/L		01/07 - Weekly	08 - COMP-8
					Value NODI														
32106	**Chloroform**	1 - Effluent Gross	0	--	Sample								<	0.47	<	0.47	28 - ug/L	0	01/07 - Weekly	08 - COMP-8
					Permit Req.									Req Mon DAILY AV	<=	10.0 DAILY MX	28 - ug/L		01/07 - Weekly	08 - COMP-8
					Value NODI														
34423	**Methylene chloride**	1 - Effluent Gross	0	--	Sample								<	2.6	<	2.6	28 - ug/L	0	01/07 - Weekly	08 - COMP-8
					Permit Req.									Req Mon DAILY AV	<=	10.0 DAILY MX	28 - ug/L		01/07 - Weekly	08 - COMP-8
					Value NODI														
34496	**1,1-Dichloroethane**	1 - Effluent Gross	0	--	Sample								<	0.47	<	0.47	28 - ug/L	0	01/07 - Weekly	08 - COMP-8
					Permit Req.									Req Mon DAILY AV	<=	10.0 DAILY MX	28 - ug/L		01/07 - Weekly	08 - COMP-8
					Value NODI														
34501	**1,1-Dichloroethylene**	1 - Effluent Gross	0	--	Sample								<	0.49	<	0.49	28 - ug/L	0	01/07 - Weekly	08 - COMP-8
					Permit Req.									Req Mon DAILY AV	<=	10.0 DAILY MX	28 - ug/L		01/07 - Weekly	08 - COMP-8
					Value NODI														
34506	**1,1,1-Trichloroethane**	1 - Effluent Gross	0	--	Sample								<	0.48	<	0.48	28 - ug/L	0	01/07 - Weekly	08 - COMP-8
					Permit Req.									Req Mon DAILY AV	<=	10.0 DAILY MX	28 - ug/L		01/07 - Weekly	08 - COMP-8
					Value NODI														
34546	**trans-1,2-Dichloroethylene**	1 - Effluent Gross	0	--	Sample								<	0.51	<	0.51	28 - ug/L	0	01/07 - Weekly	08 - COMP-8
					Permit Req.									Req Mon DAILY AV	<=	10.0 DAILY MX	28 - ug/L		01/07 - Weekly	08 - COMP-8
					Value NODI														
39175	**Vinyl chloride**	1 - Effluent Gross	0	--	Sample								<	0.45	<	0.45	28 - ug/L	0	02/30 - Twice Per Month	08 - COMP-8
					Permit Req.									Req Mon DAILY AV	<=	10.0 DAILY MX	28 - ug/L		02/30 - Twice Per Month	08 - COMP-8
					Value NODI														
46000	**Phenols**	1 - Effluent Gross	0	--	Sample								<	2.0	<	2.0	28 - ug/L	0	02/30 - Twice Per Month	24 - COMP24
					Permit Req.									Req Mon DAILY AV	<=	5.0 DAILY MX	28 - ug/L		02/30 - Twice Per Month	24 - COMP24
					Value NODI														
50060	**Chlorine, total residual**	1 - Effluent Gross	0	--	Sample										<	0.01	19 - mg/L	0	01/30 - Monthly	GR - GRAB
					Permit Req.										<=	0.1 DAILY MX	19 - mg/L		01/30 - Monthly	GR - GRAB
					Value NODI														
78391	**Trichloroethene**	1 - Effluent Gross	0	--	Sample								=	1.0	=	1.1	28 - ug/L	0	01/07 - Weekly	08 - COMP-8
					Permit Req.									Req Mon DAILY AV	<=	10.0 DAILY MX	28 - ug/L		01/07 - Weekly	08 - COMP-8
					Value NODI														
81574	**1,2-cis-Dichloroethylene**	1 - Effluent Gross	0	--	Sample								<	0.46	<	0.46	28 - ug/L	0	01/07 - Weekly	08 - COMP-8
					Permit Req.									Req Mon DAILY AV	<=	10.0 DAILY MX	28 - ug/L		01/07 - Weekly	08 - COMP-8
					Value NODI														

Submission Note

If a parameter row does not contain any values for the Sample nor Effluent Trading, then none of the following fields will be submitted for that row: Units, Number of Excursions, Frequency of Analysis, and Sample Type.

Edit Check Errors

Parameter		Monitoring Location	Field	Type	Description	Acknowledge
Code	Name					
01092	Zinc, total [as Zn]	1 - Effluent Gross	Quality or Concentration Sample Value 3	Soft	The provided sample value is outside the permit limit. Please verify that the value you have provided is correct.	Yes
01051	Lead, total [as Pb]	1 - Effluent Gross	Quality or Concentration Sample Value 3	Soft	The provided sample value is outside the permit limit. Please verify that the value you have provided is correct.	Yes

Comments

Initial 10/3/23 samples for Pb and Zn that exceeded daily max were resampled on 10/20/23 and both parameters were below daily max. Respective non-compliance reports are attached.

Attachments

Name	Type	Size
NY0001988_Sanborn_noncomprpt_Pb_pe2023-10-28.pdf	pdf	153535.0
NY0001988_Sanborn_noncomprpt_Zn_2023-10-28.pdf	pdf	153588.0

Report Last Saved By

ELM HOLDINGS, INC

User:	james.kaczor@aecom.com
Name:	James Kaczor
E-Mail:	james.kaczor@aecom.com
Date/Time:	2023-11-28 17:41 (Time Zone: -05:00)
Report Last Signed By	
User:	james.kaczor@aecom.com
Name:	James Kaczor
E-Mail:	james.kaczor@aecom.com
Date/Time:	2023-11-28 17:42 (Time Zone: -05:00)

Appendix B

SECTION 1

New York State Department of Environmental Conservation
Division of Water

Report of Noncompliance Event

To: DEC Water Contact Denine Jackson ***DEC Region:*** 9

Report Type: ___ *5 Day* ___ *Permit Violation* ___ *Order Violation* ___ *Anticipated Noncompliance* ___ *Bypass/Overflow* ✓ *Other*

SECTION 2

SPDES #: NY- 0001988 **Facility:** Former Carborundum Complex

Date of noncompliance: 10/03/2023 **Location (Outfall, Treatment Unit, or Pump Station):** 01-A

Description of noncompliance(s) and cause(s): Lead (Total) was reported at 88 ug/L for the sample collected on October 3, 2023; data were received October 16, 2023. Following review and confirmation of the results with the laboratory, a re-sample was collected on October 20, 2023. The October 20, 2023 result was 7.1 ug/L, below the discharge criterion of 25 ug/L.

Has event ceased? Yes **If so, when?** 10/20/23 **Was event due to plant upset?** No **SPDES limits violated?** Yes

Start date, time of event: 10/03/2023, 11:00 am **End date, time of event:** 10/20/2023 11:00 am

Date, time oral notification made to DEC? 11/28/2023, 5:30 pm **DEC Official contacted:** Denine Jackson

Immediate corrective actions: Immediately following receipt of the October 3, 2023 data the treatment system was thoroughly checked for potential concerns, including inspection of bag filters and system components. Implementation of additional lead sampling throughout the system is ongoing to isolate where the lead is originating.

Preventive (long term) corrective actions: Plant staff have been advised to monitor the condition of the treatment system for indications of potential wear or cross-contamination. An engineering assessment of individual system components is also ongoing. Recommendations regarding replacement of certain system components is anticipated for completion in December 2023.

SECTION 3

Complete this section if event was a bypass:

Bypass amount: _____ Was prior DEC authorization received for this event? No

DEC Official contacted: _____ Date of DEC approval: _____

Describe event in "Description of noncompliance and cause" area in Section 2. Detail the start and end dates and times in Section 2 also.

SECTION 4

Facility Representative: James L. Kaczor **Title:** Attorney-in-Fact for Elm Holdings Inc. **Date:** 11/28/23

Phone #: (716) 856-5636 **Fax #:** (N/A)

I Certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

Kaczor, James Digitally signed by Kaczor, James Date: 2023.11.28 17:26:59 -05'00'

Signature of Principal Executive Officer or Authorized Agent

INSTRUCTIONS

The Division of Water developed this standardized form to simplify the reporting of noncompliance events. The SPDES Permit General Conditions, require that certain discharges of untreated or partially treated sewage must be reported orally within either 2 hours[1] or 24 hours and also in writing within five (5) days as required by the appropriate regulation. All other permit noncompliance shall be reported as attachments to the Discharge Monitoring Report (DMR). This form should be used for these events as well as to report noncompliance relating to consent orders, scheduled events and bypass events.

All necessary information can readily be reported to DEC on this form. Additional information required to describe the event can be attached. **Please make additional copies of this form and use as needed**. Instructions are provided below. For questions on form use please contact the appropriate office listed below for the county where your permitted facility is located. Thank you for your cooperation.

Instructions to complete and submit Noncompliance Report

1. Provide facility information and all applicable event details in Sections 1 through 3. Dates should be completed in month/day/year format.

2. Provide your name, title, business phone number, and date report was completed in Section 4. Use additional sheets as needed to provide full detail of the event in Section 2.

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DEC Regional Offices:

REGION 1

Regional Water Engineer
NYS SUNY , Bldg. 40
Loop Road
Stony Brook, NY 11790-2356
Phone: 631-444-0405 Fax: 631-444-0373
Counties:
Nassau Suffolk

REGION 2

Regional Water Engineer
One Hunters Point Plaza
47-40 21st St.
Long Island City, NY 11101-5407
Phone: 718-482-4900 Fax: 718-482-6516
Counties: Queens Bronx
New York Richmond Kings

REGION 3 **

Regional Water Engineer
21 So. Putt Corners Rd
New Paltz, NY 12561-1696
Phone: 845-256-3000 Fax: 845-255-0714
Counties: Rockland Dutchess
Sullivan Orange Ulster
Putnam Westchester

REGION 4

Regional Water Engineer
1150 North Westcott Rd.
Schenectady, NY 12306-2014
Phone: 518-357-2045 Fax: 518-357-2398
Counties: Montgomery Albany
Otsego Rensselaer Columbia
Delaware Schoharie Greene
Schenectady

REGION 5 **

Regional Water Engineer
Route 86, P.O. Box 296
Ray Brook N.Y. 12977-0296
Phone: 518-897-1241 Fax: 518-897-1245
Counties:
Clinton Hamilton Franklin
Essex Saratoga Warren
Fulton Washington

REGION 6 **

Regional Water Engineer
Region 6 Suboffice
State Office Bldg.
207 Genesee St.
Utica, NY 13500
Phone: 315-793-2554 Fax: 315-793-2748
Counties: Lewis Jefferson
Herkimer Oneida St. Lawrence

REGION 7

Regional Water Engineer
615 Erie Blvd West
Syracuse, NY 13204-2400
Phone: 315-426-7506 Fax: 315-426-7402
Counties: Madison Cayuga
Broome Onondaga Oswego
Chenango Tioga Tompkins
Cortland

REGION 8

Regional Water Engineer
6274 East Avon-Lima Rd
Avon, NY 14414-9519
Phone: 585-226-2466 Fax: 585-226-2830
Counties: Orleans Genessee
Chemung Schuyler Seneca
Livingston Steuben Ontario
Monroe Wayne Yates

REGION 9

Regional Water Engineer
270 Michigan Avenue
Buffalo, NY 14203-2999
Phone: 716-851-7070 Fax: 716-851-7009
Counties: Allegany Erie
Cattaraugus Niagara Wyoming
Chautauqua

** **REGION 3 Suboffice**
Regional Water Staff
200 White Plains Rd.., 5th Floor
Tarrytown, NY 10591-5805
Phone: 914-332-1835
Fax: 914-332-4670

REGION 5 Suboffice
Regional Water Staff
Box 220, Hudson St Extension
Warrensburg, NY 12885-0220
Phone: 518-623-1200
Fax: 518-623-4193

REGION 6 Suboffice
Regional Water Staff
317 Washington St.
Watertown, NY 13601-3787
Phone: 315-785-2513
Fax: 315-785-2422

[1] This requirement reflects proposed pending regulations.

Appendix B

SECTION 1

New York State Department of Environmental Conservation
Division of Water

Report of Noncompliance Event

To: DEC Water Contact Denine Jackson ***DEC Region:*** 9

Report Type: ___ *5 Day* ___ *Permit Violation* ___ *Order Violation* ___ *Anticipated Noncompliance* ___ *Bypass/Overflow* ✔ *Other*

SECTION 2

SPDES #: NY- 0001988 **Facility:** Former Carborundum Complex

Date of noncompliance: 10/03/2023 **Location (Outfall, Treatment Unit, or Pump Station):** 01-A

Description of noncompliance(s) and cause(s): Zinc (Total) was reported at 2.3 mg/L for the sample collected on October 3, 2023; data were received October 16, 2023. Following review and confirmation of the results with the laboratory, a re-sample was collected on October 20, 2023. The October 20, 2023 result was 1.1 mg/L, below the discharge criterion of 2.0 mg/L. Accounting for both samples, the average for the month, 1.7 mg/L, was also below the discharge criterion.

Has event ceased? Yes **If so, when?** 10/20/23 **Was event due to plant upset?** No **SPDES limits violated?** Yes

Start date, time of event: 10/03/2023, 11:00 am **End date, time of event:** 10/20/2023 11:00 am

Date, time oral notification made to DEC? 11/28/2023, 5:30 pm **DEC Official contacted:** Denine Jackson

Immediate corrective actions: Immediately following receipt of the October 3, 2023 data the treatment system was thoroughly checked for potential concerns, including inspection of bag filters and system components.

Preventive (long term) corrective actions: Plant staff have been advised to monitor the condition of the treatment system for indications of potential wear or cross-contamination. An engineering assessment of individual system components is also ongoing. Recommendations regarding replacement of certain system components is anticipated for completion in December 2023.

SECTION 3

Complete this section if event was a bypass:

Bypass amount: _____ Was prior DEC authorization received for this event? No

DEC Official contacted: _____ Date of DEC approval: _____

Describe event in "Description of noncompliance and cause" area in Section 2. Detail the start and end dates and times in Section 2 also.

SECTION 4

Facility Representative: James L. Kaczor **Title:** Attorney-in-Fact for Elm Holdings Inc. **Date:** 11/28/23

Phone #: (716) 856-5636 **Fax #:** (N/A)

I Certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

✘aczor, James Digitally signed by Kaczor, James Date: 2023.11.28 17:32:01 -05'00'

Signature of Principal Executive Officer or Authorized Agent

INSTRUCTIONS

The Division of Water developed this standardized form to simplify the reporting of noncompliance events. The SPDES Permit General Conditions, require that certain discharges of untreated or partially treated sewage must be reported orally within either 2 hours[1] or 24 hours and also in writing within five (5) days as required by the appropriate regulation. All other permit noncompliance shall be reported as attachments to the Discharge Monitoring Report (DMR). This form should be used for these events as well as to report noncompliance relating to consent orders, scheduled events and bypass events.

All necessary information can readily be reported to DEC on this form. Additional information required to describe the event can be attached. **Please make additional copies of this form and use as needed**. Instructions are provided below. For questions on form use please contact the appropriate office listed below for the county where your permitted facility is located. Thank you for your cooperation.

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1. Provide facility information and all applicable event details in Sections 1 through 3. Dates should be completed in month/day/year format.

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REGION 1 Regional Water Engineer NYS SUNY , Bldg. 40 Loop Road Stony Brook, NY 11790-2356 Phone: 631-444-0405 Fax: 631-444-0373 **Counties:** Nassau Suffolk	**REGION 2** Regional Water Engineer One Hunters Point Plaza 47-40 21st St. Long Island City, NY 11101-5407 Phone: 718-482-4900 Fax: 718-482-6516 **Counties:** Queens Bronx New York Richmond Kings	**REGION 3** ** Regional Water Engineer 21 So. Putt Corners Rd New Paltz, NY 12561-1696 Phone: 845-256-3000 Fax: 845-255-0714 **Counties:** Rockland Dutchess Sullivan Orange Ulster Putnam Westchester
REGION 4 Regional Water Engineer 1150 North Westcott Rd. Schenectady, NY 12306-2014 Phone: 518-357-2045 Fax: 518-357-2398 **Counties:** Montgomery Albany Otsego Rensselaer Columbia Delaware Schoharie Greene Schenectady	**REGION 5** ** Regional Water Engineer Route 86, P.O. Box 296 Ray Brook N.Y. 12977-0296 Phone: 518-897-1241 Fax: 518-897-1245 **Counties:** Clinton Hamilton Franklin Essex Saratoga Warren Fulton Washington	**REGION 6** ** Regional Water Engineer Region 6 Suboffice State Office Bldg. 207 Genesee St. Utica, NY 13500 Phone: 315-793-2554 Fax: 315-793-2748 **Counties:** Lewis Jefferson Herkimer Oneida St. Lawrence
REGION 7 Regional Water Engineer 615 Erie Blvd West Syracuse, NY 13204-2400 Phone: 315-426-7506 Fax: 315-426-7402 **Counties:** Madison Cayuga Broome Onondaga Oswego Chenango Tioga Tompkins Cortland	**REGION 8** Regional Water Engineer 6274 East Avon-Lima Rd Avon, NY 14414-9519 Phone: 585-226-2466 Fax: 585-226-2830 **Counties:** Orleans Genessee Chemung Schuyler Seneca Livingston Steuben Ontario Monroe Wayne Yates	**REGION 9** Regional Water Engineer 270 Michigan Avenue Buffalo, NY 14203-2999 Phone: 716-851-7070 Fax: 716-851-7009 **Counties:** Allegany Erie Cattaraugus Niagara Wyoming Chautauqua

** **REGION 3 Suboffice**
Regional Water Staff
200 White Plains Rd.., 5th Floor
Tarrytown, NY 10591-5805
Phone: 914-332-1835
Fax: 914-332-4670

REGION 5 Suboffice
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Warrensburg, NY 12885-0220
Phone: 518-623-1200
Fax: 518-623-4193

REGION 6 Suboffice
Regional Water Staff
317 Washington St.
Watertown, NY 13601-3787
Phone: 315-785-2513
Fax: 315-785-2422

[1] This requirement reflects proposed pending regulations.

DMR Copy of Record

Permit					
Permit #:	**NY0001988**	**Permittee:**	ELM HOLDINGS, INC	**Facility:**	FORMER CARBORUNDUM COMPLEX
Major:	Yes	**Permittee Address:**	4850 EAST 49TH ST, MBC3-147 CUYAHOGA HEIGHTS, OH 44125	**Facility Location:**	2040 CORY DRIVE SANBORN, NY 14132
Permitted Feature:	01A External Outfall	**Discharge:**	**01A-M** GROUNDWATER TREATMENT SYSTEM		
Report Dates & Status					
Monitoring Period:	**From 11/01/23 to 11/30/23**	**DMR Due Date:**	**12/28/23**	**Status:**	**NetDMR Validated**
Considerations for Form Completion					
PLEASE REVIEW FOOTNOTES #1, #2, AND #3 OF PERMIT FOR DETAILED INSTRUCTIONS, AND ALSO REVIEW SPECIAL CONDITIONS INVOLVING CERTAIN PARAMETERS.					
Principal Executive Officer					
First Name:	William	**Title:**	Proj Mgr	**Telephone:**	216-271-8038
Last Name:	Barber				
No Data Indicator (NODI)					
Form NODI:	--				

Parameter		Monitoring Location	Season #	Param. NODI		Quantity or Loading					Quality or Concentration						# of Ex.	Frequency of Analysis	Sample Type
Code	Name					Qualifier 1	Value 1	Qualifier 2	Value 2	Units	Qualifier 1	Value 1	Qualifier 2	Value 2	Qualifier 3	Value 3	Units			
00011	**Temperature, water deg. fahrenheit**	1 - Effluent Gross	0	--	Sample										=	61.9	15 - deg F	0	01/30 - Monthly	GR - GRAB
					Permit Req.										<=	90.0 DAILY MX	15 - deg F		01/30 - Monthly	GR - GRAB
					Value NODI															
00056	**Flow rate**	1 - Effluent Gross	0	--	Sample	=	34197.0	=	34875.0	07 - gal/d								0	99/99 - Continuous	MT - METER
					Permit Req.		Req Mon DAILY AV	<=	144000.0 DAILY MX	07 - gal/d									99/99 - Continuous	MT - METER
					Value NODI															
00310	**BOD, 5-day, 20 deg. C**	1 - Effluent Gross	0	--	Sample								<	2.0	<	2.0	19 - mg/L	0	02/30 - Twice Per Month	24 - COMP24
					Permit Req.									Req Mon DAILY AV	<=	5.0 DAILY MX	19 - mg/L		02/30 - Twice Per Month	24 - COMP24
					Value NODI															
00400	**pH**	1 - Effluent Gross	0	--	Sample						=	7.11			=	7.95	12 - SU	0	01/07 - Weekly	GR - GRAB
					Permit Req.						>=	6.5 MINIMUM			<=	8.5 MAXIMUM	12 - SU		01/07 - Weekly	GR - GRAB
					Value NODI															
00530	**Solids, total suspended**	1 - Effluent Gross	0	--	Sample								<	4.0	=	7.6	19 - mg/L	0	02/30 - Twice Per Month	24 - COMP24
					Permit Req.								<=	20.0 DAILY AV	<=	40.0 DAILY MX	19 - mg/L		02/30 - Twice Per Month	24 - COMP24
					Value NODI															
00556	**Oil & Grease**	1 - Effluent Gross	0	--	Sample								=	3.7	=	5.2	19 - mg/L	0	02/30 - Twice Per Month	GR - GRAB
					Permit Req.									Req Mon DAILY AV	<=	15.0 DAILY MX	19 - mg/L		02/30 - Twice Per Month	GR - GRAB
					Value NODI															
01002	**Arsenic, total [as As]**	1 - Effluent Gross	0	--	Sample										<	0.75	28 - ug/L	0	01/30 - Monthly	24 - COMP24
					Permit Req.										<=	150.0 DAILY MX	28 - ug/L		01/30 - Monthly	24 - COMP24
					Value NODI															
01027	**Cadmium, total [as Cd]**	1 - Effluent Gross	0	--	Sample										=	1.6	28 - ug/L	0	01/30 - Monthly	24 - COMP24
					Permit Req.										<=	3.9 DAILY MX	28 - ug/L		01/30 - Monthly	24 - COMP24
					Value NODI															
01034	**Chromium, total [as Cr]**	1 - Effluent Gross	0	--	Sample										<	1.2	28 - ug/L	0	01/30 - Monthly	24 - COMP24
					Permit Req.										<=	50.0 DAILY MX	28 - ug/L		01/30 - Monthly	24 - COMP24
					Value NODI															
01040	**Copper, dissolved [as Cu]**	1 - Effluent Gross	0	--	Sample										<	1.7	28 - ug/L	0	01/30 - Monthly	24 - COMP24
					Permit Req.											Req Mon DAILY MX	28 - ug/L		01/30 - Monthly	24 - COMP24
					Value NODI															
01042	**Copper, total [as Cu]**	1 - Effluent Gross	0	--	Sample										=	7.3	28 - ug/L	0	01/30 - Monthly	24 - COMP24
					Permit Req.										<=	19.0 DAILY MX	28 - ug/L		01/30 - Monthly	24 - COMP24
					Value NODI															
01045	**Iron, total [as Fe]**	1 - Effluent Gross	0	--	Sample										=	0.22	19 - mg/L	0	01/30 - Monthly	24 - COMP24
					Permit Req.										<=	1.0 DAILY MX	19 - mg/L		01/30 - Monthly	24 - COMP24
					Value NODI															
X 01051	**Lead, total [as Pb]**	1 - Effluent Gross	0	--	Sample										=	63.0	28 - ug/L	1	01/30 - Monthly	24 - COMP24
					Permit Req.										<=	25.0 DAILY MX	28 - ug/L		01/30 - Monthly	24 - COMP24
					Value NODI															

01090	**Zinc, dissolved [as Zn]**	1 - Effluent Gross	0	--	Sample									=	1.1	19 - mg/L	0	01/30 - Monthly	24 - COMP24
					Permit Req.										Req Mon DAILY MX	19 - mg/L		01/30 - Monthly	24 - COMP24
					Value NODI														
01092	**Zinc, total [as Zn]**	1 - Effluent Gross	0	--	Sample									=	2.0	19 - mg/L	0	01/30 - Monthly	24 - COMP24
					Permit Req.									<=	2.0 DAILY MX	19 - mg/L		01/30 - Monthly	24 - COMP24
					Value NODI														
32103	**1,2-Dichloroethane**	1 - Effluent Gross	0	--	Sample							<	0.46	<	0.46	28 - ug/L	0	01/07 - Weekly	08 - COMP-8
					Permit Req.								Req Mon DAILY AV	<=	10.0 DAILY MX	28 - ug/L		01/07 - Weekly	08 - COMP-8
					Value NODI														
32106	**Chloroform**	1 - Effluent Gross	0	--	Sample							<	0.47	<	0.47	28 - ug/L	0	01/07 - Weekly	08 - COMP-8
					Permit Req.								Req Mon DAILY AV	<=	10.0 DAILY MX	28 - ug/L		01/07 - Weekly	08 - COMP-8
					Value NODI														
34423	**Methylene chloride**	1 - Effluent Gross	0	--	Sample							<	2.6	<	2.6	28 - ug/L	0	01/07 - Weekly	08 - COMP-8
					Permit Req.								Req Mon DAILY AV	<=	10.0 DAILY MX	28 - ug/L		01/07 - Weekly	08 - COMP-8
					Value NODI														
34496	**1,1-Dichloroethane**	1 - Effluent Gross	0	--	Sample							<	0.47	<	0.47	28 - ug/L	0	01/07 - Weekly	08 - COMP-8
					Permit Req.								Req Mon DAILY AV	<=	10.0 DAILY MX	28 - ug/L		01/07 - Weekly	08 - COMP-8
					Value NODI														
34501	**1,1-Dichloroethylene**	1 - Effluent Gross	0	--	Sample							<	0.49	<	0.49	28 - ug/L	0	01/07 - Weekly	08 - COMP-8
					Permit Req.								Req Mon DAILY AV	<=	10.0 DAILY MX	28 - ug/L		01/07 - Weekly	08 - COMP-8
					Value NODI														
34506	**1,1,1-Trichloroethane**	1 - Effluent Gross	0	--	Sample							<	0.48	<	0.48	28 - ug/L	0	01/07 - Weekly	08 - COMP-8
					Permit Req.								Req Mon DAILY AV	<=	10.0 DAILY MX	28 - ug/L		01/07 - Weekly	08 - COMP-8
					Value NODI														
34546	**trans-1,2-Dichloroethylene**	1 - Effluent Gross	0	--	Sample							<	0.51	<	0.51	28 - ug/L	0	01/07 - Weekly	08 - COMP-8
					Permit Req.								Req Mon DAILY AV	<=	10.0 DAILY MX	28 - ug/L		01/07 - Weekly	08 - COMP-8
					Value NODI														
39175	**Vinyl chloride**	1 - Effluent Gross	0	--	Sample							<	0.45	<	0.45	28 - ug/L	0	02/30 - Twice Per Month	08 - COMP-8
					Permit Req.								Req Mon DAILY AV	<=	10.0 DAILY MX	28 - ug/L		02/30 - Twice Per Month	08 - COMP-8
					Value NODI														
46000	**Phenols**	1 - Effluent Gross	0	--	Sample							<	2.0	<	2.0	28 - ug/L	0	02/30 - Twice Per Month	24 - COMP24
					Permit Req.								Req Mon DAILY AV	<=	5.0 DAILY MX	28 - ug/L		02/30 - Twice Per Month	24 - COMP24
					Value NODI														
50060	**Chlorine, total residual**	1 - Effluent Gross	0	--	Sample									<	0.01	19 - mg/L	0	01/30 - Monthly	GR - GRAB
					Permit Req.									<=	0.1 DAILY MX	19 - mg/L		01/30 - Monthly	GR - GRAB
					Value NODI														
78391	**Trichloroethene**	1 - Effluent Gross	0	--	Sample							=	0.68	=	0.77	28 - ug/L	0	01/07 - Weekly	08 - COMP-8
					Permit Req.								Req Mon DAILY AV	<=	10.0 DAILY MX	28 - ug/L		01/07 - Weekly	08 - COMP-8
					Value NODI														
81574	**1,2-cis-Dichloroethylene**	1 - Effluent Gross	0	--	Sample							<	0.46	<	0.46	28 - ug/L	0	01/07 - Weekly	08 - COMP-8
					Permit Req.								Req Mon DAILY AV	<=	10.0 DAILY MX	28 - ug/L		01/07 - Weekly	08 - COMP-8
					Value NODI														

Submission Note

If a parameter row does not contain any values for the Sample nor Effluent Trading, then none of the following fields will be submitted for that row: Units, Number of Excursions, Frequency of Analysis, and Sample Type.

Edit Check Errors

Parameter		Monitoring Location	Field	Type	Description	Acknowledge
Code	Name					
01051	Lead, total [as Pb]	1 - Effluent Gross	Quality or Concentration Sample Value 3	Soft	The provided sample value is outside the permit limit. Please verify that the value you have provided is correct.	Yes

Comments

Lead (Total) was reported at 63 ug/L for the sample collected on November 3, 2023; data were received November 16, 2023. Following review and confirmation of the results with the laboratory, a re-sample was collected on November 20, 2023. The November 20, 2023 result was 9 ug/L, below the discharge criterion of 25 ug/L.

Attachments

Name	Type	Size
NY0001988_Sanborn_noncomprpt_Pb_pe2023-11-28.pdf	pdf	313376.0

Report Last Saved By

ELM HOLDINGS, INC

User: james.kaczor@aecom.com

Name:	James Kaczor
E-Mail:	james.kaczor@aecom.com
Date/Time:	2023-12-28 16:18 (Time Zone: -05:00)
Report Last Signed By	
User:	james.kaczor@aecom.com
Name:	James Kaczor
E-Mail:	james.kaczor@aecom.com
Date/Time:	2023-12-28 16:18 (Time Zone: -05:00)

Appendix B

SECTION 1

New York State Department of Environmental Conservation
Division of Water

Report of Noncompliance Event

To: DEC Water Contact Denine Jackson ***DEC Region:*** 9

Report Type: ___ *5 Day* ___ *Permit Violation* ___ *Order Violation* ___ *Anticipated Noncompliance* ___ *Bypass/Overflow* ✔ *Other*

SECTION 2

SPDES #: NY- 0001988 **Facility:** Former Carborundum Complex

Date of noncompliance: 11/03/2023 **Location (Outfall, Treatment Unit, or Pump Station):** 01-A

Description of noncompliance(s) and cause(s): Lead (Total) was reported at 63 ug/L for the sample collected on November 3, 2023; data were received November 16, 2023. Following review and confirmation of the results with the laboratory, a re-sample was collected on November 20, 2023. The November 20, 2023 result was 9 ug/L, below the discharge criterion of 25 ug/L.

Has event ceased? No **If so, when?** 11/20/23 **Was event due to plant upset?** No **SPDES limits violated?** Yes

Start date, time of event: 11/03/2023, 11:00 am **End date, time of event:** 11/20/2023 11:00 am

Date, time oral notification made to DEC? 12/28/2023, 4:00 pm **DEC Official contacted:** Denine Jackson

Immediate corrective actions: Immediately following receipt of the November 3, 2023 data the treatment system was thoroughly checked for potential concerns, including inspection of bag filters and system components. Implementation of additional lead sampling throughout the system is ongoing to isolate where the lead is originating.

Preventive (long term) corrective actions: Plant staff have been advised to monitor the condition of the treatment system for indications of potential wear or cross-contamination. An engineering assessment of individual system components is also ongoing. Recommendations regarding replacement of certain system components is anticipated for completion in December 2023.

SECTION 3

Complete this section if event was a bypass:

Bypass amount: _____ Was prior DEC authorization received for this event? No

DEC Official contacted: _____ Date of DEC approval: _____

Describe event in "Description of noncompliance and cause" area in Section 2. Detail the start and end dates and times in Section 2 also.

SECTION 4

Facility Representative: James L. Kaczor **Title:** Attorney-in-Fact for Elm Holdings Inc. **Date:** 12/28/23

Phone #: (716-856-5636) **Fax #:** (N/A)

I Certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

Kaczor, James Digitally signed by Kaczor, James Date: 2023.12.28 16:10:34 -05'00'

Signature of Principal Executive Officer or Authorized Agent

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DEC Regional Offices:

REGION 1 Regional Water Engineer NYS SUNY , Bldg. 40 Loop Road Stony Brook, NY 11790-2356 Phone: 631-444-0405 Fax: 631-444-0373 **Counties:** Nassau Suffolk	**REGION 2** Regional Water Engineer One Hunters Point Plaza 47-40 21st St. Long Island City, NY 11101-5407 Phone: 718-482-4900 Fax: 718-482-6516 **Counties:** Queens Bronx New York Richmond Kings	**REGION 3** ** Regional Water Engineer 21 So. Putt Corners Rd New Paltz, NY 12561-1696 Phone: 845-256-3000 Fax: 845-255-0714 **Counties:** Rockland Dutchess Sullivan Orange Ulster Putnam Westchester
REGION 4 Regional Water Engineer 1150 North Westcott Rd. Schenectady, NY 12306-2014 Phone: 518-357-2045 Fax: 518-357-2398 **Counties:** Montgomery Albany Otsego Rensselaer Columbia Delaware Schoharie Greene Schenectady	**REGION 5** ** Regional Water Engineer Route 86, P.O. Box 296 Ray Brook N.Y. 12977-0296 Phone: 518-897-1241 Fax: 518-897-1245 **Counties:** Clinton Hamilton Franklin Essex Saratoga Warren Fulton Washington	**REGION 6** ** Regional Water Engineer Region 6 Suboffice State Office Bldg. 207 Genesee St. Utica, NY 13500 Phone: 315-793-2554 Fax: 315-793-2748 **Counties:** Lewis Jefferson Herkimer Oneida St. Lawrence
REGION 7 Regional Water Engineer 615 Erie Blvd West Syracuse, NY 13204-2400 Phone: 315-426-7506 Fax: 315-426-7402 **Counties:** Madison Cayuga Broome Onondaga Oswego Chenango Tioga Tompkins Cortland	**REGION 8** Regional Water Engineer 6274 East Avon-Lima Rd Avon, NY 14414-9519 Phone: 585-226-2466 Fax: 585-226-2830 **Counties:** Orleans Genessee Chemung Schuyler Seneca Livingston Steuben Ontario Monroe Wayne Yates	**REGION 9** Regional Water Engineer 270 Michigan Avenue Buffalo, NY 14203-2999 Phone: 716-851-7070 Fax: 716-851-7009 **Counties:** Allegany Erie Cattaraugus Niagara Wyoming Chautauqua

** **REGION 3 Suboffice**
Regional Water Staff
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REGION 5 Suboffice
Regional Water Staff
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REGION 6 Suboffice
Regional Water Staff
317 Washington St.
Watertown, NY 13601-3787
Phone: 315-785-2513
Fax: 315-785-2422

[1] This requirement reflects proposed pending regulations.

DMR Copy of Record

Permit					
Permit #:	**NY0001988**	**Permittee:**	ELM HOLDINGS, INC	**Facility:**	FORMER CARBORUNDUM COMPLEX
Major:	Yes	**Permittee Address:**	4850 EAST 49TH ST, MBC3-147 CUYAHOGA HEIGHTS, OH 44125	**Facility Location:**	2040 CORY DRIVE SANBORN, NY 14132
Permitted Feature:	01A External Outfall	**Discharge:**	**01A-M** GROUNDWATER TREATMENT SYSTEM		
Report Dates & Status					
Monitoring Period:	**From 12/01/23 to 12/31/23**	**DMR Due Date:**	**01/28/24**	**Status:**	**NetDMR Validated**
Considerations for Form Completion					
PLEASE REVIEW FOOTNOTES #1, #2, AND #3 OF PERMIT FOR DETAILED INSTRUCTIONS, AND ALSO REVIEW SPECIAL CONDITIONS INVOLVING CERTAIN PARAMETERS.					
Principal Executive Officer					
First Name:	William	**Title:**	Proj Mgr	**Telephone:**	216-271-8038
Last Name:	Barber				
No Data Indicator (NODI)					
Form NODI:	--				

Parameter		Monitoring Location	Season #	Param. NODI		Quantity or Loading					Quality or Concentration							# of Ex.	Frequency of Analysis	Sample Type
Code	Name					Qualifier 1	Value 1	Qualifier 2	Value 2	Units	Qualifier 1	Value 1	Qualifier 2	Value 2	Qualifier 3	Value 3	Units			
00011	**Temperature, water deg. fahrenheit**	1 - Effluent Gross	0	--	Sample										=	63.5	15 - deg F	0	01/30 - Monthly	GR - GRAB
					Permit Req.										<=	90.0 DAILY MX	15 - deg F		01/30 - Monthly	GR - GRAB
					Value NODI															
00056	**Flow rate**	1 - Effluent Gross	0	--	Sample	=	35948.0	=	37417.0	07 - gal/d								0	99/99 - Continuous	MT - METER
					Permit Req.		Req Mon DAILY AV	<=	144000.0 DAILY MX	07 - gal/d									99/99 - Continuous	MT - METER
					Value NODI															
00310	**BOD, 5-day, 20 deg. C**	1 - Effluent Gross	0	--	Sample								<	2.0	<	2.0	19 - mg/L	0	02/30 - Twice Per Month	24 - COMP24
					Permit Req.									Req Mon DAILY AV	<=	5.0 DAILY MX	19 - mg/L		02/30 - Twice Per Month	24 - COMP24
					Value NODI															
00400	**pH**	1 - Effluent Gross	0	--	Sample						=	7.08			=	7.9	12 - SU	0	01/07 - Weekly	GR - GRAB
					Permit Req.						>=	6.5 MINIMUM			<=	8.5 MAXIMUM	12 - SU		01/07 - Weekly	GR - GRAB
					Value NODI															
00530	**Solids, total suspended**	1 - Effluent Gross	0	--	Sample								=	1.4	=	1.6	19 - mg/L	0	02/30 - Twice Per Month	24 - COMP24
					Permit Req.								<=	20.0 DAILY AV	<=	40.0 DAILY MX	19 - mg/L		02/30 - Twice Per Month	24 - COMP24
					Value NODI															
00556	**Oil & Grease**	1 - Effluent Gross	0	--	Sample								<=	1.43	=	1.9	19 - mg/L	0	02/30 - Twice Per Month	GR - GRAB
					Permit Req.									Req Mon DAILY AV	<=	15.0 DAILY MX	19 - mg/L		02/30 - Twice Per Month	GR - GRAB
					Value NODI															
01002	**Arsenic, total [as As]**	1 - Effluent Gross	0	--	Sample										<	0.75	28 - ug/L	0	01/30 - Monthly	24 - COMP24
					Permit Req.										<=	150.0 DAILY MX	28 - ug/L		01/30 - Monthly	24 - COMP24
					Value NODI															
01027	**Cadmium, total [as Cd]**	1 - Effluent Gross	0	--	Sample										=	1.2	28 - ug/L	0	01/30 - Monthly	24 - COMP24
					Permit Req.										<=	3.9 DAILY MX	28 - ug/L		01/30 - Monthly	24 - COMP24
					Value NODI															
01034	**Chromium, total [as Cr]**	1 - Effluent Gross	0	--	Sample										<	1.2	28 - ug/L	0	01/30 - Monthly	24 - COMP24
					Permit Req.										<=	50.0 DAILY MX	28 - ug/L		01/30 - Monthly	24 - COMP24
					Value NODI															
01040	**Copper, dissolved [as Cu]**	1 - Effluent Gross	0	--	Sample										<	1.7	28 - ug/L	0	01/30 - Monthly	24 - COMP24
					Permit Req.											Req Mon DAILY MX	28 - ug/L		01/30 - Monthly	24 - COMP24
					Value NODI															
01042	**Copper, total [as Cu]**	1 - Effluent Gross	0	--	Sample										<	1.7	28 - ug/L	0	01/30 - Monthly	24 - COMP24
					Permit Req.										<=	19.0 DAILY MX	28 - ug/L		01/30 - Monthly	24 - COMP24
					Value NODI															
01045	**Iron, total [as Fe]**	1 - Effluent Gross	0	--	Sample										<	0.047	19 - mg/L	0	01/30 - Monthly	24 - COMP24
					Permit Req.										<=	1.0 DAILY MX	19 - mg/L		01/30 - Monthly	24 - COMP24
					Value NODI															
01051	**Lead, total [as Pb]**	1 - Effluent Gross	0	--	Sample										=	11.0	28 - ug/L	0	01/30 - Monthly	24 - COMP24
					Permit Req.										<=	25.0 DAILY MX	28 - ug/L		01/30 - Monthly	24 - COMP24
					Value NODI															

01090	**Zinc, dissolved [as Zn]**	1 - Effluent Gross	0	--	Sample										=	1.3	19 - mg/L	0	01/30 - Monthly	24 - COMP24			
					Permit Req.											Req Mon DAILY MX	19 - mg/L		01/30 - Monthly	24 - COMP24			
					Value NODI																		
01092	**Zinc, total [as Zn]**	1 - Effluent Gross	0	--	Sample										=	1.3	19 - mg/L	0	01/30 - Monthly	24 - COMP24			
					Permit Req.										<=	2.0 DAILY MX	19 - mg/L		01/30 - Monthly	24 - COMP24			
					Value NODI																		
32103	**1,2-Dichloroethane**	1 - Effluent Gross	0	--	Sample								<	0.46	<	0.46	28 - ug/L	0	01/07 - Weekly	08 - COMP-8			
					Permit Req.									Req Mon DAILY AV	<=	10.0 DAILY MX	28 - ug/L		01/07 - Weekly	08 - COMP-8			
					Value NODI																		
32106	**Chloroform**	1 - Effluent Gross	0	--	Sample								<	0.47	<	0.47	28 - ug/L	0	01/07 - Weekly	08 - COMP-8			
					Permit Req.									Req Mon DAILY AV	<=	10.0 DAILY MX	28 - ug/L		01/07 - Weekly	08 - COMP-8			
					Value NODI																		
34423	**Methylene chloride**	1 - Effluent Gross	0	--	Sample								<	2.6	<	2.6	28 - ug/L	0	01/07 - Weekly	08 - COMP-8			
					Permit Req.									Req Mon DAILY AV	<=	10.0 DAILY MX	28 - ug/L		01/07 - Weekly	08 - COMP-8			
					Value NODI																		
34496	**1,1-Dichloroethane**	1 - Effluent Gross	0	--	Sample								<	0.47	<	0.47	28 - ug/L	0	01/07 - Weekly	08 - COMP-8			
					Permit Req.									Req Mon DAILY AV	<=	10.0 DAILY MX	28 - ug/L		01/07 - Weekly	08 - COMP-8			
					Value NODI																		
34501	**1,1-Dichloroethylene**	1 - Effluent Gross	0	--	Sample								<	0.49	<	0.49	28 - ug/L	0	01/07 - Weekly	08 - COMP-8			
					Permit Req.									Req Mon DAILY AV	<=	10.0 DAILY MX	28 - ug/L		01/07 - Weekly	08 - COMP-8			
					Value NODI																		
34506	**1,1,1-Trichloroethane**	1 - Effluent Gross	0	--	Sample								<	0.48	<	0.48	28 - ug/L	0	01/07 - Weekly	08 - COMP-8			
					Permit Req.									Req Mon DAILY AV	<=	10.0 DAILY MX	28 - ug/L		01/07 - Weekly	08 - COMP-8			
					Value NODI																		
34546	**trans-1,2-Dichloroethylene**	1 - Effluent Gross	0	--	Sample								<	0.51	<	0.51	28 - ug/L	0	01/07 - Weekly	08 - COMP-8			
					Permit Req.									Req Mon DAILY AV	<=	10.0 DAILY MX	28 - ug/L		01/07 - Weekly	08 - COMP-8			
					Value NODI																		
39175	**Vinyl chloride**	1 - Effluent Gross	0	--	Sample								<	0.45	<	0.45	28 - ug/L	0	02/30 - Twice Per Month	08 - COMP-8			
					Permit Req.									Req Mon DAILY AV	<=	10.0 DAILY MX	28 - ug/L		02/30 - Twice Per Month	08 - COMP-8			
					Value NODI																		
46000	**Phenols**	1 - Effluent Gross	0	--	Sample								<	2.0	<	2.0	28 - ug/L	0	02/30 - Twice Per Month	24 - COMP24			
					Permit Req.									Req Mon DAILY AV	<=	5.0 DAILY MX	28 - ug/L		02/30 - Twice Per Month	24 - COMP24			
					Value NODI																		
50060	**Chlorine, total residual**	1 - Effluent Gross	0	--	Sample										<	0.01	19 - mg/L	0	01/30 - Monthly	GR - GRAB			
					Permit Req.										<=	0.1 DAILY MX	19 - mg/L		01/30 - Monthly	GR - GRAB			
					Value NODI																		
78391	**Trichloroethene**	1 - Effluent Gross	0	--	Sample								=	0.76	=	0.85	28 - ug/L	0	01/07 - Weekly	08 - COMP-8			
					Permit Req.									Req Mon DAILY AV	<=	10.0 DAILY MX	28 - ug/L		01/07 - Weekly	08 - COMP-8			
					Value NODI																		
81574	**1,2-cis-Dichloroethylene**	1 - Effluent Gross	0	--	Sample								<	0.46	<	0.46	28 - ug/L	0	01/07 - Weekly	08 - COMP-8			
					Permit Req.									Req Mon DAILY AV	<=	10.0 DAILY MX	28 - ug/L		01/07 - Weekly	08 - COMP-8			
					Value NODI																		

Submission Note

If a parameter row does not contain any values for the Sample nor Effluent Trading, then none of the following fields will be submitted for that row: Units, Number of Excursions, Frequency of Analysis, and Sample Type.

Edit Check Errors

No errors.

Comments

Attachments

No attachments.

Report Last Saved By

ELM HOLDINGS, INC

User:	rob.murphy@aecom.com
Name:	Robert Murphy
E-Mail:	rob.murphy@aecom.com
Date/Time:	2024-01-26 15:49 (Time Zone: -05:00)

Report Last Signed By

User:	james.kaczor@aecom.com

Name:	James Kaczor
E-Mail:	james.kaczor@aecom.com
Date/Time:	2024-01-26 16:06 (Time Zone: -05:00)

DMR Copy of Record

Permit

Permit #:	**NY0001988**	**Permittee:**	ELM HOLDINGS, INC	**Facility:**	FORMER CARBORUNDUM COMPLEX
Major:	Yes	**Permittee Address:**	4850 EAST 49TH ST, MBC3-147 CUYAHOGA HEIGHTS, OH 44125	**Facility Location:**	2040 CORY DRIVE SANBORN, NY 14132
Permitted Feature:	01A External Outfall	**Discharge:**	**01A-Q** GROUNDWATER TREATMENT SYSTEM		

Report Dates & Status

Monitoring Period:	**From 10/01/23 to 12/31/23**	**DMR Due Date:**	**01/28/24**	**Status:**	**NetDMR Validated**

Considerations for Form Completion

Principal Executive Officer

First Name:	William	**Title:**	Proj Mgr	**Telephone:**	216-271-8038
Last Name:	Barber				

No Data Indicator (NODI)

Form NODI: --

Parameter		Monitoring Location	Season #	Param. NODI		Quantity or Loading					Quality or Concentration							# of Ex.	Frequency of Analysis	Sample Type
Code	Name					Qualifier 1	Value 1	Qualifier 2	Value 2	Units	Qualifier 1	Value 1	Qualifier 2	Value 2	Qualifier 3	Value 3	Units			
01067	**Nickel, total [as Ni]**	1 - Effluent Gross	0	--	Sample										=	8.5	28 - ug/L	0	01/90 - Quarterly	24 - COMP24
					Permit Req.											Req Mon DAILY MX	28 - ug/L		01/90 - Quarterly	24 - COMP24
					Value NODI															
01077	**Silver, total [as Ag]**	1 - Effluent Gross	0	--	Sample										<	0.053	28 - ug/L	0	01/90 - Quarterly	24 - COMP24
					Permit Req.											Req Mon DAILY MX	28 - ug/L		01/90 - Quarterly	24 - COMP24
					Value NODI															

Submission Note

If a parameter row does not contain any values for the Sample nor Effluent Trading, then none of the following fields will be submitted for that row: Units, Number of Excursions, Frequency of Analysis, and Sample Type.

Edit Check Errors

No errors.

Comments

Attachments

No attachments.

Report Last Saved By

ELM HOLDINGS, INC

User:	james.kaczor@aecom.com
Name:	James Kaczor
E-Mail:	james.kaczor@aecom.com
Date/Time:	2024-01-26 14:32 (Time Zone: -05:00)

Report Last Signed By

User:	james.kaczor@aecom.com
Name:	James Kaczor
E-Mail:	james.kaczor@aecom.com
Date/Time:	2024-01-26 16:05 (Time Zone: -05:00)

DMR Copy of Record

Permit					
Permit #:	**NY0001988**	**Permittee:**	ELM HOLDINGS, INC	**Facility:**	FORMER CARBORUNDUM COMPLEX
Major:	Yes	**Permittee Address:**	4850 EAST 49TH ST, MBC3-147 CUYAHOGA HEIGHTS, OH 44125	**Facility Location:**	2040 CORY DRIVE SANBORN, NY 14132
Permitted Feature:	01A External Outfall	**Discharge:**	**01A-V** OUTFALL 01A ACTION LEVELS		
Report Dates & Status					
Monitoring Period:	**From 10/01/23 to 12/31/23**	**DMR Due Date:**	**01/28/24**	**Status:**	**NetDMR Validated**
Considerations for Form Completion					
Principal Executive Officer					
First Name:	William	**Title:**	Proj Mgr	**Telephone:**	216-271-8038
Last Name:	Barber				
No Data Indicator (NODI)					
Form NODI:	--				

Parameter		Monitoring Location	Season #	Param. NODI		Quantity or Loading					Quality or Concentration							# of Ex.	Frequency of Analysis	Sample Type
Code	Name					Qualifier 1	Value 1	Qualifier 2	Value 2	Units	Qualifier 1	Value 1	Qualifier 2	Value 2	Qualifier 3	Value 3	Units			
01067	**Nickel, total [as Ni]**	V - See Comments	0	--	Sample			=	0.002548	26 - lb/d								0	01/90 - Quarterly	24 - COMP24
					Permit Req.			<=	0.026 DAILY MX	26 - lb/d									01/90 - Quarterly	24 - COMP24
					Value NODI															
01077	**Silver, total [as Ag]**	V - See Comments	0	--	Sample			<	0.0000159	26 - lb/d								0	01/90 - Quarterly	24 - COMP24
					Permit Req.			<=	0.006 DAILY MX	26 - lb/d									01/90 - Quarterly	24 - COMP24
					Value NODI															

Submission Note

If a parameter row does not contain any values for the Sample nor Effluent Trading, then none of the following fields will be submitted for that row: Units, Number of Excursions, Frequency of Analysis, and Sample Type.

Edit Check Errors

No errors.

Comments

Attachments

No attachments.

Report Last Saved By

ELM HOLDINGS, INC

User:	james.kaczor@aecom.com
Name:	James Kaczor
E-Mail:	james.kaczor@aecom.com
Date/Time:	2024-01-26 14:28 (Time Zone: -05:00)

Report Last Signed By

User:	james.kaczor@aecom.com
Name:	James Kaczor
E-Mail:	james.kaczor@aecom.com
Date/Time:	2024-01-26 16:05 (Time Zone: -05:00)

AECOM
50 Lakefront Boulevard, Suite 111
Buffalo, New York 14202

716-856-5636 tel
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SUBMITTED VIA ELECTRONIC MAIL

August 15, 2023

Ms. Denine Jackson, EIT
New York State Department of Environmental Conservation
Division of Water, Region 9
700 Delaware Avenue
Buffalo, NY 14209

Subject: Response to Notice of Violation dated July 11, 2023
Former Carborundum Facility, Village of Sanborn, Town of Wheatfield, New York
SPDES No. NY0001988

Dear Ms. Jackson,

On behalf of Elm Holdings Inc. (an affiliate of BP's Remediation Management Services Company (RMSC)) (Elm Holdings), AECOM Technical Services, Inc. (AECOM) respectfully provides this response to the Division of Water (DOW) Notice of Violation (NOV) dated July 11, 2023 issued by New York State Department of Environmental Conservation (NYSDEC) to Elm Holdings (Permittee) for exceedances of the permitted discharge limit for lead (Pb) in the groundwater remediation system (GRS) effluent at the former Carborundum Facility in Sanborn, New York (Site).

As requested by NYSDEC's DOW in the NOV, AECOM is submitting on behalf of Elm Holdings a report detailing efforts to discover the source of the Pb violations as well as any changes to the process that will prevent further violations. Elm Holdings greatly appreciates NYSDEC's willingness to listen to Elm Holdings' position on the events leading to the NOV, as well as the measures that Elm Holdings is taking to comply with the permitted discharge limit for Pb in the future. Elm Holdings views the issuance of the NOV as a very serious matter, and we are fully committed to continuing a good faith dialogue and working collaboratively with NYSDEC to address the concerns raised in the NOV.

BACKGROUND

The GRS began operation at the Site in mid-1993 – almost thirty years ago – and treats groundwater using air stripping technology and a granular activated carbon (GAC) polish. The GRS is designed to provide onsite hydraulic containment and prevent offsite migration of groundwater containing dissolved volatile organic compounds (VOCs), including trichloroethene (TCE), cis-1,2-dichloroethene (DCE) and vinyl chloride (VC). The GRS currently receives groundwater from five recovery wells (P-2, P-3, P-4, PW-1, and PW-3), as well as water that accumulates within interior Site building subgrade vaults. A Site Location Map is presented as **Figure 1** and a Site Plan is presented as **Figure 2**.

Metaullics/Pyrotek operates a facility on the Site that produces graphite tubes and rods. High-temperature furnaces for annealing and cooling of the tubes and rods are installed in below-grade vaults in the main manufacturing building. In addition to recovery well groundwater, water collected from two vaults within the Metaullics building from infiltrating groundwater and building interior source(s) is relayed to the GRS via the vault water collection and conveyance (VWCC) system. Water from the two vaults is first collected in tank T-001 outside the Metaullics building, and then

pumped to tank T-002 inside the GRS building. **Figure 3** presents the Site layout with the recovery wells, the VWCC system and the location of the treatment building.

It should be noted that recovery well PW-1 supplies 95% to 99% of the water treated in the GRS on a monthly basis. Performance data from the GRS is presented as **Table 1**.

The layout of the treatment building enclosing the GRS is presented in **Figure 4**. A schematic diagram of the treatment process is presented as **Figure 5**. Water entering the GRS proceeds through the following process steps:

- Influent equalization in Tanks T-801 (recovery wells) and T-002 (VWCC)
- Particulate filtration using bag filters
- Air stripping
- GAC polishing
- Effluent holding in Tank T-802 and
- Discharge to State Pollutant Discharge Elimination System (SPDES) Outfall 01A to an unnamed tributary of Cayuga Creek, located approximately 1,900 feet downstream

The GRS is designed to remove VOCs – not Pb – from the recovered groundwater. Pb is naturally occurring in the subsurface and has been detected in groundwater collected from wells at the Site at concentrations ranging from 2 µg/L to 35 µg/L. The SPDES discharge limit of 25 µg/L total Pb was developed based on effluent monitoring data rather than influent groundwater data (Parsons, 2010). Historically, the monthly SPDES samples for Pb have been within the discharge limits. Between March 2016 and May 2022, the only total Pb effluent exceedance occurred in November 2018 with a concentration of 27 µg/L. Aside from the November 2018 exceedance, during that time the total Pb effluent results ranged from 1.6 µg/L to 19 µg/L and averaged 4.3 µg/L. Out of 77 samples during that time, only four were greater than 10 µg/L. The June 2022 total Pb effluent concentration was 26 µg/L, only 1 µg/L above the discharge limit and from July 2022 through October 2022, total Pb effluent results ranged from 7.8 µg/L to 9.9 µg/L. The December 2022 result spiked to 57 µg/L. Subsequently, exceedances of the discharge limit for total Pb were detected in the initial monthly samples in January 2023 (30 µg/L), March 2023 (29 µg/L) and June 2023 (30 µg/L), only slightly above the discharge limit. The total Pb effluent sampling results for June 2022 through July 2023 are presented in **Table 2**.

CORRECTIVE ACTIONS

With one exception, following each exceedance of the discharge limit noted above, AECOM, on behalf of Elm Holdings, collected an additional effluent sample for total Pb analysis and the second sample was below the discharge limit. Moreover, the average of the two sample results typically was below the discharge limit of 25 µg/L. Initial samples for SPDES reporting purposes are collected early in the month to allow, if necessary, additional confirmation samples to be collected during the same calendar month following receipt of laboratory data. For the purpose of the SPDES reporting, which allows only one result entry, the first sample result has historically been reported even when subsequent sampling results were below the discharge limit. The exceedances and the resampling results are presented in **Table 2**. In addition to resampling, on behalf of Elm Holdings, AECOM initiated corrective actions following the exceedances to identify and mitigate potential sources of Pb in the effluent. The *Report of Noncompliance Event* for each discharge limit exceedance is presented in **Appendix A**.

Elm Holdings provides the following timeline and relevant, mitigating facts:

- Following receipt of the June 6, 2022 result (26 µg/L), AECOM reviewed historical data to identify any trends or correlations. No definitive trends or correlations were identified. GRS staff closely monitored bag filter operation to optimize system performance. The subsequent sample taken on July 6, 2022 yielded a total Pb result of only 9.2 µg/L.
- Total Pb sample results in July, August, September, and October 2022 were each below the discharge limit (9.2 µg/L, 7.8 µg/L, 9.6 µg/L, and 9.9 µg/L, respectively).
- Following receipt of the elevated November 1, 2022 result (57 µg/L) and the November 15 confirmation result (26 µg/L), it was suspected that the automated sampling equipment may have contributed to the total Pb exceedance. AECOM replaced the sample collection container and the sample tubing. The subsequent post-mitigation total Pb sample result collected on November 22, 2022 was 14 µg/L. The average of the three November 2022 results is 32.3 µg/L, which is above the discharge limit.
- The total Pb sample result in December 2022 (11 µg/L) was below the discharge limit.
- Following the January 4, 2023 elevated total Pb sample result (30 µg/L), AECOM collected a confirmation sample on January 25, 2023 and the result was 18 µg/L. The average of the two results is 24 µg/L, which is below the discharge limit. AECOM also checked the automated sample collection system for potential wear or cross-contamination, and performed a thorough review of the system monitoring and maintenance standard operating procedures to identify any items that could lead to the elevated Pb levels. No additional potential causes were identified.
- The total Pb sample result in February 2023 (9.3 µg/L) was below the discharge limit.
- During the period when the effluent total Pb exceedances were detected, AECOM observed some dark gray staining in the effluent tank (Tank T-802) from which the SPDES samples are collected. After receipt of the March 2023 total Pb result (29 µg/L), AECOM coordinated with Matrix Environmental Technologies (Matrix) to clean the effluent holding tank (T-802) in the event the Pb exceedances resulted from the staining, which was scheduled for the start of April. On March 21, 2023, AECOM collected a confirmation sample, and the result was 14 µg/L.
- On April 4, 2023, Matrix vacuumed sediment from the tank and pressure-washed the tank interior. The solids collected appeared to be carbon particles from the treatment system GAC vessel. The solids were drummed for subsequent characterization and properly disposed. Following the effluent holding tank cleaning, the effluent sample collected on April 13, 2023 had a total Pb concentration of 24 µg/L, below the discharge limit.
- The total Pb sample collected on May 2, 2023 was 14 µg/L.
- The discharge sample collected on June 6, 2023 had a total Pb concentration of 30 µg/L. The confirmation sample collected on June 16, 2023, however, had a concentration of 16 µg/L, resulting in an average concentration of 23 µg/L. This average is below the discharge limit.
- The total Pb concentration in the July 6. 2023 discharge sample was 15 µg/L.

SUPPLEMENTAL SAMPLING

To further evaluate the source of the elevated total Pb concentrations in the effluent, AECOM initiated a comprehensive sampling program in July 2023 to identify potential Pb sources and variability over time of total Pb levels. Samples were collected from individual recovery wells, the vault water collection tank, and from multiple points along the treatment train in the treatment building. Below is a summary of the supplemental sampling.

- On July 6, July 11, and July 19, 2023, post-air stripper/ pre-GAC composite samples were collected from four aliquots over an 8-hour period and were analyzed for total Pb and VOCs.

- On July 21, 2023, a post-air stripper/ pre-GAC grab sample was collected and analyzed for total Pb.
- On July 25, 2023, four post-air stripper/ pre-GAC grab samples were collected and analyzed for total Pb.
- On July 19, 2023, grab samples also were collected from the five recovery wells and the VWCC collection tank (T-001) to evaluate whether any of the GRS influent sources had elevated Pb levels. Samples were analyzed for total Pb.
- On July 25, 2023, samples again were collected from the five recovery wells and tank T-001. Samples also were collected from several points along the treatment train. All samples were grab samples and were analyzed for total Pb, dissolved Pb and pH. Samples were analyzed for dissolved Pb to evaluate whether the Pb was present in suspended or dissolved phases. Samples were collected for pH because pH affects the solubility of Pb. The post-air stripper sample was also analyzed for VOCs.
- On August 1, 2023, an 8-hour post-air stripper/ pre-GAC composite sample was collected and analyzed for total Pb.

The sampling and analytical program employed to evaluate the Pb source is summarized in **Table 3**, as well as in **Figure 5**, which depicts the treatment train and related Pb sampling results. Sampling results are discussed in detail below.

Volatile Organic Compounds

During four sampling events over four weeks in July, the only VOC detections in post-air stripper samples were 0.54 µg/L of TCE on July 11, and 0.56 µg/L of TCE on July 25. All other VOC results were non-detect at the laboratory reporting limit. The discharge criterion for TCE is 10 µg/L. This data suggests that the air stripper effectively addresses VOCs in the influent and the subsequent GAC treatment may be unnecessary. Results for the post-air stripper VOC samples are presented in **Table 4**.

Aqueous Lead Samples

Individual recovery wells and the vault water tank T-001 were sampled on July 19, 2023 and July 25, 2023. Results are presented in **Table 5A**. On July 19, total Pb levels in recovery wells ranged from 2.2 µg/L in P-2 to 9.9 µg/L in PW-1. On July 25, total Pb levels in recovery wells ranged from 3.3 µg/L in P-3 to 21 µg/L in PW-1. As previously noted, PW-1 supplies 95% to 99% of the water treated in the GRS on a monthly basis. On these two dates, the total Pb concentrations in VWCC collection tank T-001 were 24 µg/L and 1,400 µg/L, respectively. The July 25, 2023 recovery well and vault water tank samples were also analyzed for dissolved Pb. Except for 0.52 µg/L dissolved Pb in P-4, dissolved Pb was not detected in any recovery well or the vault water tank T-001, indicating that the Pb is associated with suspended material.

Results for samples collected from the GRS treatment train are presented in **Table 5B**. The 8-hour composite, post-air stripper samples discussed above were also analyzed for total Pb. The July 6 post-air stripper sample total Pb concentration was 27 µg/L, which exceeds the discharge limit prior to contact with the GAC. The 24-hour composite SPDES sample collected on July 6 had a total Pb concentration of 15 µg/L. The July 11 (19 µg/L), July 19 (22 µg/L) and July 25 (20 µg/L) post-air stripper results were all below the discharge limit, but above the historical average of SPDES total Pb samples. In addition to the 8-hour composite post-air stripper sample, on July 25, 2023, four individual post-air stripper grab samples collected over an 8-hour period were also analyzed for total Pb to evaluate variability over time. The results ranged from 18 µg/L to 19 µg/L. Out of four composite samples and four grab samples collected from the post-air stripper / pre-GAC sample port, only one exceeded the discharge criterion throughout July 2023. However, as stated

previously, total Pb discharge samples from March 2016 through May 2022 averaged 4.6 µg/L, so these post-air stripper concentrations ranging from 18 µg/L to 22 µg/L appear to represent an increase in system influent total Pb concentrations over the last year.

On July 25, 2023, AECOM also collected samples from the following locations in the treatment train:

- After equalization tank T-801 and before bag filters;
- After bag filters and before the air stripper;
- After VWCC equalization tank T-002 and before bag filters;
- After T-002/after bag filters and before the air stripper;
- After the GAC vessel and before the effluent tank; and
- City water used for backwashing.

Samples were analyzed for total and dissolved Pb. Sample results are presented in **Table 5**. The samples collected after equalization tank T-801, both before and after the post-tank T-801 bag filters, had total Pb concentrations of 20 µg/L and dissolved Pb concentrations of 18 µg/L. Unlike the individual recovery wells, these GRS results suggest the Pb is primarily in a dissolved phase, rather than in suspension.

On August 1, 2023, an 8-hour composite was collected after the air stripper and before the GAC vessel. The total Pb concentration was 18 µg/L, which is in the range of other samples collected from this location.

The T-002 sample and the post-T-002 / post-bag filter total Pb results were 3.7 µg/L and 0.56 µg/L, respectively, and dissolved Pb was not detected in either sample above laboratory reporting limits. The post-GAC total and dissolved Pb sample results were 22 µg/L and 8.9 µg/L, respectively. These results are only slightly higher than the pre-GAC results (19 to 22 µg/L total Pb and 15 µg/L dissolved Pb), suggesting that the GAC vessel is not the primary source of total Pb in the effluent. The total and dissolved Pb concentrations in the city water sample were 6.0 µg/L and 2.1 µg/L, respectively, which indicates backwash of treatment equipment is not a primary source of Pb in the effluent.

Effluent Tank Solids

A composite sample was collected from the three drums of solids removed from the effluent tank T-802 by Matrix. The sample was analyzed for Toxicity Characteristic Leachate Procedure (TCLP) and total Pb. Sample results are presented in **Table 6**. In the TCLP sample, TCE was detected at 0.012 mg/L, well below the hazardous criteria of 5 mg/L. Pb was detected at 0.084 mg/L, well below the hazardous criteria of 5 mg/L. Barium, cadmium, and chromium were also detected in the TCLP sample at concentrations below applicable criteria. The total Pb concentration of the solids was 880 mg/Kg.

2010 GRS METALS REMOVAL EVALUATION

As stated previously, the 25 µg/L SPDES discharge limit for Pb was developed in 2010 based on GRS effluent monitoring data. In 2010, NYSDEC DOW proposed lowering the Compliance Limit to the Water Quality-Based Effluent Limit (WQBEL) for cadmium, copper, Pb and zinc. The WQBEL for Pb was 7.10 µg/L. Historic effluent monitoring data, however, show that naturally occurring levels of Pb are present in Site groundwater at levels that exceed the WQBEL. Indeed, the

groundwater samples utilized in the evaluation had Pb concentrations of 35 µg/L. At the time, Parsons evaluated treatment alternatives to comply with this limit (Parsons, 2010).

Parsons tested bag filters of different nominal pore sizes, both alone and in sequence and the bag filters had minimal effect on the effluent Pb concentrations. It bears noting that, at the time, the groundwater collected and homogenized for the bag filter tests had an initial total Pb concentration of 34.7 µg/L. Parsons evaluated several other technologies to treat metals, including precipitation, membrane processes, sorption processes, and filtration. Drawbacks to some of these processes included significant capital and operating costs, generation of sludges, reject streams and brines, and media fouling. Of the technologies evaluated, the most promising was ion exchange because it could meet the WQBEL effluent limit and had fewer drawbacks than other technologies. However, the estimated costs to implement ion exchange in 2010 was $195,000 in capital costs and annual operation and maintenance costs of $110,000. The compliance limit was ultimately not revised to the WQBEL by NYSDEC DOW.

Significantly, this evaluation in 2010 concluded that (1) naturally occurring concentrations of Pb were present in Site groundwater at 140% of the discharge limit of 25 µg/L at the time of the evaluation, and (2) costs to implement treatment for Pb and other metals is prohibitive. Additionally, the 2010 evaluation did not identify any source of Pb in groundwater at the site other than natural occurrence.

2023 Pb SOURCE EVALUATION

To identify potential sources of elevated effluent total Pb levels, AECOM reviewed historic sampling and system performance data and conducted an extensive sampling program in July 2023. This investigation evaluated three potential sources of the elevated effluent concentrations: (1) GAC particulates in the effluent tank T-802; (2) vault water from tank T-001; and (3) groundwater recovered by the GRS. These three sources are discussed in more detail below.

GAC Particulates

The exceedences of the Pb discharge limit at the Site have coincided with the appearance of dark particulates in effluent tank T-802. After cleaning the tank in April 2023, the solids removed from the tank appeared to be granular carbon particles. This resulted in suspicion that carbon escaping from the GAC vessel could be contributing to the elevated total Pb concentrations in the effluent. However, sampling at multiple points in the treatment train suggest this is not a significant contributing factor for elevated effluent total Pb concentrations. This is supported by water samples collected after the air stripper and before contacting the GAC that had concentrations similar to the effluent. Furthermore, the July 6, 2023 post-air stripper sample had 27 µg/L of total Pb prior to contact with the GAC, and the 24-hour composite effluent sample collected the same day contained 15 µg/L. Moreover, samples collected from multiple points along the treatment train on July 25, 2023 indicated that total Pb concentrations were similar before and after contacting the GAC vessel.

Analysis of the solids removed for tank T-802 for both TCLP and total Pb reflect that 1 milligram of the solids in 1 liter of effluent water would result in approximately 0.88 µg/L of total Pb in the effluent. At this level, approximately 28.4 mg/L as TSS would be required to result in a concentration equal to the total Pb discharge limit of 25 µg/L in the effluent. In the November 2022, January 2023, March 2023, and June 2023 effluent samples, when the total Pb concentrations were 57 µg/L, 30 µg/L, 29 µg/L and 30 µg/L, respectively, the TSS results from the same events were 9.6 mg/L, 4.3 mg/L, 6.9 mg/L and 2.8 mg/L, respectively. This suggests that the suspended GAC particles are not the primary source of elevated total Pb levels.

Tank T-001 Vault Water

Samples collected from VWCC tank T-001 on July 19 and July 25, 2023 had total Pb concentrations of 24 µg/L and 1,400 µg/L, respectively. Although the vaults contribute approximately 1% of the GRS influent, a level of 1,400 µg/L (52 times higher than the maximum sample result collected during the evaluation) could affect the effluent concentration. Furthermore, the data suggests significant variability over time. When the July 25, 2023 sample was collected from VWCC tank T-001, suspended materials were observed in the tank and the sample. The total Pb concentration of 1,400 µg/L and the non-detect dissolved Pb suggest the source of the vault water Pb could be related to suspended particulates. It is unclear what the source of the elevated Pb is in the vault water.

Notably the vaults collect groundwater that infiltrates the vaults, but they also likely receive input from the processes occurring in the Metaullics building. AECOM requested information from Pyrotek on July 28, 2023, regarding materials used in at its facility and in its processes, including Safety Data Sheets, which are pending receipt and review.

Groundwater Pb

As previously stated, effluent total Pb concentrations from March 2016 through May 2022 averaged 4.6 µg/L. During two rounds of grab sampling in July 2023, the highest total Pb concentration detected in any recovery well was 21 µg/L in PW-1. Most results were less than 10 µg/L. PW-1 accounts for 95-99% of water recovered by the GRS.

It is possible that the levels of naturally occurring Pb in groundwater recovered by the GRS are increasing over time since observed detections in 2010 as part of the 2010 Metals Removal Evaluation. Because the recent elevated effluent total Pb levels are not consistent with long-term data (i.e., five months out of the most recent 13 months as compared to just one month of the previous 76 months), any increases may be related to other factors.

SUMMARY

The evaluation into elevated Pb levels in the SPDES discharge identified three potential sources: GAC particulates, vault water, and naturally occurring Pb in groundwater. It is possible that the detected effluent total Pb levels may be the product of some combination of these three sources, which individually might not result in elevated Pb levels, but collectively could result in an exceedance of the discharge limit. The intermittent nature of the Pb exceedances suggests they may be related to sporadic inputs, as would be expected from cyclic pumping from VWCC tank T-001 and fluctuating groundwater levels at the recovery wells.

Although not believed to be a significant source, the only one of these potential sources within the immediate control of Elm Holdings is the GAC. The GAC was employed in the GRS to remove residual VOCs following processing by the air stripper, although it likely the GAC has also removed minor amounts of Pb from the water over time. Pb is not absorbed into the GAC matrix like VOCs but is likely physically adsorbed onto the GAC particle surfaces. Although not necessary for removal of VOCs, AECOM is evaluating measures to address the carbon as a preventative maintenance measure that could reduce potential Pb contribution from this component of the GRS.

It should be noted that the GRS was designed to address VOCs in groundwater and has been very effective at this. It was not designed to treat Pb. Recent increases in influent Pb levels have resulted in total Pb exceedences in the effluent and Elm Holdings is taking active measures to identify and mitigate the source of these increases. For these reasons, Elm Holding respectfully requests that NYSDEC forego enforcement and any penalty assessment.

NEXT STEPS

To prevent further exceedances and comply with the NYSDEC requirements in the future, AECOM, on behalf of Elm Holdings, is conducting a comprehensive analysis involving all stakeholders consisting of the following:

1. Evaluate requesting a revision of the SPDES discharge limit based on flow and loading of system and due to naturally occurring Pb levels at times in excess of the current SPDES discharge limit;
2. Evaluate a pathway to permanent shut down of the GRS (i.e., phased, temporary, or immediate permanent shut down) as part of alternate remedial evaluation planning, consistent with prior remedial discussions between Elm Holdings, AECOM, and NYSDEC Division of Environmental Remediation (DER);
3. Evaluate the removal and/or resizing of the 7,500-lb GAC vessels, pending further evaluation of sizing needs based on the current treatment flow and influent concentrations with NYSDEC DOW;
4. Review Safety Data Sheets and process information from Pyrotek and request Pyrotek clean out Vaults 1 and 3, and the vault water equalization Tank T-001; and
5. Perform additional sampling of the vault water from tank T-001 and the individual vaults to further assess Pb levels and variability of Pb concentrations.

Elm Holdings and AECOM welcome the opportunity to meet with NYSDEC to discuss this ongoing evaluation.

Please feel free to contact Mark Becker via e-mail or at (973) 883-8500, or James Kaczor via email or at (716) 866-0522 if you have any questions regarding this submittal.

Sincerely yours,

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TABLES

TABLE 1
GROUNDWATER REMEDIATION SYSTEM PERFORMANCE SUMMARY - JUNE 2022 THROUGH JUNE 2023
FORMER CARBORUNDUM FACILITY
SANBORN, NEW YORK

Well	Category	Units	June 2022	July 2022	August 2022	September 2022	October 2022	November 2022	December 2022	Annual Total 2022	January 2023	February 2023	March 2023	April 2023	May 2023	June 2022	Annual Total 2023
		Days	30	31	31	30	31	30	31	365	31	28	31	30	31	30	151 of 365
P-2																	
	Uptime	(%)	99%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	99%	100%	99%	100%
	Average Flow	(gpm)	0.7	0.5	0.5	0.4	0.4	0.4	0.6	0.8	1.0	1.3	1.3	1.1	1.1	0.8	1.1
	Total Flow	(gal)	32,357	22,202	20,581	19,410	16,690	19,260	27,615	417,080	46,478	51,834	58,321	45,873	49,722	33,066	285,294
	VOC Concentration	(ppb)	2,282	2,282	2,282	2,282	6,100	6,100	6,100	NA	6,100	6,100	1,449	1,449	1,449	1,449	NA
	Total Contaminant removed	(lbs)	0.6	0.4	0.4	0.4	0.8	1.0	1.4	10.6	2.4	2.6	0.7	0.6	0.6	0.4	7.3
	% of Total Flow		1.39%	1.09%	0.88%	0.76%	0.77%	0.71%	1.22%	1.54%	2.51%	2.28%	2.04%	2.22%	1.85%	1.52%	2.07%
P-3																	
	Uptime	(%)	99%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	99%	100%	99%	100%
	Average Flow	(gpm)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	Total Flow	(gal)	1,597	791	391	230	161	211	504	14,332	971	1,090	1,647	1,352	1,364	842	7,266
	VOC Concentration	(ppb)	30	30	30	30	37	37	37	NA	37	37	49	49	49	49	NA
	Total Contaminant removed	(lbs)	0.0004	0.0002	0.0001	0.0001	0.0000	0.0001	0.0002	0.0	0.0003	0.0003	0.0007	0.0005	0.0006	0.0003	0.0
	% of Total Flow		0.07%	0.04%	0.02%	0.01%	0.01%	0.01%	0.02%	0.05%	0.05%	0.05%	0.06%	0.07%	0.05%	0.04%	0.05%
P-4																	
	Uptime	(%)	99%	100%	100%	100%	100%	100%	97%	97%	100%	100%	100%	11%	0%	77%	65%
	Average Flow	(gpm)	0.1	0.1	0.0	0.0	0.0	0.0	0.2	0.3	0.5	0.5	0.7	0.1	0.0	0.1	0.3
	Total Flow	(gal)	5,772	2,341	2,155	1,452	389	790	6,981	152,391	20,949	21,089	29,367	5,787	0	2,176	79,368
	VOC Concentration	(ppb)	2,144	2,144	2,144	2,144	166	166	166	NA	166	166	2,776	2,776	2,776	2,776	NA
	Total Contaminant removed	(lbs)	0.1	0.0	0.0	0.0	0.0	0.0	0.0	3.0	0.0	0.0	0.7	0.1	0.0	0.1	0.9
	% of Total Flow		0.25%	0.11%	0.09%	0.06%	0.02%	0.03%	0.31%	0.56%	1.13%	0.93%	1.03%	0.28%	0.00%	0.10%	0.58%
PW-1																	
	Uptime	(%)	99%	100%	100%	100%	100%	100%	97%	99%	100%	100%	100%	99%	100%	99%	100%
	Average Flow	(gpm)	52.9	45.1	52.0	58.7	48.0	62.6	49.8	52.3	39.9	54.4	62.0	46.6	59.1	49.6	51.9
	Total Flow	(gal)	2,286,668	2,012,770	2,323,479	2,536,143	2,141,060	2,705,519	2,221,405	27,483,596	1,782,015	2,191,561	2,769,061	2,014,382	2,639,155	2,143,254	13,539,428
	VOC Concentration	(ppb)	2,060	2,060	2,060	2,060	1,780	1,780	1,780	NA	1,780	1,780	5,210	5,210	5,210	5,210	NA
	Total Contaminant removed	(lbs)	39.3	34.6	39.9	43.6	31.8	40.2	33.0	364.0	26.5	32.5	120.3	87.5	114.7	93.1	474.6
	% of Total Flow		98.22%	98.75%	99.01%	99.17%	99.20%	99.25%	98.40%	97.75%	96.15%	96.58%	96.71%	97.28%	98.00%	98.31%	97.17%
PW-3																	
	Uptime	(%)	99%	80%	100%	100%	100%	100%	100%	98%	100%	100%	100%	99%	100%	99%	100%
	Average Flow	(gpm)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.1	0.1	0.1	0.1	0.0	0.1
	Total Flow	(gal)	1,741	132	122	42	114	91	1,100	26,488	2,866	3,617	4,957	3,374	2,825	694	18,333
	VOC Concentration	(ppb)	10,530	10,530	10,530	10,530	1,208	1,208	1,208	NA	1,208	1,208	17,430	17,430	17,430	17,430	NA
	Total Contaminant removed	(lbs)	0.2	0.0	0.0	0.0	0.0	0.0	0.0	1.4	0.0	0.0	0.7	0.5	0.4	0.1	1.8
	% of Total Flow		0.07%	0.01%	0.01%	0.00%	0.01%	0.00%	0.05%	0.10%	0.15%	0.16%	0.17%	0.16%	0.10%	0.03%	0.13%
Vaults (T-002)																	
	Uptime	(%)	99%	99%	99%	99%	99%	99%	99%	99%	99%	99%	99%	99%	99%	99%	99%
	Average Flow	(gpm)	0.6	0.3	0.2	0.1	0.1	0.2	0.6	0.5	1.2	0.9	1.3	1.0	0.7	0.0	0.9
	Total Flow	(gal)	26,693	14,564	9,174	5,380	6,293	7,569	25,290	285,683	53,882	36,752	59,197	43,388	32,181		225,401
	VOC Concentration	(ppb)	1,391	1,391	1,391	1,391	454	454	454	NA	454	454	1,780	1,780	1,780	1,780	NA
	Total Contaminant removed	(lbs)	0.3	0.2	0.1	0.1	0.0	0.0	0.1	2.7	0.2	0.1	0.9	0.6	0.5	0.0	2.3
	% of Total Flow		1.15%	0.71%	0.39%	0.21%	0.29%	0.28%	1.12%	1.07%	2.91%	1.62%	2.07%	2.10%	1.19%	0.00%	1.65%
Well Head																	
	Average Flow	(gpm)	54	46	53	59	48	63	51	53	42	56	64	48	60	50	53
	Total Flow-Well heads	(gal)	2,328,135	2,038,236	2,346,728	2,557,277	2,158,414	2,725,871	2,257,605	28,093,887	1,853,279	2,269,191	2,863,353	2,070,768	2,693,066	2,180,032	13,929,689
Groundwater Remediation System Total																	
	Uptime	(%)	99%	97%	100%	100%	100%	100%	99%	99%	100%	100%	100%	84%	83%	95%	94%
	Average Flow	(gpm)	35.5	35.9	35.8	34.9	31.2	30.8	33.2	32.5	26.7	33.9	28.6	24.0	32.2	30.3	29.3
	Total Flow-PLC Meter	(gal)	1,534,909	1,604,767	1,596,611	1,508,786	1,394,742	1,328,769	1,483,758	17,093,371	1,192,224	1,366,960	1,276,221	1,036,059	1,435,300	1,310,100	7,616,863
	VOCs to Influent	(ppm)	18.4	18.4	18.4	18.4	9.7	9.7	9.7	14	9.7	9.7	28.7	28.7	28.7	28.7	22
	Total Contaminant Removed	(lbs)	40.5	35.2	40.5	44.0	32.7	41.2	34.5	381.7	29.1	35.4	123.3	89.4	116.2	93.7	487.0

Notes:

1. For the trailing twelve month period ending 06/30/2023.
2. Uptime estimated and reflects potential uptime.
3. Flow rates are estimated throughout the period due to meter malfunctions.
4. VOC Concentration (see above) equals the sum of the chlorinated compounds.
5. Mass removed is based on the percentage of flow and concentrations of VOCs at the pumping wells.

gpm: Gallons per minute
gal: Gallons
ppm: Parts per million
lbs: Pounds
NA: Not available

TABLE 2
SUMMARY OF SPDES LEAD RESULTS AND RESPONSE MEASURES
FORMER CARBORUNDUM FACILITY
SANBORN, NEW YORK

Initial Sample Date	Initial Total Lead (μg/L)	Resample Date	Resample Total Lead (μg/L)	Average Total Lead (μg/L)	Response Measures
6/7/2022	**26**	N/A	N/A	N/A	Advised plant staff to closely monitor bag filter performance.
7/6/2022	9.2	N/A	N/A	N/A	N/A
8/1/2022	7.8	N/A	N/A	N/A	N/A
9/1/2022	9.6	N/A	N/A	N/A	N/A
10/4/2022	9.9	N/A	N/A	N/A	N/A
11/1/2022	**57**	11/15/2022	26	N/A	Replaced automatic sampling device and tubing.
		11/22/2022	14	**32.3**	N/A
12/9/2022	11	N/A	N/A	N/A	N/A
1/4/2023	**30**	1/25/2023	18	24	
2/1/2022	9.3	N/A	N/A	N/A	N/A
3/1/2023	**29**	3/21/2023	14	21.5	Removed sediment and pressure-washed effluent tank.
4/13/2023	24	N/A	N/A	N/A	N/A
5/2/2023	14	N/A	N/A	N/A	N/A
6/7/2023	**30**	45092	16	23	Start getting post-air stripper samples to identify source.
7/6/2023	15	N/A	N/A	N/A	N/A

Notes

μg/L: Micrograms per Liter

Discharge limit is 25 μg/L

BOLD indicates result exceeds discharge limit

TABLE 3
SUMMARY OF SAMPLING PROGRAM TO EVALUATE SOURCE OF ELEVATED TOTAL LEAD IN EFFLUENT
FORMER CARBORUNDUM FACILITY
SANBORN, NEW YORK

SAMPLE LOCATION	DATE	SAMPLE MEDIA	SAMPLE TYPE	ANALYSES
Post-Air Stripper / Pre-GAC	7/6/2023	Aqueous	Composite	Total Lead, VOCs
Post-Air Stripper / Pre-GAC	7/11/2023	Aqueous	Composite	Total Lead, VOCs
Post-Air Stripper / Pre-GAC	7/19/2023	Aqueous	Composite	Total Lead, VOCs
Recovery wells, VWCC Tank T-001	7/19/2023	Aqueous	Grab	Total Lead
Tank T-802 Solids Drum	7/19/2023	Solid	Composite	Total Lead, TCLP
Post-Air Stripper / Pre-GAC	7/21/2023	Aqueous	Grab	Total Lead, VOCs
Recovery wells, VWCC Tank T-001	7/25/2023	Aqueous	Grab	Total Lead, Dissolved Lead, ph
Post-Influent Tank / Pre-Bag Filters	7/25/2023	Aqueous	Grab	Total Lead, Dissolved Lead, ph
Post-Bag Filter / Pre-Air Stripper	7/25/2023	Aqueous	Grab	Total Lead, Dissolved Lead, ph
VWCC Equilibration Tank T-002	7/25/2022	Aqueous	Grab	Total Lead, Dissolved Lead, ph
Post Tank T-002 / Post Bag Filters	7/25/2022	Aqueous	Grab	Total Lead, Dissolved Lead, ph
Post-Air Stripper / Pre-GAC	7/25/2023	Aqueous	4 Grab Samples	Total Lead, Dissolved Lead, ph
Post-GAC	7/25/2023	Aqueous	Grab	Total Lead, Dissolved Lead, ph
City water used for backwash	7/25/2023	Aqueous	Grab	Total Lead, Dissolved Lead, ph
Post-Air Stripper / Pre-GAC	8/1/2023	Aqueous	Composite	Total Lead

Notes

GAC: Granular Activated Carbon
TCLP: Toxicity Characteristic Leachate Procedure
VOCs: Volatile Organic Compounds
VWCC: Vault Water Collection and Conveyance System
Aqueous Composite Samples were collected over an 8-hour period.

TABLE 4
SUMMARY OF AQUEOUS VOC RESULTS
FORMER CARBORUNDUM FACILITY
SANBORN, NEW YORK

SAMPLE LOCATION SAMPLE TYPE SAMPLE DATE	UNITS	POST-AIR STRIPPER 8-HR COMPOSITE 7/6/2023	POST-AIR STRIPPER 8-HR COMPOSITE 7/11/2023	POST-AIR STRIPPER 8-HR COMPOSITE 7/19/2023	POST-AIR STRIPPER GRAB 7/25/2023
Chloroform	µg/l	ND	ND	ND	ND
cis-1,2-Dichloroethene	µg/l	ND	ND	ND	ND
1,1-Dichloroethane	µg/l	ND	ND	ND	ND
1,2-Dichloroethane	µg/l	ND	ND	ND	ND
1,1-Dichloroethene	µg/l	ND	ND	ND	ND
Methylene Chloride	µg/l	ND	ND	ND	ND
trans-1,2-Dichloroethene	µg/l	ND	ND	ND	ND
1,1,1-Trichloroethane	µg/l	ND	ND	ND	ND
Trichloroethene	µg/l	0.54	ND	ND	0.56
Vinyl chloride	µg/l	ND	ND	ND	ND

Notes:
µg/l: Micrograms per Liter
ND: Not Detected

TABLE 5A
AQUEOUS LEAD SAMPLE RESULTS - GROUNDWATER
FORMER CARBORUNDUM FACILITY
SANBORN, NEW YORK

SAMPLE LOCATION SAMPLE TYPE SAMPLE DATE	UNIT	P-2 GRAB 7/19/2023	P-3 GRAB 7/19/2023	P-4 GRAB 7/19/2023	PW-1 GRAB 7/19/2023	PW-3 GRAB 7/19/2023	T-001 GRAB 7/19/2023
Total Lead	µg/l	2.2	6.3	12	9.9	4.8	24
Dissolved Lead	µg/l	N/A	N/A	N/A	N/A	N/A	N/A
pH	s.u.	N/A	N/A	N/A	N/A	N/A	N/A

SAMPLE LOCATION SAMPLE TYPE SAMPLE DATE	UNIT	P-2 GRAB 7/25/2023	P-3 GRAB 7/25/2023	P-4 GRAB 7/25/2023	PW-1 GRAB 7/25/2023	PW-3 GRAB 7/25/2023	T-001 GRAB 7/25/2023
Total Lead	µg/l	4.3	3.4	7.2	21	3.7	**1,400**
Dissolved Lead	µg/l	ND	ND	0.52 JB	ND	ND	ND
pH	s.u.	7.4	7.5	7.4	7.7	N/A	7.4

Notes
µg/l: Micrograms per
s.u.: Standard Units
J: Estimated value
B: Analyte also found in lab blank
ND: Not Detected
N/A: Not Analyzed

TABLE 5B
AQUEOUS LEAD SAMPLE RESULTS - GRS TREATMENT BUILDING
FORMER CARBORUNDUM FACILITY
SANBORN, NEW YORK

SAMPLE LOCATION		POST-VAULT WATER EQUALIZATION TANK / PRE-BAG FILTER	POST-VAULT WATER EQUALIZATION TANK / POST-BAG FILTER	POST-EQUALIZATION TANK T-801 / PRE-BAG FILTER	POST-EQUALIZATION TANK T-801 / POST-BAG FILTER
SAMPLE ID	**UNIT**	**T-002**	**POST-T002-POSTVAULTBAGFILTER**	**POST-801-PRE-BAGFILTER**	**POST-801-POST-BAGFILTER**
SMPLE TYPE		**GRAB**	**GRAB**	**GRAB**	**GRAB**
SAMPLE DATE		**7/25/2023**	**7/25/2023**	**7/25/2023**	**7/25/2023**
Total Lead	µg/l	3.7	0.56 J	20	20
Dissolved Lead	µg/l	ND	ND	18	18
pH	s.u.	7.7	7.8	7.5	7.5

Notes
µg/l: Micrograms per
s.u.: Standard Units
N/A: Not Analyzed
ND: Not Detected
J: Estimated value
ND: Not Detected
N/A: Not Analyzed

TABLE 5B
AQUEOUS LEAD SAMPLE RESULTS - GRS TREATMENT BUILDING
FORMER CARBORUNDUM FACILITY
SANBORN, NEW YORK

SAMPLE LOCATION		POST AIR STRIPPER / PRE-GAC VESSEL	POST AIR STRIPPER / PRE-GAC VESSEL	POST AIR STRIPPER / PRE-GAC VESSEL	POST AIR STRIPPER / PRE-GAC VESSEL	POST AIR STRIPPER / PRE-GAC VESSEL	POST AIR STRIPPER / PRE-GAC VESSEL
SAMPLE ID **SMPLE TYPE** **SAMPLE DATE**	**UNIT**	**POST-AIR STRIPPER** **8-HR COMPOSITE** **7/6/2023**	**POST-AIR STRIPPER** **8-HR COMPOSITE** **7/11/2023**	**POST-AIR STRIPPER** **8-HR COMPOSITE** **7/19/2023**	**SANBORNPRECARBON** **GRAB** **7/21/2023**	**PRECARBON GRAB 1** **GRAB** **7/25/2023**	**PRECARBON GRAB 2** **GRAB** **7/25/2023**
Total Lead	µg/l	**27**	19	22	20	19	18
Dissolved Lead	µg/l	N/A	N/A	N/A	N/A	N/A	N/A
pH	s.u.	N/A	N/A	N/A	N/A	N/A	N/A

Notes
µg/l: Micrograms per
s.u.: Standard Units
N/A: Not Analyzed
ND: Not Detected
J: Estimated value
ND: Not Detected
N/A: Not Analyzed

TABLE 5B
AQUEOUS LEAD SAMPLE RESULTS - GRS TREATMENT BUILDING
FORMER CARBORUNDUM FACILITY
SANBORN, NEW YORK

SAMPLE LOCATION		POST AIR STRIPPER / PRE-GAC VESSEL	POST AIR STRIPPER / PRE-GAC VESSEL	POST GAC VESSEL / PRE TANK T-802	POST GAC VESSEL / PRE TANK T-802	CITY WATER SPIGOT IN GRS BUILDING
SAMPLE ID **SMPLE TYPE** **SAMPLE DATE**	**UNIT**	**PRECARBON GRAB 3** **GRAB** **7/25/2023**	**PRECARBON LAB GRAB 4** **GRAB** **7/25/2023**	**POST-GAC** **GRAB** **7/25/2023**	**POST-GAC** **8-HR COMPOSITE** **8/1/2023**	**CITY WATER** **GRAB** **7/25/2023**
Total Lead	µg/l	19	19	22	18	6.0
Dissolved Lead	µg/l	N/A	15	8.9	N/A	2.1
pH	s.u.	N/A	8.5	8.3	N/A	8.5

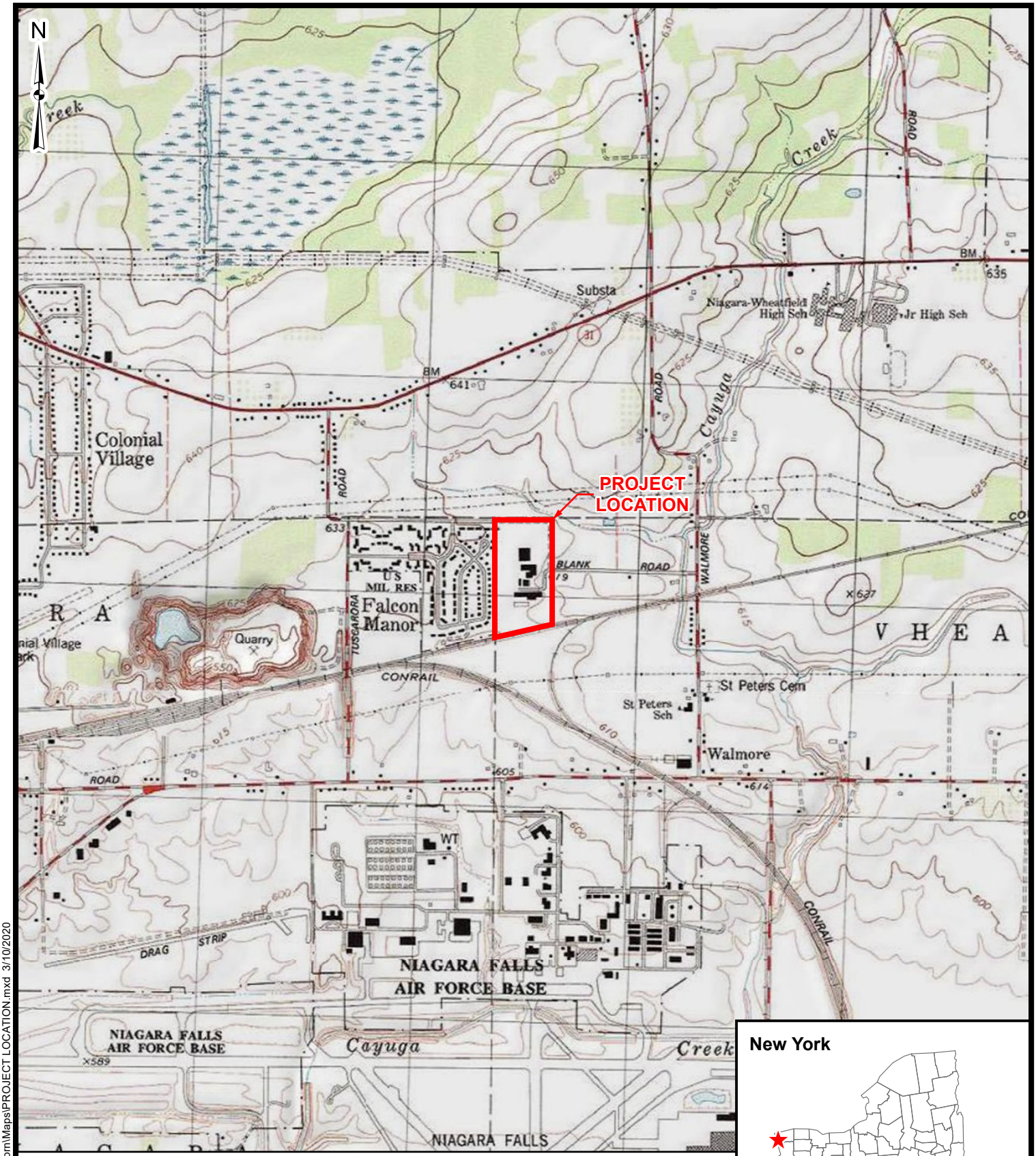
Notes
µg/l: Micrograms per
s.u.: Standard Units
N/A: Not Analyzed
ND: Not Detected
J: Estimated value
ND: Not Detected
N/A: Not Analyzed

TABLE 6
SUMARY OF TANK SOLIDS SAMPLING RESULTS
FORMER CARBORUNDUM FACILITY
SANBORN, NEW YORK

SAMPLE ID SAMPLE DATE ANALYTE	UNITS	DRUM-071923_COMP 7/19/2023	
TCLP			
VOCs			
1,1-Dichloroethene	mg/L	ND	
1,2-Dichloroethane	mg/L	ND	
2-Butanone (MEK)	mg/L	ND	
Benzene	mg/L	ND	
Carbon tetrachloride	mg/L	ND	
Chlorobenzene	mg/L	ND	
Tetrachloroethene	mg/L	ND	
Trichloroethene	mg/L	0.012	J
Vinyl chloride	mg/L	ND	
Chloroform	mg/L	ND	
SVOCs			
1,4-Dichlorobenzene	mg/L	ND	
2,4,5-Trichlorophenol	mg/L	ND	
2,4,6-Trichlorophenol	mg/L	ND	
2,4-Dinitrotoluene	mg/L	ND	
Hexachlorobenzene	mg/L	ND	
Hexachlorobutadiene	mg/L	ND	
Hexachloroethane	mg/L	ND	
2-Methylphenol	mg/L	ND	
3 & 4 Methylphenol	mg/L	ND	
Nitrobenzene	mg/L	ND	
Pentachlorophenol	mg/L	ND	
Pyridine	mg/L	ND	
PESTICIDES			
Chlordane (technical)	mg/L	ND	
Endrin	mg/L	ND	
Heptachlor	mg/L	ND	
Heptachlor epoxide	mg/L	ND	
gamma-BHC (Lindane)	mg/L	ND	
Methoxychlor	mg/L	ND	
Toxaphene	mg/L	ND	
HERBICIDES			
2,4-D	mg/L	ND	
Silvex (2,4,5-TP)	mg/L	ND	
METALS			
Mercury	mg/L	ND	
Arsenic	mg/L	ND	
Barium	mg/L	0.34	J
Cadmium	mg/L	0.039	J
Chromium	mg/L	0.0047	J B
Lead	mg/L	**0.084**	
Selenium	mg/L	ND	
Silver	mg/L	ND	
OTHER			
Sulfide	mg/Kg	ND	
Sulfide as H2S	mg/Kg	ND	
Total Lead	mg/Kg	**880**	

Notes
mg/L: Milligrams per Liter
mg/Kg: Milligrams per Kilogram
ND: Not Detected
TCLP: Toxicity Characteristic Leachate Procedure
J: Estimater value
B: Analyte also found in laboratory blank

FIGURES



Source: USA Topo Maps, ESRI Map Service;
1:24,000-scale USGS Topographic Map,
Ransomville, 1996
Tonawanda West, 1996

2,000 0 2,000 Feet

AECOM

FORMER CARBORUNDUM FACILITY
SANBORN, NEW YORK
PROJECT LOCATION PLAN

FIGURE 1

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Legend

- Monitoring Well
- Monitoring Well (Abandoned)
- Recovery Well
- Recovery Well (Abandoned)

Source: ESRI World Imagery

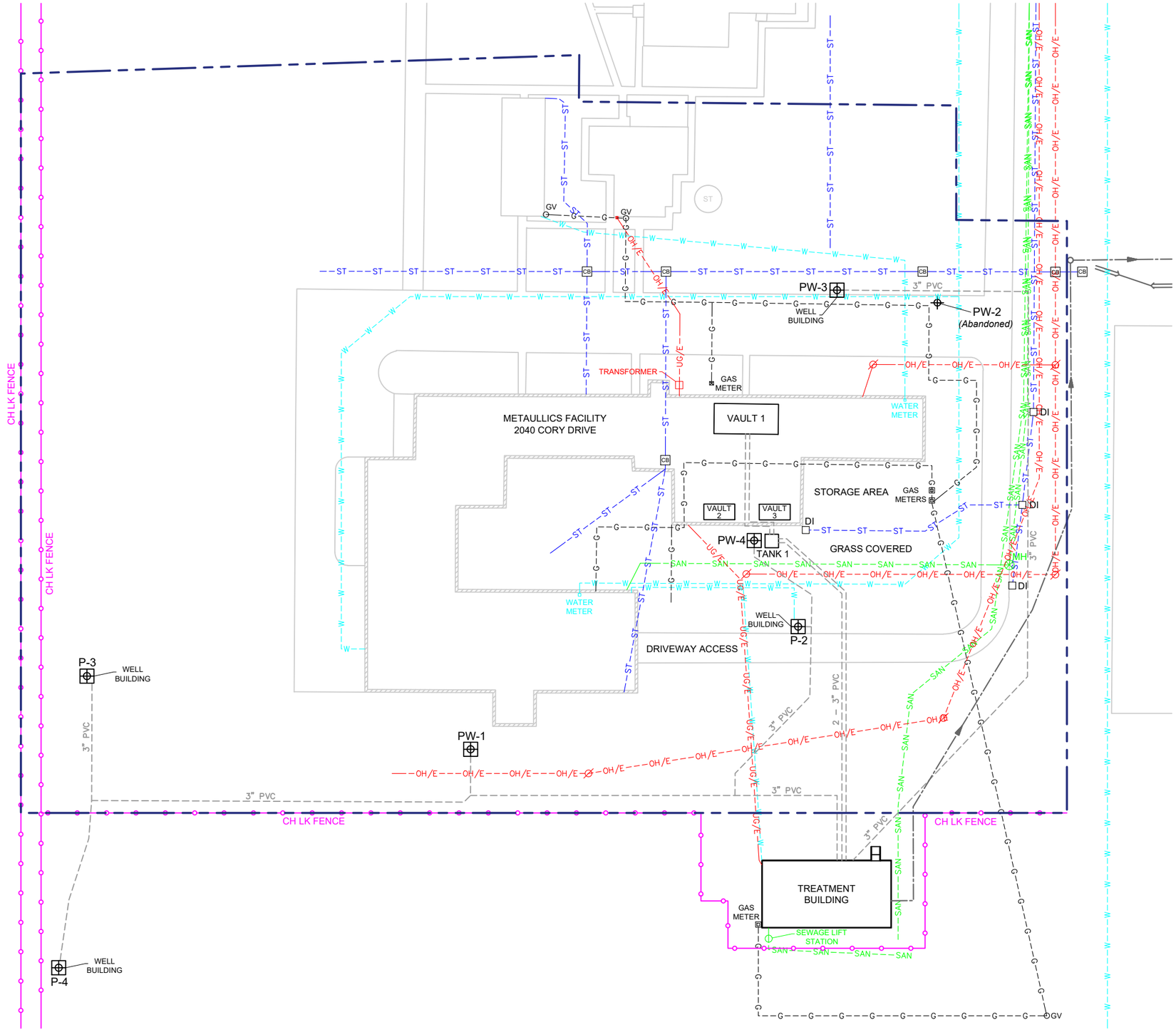
500 0 500 Feet

FORMER CARBORUNDUM FACILITY
SANBORN, NEW YORK
SITE PLAN

AECOM

FIGURE 2

J:\Projects\60481767_BPIPO\MISC\GIS\Sanborn\Maps\2019\SITE PLAN.mxd 3/10/2020



Legend

- Underground Gas Line
- Underground Water Line
- Storm Sewer
- Sanitary Sewer
- Underground Electric Line
- Overhead Electric Line
- Underground Pumping Header
- SPDES Discharge Pipe
- Property Line
- Fence
- P-3 — Approximate Location of Pumping Well
- DI — Drain Inlet
- CB — Catch Basin
- Utility Pole
- GV — Gas Valve
- MH — Manhole

NOTE: PIPING LOCATIONS ARE APPROXIMATE.

N

SCALE IN FEET:

80 0 80

1" = 80'

FORMER CARBORUNDUM FACILITY SANBORN, NEW YORK	
SITE PLAN - UTILITIES	
AECOM	FIGURE 3

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N

NOT TO SCALE

METAULLICS BUILDING

VAULT 1

P-001

P-002

VAULT 2

P-003

VAULT 3

VWCC CONSOLIDATION SUMP (T-001)

P-004

P-005

FROM VWCC T-001

FROM P-2, P-3, P-4, PW-1, PW-3 & PW-4

EQUALIZATION TANK T-801

P-803C

P-803B

STRIPPER FEED PUMPS

VWCC T-002

VWCC FILTER FEED PUMPS (P-006-P007)

TO SPDES OUTFALL

SECONDARY CONTAINMENT CURB

LIQUID PHASE CARBON FILTER LC-801B

LOW PROFILE AIR STRIPPER (S-801A)

U-104

U-103

U-102

U-101

VWCC PARTICULATE FILTERS

EFFLUENT PUMPS (P-810A & 810B)

LIQUID PHASE CARBON FILTER LC-801A

CARBON FEED PUMPS (P-805A & 805C)

PRE-STRIPPER PARTICULATE FILTERS

(U-801A/B, U-802A/B)

EFFLUENT TANK T-802

ELECTRIC

AIR COMPRESSOR

PUMPS (ABANDONED IN PLACE)

P-806A

P-805B

P-806B

P-806C

CONTROL PANEL

H.W.

LAVATORY

CONTROL ROOM

COMPUTER DESK

MCC ROOM

P-701A

P-701B

P-701C

P-701D

VACUUM BLOWERS (ABANDONED IN PLACE)

B-801 BLOWER

BLOWER ROOM

STRIPPER COLUMNS (ABANDONED IN PLACE)

S-801A

STEEL PLATFORM

S-801B

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FORMER CARBORUNDUM FACILITY
SANBORN, NEW YORK

EQUIPMENT LAYOUT

AECOM

FIGURE 4

C:\Users\TanaseG\AECOM\GDS GIS Services - DCS AMERICAS\BP-IPO\Former Carborundum Facility, Sanborn, NY\Workspace\Former Carborundum Facility.dwg

P-2	
Date	Lead
7/19/23	2.2 (N/A)
7/25/23	4.3 (ND)

P-3	
Date	Lead
7/19/23	6.3 (N/A)
7/25/23	3.4 (ND)

P-4	
Date	Lead
7/19/23	12 (N/A)
7/25/23	7.2 (0.52)

PW-1	
Date	Lead
7/19/23	9.9 (N/A)
7/25/23	21 (ND)

PW-3	
Date	Lead
7/19/23	4.8 (N/A)
7/25/23	3.7 (ND)

P-2

P-3

P-4

PW-1

PW-3

T-001	
Date	Lead
7/19/23	24 (N/A)
7/25/23	**1,400** (ND)

TANK T-001

VAULT 1

VAULT 3

TREATMENT BUILDING

TANK T-801

BAG FILTERS

TANK T-002

POST-T-801/ PRE-BAG FILTER	
Date	Lead
7/25/23	20 (18)

POST-T-002/ POST-BAG FILTER	
Date	Lead
7/25/23	0.56 (ND)

POST-T-002/ PRE-BAG FILTER	
Date	Lead
7/25/23	3.7 (ND)

BAG FILTERS

POST-T-801/ POST-BAG FILTER	
Date	Lead
7/25/23	20 (18)

CITY WATER	
Date	Lead
7/25/23	6.0 (2.1)

AIR STRIPPER

POST-AIR STRIPPER PRE-GAC VESSEL	
Date	Lead
7/6/23	**27** (N/A)
7/11/23	19 (N/A)
7/19/23	22 (N/A)
7/21/23	20 (N/A)
7/25/23	19 (N/A)
7/25/23	18 (N/A)
7/25/23	19 (N/A)
7/25/23	19 (15)
8/1/23	18 (N/A)

GAC VESSELS

POST-GAC VESSEL/ PRE-T-802	
Date	Lead
7/25/23	22 (8.9)

TANK T-802

EFFLUENT SAMPLE PORT (SEE TABLE 2)

TO OUTFALL 001

NOT TO SCALE

Legend

20 (18)	Total Lead (Dissolved Lead) in µg/L
BOLD	Result excceds effluent limit
N/A	Not Analyzed
ND	Not Detected
♦	Sample Location

FORMER CARBORUNDUM FACILITY
SANBORN, NEW YORK

GROUNDWATER REMEDIATON SYSTEM
SCHEMATIC DIAGRAM WITH SAMPLING DATA

AECOM

FIGURE 5

APPENDIX A
NYSDEC NONCOMPLIANCE REPORTS

Appendix B

SECTION 1

New York State Department of Environmental Conservation
Division of Water

Report of Noncompliance Event

To: DEC Water Contact Denine Jackson ***DEC Region:*** 9

Report Type: ___ *5 Day* ___ *Permit Violation* ___ *Order Violation* ___ *Anticipated Noncompliance* ___ *Bypass/Overflow* ✔ *Other*

SECTION 2

SPDES #: NY- 0001988 **Facility:** Former Carborundum Complex

Date of noncompliance: 06/07/2022 **Location (Outfall, Treatment Unit, or Pump Station):** 01-A

Description of noncompliance(s) and cause(s): Lead (Total) was reported at 26 ug/L for sample collected on June 6, 2022 vs. 25 ug/L discharge criterion. The June 2022 result was only the second to exceed criterion since March 2016 (see attached table). It was noted during data review that Total Suspended Solids were slightly elevated in June 2022 and November 2018 (only other prior elevated Pb result) but not at levels greater than the upper end of range of results since March 2016 (see attached table). July 6, 2022 Lead (Total) result was 9.2 ug/L, below discharge criterion.

Has event ceased? Yes **If so, when?** 7/6/2022 **Was event due to plant upset?** No **SPDES limits violated?** Yes

Start date, time of event: 06/06/2022 , _____ am **End date, time of event:** 07/06/2022 _____ am

Date, time oral notification made to DEC? 07/28/2022 , _____ am **DEC Official contacted:** Denine Jackson

Immediate corrective actions: Although a Lead (Total) sample was not collected, it is likely the event ceased on or before June 22, 2022, based on rough correlation with Total Suspended Solids result of ND at 1 mg/L on that date. Plant staff have been advised to monitor bag filter operation closely to ensure optimal performance of the system.

Preventive (long term) corrective actions: Plant staff have been advised to monitor bag filter operation closely to ensure optimal performance of the system.

SECTION 3

Complete this section if event was a bypass:

Bypass amount: _____ Was prior DEC authorization received for this event? No

DEC Official contacted: _____ Date of DEC approval: _____

Describe event in "Description of noncompliance and cause" area in Section 2. Detail the start and end dates and times in Section 2 also.

SECTION 4

Facility Representative: James L. Kaczor **Title:** Attorney-in-Fact for Elm Holdings Inc. **Date:** 7/28/22

Phone #: (716) 856-5636 **Fax #:** (n/a)

I Certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

Kaczor, James Digitally signed by Kaczor, James Date: 2022.07.28 09:30:39 -04'00'

Signature of Principal Executive Officer or Authorized Agent

Former Carborundum Complex, Sanborn, NY
SPDES Permit No. NY 0001988

LOGDATE	PARNAME	PARVAL	MDL	UNITS	PQL
7/6/2022	Total Suspended Solids	3.8	1	MG/L	4
7/6/2022	Lead, Total	9.2	0.45	UG/L	1
6/22/2022	Total Suspended Solids		1	MG/L	4
6/7/2022	Lead, Total	26	3	UG/L	10
6/7/2022	Total Suspended Solids	5.6	4	MG/L	4
5/17/2022	Total Suspended Solids		3.3	MG/L	13
5/5/2022	Lead, Total	4.1	0.45	UG/L	1
5/5/2022	Total Suspended Solids		3.3	MG/L	13
4/20/2022	Total Suspended Solids		3.7	MG/L	15
4/7/2022	Lead, Total	4.7	0.071	UG/L	0.5
4/7/2022	Total Suspended Solids		2	MG/L	6
3/24/2022	Total Suspended Solids		1.6	MG/L	1.6
3/3/2022	Lead, Total	6.6	3	UG/L	10
3/3/2022	Total Suspended Solids		4	MG/L	4
2/17/2022	Total Suspended Solids	77	4	MG/L	4
2/8/2022	Lead, Total	6.8	3	UG/L	10
2/8/2022	Total Suspended Solids		4	MG/L	4
1/20/2022	Total Suspended Solids		4	MG/L	4
1/5/2022	Lead, Total	4.5	3	UG/L	10
1/5/2022	Total Suspended Solids	4	4	MG/L	4
12/16/2021	Total Suspended Solids		4	MG/L	4
12/8/2021	Lead, Total	5.4	3	UG/L	10
12/8/2021	Total Suspended Solids		4	MG/L	4
11/17/2021	Total Suspended Solids	1	1	MG/L	4
11/2/2021	Lead, Total	4	0.45	UG/L	1
11/2/2021	Total Suspended Solids		1	MG/L	4
10/21/2021	Total Suspended Solids		1	MG/L	4
10/15/2021	Lead, Total	11	0.45	UG/L	1
10/15/2021	Total Suspended Solids		1	MG/L	4
9/21/2021	Total Suspended Solids	1	1	MG/L	4
9/3/2021	Lead, Total	4.2	0.45	UG/L	1
9/3/2021	Total Suspended Solids		1	MG/L	4
8/18/2021	Total Suspended Solids		1	MG/L	4
8/3/2021	Lead, Total	2.7	0.45	UG/L	1
8/3/2021	Total Suspended Solids		1	MG/L	4
7/22/2021	Total Suspended Solids		1	MG/L	4
7/8/2021	Lead, Total	3.6	0.45	UG/L	1
7/8/2021	Total Suspended Solids		1	MG/L	4
6/15/2021	Total Suspended Solids	3	1	MG/L	4
6/3/2021	Lead, Total	3.7	0.45	UG/L	1
6/3/2021	Total Suspended Solids	2	1	MG/L	4
5/19/2021	Total Suspended Solids	2	1	MG/L	4
5/3/2021	Lead, Total	3.6	0.45	UG/L	1
5/3/2021	Total Suspended Solids		1	MG/L	4

LOGDATE	PARNAME	PARVAL	MDL	UNITS	PQL
4/23/2021	Total Suspended Solids		1	MG/L	4
4/8/2021	Lead, Total	3.7	0.45	UG/L	1
4/8/2021	Total Suspended Solids		1	MG/L	4
3/17/2021	Total Suspended Solids		1	MG/L	4
3/3/2021	Lead, Total	3	0.45	UG/L	1
3/3/2021	Total Suspended Solids		1	MG/L	4
2/24/2021	Total Suspended Solids		1	MG/L	4
2/4/2021	Lead, Total	3.2	0.45	UG/L	1
2/4/2021	Total Suspended Solids		2.2	MG/L	4
1/21/2021	Total Suspended Solids		2.2	MG/L	4
1/6/2021	Lead, Total	4	0.45	UG/L	1
1/6/2021	Total Suspended Solids		2.2	MG/L	4
12/18/2020	Total Suspended Solids		2.2	MG/L	4
12/2/2020	Lead, Total	3.2	0.45	UG/L	1
12/2/2020	Total Suspended Solids		2.2	MG/L	4
11/19/2020	Total Suspended Solids		2.2	MG/L	4
11/13/2020	Lead, Total	3.5	0.45	UG/L	1
11/13/2020	Total Suspended Solids		2.2	MG/L	4
10/29/2020	Total Suspended Solids		2.2	MG/L	4
10/13/2020	Lead, Total	3.3	0.45	UG/L	1
10/13/2020	Total Suspended Solids		2.2	MG/L	4
9/16/2020	Total Suspended Solids		2.2	MG/L	4
9/10/2020	Lead, Total	4.6	0.45	UG/L	1
9/10/2020	Total Suspended Solids		2.2	MG/L	4
8/21/2020	Total Suspended Solids		2.2	MG/L	4
8/6/2020	Lead, Total	3	0.45	UG/L	1
8/6/2020	Total Suspended Solids		2.2	MG/L	4
7/21/2020	Total Suspended Solids		2.2	MG/L	4
7/8/2020	Lead, Total	4.3	0.45	UG/L	1
7/8/2020	Total Suspended Solids	5	2.2	MG/L	4
6/17/2020	Total Suspended Solids	3	2.2	MG/L	4
6/5/2020	Lead, Total	4	0.45	UG/L	1
6/5/2020	Total Suspended Solids	5	2.2	MG/L	4
5/20/2020	Total Suspended Solids		2.2	MG/L	4
5/6/2020	Lead, Total	4.1	0.45	UG/L	1
5/6/2020	Total Suspended Solids		2.2	MG/L	4
4/16/2020	Total Suspended Solids		2.2	MG/L	4
4/1/2020	Lead, Total	3.7	0.45	UG/L	1
4/1/2020	Total Suspended Solids		2.2	MG/L	4
3/18/2020	Total Suspended Solids		2.2	MG/L	4
3/5/2020	Lead, Total	2.7	0.45	UG/L	1
3/5/2020	Total Suspended Solids	3	2.2	MG/L	4
2/19/2020	Total Suspended Solids		2.2	MG/L	4
2/4/2020	Lead, Total	3.3	0.45	UG/L	1

LOGDATE	PARNAME	PARVAL	MDL	UNITS	PQL
2/4/2020	Total Suspended Solids		2.2	MG/L	4
1/29/2020	Total Suspended Solids	6	2.2	MG/L	4
1/8/2020	Lead, Total	3.4	0.45	UG/L	1
1/8/2020	Total Suspended Solids		2.2	MG/L	4
12/17/2019	Total Suspended Solids	5	2.2	MG/L	4
12/4/2019	Lead, Total	3.7	0.45	UG/L	1
12/4/2019	Total Suspended Solids	3	2.2	MG/L	4
11/21/2019	Total Suspended Solids		2.2	MG/L	4
11/13/2019	Lead, Total	4.2	0.45	UG/L	1
11/13/2019	Total Suspended Solids	3	2.2	MG/L	4
10/23/2019	Total Suspended Solids	6	2.2	MG/L	4
10/11/2019	Lead, Total	3.6	0.45	UG/L	1
10/11/2019	Total Suspended Solids	3	2.2	MG/L	4
9/26/2019	Total Suspended Solids		2.2	MG/L	4
9/12/2019	Lead, Total	4	0.45	UG/L	1
9/12/2019	Total Suspended Solids		2.2	MG/L	4
8/22/2019	Total Suspended Solids		2.2	MG/L	4
8/7/2019	Lead, Total	3.6	0.45	UG/L	1
8/7/2019	Total Suspended Solids	4	2.2	MG/L	4
7/16/2019	Total Suspended Solids		2.2	MG/L	4
7/10/2019	Lead, Total	3.8	0.45	UG/L	1
7/10/2019	Total Suspended Solids		2.2	MG/L	4
6/19/2019	Total Suspended Solids		2.2	MG/L	4
6/5/2019	Lead, Total	3.6	0.45	UG/L	1
6/5/2019	Total Suspended Solids		2.2	MG/L	4
5/15/2019	Total Suspended Solids	5	2.2	MG/L	4
5/1/2019	Lead, Total	3.1	0.45	UG/L	1
5/1/2019	Total Suspended Solids		2.2	MG/L	4
4/17/2019	Total Suspended Solids		2.2	MG/L	4
4/3/2019	Lead, Total	3.1	0.45	UG/L	1
4/3/2019	Total Suspended Solids		2.2	MG/L	4
3/27/2019	Total Suspended Solids	3	2.2	MG/L	4
3/5/2019	Lead, Total	3.1	0.45	UG/L	1
3/5/2019	Total Suspended Solids		2.2	MG/L	4
2/20/2019	Total Suspended Solids		2.2	MG/L	4
2/5/2019	Lead, Total	3	0.45	UG/L	1
2/5/2019	Total Suspended Solids		2.2	MG/L	4
1/15/2019	Total Suspended Solids		2.2	MG/L	4
1/3/2019	Lead, Total	3	0.45	UG/L	1
1/3/2019	Total Suspended Solids		2.2	MG/L	4
12/18/2018	Total Suspended Solids		2.2	MG/L	4
12/4/2018	Lead, Total	15	0.45	UG/L	1
12/4/2018	Total Suspended Solids	3	2.2	MG/L	4
11/27/2018	Lead, Total	3	0.45	UG/L	1

LOGDATE	PARNAME	PARVAL	MDL	UNITS	PQL
11/27/2018	Total Suspended Solids	3	2.2	MG/L	4
11/20/2018	Total Suspended Solids	10	2.2	MG/L	4
11/6/2018	Lead, Total	27	0.45	UG/L	1
11/6/2018	Total Suspended Solids	30	2.2	MG/L	4
10/16/2018	Total Suspended Solids		2.2	MG/L	4
10/3/2018	Lead, Total	5.2	0.45	UG/L	1
10/3/2018	Total Suspended Solids	8	2.2	MG/L	4
9/21/2018	Total Suspended Solids		2.2	MG/L	4
9/5/2018	Lead, Total	4.8	0.45	UG/L	1
9/5/2018	Total Suspended Solids		2.2	MG/L	4
8/21/2018	Total Suspended Solids		2.2	MG/L	4
8/9/2018	Lead, Total	4.9	0.45	UG/L	1
8/9/2018	Total Suspended Solids		2.2	MG/L	4
7/24/2018	Total Suspended Solids		2.2	MG/L	4
7/9/2018	Lead, Total	4.8	0.45	UG/L	1
7/9/2018	Total Suspended Solids		2.2	MG/L	4
6/20/2018	Total Suspended Solids		2.2	MG/L	4
6/6/2018	Lead, Total	7.8	0.45	UG/L	1
6/6/2018	Total Suspended Solids		2.2	MG/L	4
5/15/2018	Total Suspended Solids		2.2	MG/L	4
5/1/2018	Lead, Total	3.1	0.45	UG/L	1
5/1/2018	Total Suspended Solids		2.2	MG/L	4
4/17/2018	Total Suspended Solids		2.2	MG/L	4
4/5/2018	Lead, Total	5	0.45	UG/L	1
4/5/2018	Total Suspended Solids		2.2	MG/L	4
3/27/2018	Total Suspended Solids		2.2	MG/L	4
3/8/2018	Lead, Total	3.2	0.45	UG/L	1
3/8/2018	Total Suspended Solids		2.2	MG/L	4
2/22/2018	Total Suspended Solids	14	2.2	MG/L	4
2/7/2018	Lead, Total	2.9	0.45	UG/L	1
2/7/2018	Total Suspended Solids		2.2	MG/L	4
1/23/2018	Total Suspended Solids		2.2	MG/L	4
1/4/2018	Lead, Total	2.8	0.45	UG/L	1
1/4/2018	Total Suspended Solids		2.2	MG/L	4
12/19/2017	Total Suspended Solids		2.2	MG/L	4
12/8/2017	Lead, Total	5.1	0.45	UG/L	1
12/8/2017	Total Suspended Solids		2.2	MG/L	4
12/1/2017	Total Suspended Solids		2.2	MG/L	4
11/7/2017	Lead, Total	7.7	0.45	UG/L	1
11/7/2017	Total Suspended Solids		2.2	MG/L	4
10/17/2017	Total Suspended Solids		2.2	MG/L	4
10/5/2017	Lead, Total	3.7	0.45	UG/L	1
10/5/2017	Total Suspended Solids		2.2	MG/L	4
9/19/2017	Total Suspended Solids	6	2.2	MG/L	4

LOGDATE	PARNAME	PARVAL	MDL	UNITS	PQL
9/5/2017	Lead, Total	2.9	0.45	UG/L	1
9/5/2017	Total Suspended Solids	5	2.2	MG/L	4
8/17/2017	Total Suspended Solids		2.2	MG/L	4
8/1/2017	Lead, Total	2.8	0.45	UG/L	1
8/1/2017	Total Suspended Solids		2.2	MG/L	4
7/19/2017	Total Suspended Solids		2.2	MG/L	4
7/6/2017	Lead, Total	2.7	0.45	UG/L	1
7/6/2017	Total Suspended Solids		2.2	MG/L	4
6/21/2017	Total Suspended Solids		2.2	MG/L	4
6/7/2017	Lead, Total	19	0.45	UG/L	1
6/7/2017	Total Suspended Solids	8	2.2	MG/L	4
5/17/2017	Total Suspended Solids	7	2.2	MG/L	4
5/3/2017	Lead, Total	2.4	0.45	UG/L	1
5/3/2017	Total Suspended Solids	5	2.2	MG/L	4
4/21/2017	Total Suspended Solids		1.8	MG/L	4
4/4/2017	Lead, Total	5.2	0.16	UG/L	1
4/4/2017	Total Suspended Solids		1.8	MG/L	4
3/21/2017	Total Suspended Solids		1.8	MG/L	4
3/7/2017	Lead, Total	6.3	0.16	UG/L	1
3/7/2017	Total Suspended Solids	2	1.8	MG/L	4
2/21/2017	Total Suspended Solids		1.8	MG/L	4
2/7/2017	Lead, Total	9.5	0.16	UG/L	1
2/7/2017	Total Suspended Solids	4	1.8	MG/L	4
1/17/2017	Total Suspended Solids		1.8	MG/L	4
1/4/2017	Lead, Total	2.8	0.16	UG/L	1
1/4/2017	Total Suspended Solids		1.8	MG/L	4
12/20/2016	Total Suspended Solids		1.8	MG/L	4
12/7/2016	Lead, Total	1.8	0.16	UG/L	1
12/7/2016	Total Suspended Solids		1.8	MG/L	4
11/16/2016	Total Suspended Solids		1	MG/L	3
11/4/2016	Lead, Total	1.6	0.09	UG/L	1
11/4/2016	Total Suspended Solids		1	MG/L	3
10/19/2016	Total Suspended Solids		1	MG/L	3
10/5/2016	Lead, Total	2	0.09	UG/L	1
10/5/2016	Total Suspended Solids		1	MG/L	3
9/22/2016	Total Suspended Solids	3	1	MG/L	3
9/6/2016	Lead, Total	2.1	0.09	UG/L	1
9/6/2016	Total Suspended Solids		1	MG/L	3
8/17/2016	Total Suspended Solids		1	MG/L	3
8/3/2016	Lead, Total	2.4	0.09	UG/L	1
8/3/2016	Total Suspended Solids		1	MG/L	3
7/20/2016	Total Suspended Solids		1	MG/L	3
7/6/2016	Lead, Total	6	0.09	UG/L	1
7/6/2016	Total Suspended Solids		1	MG/L	3

LOGDATE	PARNAME	PARVAL	MDL	UNITS	PQL
6/15/2016	Total Suspended Solids		1	MG/L	3
6/1/2016	Lead, Total	2	0.13	UG/L	1
6/1/2016	Total Suspended Solids		1	MG/L	3
5/17/2016	Total Suspended Solids		1	MG/L	3
5/3/2016	Lead, Total	1.9	0.13	UG/L	1
5/3/2016	Total Suspended Solids		1	MG/L	3
4/19/2016	Total Suspended Solids		1	MG/L	3
4/5/2016	Lead, Total	2.4	0.13	UG/L	1
4/5/2016	Total Suspended Solids		1	MG/L	3
3/15/2016	Total Suspended Solids		1	MG/L	3
3/1/2016	Lead, Total	2.3	0.13	UG/L	1
3/1/2016	Total Suspended Solids		1	MG/L	3

Appendix B

SECTION 1

New York State Department of Environmental Conservation
Division of Water

Report of Noncompliance Event

To: DEC Water Contact Denine Jackson ***DEC Region:*** 9

Report Type: ___ *5 Day* ___ *Permit Violation* ___ *Order Violation* ___ *Anticipated Noncompliance* ___ *Bypass/Overflow* ✓ *Other*

SECTION 2

SPDES #: NY- 0001988 **Facility:** Former Carborundum Complex

Date of noncompliance: 11/01/2022 **Location (Outfall, Treatment Unit, or Pump Station):** 01-A

Description of noncompliance(s) and cause(s): Lead (Total) was reported at 57 ug/L for the sample collected on November 1, 2022 vs. 25 ug/L discharge criterion. The sample results were not received until after the subsequent sample was collected on November 15, 2022; the November 15, 2022 result was 26 ug/L. Immediately following receipt of the November 1, 2022 data the automated data collection system was replaced and another sample was collected on November 22, 2022. The November 22, 2022 result was 14 ug/L, below the discharge criterion.

Has event ceased? Yes **If so, when?** 11/22/2022 **Was event due to plant upset?** No **SPDES limits violated?** Yes

Start date, time of event: 11/01/2022 _____ am **End date, time of event:** 11/22/2022 _____ am

Date, time oral notification made to DEC? 12/28/2022 _____ am **DEC Official contacted:** Denine Jackson

Immediate corrective actions: Immediately following receipt of the November 1, 2022 data the automated data collection system was replaced and another sample was collected on November 22, 2022. The November 22, 2022 result was 14 ug/L, below the discharge criterion.

Preventive (long term) corrective actions: Plant staff have been advised to monitor the condition of the sample collection system and increase replacement frequency.

SECTION 3

Complete this section if event was a bypass:

Bypass amount: _____ Was prior DEC authorization received for this event? No

DEC Official contacted: _____ Date of DEC approval: _____

Describe event in "Description of noncompliance and cause" area in Section 2. Detail the start and end dates and times in Section 2 also.

SECTION 4

Facility Representative: James L. Kaczor **Title:** Attorney-in-Fact for Elm Holdings Inc. **Date:** 12/28/22

Phone #: (716) 856-5636 **Fax #:** (n/a)

I Certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

Kaczor, James Digitally signed by Kaczor, James Date: 2022.12.28 16:05:24 -05'00'

Signature of Principal Executive Officer or Authorized Agent

Appendix B

SECTION 1

New York State Department of Environmental Conservation
Division of Water

Report of Noncompliance Event

To: DEC Water Contact Denine Jackson ***DEC Region:*** 9

Report Type: ___ *5 Day* ___ *Permit Violation* ___ *Order Violation* ___ *Anticipated Noncompliance* ___ *Bypass/Overflow* ✓ *Other*

SECTION 2

SPDES #: NY- 0001988 **Facility:** Former Carborundum Complex

Date of noncompliance: 01/04/2023 **Location (Outfall, Treatment Unit, or Pump Station):** 01-A

Description of noncompliance(s) and cause(s): Lead (Total) was reported at 30 ug/L for the sample collected on January 4, 2023; data were received January 19, 2023. Following review and confirmation of the results with the laboratory, a re-sample was collected on January 25, 2023. The January 25, 2023 result was 18 ug/L, below the discharge criterion of 25 ug/L. Accounting for both samples, the average for the month, 24 ug/L, was also below the discharge criterion.

Has event ceased? Yes **If so, when?** 01/25/2023 **Was event due to plant upset?** No **SPDES limits violated?** Yes

Start date, time of event: 01/04/2023 _____ am **End date, time of event:** 01/25/2023 _____ am

Date, time oral notification made to DEC? 02/28/2023 _____ am **DEC Official contacted:** Denine Jackson

Immediate corrective actions: Immediately following receipt of the January 4, 2023 data the automated data collection system was thoroughly re-checked for indications of potential wear or cross-contamination. A thorough review of system monitoring and maintenance standard operating procedures was also performed.

Preventive (long term) corrective actions: Plant staff have been advised to monitor the condition of the sample collection system for indications of potential wear or cross-contamination.

SECTION 3

Complete this section if event was a bypass:

Bypass amount: _____ Was prior DEC authorization received for this event? No

DEC Official contacted: _____ Date of DEC approval: _____

Describe event in "Description of noncompliance and cause" area in Section 2. Detail the start and end dates and times in Section 2 also.

SECTION 4

Facility Representative: James L. Kaczor **Title:** Attorney-in-Fact for Elm Holdings Inc. **Date:** 02/28/23

Phone #: (716) 856-5636 **Fax #:** (n/a)

I Certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

Kaczor, James Digitally signed by Kaczor, James Date: 2023.02.28 17:21:10 -05'00'

Signature of Principal Executive Officer or Authorized Agent

Appendix B

SECTION 1

New York State Department of Environmental Conservation
Division of Water

Report of Noncompliance Event

To: DEC Water Contact Denine Jackson ***DEC Region:*** 9

Report Type: ___ *5 Day* ___ *Permit Violation* ___ *Order Violation* ___ *Anticipated Noncompliance* ___ *Bypass/Overflow* ✓ *Other*

SECTION 2

SPDES #: NY- 0001988 **Facility:** Former Carborundum Complex

Date of noncompliance: 03/01/2023 **Location (Outfall, Treatment Unit, or Pump Station):** 01-A

Description of noncompliance(s) and cause(s): Lead (Total) was reported at 29 ug/L for the sample collected on March 1, 2023; data were received March 16, 2023. Following review and confirmation of the results with the laboratory, a re-sample was collected on March 21, 2023. The March 21, 2023 result was 14 ug/L, below the discharge criterion of 25 ug/L. Accounting for both samples, the average for the month, 21.5 ug/L, was also below the discharge criterion.

Has event ceased? Yes **If so, when?** 03/21/2023 **Was event due to plant upset?** No **SPDES limits violated?** Yes

Start date, time of event: 03/10/2023 _____ am **End date, time of event:** 03/16/2023 _____ am

Date, time oral notification made to DEC? 04/28/2023 _____ am **DEC Official contacted:** Denine Jackson

Immediate corrective actions: Immediately following receipt of the March 1, 2023 data the treatment system was thoroughly checked for potential concerns, including inspection of bag filters and system components. As a precaution, a cleaning of the treated water effluent tanks was scheduled and was performed April 4, 2023. The monthly metals sample for April 2023 was collected April 13, 2023 and the lead result was 24 ug/L, continuing to be below the permit criterion of 25 ug/L.

Preventive (long term) corrective actions: Plant staff have been advised to monitor the condition of the treatment system for indications of potential wear or cross-contamination. In researching potential concerns related to this event, it was noted that prior communications between NYSDEC and the permit holder regarding naturally occurring lead concentrations in groundwater up to 34 ug/L had taken place. See correspondence from Mark Raybuck (Parsons) to Catherine Hardison (NYSDEC) dated August 13, 2010.

SECTION 3

Complete this section if event was a bypass:

Bypass amount: _____ Was prior DEC authorization received for this event? No

DEC Official contacted: _____ Date of DEC approval: _____

Describe event in "Description of noncompliance and cause" area in Section 2. Detail the start and end dates and times in Section 2 also.

SECTION 4

Facility Representative: James L. Kaczor **Title:** Attorney-in-Fact for Elm Holdings Inc. **Date:** 04/28/23

Phone #: (716) 856-5636 **Fax #:** (n/a)

I Certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

Kaczor, James Digitally signed by Kaczor, James Date: 2023.04.28 14:17:35 -04'00'

Signature of Principal Executive Officer or Authorized Agent

Appendix B

SECTION 1

New York State Department of Environmental Conservation
Division of Water

Report of Noncompliance Event

To: DEC Water Contact Denine Jackson ***DEC Region:*** 9

Report Type: ___ *5 Day* ___ *Permit Violation* ___ *Order Violation* ___ *Anticipated Noncompliance* ___ *Bypass/Overflow* ✔ *Other*

SECTION 2

SPDES #: NY- 0001988 **Facility:** Former Carborundum Complex

Date of noncompliance: 06/06/2023 **Location (Outfall, Treatment Unit, or Pump Station):** 01-A

Description of noncompliance(s) and cause(s): Lead (Total) was reported at 30 ug/L for the sample collected on June 6, 2023; data were received June 19, 2023. Following review and confirmation of the results with the laboratory, a re-sample was collected on June 16, 2023. The June 16, 2023 result was 16 ug/L, below the discharge criterion of 25 ug/L. Accounting for both samples, the average for the month, 23 ug/L, was also below the discharge criterion.

Has event ceased? Yes **If so, when?** 06/16/2023 **Was event due to plant upset?** No **SPDES limits violated?** Yes

Start date, time of event: 06/06/2023, _____ am **End date, time of event:** 06/16/2023 _____ am

Date, time oral notification made to DEC? _____, _____ am **DEC Official contacted:** Denine Jackson

Immediate corrective actions: Immediately following receipt of the June 6, 2023 data the treatment system was thoroughly checked for potential concerns, including inspection of bag filters and system components. Implementation of additional lead sampling throughout the system is ongoing to isolate where the lead is originating. The monthly metals sample for July 2023 was collected July 6, 2023 and the lead result was 15 ug/L, continuing to be below the permit criterion of 25 ug/L.

Preventive (long term) corrective actions: Plant staff have been advised to monitor the condition of the treatment system for indications of potential wear or cross-contamination. In researching potential concerns related to this event, it was noted that prior communications between NYSDEC and the permit holder regarding naturally occurring lead concentrations in groundwater up to 34 ug/L had taken place. See correspondence from Mark Raybuck (Parsons) to Catherine Hardison (NYSDEC) dated August 13, 2010.

SECTION 3

Complete this section if event was a bypass:

Bypass amount: _____ Was prior DEC authorization received for this event? No

DEC Official contacted: _____ Date of DEC approval: _____

Describe event in "Description of noncompliance and cause" area in Section 2. Detail the start and end dates and times in Section 2 also.

SECTION 4

Facility Representative: James L. Kaczor **Title:** Attorney-in-Fact for Elm Holdings Inc. **Date:** 07/26/23

Phone #: (716) 856-5636 **Fax #:** (n/a)

I Certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

✔ _____

Signature of Principal Executive Officer or Authorized Agent

Appendix F

Waste Management Documentation

Please print or type. Form Approved. OMB No. 2050-0039

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator ID Number	2. Page 1 of	3. Emergency Response Phone	4. Manifest Tracking Number
NYR000030726	2	(800) 326-1221	001316650 WAS

GENERATOR

5. Generator's Name and Mailing Address
ELM HOLDINGS INC. / ~~EMMET RD~~ KEVIN McGOWAN
~~257 W. GENESEE STREET~~ 50 LAKEFAIR BLVD STE 11
BUFFALO, NY 14202
(716)531-3312
Generator's Phone:

Generator's Site Address (if different than mailing address)
ELM HOLDINGS INC. / ~~EMMET RD~~ KEVIN McGOWAN
2040 CORY DR
SANBORN, NY 14132-9388
GEN: 116785

6. Transporter 1 Company Name
HERITAGE TRANSPORT LLC
U.S. EPA ID Number
IND058484114

7. Transporter 2 Company Name
U.S. EPA ID Number

8. Designated Facility Name and Site Address
HERITAGE THERMAL SERVICES, INC.
1250 SAINT GEORGE ST UNIT 1
EAST LIVERPOOL, OH 43920-3461
Facility's Phone: (800)545-7655
U.S. EPA ID Number
OHD980613541

9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	13. Waste Codes		
X	1. RQ, NA3077, HAZARDOUS WASTE, SOLID, N.O.S., 9, PGIII, (CLOTH FILTER BAGS, RUBBER GASKETS, ABSORBENT PADS AND MINERAL DEPOSITS W/	5	DM	~~200~~ KR 1700	P	F001	D008	
	2.							
	3.							
	4.							

14. Special Handling Instructions and Additional Information
1.000_W9_01532476_OTLDR
ERI:HERITAGE [1899973410

15. **GENERATOR'S/OFFEROR'S CERTIFICATION:** I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent.
I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.

Generator's/Offeror's Printed/Typed Name: KEVIN McGOWAN ATTORNEY-IN-FACT FOR ELM HOLDINGS INC
Signature: ATTORNEY-IN-FACT FOR ELM HOLDINGS INC
Month: 12 Day: 06 Year: 23

INT'L

16. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:
Transporter signature (for exports only): Date leaving U.S.:

TRANSPORTER

17. Transporter Acknowledgment of Receipt of Materials

Transporter 1 Printed/Typed Name: KEVIN KAIP
Signature:
Month: 12 Day: 26 Year: 23

Transporter 2 Printed/Typed Name
Signature
Month: Day: Year:

DESIGNATED FACILITY

18. Discrepancy

18a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection

Manifest Reference Number:

18b. Alternate Facility (or Generator)
U.S. EPA ID Number
Facility's Phone:

18c. Signature of Alternate Facility (or Generator)
Month: Day: Year:

19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)

1.	2.	3.	4.
H040			

20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a

Printed/Typed Name
Signature
Month: Day: Year:

GENERATOR'S INITIAL COPY

Please print or type. Form Approved. OMB No. 2050-0039

UNIFORM HAZARDOUS WASTE MANIFEST (Continuation Sheet)

21. Generator ID Number

22. Page 2 of 2

23. Manifest Tracking Number

24. Generator's Name

ELM HOLDINGS INC. / ~~CHEEKTOWAGA~~ Kev McG
2040 CORY DR
SANBORN, NY 14132-9388

25. Transporter _____ Company Name — U.S. EPA ID Number

26. Transporter _____ Company Name — U.S. EPA ID Number

GENERATOR

27a. HM	27b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	28. Containers No.	28. Containers Type	29. Total Quantity	30. Unit Wt./Vol.	31. Waste Codes		
	1. TRICHLOROETHENE, TOXIC, ER#: 2	XXX	XX	XXX	X	XXXX	XXXX	XXXX
						XXXX	XXXX	XXXX

32. Special Handling Instructions and Additional Information

TRANSPORTER

33. Transporter _____ Acknowledgment of Receipt of Materials

Printed/Typed Name | Signature | Month | Day | Year

34. Transporter _____ Acknowledgment of Receipt of Materials

Printed/Typed Name | Signature | Month | Day | Year

DESIGNATED FACILITY

35. Discrepancy

36. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)

EPA Form 8700-22A (Rev. 12-17) Previous editions are obsolete.

GENERATOR'S INITIAL COPY

HERITAGE®

Stop Ticket

Stop#: **4180796-15119**

Trip#: 3119563

Site#: 116785

EPA ID#: NYR000030726
PO#: 81751

Pick-up: 12/27/23 - 12/27/23

Pick-up Time: 08:00-17:00

Internal Contact
ANGELA MILLER (317)979-8137

Mailing Address
EMILY AU
ELM HOLDINGS INC.
257 W. GENESEE STREET
SUITE 400
BUFFALO, NY 14202
UNITED STATES

Site Address (GEN)
ELM HOLDINGS INC.
2040 CORY DR
SANBORN, NY 14132-9388
UNITED STATES

Phone# (716)531-3312
ZACK, DINO - (716)923-1125 CELL# (716)866-8222

TRANSPORTATION AND DRIVER INFORMATION:

Driver Instructions: DRIVER PLEASE CONTACT KEVIN MCGOVERN ON HIS CELL 585-314-3259 AN HOUR BEFORE ARRIVAL
E ON PACKARD (CR82) BECOMES LOCKPORT (CR6)- LFT ON WALMORE- LFT ON CORY- GO TO END & THRU GATE- GO LFT, THRU ANOTHER GATE TO BLUE BLDG- STAY LFT, GO TO REAR & TO NEXT BLDG
SITE CONTACT - JEFF POULSEN 716-432-7685
HERITAGE TRANSPORT LLC (8000) (317)486-2975
IND058484114 US DOT#: 314460

Emergency Rate ☐

Tractor# 464 Trailer# 35-2L

Odometer: Start_____ End_____

Liner Qty_____

Driver# 8199 Driver Name KEVIN RAPP Date 12-26-23

PPE : PPE FOR CLOSED CONTAINERS - SAFETY GLASSES, SAFETY TOE, WORK GLOVES, HARD HAT. IF LEAKING OR SPILL - EVACUATE AREA

Does the logistics information need to be updated?Y ☐ N ☑

*** Containers not picked up due to compliance issue require picture and description to be sent to internal contact and immediate supervisor for no-load fee. ***

PAPERWORK CHECKLIST: (Manifest Corrections or Changes ** Notify Dispatch **)

Manifest Checked / Properly Filled Out ☑ Stop Ticket Checked / Completed ☑ LDR Checked (if applicable) ☑

DESIGNATED FACILITY AND WASTESTREAM INFORMATION:

HERITAGE THERMAL SERVICES, INC. (15119) OHD980613541
1250 SAINT GEORGE ST UNIT 1, PO BOX 1026 EAST LIVERPOOL, OH 43920-3461 UNITED STATES (800)545-7655

P/U Items	Common Name	See Manifest	Transaction	Prod	Ref#	Ord Type
1)	FILTER BAGS,RUBBER GASKETS,MINERAL DEPC	001316650WAS-1	16880525	8080	Y9N	5 DF

Stop Ticket

Stop#: **4180796-15119**

Trip#: 3119563

Site#: 116785

EPA ID#: NYR000030726
PO#: 81751

Pick-up: 12/27/23 - 12/27/23

Pick-up Time: 08:00-17:00

Internal Contact
ANGELA MILLER (317)979-8137

PAYROLL/BILLING
HERITAGE TERMINAL

TIME IN: _____ **TIME OUT:** _____

TOTAL TIME (MINUTES): _____

GENERATOR PICKUP

TIME IN: 3:35 **TIME OUT:** _____

TOTAL TIME (MINUTES): _____ **DEMURRAGE*:** _____

TSD FINAL DELIVERY

TIME IN: _____ **TIME OUT:** _____

TOTAL TIME (MINUTES): _____ **DEMURRAGE*:** _____

***ALL LOADS ARE ALLOWED 60 MINUTES FOR LOADING/UNLOADING BEFORE DEMURRAGE**

Items	Description	Transaction	Ord	Actual

GENERATOR PICKUP SITE REP

Name_____ Signature_____ Date_____

TSD FINAL DELIVERY SITE REP

Name_____ Signature_____ Date_____

Appendix G

Groundwater Sampling Field Forms (October 2023)

AECOM

GROUNDWATER SAMPLING LOG

Low Flow Sampling Record

bp

Site Name:	Well ID:	Well Diameter:
IP-BP Sanborn	T-002	

Samplers: C. Horrocks

Weather: Indoor

Water Volume Calculation	
1 inch= 0.041	6 inch= 1.4
1.5 inch= 0.092	8 inch= 2.5
2 inch= 0.163	10 inch= 4
4 inch= 0.64	

gal = (Total Depth of Well - Depth to Water) × Casing volume per foot

Acceptance Criteria:	
Temp	± 3%
pH	± 0.1 unit
Sp. Cond.	± 3%
ORP	± 10mV
DO	± 10%
Turbidity	<50 NTU
Drawdown	<0.3 ft

Purging Data: feet below top of inner casing

Method: Peri / Bladder | Date: 10/18/23 | Time: (hhmm) 0880

Initial Depth to Water: — | Depth to Bottom: —

Time (hhmm)	DTW (ft)	Pump Rate (ml/min)	Volume (gal.)	Temp (C°)	Sp. Cond (ms/cm)	DO (mg/L)	pH	ORP (mV)	Turb (NTU)	Comments:
0880	—	—	—	15.77	1.95	8.20	6.69	211	7.6	

Sample Collection Method: Peri / Bladder | **Date:** 10/18/23 | **Time:** 0820 | **Total Volume of Water Purged (gal):** —

Hach Test Kits

Alkalinity (mg/L)	—
Carbon Dioxide (mg/L)	—
Ferrous Iron (mg/L)	—
Hydrogen Sulfide (mg/L)	—
DTW	—

Comments:

Sample Set

Parameter		Bottle	Pres.	Method
VOCs	☑	3-40 mL glass vial	HCL	8260C
Dissolved Fe & Mn	☐	1-500 mL poly(field filtered)	HNO3	6010C
TOC	☐	2-40mL amber glass vial	H2SO4	9060A
M.E.E	☐	3-40 mL glass vial	HCL	RSK-175 mod
Sulfide	☐	1- 250mL glass (field filtered)	NaOH/Zn Acetate	SM 4500 S2
Sulfate	☐	2-40 mL glass vial (field filtered)	unpreserved	300.0
Microbial Population	☐	In-line filter	N/A	CENSUS

AECOM

GROUNDWATER SAMPLING LOG

Low Flow Sampling Record

bp

Site Name:	Well ID:	Well Diameter:
IP-BP Sanborn	P-2	

Samplers: G Hernandez

Weather: 51° Cloudy

Water Volume Calculation

1 inch= 0.041	6 inch= 1.4
1.5 inch= 0.092	8 inch= 2.5
2 inch= 0.163	10 inch= 4
4 inch= 0.64	

gal = (Total Depth of Well - Depth to Water) × Casing volume per foot

Acceptance Criteria:

Temp	± 3%
pH	± 0.1 unit
Sp. Cond.	± 3%
ORP	± 10mV
DO	± 10%
Turbidity	<50 NTU
Drawdown	<0.3 ft

Purging Data: feet below top of inner casing

Method: Peri / Bladder | Date: 10/18/23 | Time: (hhmm) 0935 | Initial Depth to Water: 19.22 | Depth to Bottom: 26.09

Time (hhmm)	DTW (ft)	Pump Rate (ml/min)	Volume (gal.)	Temp (C°)	Sp. Cond (ms/cm)	DO (mg/L)	pH	ORP (mV)	Turb (NTU)	Comments:
0935	19.22	—	—	13.96	1.83	8.43	6.82	186	7.7	

Sample Collection Method: Peri / Bladder | **Date:** 10/18/23 | **Time:** 0935 | **Total Volume of Water Purged (gal):** —

Hach Test Kits

Alkalinity (mg/L)	
Carbon Dioxide (mg/L)	
Ferrous Iron (mg/L)	
Hydrogen Sulfide (mg/L)	
DTW	

Comments:

Sample Set

Parameter		Bottle	Pres.	Method
VOCs	☑	3-40 mL glass vial	HCL	8260C
Dissolved Fe & Mn	☐	1-500 mL poly(field filtered)	HNO3	6010C
TOC	☐	2-40mL amber glass vial	H2SO4	9060A
M.E.E	☐	3-40 mL glass vial	HCL	RSK-175 mod
Sulfide	☐	1- 250mL glass (field filtered)	NaOH/Zn Acetate	SM 4500 S2
Sulfate	☐	2-40 mL glass vial (field filtered)	unpreserved	300.0
Microbial Population	☐	In-line filter	N/A	CENSUS

AECOM

GROUNDWATER SAMPLING LOG

Low Flow Sampling Record

bp

Site Name:	Well ID:	Well Diameter:
IP-BP Sanborn	P-3	

Samplers: C. Herrocks

Weather: Cloudy 53°

Water Volume Calculation

1 inch= 0.041	6 inch= 1.4
1.5 inch= 0.092	8 inch= 2.5
2 inch= 0.163	10 inch= 4
4 inch= 0.64	

gal = (Total Depth of Well - Depth to Water) × Casing volume per foot

Acceptance Criteria:

Temp	± 3%
pH	± 0.1 unit
Sp. Cond.	± 3%
ORP	± 10mV
DO	± 10%
Turbidity	<50 NTU
Drawdown	<0.3 ft

Purging Data:

Method: Peri / Bladder | Date: 10/18/23 | Time: (hhmm) 1035

feet below top of inner casing

Initial Depth to Water	Depth to Bottom
26.92	29.10

Time (hhmm)	DTW (ft)	Pump Rate (ml/min)	Volume (gal.)	Temp (C°)	Sp. Cond (ms/cm)	DO (mg/L)	pH	ORP (mV)	Turb (NTU)	Comments:
1035	26.92	—	—	12.22	1.09	8.88	6.72	152	4.0	

Sample Collection Method: Peri / Bladder | **Date:** 10/18/23 | **Time:** 1035 | **Total Volume of Water Purged (gal):** —

Hach Test Kits

Alkalinity (mg/L)	
Carbon Dioxide (mg/L)	
Ferrous Iron (mg/L)	
Hydrogen Sulfide (mg/L)	
DTW	

Comments:

Sample Set

Parameter		Bottle	Pres.	Method
VOCs	☑	3-40 mL glass vial	HCL	8260C
Dissolved Fe & Mn	☐	1-500 mL poly(field filtered)	HNO3	6010C
TOC	☐	2-40mL amber glass vial	H2SO4	9060A
M.E.E	☐	3-40 mL glass vial	HCL	RSK-175 mod
Sulfide	☐	1- 250mL glass (field filtered)	NaOH/Zn Acetate	SM 4500 S2
Sulfate	☐	2-40 mL glass vial (field filtered)	unpreserved	300.0
Microbial Population	☐	In-line filter	N/A	CENSUS

AECOM

GROUNDWATER SAMPLING LOG

Low Flow Sampling Record

bp

Site Name: IP-BP Sanborn

Well ID: P-4

Well Diameter:

Samplers: C. Hendricks

Weather: Cloudy 53°

Water Volume Calculation

1 inch= 0.041	6 inch= 1.4
1.5 inch= 0.092	8 inch= 2.5
2 inch= 0.163	10 inch= 4
4 inch= 0.64	

gal = (Total Depth of Well - Depth to Water) × Casing volume per foot

Acceptance Criteria:

Temp	± 3%
pH	± 0.1 unit
Sp. Cond.	± 3%
ORP	± 10mV
DO	± 10%
Turbidity	<50 NTU
Drawdown	<0.3 ft

Purging Data:

Method: Peri / Bladder

Date: 10/18/23 Time: 1050 (hhmm)

feet below top of inner casing

Initial Depth to Water: 11.43

Depth to Bottom: 33.96

Time hhmm	DTW (ft)	Pump Rate (ml/min)	Volume (gal.)	Temp (C°)	Sp. Cond (ms/cm)	DO (mg/L)	pH	ORP (mV)	Turb (NTU)	Comments:
1050	11.43	—	—	12.02	1.11	9.16	6.63	167	17.1	

Sample Collection Method: Peri / Bladder

Date: 10/18/23 **Time:** 1050

Total Volume of Water Purged (gal): —

Hach Test Kits

Alkalinity (mg/L)	
Carbon Dioxide (mg/L)	
Ferrous Iron (mg/L)	
Hydrogen Sulfide (mg/L)	
DTW	

Comments:

Sample Set

Parameter		Bottle	Pres.	Method
VOCs	☑	3-40 mL glass vial	HCL	8260C
Dissolved Fe & Mn	☐	1-500 mL poly(field filtered)	HNO3	6010C
TOC	☐	2-40mL amber glass vial	H2SO4	9060A
M.E.E	☐	3-40 mL glass vial	HCL	RSK-175 mod
Sulfide	☐	1- 250mL glass (field filtered)	NaOH/Zn Acetate	SM 4500 S2
Sulfate	☐	2-40 mL glass vial (field filtered)	unpreserved	300.0
Microbial Population	☐	In-line filter	N/A	CENSUS

AECOM

GROUNDWATER SAMPLING LOG

Low Flow Sampling Record

bp

Site Name:	Well ID:	Well Diameter:
IP-BP Sanborn	PW-1	

Samplers: Catherine's

Weather: Indoor

Water Volume Calculation

1 inch= 0.041	6 inch= 1.4
1.5 inch= 0.092	8 inch= 2.5
2 inch= 0.163	10 inch= 4
4 inch= 0.64	

gal = (Total Depth of Well - Depth to Water) × Casing volume per foot

Acceptance Criteria:

Temp	± 3%
pH	± 0.1 unit
Sp. Cond.	± 3%
ORP	± 10mV
DO	± 10%
Turbidity	<50 NTU
Drawdown	<0.3 ft

Purging Data:

Method: Peri / Bladder | Date: 10/18/23 | Time: (hhmm) 1010

feet below top of inner casing

Initial Depth to Water	Depth to Bottom
18.26	28.20

Time (hhmm)	DTW (ft)	Pump Rate (ml/min)	Volume (gal.)	Temp (C°)	Sp. Cond (ms/cm)	DO (mg/L)	pH	ORP (mV)	Turb (NTU)	Comments:
1010	18.26	—	—	14.07	0.801	8.50	6.81	163	14.5	

Sample Collection Method: Peri / Bladder | **Date:** 10/18/23 | **Time:** 1010 | **Total Volume of Water Purged (gal):** —

Hach Test Kits

Alkalinity (mg/L)	
Carbon Dioxide (mg/L)	
Ferrous Iron (mg/L)	
Hydrogen Sulfide (mg/L)	
DTW	

Comments:

Sample Set

Parameter		Bottle	Pres.	Method
VOCs	☑	3-40 mL glass vial	HCL	8260C
Dissolved Fe & Mn	☐	1-500 mL poly(field filtered)	HNO3	6010C
TOC	☐	2-40mL amber glass vial	H2SO4	9060A
M.E.E	☐	3-40 mL glass vial	HCL	RSK-175 mod
Sulfide	☐	1- 250mL glass (field filtered)	NaOH/Zn Acetate	SM 4500 S2
Sulfate	☐	2-40 mL glass vial (field filtered)	unpreserved	300.0
Microbial Population	☐	In-line filter	N/A	CENSUS

AECOM

GROUNDWATER SAMPLING LOG

Low Flow Sampling Record

bp

Site Name:	Well ID:	Well Diameter:
IP-BP Sanborn	PW-3	8 in

Samplers: C. Hamelers

Weather: Indoor

Water Volume Calculation

1 inch= 0.041	6 inch= 1.4
1.5 inch= 0.092	8 inch= 2.5
2 inch= 0.163	10 inch= 4
4 inch= 0.64	

gal = (Total Depth of Well - Depth to Water) × Casing volume per foot

Acceptance Criteria:

Temp	± 3%
pH	± 0.1 unit
Sp. Cond.	± 3%
ORP	± 10mV
DO	± 10%
Turbidity	<50 NTU
Drawdown	<0.3 ft

Purging Data:

Method: Peri / Bladder | Date: 10/18/23 | Time: (hhmm) 0915

Initial Depth to Water	Depth to Bottom
11.96 feet below top of inner casing	18.34

Time (hhmm)	DTW (ft)	Pump Rate (ml/min)	Volume (gal.)	Temp (C°)	Sp. Cond (ms/cm)	DO (mg/L)	pH	ORP (mV)	Turb (NTU)	Comments:
0915	11.96	—	—	15.03	1.08	8.49	7.13	177	10.6	

Sample Collection Method: Peri / Bladder | **Date:** 10/18/23 | **Time:** 0915 | **Total Volume of Water Purged (gal):** —

Hach Test Kits

Alkalinity (mg/L)	
Carbon Dioxide (mg/L)	
Ferrous Iron (mg/L)	
Hydrogen Sulfide (mg/L)	
DTW	

Comments:

Sample Set

Parameter		Bottle	Pres.	Method
VOCs	☑	3-40 mL glass vial	HCL	8260C
Dissolved Fe & Mn	☐	1-500 mL poly(field filtered)	HNO3	6010C
TOC	☐	2-40mL amber glass vial	H2SO4	9060A
M.E.E	☐	3-40 mL glass vial	HCL	RSK-175 mod
Sulfide	☐	1- 250mL glass (field filtered)	NaOH/Zn Acetate	SM 4500 S2
Sulfate	☐	2-40 mL glass vial (field filtered)	unpreserved	300.0
Microbial Population	☐	In-line filter	N/A	CENSUS

AECOM

GROUNDWATER SAMPLING LOG

Low Flow Sampling Record

bp

Site Name:	Well ID:	Well Diameter:
IP-BP Sanborn	PW-4	

Samplers: C. Horrocks

Weather: Cloudy 59°

Water Volume Calculation

1 inch= 0.041	6 inch= 1.4
1.5 inch= 0.092	8 inch= 2.5
2 inch= 0.163	10 inch= 4
4 inch= 0.64	

gal = (Total Depth of Well - Depth to Water) × Casing volume per foot

Acceptance Criteria:

Temp	± 3%
pH	± 0.1 unit
Sp. Cond.	± 3%
ORP	± 10mV
DO	± 10%
Turbidity	<50 NTU
Drawdown	<0.3 ft

Purging Data:

Method: Peri / Bladder | Date: 10/18/23 | Time: (hhmm) 0950

feet below top of inner casing

Initial Depth to Water	Depth to Bottom
14.63	33.08

Time (hhmm)	DTW (ft)	Pump Rate (ml/min)	Volume (gal.)	Temp (C°)	Sp. Cond (ms/cm)	DO (mg/L)	pH	ORP (mV)	Turb (NTU)	Comments:
0950	14.63	—	—	14.72	0.416	8.05	7.50	135	129	

Sample Collection Method: Peri / Bladder | **Date:** 10/18/23 | **Time:** 0950 | **Total Volume of Water Purged (gal):** —

Hach Test Kits

Alkalinity (mg/L)	
Carbon Dioxide (mg/L)	
Ferrous Iron (mg/L)	
Hydrogen Sulfide (mg/L)	
DTW	

Comments:

Sample Set

Parameter		Bottle	Pres.	Method
VOCs	☑	3-40 mL glass vial	HCL	8260C
Dissolved Fe & Mn	☐	1-500 mL poly(field filtered)	HNO3	6010C
TOC	☐	2-40mL amber glass vial	H2SO4	9060A
M.E.E	☐	3-40 mL glass vial	HCL	RSK-175 mod
Sulfide	☐	1- 250mL glass (field filtered)	NaOH/Zn Acetate	SM 4500 S2
Sulfate	☐	2-40 mL glass vial (field filtered)	unpreserved	300.0
Microbial Population	☐	In-line filter	N/A	CENSUS

AECOM

GROUNDWATER SAMPLING LOG

Low Flow Sampling Record

bp

Site Name: IP-BP Sanborn

Well ID: B-3M

Well Diameter: 2"

Samplers: C. Horrocks

Weather: Cloudy 54°

Water Volume Calculation	
1 inch= 0.041	6 inch= 1.4
1.5 inch= 0.092	8 inch= 2.5
2 inch= 0.163	10 inch= 4
4 inch= 0.64	

gal = (Total Depth of Well - Depth to Water) × Casing volume per foot

Acceptance Criteria:	
Temp	± 3%
pH	± 0.1 unit
Sp. Cond.	± 3%
ORP	± 10mV
DO	± 10%
Turbidity	<50 NTU
Drawdown	<0.3 ft

Purging Data: feet below top of inner casing

Method: Peri / Bladder **Date:** 10/18/23 **Time:** (hhmm) 1123

Initial Depth to Water: 19.88 **Depth to Bottom:** 25.14

Time (hhmm)	DTW (ft)	Pump Rate (ml/min)	Volume (gal.)	Temp (C°)	Sp. Cond (ms/cm)	DO (mg/L)	pH	ORP (mV)	Turb (NTU)	Comments:
1130	19.79	200	0.50	12.06	2.61	0.55	7.10	106	12.4	
1135	19.79	200	0.25	12.15	2.14	6.48	6.44	61	16.4	
1140	19.79	200	0.50	12.12	1.86	6.22	6.87	33	5.1	
1145	19.79	200	0.75	11.99	1.81	3.13	7.10	29	3.4	
1150	19.79	200	1.00	11.92	1.79	0.19	7.14	26	3.9	
1155	19.79	200	1.25	11.94	1.77	0.08	7.17	23	4.8	
1200	19.79	200	1.50	11.98	1.77	0.08	7.17	22	4.6	
1205	19.79	200	1.75	12.03	1.78	0.08	7.18	21	4.9	
1210	19.79	200	2.00	12.06	1.78	0.08	7.18	22	4.8	

Sample Collection Method: Peri / Bladder **Date:** 12/18/23 **Time:** 1210 **Total Volume of Water Purged (gal):** 2.00

Hach Test Kits

Alkalinity (mg/L)	
Carbon Dioxide (mg/L)	
Ferrous Iron (mg/L)	
Hydrogen Sulfide (mg/L)	
DTW	

Comments:

~~Dup - 10/18/23~~

~~2023/10/13 at 0800~~

Dup - 2023 10/18

Sample Set

Parameter		Bottle	Pres.	Method
VOCs	☑	3-40 mL glass vial	HCL	8260C
Dissolved Fe & Mn	☐	1-500 mL poly(field filtered)	HNO3	6010C
TOC	☐	2-40mL amber glass vial	H2SO4	9060A
M.E.E	☐	3-40 mL glass vial	HCL	RSK-175 mod
Sulfide	☐	1- 250mL glass (field filtered)	NaOH/Zn Acetate	SM 4500 S2
Sulfate	☐	2-40 mL glass vial (field filtered)	unpreserved	300.0
Microbial Population	☐	In-line filter	N/A	CENSUS

AECOM

GROUNDWATER SAMPLING LOG

Low Flow Sampling Record

bp

Site Name:	Well ID:	Well Diameter:
IP-BP Sanborn	B-6M	

Samplers: S. Connelly, C. Hornbuckle

Weather: Rain 55°

Water Volume Calculation

1 inch= 0.041	6 inch= 1.4
1.5 inch= 0.092	8 inch= 2.5
2 inch= 0.163	10 inch= 4
4 inch= 0.64	

gal = (Total Depth of Well - Depth to Water) × Casing volume per foot

Acceptance Criteria:

Temp	± 3%
pH	± 0.1 unit
Sp. Cond.	± 3%
ORP	± 10mV
DO	± 10%
Turbidity	<50 NTU
Drawdown	<0.3 ft

Purging Data:

Method: Peri / Bladder | Date: 10/20/23 | Time: 1006 (hhmm)

feet below top of inner casing

Initial Depth to Water	Depth to Bottom
10.04	19.38

Time (hhmm)	DTW (ft)	Pump Rate (ml/min)	Volume (gal.)	Temp (C°)	Sp. Cond (ms/cm)	DO (mg/L)	pH	ORP (mV)	Turb (NTU)	Comments:
1005	10.89	275	0.00	12.44	1.76	0.76	6.86	165	62.1	
1010	12.03	275	0.36	12.39	1.78	0.00	6.64	114	46.5	
1015	12.65	275	0.72	12.33	1.78	0.00	6.59	70	51.6	
1020	13.06	275	1.08	12.22	1.75	0.00	6.57	27	24.4	
1025	13.18	275	1.44	12.21	1.72	0.00	6.57	15	22.6	
1030	13.29	275	1.80	12.20	1.68	0.00	6.56	6	21.3	
1035	13.29	275	2.16	12.25	1.68	0.00	6.55	1	17.5	
1040	13.29	275	2.52	12.23	1.68	0.00	6.56	-1	12.9	

Sample Collection Method: Peri / Bladder | **Date:** 10/20/23 | **Time:** 1040 | **Total Volume of Water Purged (gal):** 2.85

Hach Test Kits

Alkalinity (mg/L)	
Carbon Dioxide (mg/L)	
Ferrous Iron (mg/L)	
Hydrogen Sulfide (mg/L)	
DTW	

Comments:

Sample Set

Parameter		Bottle	Pres.	Method
VOCs	☑	3-40 mL glass vial	HCL	8260C
Dissolved Fe & Mn	☐	1-500 mL poly(field filtered)	HNO3	6010C
TOC	☐	2-40mL amber glass vial	H2SO4	9060A
M.E.E	☐	3-40 mL glass vial	HCL	RSK-175 mod
Sulfide	☐	1- 250mL glass (field filtered)	NaOH/Zn Acetate	SM 4500 S2
Sulfate	☐	2-40 mL glass vial (field filtered)	unpreserved	300.0
Microbial Population	☐	In-line filter	N/A	CENSUS

AECOM

GROUNDWATER SAMPLING LOG

Low Flow Sampling Record

bp

Site Name: IP-BP Sanborn

Well ID: B-9M

Well Diameter: 2"

Samplers: C. Horrocks

Weather: Rain 55°

Water Volume Calculation

1 inch= 0.041	6 inch= 1.4
1.5 inch= 0.092	8 inch= 2.5
2 inch= 0.163	10 inch= 4
4 inch= 0.64	

gal = (Total Depth of Well - Depth to Water) × Casing volume per foot

Acceptance Criteria:

Temp	± 3%
pH	± 0.1 unit
Sp. Cond.	± 3%
ORP	± 10mV
DO	± 10%
Turbidity	<50 NTU
Drawdown	<0.3 ft

Purging Data:

Method: Peri / Bladder

Date: 10/20/23 Time: (hhmm) 853

feet below top of inner casing

Initial Depth to Water: 13.29

Depth to Bottom: 21.38

Time (hhmm)	DTW (ft)	Pump Rate (ml/min)	Volume (gal.)	Temp (C°)	Sp. Cond (ms/cm)	DO (mg/L)	pH	ORP (mV)	Turb (NTU)	Comments:
0900	13.29	250	0.00	12.54	0.735	0.16	6.08	193	2.9	
0905	13.29	250	0.33	12.44	0.728	0.00	6.33	186	4.0	
910	13.29	250	0.66	12.46	0.702	0.00	6.39	184	4.2	
915	13.29	250	1.00	12.47	0.701	0.08	6.42	182	0.6	
920	13.29	250	1.33	12.48	0.714	0.00	6.44	181	0.0	
925	13.29	250	1.66	12.47	0.718	0.00	6.46	180	0.0	
930	13.29	250	2.00	12.49	7.21	0.00	6.48	180	0.0	

Sample Collection Method: Peri / Bladder

Date: 10/20/23 **Time:** 930

Total Volume of Water Purged (gal): 2.0

Hach Test Kits

Alkalinity (mg/L)	
Carbon Dioxide (mg/L)	
Ferrous Iron (mg/L)	
Hydrogen Sulfide (mg/L)	
DTW	

Comments:

Sample Set

Parameter		Bottle	Pres.	Method
VOCs	☑	3-40 mL glass vial	HCL	8260C
Dissolved Fe & Mn	☐	1-500 mL poly(field filtered)	HNO3	6010C
TOC	☐	2-40mL amber glass vial	H2SO4	9060A
M.E.E	☐	3-40 mL glass vial	HCL	RSK-175 mod
Sulfide	☐	1- 250mL glass (field filtered)	NaOH/Zn Acetate	SM 4500 S2
Sulfate	☐	2-40 mL glass vial (field filtered)	unpreserved	300.0
Microbial Population	☐	In-line filter	N/A	CENSUS

AECOM

GROUNDWATER SAMPLING LOG

Low Flow Sampling Record

bp

Site Name: IP-BP Sanborn

Well ID: B-12M

Well Diameter: 2"

Samplers: C Homyes

Weather: Cloudy 55°

Water Volume Calculation	
1 inch= 0.041	6 inch= 1.4
1.5 inch= 0.092	8 inch= 2.5
2 inch= 0.163	10 inch= 4
4 inch= 0.64	

gal = (Total Depth of Well - Depth to Water) × Casing volume per foot

Acceptance Criteria:	
Temp	± 3%
pH	± 0.1 unit
Sp. Cond.	± 3%
ORP	± 10mV
DO	± 10%
Turbidity	<50 NTU
Drawdown	<0.3 ft

Purging Data:

Method: Peri / Bladder

Date: 10/18/23 Time: (hhmm) 1230

feet below top of inner casing

Initial Depth to Water: 16.58

Depth to Bottom: 17.76

Time (hhmm)	DTW (ft)	Pump Rate (ml/min)	Volume (gal.)	Temp (C°)	Sp. Cond (ms/cm)	DO (mg/L)	pH	ORP (mV)	Turb (NTU)	Comments:
1300	16.62	300	0.00	13.64	0.937	0.72	6.75	129	354	
1305	16.62	200	0.25	13.59	0.902	0.52	6.48	128	186	
1310	16.62	200	0.50	13.53	0.884	0.22	6.46	123	95.8	
1315	16.62	200	0.75	13.46	0.874	0.06	6.49	118	55.6	
1320	16.62	200	1.00	13.43	0.857	0.00	6.50	114	36.6	
1325	16.62	200	1.25	13.45	0.873	0.00	6.50	112	27.4	
1330	16.62	200	1.50	13.37	0.850	0.00	6.50	110	74.3	
1335	16.62	200	1.75	13.38	0.856	0.00	6.49	109	17.6	
1340	16.62	200	2.00	13.44	0.854	0.00	6.47	108	11.1	
1345	16.62	200	2.25	13.39	0.850	0.00	6.45	107	7.1	

Sample Collection Method: Peri / Bladder

Date: 10/18/23

Time: 1345

Total Volume of Water Purged (gal): 2.25

Hach Test Kits

Alkalinity (mg/L)	
Carbon Dioxide (mg/L)	
Ferrous Iron (mg/L)	
Hydrogen Sulfide (mg/L)	
DTW	

Comments:

Sample Set

Parameter		Bottle	Pres.	Method
VOCs	☑	3-40 mL glass vial	HCL	8260C
Dissolved Fe & Mn	☐	1-500 mL poly(field filtered)	HNO3	6010C
TOC	☐	2-40mL amber glass vial	H2SO4	9060A
M.E.E	☐	3-40 mL glass vial	HCL	RSK-175 mod
Sulfide	☐	1- 250mL glass (field filtered)	NaOH/Zn Acetate	SM 4500 S2
Sulfate	☐	2-40 mL glass vial (field filtered)	unpreserved	300.0
Microbial Population	☐	In-line filter	N/A	CENSUS

AECOM

GROUNDWATER SAMPLING LOG

Low Flow Sampling Record

bp

Site Name: IP-BP Sanborn

Well ID: B-21M

Well Diameter: ~~2~~ 2"

Samplers: S. Connelly, C. Horrocks

Weather: Sunny 56°

Water Volume Calculation

1 inch= 0.041	6 inch= 1.4
1.5 inch= 0.092	8 inch= 2.5
2 inch= 0.163	10 inch= 4
4 inch= 0.64	

gal = (Total Depth of Well - Depth to Water) × Casing volume per foot

Acceptance Criteria:

Temp	± 3%
pH	± 0.1 unit
Sp. Cond.	± 3%
ORP	± 10mV
DO	± 10%
Turbidity	<50 NTU
Drawdown	<0.3 ft

Purging Data:

Method: Peri / Bladder

Date: 10/19/23 Time: (hhmm) 1107

feet below top of inner casing

Initial Depth to Water: 15.72

Depth to Bottom: 26.50

Time (hhmm)	DTW (ft)	Pump Rate (ml/min)	Volume (gal.)	Temp (C°)	Sp. Cond (ms/cm)	DO (mg/L)	pH	ORP (mV)	Turb (NTU)	Comments:
1110	15.86	250	0.00	13.22	0.804	5.68	7.25	136	205	
1115	15.91	250	0.35	13.65	0.780	4.89	6.83	143	43.4	
1120	15.94	250	0.70	13.87	0.777	4.69	6.65	149	31.1	
1125	15.94	250	1.05	14.06	0.774	4.38	6.59	148	24.1	
1130	15.94	250	1.40	14.34	0.770	4.16	6.56	148	23.6	
1135	15.94	250	1.75	14.43	0.765	4.15	6.55	148	22.7	
1140	15.94	250	2.00	14.64	0.763	4.15	6.55	148	22.1	

Sample Collection Method: Peri / Bladder

Date: 10/19/23

Time: 1140

Total Volume of Water Purged (gal): 2.00

Hach Test Kits

Alkalinity (mg/L)	
Carbon Dioxide (mg/L)	
Ferrous Iron (mg/L)	
Hydrogen Sulfide (mg/L)	
DTW	

Comments:

Sample Set

Parameter		Bottle	Pres.	Method
VOCs	☑	3-40 mL glass vial	HCL	8260C
Dissolved Fe & Mn	☐	1-500 mL poly(field filtered)	HNO3	6010C
TOC	☐	2-40mL amber glass vial	H2SO4	9060A
M.E.E	☐	3-40 mL glass vial	HCL	RSK-175 mod
Sulfide	☐	1- 250mL glass (field filtered)	NaOH/Zn Acetate	SM 4500 S2
Sulfate	☐	2-40 mL glass vial (field filtered)	unpreserved	300.0
Microbial Population	☐	In-line filter	N/A	CENSUS

AECOM

GROUNDWATER SAMPLING LOG

Low Flow Sampling Record

bp

Site Name:	Well ID:	Well Diameter:
IP-BP Sanborn	B-22M	

Samplers: C. Thomas, S. Connell

Weather: Sunny 59°

Water Volume Calculation

1 inch= 0.041	6 inch= 1.4
1.5 inch= 0.092	8 inch= 2.5
2 inch= 0.163	10 inch= 4
4 inch= 0.64	

gal = (Total Depth of Well - Depth to Water) × Casing volume per foot

Acceptance Criteria:

Temp	± 3%
pH	± 0.1 unit
Sp. Cond.	± 3%
ORP	± 10mV
DO	± 10%
Turbidity	<50 NTU
Drawdown	<0.3 ft

Purging Data:

Method: Peri / Bladder | Date: 10/19/23 | Time: (hhmm) 1148

feet below top of inner casing

Initial Depth to Water	Depth to Bottom
27.71	36.18

Time (hhmm)	DTW (ft)	Pump Rate (ml/min)	Volume (gal.)	Temp (C°)	Sp. Cond (ms/cm)	DO (mg/L)	pH	ORP (mV)	Turb (NTU)	Comments:
1205	28.37	400	0.00	15.14	1.49	6.57	6.32	132	4.0	
1210	29.31	400	0.50	13.29	1.47	7.81	6.55	85	670	
1215	30.04	400	1.00	13.02	1.49	7.41	6.71	58	408	
1220	30.39	400	1.50	13.00	1.47	3.98	6.79	40	281	
1225	30.61	400	2.00	13.14	1.44	0.66	6.66	32	216	
1230	30.71	400	2.50	13.22	1.39	0.26	6.67	25	133	
1235	30.82	400	3.00	13.16	1.37	0.46	6.60	29	96.4	
1240	31.07	400	3.50	13.09	1.34	0.51	6.63	29	~~346~~ 46.8	
1245	31.22	400	4.00	13.10	1.33	0.53	6.65	31	42.5	
1250	31.36	400	4.50	13.17	1.33	0.52	6.66	30	41.3	

Sample Collection Method: Peri / Bladder | **Date:** 10/19/23 | **Time:** ~~1250~~ 1250 | **Total Volume of Water Purged (gal):** 4.50

Hach Test Kits

Alkalinity (mg/L)	
Carbon Dioxide (mg/L)	
Ferrous Iron (mg/L)	
Hydrogen Sulfide (mg/L)	
DTW	

Comments:

Sample Set

Parameter		Bottle	Pres.	Method
VOCs	☑	3-40 mL glass vial	HCL	8260C
Dissolved Fe & Mn	☐	1-500 mL poly(field filtered)	HNO3	6010C
TOC	☐	2-40mL amber glass vial	H2SO4	9060A
M.E.E	☐	3-40 mL glass vial	HCL	RSK-175 mod
Sulfide	☐	1- 250mL glass (field filtered)	NaOH/Zn Acetate	SM 4500 S2
Sulfate	☐	2-40 mL glass vial (field filtered)	unpreserved	300.0
Microbial Population	☐	In-line filter	N/A	CENSUS

AECOM

GROUNDWATER SAMPLING LOG

Low Flow Sampling Record

bp

Site Name: IP-BP Sanborn

Well ID: B-23 M

Well Diameter: 2"

Samplers: S. Connelly, C. Holmes

Weather: Sunny 64°

Water Volume Calculation

1 inch= 0.041	6 inch= 1.4
1.5 inch= 0.092	8 inch= 2.5
2 inch= 0.163	10 inch= 4
4 inch= 0.64	

gal = (Total Depth of Well - Depth to Water) × Casing volume per foot

Acceptance Criteria:

Temp	± 3%
pH	± 0.1 unit
Sp. Cond.	± 3%
ORP	± 10mV
DO	± 10%
Turbidity	<50 NTU
Drawdown	<0.3 ft

Purging Data:

Method: Peri / Bladder

Date: 10/19/23 Time: (hhmm) 1410

feet below top of inner casing

Initial Depth to Water: 25.49

Depth to Bottom: 31.92

Time (hhmm)	DTW (ft)	Pump Rate (ml/min)	Volume (gal.)	Temp (C°)	Sp. Cond (ms/cm)	DO (mg/L)	pH	ORP (mV)	Turb (NTU)	Comments:
1415	25.38	250	0.00	15.66	0.974	0.00	6.89	109	98.9	
1420	26.32	250	0.33	14.36	0.986	0.00	6.65	91	37.3	
1425	26.54	250	0.66	15.24	0.960	0.00	6.62	76	24.1	
1430	26.62	250	1.00	14.37	0.991	0.00	6.59	58	6.8	
1435	26.49	250	1.33	14.40	0.988	0.00	6.58	54	0.6	
1440	26.49	250	1.66	14.38	0.986	0.00	6.58	51	2.1	

Sample Collection Method: Peri / Bladder

Date: 10/19/23 **Time:** 1440

Total Volume of Water Purged (gal): 2.00

Hach Test Kits

Alkalinity (mg/L)	
Carbon Dioxide (mg/L)	
Ferrous Iron (mg/L)	
Hydrogen Sulfide (mg/L)	
DTW	

Comments:

Sample Set

Parameter		Bottle	Pres.	Method
VOCs	☑	3-40 mL glass vial	HCL	8260C
Dissolved Fe & Mn	☐	1-500 mL poly(field filtered)	HNO3	6010C
TOC	☐	2-40mL amber glass vial	H2SO4	9060A
M.E.E	☐	3-40 mL glass vial	HCL	RSK-175 mod
Sulfide	☐	1- 250mL glass (field filtered)	NaOH/Zn Acetate	SM 4500 S2
Sulfate	☐	2-40 mL glass vial (field filtered)	unpreserved	300.0
Microbial Population	☐	In-line filter	N/A	CENSUS

AECOM

GROUNDWATER SAMPLING LOG

Low Flow Sampling Record

bp

Site Name:	Well ID:	Well Diameter:
IP-BP Sanborn	B-28M	2"

Samplers: C. Homacs, S. Connelly

Weather: Sunny 63°

Water Volume Calculation

1 inch= 0.041	6 inch= 1.4
1.5 inch= 0.092	8 inch= 2.5
2 inch= 0.163	10 inch= 4
4 inch= 0.64	

gal = (Total Depth of Well - Depth to Water) × Casing volume per foot

Acceptance Criteria:

Temp	± 3%
pH	± 0.1 unit
Sp. Cond.	± 3%
ORP	± 10mV
DO	± 10%
Turbidity	<50 NTU
Drawdown	<0.3 ft

Purging Data:

Method: Peri / Bladder | Date: 10/19/23 | Time: (hhmm) 1303

feet below top of inner casing

Initial Depth to Water	Depth to Bottom
~~F~~ 21.63	33.33

Time (hhmm)	DTW (ft)	Pump Rate (ml/min)	Volume (gal.)	Temp (C°)	Sp. Cond (ms/cm)	DO (mg/L)	pH	ORP (mV)	Turb (NTU)	Comments:
1305	22.23	400	0.00	13.56	0.616	1.43	6.71	84	945	
1310	22.76	400	0.50	13.01	0.615	1.08	6.65	82	622	
1315	24.08	400	1.00	12.82	0.618	1.04	6.74	70	252	
1320	24.78	400	1.50	12.79	0.631	1.12	6.64	74	154	
1325	25.89	400	2.00	12.76	0.640	1.10	6.73	69	~~4~~ 41.3	
1330	26.45	400	2.50	12.74	0.643	1.13	6.66	73	41.7	
1335	26.95	400	3.00	12.71	0.646	1.12	6.66	72	43.8	
~~B~~										

Sample Collection Method: Peri / Bladder | **Date:** 10/19/23 | **Time:** ~~F~~ 1335 | **Total Volume of Water Purged (gal):** 3.0

Hach Test Kits

Alkalinity (mg/L)	
Carbon Dioxide (mg/L)	
Ferrous Iron (mg/L)	
Hydrogen Sulfide (mg/L)	
DTW	

Comments:

Sample Set

Parameter		Bottle	Pres.	Method
VOCs	☑	3-40 mL glass vial	HCL	8260C
Dissolved Fe & Mn	☐	1-500 mL poly(field filtered)	HNO3	6010C
TOC	☐	2-40mL amber glass vial	H2SO4	9060A
M.E.E	☐	3-40 mL glass vial	HCL	RSK-175 mod
Sulfide	☐	1- 250mL glass (field filtered)	NaOH/Zn Acetate	SM 4500 S2
Sulfate	☐	2-40 mL glass vial (field filtered)	unpreserved	300.0
Microbial Population	☐	In-line filter	N/A	CENSUS

AECOM

GROUNDWATER SAMPLING LOG

Low Flow Sampling Record

bp

Site Name:	Well ID:	Well Diameter:
IP-BP Sanborn	B-50M	

Samplers: S. Connelly, C. Honours

Weather:

Water Volume Calculation

1 inch= 0.041	6 inch= 1.4
1.5 inch= 0.092	8 inch= 2.5
2 inch= 0.163	10 inch= 4
4 inch= 0.64	

gal = (Total Depth of Well - Depth to Water) × Casing volume per foot

Acceptance Criteria:

Temp	± 3%
pH	± 0.1 unit
Sp. Cond.	± 3%
ORP	± 10mV
DO	± 10%
Turbidity	<50 NTU
Drawdown	<0.3 ft

Purging Data: feet below top of inner casing

Method: Peri / Bladder | Date: 10/20/23 | Time: (hhmm) 1043 | Initial Depth to Water: 11.39 | Depth to Bottom: 36.00

Time (hhmm)	DTW (ft)	Pump Rate (ml/min)	Volume (gal.)	Temp (C°)	Sp. Cond (ms/cm)	DO (mg/L)	pH	ORP (mV)	Turb (NTU)	Comments:
~~1050~~	~~11.41~~	~~250~~	~~0.00~~	~~11.97~~	~~0.881~~	~~0.00~~	~~6.57~~	~~7~~	~~315~~	
1050	11.39	250	0.33	11.77	0.832	0.00	6.59	10	25.2	
1055	11.39	250	0.66	11.81	0.816	0.00	6.60	12	22.6	
1100	11.39	250	1.00	11.51	0.806	0.00	6.59	15	8.6	
1105	11.39	250	1.33	11.49	0.802	0.00	6.60	17	15.7	
1110	11.39	250	1.66	11.48	0.800	0.00	6.61	16	10.9	
1115	11.39	250	2.00	11.50	0.799	0.00	6.61	17	5.1	
1120	11.39	250	2.33	11.51	0.797	0.00	6.63	17	0.0	

Sample Collection Method: Peri / Bladder | **Date:** 10/20/23 | **Time:** 1120 | **Total Volume of Water Purged (gal):** 2.3

Hach Test Kits

Alkalinity (mg/L)	
Carbon Dioxide (mg/L)	
Ferrous Iron (mg/L)	
Hydrogen Sulfide (mg/L)	
DTW	

Comments:

Sample Set

Parameter		Bottle	Pres.	Method
VOCs	☑	3-40 mL glass vial	HCL	8260C
Dissolved Fe & Mn	☐	1-500 mL poly(field filtered)	HNO3	6010C
TOC	☐	2-40mL amber glass vial	H2SO4	9060A
M.E.E	☐	3-40 mL glass vial	HCL	RSK-175 mod
Sulfide	☐	1- 250mL glass (field filtered)	NaOH/Zn Acetate	SM 4500 S2
Sulfate	☐	2-40 mL glass vial (field filtered)	unpreserved	300.0
Microbial Population	☐	In-line filter	N/A	CENSUS

AECOM

GROUNDWATER SAMPLING LOG

Low Flow Sampling Record

bp

Site Name:	Well ID:	Well Diameter:
IP-BP Sanborn	B-38M	2"

Samplers: S. Connelly, C. Morris

Weather: Sunny 52°

Water Volume Calculation

1 inch= 0.041	6 inch= 1.4
1.5 inch= 0.092	8 inch= 2.5
2 inch= 0.163	10 inch= 4
4 inch= 0.64	

gal = (Total Depth of Well - Depth to Water) × Casing volume per foot

Acceptance Criteria:

Temp	± 3%
pH	± 0.1 unit
Sp. Cond.	± 3%
ORP	± 10mV
DO	± 10%
Turbidity	<50 NTU
Drawdown	<0.3 ft

Purging Data:

Method: Peri / Bladder | Date: 10/19/23 | Time: (hhmm) 0950

feet below top of inner casing

Initial Depth to Water	Depth to Bottom
28.23	41.35

Time (hhmm)	DTW (ft)	Pump Rate (ml/min)	Volume (gal.)	Temp (C°)	Sp. Cond (ms/cm)	DO (mg/L)	pH	ORP (mV)	Turb (NTU)	Comments:
1000	28.91	400	0.00	11.94	2.58	12.46	6.08	164	120	
1005	28.92	400	0.50	11.05	2.58	11.98	6.40	154	22.8	
1010	28.92	400	1.00	11.01	2.36	12.42	6.53	155	9.0	
1015	28.92	400	1.50	10.99	2.03	11.58	6.62	153	1.8	
1020	28.92	400	2.00	10.97	1.73	10.41	6.70	153	0.0	
1025	28.92	400	2.50	10.94	1.55	10.52	6.73	151	0.0	
1030	28.92	400	3.00	10.95	1.44	10.62	6.74	151	0.0	
1035	28.92	400	3.50	10.98	1.39	10.51	6.74	150	0.0	
1040	28.92	400	4.00	10.99	1.42	10.39	6.74	149	0.0	

Sample Collection Method: Peri / Bladder | **Date:** 10/19/23 | **Time:** 1040 | **Total Volume of Water Purged (gal):** 4.00

Hach Test Kits

Alkalinity (mg/L)	
Carbon Dioxide (mg/L)	
Ferrous Iron (mg/L)	
Hydrogen Sulfide (mg/L)	
DTW	

Comments: MS/MSD

Sample Set

Parameter		Bottle	Pres.	Method
VOCs	☑	3-40 mL glass vial	HCL	8260C
Dissolved Fe & Mn	☐	1-500 mL poly(field filtered)	HNO3	6010C
TOC	☐	2-40mL amber glass vial	H2SO4	9060A
M.E.E	☐	3-40 mL glass vial	HCL	RSK-175 mod
Sulfide	☐	1- 250mL glass (field filtered)	NaOH/Zn Acetate	SM 4500 S2
Sulfate	☐	2-40 mL glass vial (field filtered)	unpreserved	300.0
Microbial Population	☐	In-line filter	N/A	CENSUS

AECOM

GROUNDWATER SAMPLING LOG

Low Flow Sampling Record

bp

Site Name:	Well ID:	Well Diameter:
IP-BP Sanborn	Quarry	—

Samplers: C. Hanous, S. Connelly

Weather: Sunny 50°

Water Volume Calculation

1 inch= 0.041	6 inch= 1.4
1.5 inch= 0.092	8 inch= 2.5
2 inch= 0.163	10 inch= 4
4 inch= 0.64	

gal = (Total Depth of Well - Depth to Water) × Casing volume per foot

Acceptance Criteria:

Temp	± 3%
pH	± 0.1 unit
Sp. Cond.	± 3%
ORP	± 10mV
DO	± 10%
Turbidity	<50 NTU
Drawdown	<0.3 ft

Purging Data:

Method: Peri / Bladder | Date: 10/19/23 | Time: (hhmm) 0930

feet below top of inner casing

Initial Depth to Water	Depth to Bottom
—	—

Time (hhmm)	DTW (ft)	Pump Rate (ml/min)	Volume (gal.)	Temp (C°)	Sp. Cond (ms/cm)	DO (mg/L)	pH	ORP (mV)	Turb (NTU)	Comments:
0930	—	—	—	10.86	1.72	5.94	5.59	178	69.8	

Sample Collection Method: Peri / Bladder | **Date:** 10/19/23 | **Time:** 0930 | **Total Volume of Water Purged (gal):** —

Hach Test Kits

Alkalinity (mg/L)	
Carbon Dioxide (mg/L)	
Ferrous Iron (mg/L)	
Hydrogen Sulfide (mg/L)	
DTW	

Comments:

Sample Set

Parameter		Bottle	Pres.	Method
VOCs	☑	3-40 mL glass vial	HCL	8260C
Dissolved Fe & Mn	☐	1-500 mL poly(field filtered)	HNO3	6010C
TOC	☐	2-40mL amber glass vial	H2SO4	9060A
M.E.E	☐	3-40 mL glass vial	HCL	RSK-175 mod
Sulfide	☐	1- 250mL glass (field filtered)	NaOH/Zn Acetate	SM 4500 S2
Sulfate	☐	2-40 mL glass vial (field filtered)	unpreserved	300.0
Microbial Population	☐	In-line filter	N/A	CENSUS

Appendix H

Analytical Laboratory Data Reports (October 2023)

eurofins | Environment Testing

ANALYTICAL REPORT

PREPARED FOR

Attn: Ms. Ann Marie Kropovitch
AECOM
50 Lakefront Bouelvard
Suite 111
Buffalo, New York 14202

Generated 11/6/2023 12:41:49 PM

JOB DESCRIPTION

BP Sanborn - Fall Event

JOB NUMBER

240-194049-1

Eurofins Cleveland
180 S. Van Buren Avenue
Barberton OH 44203

See page two for job notes and contact information.

Job Notes

This report may not be reproduced except in full, and with written approval from the laboratory. The results relate only to the samples tested. For questions please contact the Project Manager at the e-mail address or telephone number listed on this page.

The test results in this report relate only to the samples as received by the laboratory and will meet all requirements of the methodology, with any exceptions noted. This report shall not be reproduced except in full, without the express written approval of the laboratory. All questions should be directed to the Eurofins Environment Testing North Central, LLC Project Manager.

Authorization

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11/6/2023 12:41:49 PM

Authorized for release by
Opal Johnson, Project Manager II
Opal.Johnson@et.eurofinsus.com
(330)966-9279

Table of Contents

Definitions/Glossary

Client: AECOM
Job ID: 240-194049-1
Project/Site: BP Sanborn - Fall Event

Qualifiers

GC/MS VOA

Qualifier	Qualifier Description
F1	MS and/or MSD recovery exceeds control limits.
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
¤	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CFU	Colony Forming Unit
CNF	Contains No Free Liquid
DER	Duplicate Error Ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL	Detection Limit (DoD/DOE)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision Level Concentration (Radiochemistry)
EDL	Estimated Detection Limit (Dioxin)
LOD	Limit of Detection (DoD/DOE)
LOQ	Limit of Quantitation (DoD/DOE)
MCL	EPA recommended "Maximum Contaminant Level"
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
MPN	Most Probable Number
MQL	Method Quantitation Limit
NC	Not Calculated
ND	Not Detected at the reporting limit (or MDL or EDL if shown)
NEG	Negative / Absent
POS	Positive / Present
PQL	Practical Quantitation Limit
PRES	Presumptive
QC	Quality Control
RER	Relative Error Ratio (Radiochemistry)
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)
TNTC	Too Numerous To Count

Job ID: 240-194049-1

Laboratory: Eurofins Cleveland

Narrative

Job Narrative
240-194049-1

Analytical test results meet all requirements of the associated regulatory program listed on the Accreditation/Certification Summary Page unless otherwise noted under the individual analysis. Data qualifiers are applied to indicate exceptions. Noncompliant quality control (QC) is further explained in narrative comments.

Matrix QC may not be reported if insufficient sample or site-specific QC samples were not submitted. In these situations, to demonstrate precision and accuracy at a batch level, a LCS/LCSD may be performed, unless otherwise specified in the method.
Surrogate and/or isotope dilution analyte recoveries (if applicable) which are outside of the QC window are confirmed unless attributed to a dilution or otherwise noted in the narrative.

Regulated compliance samples (e.g. SDWA, NPDES) must comply with the associated agency requirements/permits.

Receipt
The samples were received on 10/21/2023 9:50 AM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice. The temperature of the cooler at receipt time was 4.2°C

GC/MS VOA
No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

Method Summary

Client: AECOM
Job ID: 240-194049-1
Project/Site: BP Sanborn - Fall Event

Method	Method Description	Protocol	Laboratory
8260D	Volatile Organic Compounds by GC/MS	SW846	EET CLE
5030C	Purge and Trap	SW846	EET CLE

Protocol References:

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

Laboratory References:

EET CLE = Eurofins Cleveland, 180 S. Van Buren Avenue, Barberton, OH 44203, TEL (330)497-9396

Sample Summary

Client: AECOM
Job ID: 240-194049-1
Project/Site: BP Sanborn - Fall Event

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
240-194049-1	T-002	Water	10/18/23 08:50	10/21/23 09:50
240-194049-2	PW-3	Water	10/18/23 09:15	10/21/23 09:50
240-194049-3	P-2	Water	10/18/23 09:35	10/21/23 09:50
240-194049-4	PW-4	Water	10/18/23 09:50	10/21/23 09:50
240-194049-5	PW-1	Water	10/18/23 10:10	10/21/23 09:50
240-194049-6	P-3	Water	10/18/23 10:35	10/21/23 09:50
240-194049-7	P-4	Water	10/18/23 10:50	10/21/23 09:50
240-194049-8	B-3M	Water	10/18/23 12:10	10/21/23 09:50
240-194049-9	B-12M	Water	10/18/23 13:45	10/21/23 09:50
240-194049-10	DUP-20231018	Water	10/18/23 00:00	10/21/23 09:50
240-194049-11	QUARRY	Water	10/19/23 09:30	10/21/23 09:50
240-194049-12	B-38	Water	10/19/23 10:40	10/21/23 09:50
240-194049-13	B-21M	Water	10/19/23 11:40	10/21/23 09:50
240-194049-14	B-22M	Water	10/19/23 12:50	10/21/23 09:50
240-194049-15	B-28M	Water	10/19/23 13:35	10/21/23 09:50
240-194049-16	B-23M	Water	10/19/23 14:40	10/21/23 09:50
240-194049-17	B-9M	Water	10/20/23 09:30	10/21/23 09:50
240-194049-18	B-6M	Water	10/20/23 10:40	10/21/23 09:50
240-194049-19	B-50M	Water	10/20/23 11:20	10/21/23 09:50
240-194049-20	TRIP BLANK	Water	10/20/23 00:00	10/21/23 09:50

Detection Summary

Client: AECOM
Job ID: 240-194049-1
Project/Site: BP Sanborn - Fall Event

Client Sample ID: T-002 — Lab Sample ID: 240-194049-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,1-Dichloroethane	13		10	4.7	ug/L	10		8260D	Total/NA
cis-1,2-Dichloroethene	710		10	4.6	ug/L	10		8260D	Total/NA
Tetrachloroethene	5.4	J	10	4.4	ug/L	10		8260D	Total/NA
Trichloroethene	740		10	4.4	ug/L	10		8260D	Total/NA
Vinyl chloride	51		10	4.5	ug/L	10		8260D	Total/NA

Client Sample ID: PW-3 — Lab Sample ID: 240-194049-2

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
cis-1,2-Dichloroethene	2000		40	18	ug/L	40		8260D	Total/NA
Trichloroethene	1400		40	18	ug/L	40		8260D	Total/NA
Vinyl chloride	130		40	18	ug/L	40		8260D	Total/NA

Client Sample ID: P-2 — Lab Sample ID: 240-194049-3

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,1,1-Trichloroethane	950		20	9.6	ug/L	20		8260D	Total/NA
1,1-Dichloroethane	110		20	9.4	ug/L	20		8260D	Total/NA
1,1-Dichloroethene	35		20	9.8	ug/L	20		8260D	Total/NA
cis-1,2-Dichloroethene	1500		20	9.2	ug/L	20		8260D	Total/NA
trans-1,2-Dichloroethene	12	J	20	10	ug/L	20		8260D	Total/NA
Trichloroethene	6300		100	44	ug/L	100		8260D	Total/NA
Vinyl chloride	43		20	9.0	ug/L	20		8260D	Total/NA

Client Sample ID: PW-4 — Lab Sample ID: 240-194049-4

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,1,1-Trichloroethane	3.2		1.0	0.48	ug/L	1		8260D	Total/NA
1,1-Dichloroethane	1.6		1.0	0.47	ug/L	1		8260D	Total/NA
cis-1,2-Dichloroethene	37		1.0	0.46	ug/L	1		8260D	Total/NA
Tetrachloroethene	0.83	J	1.0	0.44	ug/L	1		8260D	Total/NA
Trichloroethene	350		10	4.4	ug/L	10		8260D	Total/NA

Client Sample ID: PW-1 — Lab Sample ID: 240-194049-5

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
cis-1,2-Dichloroethene	2500		100	46	ug/L	100		8260D	Total/NA
Trichloroethene	12000		200	88	ug/L	200		8260D	Total/NA

Client Sample ID: P-3 — Lab Sample ID: 240-194049-6

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
cis-1,2-Dichloroethene	22		1.0	0.46	ug/L	1		8260D	Total/NA
trans-1,2-Dichloroethene	2.4		1.0	0.51	ug/L	1		8260D	Total/NA
Trichloroethene	2.5		1.0	0.44	ug/L	1		8260D	Total/NA
Vinyl chloride	2.1		1.0	0.45	ug/L	1		8260D	Total/NA

Client Sample ID: P-4 — Lab Sample ID: 240-194049-7

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,1-Dichloroethane	26	J	50	24	ug/L	50		8260D	Total/NA
cis-1,2-Dichloroethene	910		50	23	ug/L	50		8260D	Total/NA
Trichloroethene	2300		50	22	ug/L	50		8260D	Total/NA

This Detection Summary does not include radiochemical test results.

Eurofins Cleveland

Detection Summary

Client: AECOM
Job ID: 240-194049-1
Project/Site: BP Sanborn - Fall Event

Client Sample ID: B-3M — Lab Sample ID: 240-194049-8

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
cis-1,2-Dichloroethene	600		50	23	ug/L	50		8260D	Total/NA
Trichloroethene	960		50	22	ug/L	50		8260D	Total/NA

Client Sample ID: B-12M — Lab Sample ID: 240-194049-9

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
cis-1,2-Dichloroethene	110		10	4.6	ug/L	10		8260D	Total/NA
Trichloroethene	630		10	4.4	ug/L	10		8260D	Total/NA

Client Sample ID: DUP-20231018 — Lab Sample ID: 240-194049-10

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
cis-1,2-Dichloroethene	580		40	18	ug/L	40		8260D	Total/NA
Trichloroethene	930		40	18	ug/L	40		8260D	Total/NA

Client Sample ID: QUARRY — Lab Sample ID: 240-194049-11

No Detections.

Client Sample ID: B-38 — Lab Sample ID: 240-194049-12

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,1-Dichloroethane	0.61	J	1.0	0.47	ug/L	1		8260D	Total/NA
1,1-Dichloroethene	0.69	J	1.0	0.49	ug/L	1		8260D	Total/NA
cis-1,2-Dichloroethene	30		1.0	0.46	ug/L	1		8260D	Total/NA
Trichloroethene	17		1.0	0.44	ug/L	1		8260D	Total/NA
Vinyl chloride	2.4		1.0	0.45	ug/L	1		8260D	Total/NA

Client Sample ID: B-21M — Lab Sample ID: 240-194049-13

No Detections.

Client Sample ID: B-22M — Lab Sample ID: 240-194049-14

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,1-Dichloroethane	0.96	J	2.0	0.94	ug/L	2		8260D	Total/NA
cis-1,2-Dichloroethene	57		2.0	0.92	ug/L	2		8260D	Total/NA
trans-1,2-Dichloroethene	1.4	J	2.0	1.0	ug/L	2		8260D	Total/NA
Trichloroethene	49		2.0	0.88	ug/L	2		8260D	Total/NA
Vinyl chloride	2.8		2.0	0.90	ug/L	2		8260D	Total/NA

Client Sample ID: B-28M — Lab Sample ID: 240-194049-15

No Detections.

Client Sample ID: B-23M — Lab Sample ID: 240-194049-16

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
cis-1,2-Dichloroethene	120		5.0	2.3	ug/L	5		8260D	Total/NA
Trichloroethene	7.5		5.0	2.2	ug/L	5		8260D	Total/NA
Vinyl chloride	54		5.0	2.3	ug/L	5		8260D	Total/NA

Client Sample ID: B-9M — Lab Sample ID: 240-194049-17

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Tetrachloroethene	0.96	J	1.0	0.44	ug/L	1		8260D	Total/NA

This Detection Summary does not include radiochemical test results.

Eurofins Cleveland

Client Sample ID: B-9M (Continued) — Lab Sample ID: 240-194049-17

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Trichloroethene	1.2		1.0	0.44	ug/L	1		8260D	Total/NA

Client Sample ID: B-6M — Lab Sample ID: 240-194049-18

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
cis-1,2-Dichloroethene	2.5		1.0	0.46	ug/L	1		8260D	Total/NA
Trichloroethene	24		1.0	0.44	ug/L	1		8260D	Total/NA

Client Sample ID: B-50M — Lab Sample ID: 240-194049-19

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
cis-1,2-Dichloroethene	29		5.0	2.3	ug/L	5		8260D	Total/NA
Trichloroethene	150		5.0	2.2	ug/L	5		8260D	Total/NA

Client Sample ID: TRIP BLANK — Lab Sample ID: 240-194049-20

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Methylene Chloride	6.5		5.0	2.6	ug/L	1		8260D	Total/NA

This Detection Summary does not include radiochemical test results.

Client: AECOM
Project/Site: BP Sanborn - Fall Event

Job ID: 240-194049-1

Client Sample ID: T-002
Date Collected: 10/18/23 08:50
Date Received: 10/21/23 09:50

Lab Sample ID: 240-194049-1
Matrix: Water

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		10	4.8	ug/L			10/31/23 13:29	10
1,1-Dichloroethane	**13**		10	4.7	ug/L			10/31/23 13:29	10
1,1-Dichloroethene	ND		10	4.9	ug/L			10/31/23 13:29	10
Carbon tetrachloride	ND		10	2.6	ug/L			10/31/23 13:29	10
Chloroform	ND		10	4.7	ug/L			10/31/23 13:29	10
cis-1,2-Dichloroethene	**710**		10	4.6	ug/L			10/31/23 13:29	10
Methylene Chloride	ND		50	26	ug/L			10/31/23 13:29	10
Tetrachloroethene	**5.4**	**J**	10	4.4	ug/L			10/31/23 13:29	10
trans-1,2-Dichloroethene	ND		10	5.1	ug/L			10/31/23 13:29	10
Trichloroethene	**740**		10	4.4	ug/L			10/31/23 13:29	10
Vinyl chloride	**51**		10	4.5	ug/L			10/31/23 13:29	10

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Toluene-d8 (Surr)	*107*		*78 - 122*		*10/31/23 13:29*	*10*
Dibromofluoromethane (Surr)	*96*		*73 - 120*		*10/31/23 13:29*	*10*
4-Bromofluorobenzene (Surr)	*100*		*56 - 136*		*10/31/23 13:29*	*10*
1,2-Dichloroethane-d4 (Surr)	*95*		*62 - 137*		*10/31/23 13:29*	*10*

Client: AECOM
Job ID: 240-194049-1
Project/Site: BP Sanborn - Fall Event

Client Sample ID: PW-3
Date Collected: 10/18/23 09:15
Date Received: 10/21/23 09:50

Lab Sample ID: 240-194049-2
Matrix: Water

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		40	19	ug/L			10/31/23 13:54	40
1,1-Dichloroethane	ND		40	19	ug/L			10/31/23 13:54	40
1,1-Dichloroethene	ND		40	20	ug/L			10/31/23 13:54	40
Carbon tetrachloride	ND		40	10	ug/L			10/31/23 13:54	40
Chloroform	ND		40	19	ug/L			10/31/23 13:54	40
cis-1,2-Dichloroethene	**2000**		40	18	ug/L			10/31/23 13:54	40
Methylene Chloride	ND		200	100	ug/L			10/31/23 13:54	40
Tetrachloroethene	ND		40	18	ug/L			10/31/23 13:54	40
trans-1,2-Dichloroethene	ND		40	20	ug/L			10/31/23 13:54	40
Trichloroethene	**1400**		40	18	ug/L			10/31/23 13:54	40
Vinyl chloride	**130**		40	18	ug/L			10/31/23 13:54	40

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Toluene-d8 (Surr)	*103*		*78 - 122*		*10/31/23 13:54*	*40*
Dibromofluoromethane (Surr)	*95*		*73 - 120*		*10/31/23 13:54*	*40*
4-Bromofluorobenzene (Surr)	*96*		*56 - 136*		*10/31/23 13:54*	*40*
1,2-Dichloroethane-d4 (Surr)	*92*		*62 - 137*		*10/31/23 13:54*	*40*

Client Sample ID: P-2

Date Collected: 10/18/23 09:35
Date Received: 10/21/23 09:50

Lab Sample ID: 240-194049-3

Matrix: Water

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	**950**		20	9.6	ug/L			10/30/23 19:37	20
1,1-Dichloroethane	**110**		20	9.4	ug/L			10/30/23 19:37	20
1,1-Dichloroethene	**35**		20	9.8	ug/L			10/30/23 19:37	20
Carbon tetrachloride	ND		20	5.2	ug/L			10/30/23 19:37	20
Chloroform	ND		20	9.4	ug/L			10/30/23 19:37	20
cis-1,2-Dichloroethene	**1500**		20	9.2	ug/L			10/30/23 19:37	20
Methylene Chloride	ND		100	52	ug/L			10/30/23 19:37	20
Tetrachloroethene	ND		20	8.8	ug/L			10/30/23 19:37	20
trans-1,2-Dichloroethene	**12**	**J**	20	10	ug/L			10/30/23 19:37	20
Trichloroethene	**6300**		100	44	ug/L			10/31/23 14:19	100
Vinyl chloride	**43**		20	9.0	ug/L			10/30/23 19:37	20

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Toluene-d8 (Surr)	*101*		*78 - 122*		*10/30/23 19:37*	*20*
Toluene-d8 (Surr)	*101*		*78 - 122*		*10/31/23 14:19*	*100*
Dibromofluoromethane (Surr)	*96*		*73 - 120*		*10/30/23 19:37*	*20*
Dibromofluoromethane (Surr)	*93*		*73 - 120*		*10/31/23 14:19*	*100*
4-Bromofluorobenzene (Surr)	*99*		*56 - 136*		*10/30/23 19:37*	*20*
4-Bromofluorobenzene (Surr)	*90*		*56 - 136*		*10/31/23 14:19*	*100*
1,2-Dichloroethane-d4 (Surr)	*93*		*62 - 137*		*10/30/23 19:37*	*20*
1,2-Dichloroethane-d4 (Surr)	*92*		*62 - 137*		*10/31/23 14:19*	*100*

Client: AECOM
Project/Site: BP Sanborn - Fall Event

Job ID: 240-194049-1

Client Sample ID: PW-4

Date Collected: 10/18/23 09:50
Date Received: 10/21/23 09:50

Lab Sample ID: 240-194049-4

Matrix: Water

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	**3.2**		1.0	0.48	ug/L			10/30/23 20:02	1
1,1-Dichloroethane	**1.6**		1.0	0.47	ug/L			10/30/23 20:02	1
1,1-Dichloroethene	ND		1.0	0.49	ug/L			10/30/23 20:02	1
Carbon tetrachloride	ND		1.0	0.26	ug/L			10/30/23 20:02	1
Chloroform	ND		1.0	0.47	ug/L			10/30/23 20:02	1
cis-1,2-Dichloroethene	**37**		1.0	0.46	ug/L			10/30/23 20:02	1
Methylene Chloride	ND		5.0	2.6	ug/L			10/30/23 20:02	1
Tetrachloroethene	**0.83**	**J**	1.0	0.44	ug/L			10/30/23 20:02	1
trans-1,2-Dichloroethene	ND		1.0	0.51	ug/L			10/30/23 20:02	1
Trichloroethene	**350**		10	4.4	ug/L			10/31/23 14:45	10
Vinyl chloride	ND		1.0	0.45	ug/L			10/30/23 20:02	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Toluene-d8 (Surr)	*102*		*78 - 122*		*10/30/23 20:02*	*1*
Toluene-d8 (Surr)	*104*		*78 - 122*		*10/31/23 14:45*	*10*
Dibromofluoromethane (Surr)	*93*		*73 - 120*		*10/30/23 20:02*	*1*
Dibromofluoromethane (Surr)	*95*		*73 - 120*		*10/31/23 14:45*	*10*
4-Bromofluorobenzene (Surr)	*92*		*56 - 136*		*10/30/23 20:02*	*1*
4-Bromofluorobenzene (Surr)	*100*		*56 - 136*		*10/31/23 14:45*	*10*
1,2-Dichloroethane-d4 (Surr)	*91*		*62 - 137*		*10/30/23 20:02*	*1*
1,2-Dichloroethane-d4 (Surr)	*95*		*62 - 137*		*10/31/23 14:45*	*10*

Client: AECOM
Project/Site: BP Sanborn - Fall Event

Job ID: 240-194049-1

Client Sample ID: PW-1
Date Collected: 10/18/23 10:10
Date Received: 10/21/23 09:50

Lab Sample ID: 240-194049-5
Matrix: Water

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		100	48	ug/L			10/30/23 20:27	100
1,1-Dichloroethane	ND		100	47	ug/L			10/30/23 20:27	100
1,1-Dichloroethene	ND		100	49	ug/L			10/30/23 20:27	100
Carbon tetrachloride	ND		100	26	ug/L			10/30/23 20:27	100
Chloroform	ND		100	47	ug/L			10/30/23 20:27	100
cis-1,2-Dichloroethene	**2500**		100	46	ug/L			10/30/23 20:27	100
Methylene Chloride	ND		500	260	ug/L			10/30/23 20:27	100
Tetrachloroethene	ND		100	44	ug/L			10/30/23 20:27	100
trans-1,2-Dichloroethene	ND		100	51	ug/L			10/30/23 20:27	100
Trichloroethene	**12000**		200	88	ug/L			10/31/23 15:11	200
Vinyl chloride	ND		100	45	ug/L			10/30/23 20:27	100

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Toluene-d8 (Surr)	*103*		*78 - 122*		*10/30/23 20:27*	*100*
Toluene-d8 (Surr)	*100*		*78 - 122*		*10/31/23 15:11*	*200*
Dibromofluoromethane (Surr)	*96*		*73 - 120*		*10/30/23 20:27*	*100*
Dibromofluoromethane (Surr)	*93*		*73 - 120*		*10/31/23 15:11*	*200*
4-Bromofluorobenzene (Surr)	*94*		*56 - 136*		*10/30/23 20:27*	*100*
4-Bromofluorobenzene (Surr)	*94*		*56 - 136*		*10/31/23 15:11*	*200*
1,2-Dichloroethane-d4 (Surr)	*94*		*62 - 137*		*10/30/23 20:27*	*100*
1,2-Dichloroethane-d4 (Surr)	*91*		*62 - 137*		*10/31/23 15:11*	*200*

Client: AECOM
Project/Site: BP Sanborn - Fall Event

Job ID: 240-194049-1

Client Sample ID: P-3
Date Collected: 10/18/23 10:35
Date Received: 10/21/23 09:50

Lab Sample ID: 240-194049-6
Matrix: Water

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0	0.48	ug/L			10/30/23 20:53	1
1,1-Dichloroethane	ND		1.0	0.47	ug/L			10/30/23 20:53	1
1,1-Dichloroethene	ND		1.0	0.49	ug/L			10/30/23 20:53	1
Carbon tetrachloride	ND		1.0	0.26	ug/L			10/30/23 20:53	1
Chloroform	ND		1.0	0.47	ug/L			10/30/23 20:53	1
cis-1,2-Dichloroethene	**22**		1.0	0.46	ug/L			10/30/23 20:53	1
Methylene Chloride	ND		5.0	2.6	ug/L			10/30/23 20:53	1
Tetrachloroethene	ND		1.0	0.44	ug/L			10/30/23 20:53	1
trans-1,2-Dichloroethene	**2.4**		1.0	0.51	ug/L			10/30/23 20:53	1
Trichloroethene	**2.5**		1.0	0.44	ug/L			10/30/23 20:53	1
Vinyl chloride	**2.1**		1.0	0.45	ug/L			10/30/23 20:53	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Toluene-d8 (Surr)	*102*		*78 - 122*		*10/30/23 20:53*	*1*
Dibromofluoromethane (Surr)	*96*		*73 - 120*		*10/30/23 20:53*	*1*
4-Bromofluorobenzene (Surr)	*94*		*56 - 136*		*10/30/23 20:53*	*1*
1,2-Dichloroethane-d4 (Surr)	*95*		*62 - 137*		*10/30/23 20:53*	*1*

Client Sample ID: P-4
Lab Sample ID: 240-194049-7

Date Collected: 10/18/23 10:50
Matrix: Water

Date Received: 10/21/23 09:50

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		50	24	ug/L			10/30/23 21:18	50
1,1-Dichloroethane	**26**	**J**	50	24	ug/L			10/30/23 21:18	50
1,1-Dichloroethene	ND		50	25	ug/L			10/30/23 21:18	50
Carbon tetrachloride	ND		50	13	ug/L			10/30/23 21:18	50
Chloroform	ND		50	24	ug/L			10/30/23 21:18	50
cis-1,2-Dichloroethene	**910**		50	23	ug/L			10/30/23 21:18	50
Methylene Chloride	ND		250	130	ug/L			10/30/23 21:18	50
Tetrachloroethene	ND		50	22	ug/L			10/30/23 21:18	50
trans-1,2-Dichloroethene	ND		50	26	ug/L			10/30/23 21:18	50
Trichloroethene	**2300**		50	22	ug/L			10/30/23 21:18	50
Vinyl chloride	ND		50	23	ug/L			10/30/23 21:18	50

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Toluene-d8 (Surr)	*102*		*78 - 122*		*10/30/23 21:18*	*50*
Dibromofluoromethane (Surr)	*95*		*73 - 120*		*10/30/23 21:18*	*50*
4-Bromofluorobenzene (Surr)	*98*		*56 - 136*		*10/30/23 21:18*	*50*
1,2-Dichloroethane-d4 (Surr)	*95*		*62 - 137*		*10/30/23 21:18*	*50*

Client: AECOM
Project/Site: BP Sanborn - Fall Event

Job ID: 240-194049-1

Client Sample ID: B-3M
Date Collected: 10/18/23 12:10
Date Received: 10/21/23 09:50

Lab Sample ID: 240-194049-8
Matrix: Water

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		50	24	ug/L			10/30/23 21:44	50
1,1-Dichloroethane	ND		50	24	ug/L			10/30/23 21:44	50
1,1-Dichloroethene	ND		50	25	ug/L			10/30/23 21:44	50
Carbon tetrachloride	ND		50	13	ug/L			10/30/23 21:44	50
Chloroform	ND		50	24	ug/L			10/30/23 21:44	50
cis-1,2-Dichloroethene	**600**		50	23	ug/L			10/30/23 21:44	50
Methylene Chloride	ND		250	130	ug/L			10/30/23 21:44	50
Tetrachloroethene	ND		50	22	ug/L			10/30/23 21:44	50
trans-1,2-Dichloroethene	ND		50	26	ug/L			10/30/23 21:44	50
Trichloroethene	**960**		50	22	ug/L			10/30/23 21:44	50
Vinyl chloride	ND		50	23	ug/L			10/30/23 21:44	50

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Toluene-d8 (Surr)	*102*		*78 - 122*		*10/30/23 21:44*	*50*
Dibromofluoromethane (Surr)	*96*		*73 - 120*		*10/30/23 21:44*	*50*
4-Bromofluorobenzene (Surr)	*97*		*56 - 136*		*10/30/23 21:44*	*50*
1,2-Dichloroethane-d4 (Surr)	*95*		*62 - 137*		*10/30/23 21:44*	*50*

Client: AECOM
Job ID: 240-194049-1
Project/Site: BP Sanborn - Fall Event

Client Sample ID: B-12M
Lab Sample ID: 240-194049-9
Date Collected: 10/18/23 13:45
Matrix: Water
Date Received: 10/21/23 09:50

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		10	4.8	ug/L			10/31/23 15:36	10
1,1-Dichloroethane	ND		10	4.7	ug/L			10/31/23 15:36	10
1,1-Dichloroethene	ND		10	4.9	ug/L			10/31/23 15:36	10
Carbon tetrachloride	ND		10	2.6	ug/L			10/31/23 15:36	10
Chloroform	ND		10	4.7	ug/L			10/31/23 15:36	10
cis-1,2-Dichloroethene	**110**		10	4.6	ug/L			10/31/23 15:36	10
Methylene Chloride	ND		50	26	ug/L			10/31/23 15:36	10
Tetrachloroethene	ND		10	4.4	ug/L			10/31/23 15:36	10
trans-1,2-Dichloroethene	ND		10	5.1	ug/L			10/31/23 15:36	10
Trichloroethene	**630**		10	4.4	ug/L			10/31/23 15:36	10
Vinyl chloride	ND		10	4.5	ug/L			10/31/23 15:36	10

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Toluene-d8 (Surr)	*104*		*78 - 122*		*10/31/23 15:36*	*10*
Dibromofluoromethane (Surr)	*95*		*73 - 120*		*10/31/23 15:36*	*10*
4-Bromofluorobenzene (Surr)	*97*		*56 - 136*		*10/31/23 15:36*	*10*
1,2-Dichloroethane-d4 (Surr)	*94*		*62 - 137*		*10/31/23 15:36*	*10*

Client: AECOM
Project/Site: BP Sanborn - Fall Event

Job ID: 240-194049-1

Client Sample ID: DUP-20231018
Date Collected: 10/18/23 00:00
Date Received: 10/21/23 09:50

Lab Sample ID: 240-194049-10
Matrix: Water

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		40	19	ug/L			10/31/23 16:01	40
1,1-Dichloroethane	ND		40	19	ug/L			10/31/23 16:01	40
1,1-Dichloroethene	ND		40	20	ug/L			10/31/23 16:01	40
Carbon tetrachloride	ND		40	10	ug/L			10/31/23 16:01	40
Chloroform	ND		40	19	ug/L			10/31/23 16:01	40
cis-1,2-Dichloroethene	**580**		40	18	ug/L			10/31/23 16:01	40
Methylene Chloride	ND		200	100	ug/L			10/31/23 16:01	40
Tetrachloroethene	ND		40	18	ug/L			10/31/23 16:01	40
trans-1,2-Dichloroethene	ND		40	20	ug/L			10/31/23 16:01	40
Trichloroethene	**930**		40	18	ug/L			10/31/23 16:01	40
Vinyl chloride	ND		40	18	ug/L			10/31/23 16:01	40

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Toluene-d8 (Surr)	*103*		*78 - 122*		*10/31/23 16:01*	*40*
Dibromofluoromethane (Surr)	*94*		*73 - 120*		*10/31/23 16:01*	*40*
4-Bromofluorobenzene (Surr)	*99*		*56 - 136*		*10/31/23 16:01*	*40*
1,2-Dichloroethane-d4 (Surr)	*94*		*62 - 137*		*10/31/23 16:01*	*40*

Client: AECOM
Job ID: 240-194049-1
Project/Site: BP Sanborn - Fall Event

Client Sample ID: QUARRY
Lab Sample ID: 240-194049-11

Date Collected: 10/19/23 09:30
Matrix: Water
Date Received: 10/21/23 09:50

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0	0.48	ug/L			10/31/23 16:27	1
1,1-Dichloroethane	ND		1.0	0.47	ug/L			10/31/23 16:27	1
1,1-Dichloroethene	ND		1.0	0.49	ug/L			10/31/23 16:27	1
Carbon tetrachloride	ND		1.0	0.26	ug/L			10/31/23 16:27	1
Chloroform	ND		1.0	0.47	ug/L			10/31/23 16:27	1
cis-1,2-Dichloroethene	ND		1.0	0.46	ug/L			10/31/23 16:27	1
Methylene Chloride	ND		5.0	2.6	ug/L			10/31/23 16:27	1
Tetrachloroethene	ND		1.0	0.44	ug/L			10/31/23 16:27	1
trans-1,2-Dichloroethene	ND		1.0	0.51	ug/L			10/31/23 16:27	1
Trichloroethene	ND		1.0	0.44	ug/L			10/31/23 16:27	1
Vinyl chloride	ND		1.0	0.45	ug/L			10/31/23 16:27	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Toluene-d8 (Surr)	*103*		*78 - 122*		*10/31/23 16:27*	*1*
Dibromofluoromethane (Surr)	*94*		*73 - 120*		*10/31/23 16:27*	*1*
4-Bromofluorobenzene (Surr)	*94*		*56 - 136*		*10/31/23 16:27*	*1*
1,2-Dichloroethane-d4 (Surr)	*94*		*62 - 137*		*10/31/23 16:27*	*1*

Client: AECOM
Project/Site: BP Sanborn - Fall Event

Job ID: 240-194049-1

Client Sample ID: B-38
Date Collected: 10/19/23 10:40
Date Received: 10/21/23 09:50

Lab Sample ID: 240-194049-12
Matrix: Water

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0	0.48	ug/L			11/01/23 21:53	1
1,1-Dichloroethane	**0.61**	**J**	1.0	0.47	ug/L			11/01/23 21:53	1
1,1-Dichloroethene	**0.69**	**J**	1.0	0.49	ug/L			11/01/23 21:53	1
Carbon tetrachloride	ND		1.0	0.26	ug/L			11/01/23 21:53	1
Chloroform	ND		1.0	0.47	ug/L			11/01/23 21:53	1
cis-1,2-Dichloroethene	**30**		1.0	0.46	ug/L			11/01/23 21:53	1
Methylene Chloride	ND		5.0	2.6	ug/L			11/01/23 21:53	1
Tetrachloroethene	ND		1.0	0.44	ug/L			11/01/23 21:53	1
trans-1,2-Dichloroethene	ND		1.0	0.51	ug/L			11/01/23 21:53	1
Trichloroethene	**17**		1.0	0.44	ug/L			11/01/23 21:53	1
Vinyl chloride	**2.4**		1.0	0.45	ug/L			11/01/23 21:53	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Toluene-d8 (Surr)	*101*		*78 - 122*		*11/01/23 21:53*	*1*
Dibromofluoromethane (Surr)	*93*		*73 - 120*		*11/01/23 21:53*	*1*
4-Bromofluorobenzene (Surr)	*98*		*56 - 136*		*11/01/23 21:53*	*1*
1,2-Dichloroethane-d4 (Surr)	*96*		*62 - 137*		*11/01/23 21:53*	*1*

Client: AECOM
Project/Site: BP Sanborn - Fall Event

Job ID: 240-194049-1

Client Sample ID: B-21M
Date Collected: 10/19/23 11:40
Date Received: 10/21/23 09:50

Lab Sample ID: 240-194049-13
Matrix: Water

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0	0.48	ug/L			10/31/23 16:52	1
1,1-Dichloroethane	ND		1.0	0.47	ug/L			10/31/23 16:52	1
1,1-Dichloroethene	ND		1.0	0.49	ug/L			10/31/23 16:52	1
Carbon tetrachloride	ND		1.0	0.26	ug/L			10/31/23 16:52	1
Chloroform	ND		1.0	0.47	ug/L			10/31/23 16:52	1
cis-1,2-Dichloroethene	ND		1.0	0.46	ug/L			10/31/23 16:52	1
Methylene Chloride	ND		5.0	2.6	ug/L			10/31/23 16:52	1
Tetrachloroethene	ND		1.0	0.44	ug/L			10/31/23 16:52	1
trans-1,2-Dichloroethene	ND		1.0	0.51	ug/L			10/31/23 16:52	1
Trichloroethene	ND		1.0	0.44	ug/L			10/31/23 16:52	1
Vinyl chloride	ND		1.0	0.45	ug/L			10/31/23 16:52	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Toluene-d8 (Surr)	*104*		*78 - 122*		*10/31/23 16:52*	*1*
Dibromofluoromethane (Surr)	*94*		*73 - 120*		*10/31/23 16:52*	*1*
4-Bromofluorobenzene (Surr)	*93*		*56 - 136*		*10/31/23 16:52*	*1*
1,2-Dichloroethane-d4 (Surr)	*95*		*62 - 137*		*10/31/23 16:52*	*1*

Client: AECOM
Project/Site: BP Sanborn - Fall Event

Job ID: 240-194049-1

Client Sample ID: B-22M
Date Collected: 10/19/23 12:50
Date Received: 10/21/23 09:50

Lab Sample ID: 240-194049-14
Matrix: Water

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		2.0	0.96	ug/L			10/31/23 17:18	2
1,1-Dichloroethane	**0.96**	**J**	2.0	0.94	ug/L			10/31/23 17:18	2
1,1-Dichloroethene	ND		2.0	0.98	ug/L			10/31/23 17:18	2
Carbon tetrachloride	ND		2.0	0.52	ug/L			10/31/23 17:18	2
Chloroform	ND		2.0	0.94	ug/L			10/31/23 17:18	2
cis-1,2-Dichloroethene	**57**		2.0	0.92	ug/L			10/31/23 17:18	2
Methylene Chloride	ND		10	5.2	ug/L			10/31/23 17:18	2
Tetrachloroethene	ND		2.0	0.88	ug/L			10/31/23 17:18	2
trans-1,2-Dichloroethene	**1.4**	**J**	2.0	1.0	ug/L			10/31/23 17:18	2
Trichloroethene	**49**		2.0	0.88	ug/L			10/31/23 17:18	2
Vinyl chloride	**2.8**		2.0	0.90	ug/L			10/31/23 17:18	2

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Toluene-d8 (Surr)	*103*		*78 - 122*		*10/31/23 17:18*	*2*
Dibromofluoromethane (Surr)	*96*		*73 - 120*		*10/31/23 17:18*	*2*
4-Bromofluorobenzene (Surr)	*98*		*56 - 136*		*10/31/23 17:18*	*2*
1,2-Dichloroethane-d4 (Surr)	*95*		*62 - 137*		*10/31/23 17:18*	*2*

Client: AECOM
Job ID: 240-194049-1
Project/Site: BP Sanborn - Fall Event

Client Sample ID: B-28M
Lab Sample ID: 240-194049-15
Date Collected: 10/19/23 13:35
Matrix: Water
Date Received: 10/21/23 09:50

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0	0.48	ug/L			10/31/23 17:43	1
1,1-Dichloroethane	ND		1.0	0.47	ug/L			10/31/23 17:43	1
1,1-Dichloroethene	ND		1.0	0.49	ug/L			10/31/23 17:43	1
Carbon tetrachloride	ND		1.0	0.26	ug/L			10/31/23 17:43	1
Chloroform	ND		1.0	0.47	ug/L			10/31/23 17:43	1
cis-1,2-Dichloroethene	ND		1.0	0.46	ug/L			10/31/23 17:43	1
Methylene Chloride	ND		5.0	2.6	ug/L			10/31/23 17:43	1
Tetrachloroethene	ND		1.0	0.44	ug/L			10/31/23 17:43	1
trans-1,2-Dichloroethene	ND		1.0	0.51	ug/L			10/31/23 17:43	1
Trichloroethene	ND		1.0	0.44	ug/L			10/31/23 17:43	1
Vinyl chloride	ND		1.0	0.45	ug/L			10/31/23 17:43	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Toluene-d8 (Surr)	*105*		*78 - 122*		*10/31/23 17:43*	*1*
Dibromofluoromethane (Surr)	*97*		*73 - 120*		*10/31/23 17:43*	*1*
4-Bromofluorobenzene (Surr)	*100*		*56 - 136*		*10/31/23 17:43*	*1*
1,2-Dichloroethane-d4 (Surr)	*98*		*62 - 137*		*10/31/23 17:43*	*1*

Client: AECOM
Project/Site: BP Sanborn - Fall Event

Job ID: 240-194049-1

Client Sample ID: B-23M
Date Collected: 10/19/23 14:40
Date Received: 10/21/23 09:50

Lab Sample ID: 240-194049-16
Matrix: Water

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		5.0	2.4	ug/L			11/01/23 22:18	5
1,1-Dichloroethane	ND		5.0	2.4	ug/L			11/01/23 22:18	5
1,1-Dichloroethene	ND		5.0	2.5	ug/L			11/01/23 22:18	5
Carbon tetrachloride	ND		5.0	1.3	ug/L			11/01/23 22:18	5
Chloroform	ND		5.0	2.4	ug/L			11/01/23 22:18	5
cis-1,2-Dichloroethene	**120**		5.0	2.3	ug/L			11/01/23 22:18	5
Methylene Chloride	ND		25	13	ug/L			11/01/23 22:18	5
Tetrachloroethene	ND		5.0	2.2	ug/L			11/01/23 22:18	5
trans-1,2-Dichloroethene	ND		5.0	2.6	ug/L			11/01/23 22:18	5
Trichloroethene	**7.5**		5.0	2.2	ug/L			11/01/23 22:18	5
Vinyl chloride	**54**		5.0	2.3	ug/L			11/01/23 22:18	5

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Toluene-d8 (Surr)	*101*		*78 - 122*		*11/01/23 22:18*	*5*
Dibromofluoromethane (Surr)	*96*		*73 - 120*		*11/01/23 22:18*	*5*
4-Bromofluorobenzene (Surr)	*98*		*56 - 136*		*11/01/23 22:18*	*5*
1,2-Dichloroethane-d4 (Surr)	*98*		*62 - 137*		*11/01/23 22:18*	*5*

Client: AECOM
Project/Site: BP Sanborn - Fall Event

Job ID: 240-194049-1

Client Sample ID: B-9M
Date Collected: 10/20/23 09:30
Date Received: 10/21/23 09:50

Lab Sample ID: 240-194049-17
Matrix: Water

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0	0.48	ug/L			11/01/23 20:36	1
1,1-Dichloroethane	ND		1.0	0.47	ug/L			11/01/23 20:36	1
1,1-Dichloroethene	ND		1.0	0.49	ug/L			11/01/23 20:36	1
Carbon tetrachloride	ND		1.0	0.26	ug/L			11/01/23 20:36	1
Chloroform	ND		1.0	0.47	ug/L			11/01/23 20:36	1
cis-1,2-Dichloroethene	ND		1.0	0.46	ug/L			11/01/23 20:36	1
Methylene Chloride	ND		5.0	2.6	ug/L			11/01/23 20:36	1
Tetrachloroethene	**0.96**	**J**	1.0	0.44	ug/L			11/01/23 20:36	1
trans-1,2-Dichloroethene	ND		1.0	0.51	ug/L			11/01/23 20:36	1
Trichloroethene	**1.2**		1.0	0.44	ug/L			11/01/23 20:36	1
Vinyl chloride	ND		1.0	0.45	ug/L			11/01/23 20:36	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Toluene-d8 (Surr)	*99*		*78 - 122*		*11/01/23 20:36*	*1*
Dibromofluoromethane (Surr)	*95*		*73 - 120*		*11/01/23 20:36*	*1*
4-Bromofluorobenzene (Surr)	*96*		*56 - 136*		*11/01/23 20:36*	*1*
1,2-Dichloroethane-d4 (Surr)	*99*		*62 - 137*		*11/01/23 20:36*	*1*

Client: AECOM
Project/Site: BP Sanborn - Fall Event

Job ID: 240-194049-1

Client Sample ID: B-6M
Date Collected: 10/20/23 10:40
Date Received: 10/21/23 09:50

Lab Sample ID: 240-194049-18
Matrix: Water

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0	0.48	ug/L			11/01/23 21:27	1
1,1-Dichloroethane	ND		1.0	0.47	ug/L			11/01/23 21:27	1
1,1-Dichloroethene	ND		1.0	0.49	ug/L			11/01/23 21:27	1
Carbon tetrachloride	ND		1.0	0.26	ug/L			11/01/23 21:27	1
Chloroform	ND		1.0	0.47	ug/L			11/01/23 21:27	1
cis-1,2-Dichloroethene	**2.5**		1.0	0.46	ug/L			11/01/23 21:27	1
Methylene Chloride	ND		5.0	2.6	ug/L			11/01/23 21:27	1
Tetrachloroethene	ND		1.0	0.44	ug/L			11/01/23 21:27	1
trans-1,2-Dichloroethene	ND		1.0	0.51	ug/L			11/01/23 21:27	1
Trichloroethene	**24**		1.0	0.44	ug/L			11/01/23 21:27	1
Vinyl chloride	ND		1.0	0.45	ug/L			11/01/23 21:27	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Toluene-d8 (Surr)	*101*		*78 - 122*		*11/01/23 21:27*	*1*
Dibromofluoromethane (Surr)	*96*		*73 - 120*		*11/01/23 21:27*	*1*
4-Bromofluorobenzene (Surr)	*99*		*56 - 136*		*11/01/23 21:27*	*1*
1,2-Dichloroethane-d4 (Surr)	*98*		*62 - 137*		*11/01/23 21:27*	*1*

Client: AECOM
Job ID: 240-194049-1
Project/Site: BP Sanborn - Fall Event

Client Sample ID: B-50M
Lab Sample ID: 240-194049-19

Date Collected: 10/20/23 11:20
Matrix: Water
Date Received: 10/21/23 09:50

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		5.0	2.4	ug/L			11/01/23 22:43	5
1,1-Dichloroethane	ND		5.0	2.4	ug/L			11/01/23 22:43	5
1,1-Dichloroethene	ND		5.0	2.5	ug/L			11/01/23 22:43	5
Carbon tetrachloride	ND		5.0	1.3	ug/L			11/01/23 22:43	5
Chloroform	ND		5.0	2.4	ug/L			11/01/23 22:43	5
cis-1,2-Dichloroethene	**29**		5.0	2.3	ug/L			11/01/23 22:43	5
Methylene Chloride	ND		25	13	ug/L			11/01/23 22:43	5
Tetrachloroethene	ND		5.0	2.2	ug/L			11/01/23 22:43	5
trans-1,2-Dichloroethene	ND		5.0	2.6	ug/L			11/01/23 22:43	5
Trichloroethene	**150**		5.0	2.2	ug/L			11/01/23 22:43	5
Vinyl chloride	ND		5.0	2.3	ug/L			11/01/23 22:43	5

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Toluene-d8 (Surr)	*100*		*78 - 122*		*11/01/23 22:43*	*5*
Dibromofluoromethane (Surr)	*94*		*73 - 120*		*11/01/23 22:43*	*5*
4-Bromofluorobenzene (Surr)	*98*		*56 - 136*		*11/01/23 22:43*	*5*
1,2-Dichloroethane-d4 (Surr)	*96*		*62 - 137*		*11/01/23 22:43*	*5*

Client: AECOM
Project/Site: BP Sanborn - Fall Event

Job ID: 240-194049-1

Client Sample ID: TRIP BLANK
Date Collected: 10/20/23 00:00
Date Received: 10/21/23 09:50

Lab Sample ID: 240-194049-20
Matrix: Water

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0	0.48	ug/L			10/31/23 12:38	1
1,1-Dichloroethane	ND		1.0	0.47	ug/L			10/31/23 12:38	1
1,1-Dichloroethene	ND		1.0	0.49	ug/L			10/31/23 12:38	1
Carbon tetrachloride	ND		1.0	0.26	ug/L			10/31/23 12:38	1
Chloroform	ND		1.0	0.47	ug/L			10/31/23 12:38	1
cis-1,2-Dichloroethene	ND		1.0	0.46	ug/L			10/31/23 12:38	1
Methylene Chloride	**6.5**		5.0	2.6	ug/L			10/31/23 12:38	1
Tetrachloroethene	ND		1.0	0.44	ug/L			10/31/23 12:38	1
trans-1,2-Dichloroethene	ND		1.0	0.51	ug/L			10/31/23 12:38	1
Trichloroethene	ND		1.0	0.44	ug/L			10/31/23 12:38	1
Vinyl chloride	ND		1.0	0.45	ug/L			10/31/23 12:38	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Toluene-d8 (Surr)	*100*		*78 - 122*		*10/31/23 12:38*	*1*
Dibromofluoromethane (Surr)	*92*		*73 - 120*		*10/31/23 12:38*	*1*
4-Bromofluorobenzene (Surr)	*93*		*56 - 136*		*10/31/23 12:38*	*1*
1,2-Dichloroethane-d4 (Surr)	*94*		*62 - 137*		*10/31/23 12:38*	*1*

Surrogate Summary

Client: AECOM
Project/Site: BP Sanborn - Fall Event

Job ID: 240-194049-1

Method: 8260D - Volatile Organic Compounds by GC/MS

Matrix: Water

Prep Type: Total/NA

		Percent Surrogate Recovery (Acceptance Limits)			
		TOL	DBFM	BFB	DCA
Lab Sample ID	Client Sample ID	(78-122)	(73-120)	(56-136)	(62-137)
240-194049-1	T-002	107	96	100	95
240-194049-2	PW-3	103	95	96	92
240-194049-3	P-2	101	96	99	93
240-194049-3	P-2	101	93	90	92
240-194049-4	PW-4	102	93	92	91
240-194049-4	PW-4	104	95	100	95
240-194049-5	PW-1	103	96	94	94
240-194049-5	PW-1	100	93	94	91
240-194049-6	P-3	102	96	94	95
240-194049-7	P-4	102	95	98	95
240-194049-8	B-3M	102	96	97	95
240-194049-8 MS	B-3M	103	96	101	93
240-194049-8 MSD	B-3M	102	94	101	91
240-194049-9	B-12M	104	95	97	94
240-194049-10	DUP-20231018	103	94	99	94
240-194049-11	QUARRY	103	94	94	94
240-194049-12	B-38	101	93	98	96
240-194049-12 MS	B-38	100	99	80	95
240-194049-12 MSD	B-38	99	98	80	94
240-194049-13	B-21M	104	94	93	95
240-194049-14	B-22M	103	96	98	95
240-194049-15	B-28M	105	97	100	98
240-194049-16	B-23M	101	96	98	98
240-194049-17	B-9M	99	95	96	99
240-194049-18	B-6M	101	96	99	98
240-194049-19	B-50M	100	94	98	96
240-194049-20	TRIP BLANK	100	92	93	94
LCS 240-592636/5	Lab Control Sample	97	94	95	91
LCS 240-592823/5	Lab Control Sample	101	93	97	90
LCS 240-593065/5	Lab Control Sample	105	96	99	94
LCS 240-593124/5	Lab Control Sample	98	108	89	97
MB 240-592636/9	Method Blank	98	97	97	93
MB 240-592823/9	Method Blank	101	92	92	93
MB 240-593065/9	Method Blank	108	99	98	98
MB 240-593124/9	Method Blank	97	100	73	96

Surrogate Legend

TOL = Toluene-d8 (Surr)
DBFM = Dibromofluoromethane (Surr)
BFB = 4-Bromofluorobenzene (Surr)
DCA = 1,2-Dichloroethane-d4 (Surr)

Method: 8260D - Volatile Organic Compounds by GC/MS

Lab Sample ID: MB 240-592636/9
Matrix: Water
Analysis Batch: 592636

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0	0.48	ug/L			10/30/23 13:01	1
1,1-Dichloroethane	ND		1.0	0.47	ug/L			10/30/23 13:01	1
1,1-Dichloroethene	ND		1.0	0.49	ug/L			10/30/23 13:01	1
Carbon tetrachloride	ND		1.0	0.26	ug/L			10/30/23 13:01	1
Chloroform	ND		1.0	0.47	ug/L			10/30/23 13:01	1
cis-1,2-Dichloroethene	ND		1.0	0.46	ug/L			10/30/23 13:01	1
Methylene Chloride	ND		5.0	2.6	ug/L			10/30/23 13:01	1
Tetrachloroethene	ND		1.0	0.44	ug/L			10/30/23 13:01	1
trans-1,2-Dichloroethene	ND		1.0	0.51	ug/L			10/30/23 13:01	1
Trichloroethene	ND		1.0	0.44	ug/L			10/30/23 13:01	1
Vinyl chloride	ND		1.0	0.45	ug/L			10/30/23 13:01	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Toluene-d8 (Surr)	*98*		*78 - 122*		*10/30/23 13:01*	*1*
Dibromofluoromethane (Surr)	*97*		*73 - 120*		*10/30/23 13:01*	*1*
4-Bromofluorobenzene (Surr)	*97*		*56 - 136*		*10/30/23 13:01*	*1*
1,2-Dichloroethane-d4 (Surr)	*93*		*62 - 137*		*10/30/23 13:01*	*1*

Lab Sample ID: LCS 240-592636/5
Matrix: Water
Analysis Batch: 592636

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
1,1,1-Trichloroethane	20.0	18.9		ug/L		94	64 - 131
1,1-Dichloroethane	20.0	20.5		ug/L		103	72 - 127
1,1-Dichloroethene	20.0	22.1		ug/L		110	63 - 134
Carbon tetrachloride	20.0	18.9		ug/L		94	55 - 137
Chloroform	20.0	18.7		ug/L		94	74 - 122
cis-1,2-Dichloroethene	20.0	19.5		ug/L		98	77 - 123
Methylene Chloride	20.0	20.0		ug/L		100	71 - 125
Tetrachloroethene	20.0	20.1		ug/L		100	76 - 123
trans-1,2-Dichloroethene	20.0	20.6		ug/L		103	75 - 124
Trichloroethene	20.0	19.5		ug/L		98	70 - 122
Vinyl chloride	20.0	23.8		ug/L		119	60 - 144

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
Toluene-d8 (Surr)	*97*		*78 - 122*
Dibromofluoromethane (Surr)	*94*		*73 - 120*
4-Bromofluorobenzene (Surr)	*95*		*56 - 136*
1,2-Dichloroethane-d4 (Surr)	*91*		*62 - 137*

Lab Sample ID: 240-194049-8 MS
Matrix: Water
Analysis Batch: 592636

Client Sample ID: B-3M
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
1,1,1-Trichloroethane	ND		1000	844		ug/L		84	60 - 130
1,1-Dichloroethane	ND		1000	939		ug/L		94	68 - 125

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: 240-194049-8 MS
Matrix: Water
Analysis Batch: 592636

Client Sample ID: B-3M
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
1,1-Dichloroethene	ND		1000	992		ug/L		99	56 - 135
Carbon tetrachloride	ND		1000	816		ug/L		82	51 - 133
Chloroform	ND		1000	863		ug/L		86	70 - 122
cis-1,2-Dichloroethene	600		1000	1480		ug/L		88	66 - 128
Methylene Chloride	ND		1000	894		ug/L		89	62 - 129
Tetrachloroethene	ND		1000	923		ug/L		92	62 - 131
trans-1,2-Dichloroethene	ND		1000	923		ug/L		92	56 - 136
Trichloroethene	960		1000	1790		ug/L		82	61 - 124
Vinyl chloride	ND		1000	1080		ug/L		108	43 - 157

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
Toluene-d8 (Surr)	*103*		*78 - 122*
Dibromofluoromethane (Surr)	*96*		*73 - 120*
4-Bromofluorobenzene (Surr)	*101*		*56 - 136*
1,2-Dichloroethane-d4 (Surr)	*93*		*62 - 137*

Lab Sample ID: 240-194049-8 MSD
Matrix: Water
Analysis Batch: 592636

Client Sample ID: B-3M
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
1,1,1-Trichloroethane	ND		1000	866		ug/L		87	60 - 130	3	17
1,1-Dichloroethane	ND		1000	946		ug/L		95	68 - 125	1	13
1,1-Dichloroethene	ND		1000	999		ug/L		100	56 - 135	1	26
Carbon tetrachloride	ND		1000	859		ug/L		86	51 - 133	5	24
Chloroform	ND		1000	865		ug/L		87	70 - 122	0	14
cis-1,2-Dichloroethene	600		1000	1480		ug/L		88	66 - 128	0	14
Methylene Chloride	ND		1000	898		ug/L		90	62 - 129	0	17
Tetrachloroethene	ND		1000	988		ug/L		99	62 - 131	7	20
trans-1,2-Dichloroethene	ND		1000	945		ug/L		94	56 - 136	2	15
Trichloroethene	960		1000	1840		ug/L		87	61 - 124	3	15
Vinyl chloride	ND		1000	1070		ug/L		107	43 - 157	1	24

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
Toluene-d8 (Surr)	*102*		*78 - 122*
Dibromofluoromethane (Surr)	*94*		*73 - 120*
4-Bromofluorobenzene (Surr)	*101*		*56 - 136*
1,2-Dichloroethane-d4 (Surr)	*91*		*62 - 137*

Lab Sample ID: MB 240-592823/9
Matrix: Water
Analysis Batch: 592823

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0	0.48	ug/L			10/31/23 12:13	1
1,1-Dichloroethane	ND		1.0	0.47	ug/L			10/31/23 12:13	1
1,1-Dichloroethene	ND		1.0	0.49	ug/L			10/31/23 12:13	1
Carbon tetrachloride	ND		1.0	0.26	ug/L			10/31/23 12:13	1

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: MB 240-592823/9
Matrix: Water
Analysis Batch: 592823

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloroform	ND		1.0	0.47	ug/L			10/31/23 12:13	1
cis-1,2-Dichloroethene	ND		1.0	0.46	ug/L			10/31/23 12:13	1
Methylene Chloride	ND		5.0	2.6	ug/L			10/31/23 12:13	1
Tetrachloroethene	ND		1.0	0.44	ug/L			10/31/23 12:13	1
trans-1,2-Dichloroethene	ND		1.0	0.51	ug/L			10/31/23 12:13	1
Trichloroethene	ND		1.0	0.44	ug/L			10/31/23 12:13	1
Vinyl chloride	ND		1.0	0.45	ug/L			10/31/23 12:13	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Toluene-d8 (Surr)	*101*		*78 - 122*		*10/31/23 12:13*	*1*
Dibromofluoromethane (Surr)	*92*		*73 - 120*		*10/31/23 12:13*	*1*
4-Bromofluorobenzene (Surr)	*92*		*56 - 136*		*10/31/23 12:13*	*1*
1,2-Dichloroethane-d4 (Surr)	*93*		*62 - 137*		*10/31/23 12:13*	*1*

Lab Sample ID: LCS 240-592823/5
Matrix: Water
Analysis Batch: 592823

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
1,1,1-Trichloroethane	20.0	16.9		ug/L		84	64 - 131
1,1-Dichloroethane	20.0	17.9		ug/L		89	72 - 127
1,1-Dichloroethene	20.0	19.8		ug/L		99	63 - 134
Carbon tetrachloride	20.0	17.0		ug/L		85	55 - 137
Chloroform	20.0	16.7		ug/L		83	74 - 122
cis-1,2-Dichloroethene	20.0	17.2		ug/L		86	77 - 123
Methylene Chloride	20.0	17.4		ug/L		87	71 - 125
Tetrachloroethene	20.0	19.0		ug/L		95	76 - 123
trans-1,2-Dichloroethene	20.0	18.0		ug/L		90	75 - 124
Trichloroethene	20.0	17.4		ug/L		87	70 - 122
Vinyl chloride	20.0	20.9		ug/L		105	60 - 144

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
Toluene-d8 (Surr)	*101*		*78 - 122*
Dibromofluoromethane (Surr)	*93*		*73 - 120*
4-Bromofluorobenzene (Surr)	*97*		*56 - 136*
1,2-Dichloroethane-d4 (Surr)	*90*		*62 - 137*

Lab Sample ID: MB 240-593065/9
Matrix: Water
Analysis Batch: 593065

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0	0.48	ug/L			11/01/23 15:31	1
1,1-Dichloroethane	ND		1.0	0.47	ug/L			11/01/23 15:31	1
1,1-Dichloroethene	ND		1.0	0.49	ug/L			11/01/23 15:31	1
Carbon tetrachloride	ND		1.0	0.26	ug/L			11/01/23 15:31	1
Chloroform	ND		1.0	0.47	ug/L			11/01/23 15:31	1
cis-1,2-Dichloroethene	ND		1.0	0.46	ug/L			11/01/23 15:31	1

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: MB 240-593065/9
Matrix: Water
Analysis Batch: 593065

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methylene Chloride	ND		5.0	2.6	ug/L			11/01/23 15:31	1
Tetrachloroethene	ND		1.0	0.44	ug/L			11/01/23 15:31	1
trans-1,2-Dichloroethene	ND		1.0	0.51	ug/L			11/01/23 15:31	1
Trichloroethene	ND		1.0	0.44	ug/L			11/01/23 15:31	1
Vinyl chloride	ND		1.0	0.45	ug/L			11/01/23 15:31	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Toluene-d8 (Surr)	*108*		*78 - 122*		*11/01/23 15:31*	*1*
Dibromofluoromethane (Surr)	*99*		*73 - 120*		*11/01/23 15:31*	*1*
4-Bromofluorobenzene (Surr)	*98*		*56 - 136*		*11/01/23 15:31*	*1*
1,2-Dichloroethane-d4 (Surr)	*98*		*62 - 137*		*11/01/23 15:31*	*1*

Lab Sample ID: LCS 240-593065/5
Matrix: Water
Analysis Batch: 593065

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
1,1,1-Trichloroethane	20.0	18.0		ug/L		90	64 - 131
1,1-Dichloroethane	20.0	19.2		ug/L		96	72 - 127
1,1-Dichloroethene	20.0	20.5		ug/L		103	63 - 134
Carbon tetrachloride	20.0	18.0		ug/L		90	55 - 137
Chloroform	20.0	17.9		ug/L		90	74 - 122
cis-1,2-Dichloroethene	20.0	18.3		ug/L		92	77 - 123
Methylene Chloride	20.0	18.3		ug/L		91	71 - 125
Tetrachloroethene	20.0	20.3		ug/L		102	76 - 123
trans-1,2-Dichloroethene	20.0	18.9		ug/L		94	75 - 124
Trichloroethene	20.0	18.2		ug/L		91	70 - 122
Vinyl chloride	20.0	21.2		ug/L		106	60 - 144

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
Toluene-d8 (Surr)	*105*		*78 - 122*
Dibromofluoromethane (Surr)	*96*		*73 - 120*
4-Bromofluorobenzene (Surr)	*99*		*56 - 136*
1,2-Dichloroethane-d4 (Surr)	*94*		*62 - 137*

Lab Sample ID: MB 240-593124/9
Matrix: Water
Analysis Batch: 593124

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0	0.48	ug/L			11/02/23 11:29	1
1,1-Dichloroethane	ND		1.0	0.47	ug/L			11/02/23 11:29	1
1,1-Dichloroethene	ND		1.0	0.49	ug/L			11/02/23 11:29	1
Carbon tetrachloride	ND		1.0	0.26	ug/L			11/02/23 11:29	1
Chloroform	ND		1.0	0.47	ug/L			11/02/23 11:29	1
cis-1,2-Dichloroethene	ND		1.0	0.46	ug/L			11/02/23 11:29	1
Methylene Chloride	ND		5.0	2.6	ug/L			11/02/23 11:29	1
Tetrachloroethene	ND		1.0	0.44	ug/L			11/02/23 11:29	1

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: MB 240-593124/9
Matrix: Water
Analysis Batch: 593124

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
trans-1,2-Dichloroethene	ND		1.0	0.51	ug/L			11/02/23 11:29	1
Trichloroethene	ND		1.0	0.44	ug/L			11/02/23 11:29	1
Vinyl chloride	ND		1.0	0.45	ug/L			11/02/23 11:29	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Toluene-d8 (Surr)	*97*		*78 - 122*		*11/02/23 11:29*	*1*
Dibromofluoromethane (Surr)	*100*		*73 - 120*		*11/02/23 11:29*	*1*
4-Bromofluorobenzene (Surr)	*73*		*56 - 136*		*11/02/23 11:29*	*1*
1,2-Dichloroethane-d4 (Surr)	*96*		*62 - 137*		*11/02/23 11:29*	*1*

Lab Sample ID: LCS 240-593124/5
Matrix: Water
Analysis Batch: 593124

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
1,1,1-Trichloroethane	20.0	19.8		ug/L		99	64 - 131
1,1-Dichloroethane	20.0	20.5		ug/L		103	72 - 127
1,1-Dichloroethene	20.0	21.2		ug/L		106	63 - 134
Carbon tetrachloride	20.0	19.8		ug/L		99	55 - 137
Chloroform	20.0	20.8		ug/L		104	74 - 122
cis-1,2-Dichloroethene	20.0	21.1		ug/L		106	77 - 123
Methylene Chloride	20.0	20.6		ug/L		103	71 - 125
Tetrachloroethene	20.0	20.0		ug/L		100	76 - 123
trans-1,2-Dichloroethene	20.0	20.4		ug/L		102	75 - 124
Trichloroethene	20.0	19.8		ug/L		99	70 - 122
Vinyl chloride	20.0	18.5		ug/L		92	60 - 144

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
Toluene-d8 (Surr)	*98*		*78 - 122*
Dibromofluoromethane (Surr)	*108*		*73 - 120*
4-Bromofluorobenzene (Surr)	*89*		*56 - 136*
1,2-Dichloroethane-d4 (Surr)	*97*		*62 - 137*

Lab Sample ID: 240-194049-12 MS
Matrix: Water
Analysis Batch: 593124

Client Sample ID: B-38
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
1,1,1-Trichloroethane	ND		20.0	19.4		ug/L		97	60 - 130
1,1-Dichloroethane	0.61	J	20.0	20.5		ug/L		100	68 - 125
1,1-Dichloroethene	0.69	J	20.0	20.6		ug/L		99	56 - 135
Carbon tetrachloride	ND		20.0	19.4		ug/L		97	51 - 133
Chloroform	ND		20.0	19.5		ug/L		97	70 - 122
cis-1,2-Dichloroethene	30		20.0	54.1		ug/L		121	66 - 128
Methylene Chloride	ND		20.0	19.3		ug/L		96	62 - 129
Tetrachloroethene	ND		20.0	19.8		ug/L		99	62 - 131
trans-1,2-Dichloroethene	ND		20.0	20.9		ug/L		105	56 - 136
Trichloroethene	17		20.0	36.1		ug/L		97	61 - 124

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: 240-194049-12 MS
Matrix: Water
Analysis Batch: 593124

Client Sample ID: B-38
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Vinyl chloride	2.4		20.0	18.2		ug/L		79	43 - 157		

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
Toluene-d8 (Surr)	*100*		*78 - 122*
Dibromofluoromethane (Surr)	*99*		*73 - 120*
4-Bromofluorobenzene (Surr)	*80*		*56 - 136*
1,2-Dichloroethane-d4 (Surr)	*95*		*62 - 137*

Lab Sample ID: 240-194049-12 MSD
Matrix: Water
Analysis Batch: 593124

Client Sample ID: B-38
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
1,1,1-Trichloroethane	ND		20.0	19.7		ug/L		98	60 - 130	1	17
1,1-Dichloroethane	0.61	J	20.0	20.8		ug/L		101	68 - 125	1	13
1,1-Dichloroethene	0.69	J	20.0	21.8		ug/L		105	56 - 135	6	26
Carbon tetrachloride	ND		20.0	19.7		ug/L		98	51 - 133	1	24
Chloroform	ND		20.0	20.7		ug/L		104	70 - 122	6	14
cis-1,2-Dichloroethene	30		20.0	55.8	F1	ug/L		129	66 - 128	3	14
Methylene Chloride	ND		20.0	20.0		ug/L		100	62 - 129	4	17
Tetrachloroethene	ND		20.0	20.7		ug/L		103	62 - 131	4	20
trans-1,2-Dichloroethene	ND		20.0	20.9		ug/L		104	56 - 136	0	15
Trichloroethene	17		20.0	36.9		ug/L		101	61 - 124	2	15
Vinyl chloride	2.4		20.0	18.6		ug/L		81	43 - 157	2	24

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
Toluene-d8 (Surr)	*99*		*78 - 122*
Dibromofluoromethane (Surr)	*98*		*73 - 120*
4-Bromofluorobenzene (Surr)	*80*		*56 - 136*
1,2-Dichloroethane-d4 (Surr)	*94*		*62 - 137*

GC/MS VOA

Analysis Batch: 592636

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-194049-3	P-2	Total/NA	Water	8260D	
240-194049-4	PW-4	Total/NA	Water	8260D	
240-194049-5	PW-1	Total/NA	Water	8260D	
240-194049-6	P-3	Total/NA	Water	8260D	
240-194049-7	P-4	Total/NA	Water	8260D	
240-194049-8	B-3M	Total/NA	Water	8260D	
MB 240-592636/9	Method Blank	Total/NA	Water	8260D	
LCS 240-592636/5	Lab Control Sample	Total/NA	Water	8260D	
240-194049-8 MS	B-3M	Total/NA	Water	8260D	
240-194049-8 MSD	B-3M	Total/NA	Water	8260D	

Analysis Batch: 592823

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-194049-1	T-002	Total/NA	Water	8260D	
240-194049-2	PW-3	Total/NA	Water	8260D	
240-194049-3	P-2	Total/NA	Water	8260D	
240-194049-4	PW-4	Total/NA	Water	8260D	
240-194049-5	PW-1	Total/NA	Water	8260D	
240-194049-9	B-12M	Total/NA	Water	8260D	
240-194049-10	DUP-20231018	Total/NA	Water	8260D	
240-194049-11	QUARRY	Total/NA	Water	8260D	
240-194049-13	B-21M	Total/NA	Water	8260D	
240-194049-14	B-22M	Total/NA	Water	8260D	
240-194049-15	B-28M	Total/NA	Water	8260D	
240-194049-20	TRIP BLANK	Total/NA	Water	8260D	
MB 240-592823/9	Method Blank	Total/NA	Water	8260D	
LCS 240-592823/5	Lab Control Sample	Total/NA	Water	8260D	

Analysis Batch: 593065

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-194049-12	B-38	Total/NA	Water	8260D	
240-194049-16	B-23M	Total/NA	Water	8260D	
240-194049-17	B-9M	Total/NA	Water	8260D	
240-194049-18	B-6M	Total/NA	Water	8260D	
240-194049-19	B-50M	Total/NA	Water	8260D	
MB 240-593065/9	Method Blank	Total/NA	Water	8260D	
LCS 240-593065/5	Lab Control Sample	Total/NA	Water	8260D	

Analysis Batch: 593124

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 240-593124/9	Method Blank	Total/NA	Water	8260D	
LCS 240-593124/5	Lab Control Sample	Total/NA	Water	8260D	
240-194049-12 MS	B-38	Total/NA	Water	8260D	
240-194049-12 MSD	B-38	Total/NA	Water	8260D	

Lab Chronicle

Client: AECOM
Job ID: 240-194049-1
Project/Site: BP Sanborn - Fall Event

Client Sample ID: T-002
Lab Sample ID: 240-194049-1
Date Collected: 10/18/23 08:50
Matrix: Water
Date Received: 10/21/23 09:50

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		10	592823	AJS	EET CLE	10/31/23 13:29

Client Sample ID: PW-3
Lab Sample ID: 240-194049-2
Date Collected: 10/18/23 09:15
Matrix: Water
Date Received: 10/21/23 09:50

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		40	592823	AJS	EET CLE	10/31/23 13:54

Client Sample ID: P-2
Lab Sample ID: 240-194049-3
Date Collected: 10/18/23 09:35
Matrix: Water
Date Received: 10/21/23 09:50

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		20	592636	AJS	EET CLE	10/30/23 19:37
Total/NA	Analysis	8260D		100	592823	AJS	EET CLE	10/31/23 14:19

Client Sample ID: PW-4
Lab Sample ID: 240-194049-4
Date Collected: 10/18/23 09:50
Matrix: Water
Date Received: 10/21/23 09:50

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	592636	AJS	EET CLE	10/30/23 20:02
Total/NA	Analysis	8260D		10	592823	AJS	EET CLE	10/31/23 14:45

Client Sample ID: PW-1
Lab Sample ID: 240-194049-5
Date Collected: 10/18/23 10:10
Matrix: Water
Date Received: 10/21/23 09:50

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		100	592636	AJS	EET CLE	10/30/23 20:27
Total/NA	Analysis	8260D		200	592823	AJS	EET CLE	10/31/23 15:11

Client Sample ID: P-3
Lab Sample ID: 240-194049-6
Date Collected: 10/18/23 10:35
Matrix: Water
Date Received: 10/21/23 09:50

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	592636	AJS	EET CLE	10/30/23 20:53

Client Sample ID: P-4
Lab Sample ID: 240-194049-7
Date Collected: 10/18/23 10:50
Matrix: Water
Date Received: 10/21/23 09:50

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		50	592636	AJS	EET CLE	10/30/23 21:18

Lab Chronicle

Client: AECOM
Job ID: 240-194049-1
Project/Site: BP Sanborn - Fall Event

Client Sample ID: B-3M
Lab Sample ID: 240-194049-8
Date Collected: 10/18/23 12:10
Matrix: Water
Date Received: 10/21/23 09:50

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		50	592636	AJS	EET CLE	10/30/23 21:44

Client Sample ID: B-12M
Lab Sample ID: 240-194049-9
Date Collected: 10/18/23 13:45
Matrix: Water
Date Received: 10/21/23 09:50

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		10	592823	AJS	EET CLE	10/31/23 15:36

Client Sample ID: DUP-20231018
Lab Sample ID: 240-194049-10
Date Collected: 10/18/23 00:00
Matrix: Water
Date Received: 10/21/23 09:50

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		40	592823	AJS	EET CLE	10/31/23 16:01

Client Sample ID: QUARRY
Lab Sample ID: 240-194049-11
Date Collected: 10/19/23 09:30
Matrix: Water
Date Received: 10/21/23 09:50

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	592823	AJS	EET CLE	10/31/23 16:27

Client Sample ID: B-38
Lab Sample ID: 240-194049-12
Date Collected: 10/19/23 10:40
Matrix: Water
Date Received: 10/21/23 09:50

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	593065	AJS	EET CLE	11/01/23 21:53

Client Sample ID: B-21M
Lab Sample ID: 240-194049-13
Date Collected: 10/19/23 11:40
Matrix: Water
Date Received: 10/21/23 09:50

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	592823	AJS	EET CLE	10/31/23 16:52

Client Sample ID: B-22M
Lab Sample ID: 240-194049-14
Date Collected: 10/19/23 12:50
Matrix: Water
Date Received: 10/21/23 09:50

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		2	592823	AJS	EET CLE	10/31/23 17:18

Lab Chronicle

Client: AECOM
Job ID: 240-194049-1
Project/Site: BP Sanborn - Fall Event

Client Sample ID: B-28M
Lab Sample ID: 240-194049-15
Date Collected: 10/19/23 13:35
Matrix: Water
Date Received: 10/21/23 09:50

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	592823	AJS	EET CLE	10/31/23 17:43

Client Sample ID: B-23M
Lab Sample ID: 240-194049-16
Date Collected: 10/19/23 14:40
Matrix: Water
Date Received: 10/21/23 09:50

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		5	593065	AJS	EET CLE	11/01/23 22:18

Client Sample ID: B-9M
Lab Sample ID: 240-194049-17
Date Collected: 10/20/23 09:30
Matrix: Water
Date Received: 10/21/23 09:50

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	593065	AJS	EET CLE	11/01/23 20:36

Client Sample ID: B-6M
Lab Sample ID: 240-194049-18
Date Collected: 10/20/23 10:40
Matrix: Water
Date Received: 10/21/23 09:50

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	593065	AJS	EET CLE	11/01/23 21:27

Client Sample ID: B-50M
Lab Sample ID: 240-194049-19
Date Collected: 10/20/23 11:20
Matrix: Water
Date Received: 10/21/23 09:50

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		5	593065	AJS	EET CLE	11/01/23 22:43

Client Sample ID: TRIP BLANK
Lab Sample ID: 240-194049-20
Date Collected: 10/20/23 00:00
Matrix: Water
Date Received: 10/21/23 09:50

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	592823	AJS	EET CLE	10/31/23 12:38

Laboratory References:

EET CLE = Eurofins Cleveland, 180 S. Van Buren Avenue, Barberton, OH 44203, TEL (330)497-9396

Accreditation/Certification Summary

Client: AECOM
Job ID: 240-194049-1
Project/Site: BP Sanborn - Fall Event

Laboratory: Eurofins Cleveland

The accreditations/certifications listed below are applicable to this report.

Authority	Program	Identification Number	Expiration Date
New York	NELAP	10975	04-02-24

Eurofins Cleveland
180 S. Van Buren Avenue
Barberton, OH 44203
Phone: 330-497-9396 Fax: 330-497-0772

Chain of Custody Record

4.4
4.7

eurofins | Environment Testing

Client Information	Sampler: C. Hyrcus / S. Connolly	Lab PM: Johnson, Opal	Carrier Tracking No(s):	COC No: 240-112640-40079.1
Client Contact: Ms. Ann Marie Kropovitch	Phone: 585-317-6137	E-Mail: Opal.Johnson@et.eurofinsus.com	State of Origin: NY	Page: Page 1 of 2
Company: AECOM	PWSID:	Analysis Requested		Job #:
Address: 50 Lakefront Bouelvard Suite 111	Due Date Requested: STD			Preservation Codes: A - HCL, B - NaOH, C - Zn Acetate, D - Nitric Acid, E - NaHSO4, F - MeOH, G - Amchlor, H - Ascorbic Acid, I - Ice, J - DI Water, K - EDTA, L - EDA, M - Hexane, N - None, O - AsNaO2, P - Na2O4S, Q - Na2SO3, R - Na2S2O3, S - H2SO4, T - TSP Dodecahydrate, U - Acetone, V - MCAA, W - pH 4-5, Y - Trizma, Z - other (specify)
City: Buffalo	TAT Requested (days):			
State, Zip: NY, 14202	Compliance Project: Δ Yes Δ No			
Phone: 716-923-1137(Tel)	PO #: 143920 / Line 14			Other:
Email: anri.marie.kropovitch@aecom.com	WO #:			
Project Name: BP Sanborn - Fall Event	Project #: 24017387			
Site:	SSOW#:			

Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	8260D - (MOD) TCL OLM03.1/4.2 Volatile Analyte L	8260D - TRIP BLANK	Total Number of containers	Special
			Preservation Code:				A	A		
T-002	10/16/23	0850	G	Water			X		3	
PW-3		0915	G	Water			X		3	
P-2		0935	G	Water			X		3	
PW-4		0950	G	Water			X		3	
PW-1		1010	G	Water			X		3	
P-3		1035	G	Water			X		3	
P-4		1050	G	Water			X		3	
B-3M		1210	G	Water			X		3	
B-12M		1345	G	Water			X		3	
DUP-20231018	10/18/23		G	Water			X		3	
Quarry	10/19/23	0930	G	Water			X		3	

240-194049 Chain of Custody

Possible Hazard Identification
☒ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
☐ Return To Client ☒ Disposal By Lab ☐ Archive For _____ Months

Deliverable Requested: I, II, III, IV, Other (specify)

Special Instructions/QC Requirements: Please Reference Job # 240-112640-40079.1.02.23.094

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:

	Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
1	[signature]	10/20/23 1400	Aecom	[signature]	10-21-23 950	EC
2	Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
3	Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company

Custody Seals Intact: Δ Yes Δ No	Custody Seal No.:	Cooler Temperature(s) °C and Other Remarks:

Ver: 06.08.2021

Eurofins Cleveland
180 S. Van Buren Avenue
Barberton, OH 44203
Phone: 330-497-9396 Fax: 330-497-0772

Chain of Custody Record

eurofins | Environment Testing

Client Information	Sampler: C. Hoppers / S. Connelly	Lab PM: Johnson, Opal	Carrier Tracking No(s):	COC No: 240-112640-40079.2
Client Contact: Ms. Ann Marie Kropovitch	Phone: 585-317-6137	E-Mail: Opal.Johnson@et.eurofinsus.com	State of Origin: NY	Page: Page 2 of 2
Company: AECOM	PWSID:	Analysis Requested		Job #:
Address: 50 Lakefront Bouelvard Suite 111	Due Date Requested: STD			Preservation Codes: A - HCL; B - NaOH; C - Zn Acetate; D - Nitric Acid; E - NaHSO4; F - MeOH; G - Amchlor; H - Ascorbic Acid; I - Ice; J - DI Water; K - EDTA; L - EDA; M - Hexane; N - None; O - AsNaO2; P - Na2O4S; Q - Na2SO3; R - Na2S2O3; S - H2SO4; T - TSP Dodecahydrate; U - Acetone; V - MCAA; W - pH 4-5; Y - Trizma; Z - other (specify); Other:
City: Buffalo	TAT Requested (days):			
State, Zip: NY, 14202	Compliance Project: Δ Yes Δ No			
Phone: 716-923-1137(Tel)	PO #: 143920, Line 14			
Email: ann.marie.kropovitch@aecom.com	WO #:			
Project Name: BP Sanborn - Fall Event	Project #: 24017387			
Site:	SSOW#:			

Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	8260D - (MOD) TCL OLM03.1/4.2 Volatile Analyte L	8260D - TRIP BLANK	Total Number of containers	Special Instructions/Note:
			Preservation Code:				A	A		
B-38M	10/19/23	1040	G	Water			X		3	
B-38M-MS	10/19/23	1040	G	Water			X		3	
B-38M-MSD	10/19/23	1040	G	Water			X		3	
B-21M	10/19/23	1140	G	Water			X		3	
B-22M	10/19/23	1250	G	Water			X		3	
B-28M	10/19/23	1335	G	Water			X		3	
B-23M	10/19/23	1440	G	Water			X		3	
B-9M	10/20/23	0930	G	Water			X		3	
B-6M	10/20/23	1040	G	Water			X		3	
B-8M	10/20/23	1120	G	Water			X		3	
Trip Blank	10/20/23	—	G	Water				X	2	

Possible Hazard Identification
☒ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
☐ Return To Client ☒ Disposal By Lab ☐ Archive For _____ Months

Deliverable Requested: I, II, III, IV, Other (specify)

Special Instructions/QC Requirements: Please Reference Job # ~~60481767~~ 102.23.09H

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:

	Relinquished by:	Date/Time	Company	Received by:	Date/Time:	Company
	[signature]	10/20/23 @ 1400	Aecom	[signature]	10-21-23 950	EC
	Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
	Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company

Custody Seals Intact: Δ Yes Δ No	Custody Seal No.:	Cooler Temperature(s) °C and Other Remarks:

Ver: 06/08/2021

Eurofins – Cleveland Sample Receipt Form/Narrative
Barberton Facility

Login # :_____

Client AECOM Site Name_____

Cooler unpacked by:

Cooler Received on 10-21-23 Opened on 10-21-23

FedEx: 1st Grd Exp UPS FAS Waypoint Client Drop Off Eurofins Courier Other

Receipt After-hours: Drop-off Date/Time_____ Storage Location_____

Eurofins Cooler # EC Foam Box Client Cooler Box Other_____

Packing material used: Bubble Wrap Foam Plastic Bag None Other_____

COOLANT: Wet Ice Blue Ice Dry Ice Water None

1. Cooler temperature upon receipt ☐ See Multiple Cooler Form

IR GUN # 21 (CF 0.2 °C) Observed Cooler Temp. 4.4 °C Corrected Cooler Temp. 4.2 °C

2. Were tamper/custody seals on the outside of the cooler(s)? If Yes Quantity_____	Yes (No)
-Were the seals on the outside of the cooler(s) signed & dated?	Yes No (NA)
-Were tamper/custody seals on the bottle(s) or bottle kits (LLHg/MeHg)?	Yes (No)
-Were tamper/custody seals intact and uncompromised?	Yes No (NA)
3. Shippers' packing slip attached to the cooler(s)?	(Yes) No
4. Did custody papers accompany the sample(s)?	(Yes) No
5. Were the custody papers relinquished & signed in the appropriate place?	(Yes) No
6. Was/were the person(s) who collected the samples clearly identified on the COC?	(Yes) No
7. Did all bottles arrive in good condition (Unbroken)?	(Yes) No
8. Could all bottle labels (ID/Date/Time) be reconciled with the COC?	(Yes) No
9. For each sample, does the COC specify preservatives (Y/N), # of containers (Y/N), and sample type of grab/comp(Y/N)?	
10. Were correct bottle(s) used for the test(s) indicated?	(Yes) No
11. Sufficient quantity received to perform indicated analyses?	(Yes) No
12. Are these work share samples and all listed on the COC?	Yes (No)
If yes, Questions 13-17 have been checked at the originating laboratory.	
13. Were all preserved sample(s) at the correct pH upon receipt?	Yes No (NA) pH Strip Lot# HC316719
14. Were VOAs on the COC?	(Yes) No
15. Were air bubbles >6 mm in any VOA vials? ● ← Larger than this.	Yes (No) NA
16. Was a VOA trip blank present in the cooler(s)? Trip Blank Lot #_____	(Yes) No
17. Was a LL Hg or Me Hg trip blank present? _____	Yes (No)

Tests that are not checked for pH by Receiving:

VOAs
Oil and Grease
TOC

Contacted PM _____ Date _____ by _____ via Verbal Voice Mail Other

Concerning _____

18. CHAIN OF CUSTODY & SAMPLE DISCREPANCIES ☐ additional next page

Samples processed by:

19. SAMPLE CONDITION

Sample(s) _____ were received after the recommended holding time had expired.

Sample(s) _____ were received in a broken container.

Sample(s) _____ were received with bubble >6 mm in diameter. (Notify PM)

20. SAMPLE PRESERVATION

Sample(s) _____ were further preserved in the laboratory.

Time preserved: _____ Preservative(s) added/Lot number(s):_____

VOA Sample Preservation - Date/Time VOAs Frozen: _____

Part # 159470-434 MTW EXP 11/23 ••

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TestAmerica

ORIGIN ID:CAKA (716) 540-6464
EMILY AU
AECOM
50 LAKEFRONT BOULEVARD
SUITE 111
BUFFALO, NY 14202
UNITED STATES US

SHIP DATE: 18JUL23
ACTWGT: 10.00 LB MAN
CAD: 0562065/CAFE3709

TO LANCE HERSHMAN
EUROFINS TESTAMERICA BARBERTON
180 S VAN BUREN
BARBERTON OH 44203
(330) 312-0176
REF: S240 - 103391

RMA:

FedEx Express

E

SATURDAY
PRIORITY OVERN

442

OH-US C

EXP 06/24

FedEx
TRK# 0221 6549 1090 3278

XO CAKA

AECOM
50 Lakefront Drive
Suite 111
Buffalo, New York 14202
www.aecom.com

716 856 5636 tel
716 856 2545 fax

Memorandum

To	James Kaczor	Page	1
CC			
Subject	Analytical Data Review BP- Sanborn Site October 2023 Groundwater Sampling Event		
From	Ann Marie Kropovitch		
Date	November 16, 2023		

Eighteen groundwater water samples, one field duplicate, and one trip blank were collected from the BP – Sanborn Site on October 18 thru 20, 2023 by AECOM and sent to Eurofins Laboratories, Inc. (Canton OH) for analysis. The samples were received by the laboratory intact, properly preserved, and under proper chain-of-custody (COC). The samples were analyzed for volatile organic compounds (VOCs) by USEPA Method 8260C. The analytical results were provided in Eurofins report number 240-175103-1.

In accordance with the *Site Management Plan*, a limited data review was performed on all samples for completeness of deliverables, and for compliance with method criteria, which includes reporting limits (RL), holding times, method blanks, surrogate recoveries, internal standard recoveries, MS/MSD recoveries, and laboratory control sample (LCS) recoveries.

All samples were analyzed within holding times, with compliant surrogate, internal standard MS/MSD and LCS recoveries.

Several samples were only analyzed at a dilution due to the high concentration of target compounds. The RLs for the non-detect compounds are the lowest achievable at the diluted level. Results reported by the laboratory with a 'J' qualifier have concentrations between the method detection limit and RL. Those results being reported from a secondary dilution (where an undiluted or lesser dilution analysis was performed initially) have been qualified 'D.'

Methylene chloride was detected in the Trip Blank. Since all samples were non-detect for methylene chloride no qualification of the sample results were necessary.

The percent recovery of cis-1,2-dichlorethene was slightly greater than the QC limit in sample B-38 matrix spike duplicate. The %R of this compound was acceptable in the matrix spike and the laboratory control sample. No qualification has been added to the sample results.

The relative percent differences between the parent sample B- 3M/field duplicate DUP-20231018 were acceptable (i.e., < 25%), therefore no data qualification was necessary.

All data are usable as reported.