



Environment

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2019 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.

2019 Periodic Review Report Groundwater Remediation Program Former Carborundum Facility, 2040 Cory Drive, Sanborn, NY NYSDEC Site No. 932102

Submitted to:

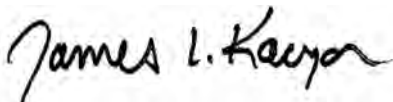
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Division of Hazardous Waste Remediation
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List of Acronyms

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	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., AECOM Technical Services, Inc. (AECOM) is submitting this 2019 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 21, 2019 to Mr. Randal Coil. 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 30, 2020. 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, 2019. As part of the OM&M activities, semi-annual groundwater sampling is conducted in Spring and Fall.

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 on the northernmost parcel was completed in November 2011. 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 and groundwater remediation through permitted recovery and treatment. The recovery and treatment systems are operated 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 2019, 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.

Sumps contained within three vaults in the Metaullics facility were connected to the GRS in 2012. The vault water collection and conveyance (VWCC) system was brought online on June 12, 2012. The GRS is being operated with goals to provide onsite hydraulic containment and to prevent offsite migration of groundwater containing dissolved VOCs. Coinciding with the removal of two furnaces at the facility, Vault #2 was permanently filled in and ceased pumping activities in September 2017.

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 2019 and Semi-annual - Fall 2019 groundwater sampling events represented the 118th and 119th monitoring events since periodic groundwater sampling began.

2.0 Groundwater Remediation System

During 2019, 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 2019, and discuss its effectiveness, as well as planned future activities.

2.1 Operations, Monitoring, and Maintenance

In 2019, 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 2019.

Recovery wells PW-3 and P-2 were turned off in July 2018 and August 2018, respectively, to accommodate performance of the PW-3 Pilot Study. P-2 was restarted in late September 2019, and PW-3 was restarted in mid-October 2019. (refer to Section 2.2 for additional discussion).

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, and lawn care/snow removal from parking areas and driveways. Applicable monitoring and analytical equipment were calibrated per the manufacturer's specifications.

The following non-routine OM&M activities were performed for the GRS during 2019:

- Serviced backflow preventer at public water supply connection to replace O-rings and gaskets and successfully passed annual backflow prevention test;
- Replaced bag filters associated with VWCC portion of GRS on eleven occasions;
- Performed backwash of carbon beds on ten occasions;
- Replaced pre-carbon bag filters for GRS on four occasions;
- Performed maintenance of containment sump pump in treatment building on one occasion;
- Performed air stripper cleaning on two occasions;
- Performed calibration check and maintenance on the stripper level indicator on one occasion;
- Replaced level transducer at P-2 on one occasion;
- Replaced level transducer at P-4 on one occasion;
- Replaced level transducer at PW-3 on one occasion;
- Removed, cleaned, and replaced flowmeter at P-4 on one occasion;
- Replaced the flowmeter at P-2 on one occasion;

- Replaced the heater at PW-3 on one occasion;
- Replaced the motor/pump couplers on the air stripper effluent pumps on one occasion;
- Performed maintenance on the PW-1 piping system on one occasion; and,
- Replaced the Site computer.

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

2.2 System Performance in 2019

Table 2 summarizes the GRS performance and system up-time. Excluding downtime for wells P-2 and PW-3 associated with the PW-3 Pilot Study, the combined average system up-time, based on operational hours relative to total hours, was approximately 96% during 2019. Up-times for individual wells during 2019 was 95% at PW-1, P-3, and P-4; uptimes at P-2 and PW-3 were 26% and 18%, respectively because PW-3 and P-2 were shut down in July 2018 and August 2018, respectively, to accommodate the PW-3 Pilot Study injection test. P-2 was restarted in September 2019 and PW-3 was restarted in October 2019. Downtime due to computer failure and replacement in August and September 2019 is the main cause of the rest of the downtime in the year for all wells. Up-time for the VWCC system for 2019 was 99%.

GRS performance in 2019 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 2019 and OM&M plans for 2020 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 2019. 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, coupled with the pilot injections in the area of PW-3, facilitated migration control and continuous source control throughout the period. Potential impacts to offsite areas were limited by up-times of 95% at wells PW-1, P-3, and P-4. Based on 2019 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), September (3Q), and October (4Q) 2019. The September 2019 groundwater elevations were collected when the collection wells were off due to system maintenance (replace site computer), and as such represent static, non-pumping conditions. The October 2019 groundwater elevation measurements were collected after the collection system restart to demonstrate hydraulic control had been established. Potentiometric surface plots for the TOR and Zone 1 in 2019 (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 to 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. Approximately 20.1 million gallons of groundwater were extracted by the wells and sumps in the GRS during 2019, yielding approximately 581.3 pounds of extracted VOCs. The average GRS recovery rate for 2019 was approximately 38.1 gallons per minute (gpm) as measured at the SPDES effluent flow meter. These data indicate that the GRS continued to remove dissolved constituents in groundwater during 2019.

Plots of concentration versus time for site monitoring wells and pumping wells are presented in Appendix B. The historical analytical database presenting VOC data for site monitoring wells and pumping wells is presented in Appendix C. 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 38.1 gpm in 2019. During 2019, 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 D). All analytical results were compliant with the SPDES permit. Additional information regarding 2019 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 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 to 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 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 GRS, the following activities are planned for 2020:

- 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.
- Downgradient chemical concentrations will continue to be evaluated to gauge the effectiveness of hydraulic control.
- Continue to update the site conceptual model. The revised site conceptual model will be used to re-evaluate the pump and treat alternative used at the site and consider other potential alternatives.
- Water entering the remaining two sumps within Metaullics operations is managed through the VWCC. Backup systems (pumps and level controls) and additional monitoring, such as oil detection, will be evaluated for possible installation, if necessary.

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 2019, 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 2019, the site is a Conditionally Exempt Small Quantity Generator. Waste handling and disposal was completed in accordance with NYSDEC requirements and will be documented by AECOM in the 2019 Annual Hazardous Waste Report to be submitted to NYSDEC prior to March 1, 2020. The 2018 Annual Hazardous Waste Report was submitted by AECOM to NYSDEC on February 28, 2019.

3.2 Personal Protective Equipment

During 2019, 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 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, no hazardous GRS material was transported offsite for disposal. It is anticipated that one drum of filter bags and PPE will be disposed in 2020.

No spent carbon adsorption material was changed out or shipped in 2019.

3.4 Onsite Soil Management

There was one event of soil excavation at the facility in 2019. AECOM performed limited monitoring in accordance with the NYSDEC-approved June 2016 Air Monitoring and Soil Management Plan. The excavation work was unrelated to the GRS OM&M.

In October 2019, Pyrotek and its subcontractors performed excavation work in preparation to create additional covered storage and office space in the southwest corner of the Pyrotek manufacturing building. The new space required installation of a concrete slab and "walling off" and "roofing over" a courtyard area of approximately 35 feet by 50 feet. The courtyard area is currently surrounded on 3 sides by the existing manufacturing building. Shallow soil excavation activities included grading for the

new covered area concrete slab and excavation of footers for the new concrete slab and wall supports. Excavation work consisted of shallow soil excavation (typically less than 2 feet below ground surface), grading for drainage, and a few discrete areas of excavation to approximately 4 feet below ground surface for column footers for the new walls.

The work zones and excavated soils took place in an area of minimal historical impacts, with previously imported clean fill. The excavations were periodically monitored for visual and olfactory signs of contamination. During the soil excavation activity, no visual or olfactory signs of contamination were present. Excavated soils not used for backfilling were placed at the existing soil management stockpile west of the Metaullics building.

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 001A, 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, 2019). A copy of the SPDES Permit is provided in Appendix D. 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 the phenol samples which were analyzed by ALS Environmental (ALS) in Rochester, New York.

The analytical results were compliant with the SPDES permit conditions. There were no noncompliant sampling events in 2019.

4.2 Air Registration

In 2019, 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. The completed 2019 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 manufacturer's recommended maintenance procedures or by the manufacturer. Calibration records are kept on file at the Site.

On January 11, 2018, AECOM prepared and submitted on behalf of Elm Holdings Inc. a work plan entitled *PW-3 Injection Pilot Study Work Plan*, for completing a pilot study to evaluate enhancements to the groundwater control and extraction and treatment program at the Site. The PW-3 Pilot Study was proposed to determine if the injectate sodium permanganate could help reduce remnant VOC concentrations at select areas of the Site. The PW-3 Pilot Study area was located in a 6,000 square foot area east of PW-3 and north of the Metaullics manufacturing building. On January 17, 2018 the work plan was approved in an electronic mail from NYSDEC to AECOM. The pilot injections were performed between July 18 and 25, 2018. The results of the PW-3 Pilot Study, including the results of post-injection groundwater monitoring at 30, 60, 90, and 180 days (i.e., through January 2019). The results of the PW-3 Pilot Study were presented in a letter report to the NYSDEC entitled *PW-3 Injection Pilot Study Summary Report* on March 21, 2019.

On January 25, 2018, the NYSDEC sent a letter directing a repeat of storm and sanitary sewer sampling that was completed in 2008 and 2009 at the Site. On February 28, 2018, AECOM prepared and submitted a work plan to NYSDEC Division of Water on behalf of Elm Holdings Inc. entitled *2018 Storm and Sanitary Sewer Water Sampling Work Plan (updated Revised Scope of Work for Investigation of Storm and Sanitary Sewer Water)*. The repeat sampling was requested to evaluate if groundwater infiltration into storm or sanitary sewer lines may be influencing downstream VOCs in those lines and to determine the effectiveness of the removal of vault sump discharge into the sanitary sewer. The sampling was scheduled to be completed after PW-3 Pilot Study injections and monitoring. The storm and sanitary sewer water sampling were completed on August 29, 2019. Sample locations were consistent with the 2008/2009 sampling program except for the vault sumps (not included in the Work Plan because vault sump discharge is now managed by the VWCC system and GRS) and CB-2 (included in the Work plan but was dry at the time of sampling). The results from the sampling were detailed in a separate letter report to the NYSDEC Division of Water entitled *August 2019 Storm and Sanitary Sewer Water Investigation Sampling Results* dated September 25, 2019. On November 4, 2019, NYSDEC Division of Water responded via email and requested an additional round of sampling be performed Spring 2020 during higher groundwater elevation conditions (i.e., at or above the sewer elevation).

On April 27, 2018 the NYSDEC sent a letter directing sampling for emerging contaminants 1,4-dioxane and per- and polyfluoroalkyl substances (PFAS) at the Site. AECOM prepared a work plan which was submitted to the NYSDEC on behalf of Elm Holdings Inc. on June 23, 2018. The work plan was approved in an electronic mail to AECOM on June 26, 2018. The emergent contaminant sampling for PFAS and 1, 4-dioxane was completed in September 2018, concurrent with the Fall 2018 semi-annual sampling event. Results of the emergent contaminant sampling were detailed in a separate letter report to the NYSDEC entitled *Revised Summary of Emerging Contaminants Groundwater Sampling* dated March 28, 2019.

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 2019 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, September, and October) in 2019. 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 (April 3 through April 10, 2019) and Fall (November 20 through November 22, 2019) according to the semi-annual sampling schedule in effect at the beginning of 2019 (Table 4).

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 possible in-situ treatment technology pilot study or change in VOC source concentrations warrants additional MNA data collection.

The monitoring and laboratory data associated with the Spring 2019 and Fall 2019 sampling events have been incorporated into the project database.

During the 2019 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, 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 (utilizing a purge pump to collect three to five volumes and low-flow purge methods when collecting MNA parameters) 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 2019

The Spring 2019 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 April 3 and April 10, 2019. The 35 wells were all sampled using low-flow methodology; the six recovery wells, tank T-002, and the quarry pond were grab sampled (see Table 4). 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 2019 Groundwater Remediation Program Monitoring Report, Former Carborundum Facility, 2040 Cory Drive, Sanborn, NY, NYSDEC Site No. 932102* (AECOM, 2019). Spring 2019 VOC analytical results are summarized in Table 6 and Figures 11 and 12.

Fall 2019

The Fall 2019 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). Also, this round, three additional locations, not typically included in the fall sampling (B-8M, PS-02, B-17M) were sampled for select site VOCs and select MNA parameters (nitrate, sulfate, iron II, iron III, TOC, and manganese), and PW-4 was also sampled for the MNA parameters. These wells are in the area or downgradient of the PW-3 Pilot Study. The groundwater sampling was completed from November 20 to 22, 2019. Field parameter data collected during the sampling event are provided in Table 7. Field logs are presented in Appendix E. The samples were received by the laboratory intact, properly preserved, and under proper COC. The samples were analyzed for VOCs by USEPA Method 624.1, iron and manganese by USEPA Method 6010C, nitrate and sulfate by USEPA Method 300.0 and total organic carbon (TOC) by Standard Method 5310. As mentioned above, not all samples were analyzed for metals, nitrate, sulfate and TOC. The analytical results were provided in TestAmerica report numbers, 240-122631-1, 240-122631-2 and 240-122893-1. November 2019 VOC analytical results are summarized in Table 8 and Figure 13; the analytical laboratory reports are presented in Appendix F.

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 summary determined:

- VOCs were analyzed by USEPA Method 624.1 instead of 8260C due to a log-in error on the chain-of-custodies. While there are differences in the QA/QC requirements between the methods, these differences do not affect the usability of this data.
- All samples were analyzed within holding times, with compliant surrogate, internal standard and LCS recoveries.
- Trichloroethene (TCE) was detected in method blanks and a trip blank. For sample results greater than the RL, the laboratory applied 'B' qualifier was crossed out because the associated method blank and trip blank results were below the RL. The laboratory applied 'B' qualifier was crossed out for the trip blank because blanks may not be qualified due to contamination in another blank. TCE results in samples B-9M, B-21M, and B-28M were qualified non-detect (U).
- The laboratory applied 'F1' qualifier was crossed out for TCE in sample PW-1 because the sample concentration was greater than the spiked amount in the MS/MSD.
- 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.
- The relative percent differences between the parent sample B-38M and its field duplicate FD-112019 were acceptable (i.e., < 25%), therefore no data qualification was necessary.
- Results qualified U are considered to be non-detect. All other data are usable as reported.
- Results were qualified J if the result is less than the reporting limit but greater than or equal to the method detection limit, and the concentration is an approximate value.

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 2019 is generally consistent with historical trends. The concentrations for each 2019 sampling event are provided on isocontour maps presented in Figures 11 through 13¹. The Fall 2019 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 to first T-001 located outside the Metaullics building, and then to T-002 in the GRS building. A

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 C historical data summaries, which lists only the original sample, not its duplicate. The summaries in Appendix C were used to develop the discussion of Groundwater Quality in this report section.

grab sample of purge water was collected from T-002 in April 2019 and November 2019. A summary of analytical data is presented in Table 6 (Spring 2019) and Table 8 (Fall 2019).

TCE, cis-1,2-DCE, and VC were detected in both the Spring 2019 and Fall 2019 samples above the median of the respective historical ranges for each compound. Total VOCs in Spring 2019 (1,365 µg/L) and Fall 2019 (1,252 µg/L) were above historical average. See Appendix C for a summary of historical analytical data.

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 1,000 µg/L. Wells in which groundwater concentrations of one or more VOCs were above 1,000 µg/L during 2019 or 2019 VOC concentrations were different than previous results are listed below:

Top of Rock and Zone 1

- B-8M is typically not sampled in the fall; however, B-8M was sampled for VOCs and select MNA parameters for additional information following the PW-3 Pilot Study in conjunction with the Fall 2019 sampling event. Detailed results for the PW-3 Pilot Study were provided to NYSDEC in a letter report dated March 21, 2019. Post injection monitoring data are included in Appendices C and D.
 - o TCE – TCE has been observed at an average concentration of approximately 41,000 µg/L since January 2001. The September 2019 TCE result of 7,500 µg/L is less than the Spring 2019 result of 12,000 µg/L and consistent with a generally decreased concentration following the low observed during the PW-3 Pilot Study (1,500 µg/L, September 2018). The Spring and Fall 2019 results remain below the long-term average.
 - o Total 1,2-DCE – Total 1,2-DCE concentration in Fall 2019 of 4,000 µg/L was lower than the Spring 2019 result of 8,900 µg/L. The post-PW-3 Pilot Study data for 2018 and the Spring and Fall 2019 data represent a general increase compared to pre-PW-3 Pilot Study long-term average for this location. The ratio of Total 1,2-DCE to TCE has also increased following the Pilot Study, indicating a potential relationship to the Pilot Study; this trend will continue to be monitored and evaluated.
- B-13M (sampled Spring only)
 - o B-13M is located adjacent to and hydraulically controlled by recovery well P-4.
 - o TCE – TCE concentration of 940 µg/L is an increase as compared to Spring 2018 (540 µg/L) and is at the upper end of the long-term range for this location.
 - o Total 1,2-DCE – Total 1,2-DCE concentration of 980 µg/L is an increase compared to Spring 2018 (440 µg/L) and is at the upper end of the long-term average range for this location.
- B-17M
 - o B-17M is located adjacent to and hydraulically controlled by recovery well PW-1.
 - o TCE – The Fall 2019 TCE concentration of 3,400 µg/L and Spring 2019 TCE concentration of 4,700 µg/L were slightly below the long-term average at this location.

- o Total 1,2-DCE – Total 1,2-DCE concentration of 5,000 µg/L is less than the Spring 2019 concentration of 8,300 µg/L and is below the long-term average for this location.
 - o Total VOCs – The overall trend for total VOCs in groundwater at this location is decreasing.
- P-2
 - o Recovery well P-2 was turned off between August 2018 and September 2019 for the PW-3 Pilot Study to minimize the potential for drawing injectate away from the PW-3 study area. 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 B.
 - o TCE – Spring and Fall 2019 TCE concentrations (43 µg/L and 110 µg/L, respectively) were some of the lowest results observed over time at this location, well below the average at this location over the past decade.
 - o Total VOCs – Total VOC concentrations in Spring 2019 (59 µg/L) and Fall 2019 (128 µg/L) were below the historical average over the past decade (approximately 5,000 µg/L) at this location. As noted above, the relationship between groundwater elevation and VOC concentrations will continue to be evaluated.
- P-4
 - o TCE – The TCE concentrations in Spring 2019 (1,500 µg/L) and Fall 2019 (2,100 µg/L) were consistent with previous results and slightly above the average over the last decade.
 - o Total 1,2-DCE – Total 1,2-DCE concentrations in Spring 2019 (370 µg/L) and Fall 2019 (500 µg/L) were consistent with previous semi-annual results.
 - o Total VOCs – The total VOCs concentrations in Spring 2019 (1,961 µg/L) and Fall 2019 (2,672 µg/L) were consistent with recent results and within the historical range.
- PW-1
 - o TCE – The TCE concentrations in Spring 2019 (1,800 µg/L) and Fall 2019 (4,500 µg/L) were above average but within the historical range of results of the past decade. Concentrations at this location are noted to be variable.
 - o Total 1,2-DCE – The 1,2-DCE concentrations in Spring 2019 (430 µg/L) and Fall 2019 (840 µg/L) are within the typical range observed at this location. Concentrations at this location are noted to be variable.
 - o Total VOCs – Total VOCs in Spring 2019 (2,258 µg/L) and Fall 2019 (5,391 µg/L) increased compared to the recent historical range at this location. Since 2001, there appeared to be a decreasing trend in total VOC concentrations in this recovery well, which is not continued in this year's total VOC results.
- PW-3
 - o Recovery well P-W-3 was turned off between July 2018 and October 2019 for the PW-3 Pilot Study area to minimize the potential for drawing injectate into the groundwater treatment system. A strong correlation between reduced VOC concentrations during and after the PW-3 Pilot Study can be seen in the time series plot in Appendix B.

- o TCE – Spring 2019 TCE concentration of 95 µg/L was one of the lowest observed at this location. The Fall 2019 concentration of 390 µg/L is also well below historical average in the last decade (approximately 1,200 µg/L).
 - o Total 1,2-DCE – The Spring 2019 total 1,2-DCE concentration of 430 µg/L and the Fall 2019 concentration of 140 µg/L were below the recent average for this location.
 - o Total VOCs – Total VOCs concentration of 655 µg/L in Spring 2019 and 545.5 µg/L in Fall 2019 were among the lowest observed at this location. The relationship between total VOC concentrations and the PW-3 Pilot Study will continue to be evaluated.
- PW-4
 - o Total VOCs – Spring 2019 total VOCs concentration of 27 µg/L is consistent with Spring 2017 (22 µg/L) and Spring 2018 (15 µg/L) results as well as below the long-term average at this location. The Fall 2019 total VOCs concentration of 103 µg/L is within the historical range. 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. Overall, there is a decreasing trend of total VOC concentration at this location.

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. The wells sampled from Zones 3 and 4 in Spring 2019 were consistent with historical results. The Fall 2019 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)
 - o TCE – Spring 2019 TCE concentration (3.3 µg/L) was consistent with Spring 2018 (3.6 µg/L).
 - o Total 1,2-DCE – Spring 2019 total 1,2-DCE concentration of 1 µg/L was consistent with previous results.
 - o Total VOCs – Spring total VOCs concentration of 4.4 µg/L was the lowest observed at this location since October 2011.
- B-46M (sampled Spring only)
 - o TCE – Spring 2019 TCE concentration (55 µg/L) was the highest observed at this location.
 - o Total VOCs – Total VOCs concentration of 99 µg/L was above Spring 2018 (49 µg/L) and above the long-term average at this location.

- B-50M
 - o TCE – TCE concentrations in Spring 2019 (88 µg/L) and Fall 2019 (130 µg/L) were elevated over the long-term average for the location, but similar to concentrations within the past few years.
 - o Total 1,2-DCE – Total 1,2-DCE concentrations in Spring 2019 (26.7 µg/L) and Fall 2018 (30.1 µg/L) were within the range typically observed.
 - o Total VOCs – Total VOCs concentrations in Spring (115 µg/L) and Fall 2019 (160 µg/L) were slightly elevated within the range typically observed. Total VOCs at this location have averaged 100 µg/L since Spring 2007.
- B-56M (Sampled Spring only)
 - o TCE – Spring 2019 TCE concentration (150 µg/L) was above the long-term average of TCE concentrations observed at this location.

Zone 3

- B-18M (sampled Spring only)
 - o Well B-18M is located within the PW-3 Pilot Study area. B-18M exhibited decreasing concentrations of cis-1,2-DCE and vinyl chloride 30 days post-injection as compared to baseline (April 2018), with an increasing trend to long-term concentrations 60 days (September 2018) to 180 days (January 2019) post-injection.
 - o TCE – Spring 2019 TCE concentration of non-detect was consistent with the long-term trend of non-detect. During the PW-3 Pilot Study, a result of 40 µg/L was observed at the 180 day (January 2019) post-injection sampling. The return to the long-term trend of non-detect will continue to be monitored.
 - o Total 1,2-DCE – Spring 2019 total 1,2-DCE concentration of 101.9 µg/L was at the upper end of the long-term range at this location. The return to the long-term average (approximately 40 µg/L) will continue to be monitored at this location.
 - o Total VOCs – Total VOCs concentration of 130 µg/L was above the long-term average (50 µg/L) at this location. The return to the long-term average will continue to be monitored at this location.

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 April 5, 2019 and November 20, 2019.

Chloroform was detected at an estimated concentration of 0.18 µg/L in the sample from the quarry pond in Spring 2019. No analytes were identified above the analytical detection limits in the samples from the quarry pond in Fall 2019. These results are consistent with historical results. In previous communications with the land owner, 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 2020.

5.3 Future Sampling and Analysis

Scheduled activities for the 2020 annual period include the following:

- NYSDEC Division of Water requested resampling of the storm and sanitary sewers as detailed in the February 2018 work plan during a high groundwater elevation event. This sampling will be performed in Spring 2020 after seasonal snow melt has occurred.
- Quarterly water level measurements in monitoring and recovery wells.
- 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 have been suspended until further remediation or regulatory guidance suggests MNA is necessary.

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 November 2019. 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 2019, 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 2019 annual period is shown below (includes both onsite and offsite support time):

- | | |
|---|-------|
| • Total Site Labor Hours Worked (AECOM): | 2,239 |
| • Total Hours without accident, incident, or release: | 2,239 |
| • 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, 2019. The IC/EC Certification Form documenting that site management requirements have been met during the period is provided in Appendix A of this report.

- 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.
- Collection of water from the two remaining sumps at the Metaullics facility remains operational.

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 and will include the groundwater monitoring program presented in Table 5 of this PRR. The SMP will be completed using the most recent NYSDEC SMP template.

8.0 References

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NYSDEC, 1991b. *Order On Consent, Site #932102, Index #B9-0229-88-07*, December 1991.

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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	0.5 hp - 5 gpm	26.4	24.4	21.9	On Off	18.9 21.9	3.0
P-3	9/13/2010	0.5 hp - 5 gpm	33.7	31.7	30	On Off	26.2 30.0	3.8
P-4	9/13/2010	0.5 hp - 5 gpm	34.2	34.2	30.2	On Off	26.7 30.2	3.5
PW-1	9/13/2010	1.5 hp - 25 gpm	29.8	29.8	24.8	On Off	21.8 24.8	3.0
PW-3	9/13/2010	0.5 hp - 5 gpm	18.2	18.2	14.2	On Off	10.2 14.2	4.0
PW-4	9/13/2010	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

Table 2

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

Well	Category	Units	January 2019	February 2019	March 2019	April 2019	May 2019	June 2019	July 2019	August 2019	September 2019	October 2019	November 2019	December 2019	Annual Total 2019
		Days	31	28	31	30	31	30	31	31	30	31	30	31	365
P-2	Uptime	(%)	0%	0%	0%	0%	0%	0%	0%	0%	20%	99%	99%	99%	26%
	Average Flow	(gpm)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.1	1.1	3.3	0.6
	Total Flow	(gal)	0	0	0	0	0	0	0	0	10	137,611	49,462	145,089	332,172
	VOC Concentration	(ppb)	2,056	2,056	2,056	59	59	59	59	59	59	59	128	128	NA
	Total Contaminant removed	(lbs)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.2	0.3
	% of Total Flow		0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	3.97%	2.22%	5.16%	0.95%
P-3	Uptime	(%)	99%	99%	99%	99%	99%	99%	99%	99%	53%	99%	99%	99%	95%
	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
	Total Flow	(gal)	1563	1376	1,358	1,928	1,182	1,327	964	666	418	921	905	1,053	13,661
	VOC Concentration	(ppb)	44	44	44	38	38	38	38	38	38	38	32	32	NA
	Total Contaminant removed	(lbs)	0.0006	0.0005	0.0005	0.0006	0.0004	0.0004	0.0003	0.0002	0.0001	0.0003	0.0002	0.0003	0.0
	% of Total Flow		0.05%	0.07%	0.07%	0.06%	0.06%	0.06%	0.03%	0.03%	0.05%	0.03%	0.04%	0.04%	0.05%
P-4	Uptime	(%)	99%	99%	99%	99%	99%	99%	99%	99%	53%	99%	99%	99%	95%
	Average Flow	(gpm)	1.5	1.6	0.9	1.4	1.1	1.0	0.6	0.6	0.3	1.0	0.3	1.7	1.0
	Total Flow	(gal)	67,887	64,505	41,898	59,604	50,368	45,022	27,570	27,207	13,264	46,308	13,515	75,974	533,122
	VOC Concentration	(ppb)	1,040	1,040	1,040	1,961	1,961	1,961	1,961	1,961	1,961	1,961	2,672	2,672	NA
	Total Contaminant removed	(lbs)	0.6	0.6	0.4	1.0	0.8	0.7	0.5	0.4	0.2	0.8	0.3	1.7	7.9
	% of Total Flow		2.07%	3.13%	2.13%	1.89%	2.76%	1.99%	0.97%	1.21%	1.59%	1.34%	0.61%	2.70%	1.86%
PW-1	Uptime	(%)	99%	99%	99%	99%	99%	99%	99%	99%	53%	99%	99%	99%	95%
	Average Flow	(gpm)	72.0	49.5	43.1	71.5	39.8	51.3	62.8	50.0	19.0	72.2	48.6	56.9	53.1
	Total Flow	(gal)	3,212,172	1,995,073	1,924,429	3,089,665	1,775,888	2,216,610	2,804,728	2,229,866	820,366	3,224,507	2,099,120	2,538,929	27,931,353
	VOC Concentration	(ppb)	910	910	910	2,258	2,258	2,258	2,258	2,258	2,258	2,258	5,391	5,391	NA
	Total Contaminant removed	(lbs)	24.4	15.1	14.6	58.2	33.4	41.7	52.8	42.0	15.4	60.7	94.4	114.2	567.0
	% of Total Flow		97.88%	96.80%	97.80%	98.05%	97.18%	97.95%	98.99%	98.77%	98.36%	93.14%	94.30%	90.23%	96.62%
PW-3	Uptime	(%)	0%	0%	0%	0%	0%	0%	0%	0%	0%	26%	86%	99%	18%
	Average Flow	(gpm)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.2	1.5	1.2	0.3
	Total Flow	(gal)	0	0	0	0	0	0	0	0	0	52,830	63,024	52,760	168,614
	VOC Concentration	(ppb)	2,809	2,809	2,809	660	660	660	660	660	660	660	546	546	NA
	Total Contaminant removed	(lbs)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.3	0.3	0.2	0.8
	% of Total Flow		0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	1.53%	2.83%	1.88%	0.52%
Vaults (T-002)	Uptime	(%)	99%	99%	99%	99%	99%	99%	99%	99%	99%	99%	99%	99%	99%
	Average Flow	(gpm)	1.3	1.1	1.0	1.4	1.6	0.8	0.5	0.7	1.1	1.3	0.8	1.1	1.1
	Total Flow	(gal)	56,750	46,127	43,421	59,507	71,009	35,835	22,780	31,568	45,970	55,800	35,187	47,686	551,639
	VOC Concentration	(ppb)	588	588	588	1,365	1,365	1,365	1,365	1,365	1,365	1,365	1,252	1,252	NA
	Total Contaminant removed	(lbs)	0.3	0.2	0.2	0.7	0.8	0.4	0.3	0.4	0.5	0.6	0.4	0.5	5.3
	% of Total Flow		1.73%	2.24%	2.21%	1.89%	3.89%	1.58%	0.80%	1.40%	5.51%	1.61%	1.58%	1.69%	2.18%
Well Head	Average Flow	(gpm)	74	51	44	73	41	52	63	51	19	78	52	63	55
	Total Flow-Well heads	(gal)	3,281,622	2,060,954	1,967,685	3,151,197	1,827,438	2,262,959	2,833,262	2,257,739	834,058	3,462,177	2,226,026	2,813,805	28,978,922
Groundwater Remediation System Total															
	Uptime	(%)	66%	66%	66%	66%	66%	66%	66%	66%	46%	87%	97%	99%	71%
	Average Flow	(gpm)	44.4	29.8	43.0	42.9	40.8	35.5	38.2	32.2	22.2	47.5	36.5	44.3	38.1
	Total Flow-PLC Meter	(gal)	1,980,900	1,199,600	1,920,400	1,853,900	1,821,900	1,535,000	1,704,400	1,436,700	958,278	2,119,462	1,576,565	1,978,543	20,085,648
	VOCs to Influent	(ppm)	7.4	7.4	7.4	6.3	6.3	6.3	6.3	6.3	6.3	6.3	10.0	10.0	7
	Total Contaminant Removed	(lbs)	25.2	15.9	15.2	59.8	35.1	42.9	53.5	42.8	16.2	62.5	95.4	116.7	581.3

Notes:

1. For the trailing twelve month period ending 12/31/19.
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 through the SPDES meter.
6. PW-3 shut down from July 2018 to October 2019 for injection pilot test.
7. P-2 shut down from August 2018 to September 2019 in relation to the PW-3 injection pilot test.
8. All pumping wells shut down for a period of approximately 2 weeks in September 2019 in relation to failure and reinstallation of the site operations computer.

% - percent
gpm - gallons per minute
gal - gallons
ppb - parts per billion
ppm - parts per million
lbs - pounds

Table 3

**Groundwater Elevation Data
2019 Quarterly Sampling Events
Former Carborundum Facility
Sanborn, New York**

Monitoring Well ID	Zone Monitored ¹	Top of Riser Elevation (ft)	1Q Date		2Q Date		3Q Date		4Q Date	
			3/1/2019		6/6/2019		9/5/2019		10/3/2018	
			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	4.55	615.12	4.00	615.67	7.44	612.23	19.72	599.95
P-3	1	627.35	26.19	601.16	27.20	600.15	16.73	610.62	26.32	601.03
P-4	TOR, 1	624.45	30.51	593.94	29.91	594.54	20.11	604.34	31.49	592.96
PW-1	1	619.78	15.31	604.47	14.60	605.18	10.8	608.98	16.14	603.64
PW-3	TOR	618.28	3.66	614.62	14.31	603.97	6.47	611.81	16.55	601.73
PW-4	TOR, 1	620.84	6.35	614.49	6.61	614.23	10.92	609.92	8.38	612.46
B-3M	TOR	625.59	14.55	611.04	18.59	607.00	16.77	608.82	15.96	609.63
B-4M	TOR	622.24	19.16	603.08	17.48	604.76	20.92	601.32	20.94	601.30
B-5M	TOR	620.83	6.20	614.63	12.27	608.56	10.76	610.07	7.14	613.69
B-6M	TOR, 1	615.69	4.51	611.18	4.55	611.14	7.92	607.77	6.08	609.61
B-7M	TOR	616.22	4.70	611.52	4.82	611.40	8.49	607.73	6.24	609.98
B-8M	TOR, 1	618.57	3.95	614.62	3.83	614.74	6.84	611.73	6.82	611.75
B-9M	TOR	623.03	6.87	616.16	7.15	615.88	10.68	612.35	9.58	613.45
B-10M	TOR, 1	626.05	8.38	617.67	7.98	618.07	11.67	614.38	9.57	616.48
B-11M	1	622.81	8.18	614.63	7.79	615.02	11.52	611.29	8.91	613.90
B-12M	TOR	622.17	11.07	611.10	8.62	613.55	13.12	609.05	13.22	608.95
B-13M	TOR, 1	626.70	21.08	605.62	20.71	605.99	22.36	604.34	22.66	604.04
B-14M	TOR	618.25	3.74	614.51	3.81	614.44	8.12	610.13	5.25	613.00
B-15M	TOR, 1	623.98	5.91	618.07	7.82	616.16	11.12	612.86	8.51	615.47
B-16M	TOR, 1	624.31	9.29	615.02	9.54	614.77	13.98	610.33	12.11	612.20
B-17M	TOR, 1	622.07	14.20	607.87	12.87	609.20	12.18	609.89	13.51	608.56
B-18M	3	618.69	5.25	613.44	5.50	613.19	9.61	609.08	7.20	611.49
B-19M	3	626.01	16.61	609.40	26.92	599.09	20.54	605.47	18.55	607.46
B-20M	3	615.32	5.74	609.58	5.84	609.48	9.04	606.28	7.10	608.22
B-21M	TOR, 1	622.56	7.72	614.84	7.93	614.63	12.20	610.36	9.59	612.97
B-22M	TOR, 1	622.29	20.37	601.92	20.49	601.80	24.41	597.88	23.98	598.31
B-23M	TOR, 1	617.71	20.46	597.25	19.61	598.10	22.73	594.98	22.56	595.15
B-24M	TOR, 1	617.24	9.89	607.35	9.37	607.87	12.52	604.72	11.66	605.58
B-25M	TOR	619.31	9.40	609.91	9.51	609.80	12.98	606.33	11.81	607.50
B-26M	TOR, 1	618.06	8.38	609.68	4.91	613.15	10.90	607.16	9.10	608.96
B-27M	TOR, 1	626.04	11.92	614.12	12.16	613.88	15.89	610.15	13.4	612.64
B-28M	1	622.62	21.44	601.18	20.01	602.61	23.28	599.34	23.03	599.59
B-29M	1 2	618.31	25.27	593.04	24.20	594.11	26.87	591.44	26.51	591.80
B-31M	3	613.78	6.54	607.24	6.43	607.35	8.86	604.92	7.19	606.59
B-32M	1	619.35	NM	NA	NM	NA	NM	NA	NM	NA
B-33M	1	612.43	19.44	592.99	19.26	593.17	21.26	591.17	20.71	591.72
B-37M	TOR	616.90	11.81	605.09	6.88	610.02	9.96	606.94	7.92	608.98
B-38M	1 2	609.81	27.41	582.40	27.39	582.42	27.75	582.06	27.68	582.13
B-39M	2	626.12	11.41	614.71	11.39	614.73	15.79	610.33	13.02	613.10
B-40M	3	626.23	12.12	614.11	12.31	613.92	16.53	609.70	13.99	612.24
B-41M	4	626.31	13.57	612.74	13.82	612.49	17.75	608.56	15.61	610.70
B-42M	2	623.76	9.12	614.64	9.36	614.40	13.48	610.28	10.98	612.78
B-43M	3	623.64	11.25	612.39	11.45	612.19	15.33	608.31	13.06	610.58
B-44M	4	623.29	12.89	610.40	13.19	610.10	16.21	607.08	15.28	608.01
B-45M	1	612.12	17.30	594.82	17.26	594.86	20.27	591.85	19.88	592.24
B-46M	2	613.46	19.01	594.45	18.90	594.56	21.69	591.77	21.30	592.16
B-48M	2	625.40	10.99	614.41	17.25	608.15	15.39	610.01	12.86	612.54
B-49M	4	625.56	20.39	605.17	16.27	609.29	24.37	601.19	23.10	602.46
B-50M	2	616.47	5.59	610.88	5.68	610.79	9.19	607.28	7.05	609.42
B-51M	4	616.48	NM	NA	NM	NA	NM	NA	NM	NA
B-52M	TOR, 1	616.26	5.42	610.84	5.51	610.75	9.00	607.26	6.87	609.39
B-53M	2	616.14	5.35	610.79	5.41	610.73	8.93	607.21	6.80	609.34
B-54M	4	616.00	5.42	610.58	5.51	610.49	8.94	607.06	6.98	609.02
B-55M	5	615.59	20.58	595.01	21.42	594.17	7.39	608.20	26.37	589.22
B-56M	2	617.78	20.42	597.36	26.40	591.38	23.38	594.40	22.90	594.88
B-57M	2	617.80	25.06	592.74	22.42	595.38	25.12	592.68	24.67	593.13
B-58M	3	617.99	21.04	596.95	20.90	597.09	23.37	594.62	22.13	595.86
B-59M	4	625.53	16.37	609.16	17.69	607.84	20.21	605.32	18.33	607.20
B-60M	3	625.67	10.92	614.75	11.22	614.45	15.61	610.06	12.87	612.80
B-61M	2	625.72	9.91	615.81	10.38	615.34	15.12	610.60	11.82	613.90
B-62M	5	624.14	1.91	622.23	3.11	621.03	11.15	612.99	8.67	615.47
B-63M	1	624.04	8.64	615.40	8.90	615.14	13.47	610.57	10.71	613.33
B-64M	2	624.05	8.80	615.25	9.04	615.01	13.64	610.41	10.74	613.31
B-65M	3	623.98	9.69	614.29	9.84	614.14	14.03	609.95	11.44	612.54
B-66M	2	625.54	NM	NA	10.23	615.31	15.85	609.69	11.91	613.63
B-67M	1	625.59	9.63	615.96	9.90	615.69	14.27	611.32	11.69	613.90

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

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 ^{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	-

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Notes:

1. Wells to be sampled for VOCs only. MNA parameters may be added at a later date pending refinement of site conceptual
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-33M was sampled in place of B-32M (destroyed in 2018), in the 2019 sampling events.

Table 5

Groundwater Sampling Field Parameter Data
Annual Sampling - Spring 2019
Former Carborundum Company
Wheatfield, New York

Monitoring Well ID	Date	Time	Temperature (deg C)	Specific Conductance (mS/cm)	pH (standard units)	Turbidity (NTU)	Comments
P-2	4/10/2019	10:50	8.3	0.86	8.50	2.4	Pumping well
P-3	4/10/2019	11:15	10.5	1.37	7.70	6.0	Pumping well
P-4	4/10/2019	11:30	10.8	1.82	7.69	19.4	Pumping well
PW-1	4/3/2019	14:45	13.1	0.76	7.85	2.0	Pumping well
PW-3	4/10/2019	10:30	9.3	3.38	9.25	0	Pumping well
PW-4	4/10/2019	11:05	11.9	0.88	7.93	13.6	Pumping well
B-3M	4/9/2019	13:10	10.3	2.40	7.33	0.9	
B-6M	4/4/2019	16:05	7.6	2.13	7.39	32.6	
B-7M	4/4/2019	9:47	8.0	0.92	7.57	30.3	
B-8M	4/4/2019	12:05	7.8	3.63	7.80	8.2	
B-9M	4/5/2019	14:15	6.9	0.49	7.39	13.3	
B-10M	4/5/2019	13:20	9.1	3.07	7.14	8.4	
B-11M	4/5/2019	11:25	7.6	4.19	7.20	4.0	
B-12M	4/9/2019	15:31	9.9	0.86	7.23	2.0	
B-13M	4/3/2019	13:46	9.6	0.73	7.83	18.4	
B-14M	4/4/2019	10:50	8.0	0.89	7.26	12.7	
B-16M	4/5/2019	12:22	7.7	2.12	7.60	16.4	
B-17M	4/3/2019	10:04	10.0	1.15	7.18	2.0	
B-18M	4/4/2019	12:05	11.4	0.92	7.12	2.5	
B-19M	4/9/2019	13:45	10.7	1.20	7.73	1.5	
B-21M	4/9/2019	9:48	10.1	1.02	7.03	7.2	
B-22M	4/9/2019	10:37	11.7	1.39	7.12	2.1	
B-23M	4/8/2019	14:11	11.6	0.98	7.36	6.8	
B-24M	4/8/2019	12:08	10.1	0.71	7.35	1.0	
B-28M	4/9/2019	9:45	11.3	1.11	7.20	17.4	
B-29M	4/8/2019	13:20	11.2	1.47	7.23	1.6	
B-33M	4/8/2019	15:50	10.7	1.03	7.17	7.1	
B-38M	4/8/2019	10:40	10.4	1.84	7.02	1.3	
B-39M	4/10/2019	10:35	10.5	1.20	7.22	10.3	
B-40M	4/10/2019	9:55	10.1	2.74	6.84	1.2	
B-41M	4/10/2019	9:32	11.6	0.91	7.33	6.5	
B-42M	4/3/2019	12:00	9.9	0.96	7.24	1.3	
B-43M	4/3/2019	12:05	12.5	1.88	7.18	0.6	
B-44M	4/3/2019	16:05	10.6	2.79	8.09	5.1	
B-46M	4/8/2019	15:02	11.6	1.00	7.31	1.2	
B-48M	4/9/2019	12:05	10.5	0.97	7.12	1.3	
B-49M	4/9/2019	12:05	10.9	2.40	7.14	5.4	
B-50M	4/4/2019	16:00	8.8	0.74	7.24	5.3	
B-52M	4/4/2019	14:30	7.6	1.21	7.25	4.0	
B-53M	4/4/2019	14:35	8.4	0.79	7.25	2.9	
B-56M	4/8/2019	11:28	11.1	1.31	7.20	7.1	
Tank-002	4/10/2019	11:45	12.4	2.06	7.64	17.1	Equalization tank
QUARRY	4/5/2019	10:05	5.1	1.90	6.96	0.0	Pond sample

deg C - degrees Celcius
mS/cm - milliSiemens per centimeter
NTU - nephelometric turbidity unit
NA - not applicable

Table 6

Summary of Analytical Results
Annual Sampling - Spring 2019
Former Carborundum Company
Wheatfield, 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)	total-1,2-Dichloroethene (µg/L)	1,1,1-Trichloroethane (µg/L)	Trichloroethene (µg/L)	Vinyl chloride (µg/L)	Tetrachloroethene (µg/L)
B- 3M	240-110803-15	4/9/2019	0	0	0.93 J	0	0	2 J	140	142	0	97	0.89 J	0
B- 6M	240-110627-14	4/4/2019	0	0	0	0	0	0	7.9	7.9	0	72	0	0
B- 7M	240-110627-7	4/4/2019	0	0	0	0	0	0	0.75 J	0.75	0	3.4	0	0
B- 7M (DUP-040419)	240-110627-15	4/4/2019	0	0	0	0	0	0	0.77 J	0.77	0	3.5	0	0
B- 8M	240-110627-9	4/4/2019	0	0	0	0	0	58 J	8900	8958	0	12000	120	0
B- 8M (DUP-040419)	240-110627-16	4/4/2019	0	0	0	0	0	0	7400	7400	0	11000	61 J	0
B- 9M	240-110691-5	4/5/2019	0	0	0	0	0	0	0	0	0	0.42 J	0	0.55 J
B-10M	240-110691-4	4/5/2019	0	0	0.48 J	0.19 J	0	0.25 J	2.7	2.95	2.6	18	0	0
B-11M	240-110691-2	4/5/2019	0	0	0	0	0	0	6.2	6.2	0	63	0	2.1 J
B-12M	240-110803-17	4/9/2019	0	0	8.2 J	2.2 J	0	0	49	49	54	250	0	0
B-13M	240-110627-4	4/3/2019	0	0	0	0	0	0	980	980	0	940	0	0
B-14M	240-110627-8	4/4/2019	0	0	0	0	0	0	3.4	3.4	0	29	0	0.27 J
B-16M	240-110691-3	4/5/2019	0	0	0	0	0	0	0	0	0	0.15 J	0	0
B-17M	240-110627-1	4/3/2019	0	0	82 J	0	0	0	8300	8300	0	4700	1300	0
B-18M	240-110627-10	4/4/2019	0	0	0	0	0	1.9 J	100	101.9	0	0	28	0
B-19M	240-110803-16	4/9/2019	0	0	0	0	0	0	0.8 J	0.8	0	0.31 J	0	0
B-21M	240-110803-11	4/9/2019	0	0	0	0	0	0	0	0	0	0	0	0
B-22M	240-110803-12	4/9/2019	0	0	0.3 J	0	0	1.5	44	45.5	0	13	0	0
B-23M	240-110803-7	4/8/2019	0	0	2.2 J	0	0	1.9 J	62	63.9	2.9 J	140	0	0
B-24M	240-110803-5	4/8/2019	0	0	0	0	0	0	1.4	1.4	0	5.1	0	0
B-28M	240-110803-10	4/9/2019	0	0	0	0	0	0	0	0	0	0.13 J	0	0
B-29M	240-110803-6	4/8/2019	0	0	0	0	0	0	0.43 J	0.43	0	0.11 J	0	0
B-33M	240-110803-9	4/8/2019	0	0	0	0	0	0	0	0	0	0.31 J	0	0
B-38M	240-110803-3	4/8/2019	0	0	0.78 J	0.67 J	0	0.78 J	34	34.78	0	28	1.9	0
B-39M	240-110803-20	4/10/2019	0	0	0	0	0	0	1.1	1.1	0	3.3	0	0
B-40M	240-110803-19	4/10/2019	0	0	0	0	0	0	0.75 J	0.75	0	0.69 J	0	0
B-41M	240-110803-18	4/10/2019	0	0	0	0	0	0	7.8	7.8	0	0.9 J	1	0
B-42M	240-110627-2	4/3/2019	0	0	0	0	0	0.51 J	5.6	6.11	0	4.4	0.27 J	0
B-43M	240-110627-3	4/3/2019	0	0	0.17 J	0	0	0	3.9	3.9	0	0	5	0
B-44M	240-110627-6	4/3/2019	0	0	1.5	0	0	0	1.1	1.1	0	0	7.6	0
B-46M	240-110803-8	4/8/2019	0	0	1 J	0	0	1.5 J	41	42.5	0.84 J	55	0.45 J	0
B-48M	240-110803-13	4/9/2019	0	0	0	0	0	0	0.27 J	0.27	0	0.73 J	0	0
B-49M	240-110803-14	4/9/2019	0	0	0.26 J	0	0	0	0.61 J	0.61	0	0.1 J	0	0
B-50M	240-110627-13	4/4/2019	0	0.32 J	0	0	0	1.7 J	25	26.7	0	88	0.43 J	0
B-52M	240-110627-11	4/4/2019	0	0	0	0	0	0	0.27 J	0.27	0	0	0	0
B-53M	240-110627-12	4/4/2019	0	0	0	0	0	0	2.2	2.2	0	3.9	0.34 J	0
B-56M	240-110803-4	4/8/2019	0	0	0	0	0	1.3 J	27	28.3	0	150	0	0
P- 2	240-110803-22	4/10/2019	0	0	0.87 J	0	0	0	12	12	3.1	43	0	0
P- 3	240-110803-24	4/10/2019	0	0	0.18 J	0	0	2.4	31	33.4	0	0.82 J	3.3	0
P- 4	240-110803-25	4/10/2019	0	0	28	5.5 J	0	4.6 J	370	374.6	53	1500	0	0
PW- 1	240-110627-5	4/3/2019	0	0	11 J	0	0	0	430	430	17 J	1800	0	0
PW- 3	240-110803-21	4/10/2019	0	0	0	0	0	4.8 J	430	434.8	0	95	130	0
PW- 4	240-110803-23	4/10/2019	0	0	0	0	0	0	5.7	5.7	0.55 J	21	0	0
QUARRY POND	240-110803-1	4/5/2019	0	0.18 J	0	0	0	0	0	0	0	0	0	0
T-002	240-110803-26	4/10/2019	0	0	8.9 J	2.7 J	0	4.1 J	640	644.1	0	670	36	3.5 J

µg/L - microgram per liter

ID - identification

J - Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

Table 7

Groundwater Sampling Field Parameter Data
Semi-Annual Sampling Event (Fall 2019)
Former Carborundum Company
Wheatfield, New York

Monitoring Well ID	Date	Time	Temperature (deg C)	Specific Conductance (mS/cm)	pH (standard units)	Turbidity (NTU)	Ferrous Iron (mg/L) (Field Test)	Comments
P-2	11/20/2019	11:00	11.4	0.77	7.51	4.4	NA	grab sample; Pumping well
P-3	11/20/2019	15:55	10.7	1.41	7.46	2.0	NA	grab sample; Pumping well
P-4	11/21/2019	15:45	11.4	1.13	7.42	1.9	NA	grab sample; Pumping well
PW-1	11/20/2019	14:30	12.9	0.92	7.08	1.5	NA	grab sample; Pumping well
PW-3	11/20/2019	10:00	11.5	1.71	7.42	2.7	NA	grab sample; Pumping well
PW-4	11/20/2019	8:50	15.5	0.48	7.75	6.8	0.00	Pumping well; pump off; MNA
B-3M	11/20/2019	15:50	11.2	2.01	7.52	2.9	NA	
B-6M	11/21/2019	12:40	11.1	1.64	7.19	7.0	NA	
B-8M	11/20/2019	10:20	12.6	1.95	7.33	6.5	0.00	MNA
B-9M	11/22/2019	14:33	11.1	0.50	7.15	4.7	NA	
B-12M	11/22/2019	13:45	11.8	0.82	7.02	2.8	NA	
B-17M	11/20/2019	14:40	13.0	0.97	6.98	3.6	0.46	MNA
B-21M	11/22/2019	11:05	12.6	1.17	6.84	7.4	NA	
B-22M	11/22/2019	12:05	12.4	1.14	7.00	0.8	NA	
B-23M	11/21/2019	10:00	11.7	1.07	6.82	0.9	NA	MS/MSD
B-28M	11/21/2019	14:35	11.7	1.23	7.09	6.4	NA	
B-38M	11/20/2019	12:55	10.4	1.50	7.02	1.1	NA	FD-112019
B-50M	11/21/2019	11:40	10.9	0.92	7.02	2.4	NA	
Tank-002	11/20/2019	15:00	NM	NM	NM	NM	NA	grab sample
QUARRY	11/20/2019	13:15	5.6	1.78	7.46	1.3	NA	pond surface - grab sample
PS-02	11/20/2019	9:10	12.2	7.98	6.77	7.6	0.01	grab sample; MNA

Notes:

deg C - degrees Celcius

mS/cm - milli Siemens per centimeter

NTU - nephelometric turbidity unit

NA - not applicable

NM - not measured

Table 8

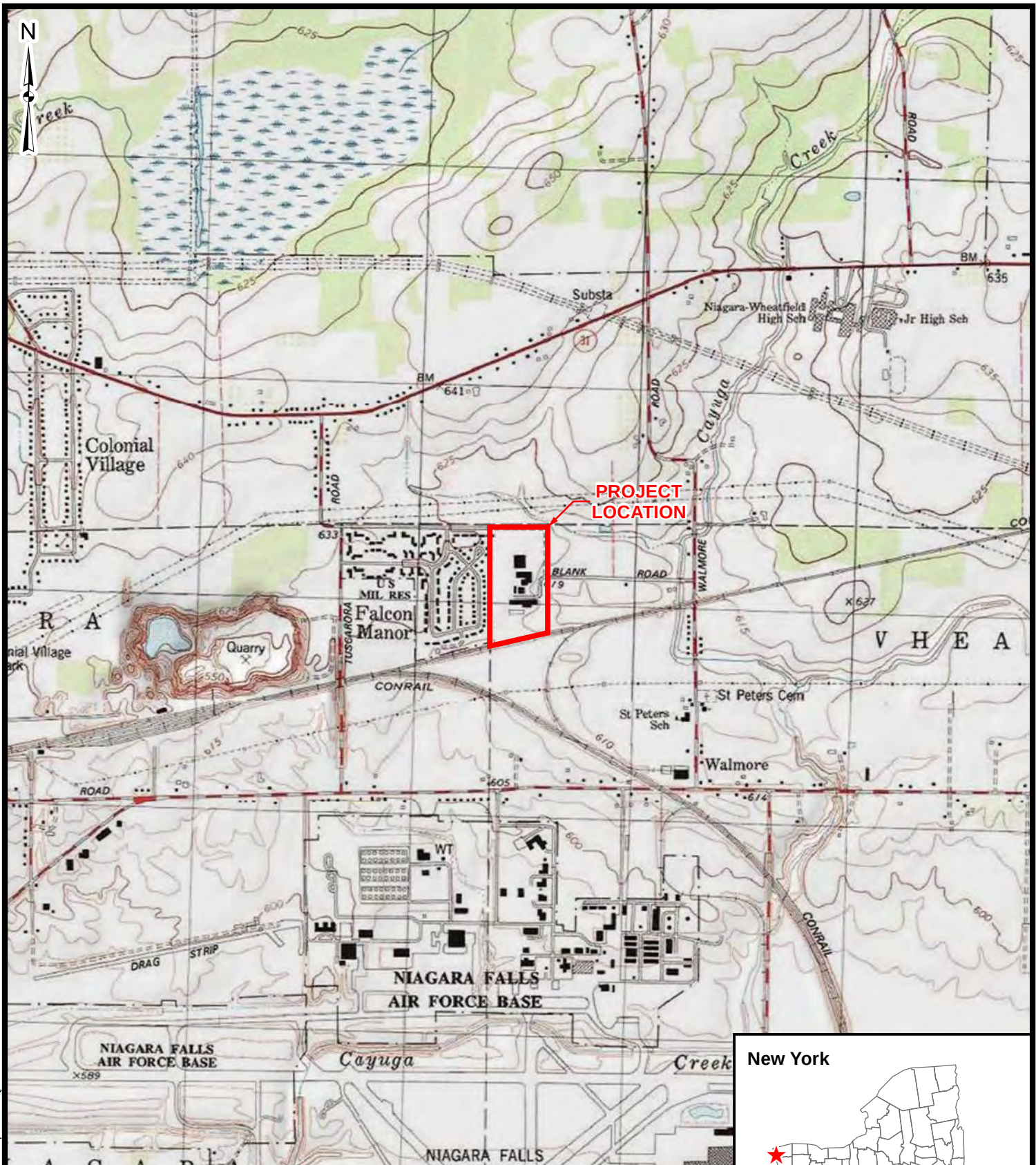
Summary of Analytical Results
Semi-Annual Sampling - Fall 2019
Former Carborundum Company
Wheatfield, New York

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)	total-1,2- Dichloroethene (µg/L)	1,1,1- Trichloroethane (µg/L)	Trichloroethene (µg/L)	Vinyl chloride (µg/L)	Tetrachloroethene (µg/L)	Manganese, Total (µg/L)	Sulfate (mg/L)	Nitrate- Nitrogen (mg/L)	Iron, Total (µg/L)	Total Organic Carbon (TOC)
B- 3M	240-122631-11	11/20/2019	0	0	0	0	0	0	240	240	2.9 J	280	0	2 J	NA	NA	NA	NA	NA
B- 6M	240-122893-3	11/21/2019	0	0	0	0	0	0.92 J	29	29.92	0	200	0	0	NA	NA	NA	NA	NA
B- 8M	240-122631-6	11/20/2019	0	0	0	0	0	0	4000	4000	0	7500	170	0	3000	87	0	550	6.2
B- 9M	240-122893-10	11/22/2019	0	0	0	0	0	0	2.8	2.8	0	0	0	0	NA	NA	NA	NA	NA
B-12M	240-122893-9	11/22/2019	0	0	2.7 J	1.1 J	0	0.93 J	39	39.93	12	200	0	0	NA	NA	NA	NA	NA
B-17M	240-122631-7	11/20/2019	0	0	44 J	0	0	0	5000	5000	0	3400	1200	0	17	110	0.17	170 J	4.6
B-21M	240-122893-7	11/22/2019	0	0	0	0	0	0	0	0	0	0	0	0	NA	NA	NA	NA	NA
B-22M	240-122893-8	11/22/2019	0	0.15 J	0.22 J	0	0	1.2	24	25.2	0	10	0	0	NA	NA	NA	NA	NA
B-23M	240-122893-2	11/21/2019	0	0.67 J	2.8 J	0.92 J	0	2.7	99	101.7	3.7 J	200	0.9 J	0	NA	NA	NA	NA	NA
B-28M	240-122893-1	11/21/2019	0	0	0	0	0	0	0	0	0	0	0	0	NA	NA	NA	NA	NA
B-38M	240-122631-8	11/20/2019	0	0	0.79 J	0.87 J	0	0.66	31	31.66	0.25 J	30	2.1	0	NA	NA	NA	NA	NA
B-38M (FD-112019)	240-122631-10	11/20/2019	0	0	0.80 J	0.88 J	0	0.7	31	31.7	0	30	2	0	NA	NA	NA	NA	NA
B-50M	240-122893-4	11/21/2019	0	0	0	0	0	2.1	28	30.1	0	130	0	0	NA	NA	NA	NA	NA
P- 2	240-122631-2	11/20/2019	0	0	0.92 J	0.38 J	0	0	10	10	6.3	110	0	0	NA	NA	NA	NA	NA
P- 3	240-122631-12	11/20/2019	0	0	0	0	0	2.4	26	28.4	0	0.78 J	3	0	NA	NA	NA	NA	NA
P- 4	240-122893-5	11/21/2019	0	0	22 J	8.4 J	0	8 J	500	508	34 J	2100	0	0	NA	NA	NA	NA	NA
PW- 1	240-122631-1	11/20/2019	0	0	0	0	0	0	840	840	25 J	4500	26 J	0	NA	NA	NA	NA	NA
PW- 3	240-122631-4	11/20/2019	0	0	0	0	0	0	140	140	0	390	12 J	3.5 J	NA	NA	NA	NA	NA
PW- 4	240-122631-5	11/20/2019	0	0	4.2	0.56 J	0	0	23	23	13	62	0	0	76	40	0.042 J	1600	1.5
QUARRY POND	240-122631-9	11/20/2019	0	0	0	0	0	0	0	0	0	0	0	0	NA	NA	NA	NA	NA
T-002	240-122631-13	11/20/2019	0	0	9.4 J	0	0	0	460	460	0	750	28	4.4 J	NA	NA	NA	NA	NA
PS-02	240-122631-3	11/20/2019	0	0	0	0	0	0	5000	5000	0	87000 D	0	66 J	600	180	0	1500	2.1

Notes:
1 - B-8M,B-17M, and PS-02 are not part of the routine Fall semi-annual sampling list. These wells were sampled November 2019 with select MNA analyses in relation to the PW-3 Pilot Study post-injection monitoring program.
µg/L - microgram per liter
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

Figures

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



AECOM

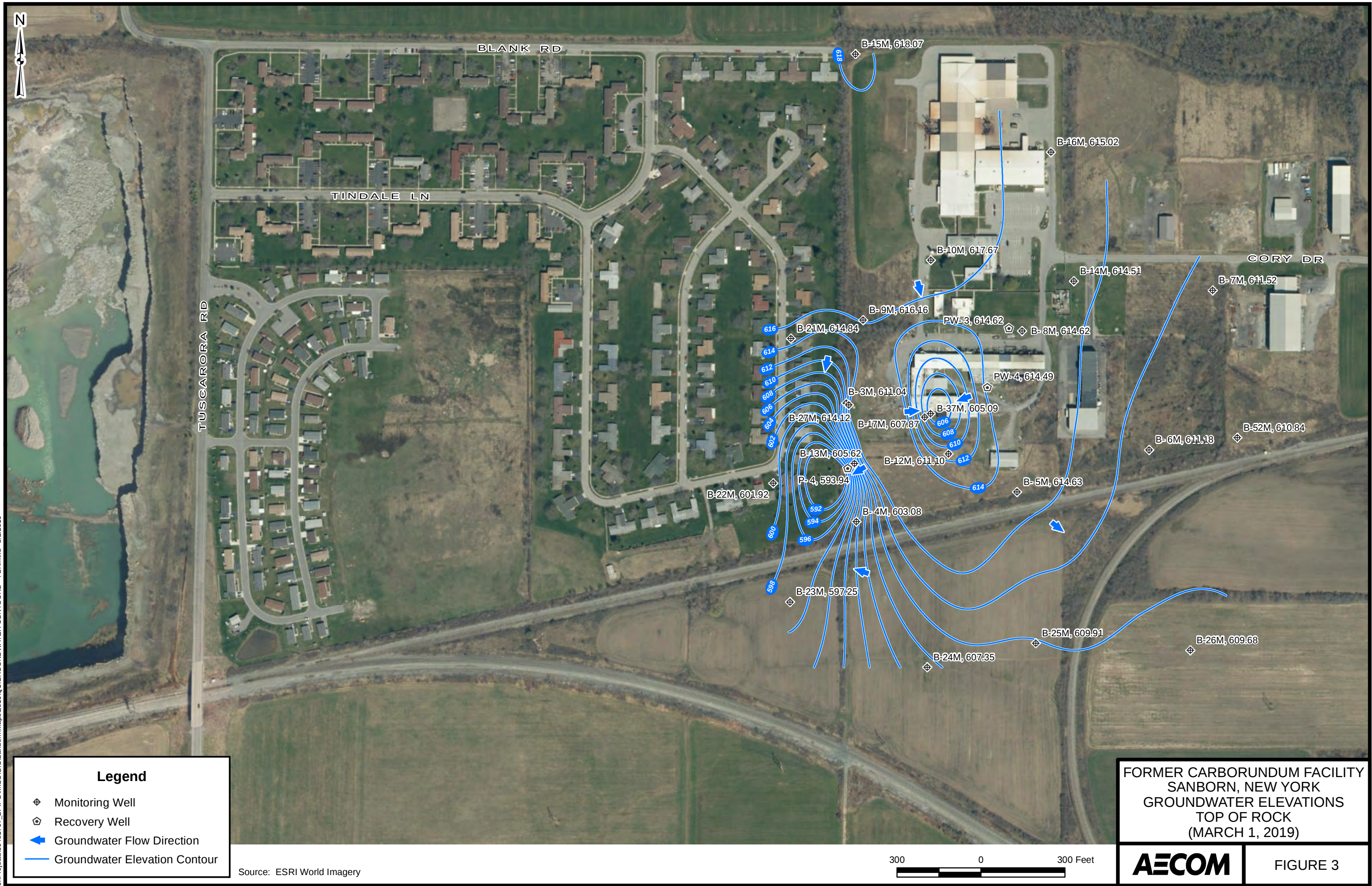
FORMER CARBORUNDUM FACILITY
SANBORN, NEW YORK
PROJECT LOCATION PLAN

FIGURE 1

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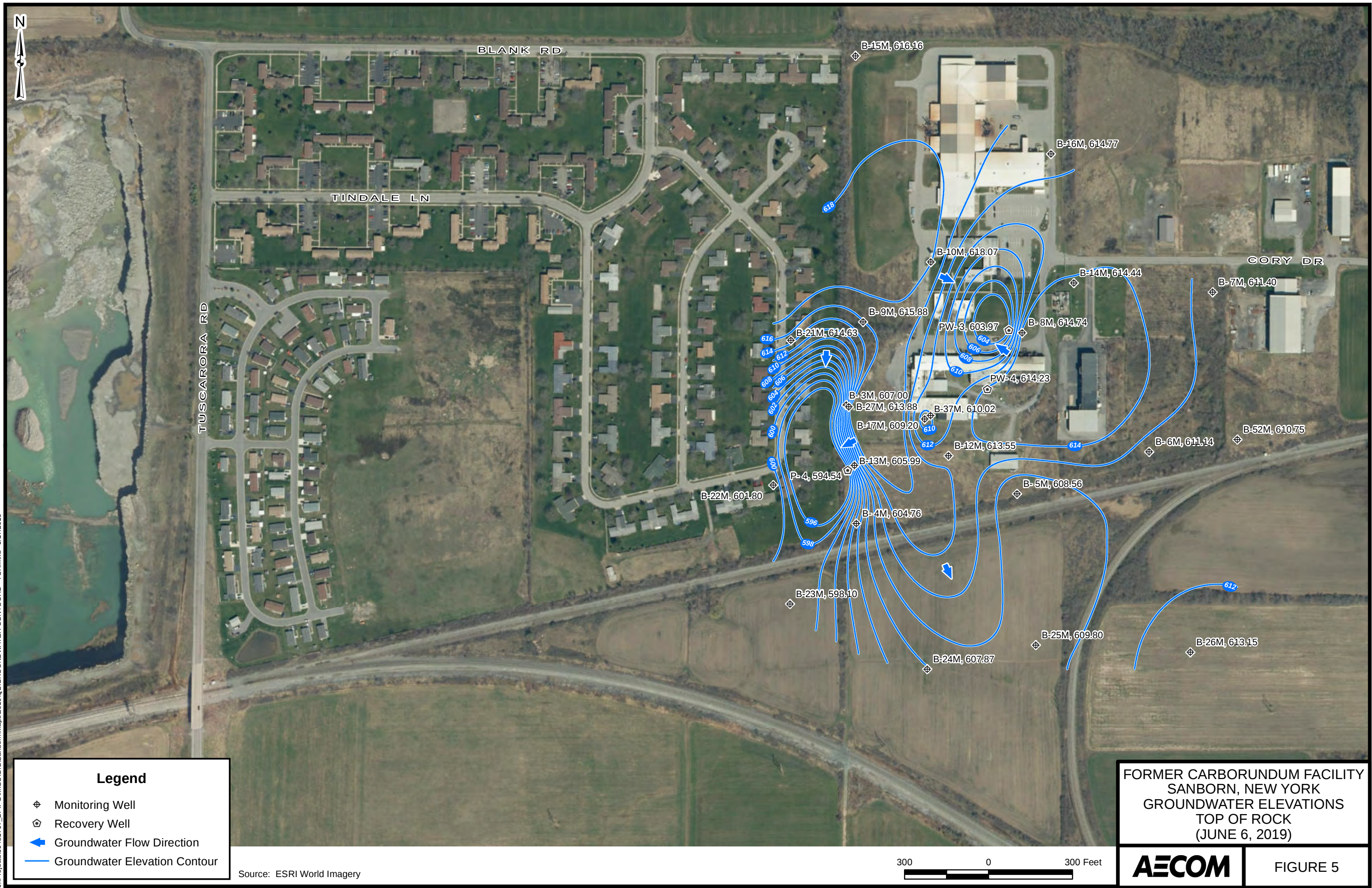
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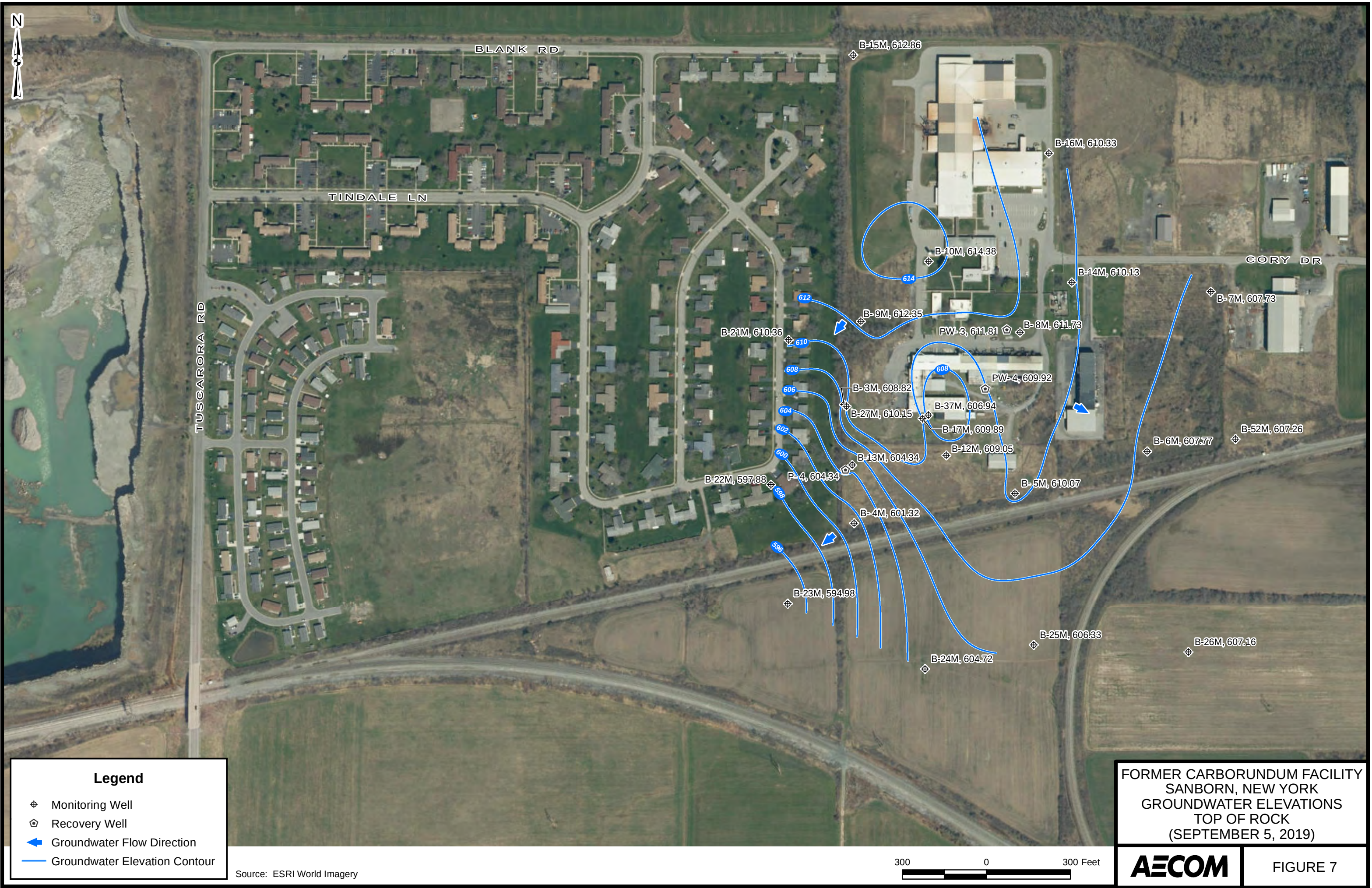
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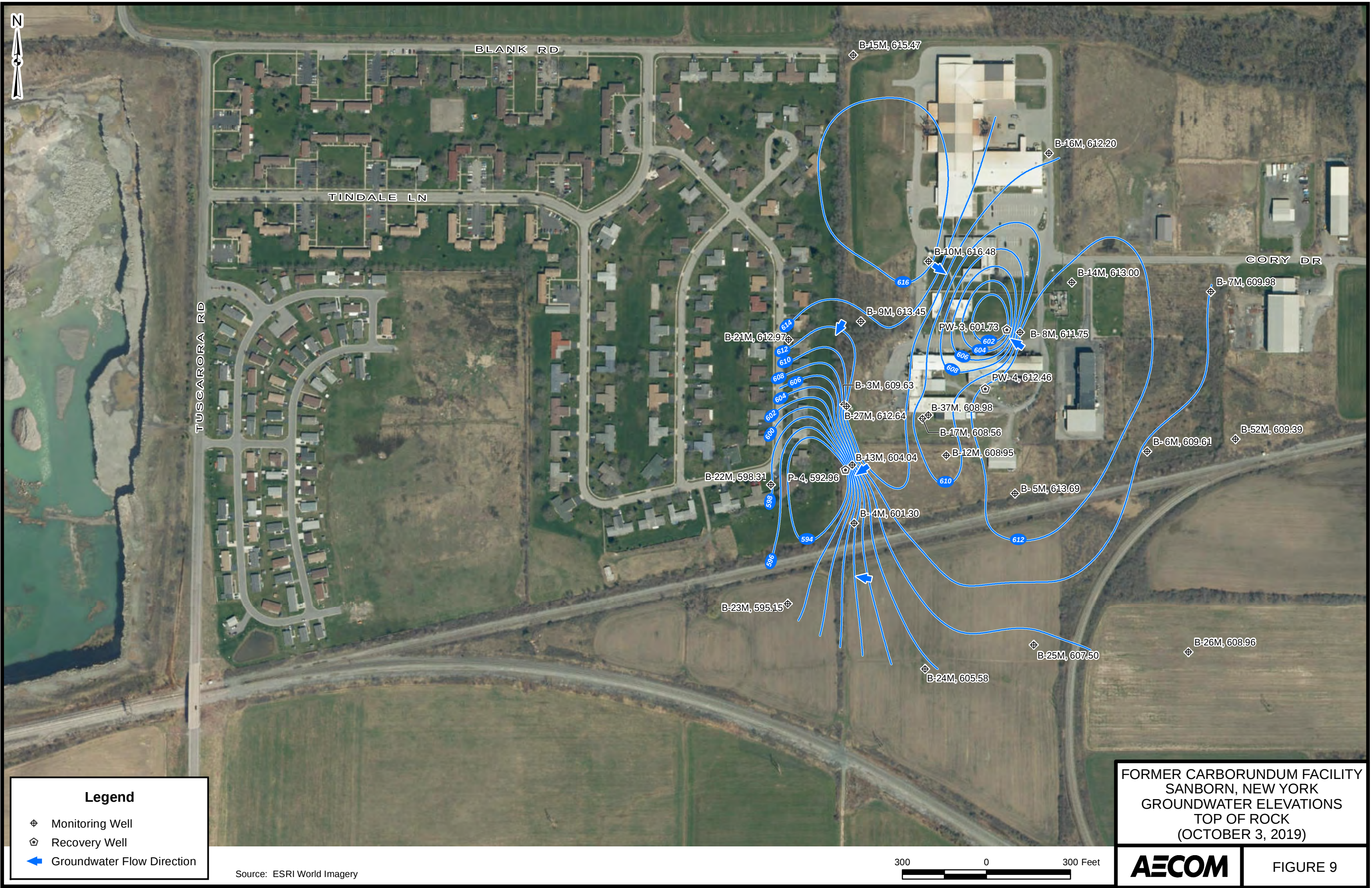
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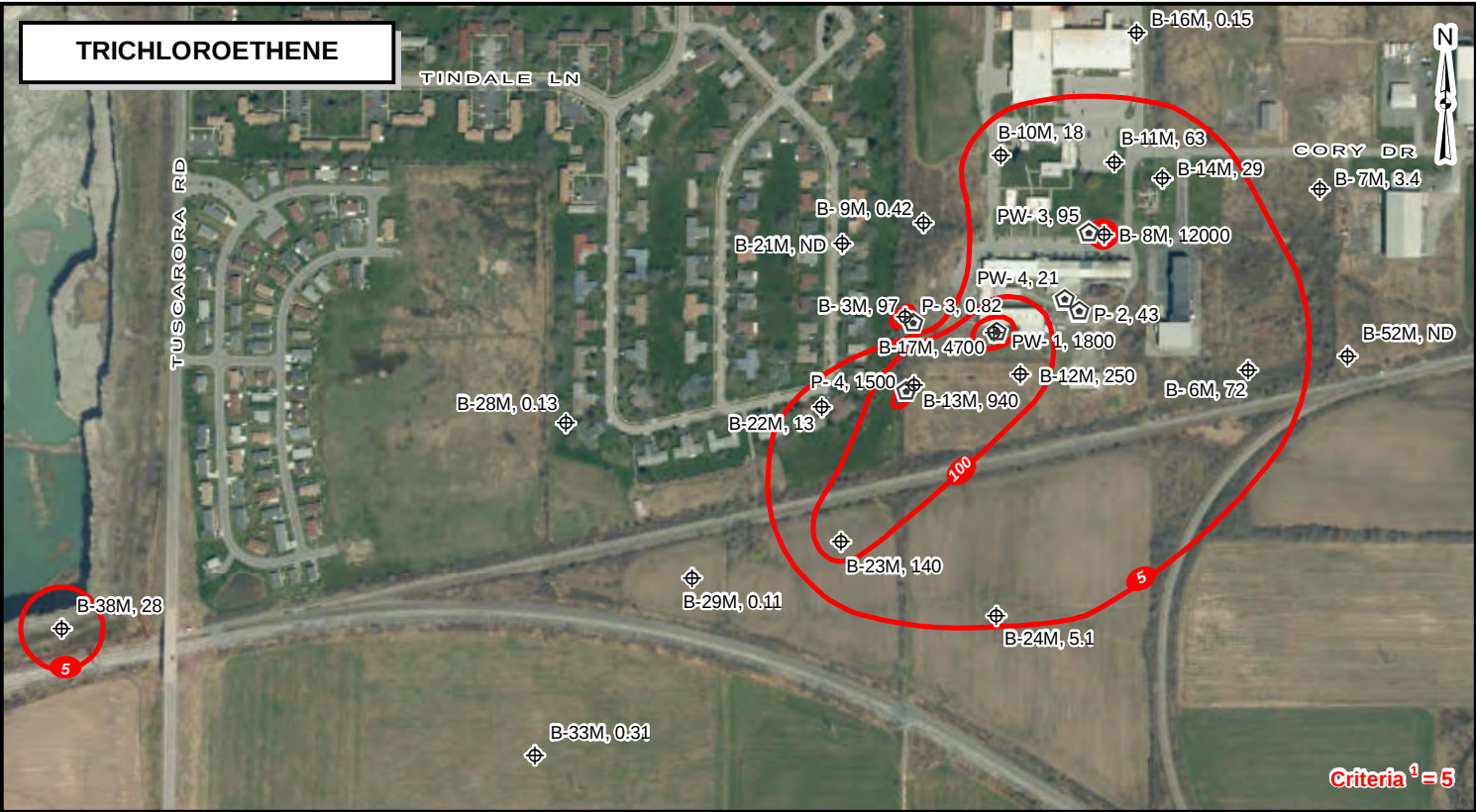
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Legend

- 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

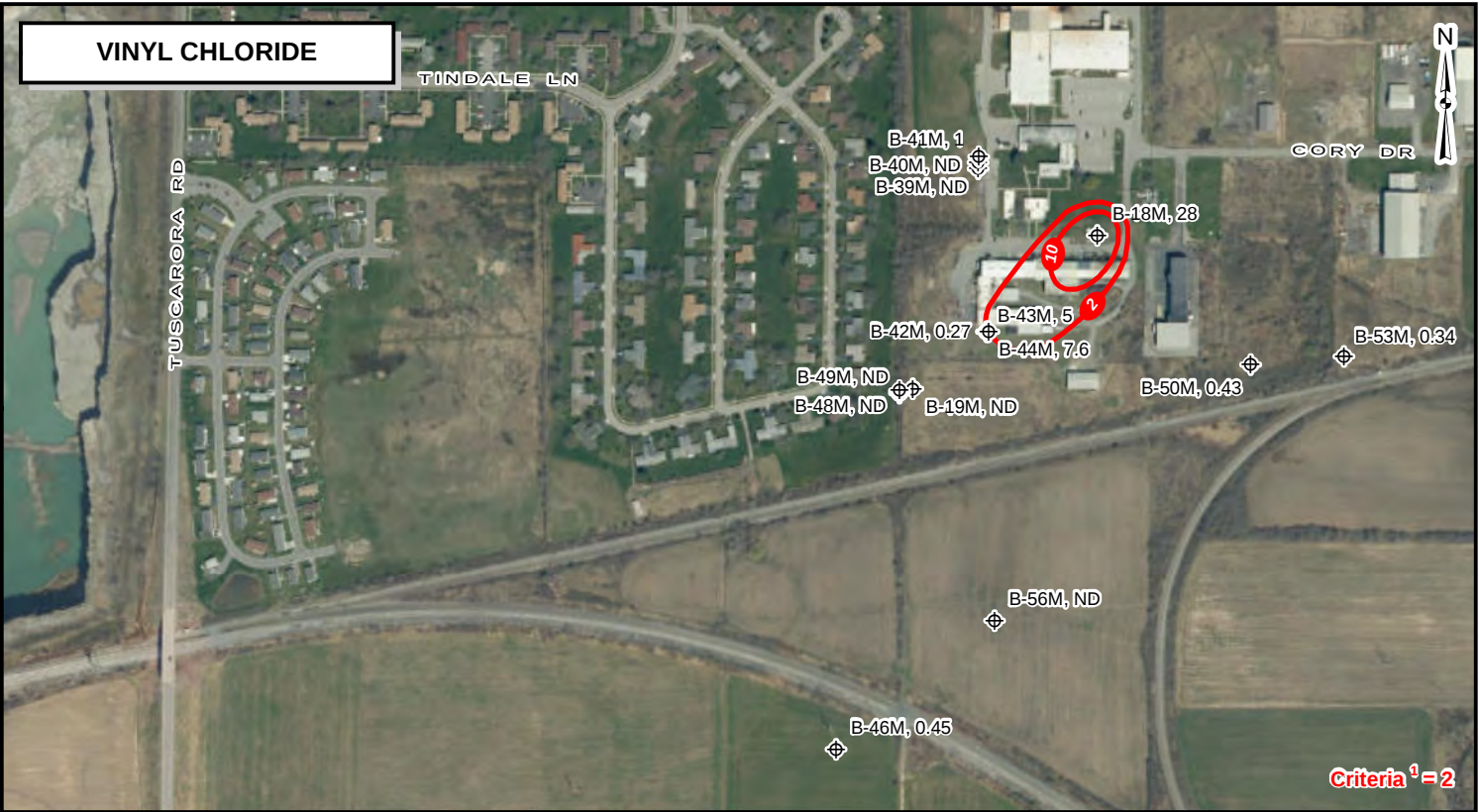
FORMER CARBORUNDUM FACILITY
SANBORN, NEW YORK
ISOCONTOURS IN TOP OF ROCK AND ZONE 1
(ANNUAL SAMPLING - SPRING 2019)

AECOM

FIGURE 11



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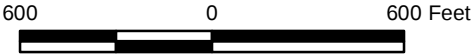


Legend

- 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

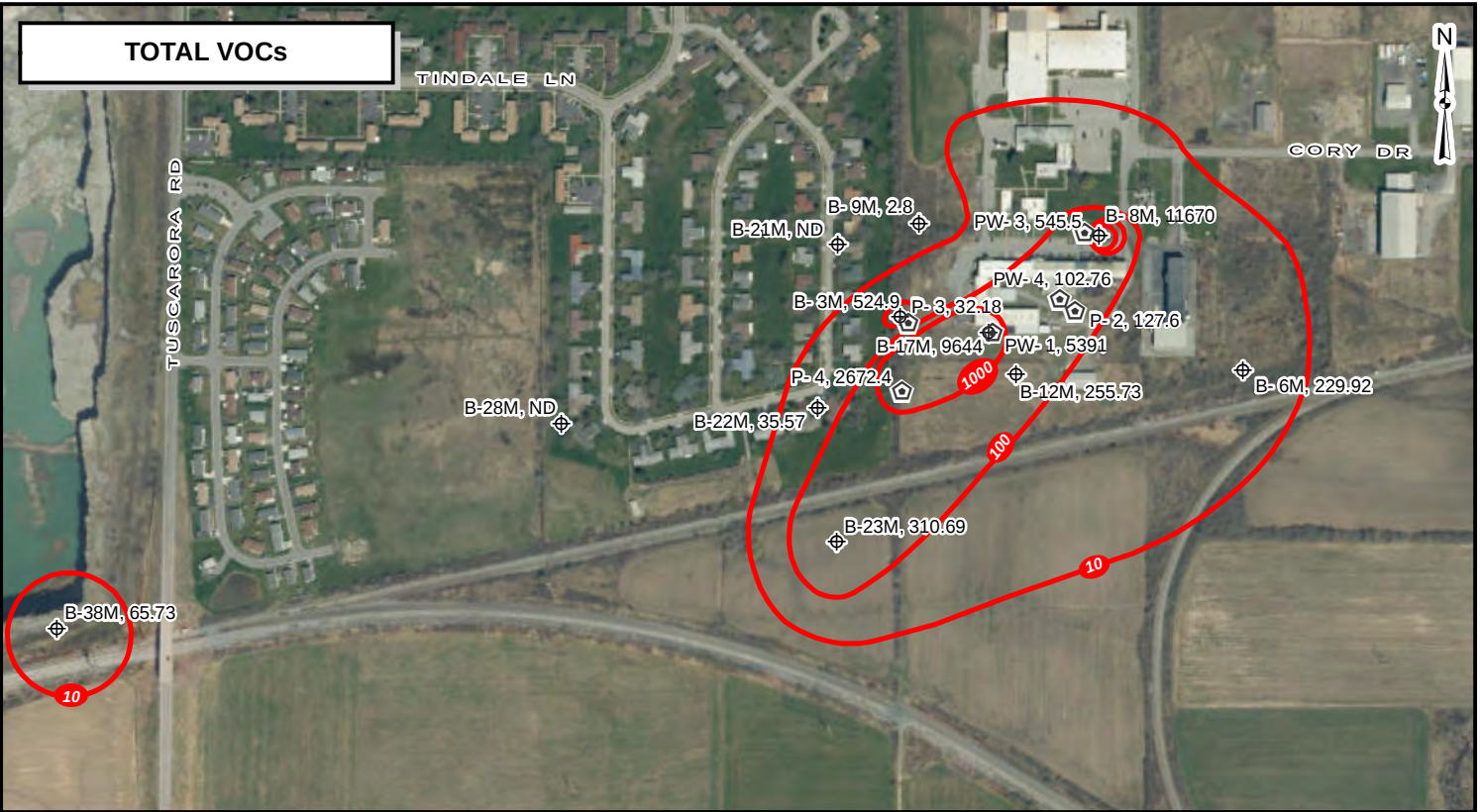
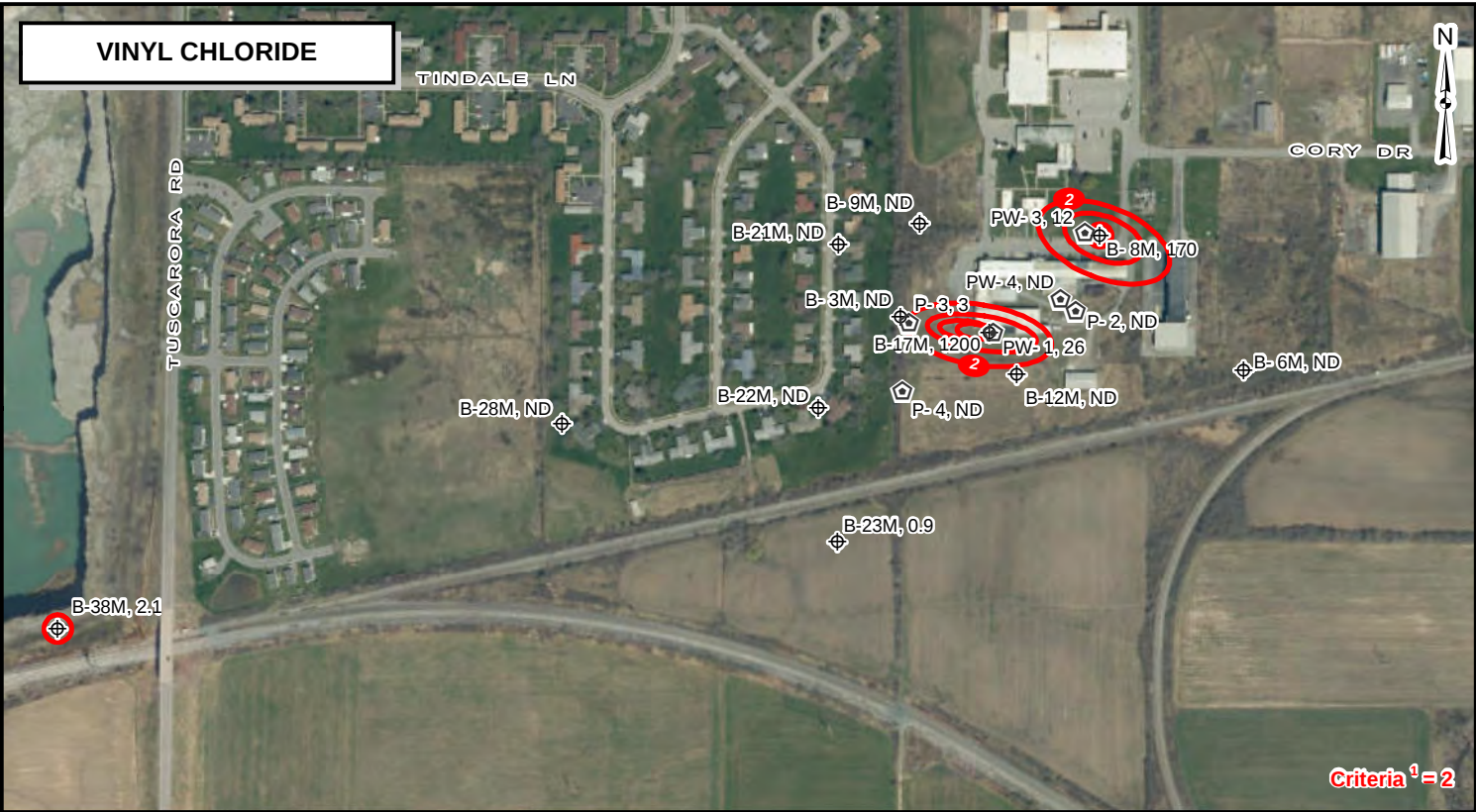
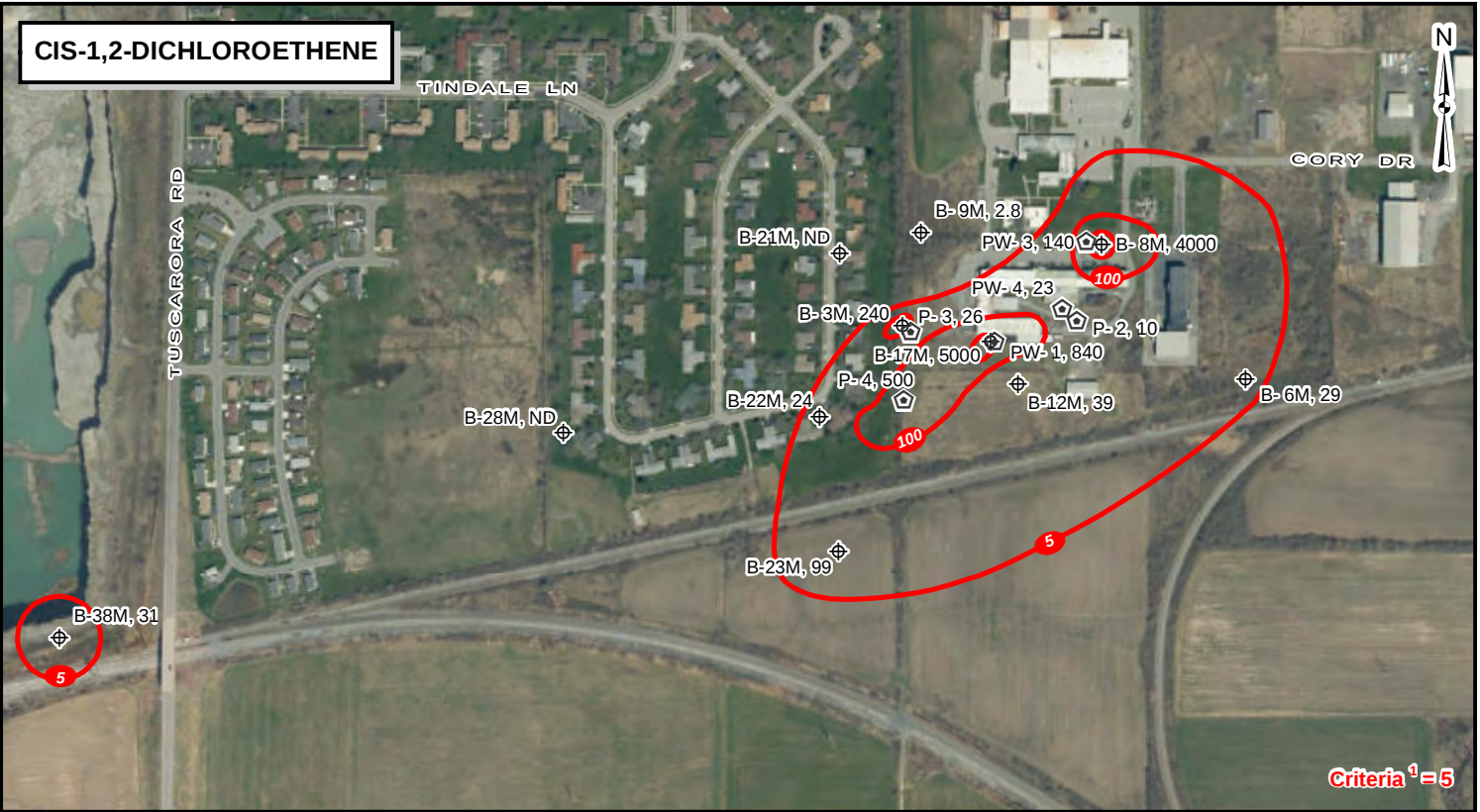
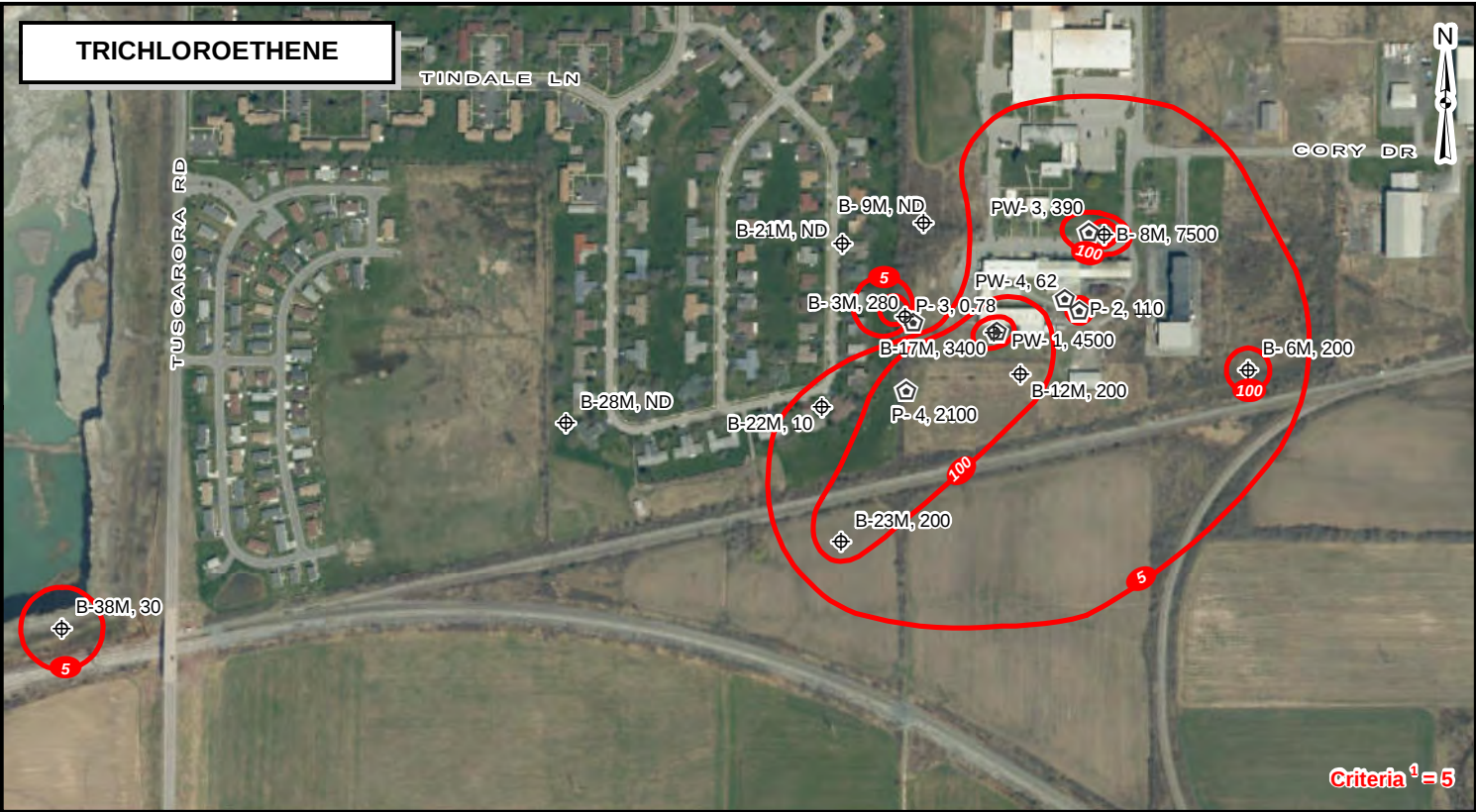


FORMER CARBORUNDUM FACILITY
SANBORN, NEW YORK
ISOCONTOURS IN ZONES 2, 3, 4, & 5
(ANNUAL SAMPLING - SPRING 2019)

AECOM

FIGURE 12

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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

FORMER CARBORUNDUM FACILITY
SANBORN, NEW YORK
ISOCONTOURS IN TOP OF ROCK AND ZONE 1
(NOVEMBER 2019)

AECOM

FIGURE 13

600 0 600 Feet

Appendix A

Institutional Control / Engineering Control Certification Form (2019)



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



Site No.	932102	Site Details	Box 1
Site Name Carborundum Specialty Products			
Site Address: 2050 Cory Dr Zip Code: 14132			
City/Town: Sanborn			
County: Niagara			
Site Acreage: 40.000			
Reporting Period: December 31, 2018 to December 31, 2019			
			YES NO
1. Is the information above correct?			X ☐
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?			☐ X
3. Has there been any change of use at the site during this Reporting Period (see 6NYCRR 375-1.11(d))?			☐ X
4. Have any federal, state, and/or local permits (e.g., building, discharge) been issued for or at the property during this Reporting Period?			☐ X
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?			☐ X

			Box 2
			YES NO
6. Is the current site use consistent with the use(s) listed below? Industrial			X ☐
7. Are all ICs/ECs in place and functioning as designed?			X ☐

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

Description of Institutional Controls

<u>Parcel</u>	<u>Owner</u>	<u>Institutional Control</u>
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 Randal Coil	O&M 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 Randal Coil	Soil Management Plan Monitoring Plan
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:		
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		
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.		

Description of Engineering Controls

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

<u>Parcel</u>	<u>Engineering Control</u>
	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 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 complete.

YES NO

X

2. If this site has an IC/EC Plan (or equivalent as required in the Decision Document), for each Institutional or Engineering control listed in Boxes 3 and/or 4, I certify by checking "YES" below that all of the following statements are true:

(a) the Institutional Control and/or 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

X

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

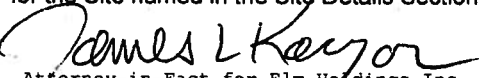
SITE OWNER OR DESIGNATED REPRESENTATIVE SIGNATURE

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.

James L. Kaczor, Attorney-in-Fact
for Elm Holdings Inc. at 257 West Genesee Street, Suite 400, 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.


Attorney-in-Fact for Elm Holdings Inc.

Signature of Owner, Remedial Party, or Designated Representative
Rendering Certification

01-30-2020
Date

IC/EC CERTIFICATIONS

Box 7

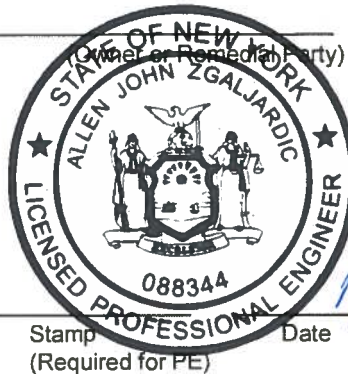
Professional Engineer Signature

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 Allen Zgaljardic at 257 West Genesee Street, Suite 400, Buffalo, NY 14202
print name print business address

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

Allen Zgaljardic
Signature of Professional Engineer, for the Owner or
Remedial Party, Rendering Certification

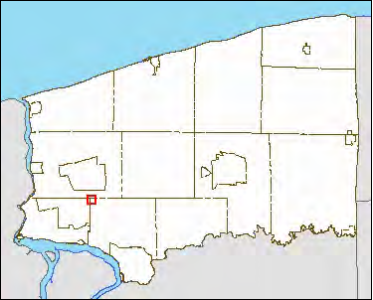
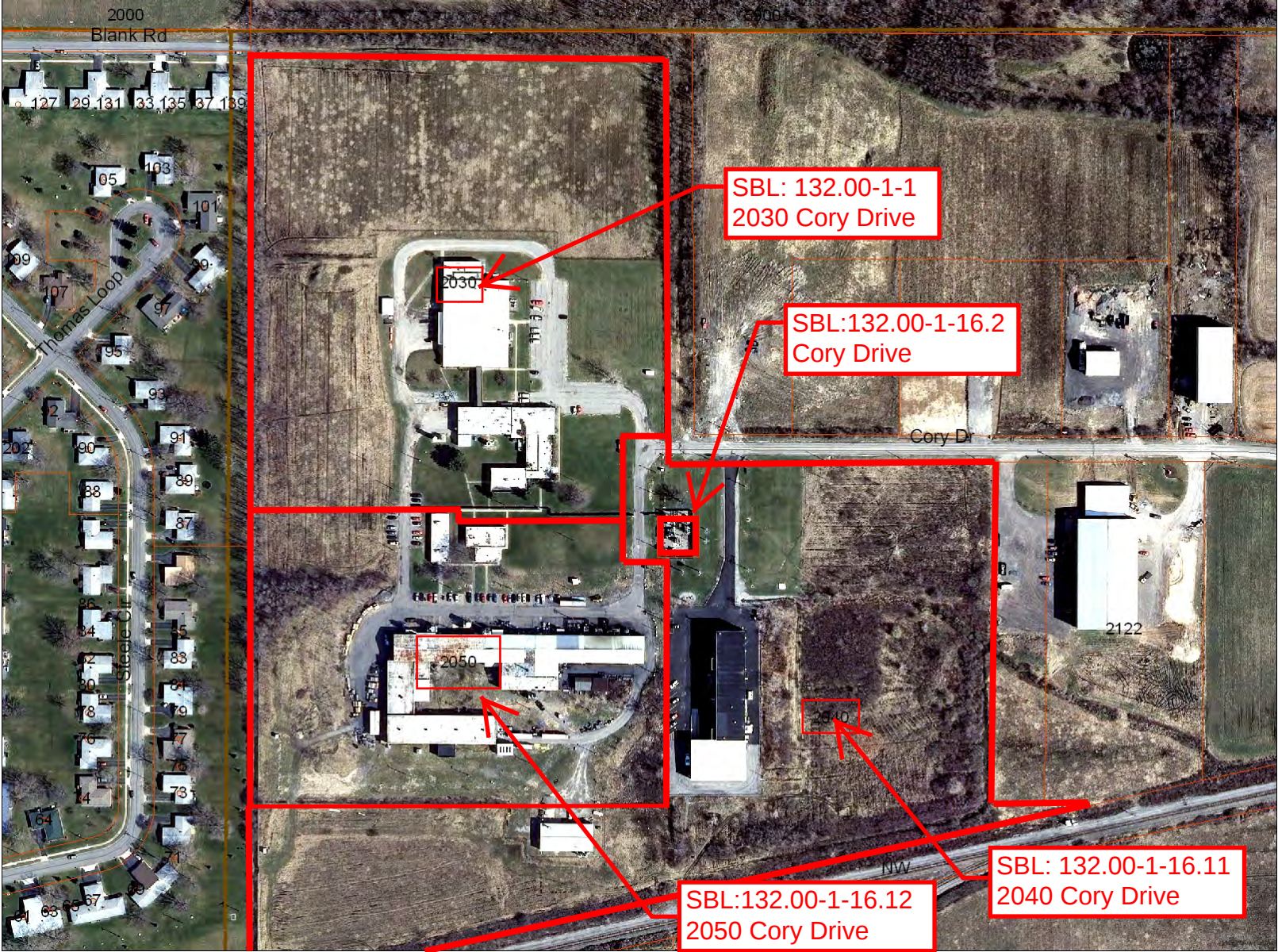


Stamp
(Required for PE)

Date

1/30/20

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

Niagara County and its officials and employees assume no responsibility or legal liability for the accuracy, completeness, reliability, timeliness, or usefulness of any information provided. Tax parcel data was prepared for tax purposes only and is not to be reproduced or used for surveying or conveying.

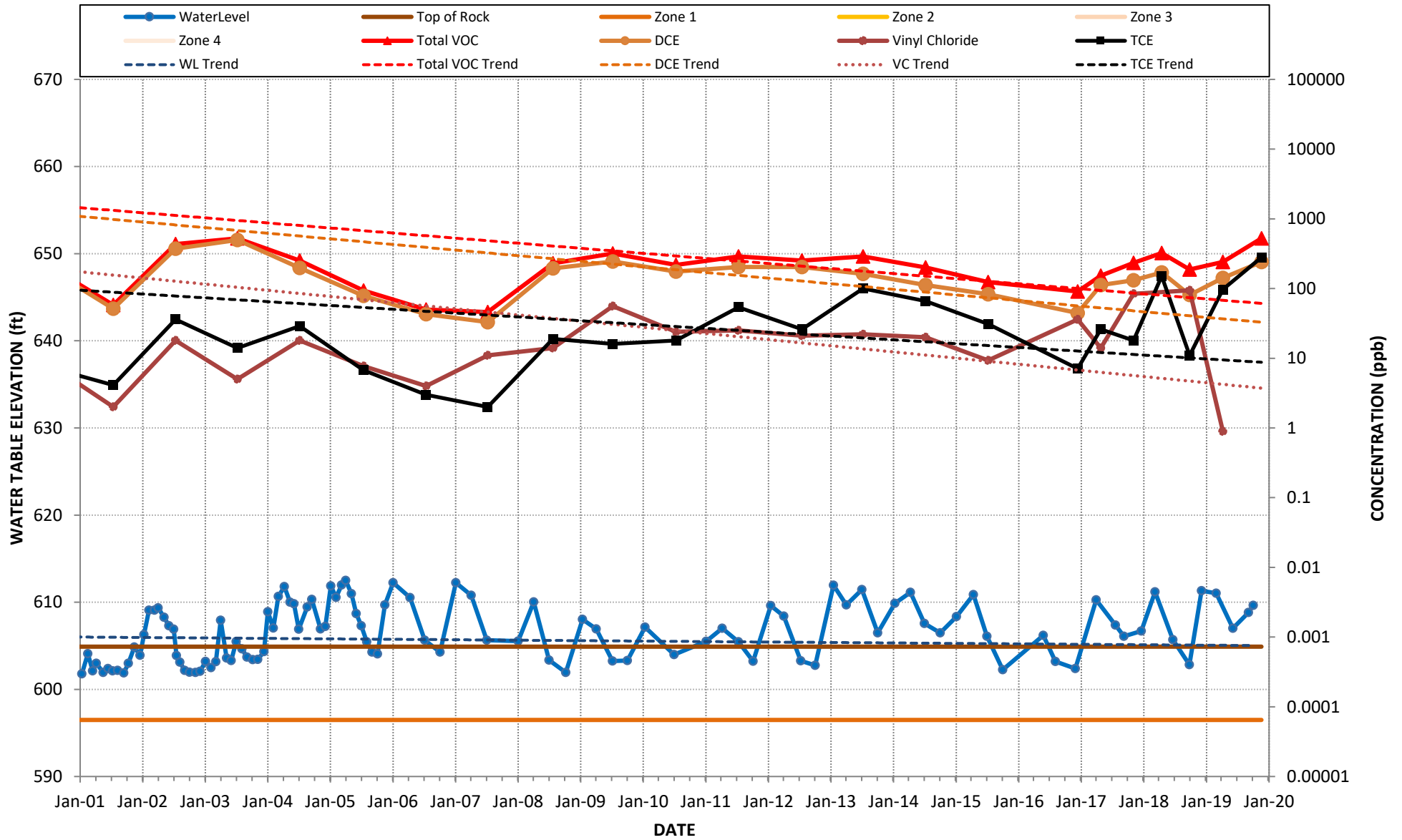
SOURCE: NIAGARA COUNTY, NEW YORK
DEPARTMENT OF REAL PROPERTY SERVICES

Appendix B

Water Quality Time Series Plots January 2001 through December 2019

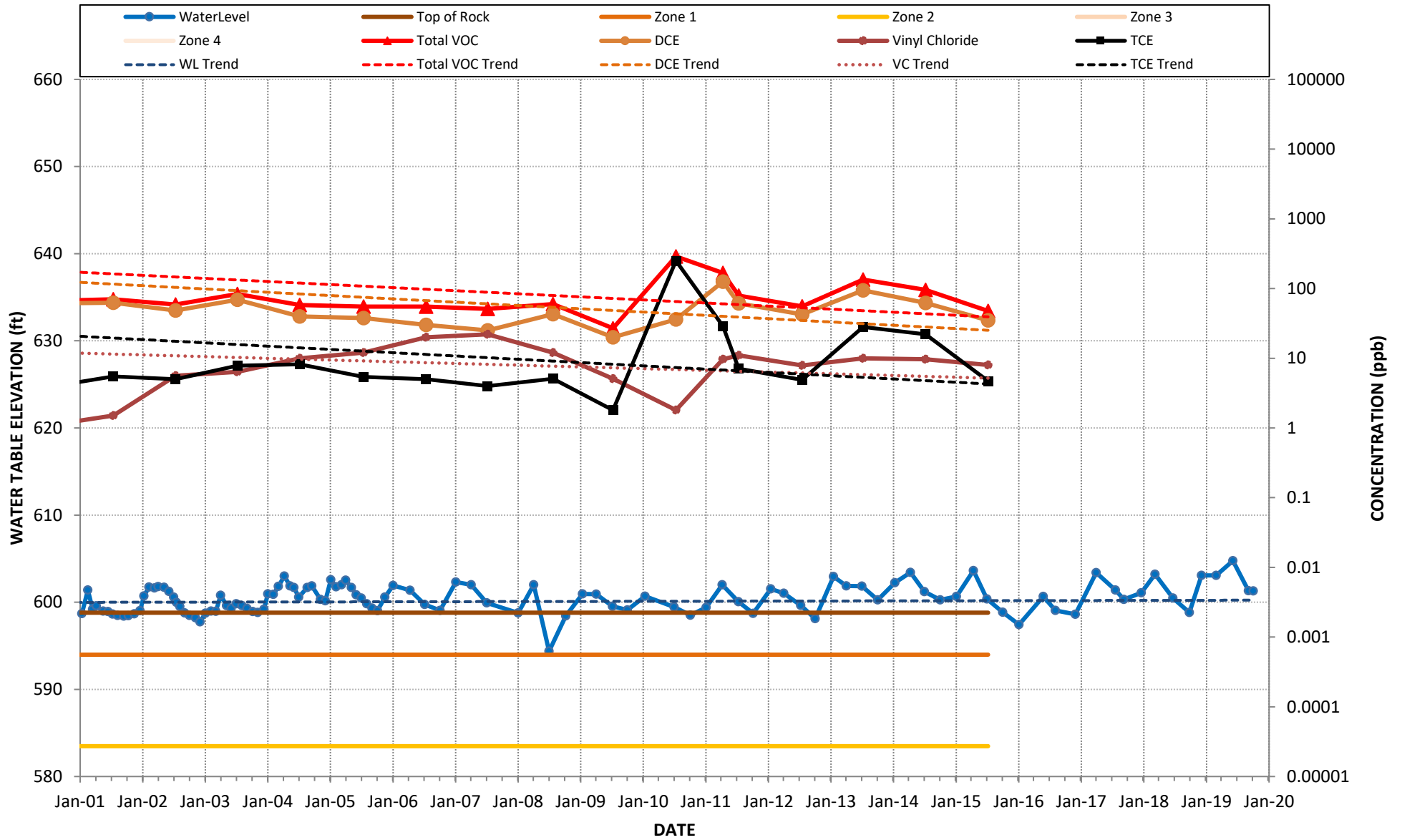
WATER LEVELS & CHLORINATED SOLVENT CONCENTRATIONS

B- 3M



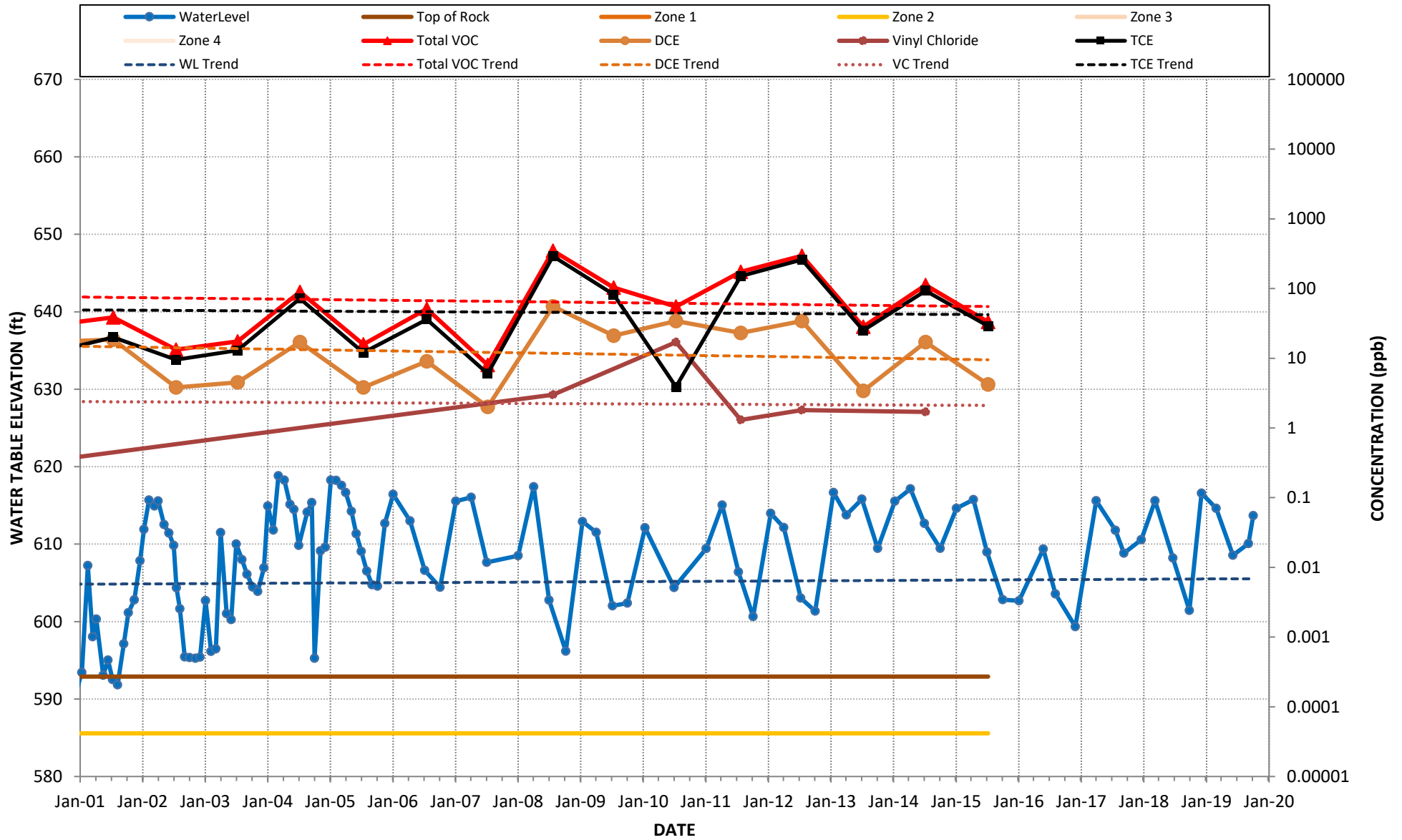
WATER LEVELS & CHLORINATED SOLVENT CONCENTRATIONS

B- 4M



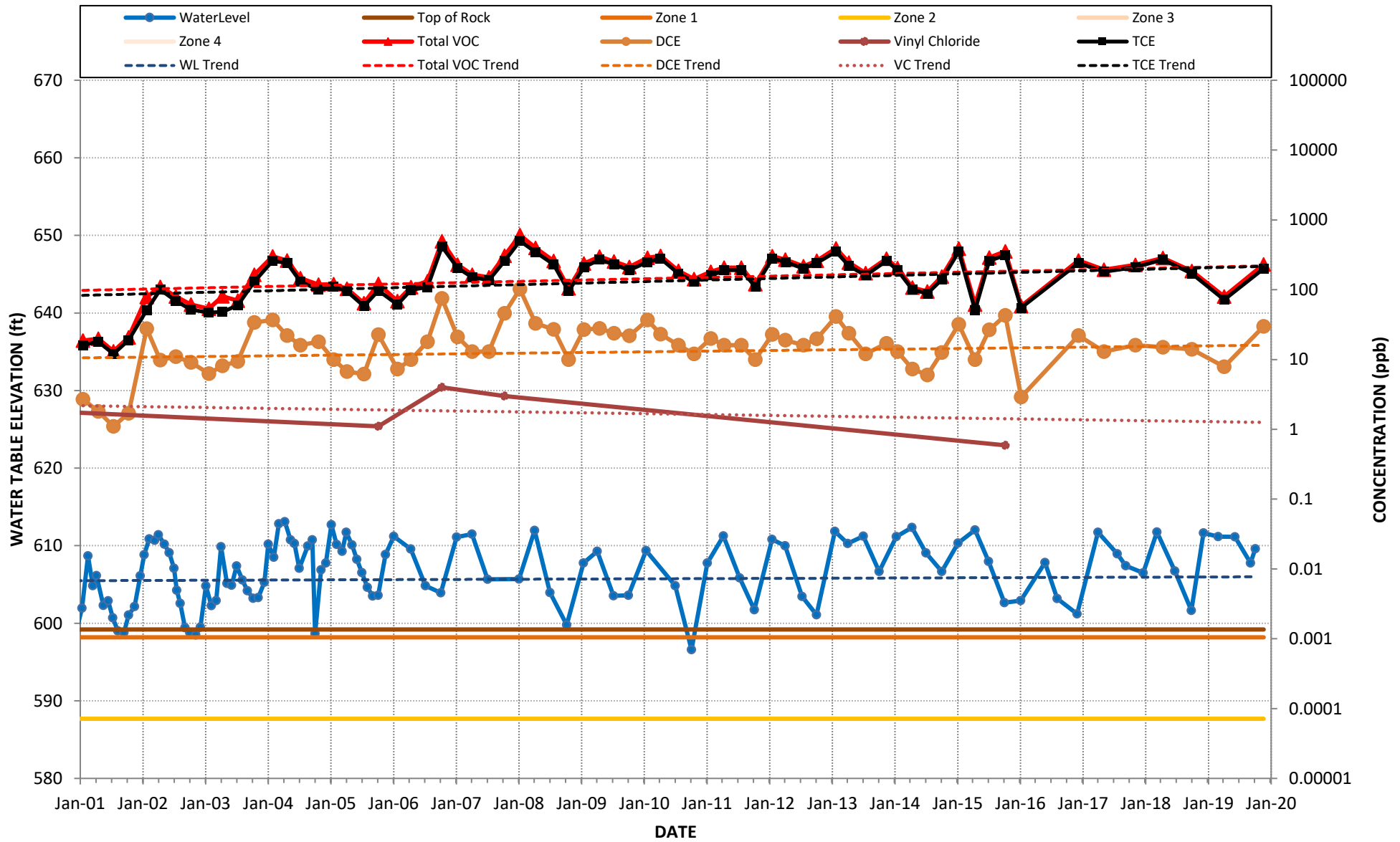
WATER LEVELS & CHLORINATED SOLVENT CONCENTRATIONS

B- 5M

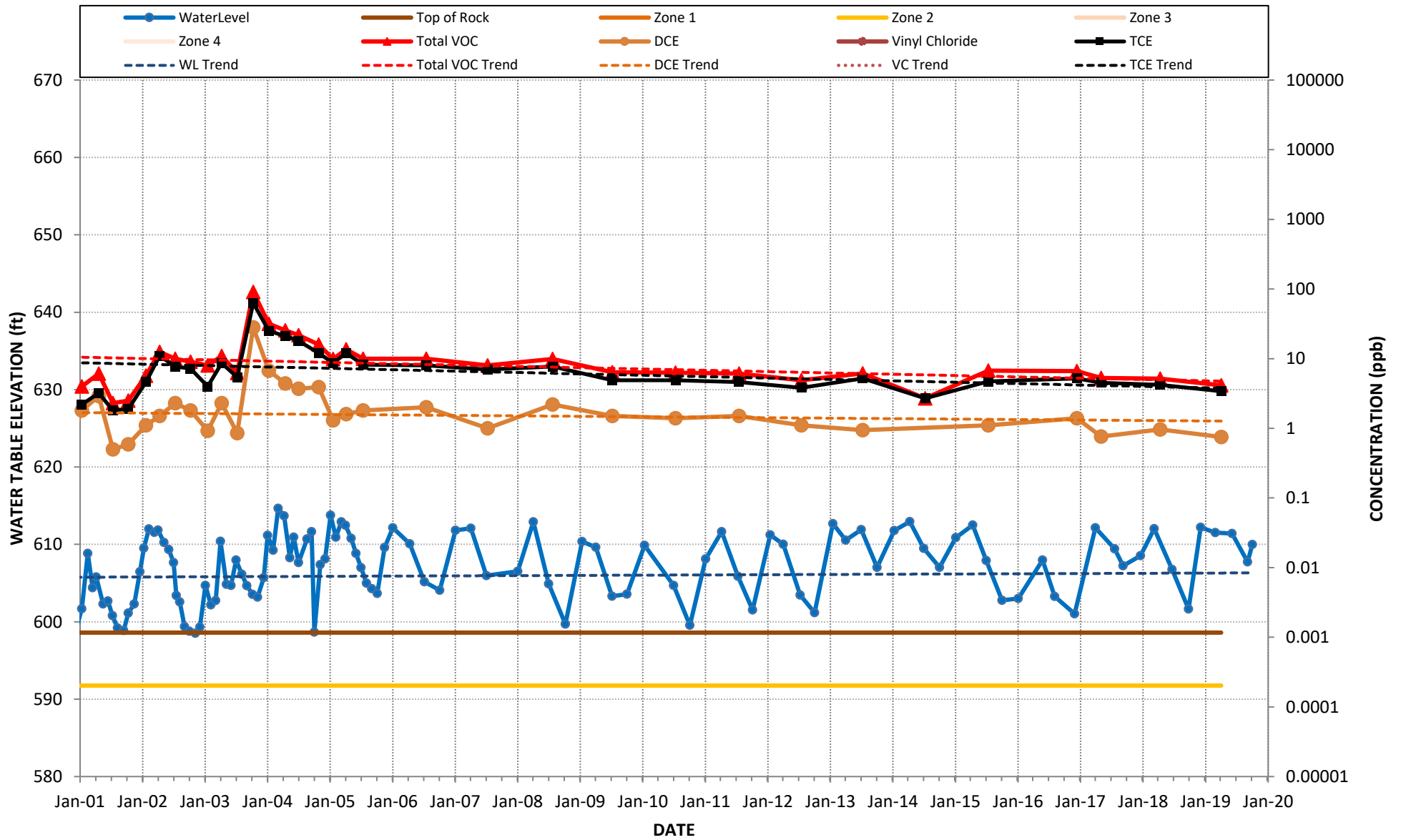


WATER LEVELS & CHLORINATED SOLVENT CONCENTRATIONS

B- 6M

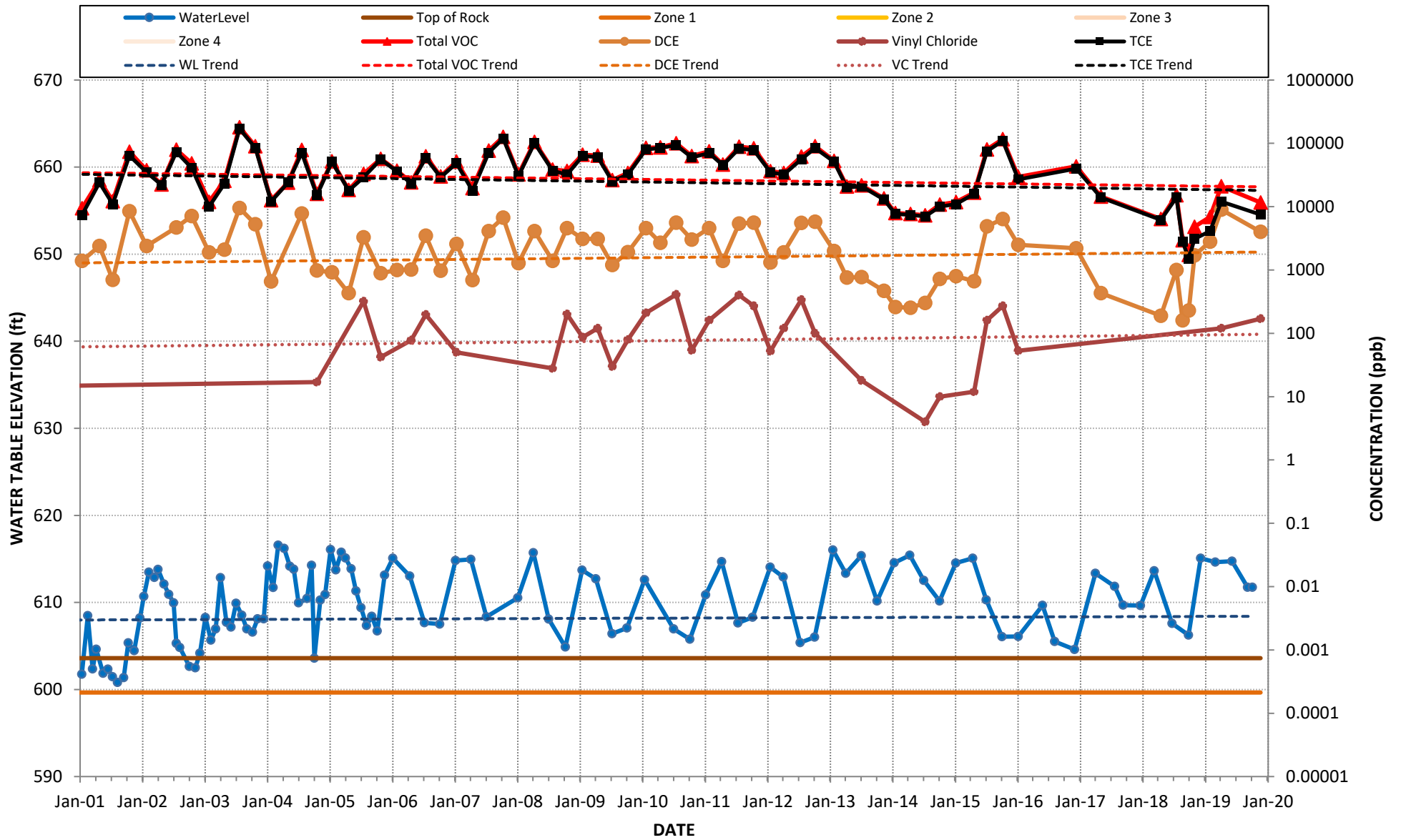


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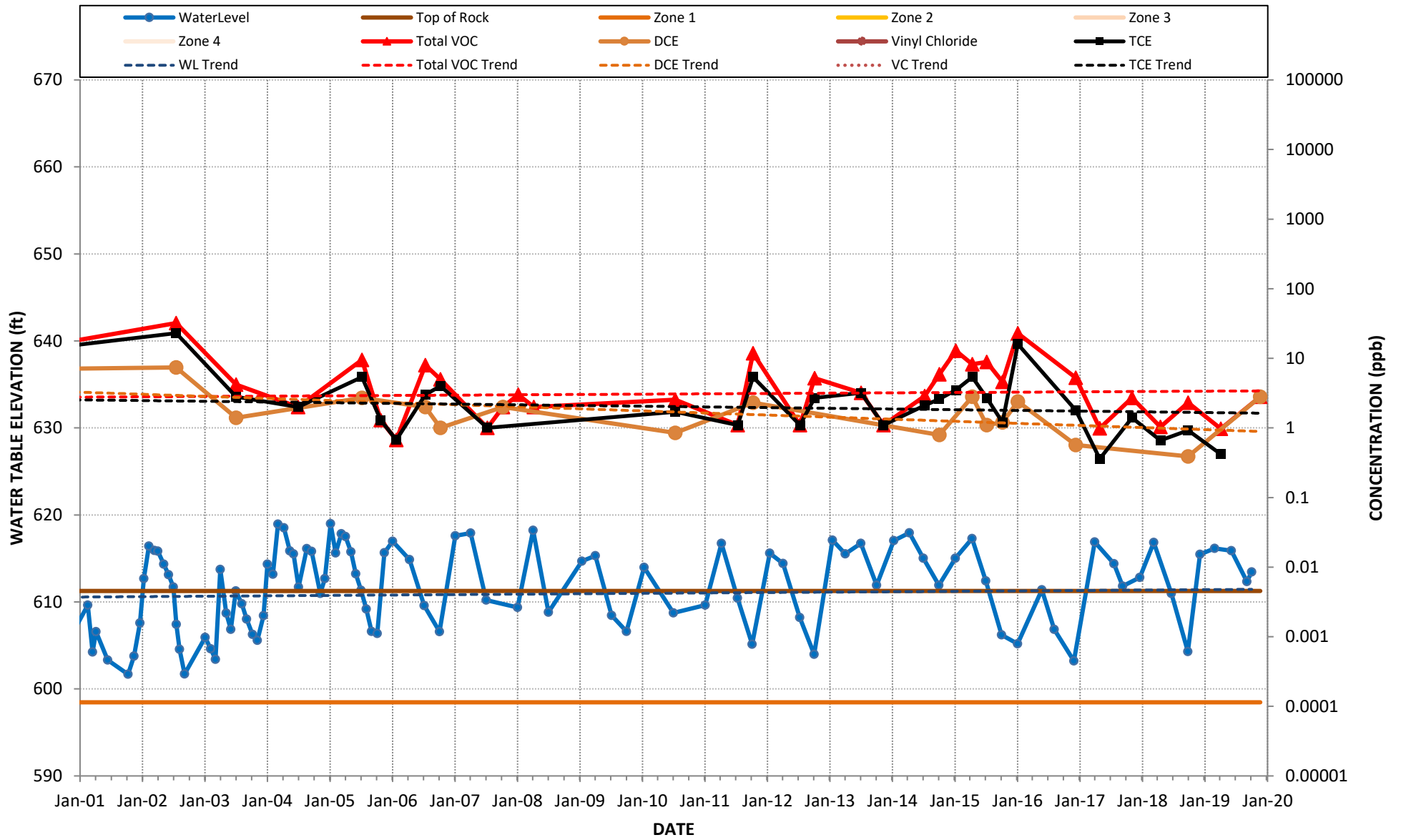
WATER LEVELS & CHLORINATED SOLVENT CONCENTRATIONS

B- 8M

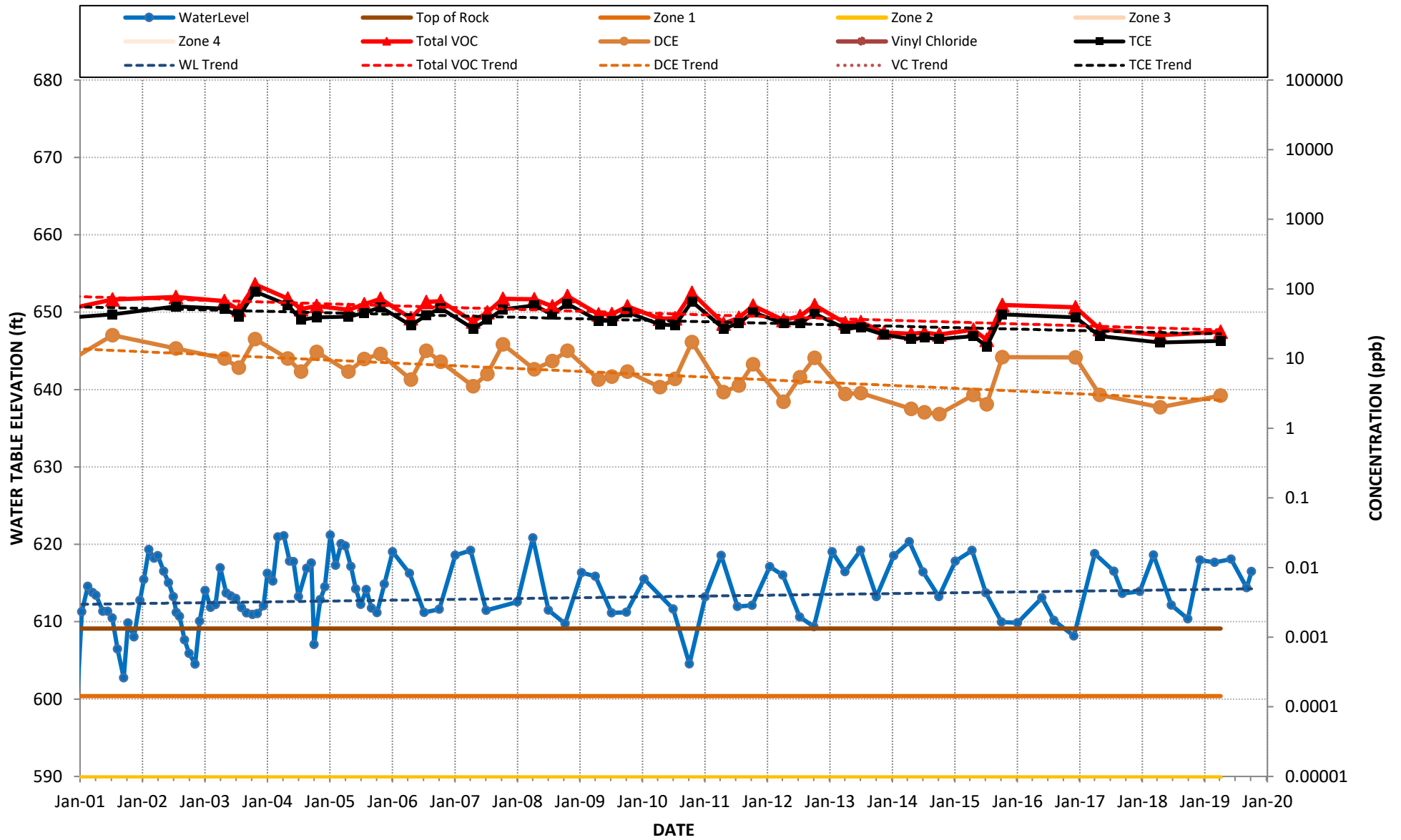


WATER LEVELS & CHLORINATED SOLVENT CONCENTRATIONS

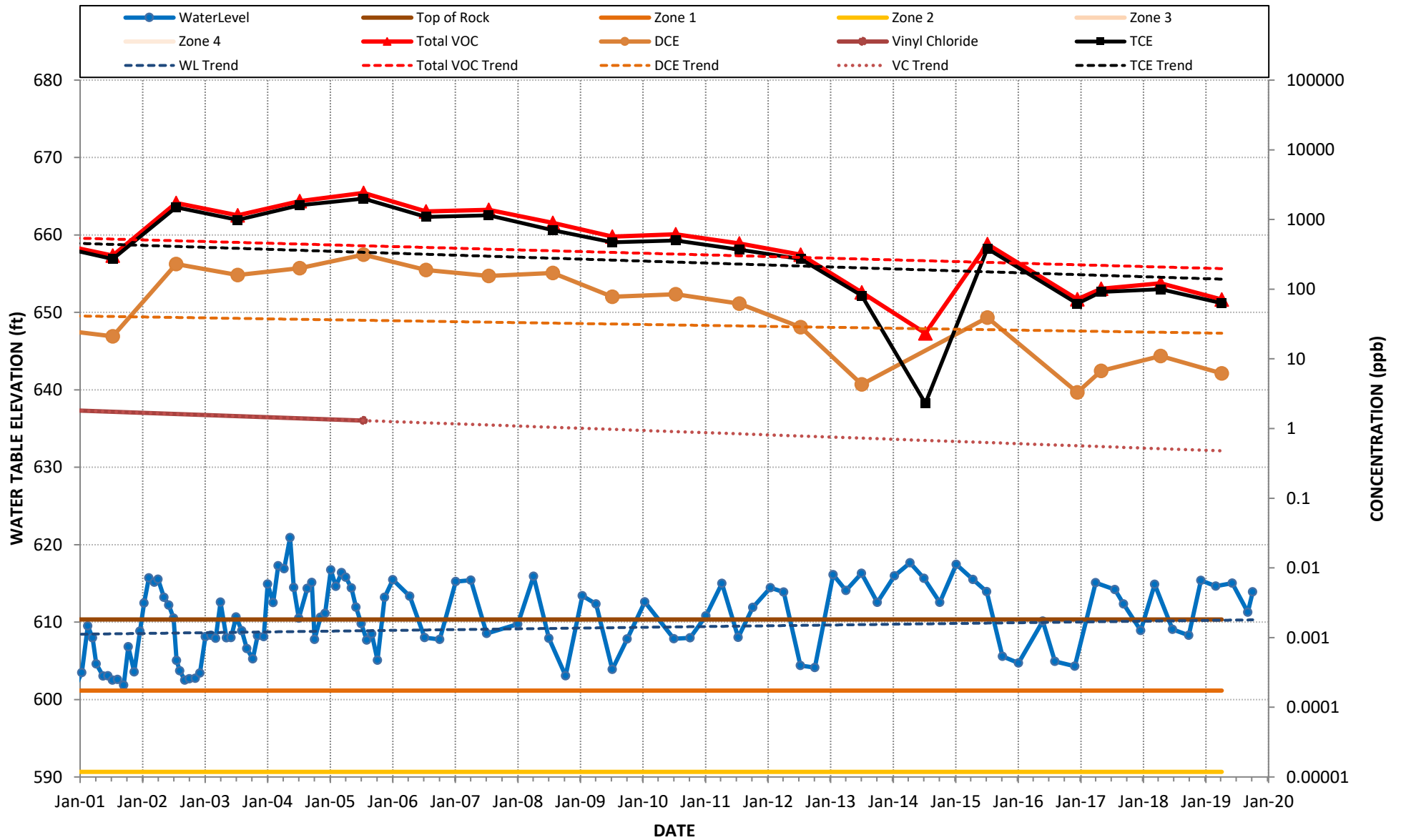
B- 9M



WATER LEVELS & CHLORINATED SOLVENT CONCENTRATIONS B-10M

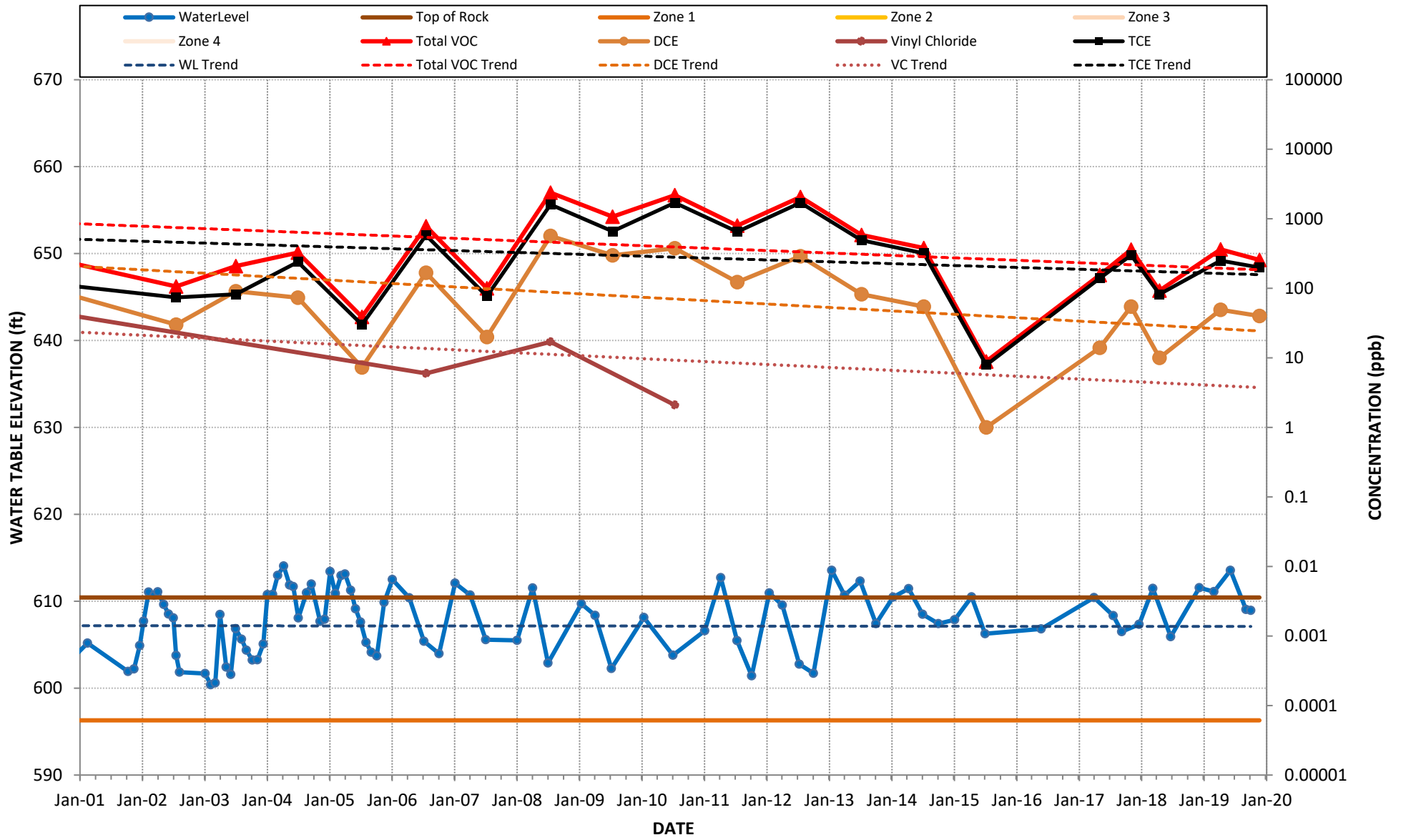


WATER LEVELS & CHLORINATED SOLVENT CONCENTRATIONS **B-11M**



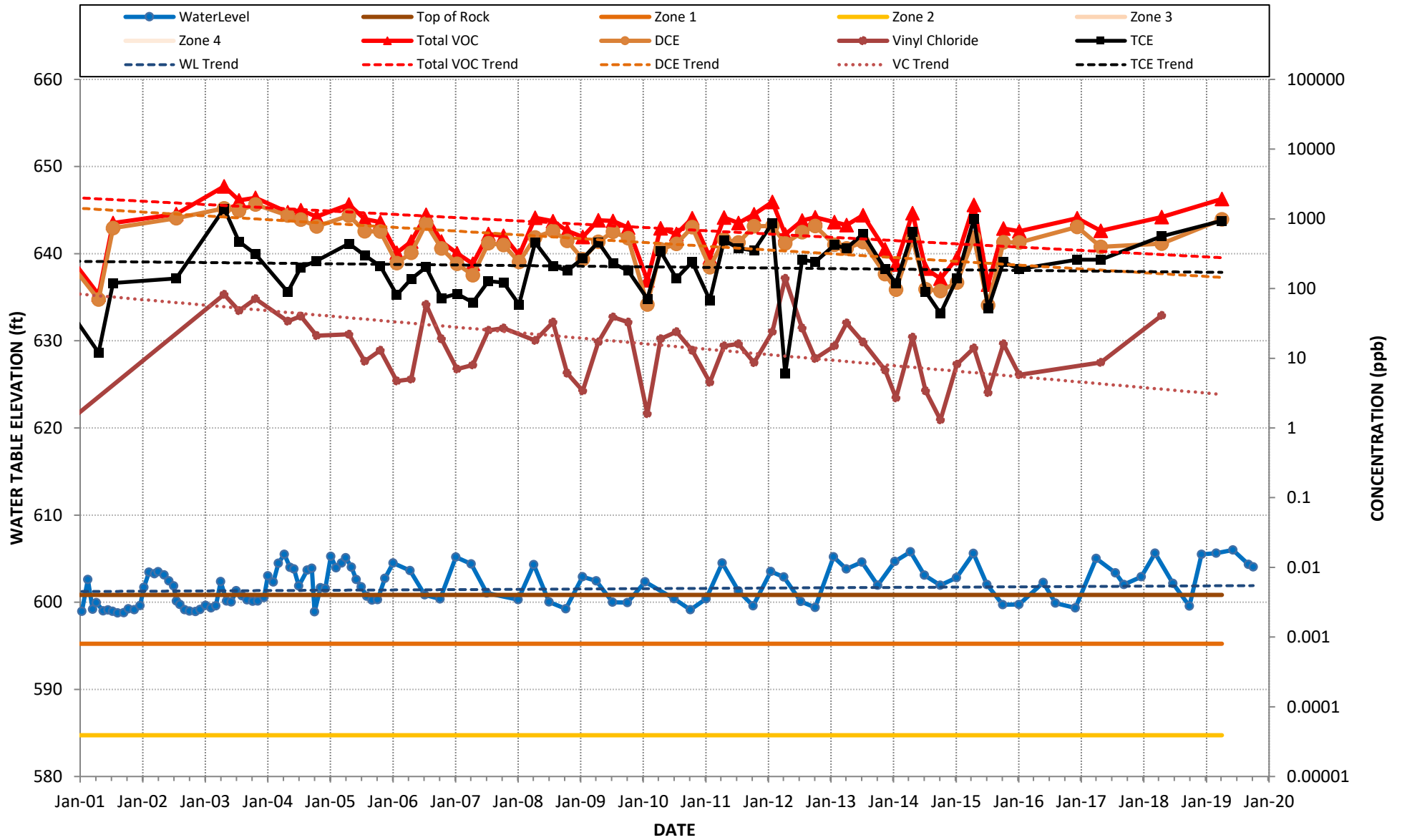
WATER LEVELS & CHLORINATED SOLVENT CONCENTRATIONS

B-12M

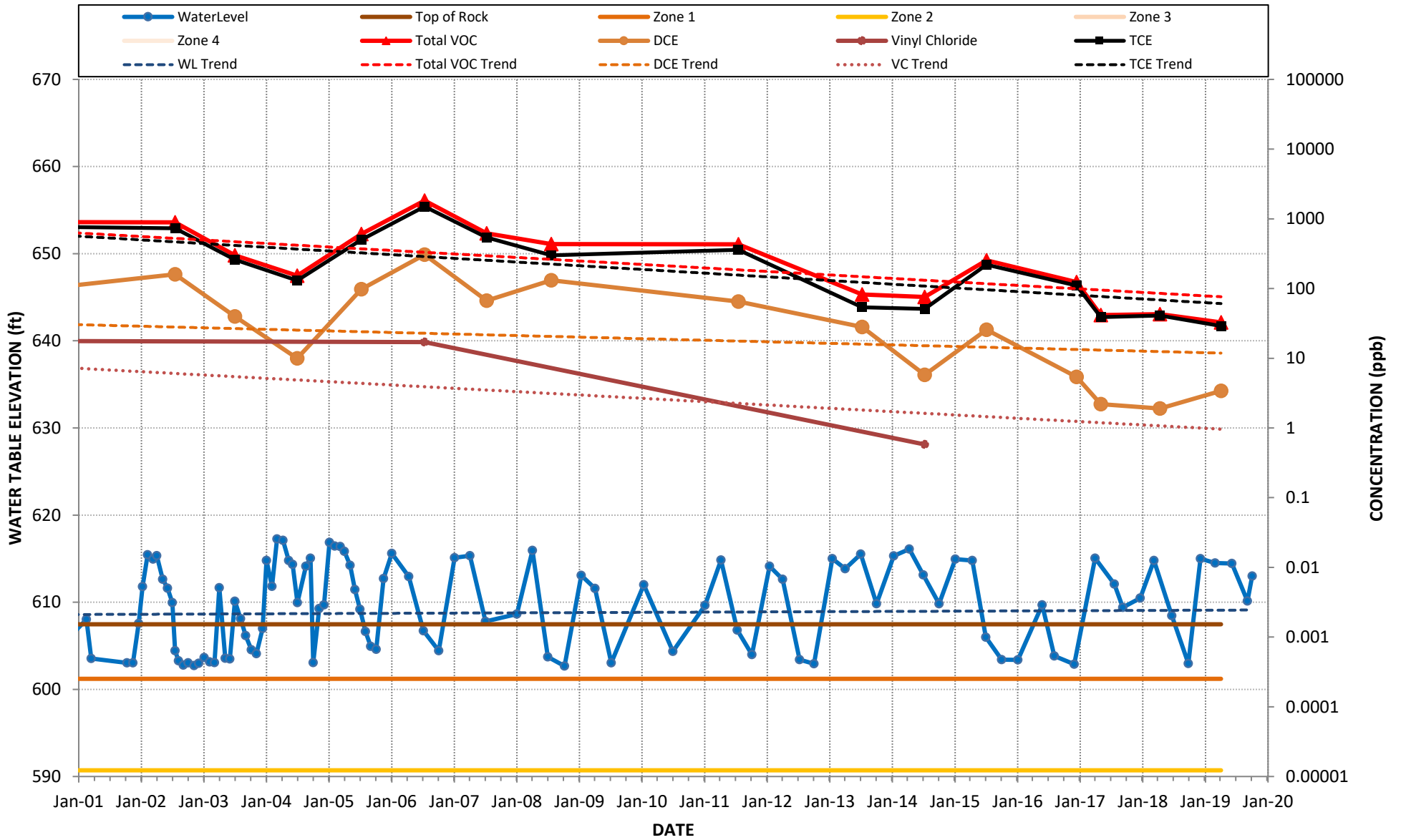


WATER LEVELS & CHLORINATED SOLVENT CONCENTRATIONS

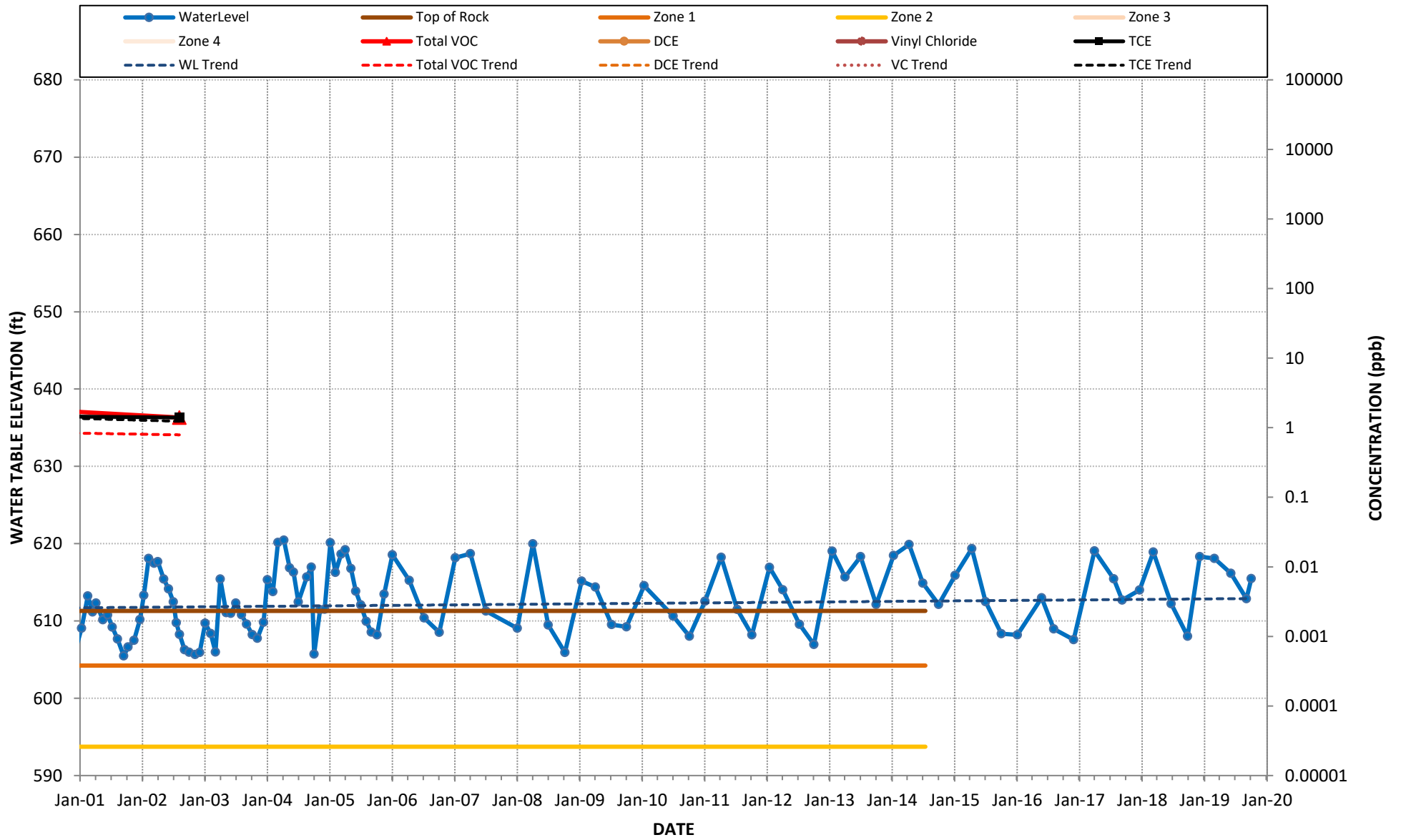
B-13M



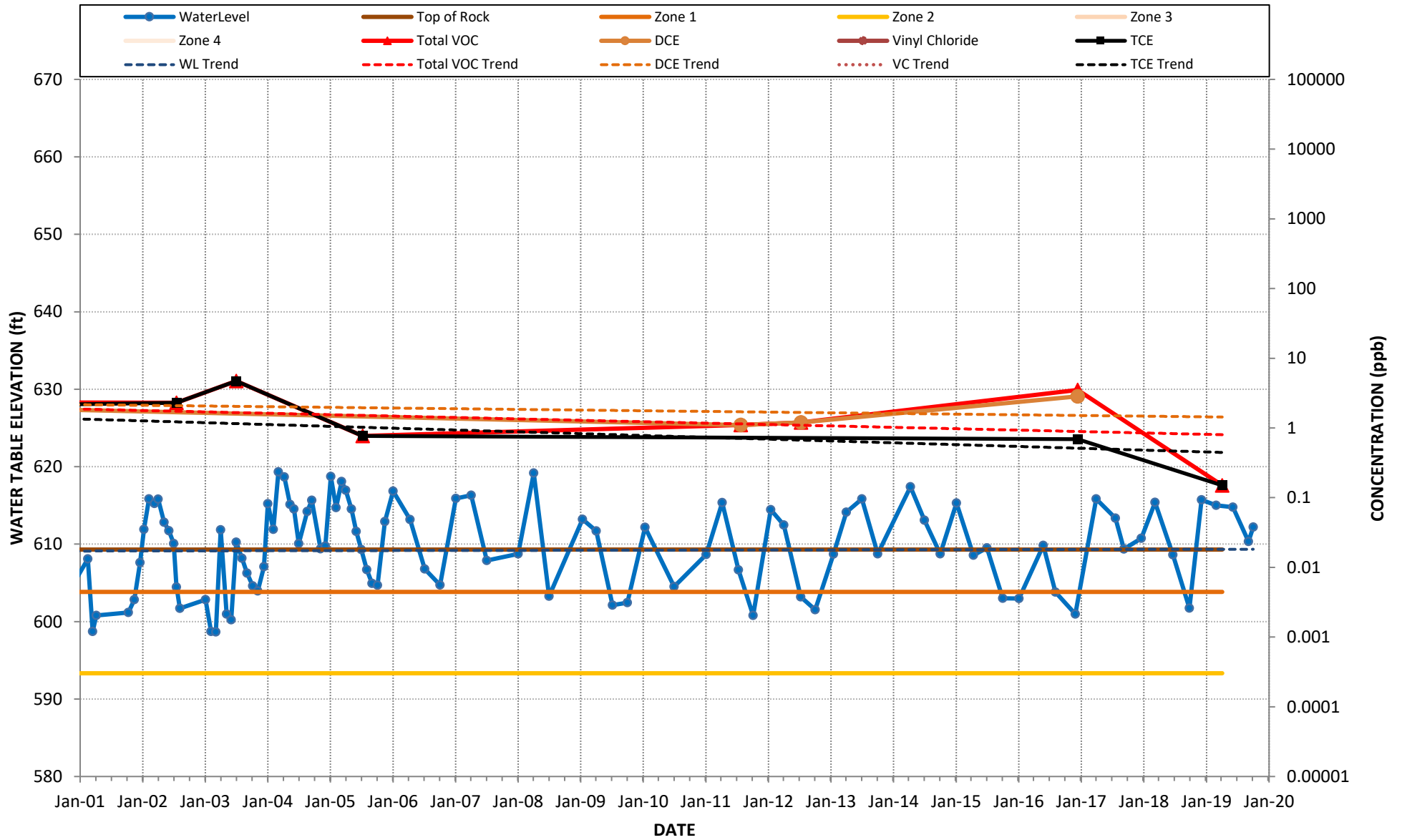
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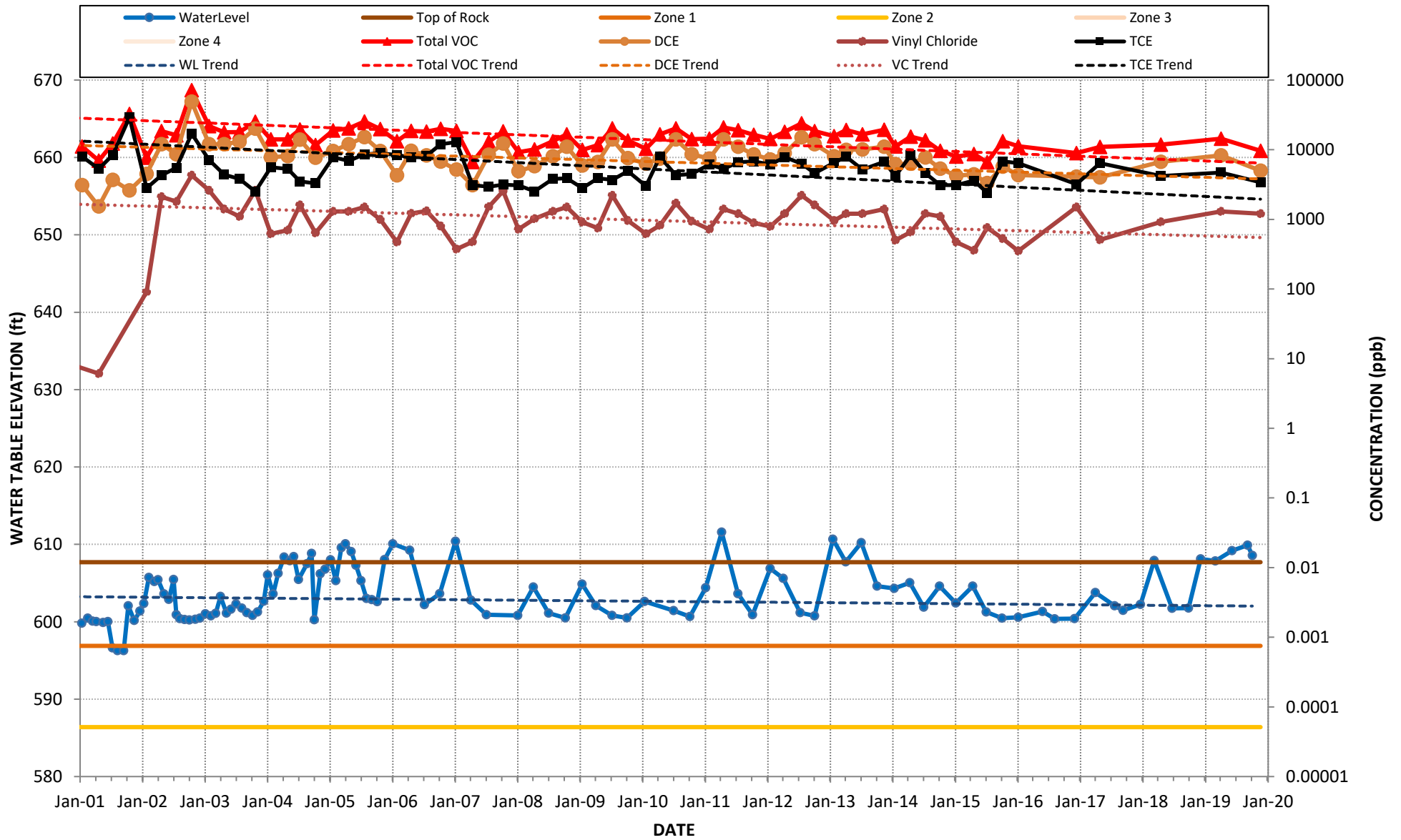
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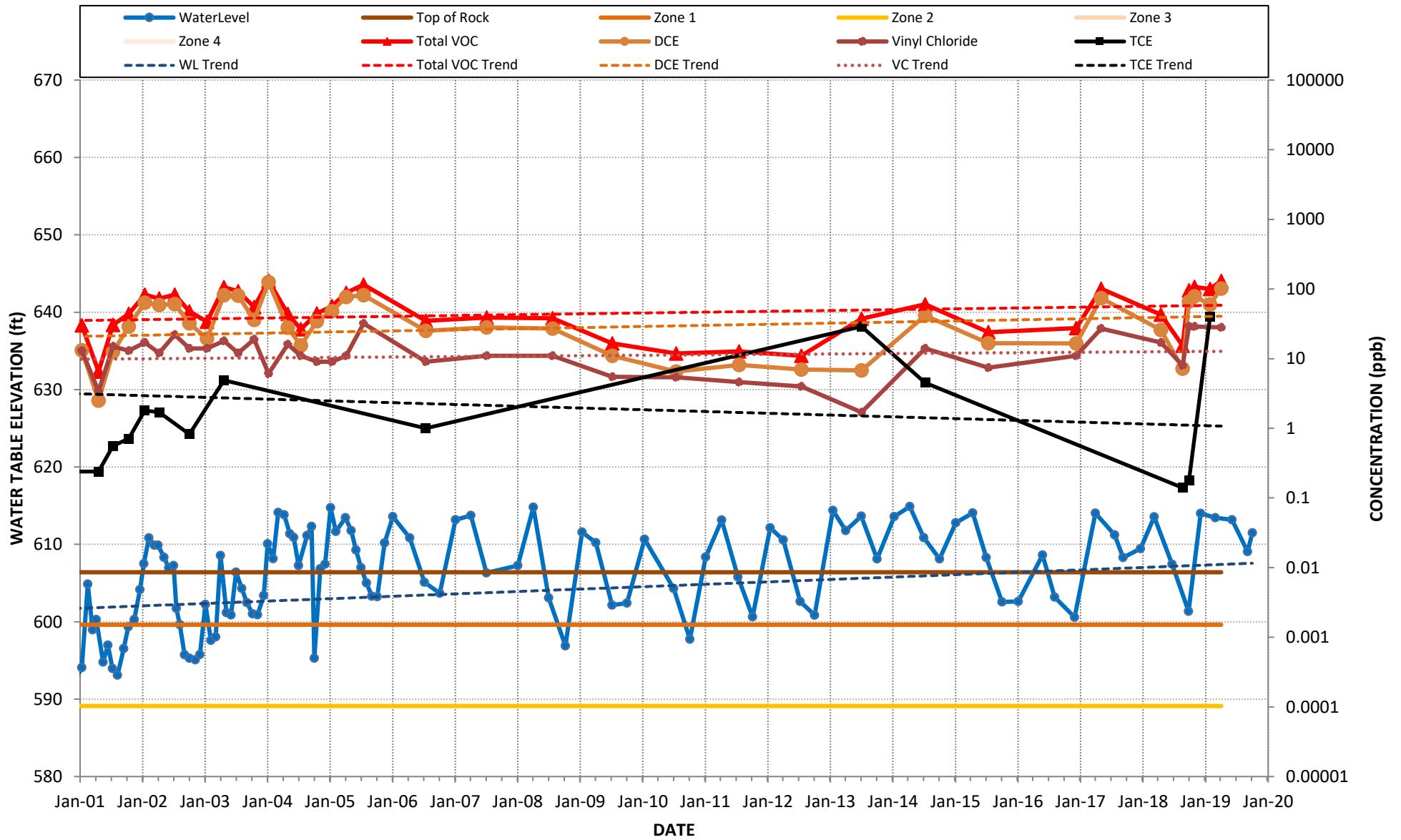
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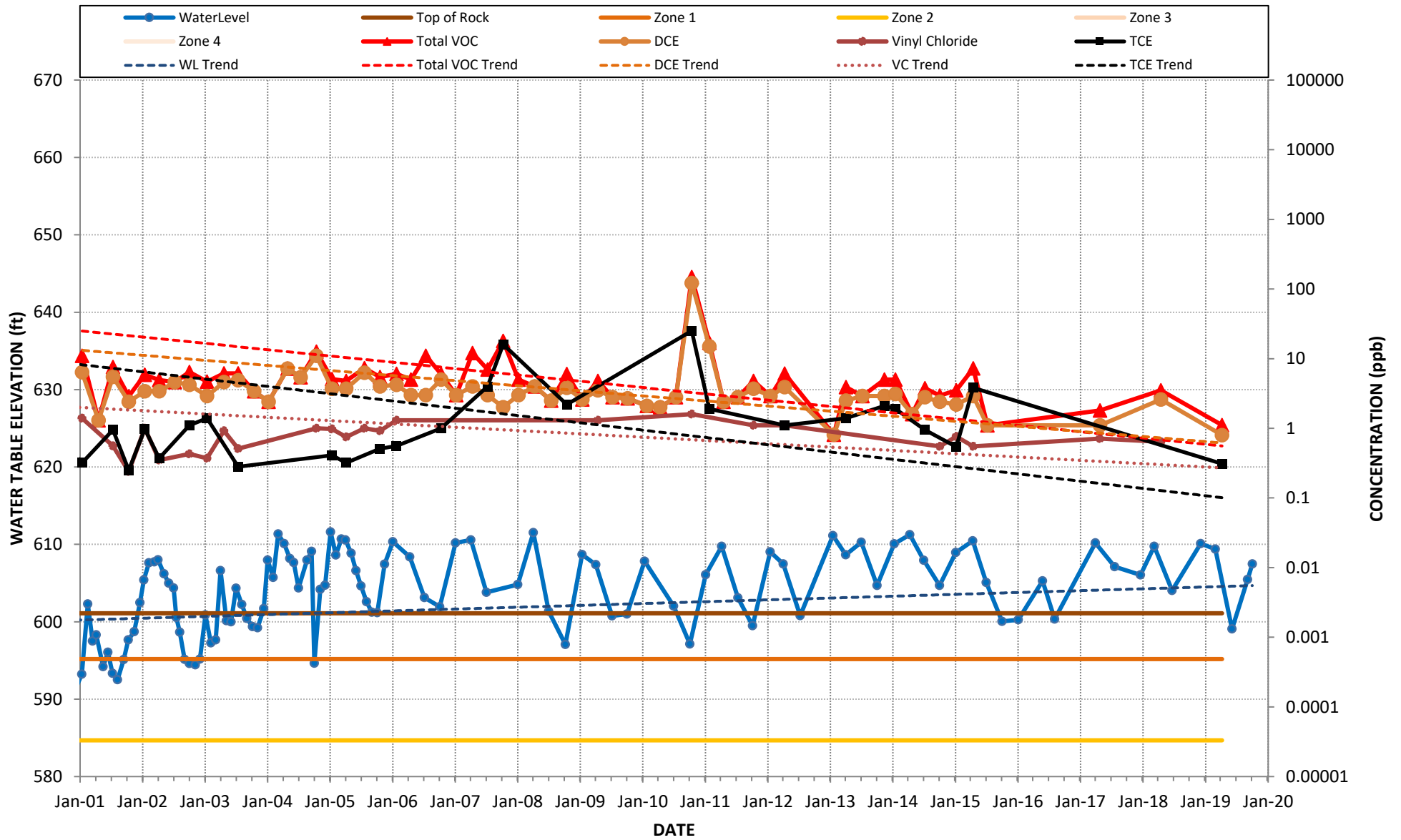
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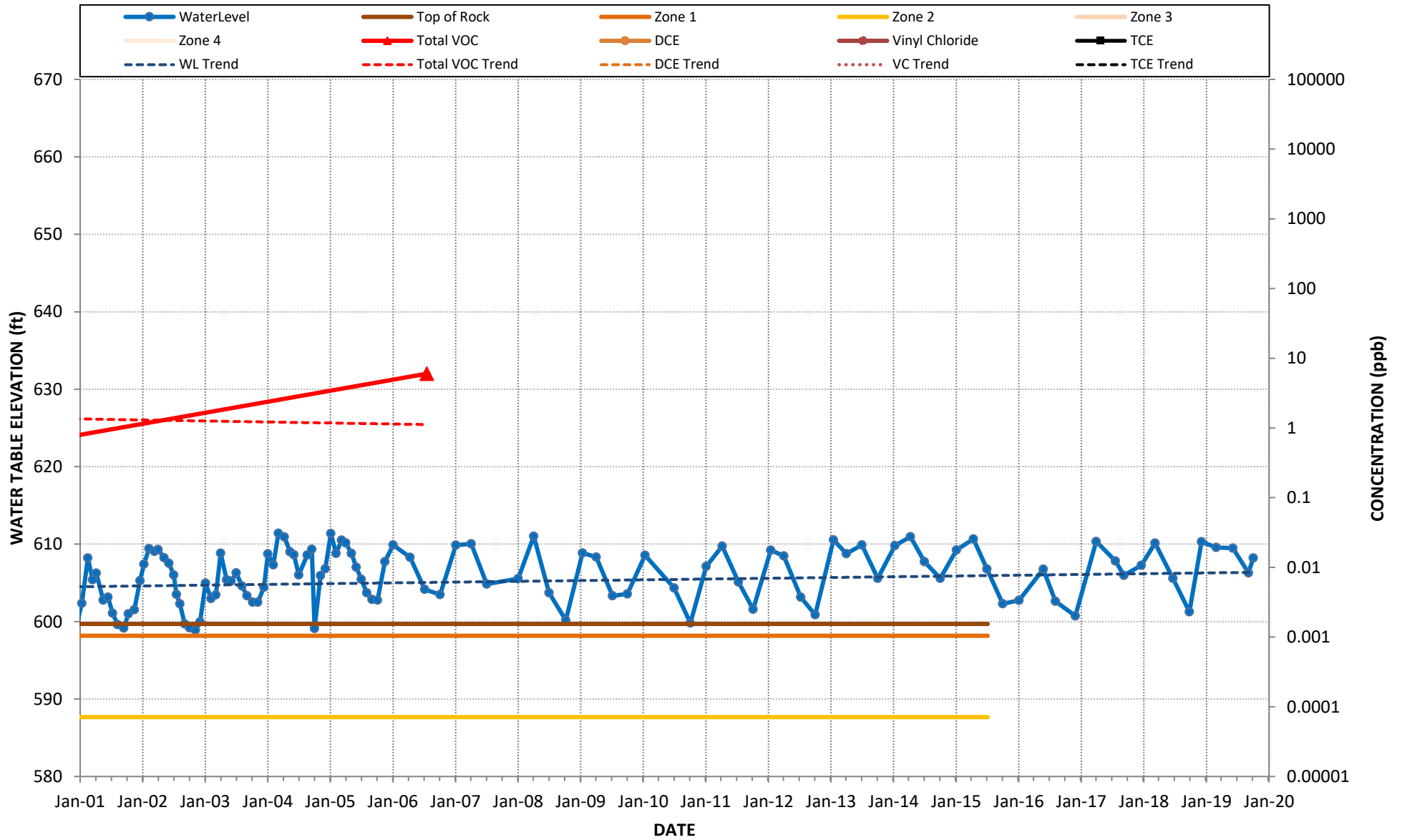
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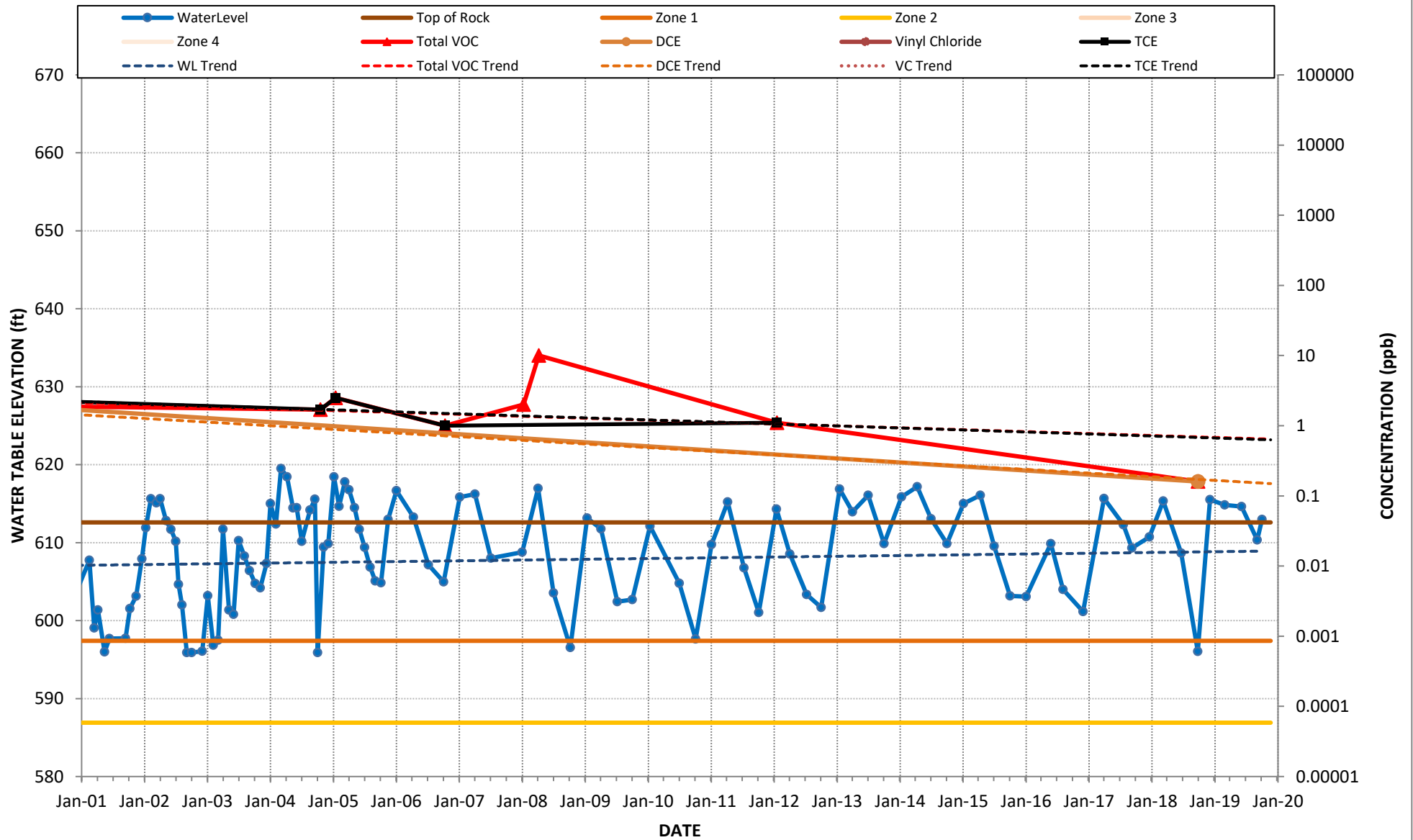
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WATER LEVELS & CHLORINATED SOLVENT CONCENTRATIONS B-20M

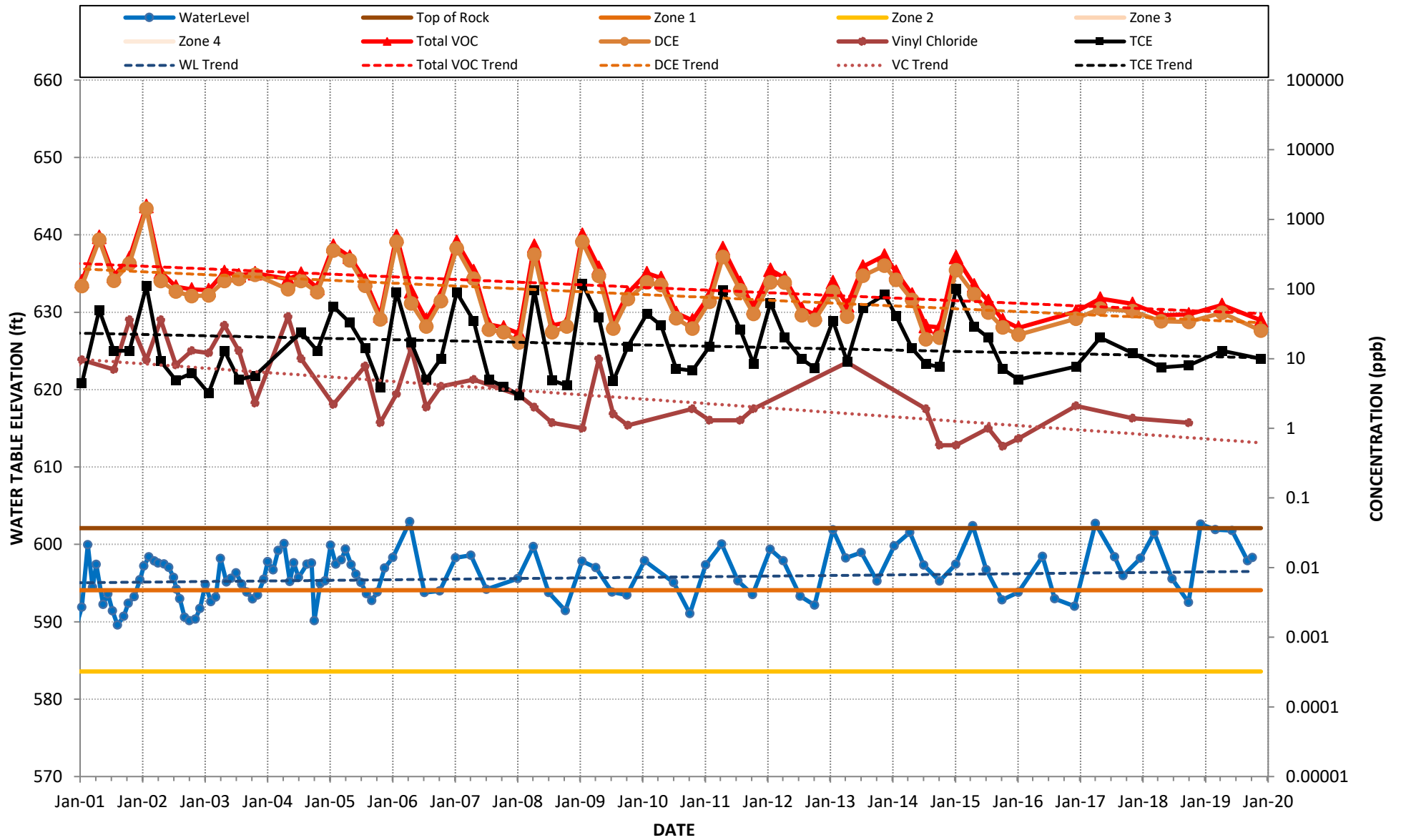


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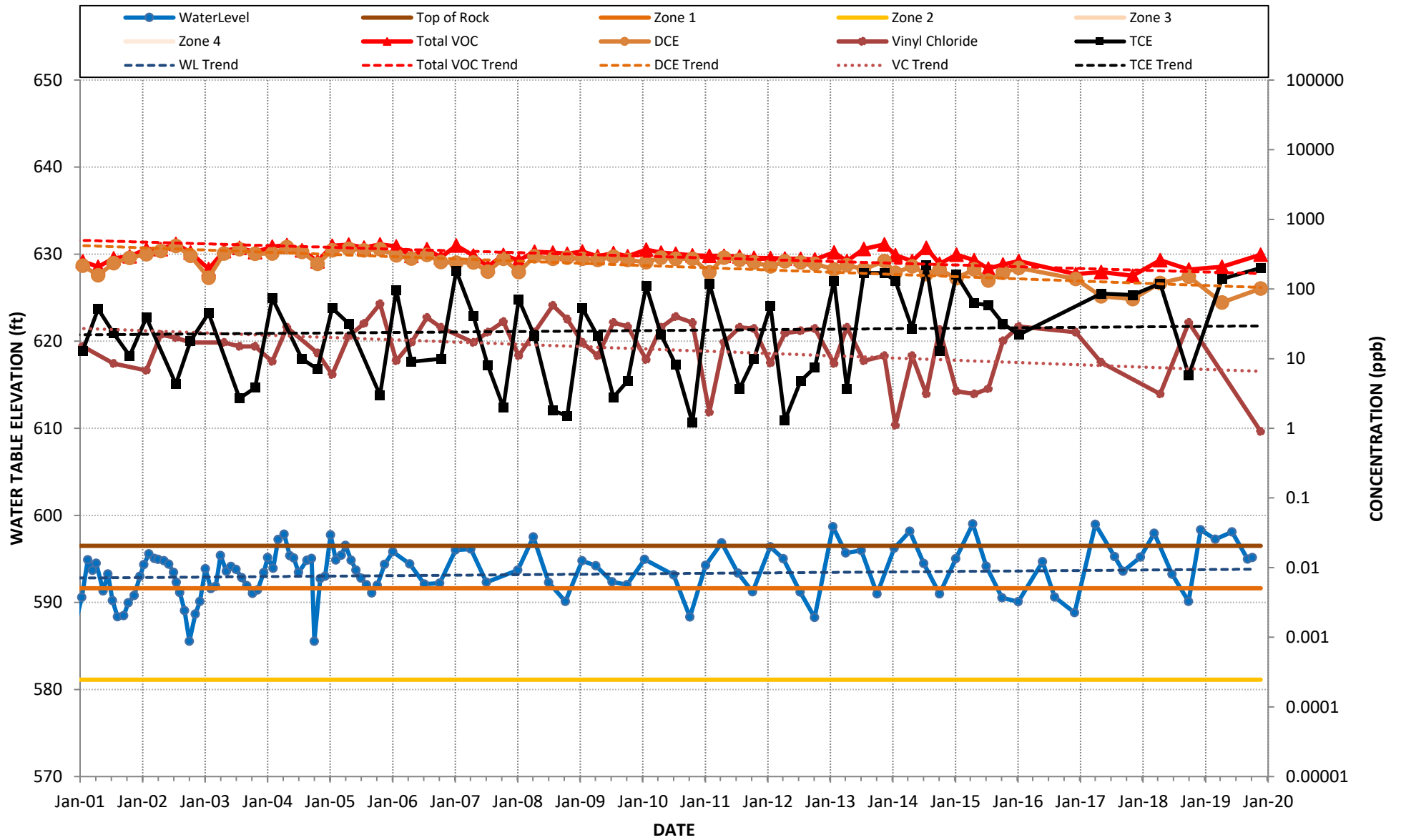


WATER LEVELS & CHLORINATED SOLVENT CONCENTRATIONS

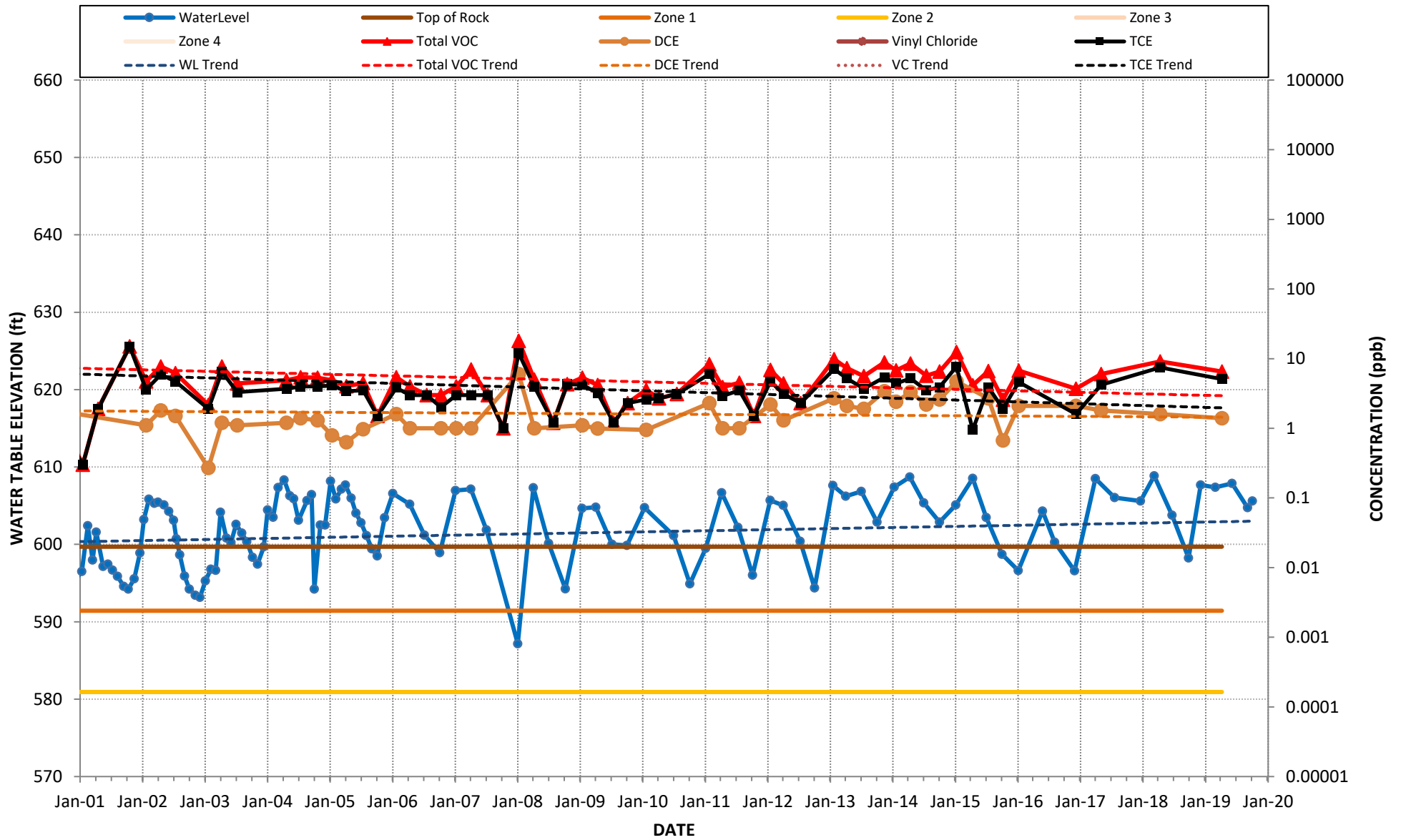
B-22M



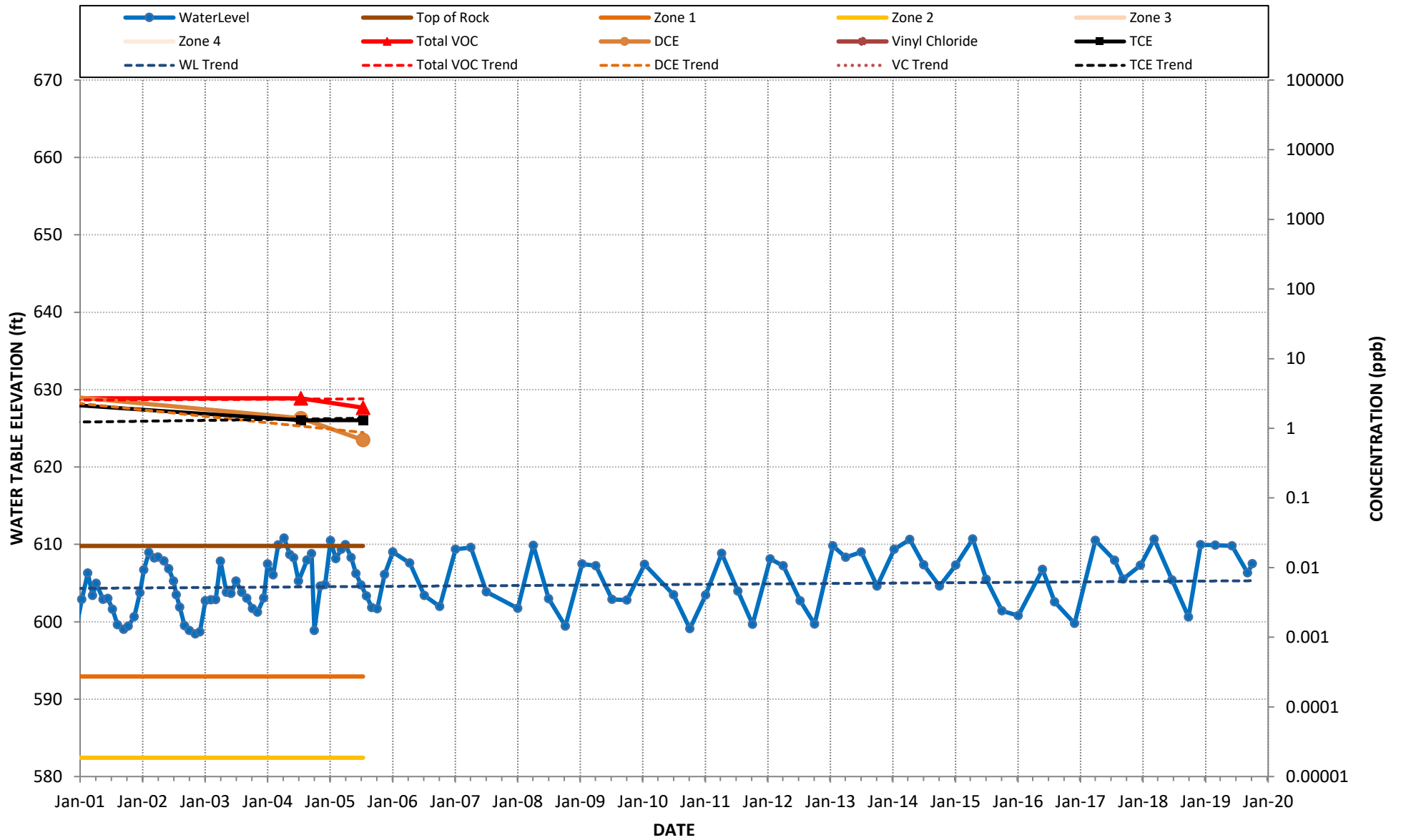
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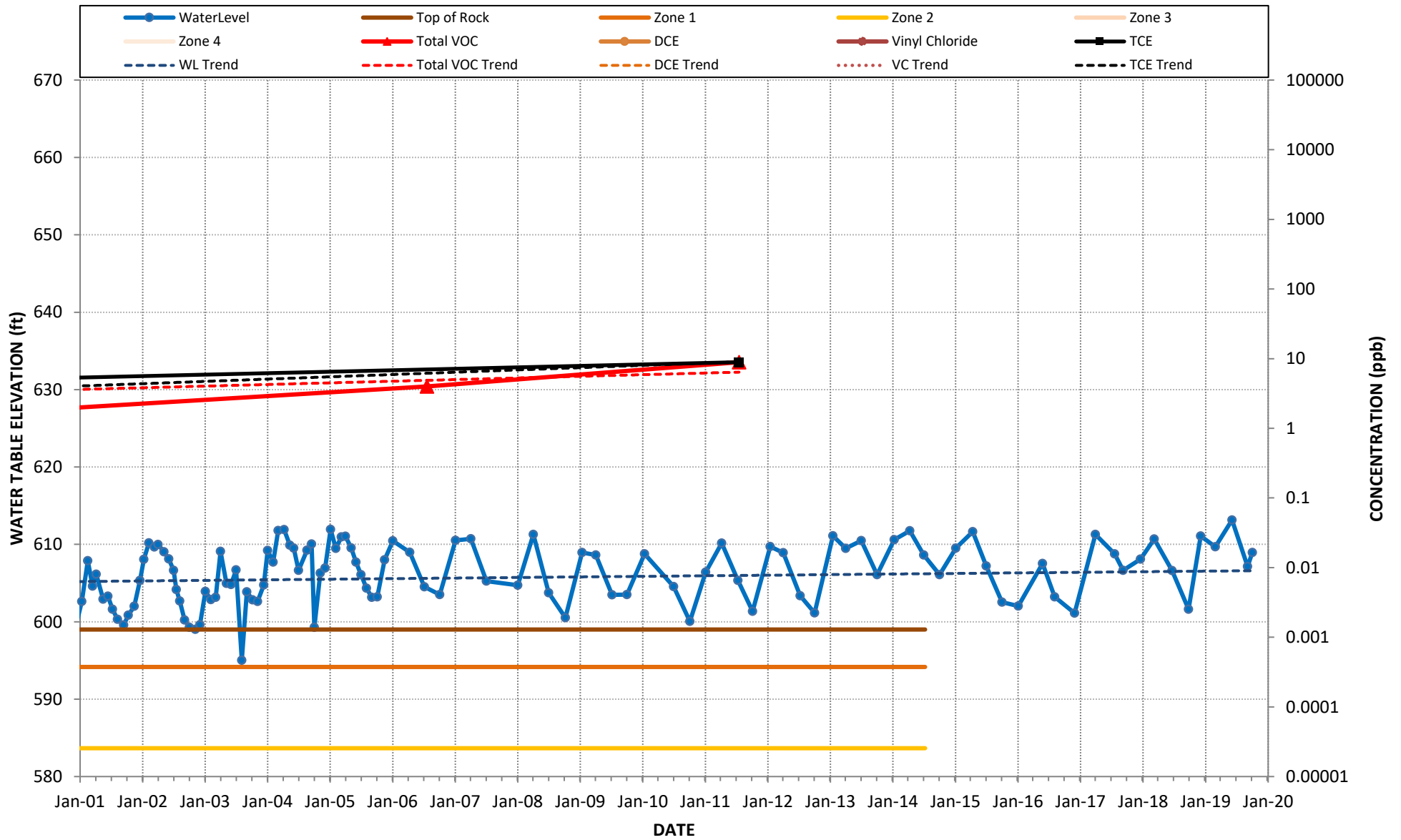
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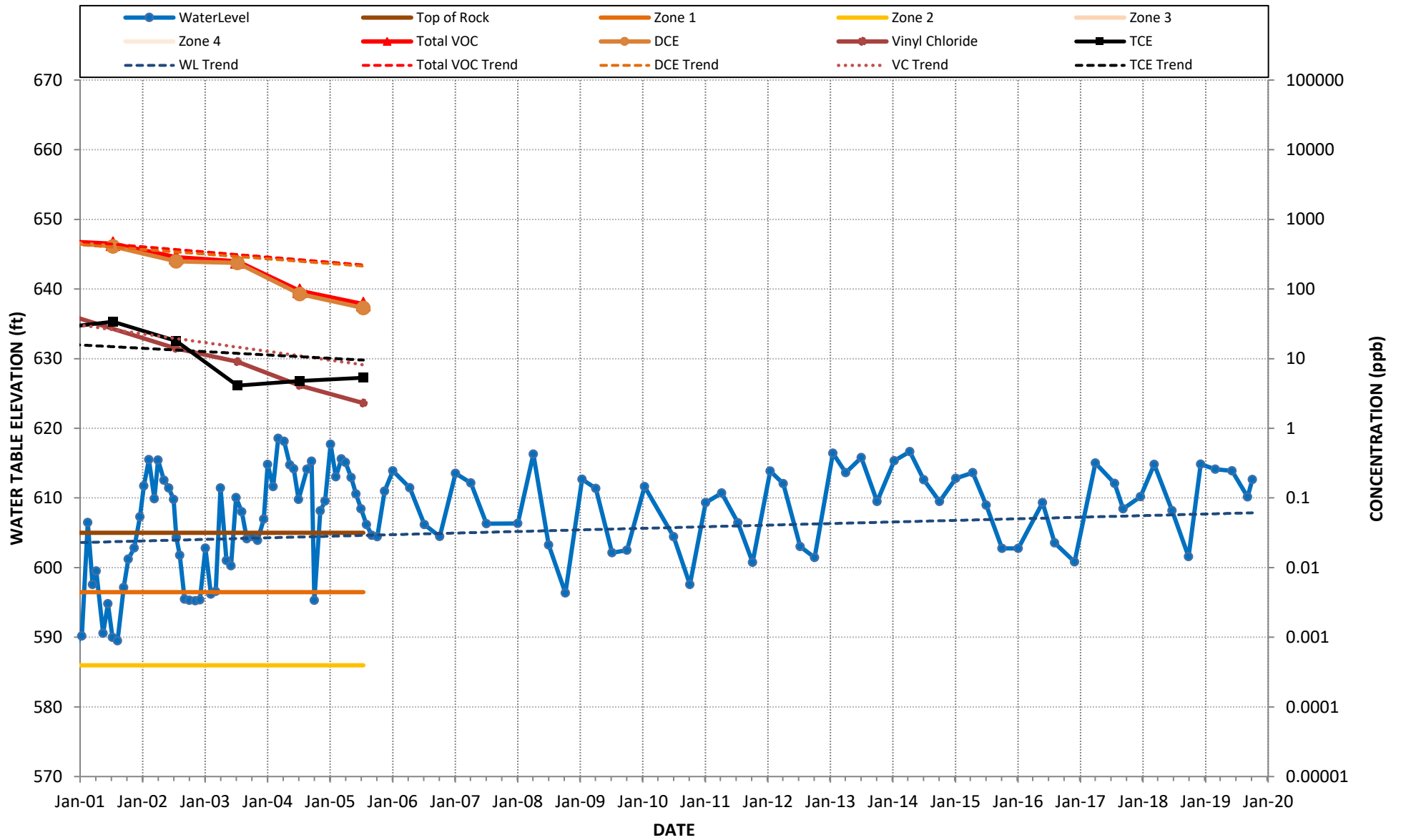
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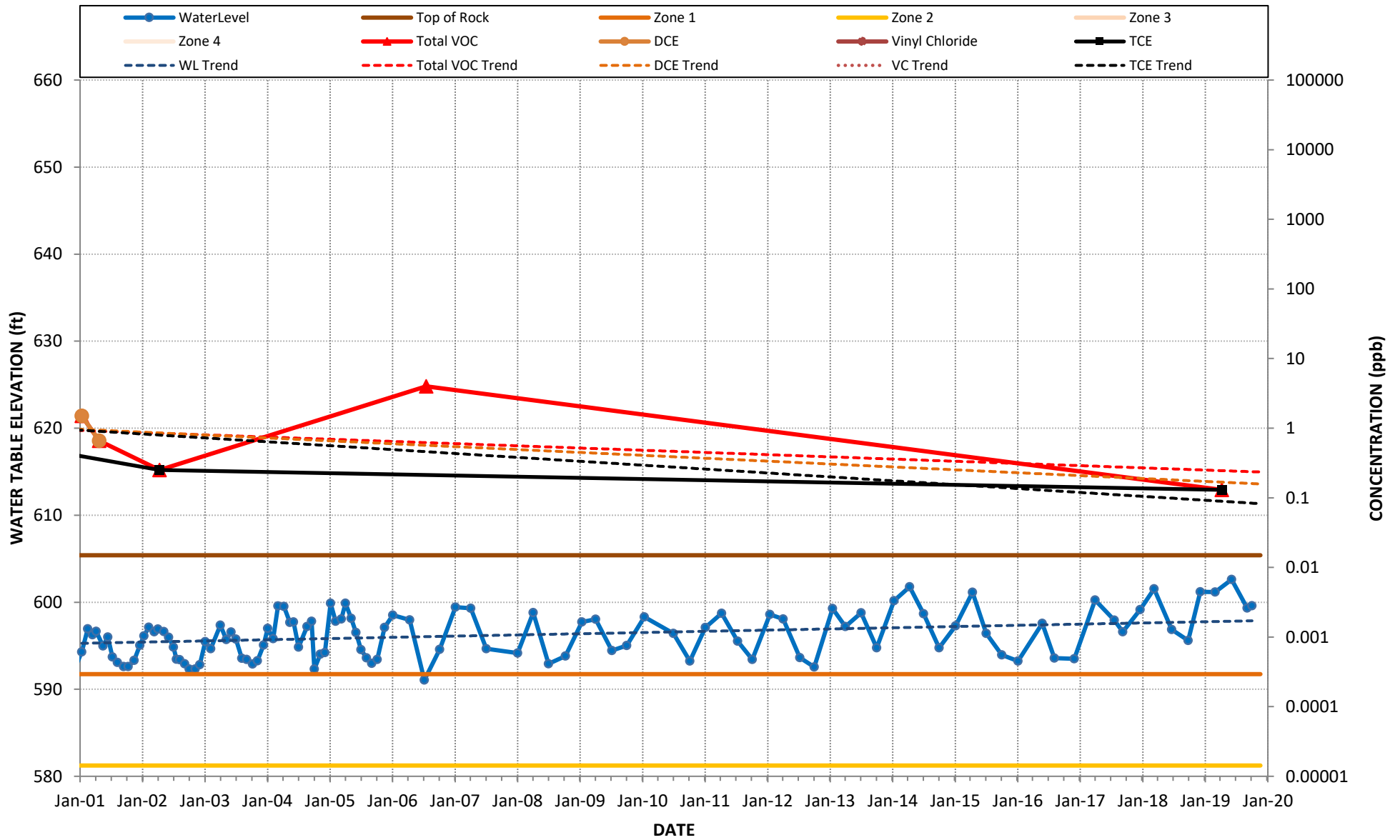
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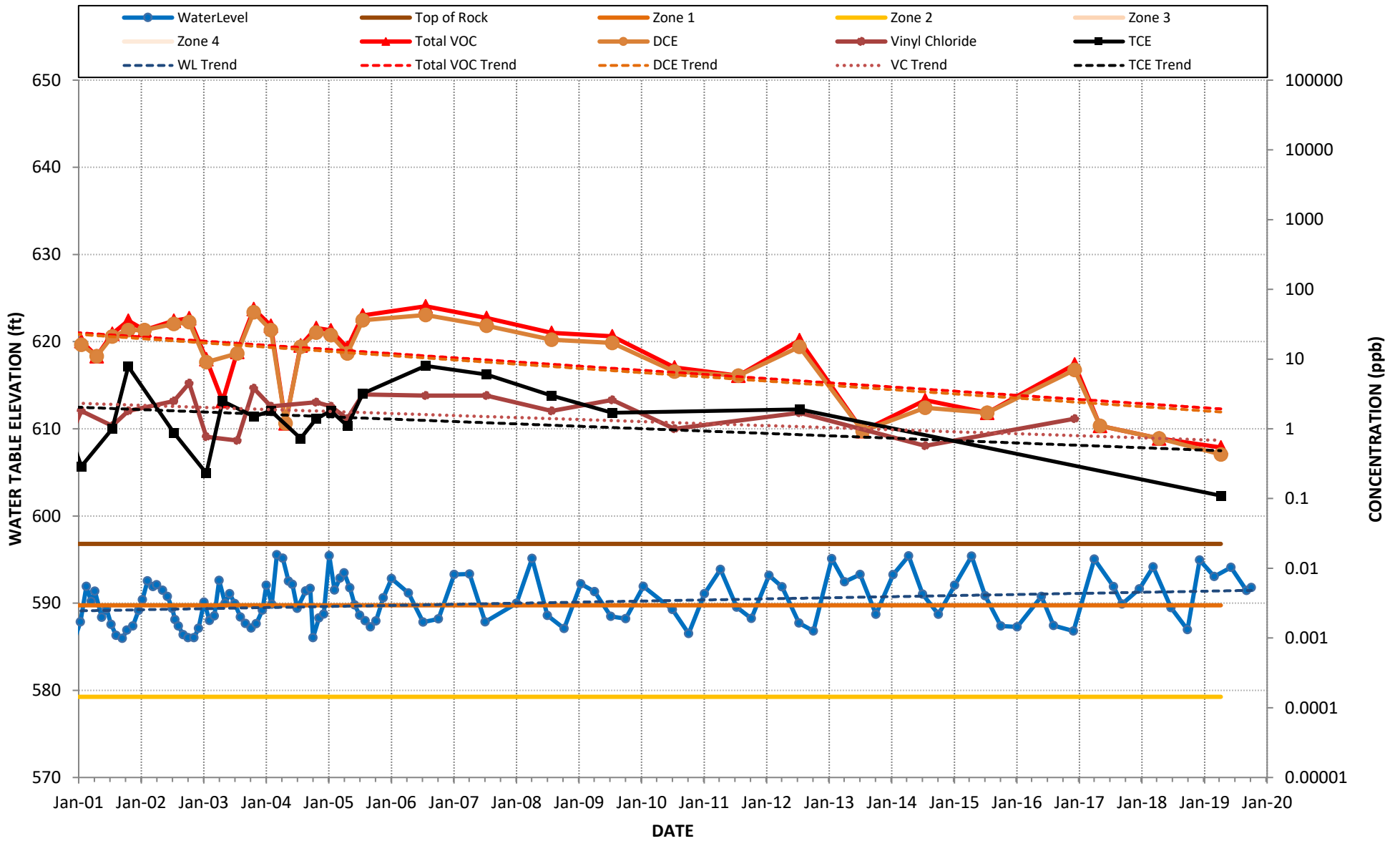
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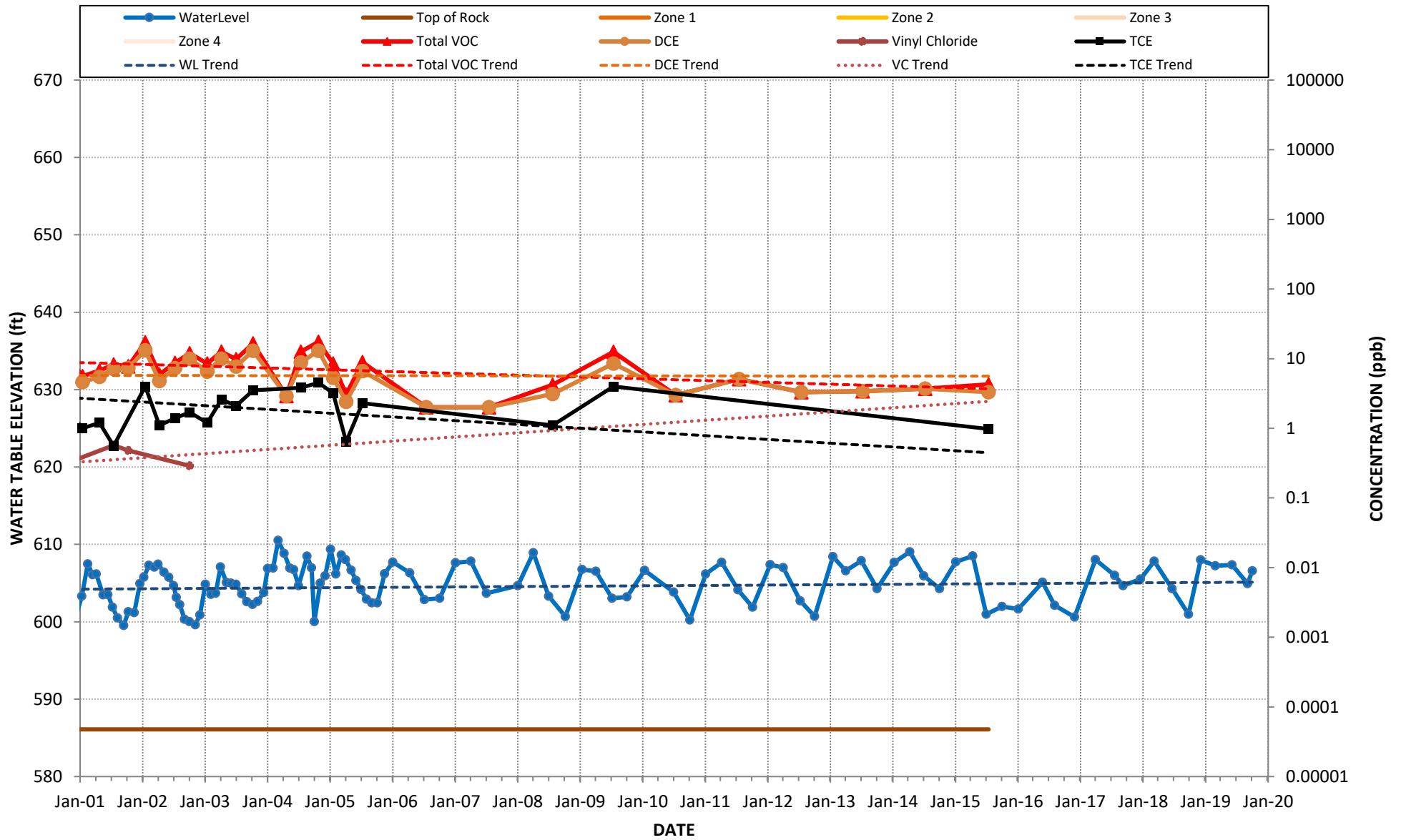
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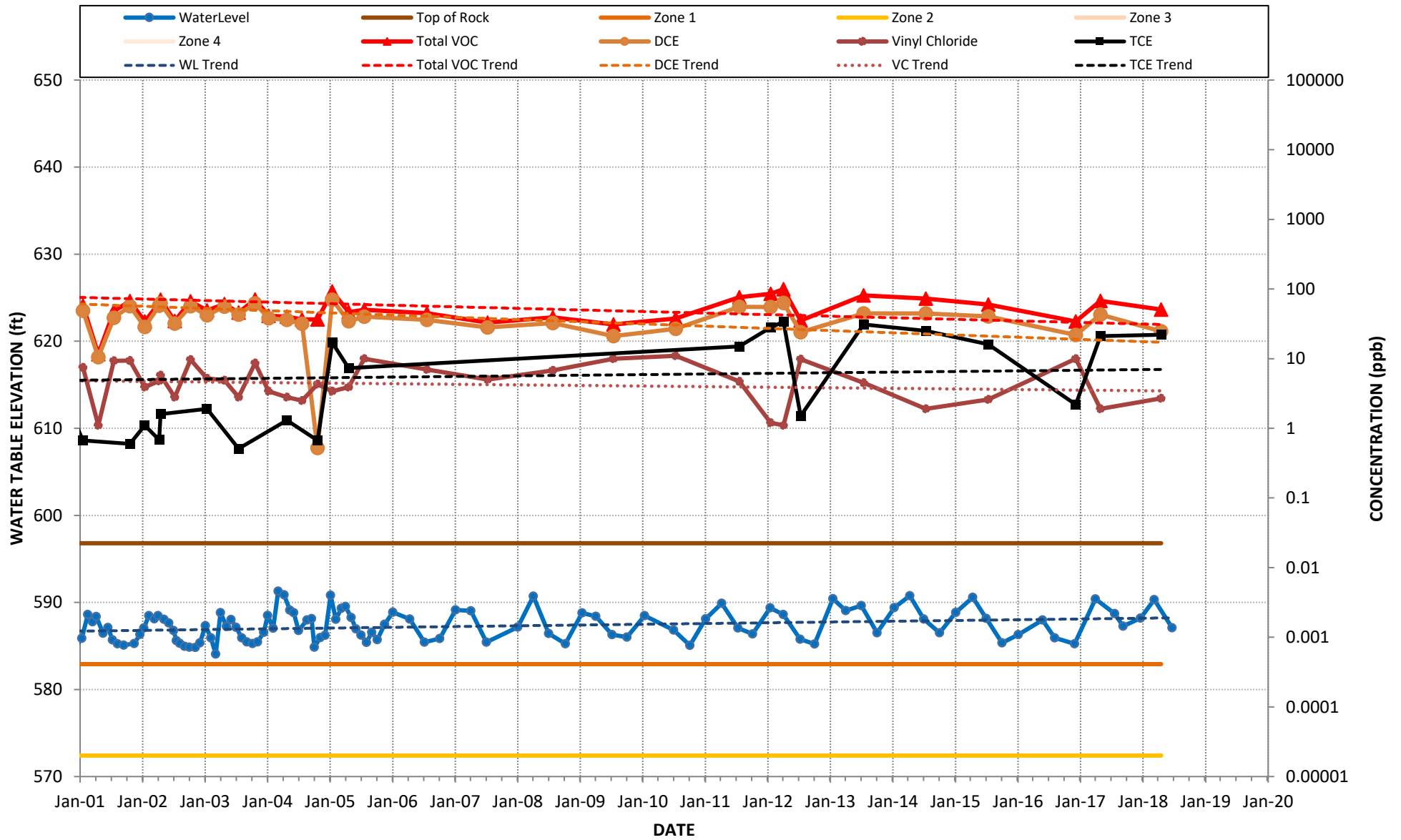
WATER LEVELS & CHLORINATED SOLVENT CONCENTRATIONS B-29M



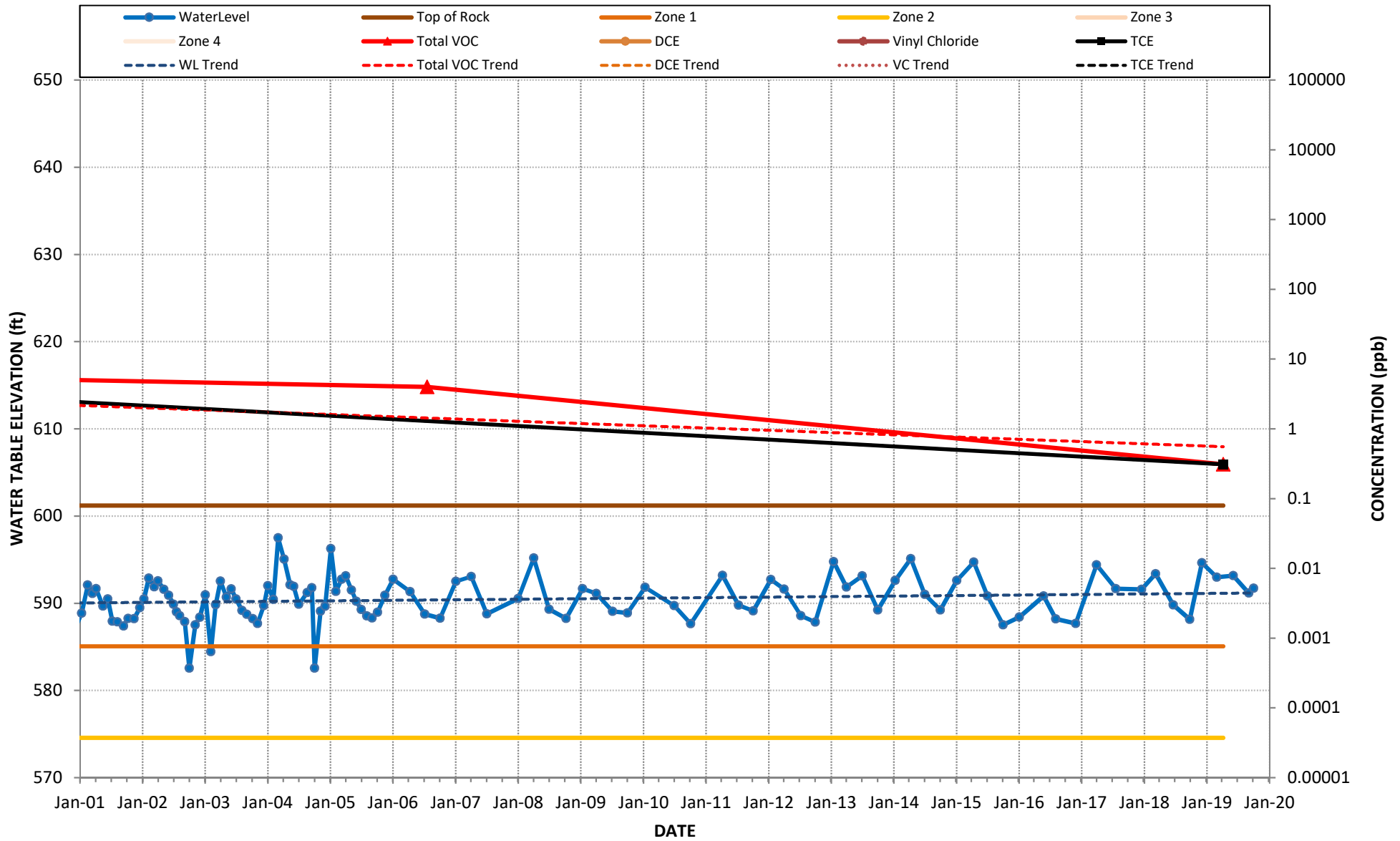
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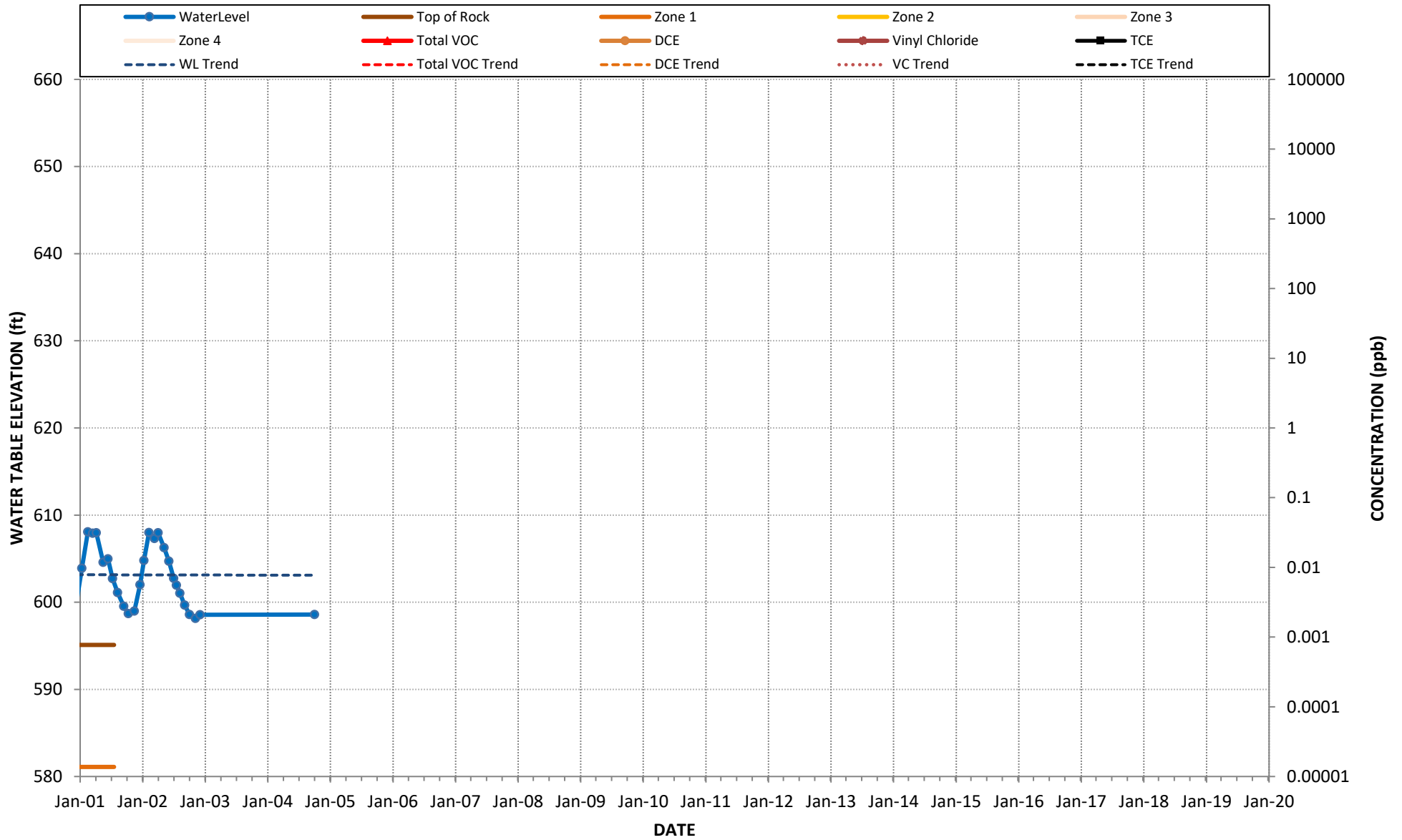
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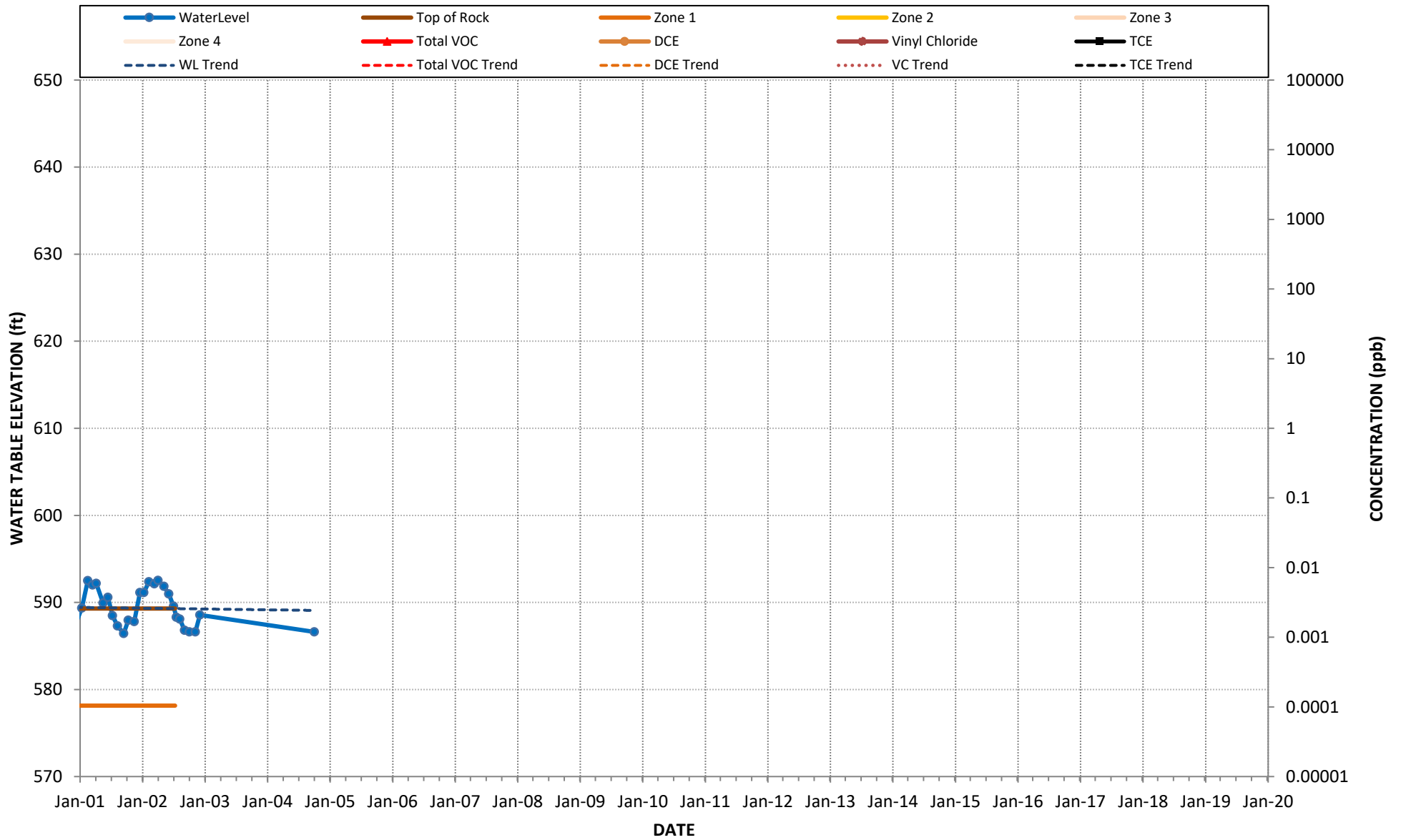
WATER LEVELS & CHLORINATED SOLVENT CONCENTRATIONS B-33M



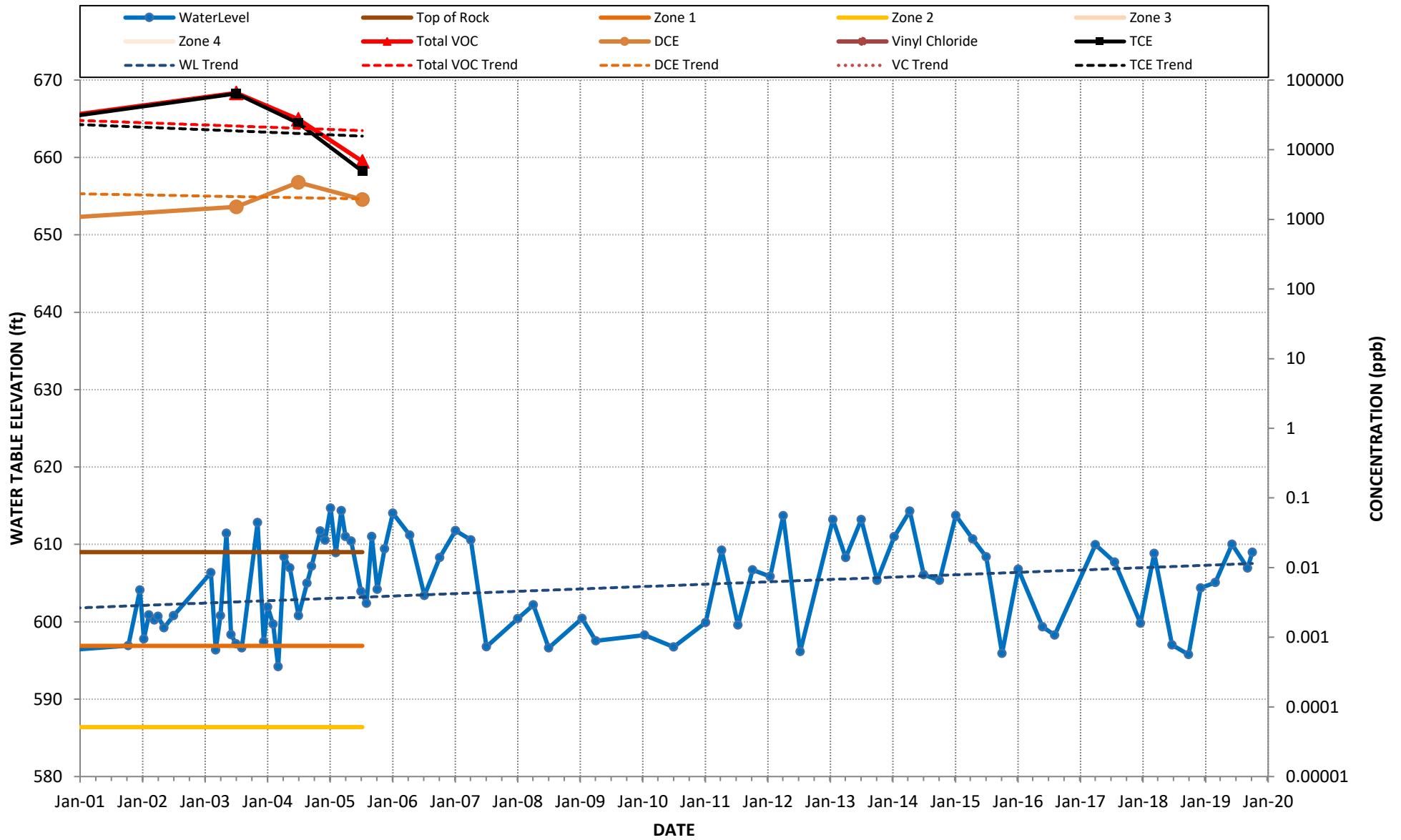
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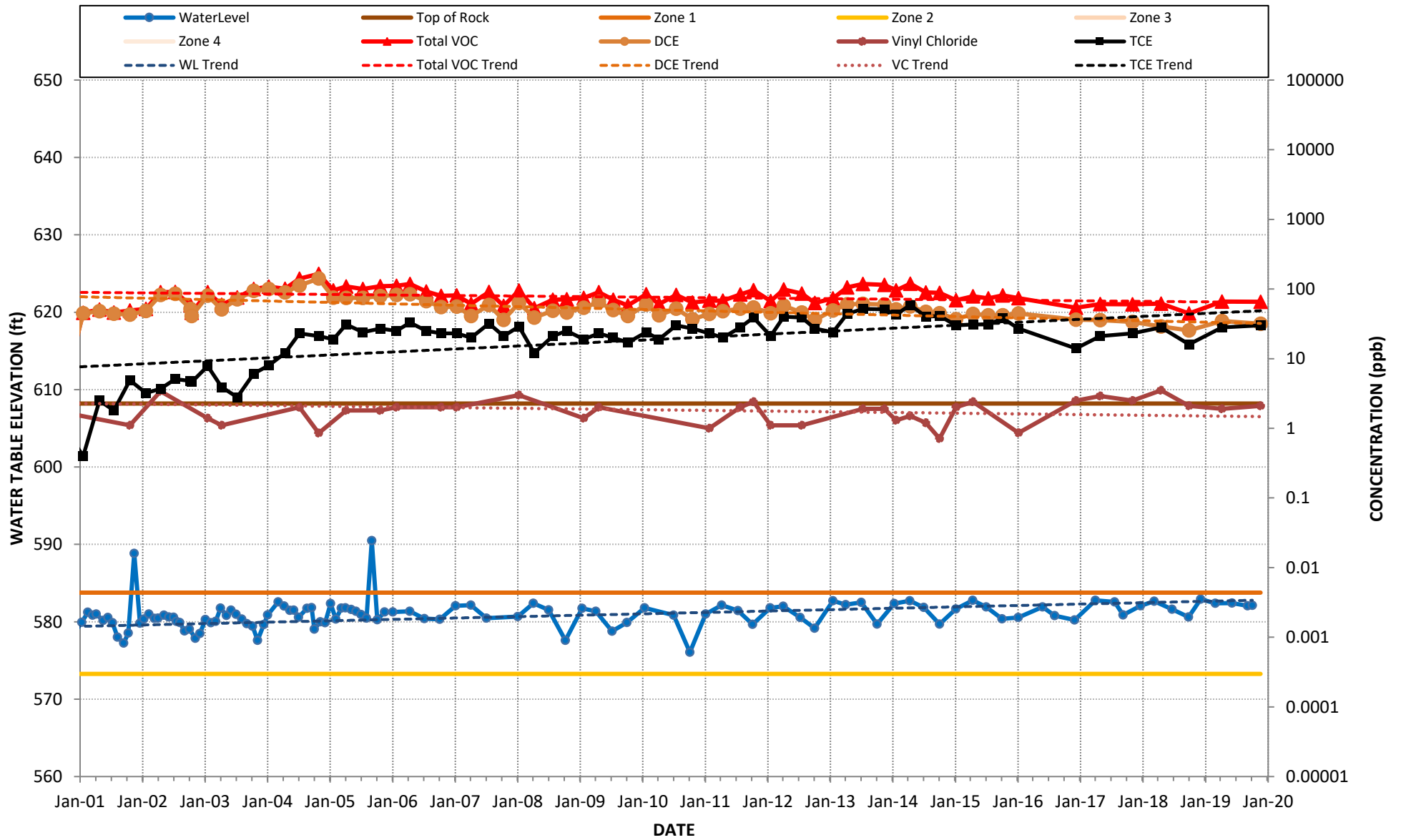
WATER LEVELS & CHLORINATED SOLVENT CONCENTRATIONS B-35M



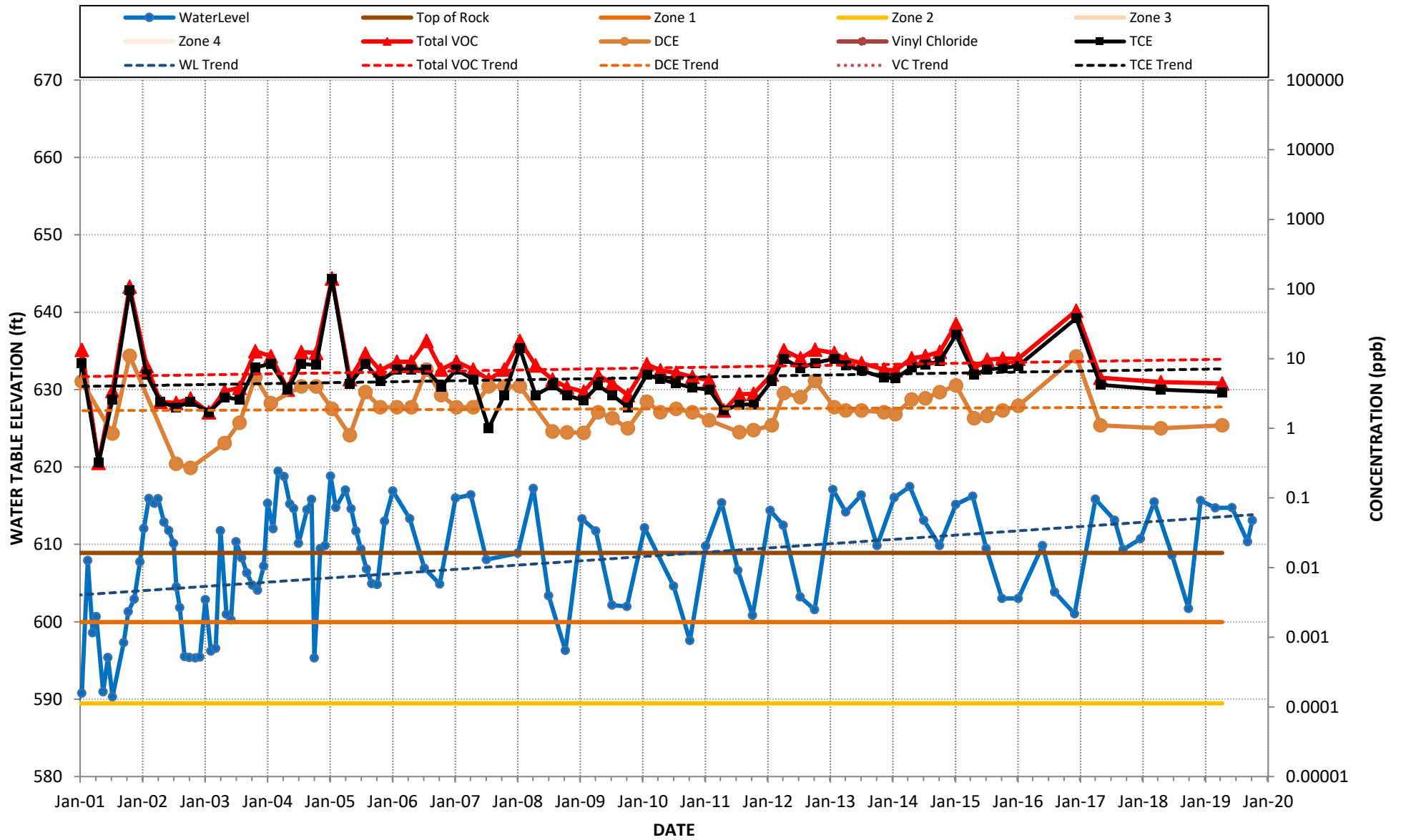
WATER LEVELS & CHLORINATED SOLVENT CONCENTRATIONS B-37M



WATER LEVELS & CHLORINATED SOLVENT CONCENTRATIONS B-38M

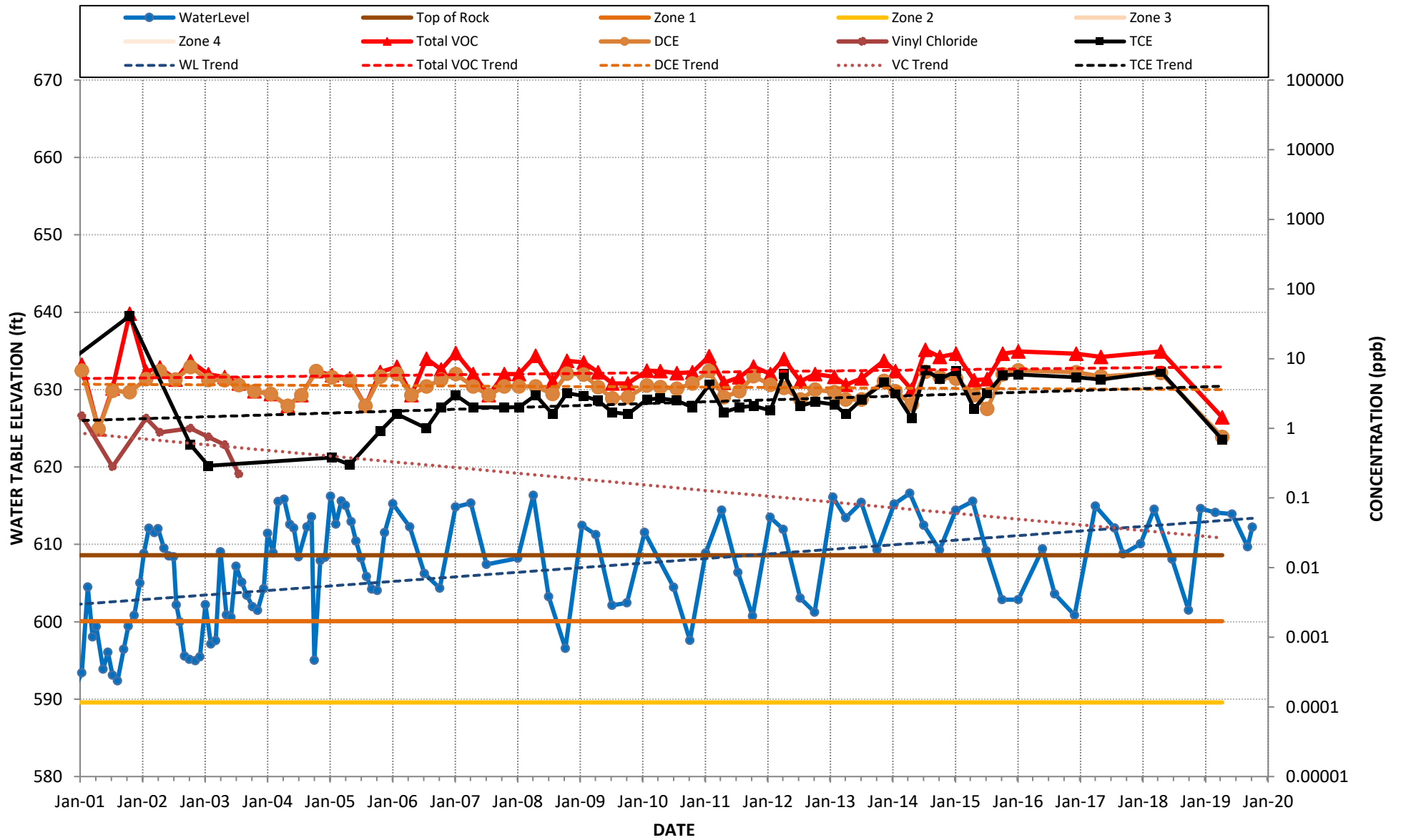


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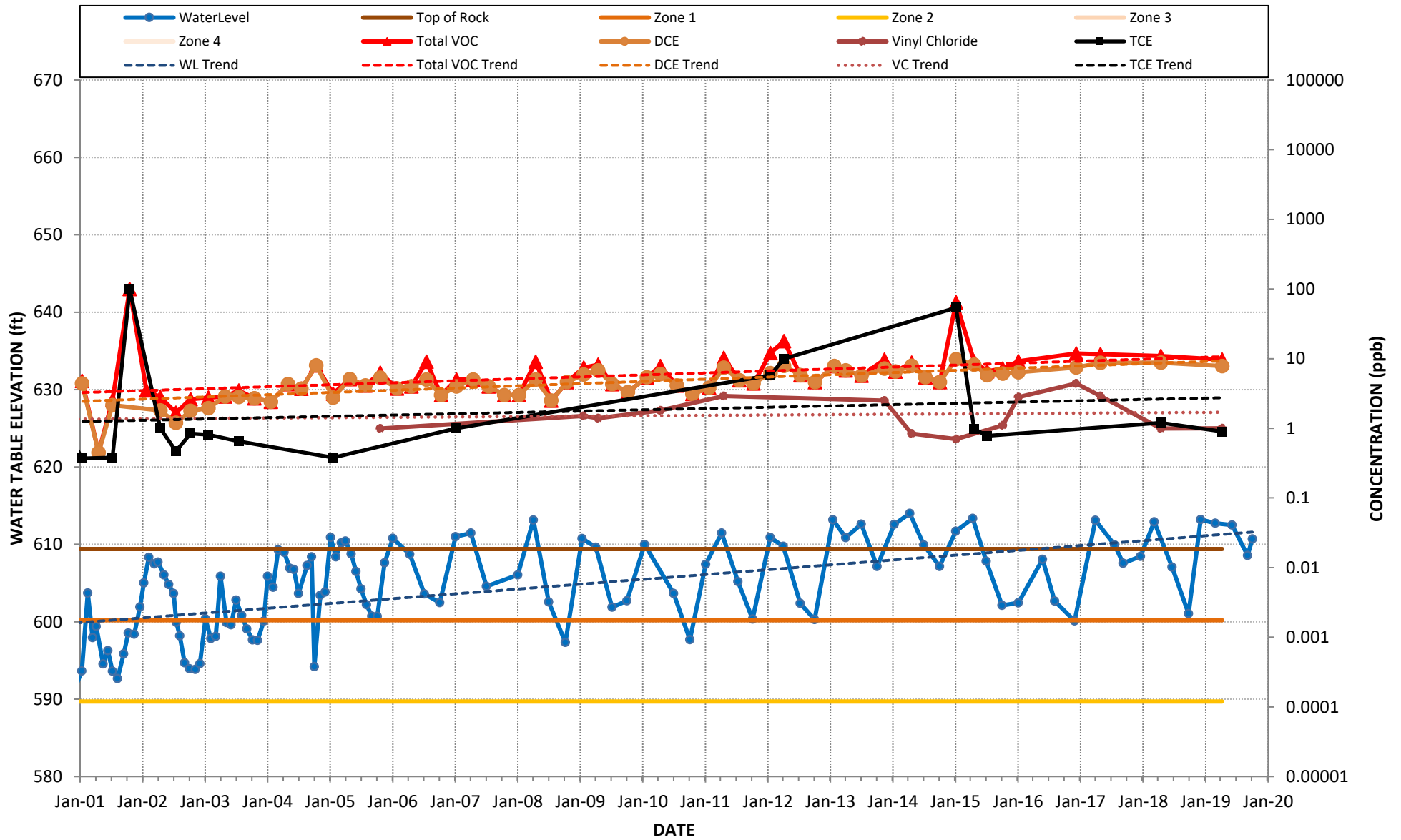


WATER LEVELS & CHLORINATED SOLVENT CONCENTRATIONS

B-40M

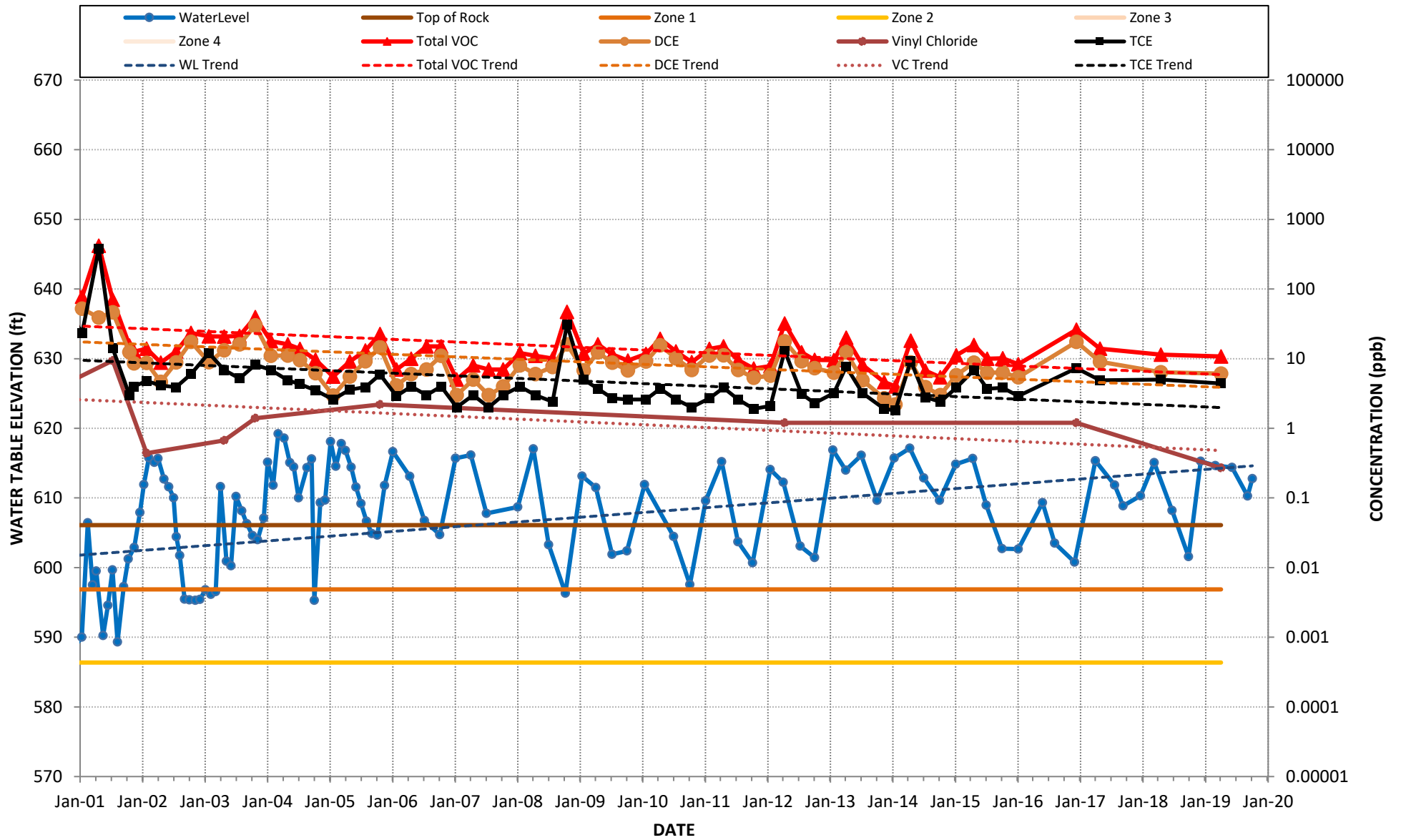


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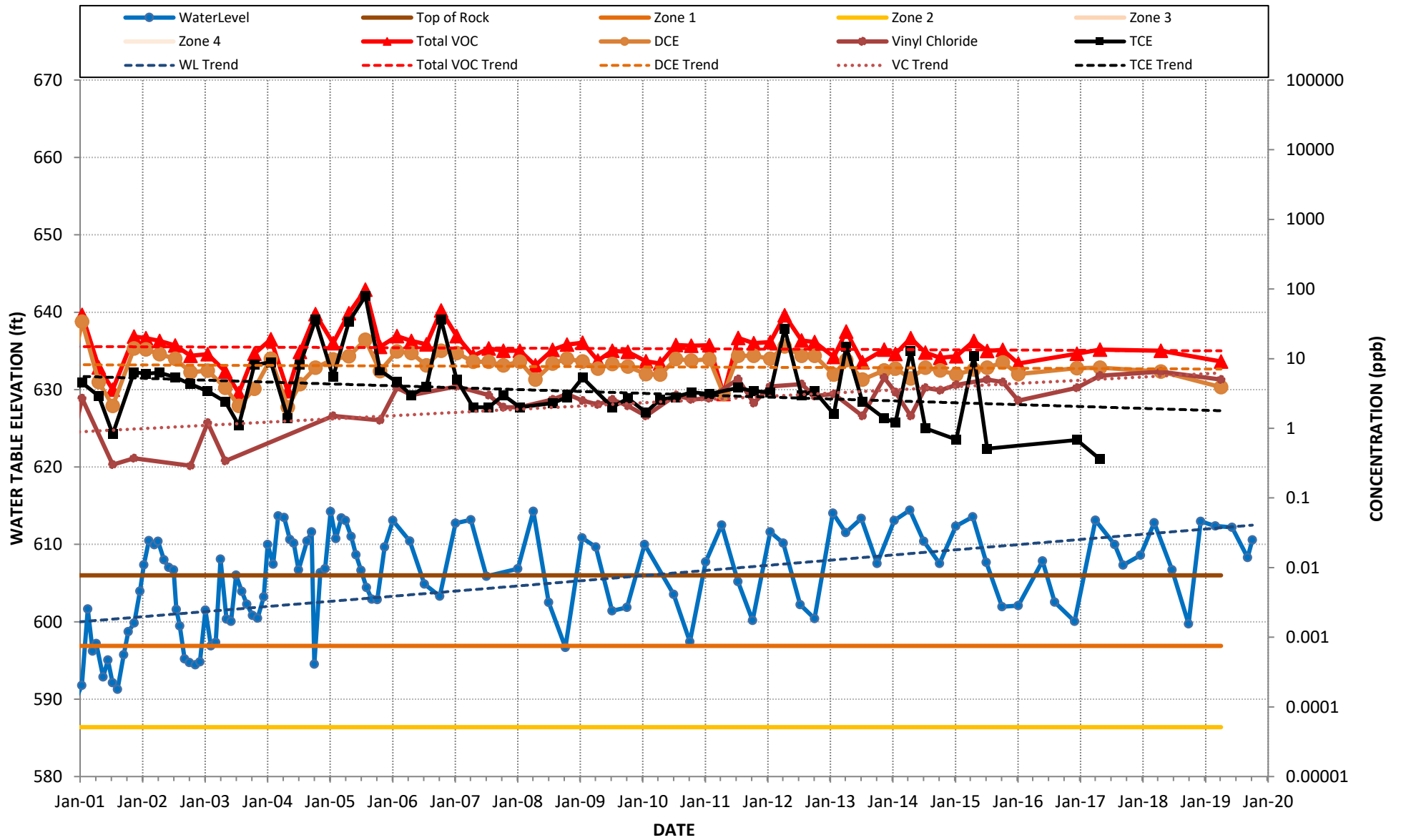
WATER LEVELS & CHLORINATED SOLVENT CONCENTRATIONS

B-42M

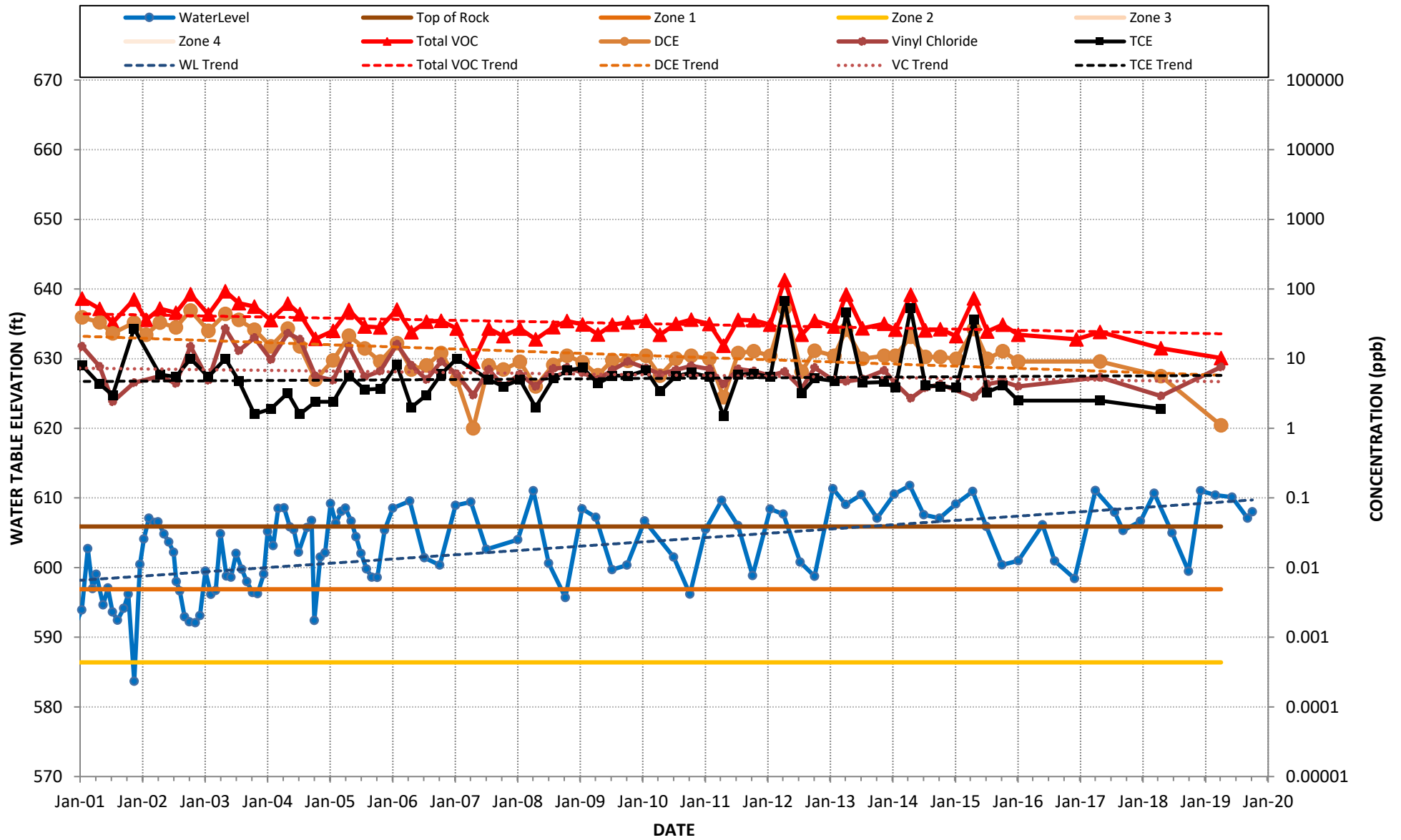


WATER LEVELS & CHLORINATED SOLVENT CONCENTRATIONS

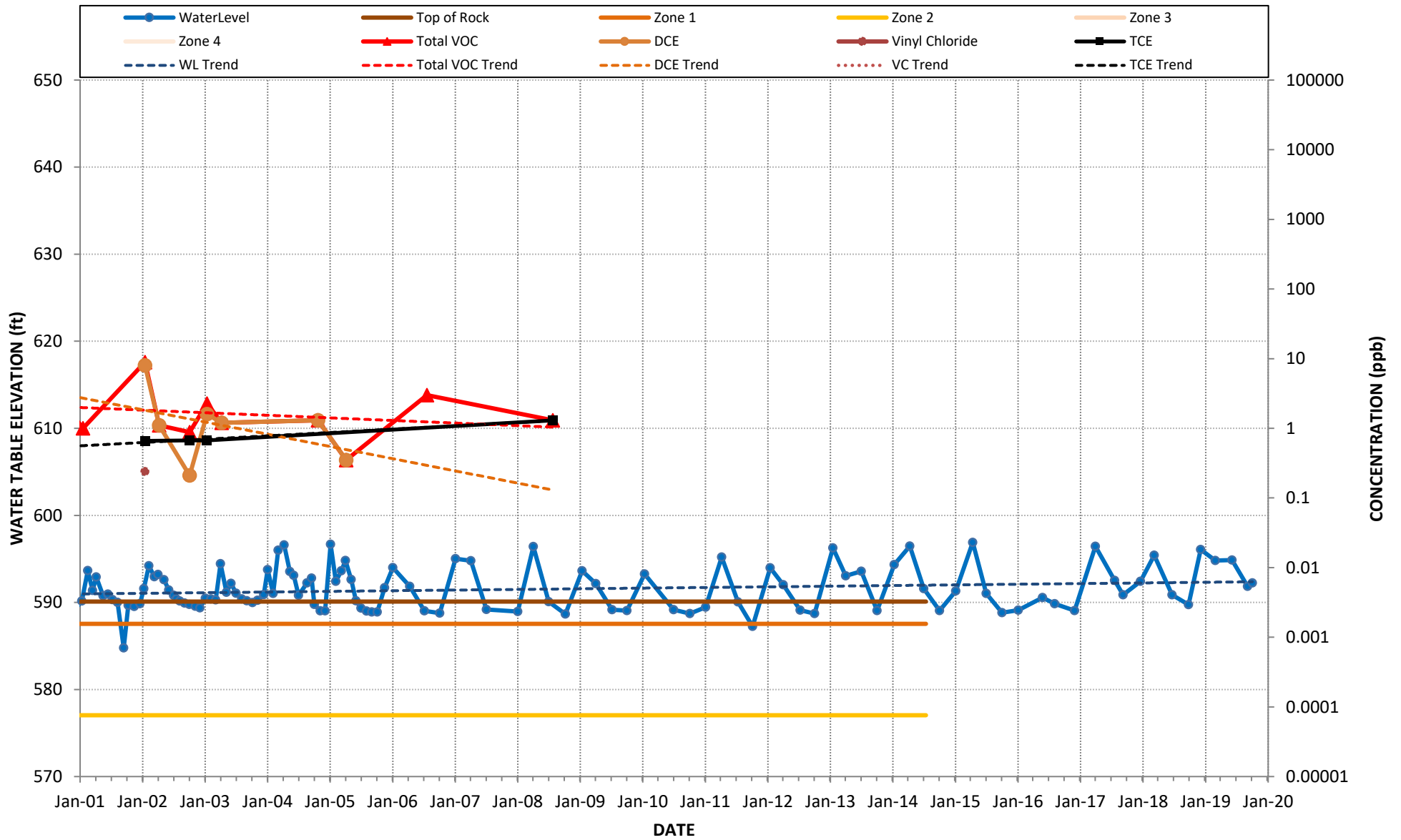
B-43M



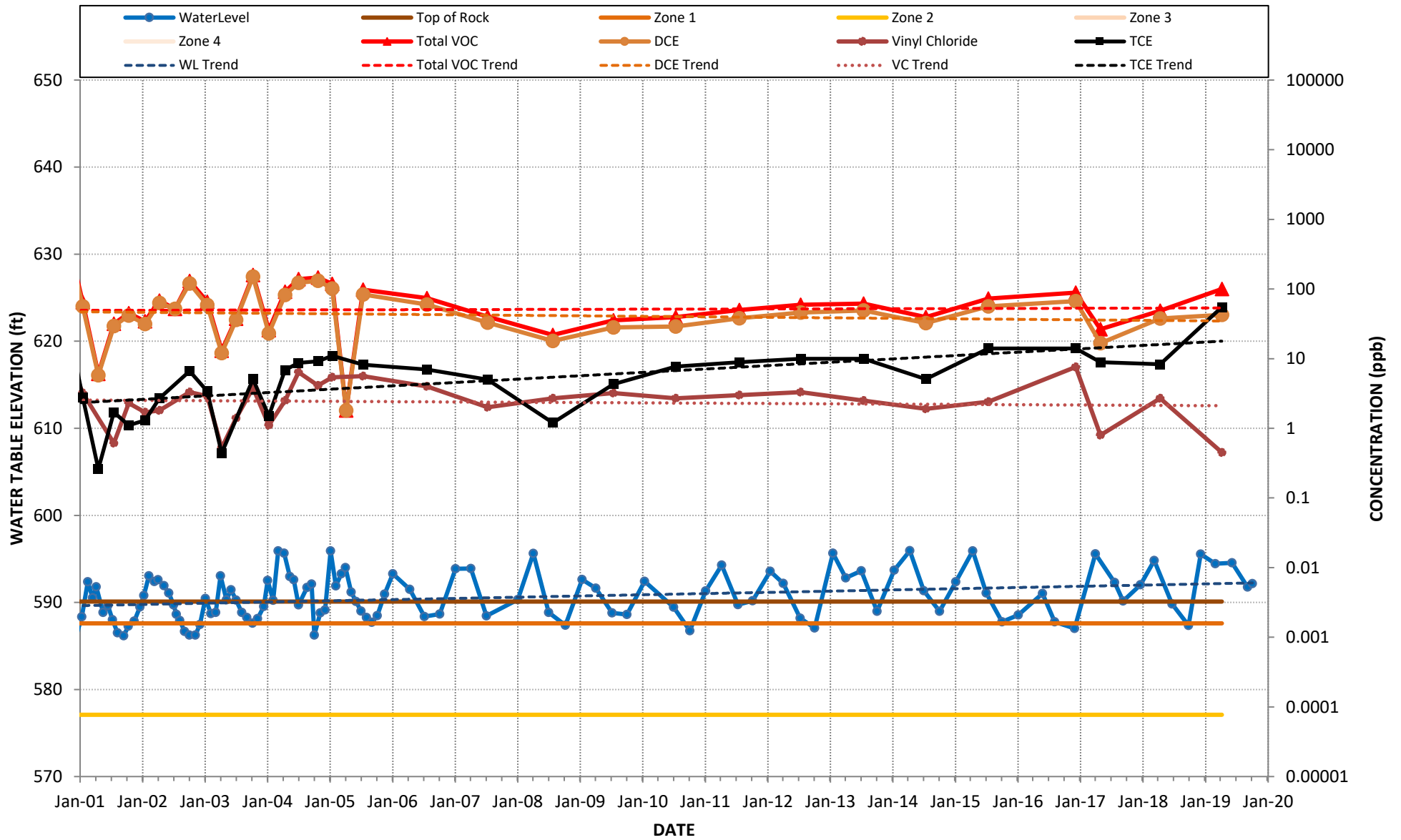
WATER LEVELS & CHLORINATED SOLVENT CONCENTRATIONS B-44M



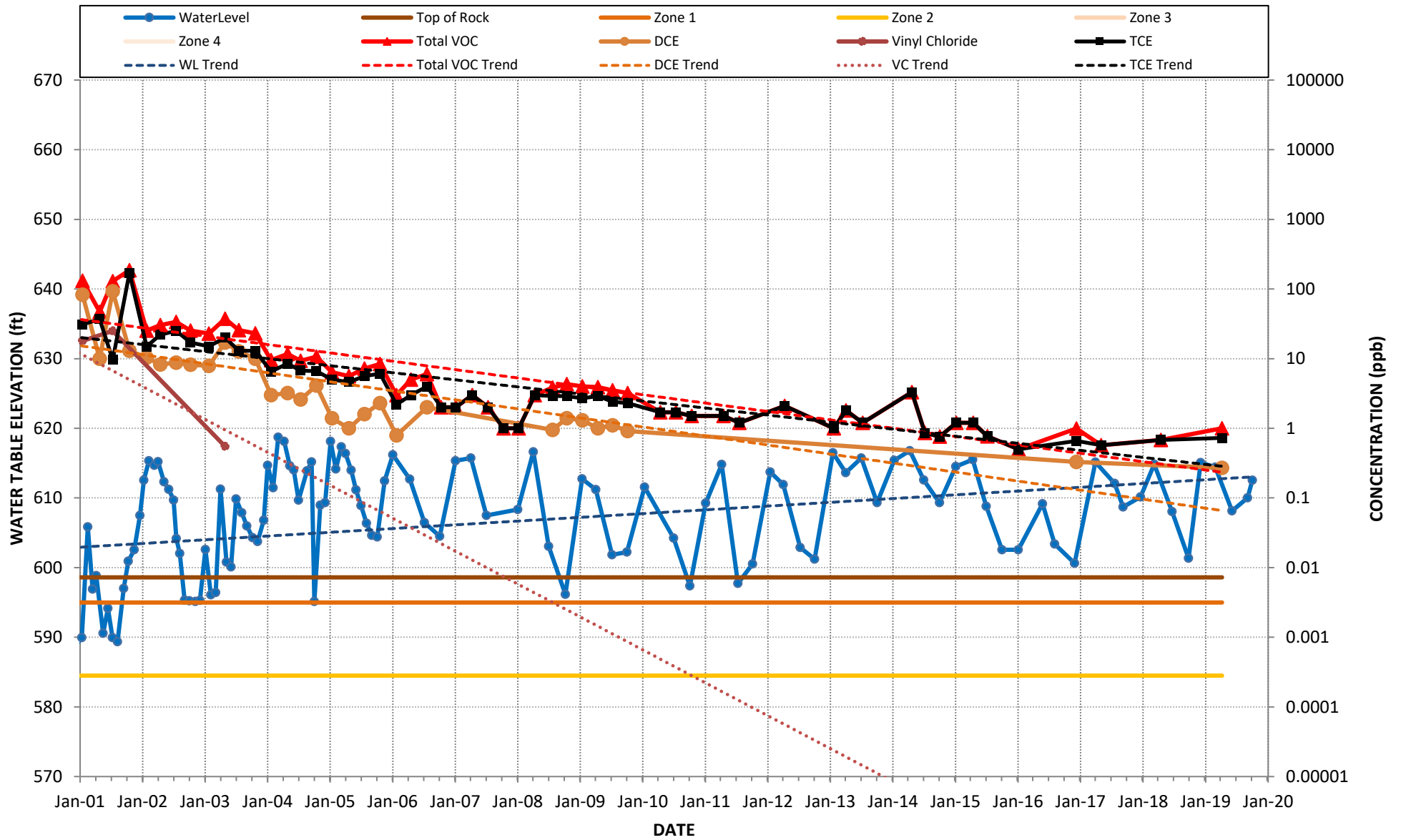
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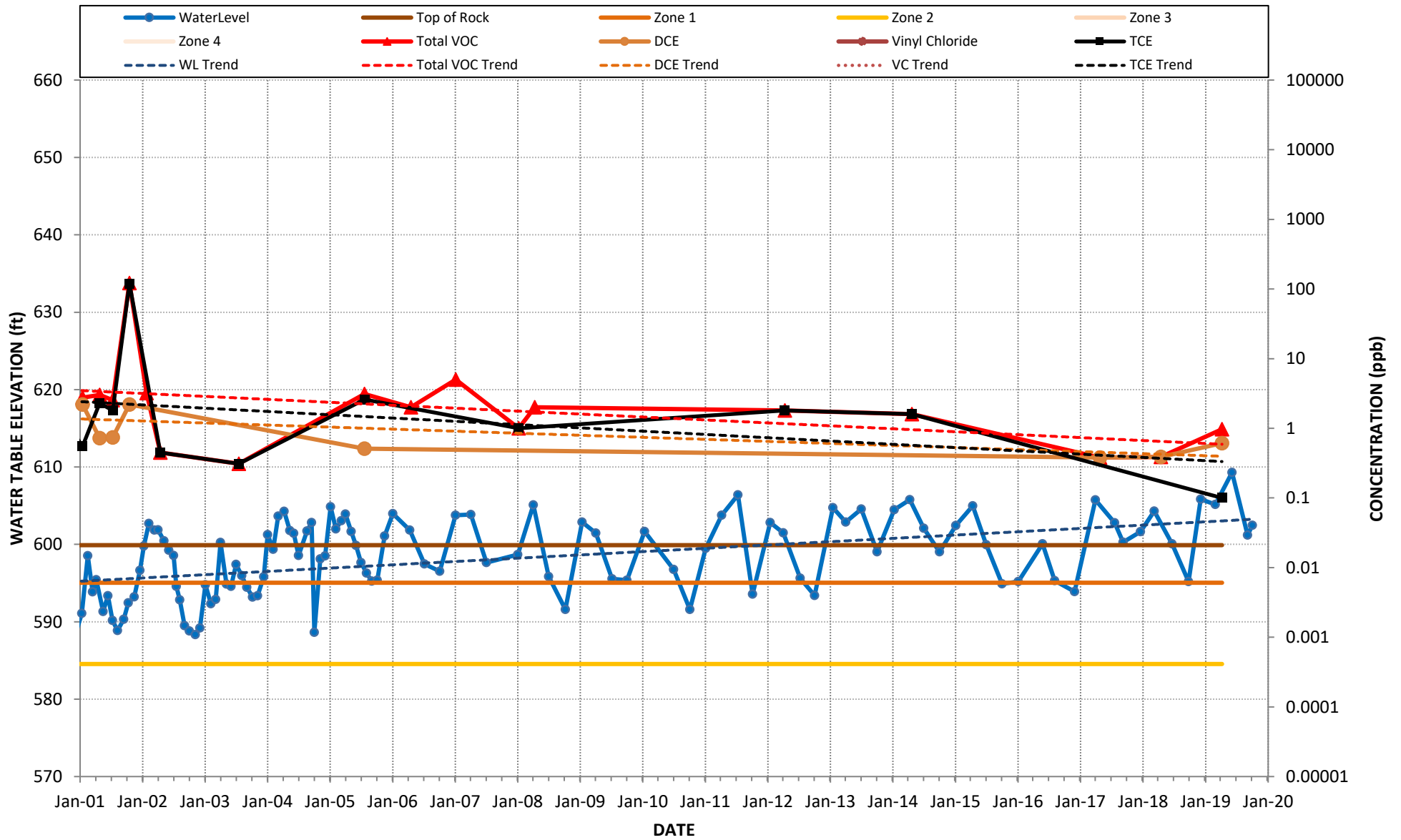
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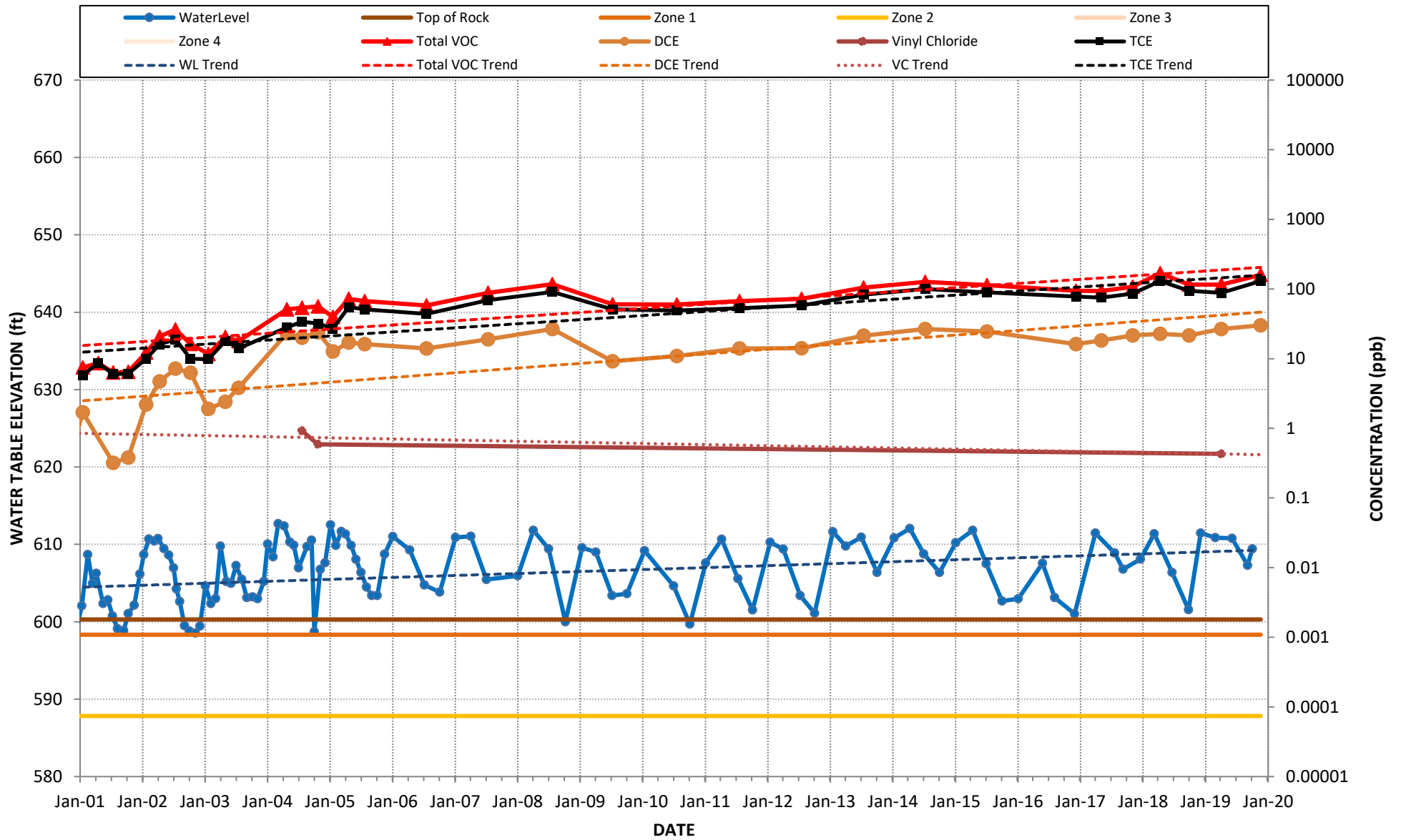
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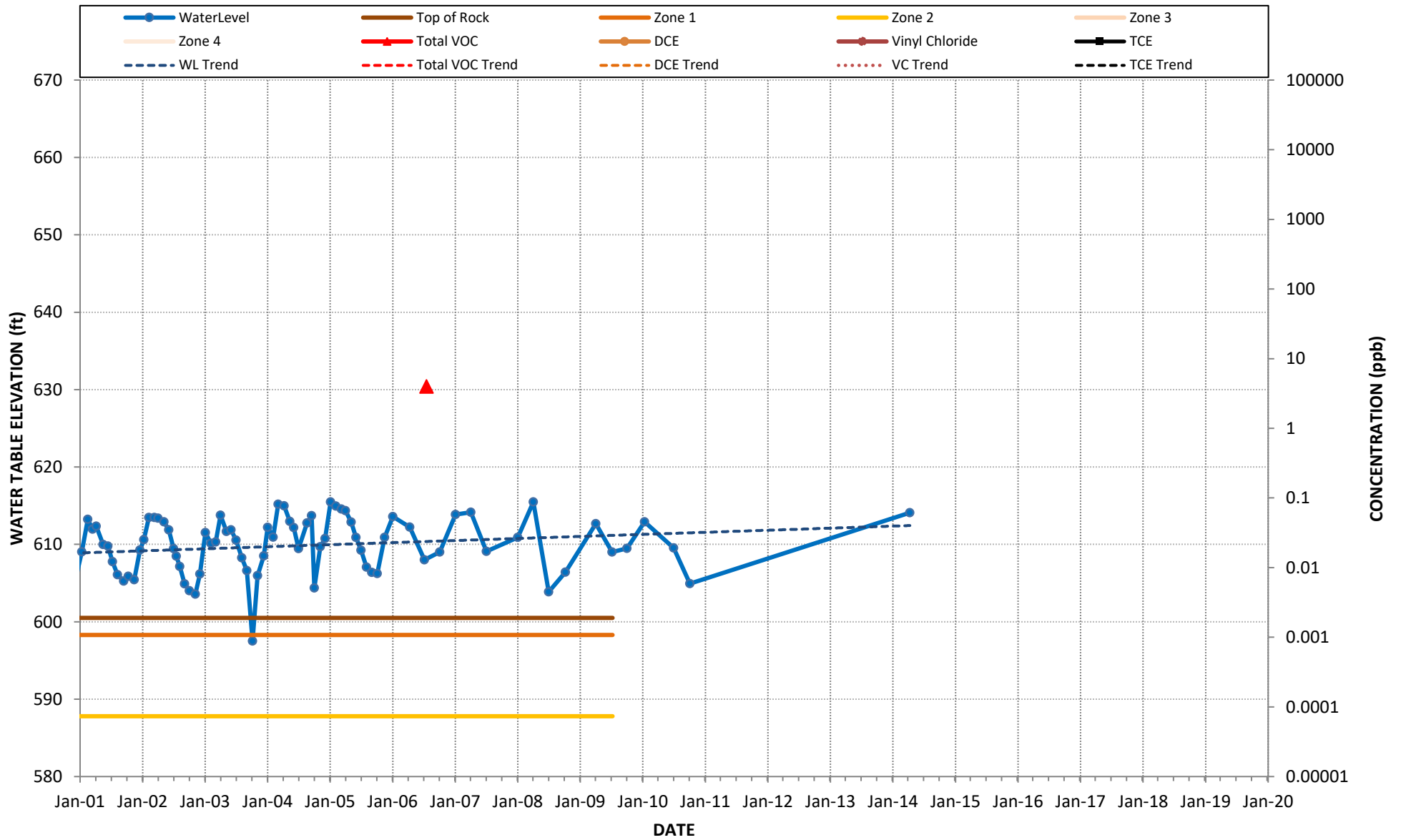
WATER LEVELS & CHLORINATED SOLVENT CONCENTRATIONS B-49M



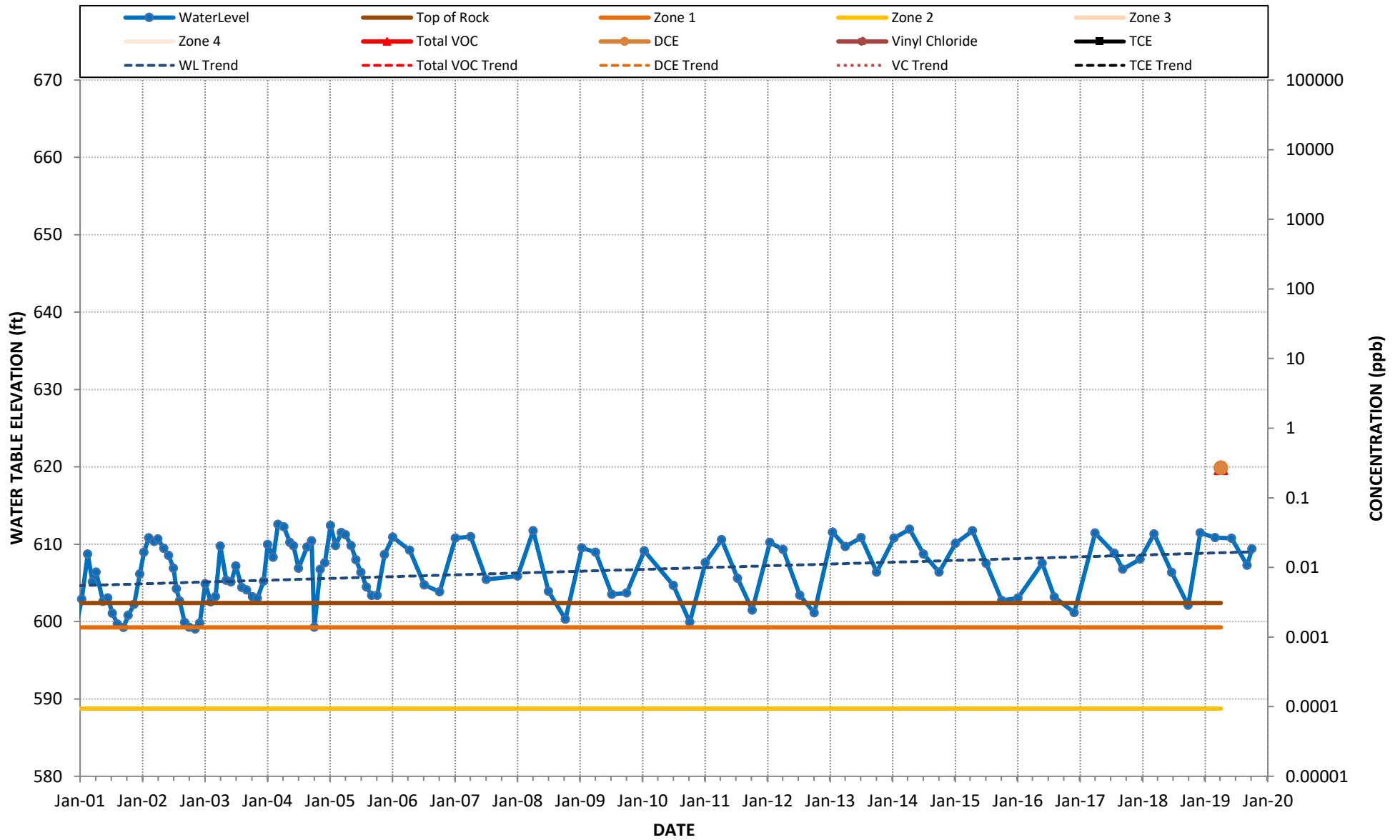
WATER LEVELS & CHLORINATED SOLVENT CONCENTRATIONS **B-50M**



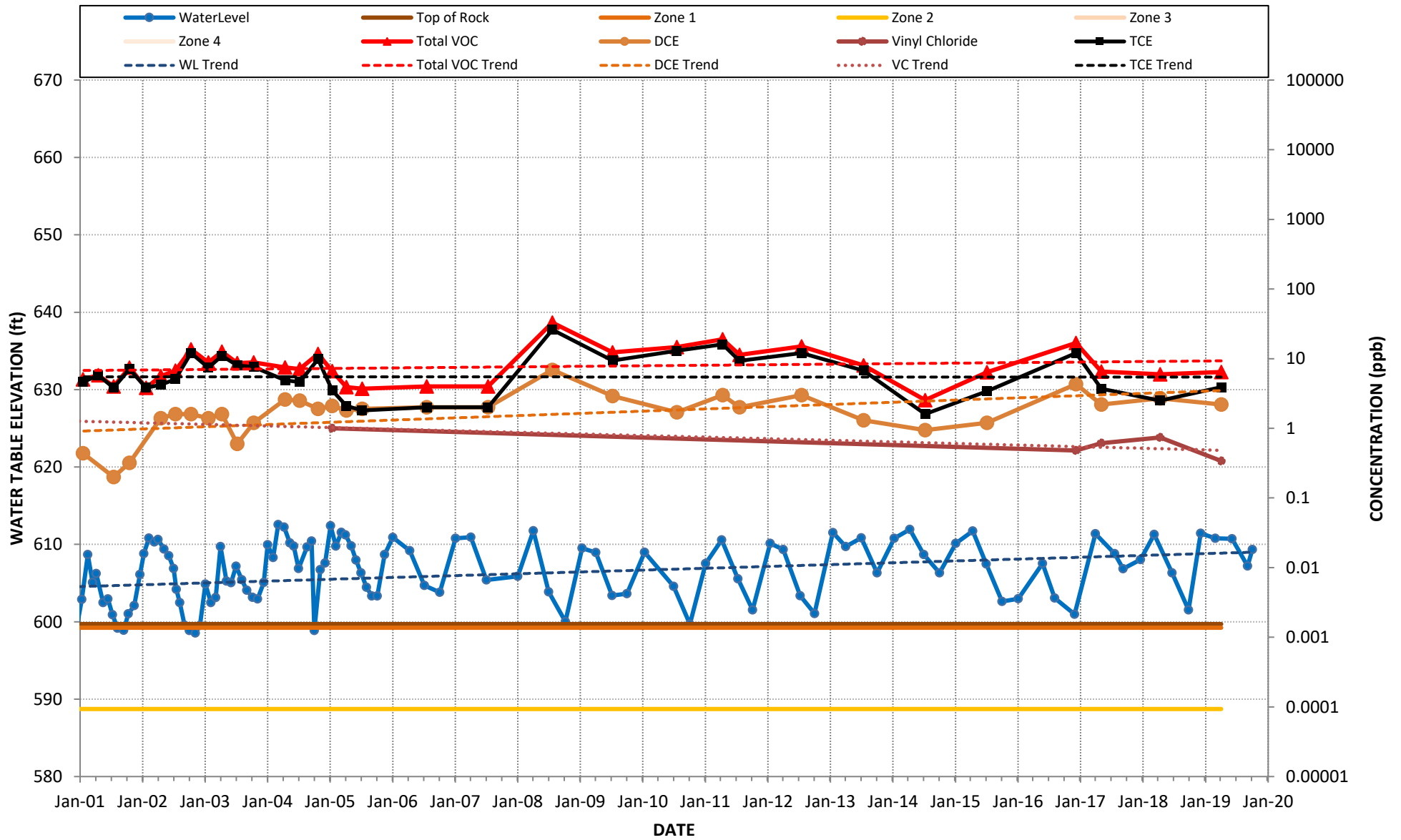
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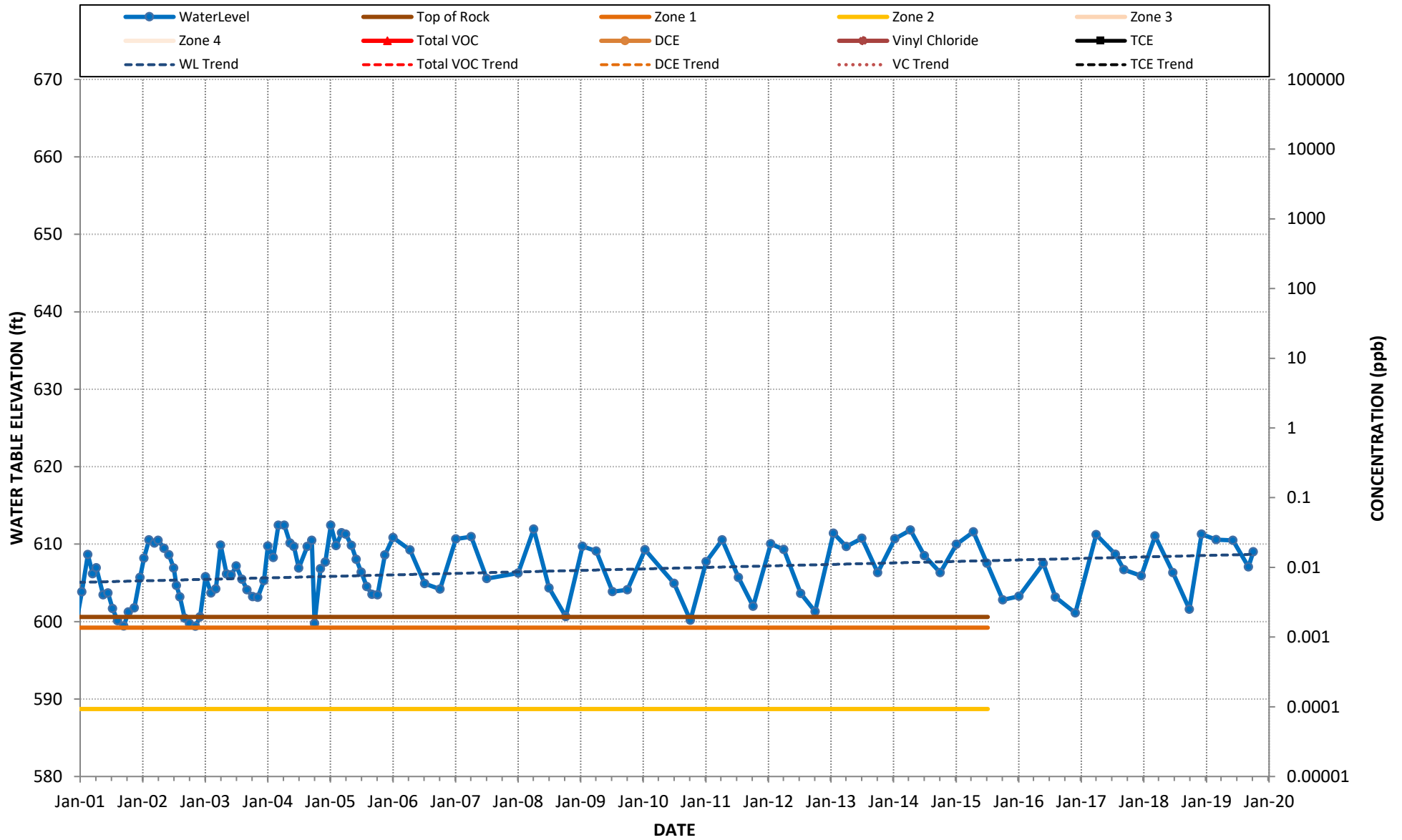
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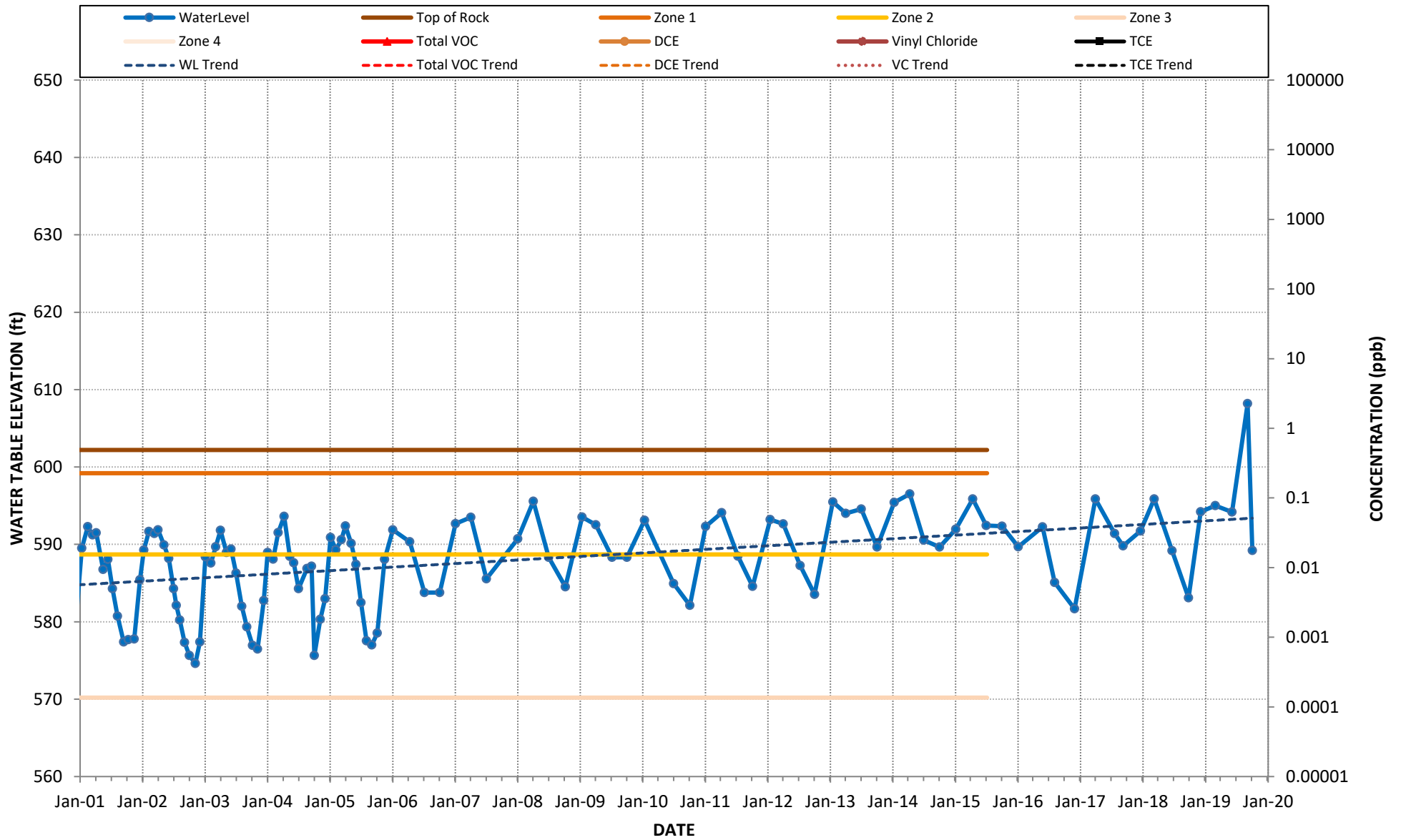
WATER LEVELS & CHLORINATED SOLVENT CONCENTRATIONS B-53M



WATER LEVELS & CHLORINATED SOLVENT CONCENTRATIONS B-54M

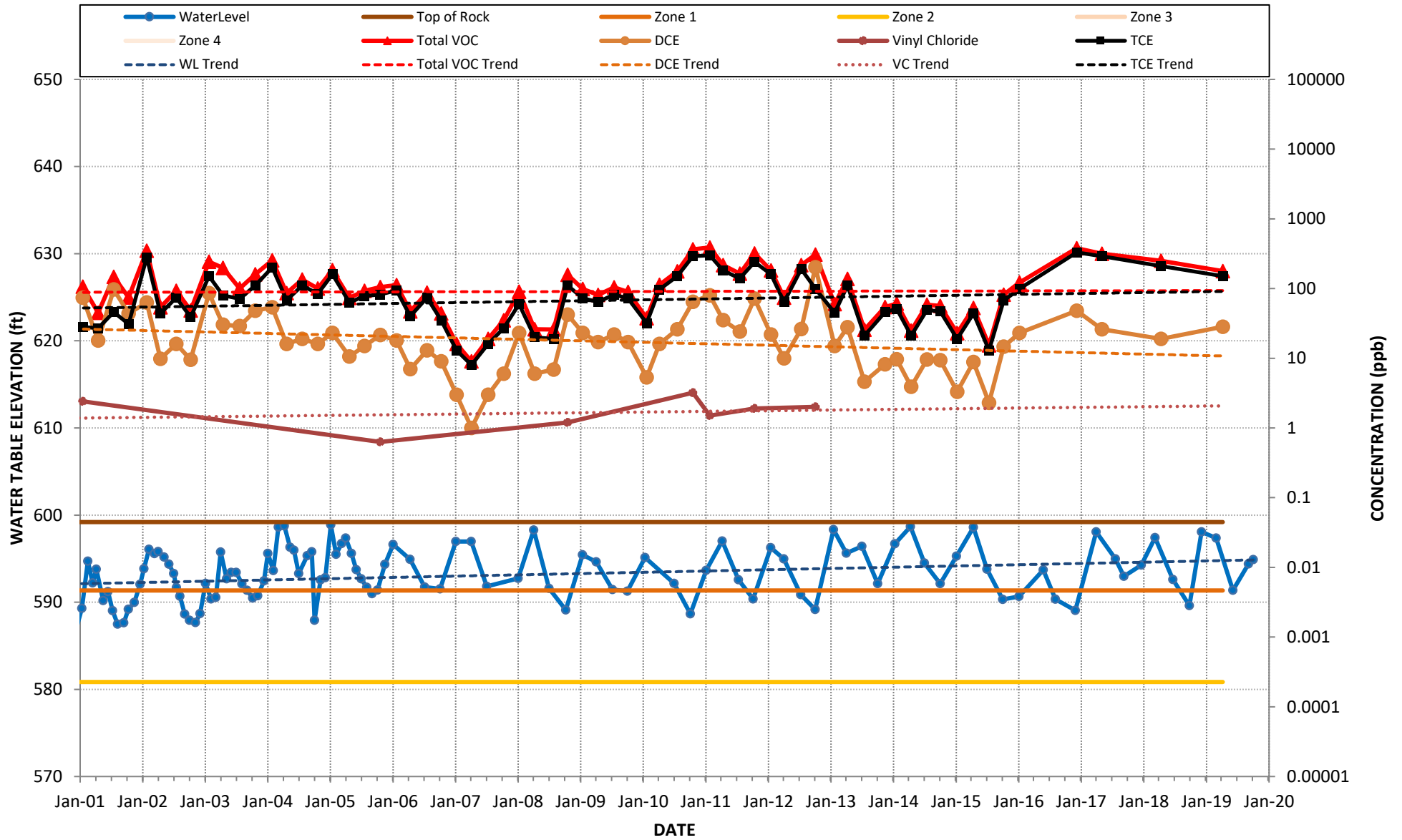


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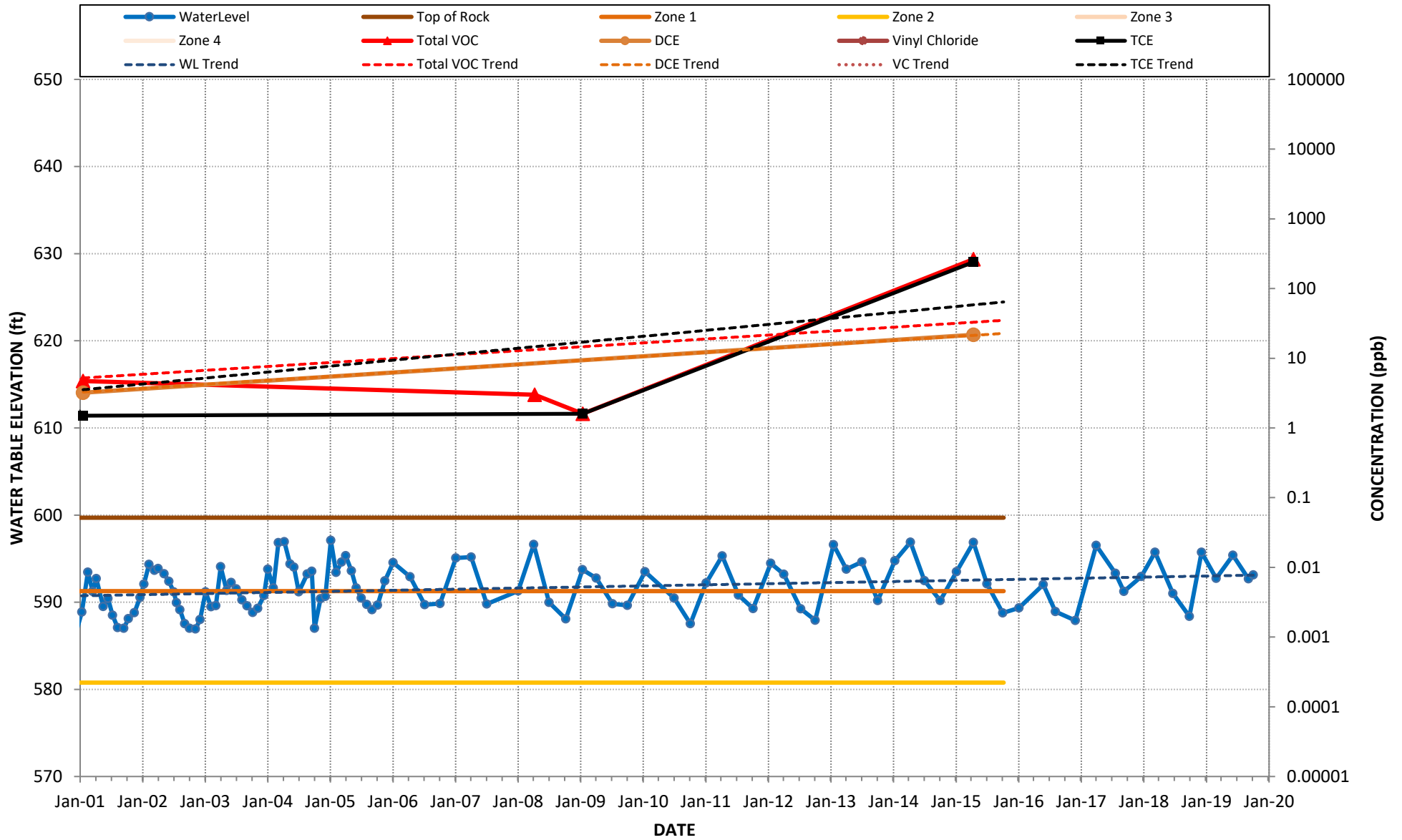


WATER LEVELS & CHLORINATED SOLVENT CONCENTRATIONS

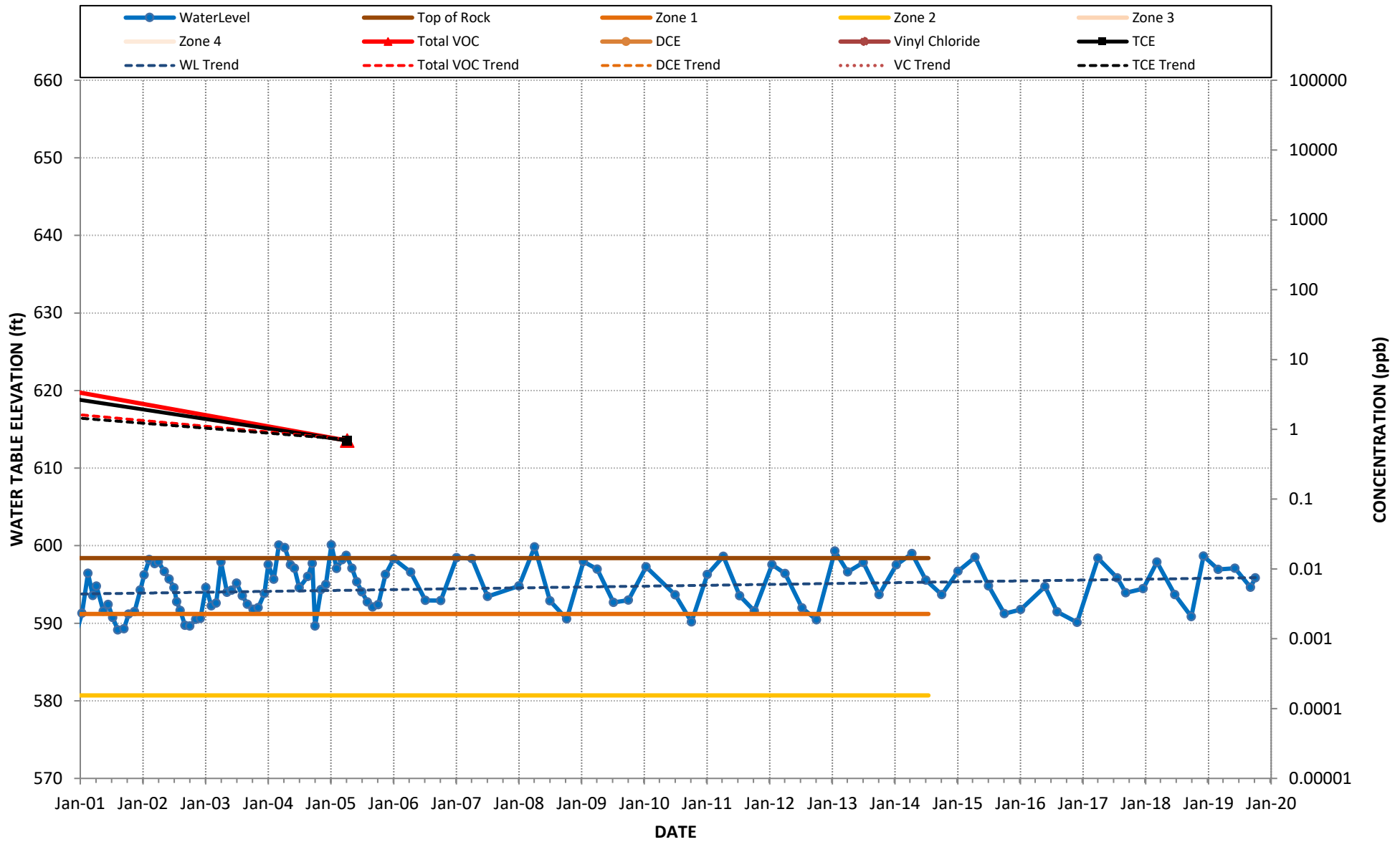
B-56M



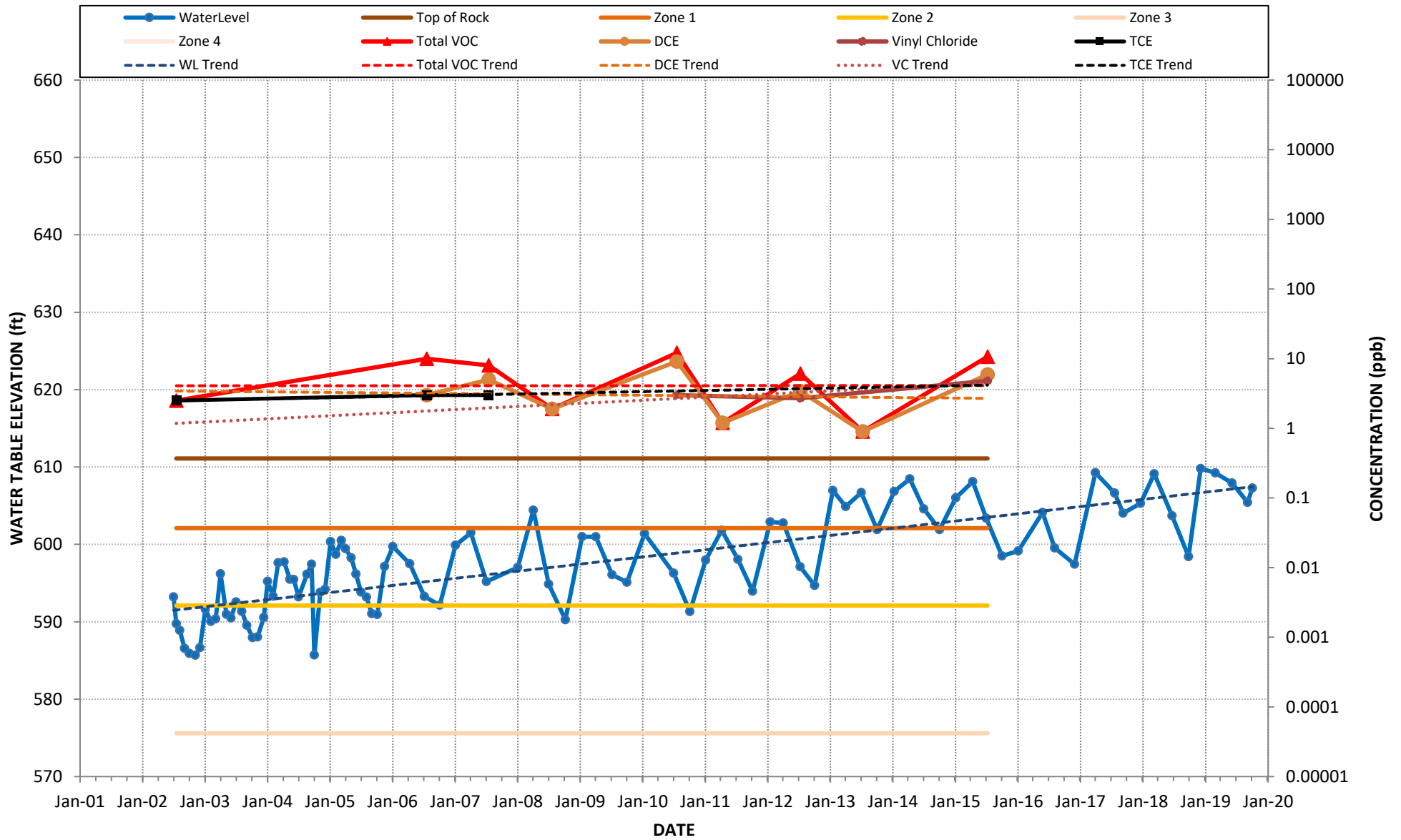
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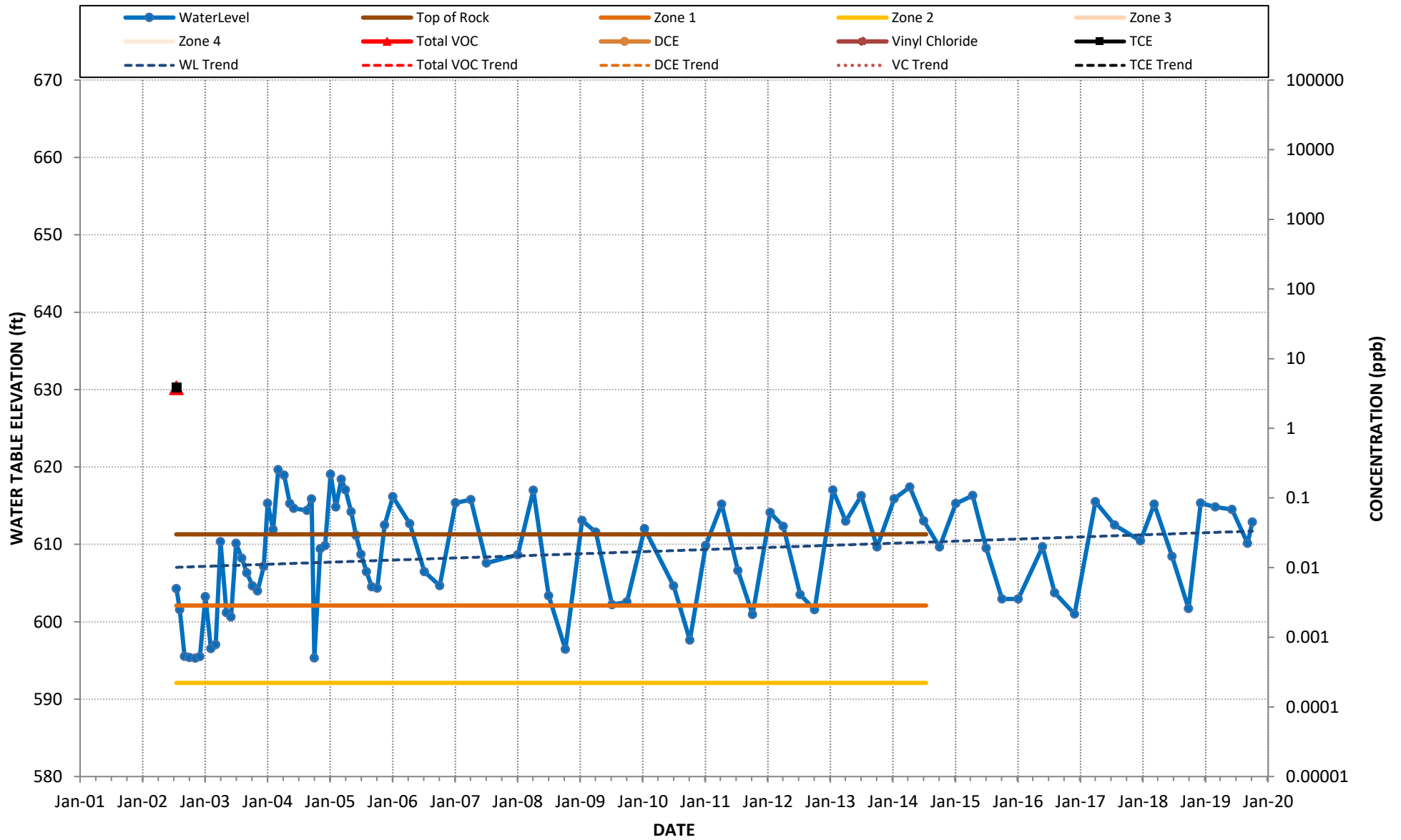
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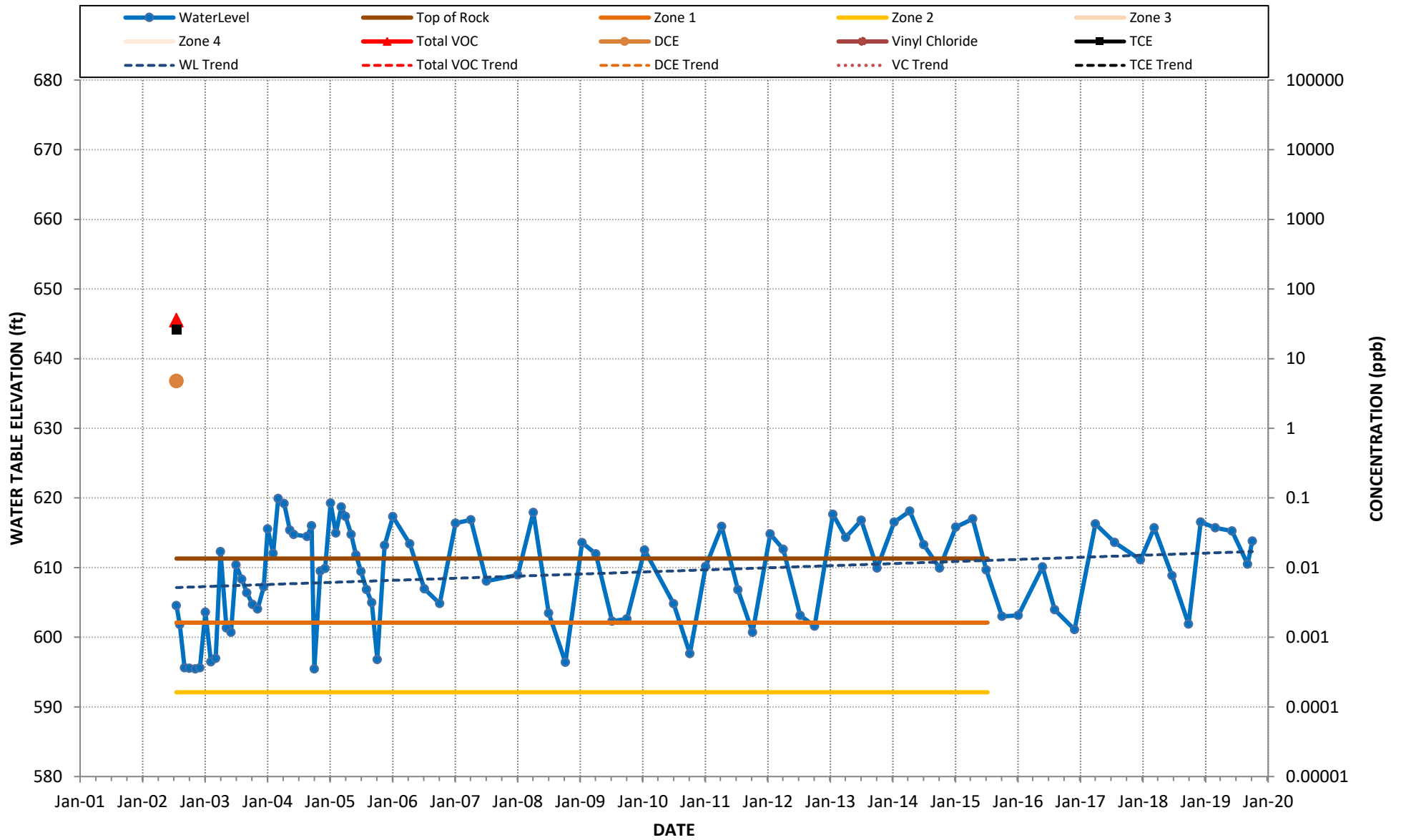
WATER LEVELS & CHLORINATED SOLVENT CONCENTRATIONS B-59M



WATER LEVELS & CHLORINATED SOLVENT CONCENTRATIONS B-60M

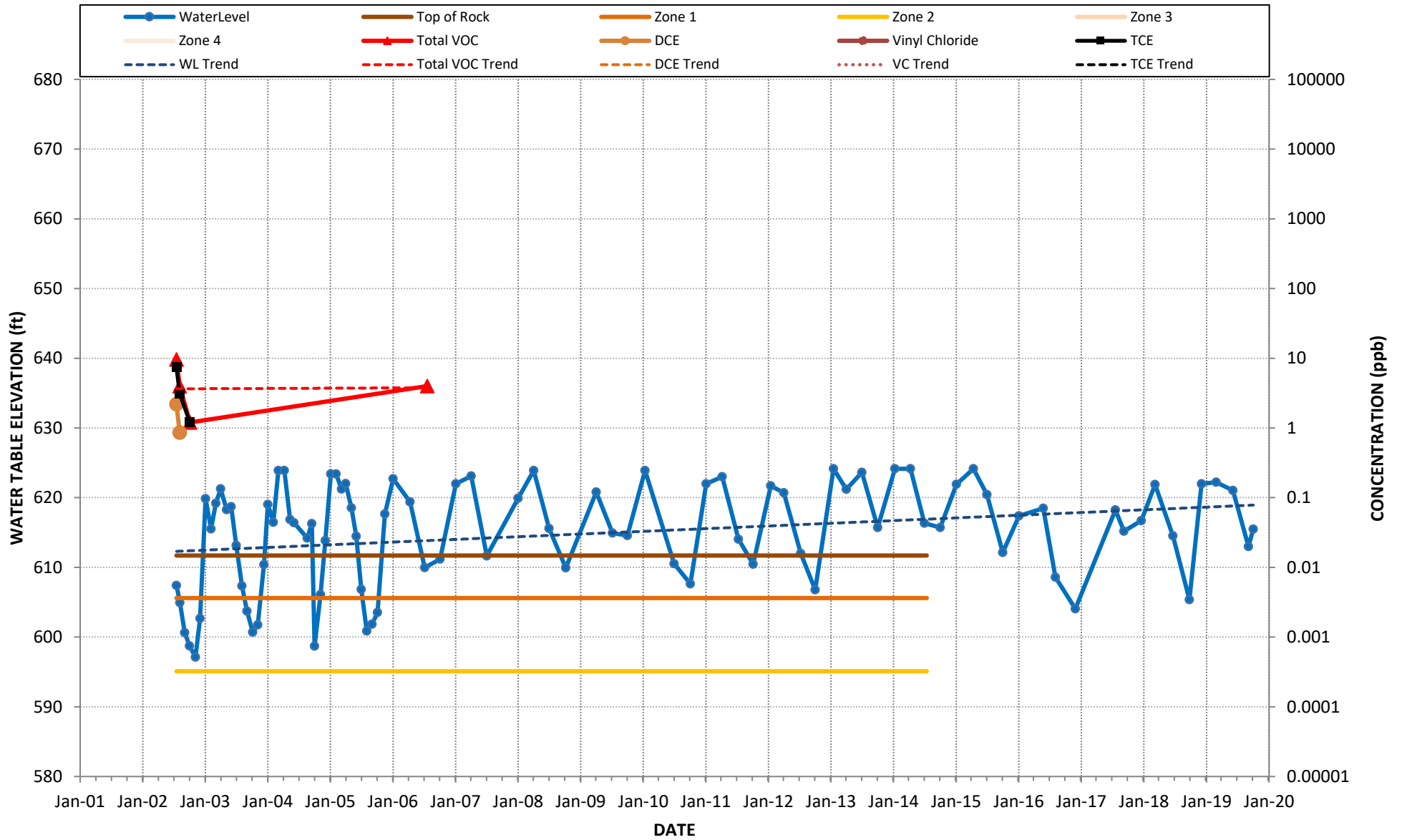


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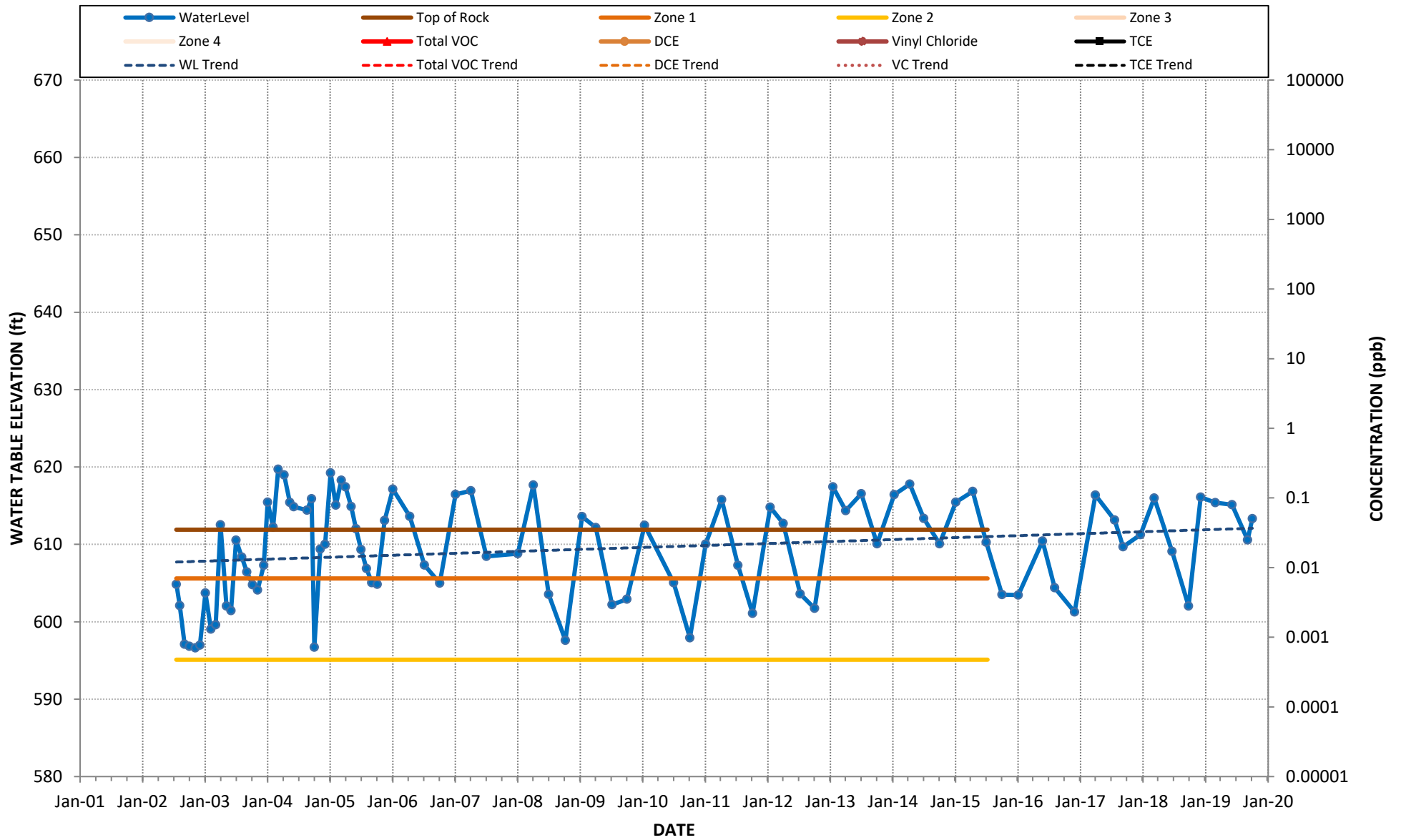


WATER LEVELS & CHLORINATED SOLVENT CONCENTRATIONS

B-62M

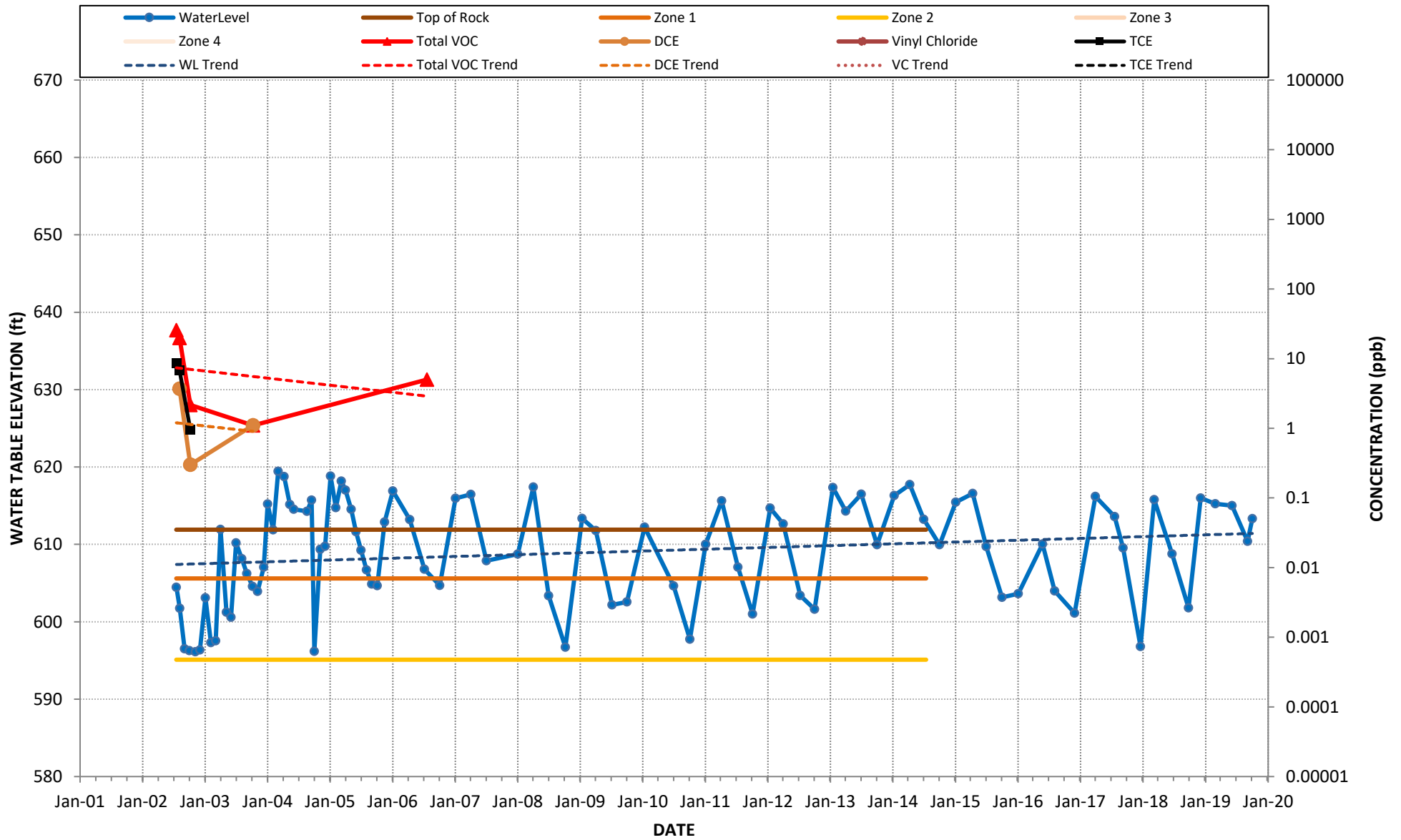


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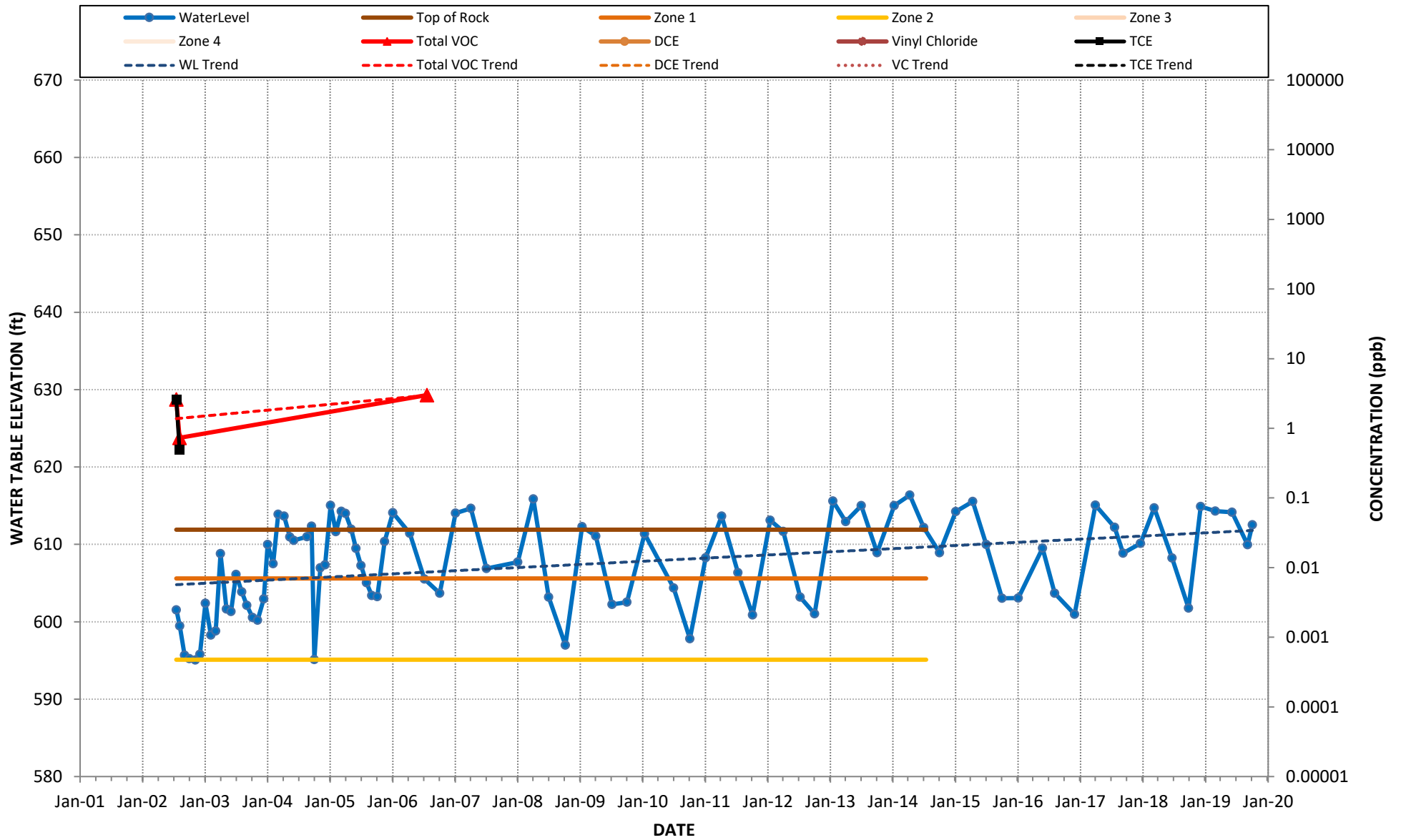


WATER LEVELS & CHLORINATED SOLVENT CONCENTRATIONS

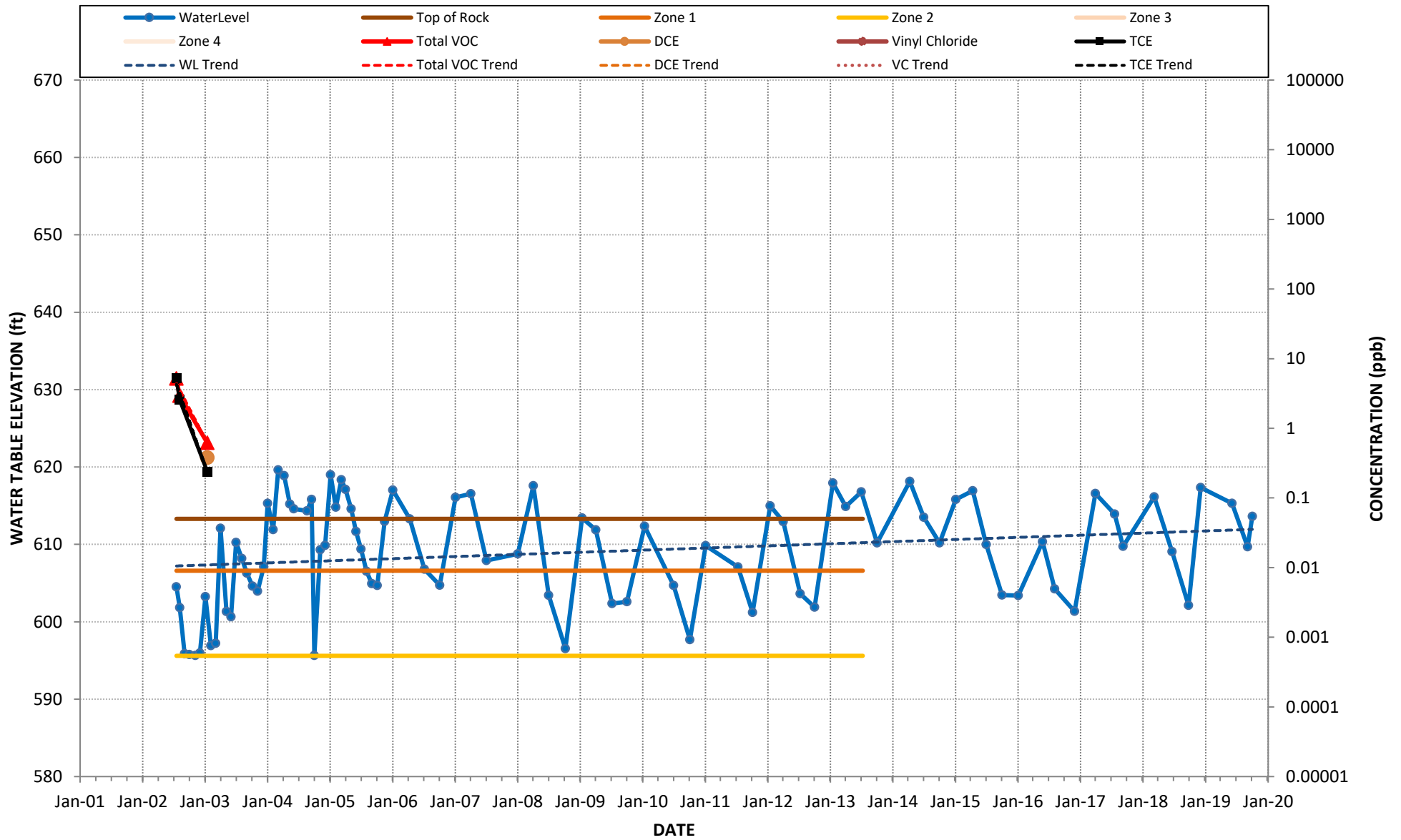
B-64M



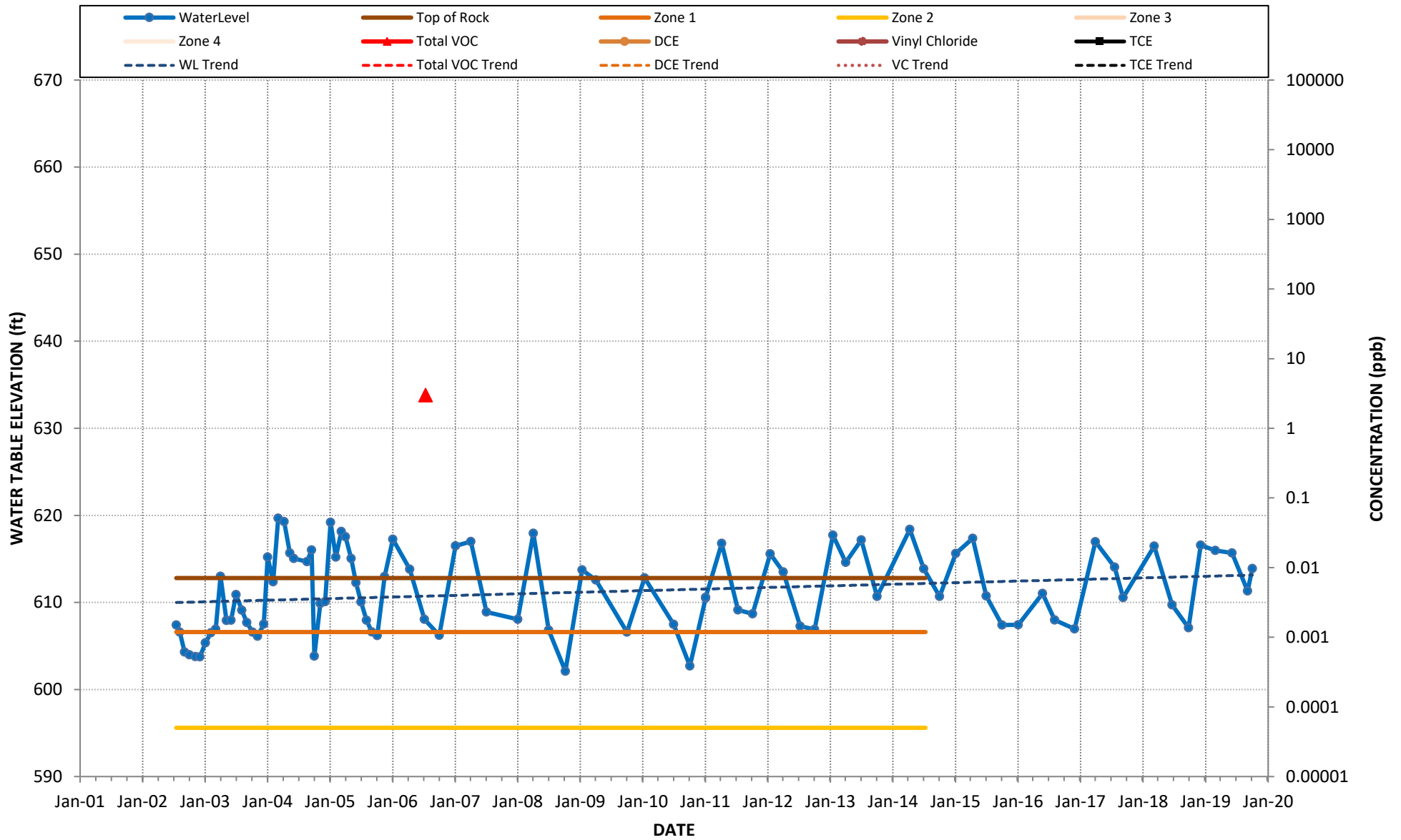
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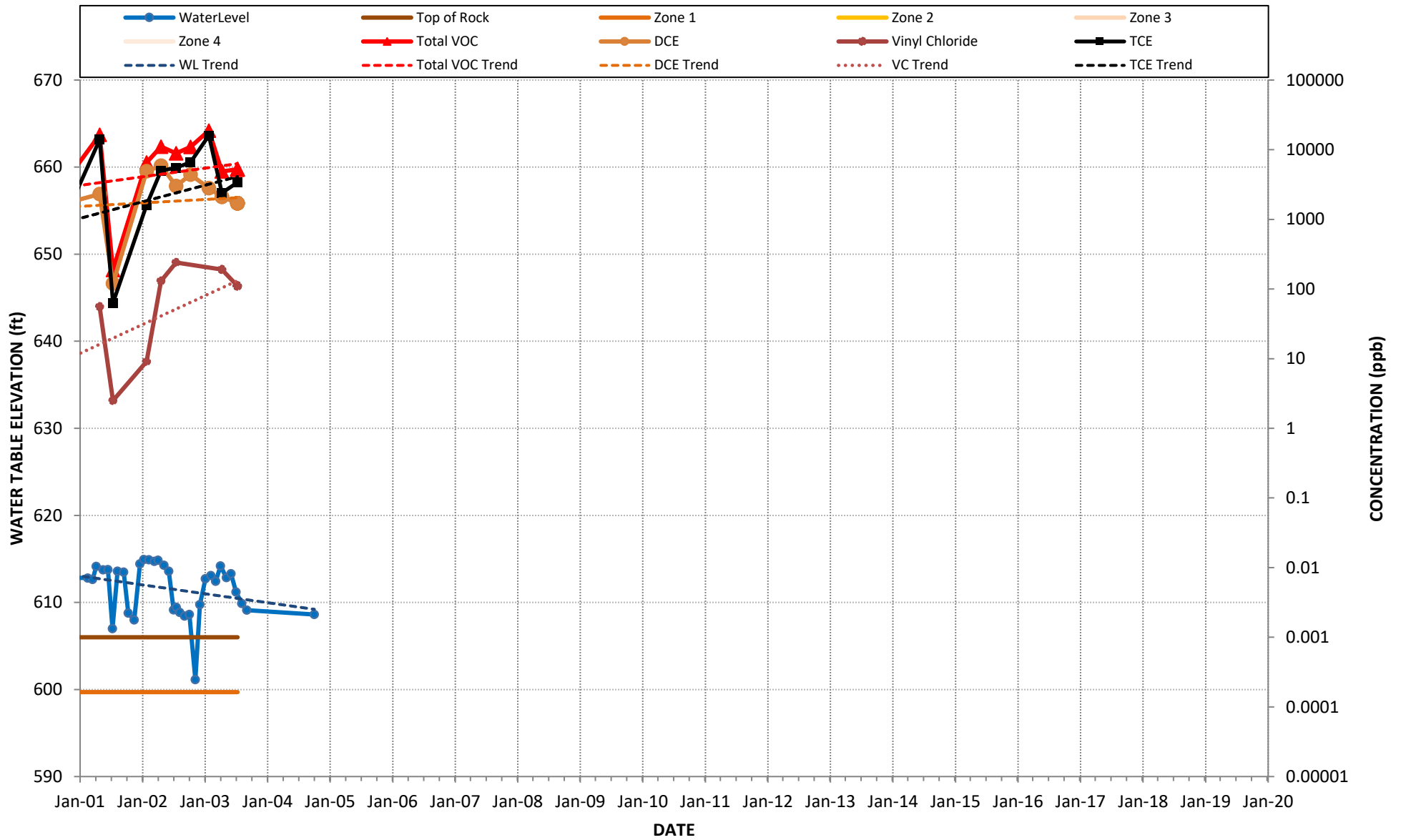
WATER LEVELS & CHLORINATED SOLVENT CONCENTRATIONS B-66M



WATER LEVELS & CHLORINATED SOLVENT CONCENTRATIONS B-67M

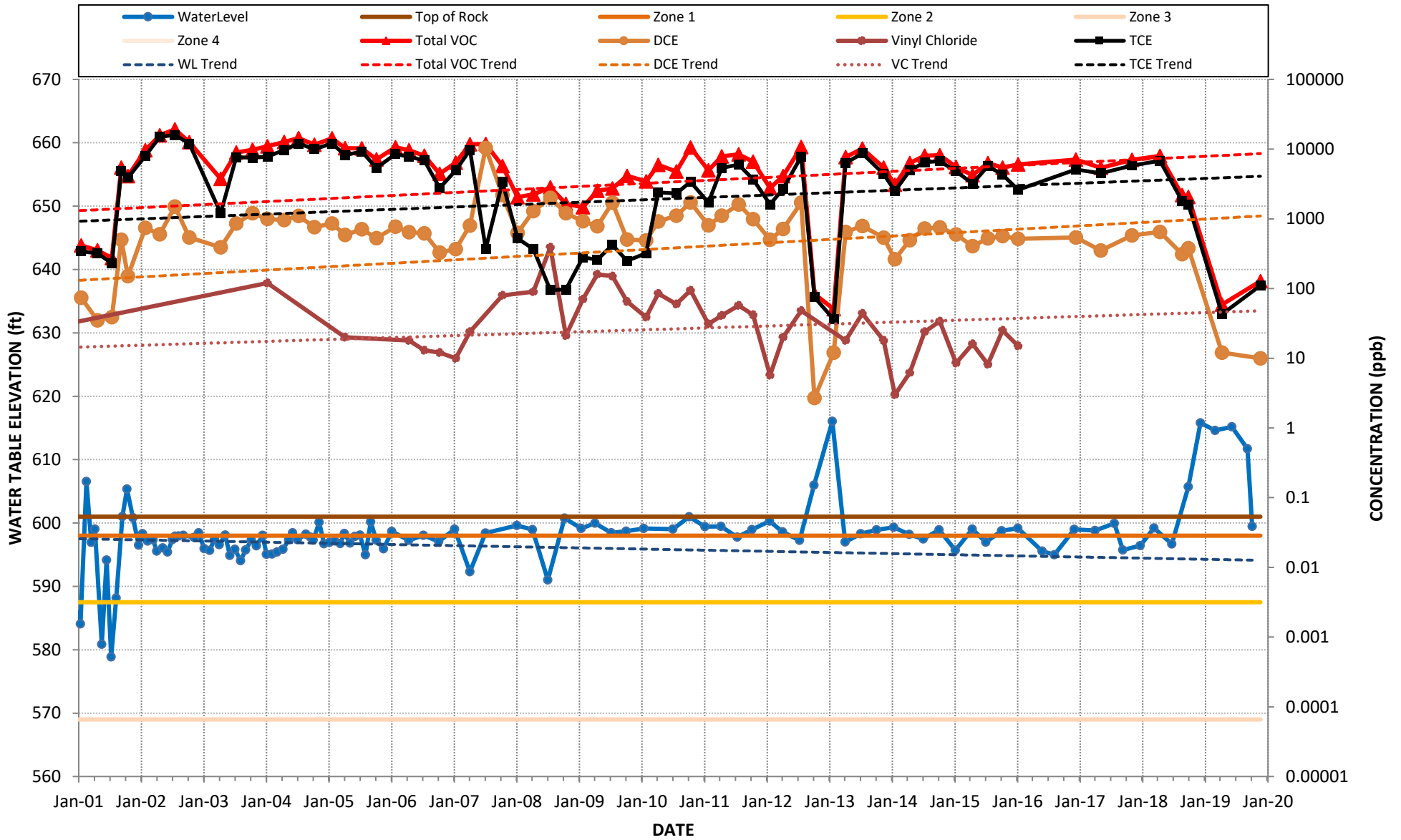


WATER LEVELS & CHLORINATED SOLVENT CONCENTRATIONS DNAPL SUMP



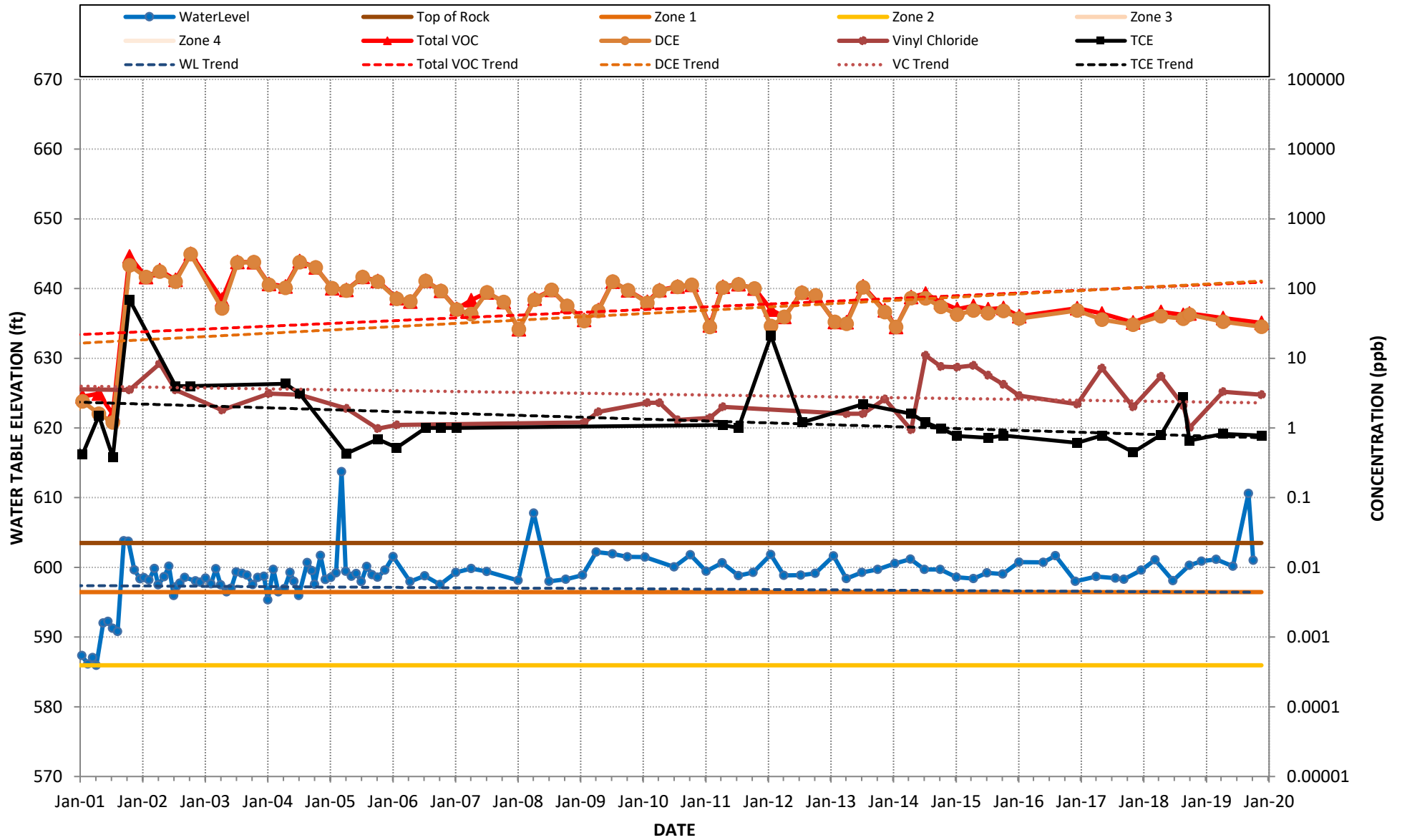
WATER LEVELS & CHLORINATED SOLVENT CONCENTRATIONS

P- 2



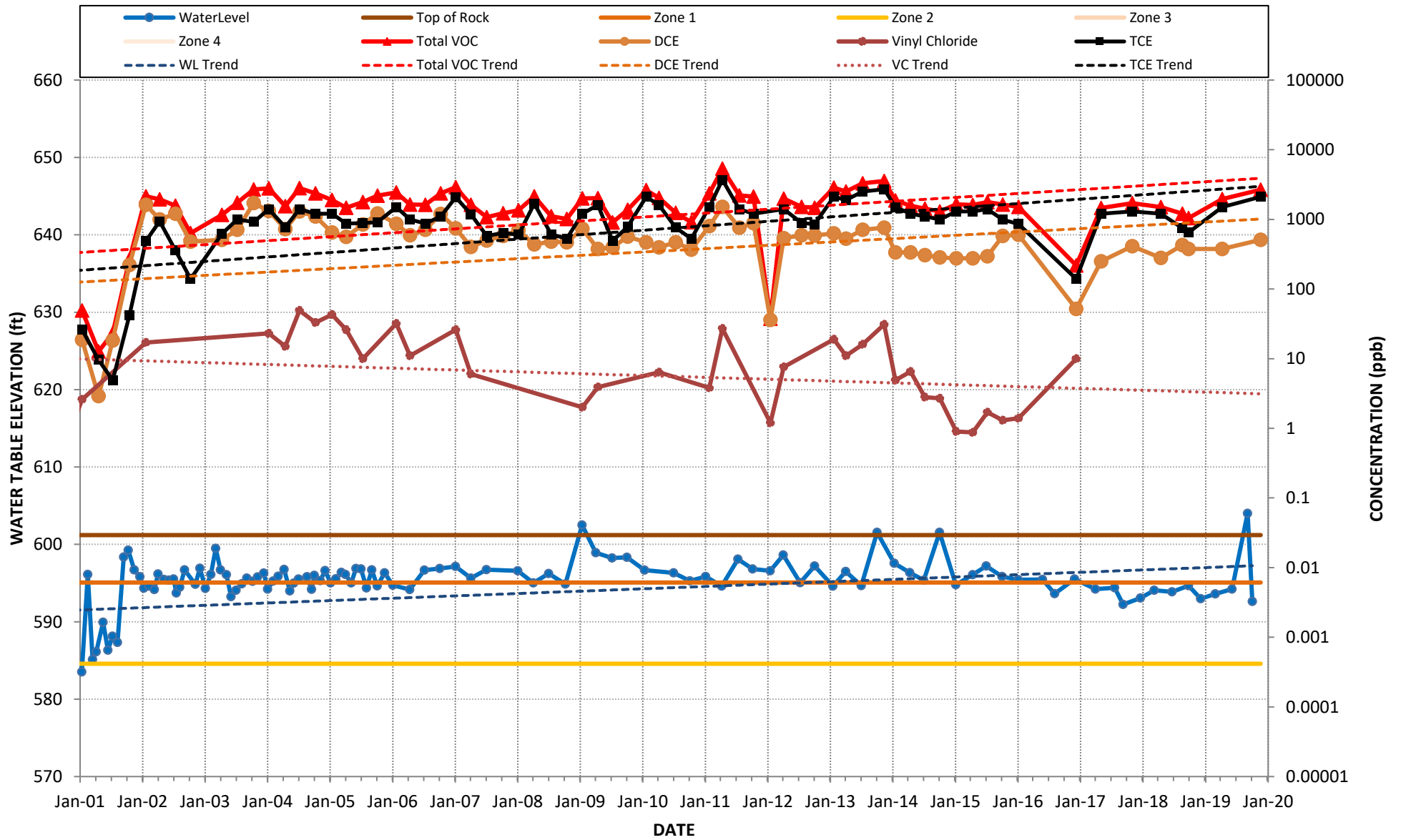
WATER LEVELS & CHLORINATED SOLVENT CONCENTRATIONS

P- 3



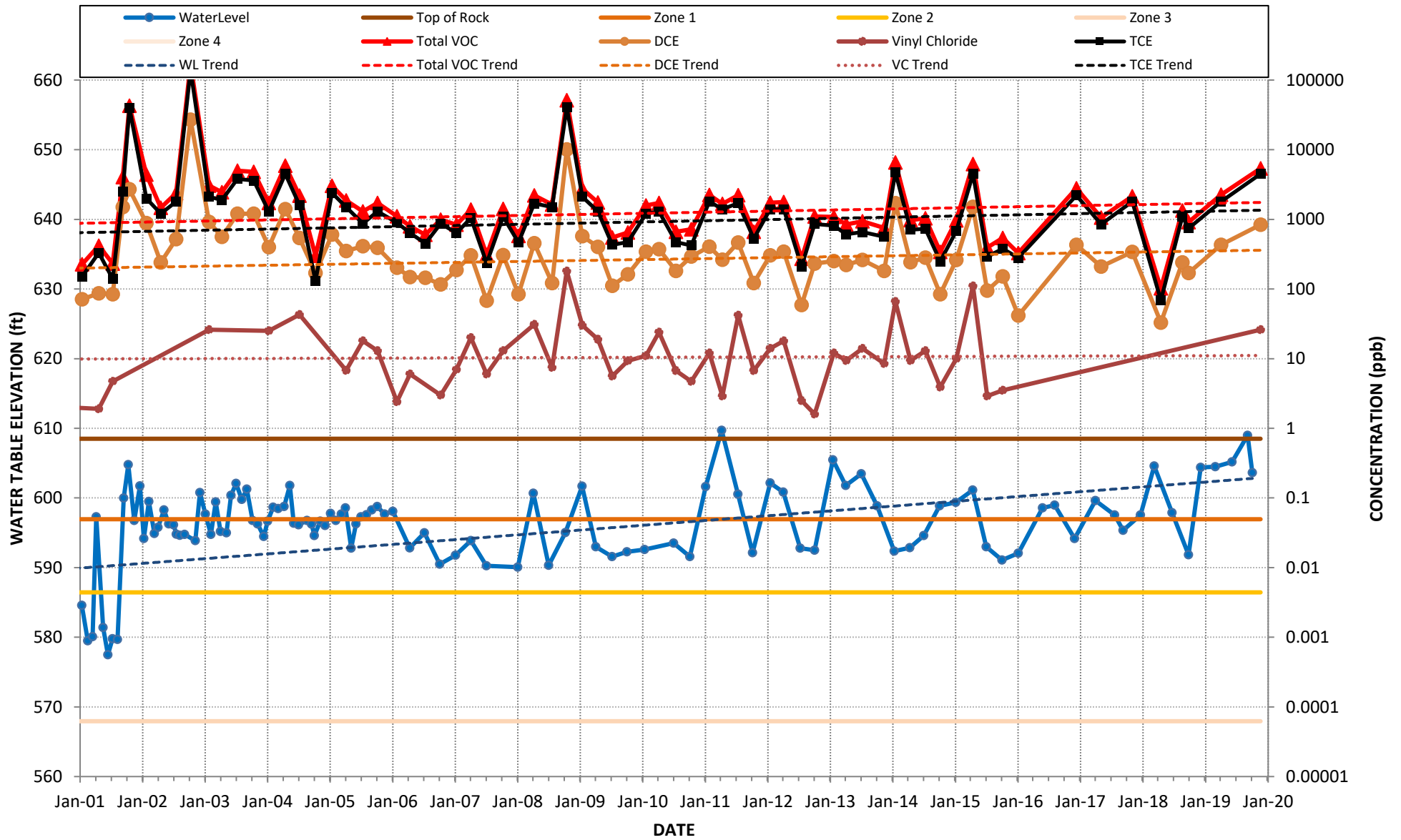
WATER LEVELS & CHLORINATED SOLVENT CONCENTRATIONS

P- 4

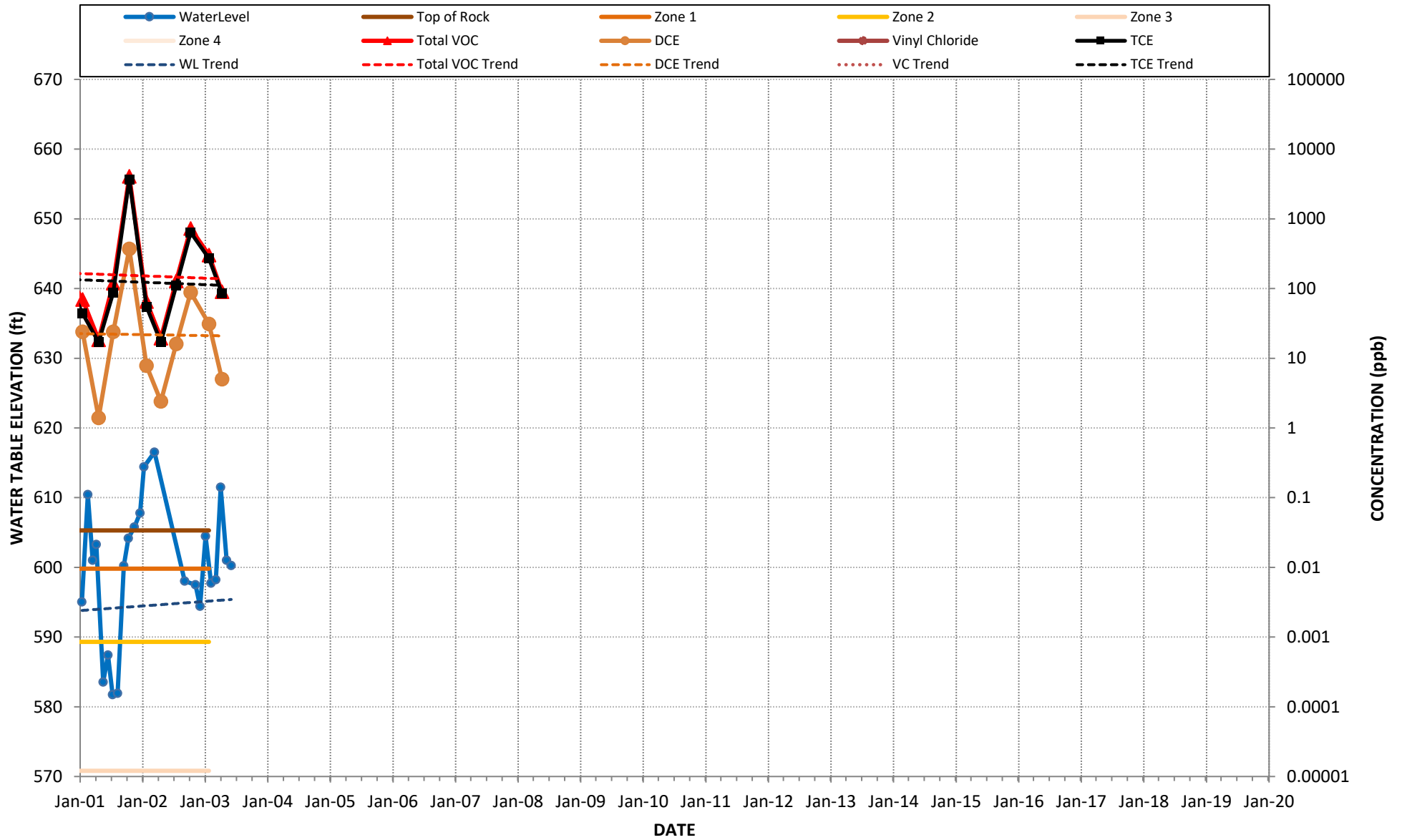


WATER LEVELS & CHLORINATED SOLVENT CONCENTRATIONS

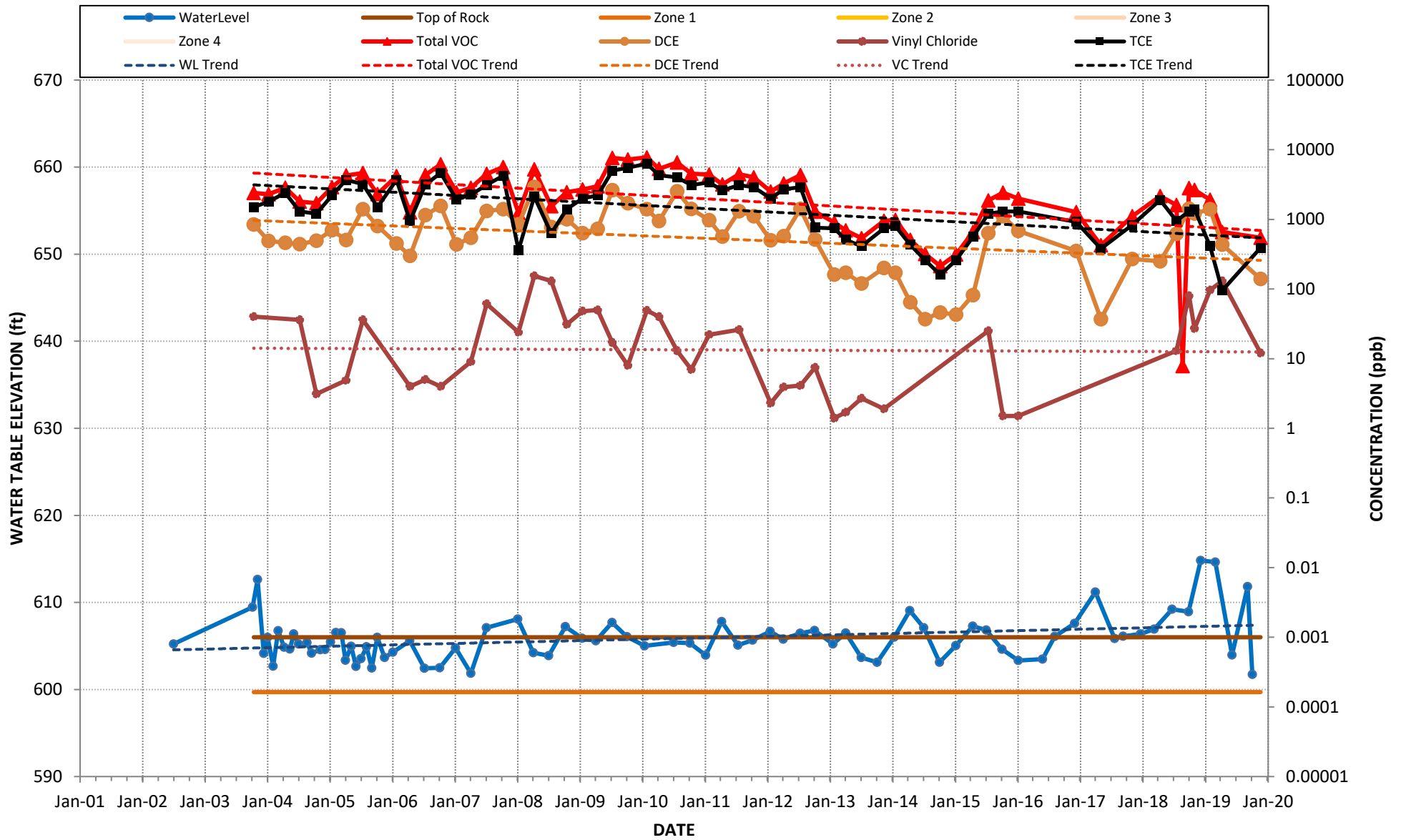
PW- 1



WATER LEVELS & CHLORINATED SOLVENT CONCENTRATIONS PW- 2

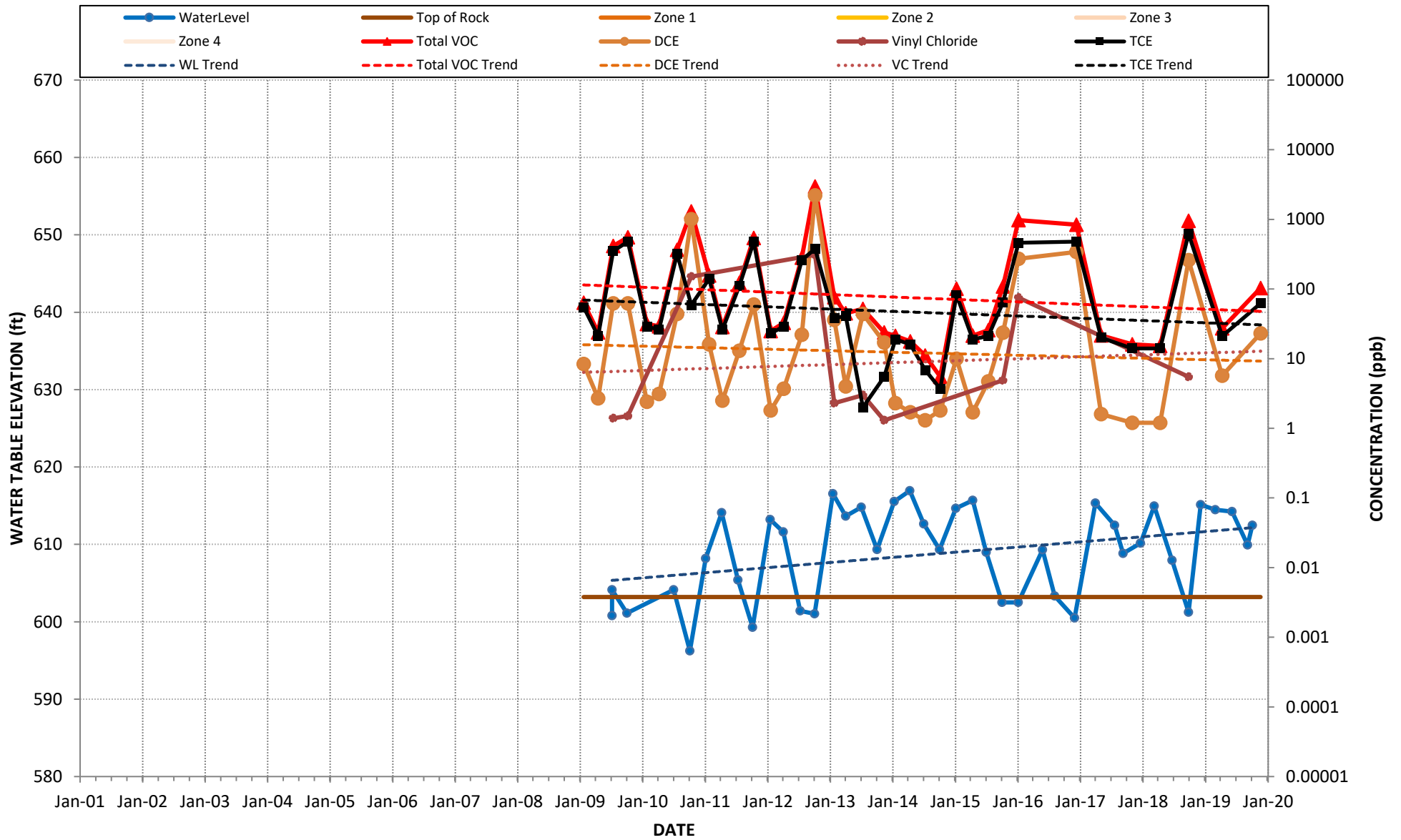


WATER LEVELS & CHLORINATED SOLVENT CONCENTRATIONS PW- 3

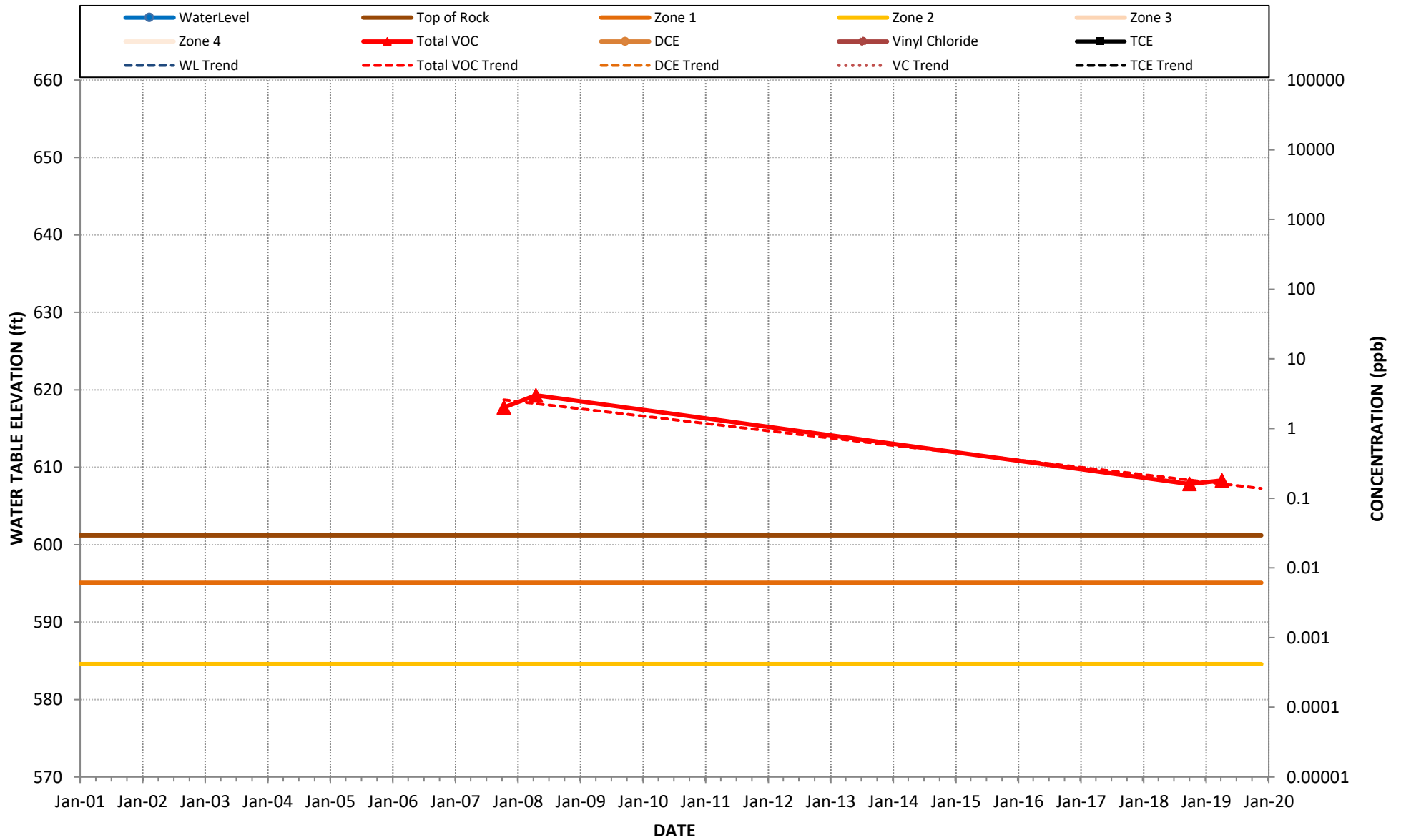


WATER LEVELS & CHLORINATED SOLVENT CONCENTRATIONS

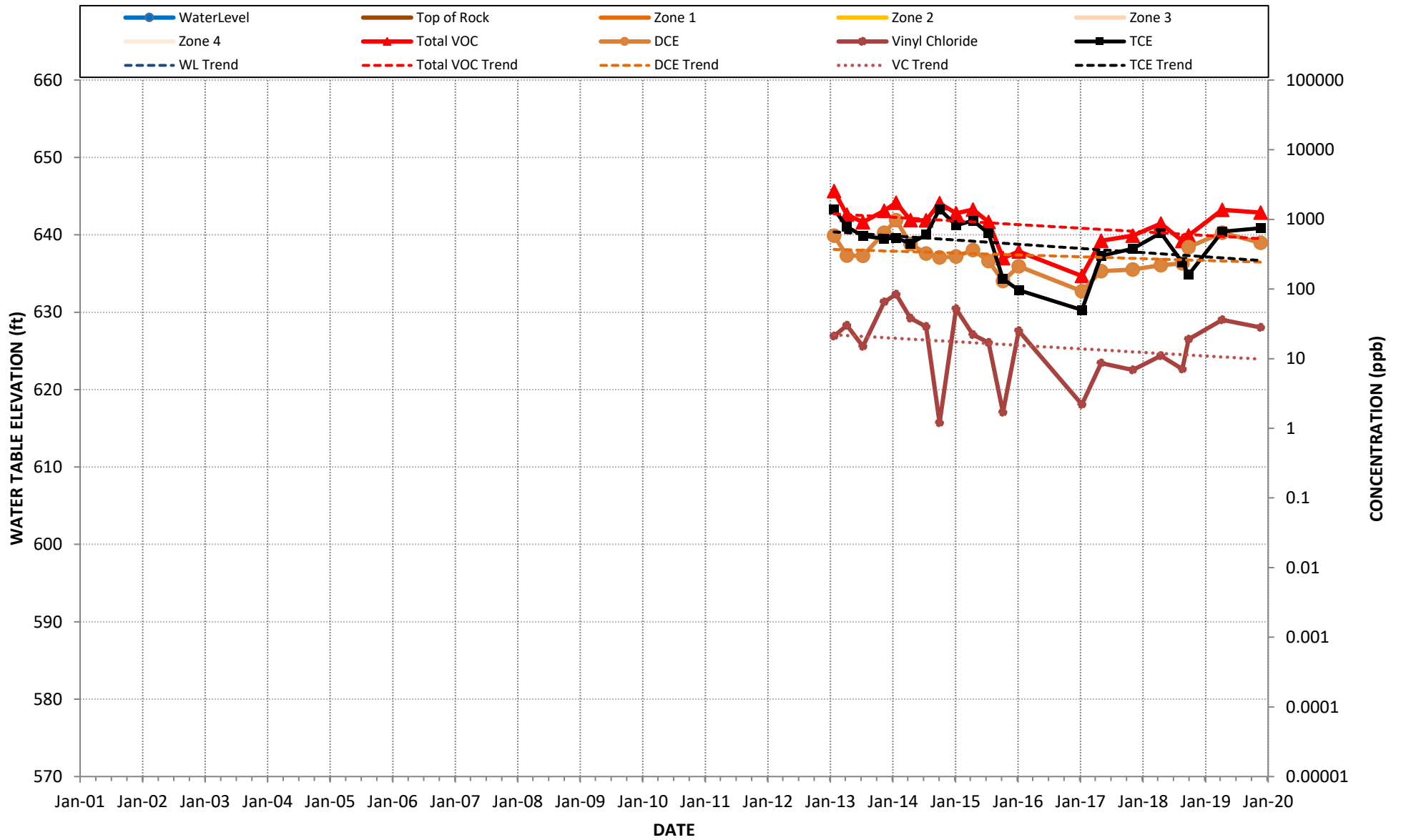
PW- 4



WATER LEVELS & CHLORINATED SOLVENT CONCENTRATIONS QUARRY POND



WATER LEVELS & CHLORINATED SOLVENT CONCENTRATIONS T-002



Appendix C

Water Quality Database January 2001 through December 2019

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	< 1.2	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

< - 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 'L' 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-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

< - 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 'J' 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

< - 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-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

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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: 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	< 5	< 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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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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 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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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

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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-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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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
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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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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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	< 10	< 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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 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

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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-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	A5897302	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

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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-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

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 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:

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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-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

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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

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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 'J' 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-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

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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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-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/SM	< 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

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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-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

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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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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-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

< - 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-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

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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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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	A5892803	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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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

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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-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.
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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-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

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D - Result reported from a secondary dilution analysis.
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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

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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-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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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

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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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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:

- 1) Non-detected concentrations have been represented as 'c' 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-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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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

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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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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

< - 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
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	A5892801	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

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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-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

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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 'J' 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-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

< - 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 'c' 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
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

< - 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 'J' 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	< 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	< 2.5	< 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

< - 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
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	A5810601	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

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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-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

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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-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

< - 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-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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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

< - 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-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	A5892302	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

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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: 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

< - 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-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

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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-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:

- 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-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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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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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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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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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

< - 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-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

< - 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-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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- 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
4/5/2005	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	A5892601	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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 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

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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	A5892802	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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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

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 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	A5892602	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

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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

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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	< 1	< 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	A5892603	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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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-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

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 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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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

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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-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	A1823802	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	A5891801	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

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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

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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	A1823803	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	A5892604	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	11.8	< 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	4.8	< 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

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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-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

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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-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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- 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-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

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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

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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-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

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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-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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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

< - 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 '<1' 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

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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: 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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- 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

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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

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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-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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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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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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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-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

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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-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	A5810501	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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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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E - Concentration exceeds the calibration range;
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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-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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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-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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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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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-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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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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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-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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- 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-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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E - Concentration exceeds the calibration range;
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µg/L - micrograms per liter

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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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

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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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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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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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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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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	A5810701	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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- 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
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

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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: 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

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

Well ID: P-3														Total
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)	
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	<1.8	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	A5810603	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

< - 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
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

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 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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- 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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 Result is estimated.
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 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

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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	240	< 0.5	520	< 0.3	17	777
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	1	5.5	< 1.3	< 2.5	2.2	89	7.6	290	< 0.3	5.4	400.7
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

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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	A5810702	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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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

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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-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	< 6.4	8900	< 7.9	< 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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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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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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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-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

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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: 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

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- 1) Non-detected concentrations have been represented as 'L' 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: 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

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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

< - 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 'L' 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 D

SPDES Permit

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



Joe Martens
Commissioner

DEC - 7 2011

FACILITY INFORMATION

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

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,

Agency Program Aide

Enclosure

cc: RPA
RWE
BWP

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

Facility and SPDES Permit Information

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

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

Date

William B. Barber

Sept. 28, 2011

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

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

Permit Administrator

Address:

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

Signature

Date

Stuart Fox

Stuart M. Fox

DEC - 7 2011

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 *4/1/07*

11 SEP 29 PM 2:22

RECEIVED 11 SEP 29 PM 2:22



Please enter the numbers from your current permit:	DEC Number <u>9 - 2940 - 00059, 0000 - 3</u> SPDES Number <u>NY 000 1988</u>
--	---

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:

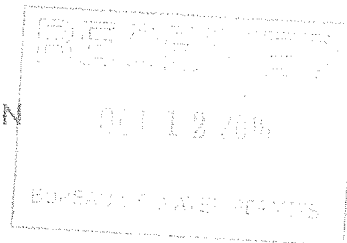
A vault water collection and conveyance system was approved by the NYSDEC in July 2011. The vault water collection and conveyance piping will route the collected water to the current groundwater treatment system. A copy of the approved system design can be transmitted to NYSDEC if requested. Operation 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)

NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION

Division of Environmental Permits & Pollution Prevention
625 Broadway, 4th Floor, Albany, New York 12233-1750
P: (518) 402-9167 | F: (518) 402-9168 | deppermitting@dec.ny.gov
www.dec.ny.gov



October 11, 2016

William B. Barber
Elm Holding Inc
4850 E 49th St MDC 3-147
Cleveland, OH 44125

Re: Facility: Former Carborundum Complex
DEC No.: 9-2940-00059
SPDES No.: NY0001988

Dear Permittee:

On October 3, 2016, the department received your complete application to renew the referenced State Pollution Discharge Environmental System (SPDES) permit. Prior to moving forward with the administrative procedures required for permit renewal, the department will be undertaking a full technical review of the SPDES discharge to determine the need to incorporate new permit requirements under the Federal Clean Water Act.

Based on your timely and sufficient renewal application submission, your current permit will remain in effect after the expiration date under the provisions of the State Administrative Procedure Act (SAPA), should the department's technical review and the subsequent permit modification not be completed prior to the expiration date of the current permit.

The timing of the department's full technical review will be determined by the ranking of the discharge under the department's Environmental Benefit Permit Strategy (EBPS). The EBPS utilizes a number of criteria to score and rank a wastewater discharge, giving priority for technical review to those discharges with the greatest potential to cause environmental harm. If not already provided prior to the submission of the renewal application, you will receive a "Request for Information" from the department seeking data to be used in the evaluation of the discharge and in the establishment of new provisions proposed for inclusion in the permit. Renewal application procedures, including public notice, will be commenced concurrently with proposed permit modifications. A decision on permit renewal and modification will be made following a consideration of comments from you and the public or after a public hearing, if a hearing is held.



Department of
Environmental
Conservation

If you have questions on the revised renewal procedure or SAPA, please contact me at (518) 402-9165. Questions on the federal requirements under the programs listed above and modification of your permit should be directed as follows:

Brian Baker @ (518) 402-8111

Sincerely,

A handwritten signature in cursive script, appearing to read "Lindy Sue Czubernat".

Lindy Sue Czubernat
Environmental Program Specialist

cc: K. Tang ✓
B. Baker
J. Konsella – Region 9
D. Denk – Region 9

Appendix E

Groundwater Sampling Field Forms (November 2019)

Low Flow Sampling Record											
Site Name: IP-BP Sanborn			Well ID: B-3M				Well Diameter:				
Samplers: T. Urban Z. Au			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) x 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				
Weather: 45°F, overcast, calm											
Purging Data:						feet below top of inner casing					
Method: Peri / Bladder		Date: 11/20/17		Time: (hhmm)		Initial Depth to Water: 14.09			Depth to Bottom: 25.22		
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:	
1513	14.09	210		11.2	1.52	2.19	7.52	-63.2	15.6		
1518	14.10	210		11.3	1.90	2.27	7.53	-57.2	5.17		
1523	14.10	210		11.3	1.95	2.23	7.50	-46.3	4.44		
1528	14.10	210		11.3	1.99	2.03	7.49	-37.3	3.36		
1533	14.10	210		11.3	2.00	2.07	7.50	-32.5	2.37		
1538	14.10	210		11.3	2.00	2.12	7.47	-28.8	2.13		
1543	14.10	210		11.3	2.03	2.03	7.47	-24.4	1.80		
1548	14.10	210		11.2	2.01	2.15	7.52	-22.1	2.87		
1550	Sampler										
Sample Collection Method: Date: 11/20/17 Time: 1550 Total Volume of Water Purged (gal): 2 gal.											
Hach Test Kits				Sample Set							
Alkalinity (mg/L)		N/A		Parameter		Bottle	Pres.	Method			
Carbon Dioxide (mg/L)		N/A		VOCs	☒	3-40 mL glass vial	HCL	8260C			
Ferrous Iron (mg/L)		N/A		Dissolved Fe & K	☐	1-500 mL poly(field filtered)	HNO3	6010C			
Hydrogen Sulfide (mg/L)		N/A		TOC	☐	2-40mL amber glass vial	H2SO4	9060A			
DTW				M.E.E	☐	3-40 mL glass vial	HCL	RSK-175 mod			
Sulfide				Sulfate	☐	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			
Comments: Grab 9a											

[illegible]

bp

212

Drawdown <0.3 ft

$$\text{gal} = (\text{Total Depth of Well} - \text{Depth to Water}) \times \text{Casing volume per foot}$$

17.95

42.5

GENSLIP

Sulfate + Nitrate

[illegible]





[illegible]

[illegible]

Low Flow Sampling Record											
Site Name: IP-BP Sanborn				Well ID: B-28M				Well Diameter: 2"			
Samplers: E. Au J. Urban				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) x 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			
Weather: 45°F overcast, Breezy											
Purging Data:								feet below top of inner casing			
Method: ☒ Peri ☐ Bladder		Date: 11/21/19		Time: 13:35		Initial Depth to Water		Depth to Bottom			
				(hhmm) 20:25		20.25		34.55			
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:	
1335	20.45	150	-	11.4	1.08	2.33	7.40	44.2	43.5	135	
1340	20.50	150	-	11.4	1.29	1.38	7.24	40.5	67.0		
1345	20.90	175	-	11.6	1.08	1.30	7.18	35.2	37.4		
1350	21.10	175	-	11.8	1.10	1.14	7.15	32.2	26.0		
1355	21.30	175	-	11.7	1.16	1.14	7.14	29.7	21.2		
1400	21.45	175	-	11.8	1.13	1.35	7.14	29.4	19.3		
1405	21.55	175	-	11.7	1.13	1.49	7.11	29.0	17.4		
1410	21.75	175	~1 gal	11.7	1.14	1.49	7.10	28.3	19.5		
1415	21.90	175	-	11.7	1.17	1.49	7.12	26.1	11.2		
1420	22.00	175	-	11.7	1.18	1.44	7.10	25.1	12.7		
1425	22.10	175	-	11.7	1.20	1.32	7.11	23.1	10.29		
1430	22.20	175	-	11.7	1.22	1.27	7.10	21.5	9.41		
1435	22.20	175	-	11.7	1.23	1.24	7.09	19.8	6.36		
Sample Collection Method: ☒ Peri ☐ Bladder				Date: 11/21/19		Time: 1435		Total Volume of Water Purged (gal): 2 gal.			
Hach Test Kits				Sample Set							
Alkalinity (mg/L)		N/A		Parameter		Bottle		Pres.		Method	
Carbon Dioxide (mg/L)		N/A		VOCs		3-40 mL glass vial		HCL		8260C	
Ferrous Iron (mg/L)		N/A		Dissolved Fe & K		1-500 mL poly(field filtered)		HNO3		6010C	
Hydrogen Sulfide (mg/L)		N/A		TOC		2-40mL amber glass vial		H2SO4		9060A	
DTW				M.E.E		3-40 mL glass vial		HCL		RSK-175 mod	
Comments:				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	

bp

Low Flow Sampling Record

Site Name:	IP-BP Sanborn
Well ID:	B-38M
Well Diameter:	2"
Samplers:	T. Urban E. Av.
Weather:	45°F overcast, slight breeze
Water Volume Calculation: gal = (Total Depth of Well - Depth to Water) × Casing volume per foot	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
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:	11/20/19	(hhmm)	Time:	1205	Initial Depth to Water	27.43	Depth to Bottom	41.35 soft bottom
Time hhmm	DW (ft)	Pump Rate (ml/min)	Volume (gal.)	Temp (C°)	Sp. Cond (ms/cm)	DO (mg/L)	pH	ORP (mV)	Turb (NTU)	Comments:
1207	27.60	340	-	10.4	2.33	7.92	7.21	92.8	36.3	clear
1212	27.60	340	-	10.4	2.34	7.82	7.13	93.4	18.5	
1217	27.60	340	-	10.4	2.32	7.65	7.10	95.0	10.7	
1222	27.66	340	-	10.3	1.99	7.26	7.10	94.6	4.37	
1227	27.70	340	-	10.4	1.76	4.36	7.08	94.1	1.81	
1232	27.70	340	-	10.3	1.63	3.75	7.06	91.4	1.06	
1237	27.70	340	-	10.4	1.58	3.50	7.05	88.0	0.97	
1242	27.70	340	-	10.4	1.53	3.38	7.04	85.2	0.60	
1247	27.62	340	-	10.4	1.51	3.26	7.02	82.4	1.46	
1252	27.70	340	-	10.4	1.50	3.33	7.02	80.0	1.09	

Sample Collection Method:	Date:	Time:	Total Volume of Water Purged (gal):
Peri Bladder	11/20/19	1255	5.0

Hach Test Kits	Parameter	Bottle	Pres.	Method
Alkalinity (mg/L)	N/A	VOCs	[X]	3-40 mL glass vial HCL 8260C
Carbon Dioxide (mg/L)	N/A	Dissolved Fe & K	[]	1-500 mL poly(field filtered) HNO3 6010C
Ferrous Iron (mg/L)	N/A	TOC	[]	2-40mL amber glass vial H2SO4 9060A
Hydrogen Sulfide (mg/L)	N/A	M.E.E	[]	3-40 mL glass vial HCL RSK-175 mod
DTW		Sulfide	[]	1- 250mL glass (field filtered) NaOH/Zn Acetate SM 4500 S2
Comments: Duplicate collected FD-112019 one of the two		Sulfate	[]	2-40 mL glass vial (field filtered) unpreserved 300.0
		Microbial Population	[]	In-line filter N/A CENSUS

only submitting 2 vials @ 1200

Low Flow Sampling Record											
Site Name: IP-BP Sanborn			Well ID: B-50 M			Well Diameter: 2"			Acceptance Criteria: Temp ± 3% pH ± 0.1 unit Sp. Cond. ± 3% ORP ± 10mV DO ± 10% Turbidity <50 NTU Drawdown <0.3 ft		
Samplers: T. Urban R. Murphy			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								
Weather: overcast, calm, 45°F											
Purging Data:						feet below top of inner casing					
Method: Peri Bladder		Date: 11/21/19		Time: 1045 (hhmm)		Initial Depth to Water: 5.27		Depth to Bottom: 36.07			
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:	
1045	5.27	300		11.1	0.88	2.77	7.15	218.2	4.77		
1050	5.19	300		10.9	0.91	1.51	7.09	207.4	6.85		
1055	5.19	300		10.8	0.92	1.08	7.05	202.2	7.39		
1100	5.19	400		10.9	0.92	0.79	7.04	199.5	3.78		
1105	5.19	400		10.9	0.92	0.64	7.03	198.7	4.12		
1110	5.19	400		10.9	0.92	0.59	7.02	198.2	3.46		
1115	5.19	400		10.9	0.92	0.50	7.01	198.1	3.48		
1120	5.19	400		10.9	0.92	0.51	7.02	197.3	1.70		
1125	5.19	400		10.9	0.91	0.41	7.02	197.5	1.79		
1130	5.19	400		10.9	0.91	0.39	7.01	197.7	2.02		
1135	5.19	400		10.9	0.92	0.37	7.01	197.8	2.39		
1140	5.19	400		10.9	0.92	0.35	7.02	197.7	2.42		
Sample Collection Method: Peri Bladder						Date: 11/21/19		Time: 1140		Total Volume of Water Purged (gal): 5	
Hach Test Kits				Sample Set							
Alkalinity (mg/L)		N/A		Parameter		Bottle		Pres.		Method	
Carbon Dioxide (mg/L)		N/A		VOCs		3-40 mL glass vial		HCL		8260C	
Ferrous Iron (mg/L)		N/A		Dissolved Fe & K		1-500 mL poly(field filtered)		HNO3		6010C	
Hydrogen Sulfide (mg/L)		N/A		TOC		2-40mL amber glass vial		H2SO4		9060A	
DTW				M.E.E		3-40 mL glass vial		HCL		RSK-175 mod	
Comments:				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	

[illegible]





✓ Nitrate + Sulfide - 500 ml Plastic
Sulfate $\rightarrow$ preserved

Appendix F

Analytical Laboratory Data Reports (November 2019)

ANALYTICAL REPORT

Eurofins TestAmerica, Canton
4101 Shuffel Street NW
North Canton, OH 44720
Tel: (330)497-9396

Laboratory Job ID: 240-122631-1
Client Project/Site: BP Sanborn

For:
AECOM
257 West Genesee Street
Suite 400
Buffalo, New York 14202-2657

Attn: George Kisluk



Authorized for release by:
11/29/2019 2:41:07 PM

Opal Johnson, Project Manager II
(330)966-9279
opal.johnson@testamericainc.com

LINKS

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www.testamericainc.com

This report has been electronically signed and authorized by the signatory. Electronic signature is intended to be the legally binding equivalent of a traditionally handwritten signature.

Results relate only to the items tested and the sample(s) as received by the laboratory.

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Definitions/Glossary

Client: AECOM
Project/Site: BP Sanborn

Job ID: 240-122631-1

Qualifiers

GC/MS VOA

Qualifier	Qualifier Description
F1	MS and/or MSD Recovery is outside acceptance limits.
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

Metals

Qualifier	Qualifier Description
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

General Chemistry

Qualifier	Qualifier Description
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.
α	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
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)
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
NC	Not Calculated
ND	Not Detected at the reporting limit (or MDL or EDL if shown)
PQL	Practical Quantitation Limit
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)

Case Narrative

Client: AECOM
Project/Site: BP Sanborn

Job ID: 240-122631-1

Job ID: 240-122631-1

Laboratory: Eurofins TestAmerica, Canton

Narrative

CASE NARRATIVE

Client: AECOM

Project: BP Sanborn

Report Number: 240-122631-1

With the exceptions noted as flags or footnotes, standard analytical protocols were followed in the analysis of the samples and no problems were encountered or anomalies observed. In addition all laboratory quality control samples were within established control limits, with any exceptions noted below. Each sample was analyzed to achieve the lowest possible reporting limit within the constraints of the method. In some cases, due to interference or analytes present at high concentrations, samples were diluted. For diluted samples, the reporting limits are adjusted relative to the dilution required.

Eurofins TestAmerica, Canton attests to the validity of the laboratory data generated by Eurofins TestAmerica facilities reported herein. All analyses performed by Eurofins TestAmerica facilities were done using established laboratory SOPs that incorporate QA/QC procedures described in the application methods. Eurofins TestAmerica's operations groups have reviewed the data for compliance with the laboratory QA/QC plan, and data have been found to be compliant with laboratory protocols unless otherwise noted below.

The test results in this report meet all NELAP requirements for parameters for which accreditation is required or available. Any exceptions to NELAP requirements are noted in this report. Pursuant to NELAP, this report may not be reproduced, except in full, without the written approval of the laboratory.

Calculations are performed before rounding to avoid round-off errors in calculated results.

All holding times were met and proper preservation noted for the methods performed on these samples, unless otherwise detailed in the individual sections below.

This laboratory report is confidential and is intended for the sole use of Eurofins TestAmerica and its client.

RECEIPT

The samples were received on 11/21/2019 9:10 AM; the samples arrived in good condition, properly preserved and, where required, on ice. The temperature of the cooler at receipt was 2.5° C.

VOLATILE ORGANIC COMPOUNDS (GC/MS)

Samples PW-1 (240-122631-1), P-2 (240-122631-2), PS-02 (240-122631-3), PW-03 (240-122631-4), PW-04 (240-122631-5), B-8M (240-122631-6), B-17M (240-122631-7), B-38M (240-122631-8), QUARRY (240-122631-9), FD-112019 (240-122631-10), B-3 (240-122631-11), P-3 (240-122631-12), T-002 (240-122631-13) and TRIP BLANK (240-122631-14) were analyzed for Volatile organic compounds (GC/MS) in accordance with EPA Method 624.1. The samples were analyzed on 11/25/2019 and 11/26/2019.

Samples PW-1 (240-122631-1)[100X], P-2 (240-122631-2)[2X], PS-02 (240-122631-3)[2500X], PS-02 (240-122631-3)[400X], PW-03 (240-122631-4)[20X], PW-04 (240-122631-5)[2X], B-8M (240-122631-6)[125X], B-17M (240-122631-7)[125X], B-3 (240-122631-11)[10X] and T-002 (240-122631-13)[20X] required dilution prior to analysis. The reporting limits have been adjusted accordingly.

Trichloroethene failed the recovery criteria low for the MSD of sample PW-1MSD (240-122631-1) in batch 240-412560.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/Glossary page.

TOTAL RECOVERABLE METALS (ICP)

Samples PS-02 (240-122631-3), PW-04 (240-122631-5), B-8M (240-122631-6) and B-17M (240-122631-7) were analyzed for total recoverable metals (ICP) in accordance with EPA SW-846 Method 6010C. The samples were prepared on 11/22/2019 and analyzed on

Case Narrative

Client: AECOM
Project/Site: BP Sanborn

Job ID: 240-122631-1

Job ID: 240-122631-1 (Continued)

Laboratory: Eurofins TestAmerica, Canton (Continued)

11/26/2019.

No analytical or quality issues were noted, other than those described above or in the Definitions/Glossary page.

ANIONS

Samples PS-02 (240-122631-3), PW-04 (240-122631-5), B-8M (240-122631-6) and B-17M (240-122631-7) were analyzed for anions in accordance with EPA Method 300.0. The samples were analyzed on 11/21/2019.

Samples PS-02 (240-122631-3)[5X] and B-8M (240-122631-6)[10X] required dilution prior to analysis. The reporting limits have been adjusted accordingly.

No analytical or quality issues were noted, other than those described above or in the Definitions/Glossary page.

TOTAL ORGANIC CARBON

Samples PS-02 (240-122631-3), PW-04 (240-122631-5), B-8M (240-122631-6) and B-17M (240-122631-7) were analyzed for total organic carbon in accordance with SM 5310. The samples were analyzed on 11/22/2019.

No analytical or quality issues were noted, other than those described above or in the Definitions/Glossary page.

Method Summary

Client: AECOM
Project/Site: BP Sanborn

Job ID: 240-122631-1

Method	Method Description	Protocol	Laboratory
624.1	Volatile Organic Compounds (GC/MS)	40CFR136A	TAL CAN
6010C	Metals (ICP)	SW846	TAL CAN
300.0	Anions, Ion Chromatography	MCAWW	TAL CAN
5310C-2011	Total Organic Carbon/Persulfate - Ultrav	SM	TAL CAN
3005A	Preparation, Total Recoverable or Dissolved Metals	SW846	TAL CAN

Protocol References:

40CFR136A = "Methods for Organic Chemical Analysis of Municipal Industrial Wastewater", 40CFR, Part 136, Appendix A, October 26, 1984 and subsequent revisions.

MCAWW = "Methods For Chemical Analysis Of Water And Wastes", EPA-600/4-79-020, March 1983 And Subsequent Revisions.

SM = "Standard Methods For The Examination Of Water And Wastewater"

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

Laboratory References:

TAL CAN = Eurofins TestAmerica, Canton, 4101 Shuffel Street NW, North Canton, OH 44720, TEL (330)497-9396

Sample Summary

Client: AECOM
Project/Site: BP Sanborn

Job ID: 240-122631-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Asset ID
240-122631-1	PW-1	Water	11/20/19 14:30	11/21/19 09:10	
240-122631-2	P-2	Water	11/20/19 11:00	11/21/19 09:10	
240-122631-3	PS-02	Water	11/20/19 09:10	11/21/19 09:10	
240-122631-4	PW-03	Water	11/20/19 10:00	11/21/19 09:10	
240-122631-5	PW-04	Water	11/20/19 08:50	11/21/19 09:10	
240-122631-6	B-8M	Water	11/20/19 10:20	11/21/19 09:10	
240-122631-7	B-17M	Water	11/20/19 14:40	11/21/19 09:10	
240-122631-8	B-38M	Water	11/20/19 12:55	11/21/19 09:10	
240-122631-9	QUARRY	Water	11/20/19 13:15	11/21/19 09:10	
240-122631-10	FD-112019	Water	11/20/19 12:00	11/21/19 09:10	
240-122631-11	B-3	Water	11/20/19 15:50	11/21/19 09:10	
240-122631-12	P-3	Water	11/20/19 15:55	11/21/19 09:10	
240-122631-13	T-002	Water	11/20/19 15:00	11/21/19 09:10	
240-122631-14	TRIP BLANK	Water	11/20/19 00:00	11/21/19 09:10	

Detection Summary

Client: AECOM
Project/Site: BP Sanborn

Job ID: 240-122631-1

Client Sample ID: PW-1

Lab Sample ID: 240-122631-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
cis-1,2-Dichloroethene	840		50	16	ug/L	100		624.1	Total/NA
1,1,1-Trichloroethane	25	J	100	24	ug/L	100		624.1	Total/NA
Trichloroethene	4500	F1	100	10	ug/L	100		624.1	Total/NA
Vinyl chloride	26	J	100	20	ug/L	100		624.1	Total/NA

Client Sample ID: P-2

Lab Sample ID: 240-122631-2

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
cis-1,2-Dichloroethene	10		1.0	0.32	ug/L	2		624.1	Total/NA
1,1-Dichloroethane	0.92	J	2.0	0.34	ug/L	2		624.1	Total/NA
1,1-Dichloroethene	0.38	J	2.0	0.38	ug/L	2		624.1	Total/NA
1,1,1-Trichloroethane	6.3		2.0	0.48	ug/L	2		624.1	Total/NA
Trichloroethene	110		2.0	0.20	ug/L	2		624.1	Total/NA

Client Sample ID: PS-02

Lab Sample ID: 240-122631-3

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
cis-1,2-Dichloroethene	5000		200	64	ug/L	400		624.1	Total/NA
Trichloroethene	87000		2500	250	ug/L	2500		624.1	Total/NA
Tetrachloroethene	66	J	400	60	ug/L	400		624.1	Total/NA
Iron	1500		200	26	ug/L	1		6010C	Total Recoverable
Manganese	600		15	2.1	ug/L	1		6010C	Total Recoverable
Total Organic Carbon	2.1		1.0	0.14	mg/L	1		5310C-2011	Total/NA

Client Sample ID: PW-03

Lab Sample ID: 240-122631-4

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
cis-1,2-Dichloroethene	140		10	3.2	ug/L	20		624.1	Total/NA
Trichloroethene	390		20	2.0	ug/L	20		624.1	Total/NA
Vinyl chloride	12	J	20	4.0	ug/L	20		624.1	Total/NA
Tetrachloroethene	3.5	J	20	3.0	ug/L	20		624.1	Total/NA

Client Sample ID: PW-04

Lab Sample ID: 240-122631-5

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
cis-1,2-Dichloroethene	23		1.0	0.32	ug/L	2		624.1	Total/NA
1,1-Dichloroethane	4.2		2.0	0.34	ug/L	2		624.1	Total/NA
1,1-Dichloroethene	0.56	J	2.0	0.38	ug/L	2		624.1	Total/NA
1,1,1-Trichloroethane	13		2.0	0.48	ug/L	2		624.1	Total/NA
Trichloroethene	62		2.0	0.20	ug/L	2		624.1	Total/NA
Iron	1600		200	26	ug/L	1		6010C	Total Recoverable
Manganese	76		15	2.1	ug/L	1		6010C	Total Recoverable
Nitrate as N	0.042	J	0.10	0.014	mg/L	1		300.0	Total/NA
Total Organic Carbon	1.5		1.0	0.14	mg/L	1		5310C-2011	Total/NA

Client Sample ID: B-8M

Lab Sample ID: 240-122631-6

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
cis-1,2-Dichloroethene	4000		63	20	ug/L	125		624.1	Total/NA
Trichloroethene	7500		130	13	ug/L	125		624.1	Total/NA

This Detection Summary does not include radiochemical test results.

Eurofins TestAmerica, Canton

Detection Summary

Client: AECOM
Project/Site: BP Sanborn

Job ID: 240-122631-1

Client Sample ID: B-8M (Continued)

Lab Sample ID: 240-122631-6

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Vinyl chloride	170		130	25	ug/L	125		624.1	Total/NA
Iron	550		200	26	ug/L	1		6010C	Total
Manganese	3000		15	2.1	ug/L	1		6010C	Recoverable
Total Organic Carbon	6.2		1.0	0.14	mg/L	1		5310C-2011	Total

Client Sample ID: B-17M

Lab Sample ID: 240-122631-7

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
cis-1,2-Dichloroethene	5000		63	20	ug/L	125		624.1	Total/NA
1,1-Dichloroethane	44	J	130	21	ug/L	125		624.1	Total/NA
Trichloroethene	3400		130	13	ug/L	125		624.1	Total/NA
Vinyl chloride	1200		130	25	ug/L	125		624.1	Total/NA
Iron	170	J	200	26	ug/L	1		6010C	Total
Manganese	17		15	2.1	ug/L	1		6010C	Recoverable
Nitrate as N	0.17		0.10	0.014	mg/L	1		300.0	Total/NA
Total Organic Carbon	4.6		1.0	0.14	mg/L	1		5310C-2011	Total/NA

Client Sample ID: B-38M

Lab Sample ID: 240-122631-8

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
cis-1,2-Dichloroethene	31		0.50	0.16	ug/L	1		624.1	Total/NA
1,1-Dichloroethane	0.79	J	1.0	0.17	ug/L	1		624.1	Total/NA
1,1-Dichloroethene	0.87	J	1.0	0.19	ug/L	1		624.1	Total/NA
trans-1,2-Dichloroethene	0.66		0.50	0.19	ug/L	1		624.1	Total/NA
1,1,1-Trichloroethane	0.25	J	1.0	0.24	ug/L	1		624.1	Total/NA
Trichloroethene	30		1.0	0.10	ug/L	1		624.1	Total/NA
Vinyl chloride	2.1		1.0	0.20	ug/L	1		624.1	Total/NA

Client Sample ID: QUARRY

Lab Sample ID: 240-122631-9

No Detections.

Client Sample ID: FD-112019

Lab Sample ID: 240-122631-10

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
cis-1,2-Dichloroethene	31		0.50	0.16	ug/L	1		624.1	Total/NA
1,1-Dichloroethane	0.80	J	1.0	0.17	ug/L	1		624.1	Total/NA
1,1-Dichloroethene	0.88	J	1.0	0.19	ug/L	1		624.1	Total/NA
trans-1,2-Dichloroethene	0.70		0.50	0.19	ug/L	1		624.1	Total/NA
Trichloroethene	30		1.0	0.10	ug/L	1		624.1	Total/NA
Vinyl chloride	2.0		1.0	0.20	ug/L	1		624.1	Total/NA

Client Sample ID: B-3

Lab Sample ID: 240-122631-11

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
cis-1,2-Dichloroethene	240		5.0	1.6	ug/L	10		624.1	Total/NA
1,1,1-Trichloroethane	2.9	J	10	2.4	ug/L	10		624.1	Total/NA
Trichloroethene	280		10	1.0	ug/L	10		624.1	Total/NA
Tetrachloroethene	2.0	J	10	1.5	ug/L	10		624.1	Total/NA

This Detection Summary does not include radiochemical test results.

Eurofins TestAmerica, Canton

Detection Summary

Client: AECOM
Project/Site: BP Sanborn

Job ID: 240-122631-1

Client Sample ID: P-3

Lab Sample ID: 240-122631-12

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
cis-1,2-Dichloroethene	26		0.50	0.16	ug/L	1		624.1	Total/NA
trans-1,2-Dichloroethene	2.4		0.50	0.19	ug/L	1		624.1	Total/NA
Trichloroethene	0.78	J	1.0	0.10	ug/L	1		624.1	Total/NA
Vinyl chloride	3.0		1.0	0.20	ug/L	1		624.1	Total/NA

Client Sample ID: T-002

Lab Sample ID: 240-122631-13

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
cis-1,2-Dichloroethene	460		10	3.2	ug/L	20		624.1	Total/NA
1,1-Dichloroethane	9.4	J	20	3.4	ug/L	20		624.1	Total/NA
Trichloroethene	750		20	2.0	ug/L	20		624.1	Total/NA
Vinyl chloride	28		20	4.0	ug/L	20		624.1	Total/NA
Tetrachloroethene	4.4	J	20	3.0	ug/L	20		624.1	Total/NA

Client Sample ID: TRIP BLANK

Lab Sample ID: 240-122631-14

No Detections.

This Detection Summary does not include radiochemical test results.

Eurofins TestAmerica, Canton

Client Sample Results

Client: AECOM
Project/Site: BP Sanborn

Job ID: 240-122631-1

Client Sample ID: PW-1

Lab Sample ID: 240-122631-1

Date Collected: 11/20/19 14:30

Matrix: Water

Date Received: 11/21/19 09:10

Method: 624.1 - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloroform	ND		100	13	ug/L			11/25/19 23:29	100
cis-1,2-Dichloroethene	840		50	16	ug/L			11/25/19 23:29	100
1,1-Dichloroethane	ND		100	17	ug/L			11/25/19 23:29	100
1,1-Dichloroethene	ND		100	19	ug/L			11/25/19 23:29	100
Methylene Chloride	ND		500	260	ug/L			11/25/19 23:29	100
trans-1,2-Dichloroethene	ND		50	19	ug/L			11/25/19 23:29	100
1,1,1-Trichloroethane	25 J		100	24	ug/L			11/25/19 23:29	100
Trichloroethene	4500 F1		100	10	ug/L			11/25/19 23:29	100
Vinyl chloride	26 J		100	20	ug/L			11/25/19 23:29	100
Tetrachloroethene	ND		100	15	ug/L			11/25/19 23:29	100
Carbon tetrachloride	ND		100	26	ug/L			11/25/19 23:29	100
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	88		47 - 134					11/25/19 23:29	100
1,2-Dichloroethane-d4 (Surr)	92		75 - 130					11/25/19 23:29	100
Toluene-d8 (Surr)	89		69 - 122					11/25/19 23:29	100

Client Sample Results

Client: AECOM
Project/Site: BP Sanborn

Job ID: 240-122631-1

Client Sample ID: P-2

Lab Sample ID: 240-122631-2

Date Collected: 11/20/19 11:00

Matrix: Water

Date Received: 11/21/19 09:10

Method: 624.1 - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloroform	ND		2.0	0.26	ug/L			11/25/19 23:51	2
cis-1,2-Dichloroethene	10		1.0	0.32	ug/L			11/25/19 23:51	2
1,1-Dichloroethane	0.92	J	2.0	0.34	ug/L			11/25/19 23:51	2
1,1-Dichloroethene	0.38	J	2.0	0.38	ug/L			11/25/19 23:51	2
Methylene Chloride	ND		10	5.2	ug/L			11/25/19 23:51	2
trans-1,2-Dichloroethene	ND		1.0	0.38	ug/L			11/25/19 23:51	2
1,1,1-Trichloroethane	6.3		2.0	0.48	ug/L			11/25/19 23:51	2
Trichloroethene	110		2.0	0.20	ug/L			11/25/19 23:51	2
Vinyl chloride	ND		2.0	0.40	ug/L			11/25/19 23:51	2
Tetrachloroethene	ND		2.0	0.30	ug/L			11/25/19 23:51	2
Carbon tetrachloride	ND		2.0	0.52	ug/L			11/25/19 23:51	2
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	87		47 - 134					11/25/19 23:51	2
1,2-Dichloroethane-d4 (Surr)	91		75 - 130					11/25/19 23:51	2
Toluene-d8 (Surr)	87		69 - 122					11/25/19 23:51	2

Client Sample Results

Client: AECOM
Project/Site: BP Sanborn

Job ID: 240-122631-1

Client Sample ID: PS-02

Lab Sample ID: 240-122631-3

Date Collected: 11/20/19 09:10

Matrix: Water

Date Received: 11/21/19 09:10

Method: 624.1 - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloroform	ND		400	52	ug/L			11/26/19 00:14	400
cis-1,2-Dichloroethene	5000		200	64	ug/L			11/26/19 00:14	400
1,1-Dichloroethane	ND		400	68	ug/L			11/26/19 00:14	400
1,1-Dichloroethene	ND		400	76	ug/L			11/26/19 00:14	400
Methylene Chloride	ND		2000	1000	ug/L			11/26/19 00:14	400
trans-1,2-Dichloroethene	ND		200	76	ug/L			11/26/19 00:14	400
1,1,1-Trichloroethane	ND		400	96	ug/L			11/26/19 00:14	400
Trichloroethene	87000		2500	250	ug/L			11/26/19 19:48	2500
Vinyl chloride	ND		400	80	ug/L			11/26/19 00:14	400
Tetrachloroethene	66 J		400	60	ug/L			11/26/19 00:14	400
Carbon tetrachloride	ND		400	100	ug/L			11/26/19 00:14	400

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	87		47 - 134		11/26/19 00:14	400
4-Bromofluorobenzene (Surr)	87		47 - 134		11/26/19 19:48	2500
1,2-Dichloroethane-d4 (Surr)	90		75 - 130		11/26/19 00:14	400
1,2-Dichloroethane-d4 (Surr)	90		75 - 130		11/26/19 19:48	2500
Toluene-d8 (Surr)	88		69 - 122		11/26/19 00:14	400
Toluene-d8 (Surr)	91		69 - 122		11/26/19 19:48	2500

Method: 6010C - Metals (ICP) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Iron	1500		200	26	ug/L		11/22/19 14:00	11/26/19 06:12	1
Manganese	600		15	2.1	ug/L		11/22/19 14:00	11/26/19 06:12	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Nitrate as N	ND		0.50	0.070	mg/L			11/21/19 21:37	5
Total Organic Carbon	2.1		1.0	0.14	mg/L			11/22/19 20:30	1

Client Sample Results

Client: AECOM
Project/Site: BP Sanborn

Job ID: 240-122631-1

Client Sample ID: PW-03

Lab Sample ID: 240-122631-4

Date Collected: 11/20/19 10:00

Matrix: Water

Date Received: 11/21/19 09:10

Method: 624.1 - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloroform	ND		20	2.6	ug/L			11/26/19 00:36	20
cis-1,2-Dichloroethene	140		10	3.2	ug/L			11/26/19 00:36	20
1,1-Dichloroethane	ND		20	3.4	ug/L			11/26/19 00:36	20
1,1-Dichloroethene	ND		20	3.8	ug/L			11/26/19 00:36	20
Methylene Chloride	ND		100	52	ug/L			11/26/19 00:36	20
trans-1,2-Dichloroethene	ND		10	3.8	ug/L			11/26/19 00:36	20
1,1,1-Trichloroethane	ND		20	4.8	ug/L			11/26/19 00:36	20
Trichloroethene	390		20	2.0	ug/L			11/26/19 00:36	20
Vinyl chloride	12 J		20	4.0	ug/L			11/26/19 00:36	20
Tetrachloroethene	3.5 J		20	3.0	ug/L			11/26/19 00:36	20
Carbon tetrachloride	ND		20	5.2	ug/L			11/26/19 00:36	20

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	92		47 - 134		11/26/19 00:36	20
1,2-Dichloroethane-d4 (Surr)	96		75 - 130		11/26/19 00:36	20
Toluene-d8 (Surr)	91		69 - 122		11/26/19 00:36	20

Client Sample Results

Client: AECOM
Project/Site: BP Sanborn

Job ID: 240-122631-1

Client Sample ID: PW-04

Lab Sample ID: 240-122631-5

Date Collected: 11/20/19 08:50

Matrix: Water

Date Received: 11/21/19 09:10

Method: 624.1 - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloroform	ND		2.0	0.26	ug/L			11/26/19 00:58	2
cis-1,2-Dichloroethene	23		1.0	0.32	ug/L			11/26/19 00:58	2
1,1-Dichloroethane	4.2		2.0	0.34	ug/L			11/26/19 00:58	2
1,1-Dichloroethene	0.56	J	2.0	0.38	ug/L			11/26/19 00:58	2
Methylene Chloride	ND		10	5.2	ug/L			11/26/19 00:58	2
trans-1,2-Dichloroethene	ND		1.0	0.38	ug/L			11/26/19 00:58	2
1,1,1-Trichloroethane	13		2.0	0.48	ug/L			11/26/19 00:58	2
Trichloroethene	62		2.0	0.20	ug/L			11/26/19 00:58	2
Vinyl chloride	ND		2.0	0.40	ug/L			11/26/19 00:58	2
Tetrachloroethene	ND		2.0	0.30	ug/L			11/26/19 00:58	2
Carbon tetrachloride	ND		2.0	0.52	ug/L			11/26/19 00:58	2

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	89		47 - 134		11/26/19 00:58	2
1,2-Dichloroethane-d4 (Surr)	90		75 - 130		11/26/19 00:58	2
Toluene-d8 (Surr)	89		69 - 122		11/26/19 00:58	2

Method: 6010C - Metals (ICP) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Iron	1600		200	26	ug/L		11/22/19 14:00	11/26/19 08:07	1
Manganese	76		15	2.1	ug/L		11/22/19 14:00	11/26/19 08:07	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Nitrate as N	0.042	J	0.10	0.014	mg/L			11/21/19 21:58	1
Total Organic Carbon	1.5		1.0	0.14	mg/L			11/22/19 20:47	1

Client Sample Results

Client: AECOM
Project/Site: BP Sanborn

Job ID: 240-122631-1

Client Sample ID: B-8M

Lab Sample ID: 240-122631-6

Date Collected: 11/20/19 10:20

Matrix: Water

Date Received: 11/21/19 09:10

Method: 624.1 - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloroform	ND		130	16	ug/L			11/26/19 01:21	125
cis-1,2-Dichloroethene	4000		63	20	ug/L			11/26/19 01:21	125
1,1-Dichloroethane	ND		130	21	ug/L			11/26/19 01:21	125
1,1-Dichloroethene	ND		130	24	ug/L			11/26/19 01:21	125
Methylene Chloride	ND		630	330	ug/L			11/26/19 01:21	125
trans-1,2-Dichloroethene	ND		63	24	ug/L			11/26/19 01:21	125
1,1,1-Trichloroethane	ND		130	30	ug/L			11/26/19 01:21	125
Trichloroethene	7500		130	13	ug/L			11/26/19 01:21	125
Vinyl chloride	170		130	25	ug/L			11/26/19 01:21	125
Tetrachloroethene	ND		130	19	ug/L			11/26/19 01:21	125
Carbon tetrachloride	ND		130	33	ug/L			11/26/19 01:21	125

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	83		47 - 134		11/26/19 01:21	125
1,2-Dichloroethane-d4 (Surr)	89		75 - 130		11/26/19 01:21	125
Toluene-d8 (Surr)	86		69 - 122		11/26/19 01:21	125

Method: 6010C - Metals (ICP) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Iron	550		200	26	ug/L		11/22/19 14:00	11/26/19 08:12	1
Manganese	3000		15	2.1	ug/L		11/22/19 14:00	11/26/19 08:12	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Nitrate as N	ND		1.0	0.14	mg/L			11/21/19 23:41	10
Total Organic Carbon	6.2		1.0	0.14	mg/L			11/22/19 21:06	1

Client Sample Results

Client: AECOM
Project/Site: BP Sanborn

Job ID: 240-122631-1

Client Sample ID: B-17M

Lab Sample ID: 240-122631-7

Date Collected: 11/20/19 14:40

Matrix: Water

Date Received: 11/21/19 09:10

Method: 624.1 - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloroform	ND		130	16	ug/L			11/26/19 01:43	125
cis-1,2-Dichloroethene	5000		63	20	ug/L			11/26/19 01:43	125
1,1-Dichloroethane	44	J	130	21	ug/L			11/26/19 01:43	125
1,1-Dichloroethene	ND		130	24	ug/L			11/26/19 01:43	125
Methylene Chloride	ND		630	330	ug/L			11/26/19 01:43	125
trans-1,2-Dichloroethene	ND		63	24	ug/L			11/26/19 01:43	125
1,1,1-Trichloroethane	ND		130	30	ug/L			11/26/19 01:43	125
Trichloroethene	3400		130	13	ug/L			11/26/19 01:43	125
Vinyl chloride	1200		130	25	ug/L			11/26/19 01:43	125
Tetrachloroethene	ND		130	19	ug/L			11/26/19 01:43	125
Carbon tetrachloride	ND		130	33	ug/L			11/26/19 01:43	125

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	86		47 - 134		11/26/19 01:43	125
1,2-Dichloroethane-d4 (Surr)	90		75 - 130		11/26/19 01:43	125
Toluene-d8 (Surr)	88		69 - 122		11/26/19 01:43	125

Method: 6010C - Metals (ICP) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Iron	170	J	200	26	ug/L		11/22/19 14:00	11/26/19 08:16	1
Manganese	17		15	2.1	ug/L		11/22/19 14:00	11/26/19 08:16	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Nitrate as N	0.17		0.10	0.014	mg/L			11/21/19 22:19	1
Total Organic Carbon	4.6		1.0	0.14	mg/L			11/22/19 21:23	1

Client Sample Results

Client: AECOM
Project/Site: BP Sanborn

Job ID: 240-122631-1

Client Sample ID: B-38M

Lab Sample ID: 240-122631-8

Date Collected: 11/20/19 12:55

Matrix: Water

Date Received: 11/21/19 09:10

Method: 624.1 - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloroform	ND		1.0	0.13	ug/L			11/26/19 02:06	1
cis-1,2-Dichloroethene	31		0.50	0.16	ug/L			11/26/19 02:06	1
1,1-Dichloroethane	0.79	J	1.0	0.17	ug/L			11/26/19 02:06	1
1,1-Dichloroethene	0.87	J	1.0	0.19	ug/L			11/26/19 02:06	1
Methylene Chloride	ND		5.0	2.6	ug/L			11/26/19 02:06	1
trans-1,2-Dichloroethene	0.66		0.50	0.19	ug/L			11/26/19 02:06	1
1,1,1-Trichloroethane	0.25	J	1.0	0.24	ug/L			11/26/19 02:06	1
Trichloroethene	30		1.0	0.10	ug/L			11/26/19 02:06	1
Vinyl chloride	2.1		1.0	0.20	ug/L			11/26/19 02:06	1
Tetrachloroethene	ND		1.0	0.15	ug/L			11/26/19 02:06	1
Carbon tetrachloride	ND		1.0	0.26	ug/L			11/26/19 02:06	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	87		47 - 134					11/26/19 02:06	1
1,2-Dichloroethane-d4 (Surr)	90		75 - 130					11/26/19 02:06	1
Toluene-d8 (Surr)	89		69 - 122					11/26/19 02:06	1

Client Sample Results

Client: AECOM
Project/Site: BP Sanborn

Job ID: 240-122631-1

Client Sample ID: QUARRY

Lab Sample ID: 240-122631-9

Date Collected: 11/20/19 13:15

Matrix: Water

Date Received: 11/21/19 09:10

Method: 624.1 - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloroform	ND		1.0	0.13	ug/L			11/26/19 02:28	1
cis-1,2-Dichloroethene	ND		0.50	0.16	ug/L			11/26/19 02:28	1
1,1-Dichloroethane	ND		1.0	0.17	ug/L			11/26/19 02:28	1
1,1-Dichloroethene	ND		1.0	0.19	ug/L			11/26/19 02:28	1
Methylene Chloride	ND		5.0	2.6	ug/L			11/26/19 02:28	1
trans-1,2-Dichloroethene	ND		0.50	0.19	ug/L			11/26/19 02:28	1
1,1,1-Trichloroethane	ND		1.0	0.24	ug/L			11/26/19 02:28	1
Trichloroethene	ND		1.0	0.10	ug/L			11/26/19 02:28	1
Vinyl chloride	ND		1.0	0.20	ug/L			11/26/19 02:28	1
Tetrachloroethene	ND		1.0	0.15	ug/L			11/26/19 02:28	1
Carbon tetrachloride	ND		1.0	0.26	ug/L			11/26/19 02:28	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	87		47 - 134		11/26/19 02:28	1
1,2-Dichloroethane-d4 (Surr)	94		75 - 130		11/26/19 02:28	1
Toluene-d8 (Surr)	89		69 - 122		11/26/19 02:28	1

Client Sample Results

Client: AECOM
Project/Site: BP Sanborn

Job ID: 240-122631-1

Client Sample ID: FD-112019

Lab Sample ID: 240-122631-10

Date Collected: 11/20/19 12:00

Matrix: Water

Date Received: 11/21/19 09:10

Method: 624.1 - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloroform	ND		1.0	0.13	ug/L			11/25/19 22:44	1
cis-1,2-Dichloroethene	31		0.50	0.16	ug/L			11/25/19 22:44	1
1,1-Dichloroethane	0.80	J	1.0	0.17	ug/L			11/25/19 22:44	1
1,1-Dichloroethene	0.88	J	1.0	0.19	ug/L			11/25/19 22:44	1
Methylene Chloride	ND		5.0	2.6	ug/L			11/25/19 22:44	1
trans-1,2-Dichloroethene	0.70		0.50	0.19	ug/L			11/25/19 22:44	1
1,1,1-Trichloroethane	ND		1.0	0.24	ug/L			11/25/19 22:44	1
Trichloroethene	30		1.0	0.10	ug/L			11/25/19 22:44	1
Vinyl chloride	2.0		1.0	0.20	ug/L			11/25/19 22:44	1
Tetrachloroethene	ND		1.0	0.15	ug/L			11/25/19 22:44	1
Carbon tetrachloride	ND		1.0	0.26	ug/L			11/25/19 22:44	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	85		47 - 134		11/25/19 22:44	1
1,2-Dichloroethane-d4 (Surr)	89		75 - 130		11/25/19 22:44	1
Toluene-d8 (Surr)	87		69 - 122		11/25/19 22:44	1

Client Sample Results

Client: AECOM
Project/Site: BP Sanborn

Job ID: 240-122631-1

Client Sample ID: B-3

Lab Sample ID: 240-122631-11

Date Collected: 11/20/19 15:50

Matrix: Water

Date Received: 11/21/19 09:10

Method: 624.1 - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloroform	ND		10	1.3	ug/L			11/26/19 02:50	10
cis-1,2-Dichloroethene	240		5.0	1.6	ug/L			11/26/19 02:50	10
1,1-Dichloroethane	ND		10	1.7	ug/L			11/26/19 02:50	10
1,1-Dichloroethene	ND		10	1.9	ug/L			11/26/19 02:50	10
Methylene Chloride	ND		50	26	ug/L			11/26/19 02:50	10
trans-1,2-Dichloroethene	ND		5.0	1.9	ug/L			11/26/19 02:50	10
1,1,1-Trichloroethane	2.9 J		10	2.4	ug/L			11/26/19 02:50	10
Trichloroethene	280		10	1.0	ug/L			11/26/19 02:50	10
Vinyl chloride	ND		10	2.0	ug/L			11/26/19 02:50	10
Tetrachloroethene	2.0 J		10	1.5	ug/L			11/26/19 02:50	10
Carbon tetrachloride	ND		10	2.6	ug/L			11/26/19 02:50	10
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	91		47 - 134					11/26/19 02:50	10
1,2-Dichloroethane-d4 (Surr)	94		75 - 130					11/26/19 02:50	10
Toluene-d8 (Surr)	91		69 - 122					11/26/19 02:50	10

Client Sample Results

Client: AECOM
Project/Site: BP Sanborn

Job ID: 240-122631-1

Client Sample ID: P-3

Lab Sample ID: 240-122631-12

Date Collected: 11/20/19 15:55

Matrix: Water

Date Received: 11/21/19 09:10

Method: 624.1 - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloroform	ND		1.0	0.13	ug/L			11/26/19 03:13	1
cis-1,2-Dichloroethene	26		0.50	0.16	ug/L			11/26/19 03:13	1
1,1-Dichloroethane	ND		1.0	0.17	ug/L			11/26/19 03:13	1
1,1-Dichloroethene	ND		1.0	0.19	ug/L			11/26/19 03:13	1
Methylene Chloride	ND		5.0	2.6	ug/L			11/26/19 03:13	1
trans-1,2-Dichloroethene	2.4		0.50	0.19	ug/L			11/26/19 03:13	1
1,1,1-Trichloroethane	ND		1.0	0.24	ug/L			11/26/19 03:13	1
Trichloroethene	0.78 J		1.0	0.10	ug/L			11/26/19 03:13	1
Vinyl chloride	3.0		1.0	0.20	ug/L			11/26/19 03:13	1
Tetrachloroethene	ND		1.0	0.15	ug/L			11/26/19 03:13	1
Carbon tetrachloride	ND		1.0	0.26	ug/L			11/26/19 03:13	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	85		47 - 134		11/26/19 03:13	1
1,2-Dichloroethane-d4 (Surr)	90		75 - 130		11/26/19 03:13	1
Toluene-d8 (Surr)	86		69 - 122		11/26/19 03:13	1

Client Sample Results

Client: AECOM
Project/Site: BP Sanborn

Job ID: 240-122631-1

Client Sample ID: T-002

Lab Sample ID: 240-122631-13

Date Collected: 11/20/19 15:00

Matrix: Water

Date Received: 11/21/19 09:10

Method: 624.1 - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloroform	ND		20	2.6	ug/L			11/26/19 03:35	20
cis-1,2-Dichloroethene	460		10	3.2	ug/L			11/26/19 03:35	20
1,1-Dichloroethane	9.4	J	20	3.4	ug/L			11/26/19 03:35	20
1,1-Dichloroethene	ND		20	3.8	ug/L			11/26/19 03:35	20
Methylene Chloride	ND		100	52	ug/L			11/26/19 03:35	20
trans-1,2-Dichloroethene	ND		10	3.8	ug/L			11/26/19 03:35	20
1,1,1-Trichloroethane	ND		20	4.8	ug/L			11/26/19 03:35	20
Trichloroethene	750		20	2.0	ug/L			11/26/19 03:35	20
Vinyl chloride	28		20	4.0	ug/L			11/26/19 03:35	20
Tetrachloroethene	4.4	J	20	3.0	ug/L			11/26/19 03:35	20
Carbon tetrachloride	ND		20	5.2	ug/L			11/26/19 03:35	20

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	92		47 - 134		11/26/19 03:35	20
1,2-Dichloroethane-d4 (Surr)	94		75 - 130		11/26/19 03:35	20
Toluene-d8 (Surr)	92		69 - 122		11/26/19 03:35	20

Client Sample Results

Client: AECOM
Project/Site: BP Sanborn

Job ID: 240-122631-1

Client Sample ID: TRIP BLANK

Lab Sample ID: 240-122631-14

Date Collected: 11/20/19 00:00

Matrix: Water

Date Received: 11/21/19 09:10

Method: 624.1 - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloroform	ND		1.0	0.13	ug/L			11/25/19 23:06	1
cis-1,2-Dichloroethene	ND		0.50	0.16	ug/L			11/25/19 23:06	1
1,1-Dichloroethane	ND		1.0	0.17	ug/L			11/25/19 23:06	1
1,1-Dichloroethene	ND		1.0	0.19	ug/L			11/25/19 23:06	1
Methylene Chloride	ND		5.0	2.6	ug/L			11/25/19 23:06	1
trans-1,2-Dichloroethene	ND		0.50	0.19	ug/L			11/25/19 23:06	1
1,1,1-Trichloroethane	ND		1.0	0.24	ug/L			11/25/19 23:06	1
Trichloroethene	ND		1.0	0.10	ug/L			11/25/19 23:06	1
Vinyl chloride	ND		1.0	0.20	ug/L			11/25/19 23:06	1
Tetrachloroethene	ND		1.0	0.15	ug/L			11/25/19 23:06	1
Carbon tetrachloride	ND		1.0	0.26	ug/L			11/25/19 23:06	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	91		47 - 134		11/25/19 23:06	1
1,2-Dichloroethane-d4 (Surr)	95		75 - 130		11/25/19 23:06	1
Toluene-d8 (Surr)	92		69 - 122		11/25/19 23:06	1

Surrogate Summary

Client: AECOM
Project/Site: BP Sanborn

Job ID: 240-122631-1

Method: 624.1 - Volatile Organic Compounds (GC/MS)

Matrix: Water

Prep Type: Total/NA

Lab Sample ID	Client Sample ID	Percent Surrogate Recovery (Acceptance Limits)		
		BFB (47-134)	DCA (75-130)	TOL (69-122)
240-122631-1	PW-1	88	92	89
240-122631-1 MS	PW-1	93	86	90
240-122631-1 MSD	PW-1	88	85	86
240-122631-2	P-2	87	91	87
240-122631-3	PS-02	87	90	88
240-122631-3	PS-02	87	90	91
240-122631-4	PW-03	92	96	91
240-122631-5	PW-04	89	90	89
240-122631-6	B-8M	83	89	86
240-122631-7	B-17M	86	90	88
240-122631-8	B-38M	87	90	89
240-122631-9	QUARRY	87	94	89
240-122631-10	FD-112019	85	89	87
240-122631-11	B-3	91	94	91
240-122631-12	P-3	85	90	86
240-122631-13	T-002	92	94	92
240-122631-14	TRIP BLANK	91	95	92
LCS 240-412560/5	Lab Control Sample	84	88	85
LCS 240-412769/5	Lab Control Sample	88	90	88
MB 240-412560/8	Method Blank	86	89	86
MB 240-412769/8	Method Blank	90	93	91

Surrogate Legend

BFB = 4-Bromofluorobenzene (Surr)

DCA = 1,2-Dichloroethane-d4 (Surr)

TOL = Toluene-d8 (Surr)

QC Sample Results

Client: AECOM
Project/Site: BP Sanborn

Job ID: 240-122631-1

Method: 624.1 - Volatile Organic Compounds (GC/MS)

Lab Sample ID: MB 240-412560/8

Matrix: Water

Analysis Batch: 412560

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	0.13	ug/L			11/25/19 18:59	1
cis-1,2-Dichloroethene	ND		0.50	0.16	ug/L			11/25/19 18:59	1
1,1-Dichloroethane	ND		1.0	0.17	ug/L			11/25/19 18:59	1
1,1-Dichloroethene	ND		1.0	0.19	ug/L			11/25/19 18:59	1
Methylene Chloride	ND		5.0	2.6	ug/L			11/25/19 18:59	1
trans-1,2-Dichloroethene	ND		0.50	0.19	ug/L			11/25/19 18:59	1
1,1,1-Trichloroethane	ND		1.0	0.24	ug/L			11/25/19 18:59	1
Trichloroethene	ND		1.0	0.10	ug/L			11/25/19 18:59	1
Vinyl chloride	ND		1.0	0.20	ug/L			11/25/19 18:59	1
Tetrachloroethene	ND		1.0	0.15	ug/L			11/25/19 18:59	1
Carbon tetrachloride	ND		1.0	0.26	ug/L			11/25/19 18:59	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	86		47 - 134		11/25/19 18:59	1
1,2-Dichloroethane-d4 (Surr)	89		75 - 130		11/25/19 18:59	1
Toluene-d8 (Surr)	86		69 - 122		11/25/19 18:59	1

Lab Sample ID: LCS 240-412560/5

Matrix: Water

Analysis Batch: 412560

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Chloroform	20.0	19.9		ug/L		100	70 - 135
cis-1,2-Dichloroethene	20.0	19.4		ug/L		97	75 - 124
1,1-Dichloroethane	20.0	20.5		ug/L		103	70 - 130
1,1-Dichloroethene	20.0	22.0		ug/L		110	50 - 150
Methylene Chloride	20.0	18.1		ug/L		90	60 - 140
trans-1,2-Dichloroethene	20.0	20.6		ug/L		103	70 - 130
1,1,1-Trichloroethane	20.0	19.6		ug/L		98	70 - 130
Trichloroethene	20.0	20.8		ug/L		104	65 - 135
Vinyl chloride	20.0	19.7		ug/L		99	5 - 195
Tetrachloroethene	20.0	19.4		ug/L		97	70 - 130
Carbon tetrachloride	20.0	20.7		ug/L		103	70 - 130

Surrogate	LCS %Recovery	LCS Qualifier	Limits
4-Bromofluorobenzene (Surr)	84		47 - 134
1,2-Dichloroethane-d4 (Surr)	88		75 - 130
Toluene-d8 (Surr)	85		69 - 122

Lab Sample ID: 240-122631-1 MS

Matrix: Water

Analysis Batch: 412560

Client Sample ID: PW-1

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Chloroform	ND		2000	1900		ug/L		95	51 - 138
cis-1,2-Dichloroethene	840		2000	2650		ug/L		91	68 - 121
1,1-Dichloroethane	ND		2000	1980		ug/L		99	59 - 155
1,1-Dichloroethene	ND		2000	2030		ug/L		101	0 - 234

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QC Sample Results

Client: AECOM
Project/Site: BP Sanborn

Job ID: 240-122631-1

Method: 624.1 - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 240-122631-1 MS

Matrix: Water

Analysis Batch: 412560

Client Sample ID: PW-1

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Methylene Chloride	ND		2000	1760		ug/L		88	0 - 221
trans-1,2-Dichloroethene	ND		2000	1940		ug/L		97	54 - 156
1,1,1-Trichloroethane	25	J	2000	1850		ug/L		91	52 - 162
Trichloroethene	4500	F1	2000	6080		ug/L		79	70 - 157
Vinyl chloride	26	J	2000	1920		ug/L		95	0 - 251
Tetrachloroethene	ND		2000	1730		ug/L		87	64 - 148
Carbon tetrachloride	ND		2000	1790		ug/L		90	70 - 140
Surrogate	MS %Recovery	MS Qualifier	MS Limits						
4-Bromofluorobenzene (Surr)	93		47 - 134						
1,2-Dichloroethane-d4 (Surr)	86		75 - 130						
Toluene-d8 (Surr)	90		69 - 122						

Lab Sample ID: 240-122631-1 MSD

Matrix: Water

Analysis Batch: 412560

Client Sample ID: PW-1

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Chloroform	ND		2000	1870		ug/L		94	51 - 138	2	54
cis-1,2-Dichloroethene	840		2000	2590		ug/L		88	68 - 121	2	35
1,1-Dichloroethane	ND		2000	1960		ug/L		98	59 - 155	1	40
1,1-Dichloroethene	ND		2000	1970		ug/L		99	0 - 234	3	32
Methylene Chloride	ND		2000	1750		ug/L		87	0 - 221	1	28
trans-1,2-Dichloroethene	ND		2000	1900		ug/L		95	54 - 156	2	45
1,1,1-Trichloroethane	25	J	2000	1800		ug/L		89	52 - 162	2	36
Trichloroethene	4500	F1	2000	5860	F1	ug/L		68	70 - 157	4	48
Vinyl chloride	26	J	2000	1850		ug/L		91	0 - 251	4	66
Tetrachloroethene	ND		2000	1670		ug/L		83	64 - 148	4	39
Carbon tetrachloride	ND		2000	1740		ug/L		87	70 - 140	3	41
Surrogate	MSD %Recovery	MSD Qualifier	MSD Limits								
4-Bromofluorobenzene (Surr)	88		47 - 134								
1,2-Dichloroethane-d4 (Surr)	85		75 - 130								
Toluene-d8 (Surr)	86		69 - 122								

Lab Sample ID: MB 240-412769/8

Matrix: Water

Analysis Batch: 412769

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	0.13	ug/L			11/26/19 19:25	1
cis-1,2-Dichloroethene	ND		0.50	0.16	ug/L			11/26/19 19:25	1
1,1-Dichloroethane	ND		1.0	0.17	ug/L			11/26/19 19:25	1
1,1-Dichloroethene	ND		1.0	0.19	ug/L			11/26/19 19:25	1
Methylene Chloride	ND		5.0	2.6	ug/L			11/26/19 19:25	1
trans-1,2-Dichloroethene	ND		0.50	0.19	ug/L			11/26/19 19:25	1
1,1,1-Trichloroethane	ND		1.0	0.24	ug/L			11/26/19 19:25	1
Trichloroethene	ND		1.0	0.10	ug/L			11/26/19 19:25	1

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QC Sample Results

Client: AECOM
Project/Site: BP Sanborn

Job ID: 240-122631-1

Method: 624.1 - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 240-412769/8

Matrix: Water

Analysis Batch: 412769

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Vinyl chloride	ND		1.0	0.20	ug/L			11/26/19 19:25	1
Tetrachloroethene	ND		1.0	0.15	ug/L			11/26/19 19:25	1
Carbon tetrachloride	ND		1.0	0.26	ug/L			11/26/19 19:25	1
Surrogate	MB %Recovery	MB Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	90		47 - 134					11/26/19 19:25	1
1,2-Dichloroethane-d4 (Surr)	93		75 - 130					11/26/19 19:25	1
Toluene-d8 (Surr)	91		69 - 122					11/26/19 19:25	1

Lab Sample ID: LCS 240-412769/5

Matrix: Water

Analysis Batch: 412769

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Chloroform	20.0	19.6		ug/L		98	70 - 135
cis-1,2-Dichloroethene	20.0	18.8		ug/L		94	75 - 124
1,1-Dichloroethane	20.0	20.2		ug/L		101	70 - 130
1,1-Dichloroethene	20.0	21.9		ug/L		110	50 - 150
Methylene Chloride	20.0	17.8		ug/L		89	60 - 140
trans-1,2-Dichloroethene	20.0	20.4		ug/L		102	70 - 130
1,1,1-Trichloroethane	20.0	19.3		ug/L		96	70 - 130
Trichloroethene	20.0	20.1		ug/L		101	65 - 135
Vinyl chloride	20.0	19.6		ug/L		98	5 - 195
Tetrachloroethene	20.0	19.5		ug/L		98	70 - 130
Carbon tetrachloride	20.0	20.4		ug/L		102	70 - 130
Surrogate	LCS %Recovery	LCS Qualifier	Limits				
4-Bromofluorobenzene (Surr)	88		47 - 134				
1,2-Dichloroethane-d4 (Surr)	90		75 - 130				
Toluene-d8 (Surr)	88		69 - 122				

Method: 6010C - Metals (ICP)

Lab Sample ID: MB 240-412232/1-A

Matrix: Water

Analysis Batch: 412656

Client Sample ID: Method Blank

Prep Type: Total Recoverable

Prep Batch: 412232

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Iron	ND		200	26	ug/L		11/22/19 14:00	11/26/19 05:55	1
Manganese	ND		15	2.1	ug/L		11/22/19 14:00	11/26/19 05:55	1

Lab Sample ID: LCS 240-412232/2-A

Matrix: Water

Analysis Batch: 412656

Client Sample ID: Lab Control Sample

Prep Type: Total Recoverable

Prep Batch: 412232

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Iron	10000	9440		ug/L		94	80 - 120
Manganese	1000	949		ug/L		95	80 - 120

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QC Sample Results

Client: AECOM
Project/Site: BP Sanborn

Job ID: 240-122631-1

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 240-412103/3

Matrix: Water

Analysis Batch: 412103

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Nitrate as N	ND		0.10	0.014	mg/L			11/21/19 15:03	1

Lab Sample ID: LCS 240-412103/12

Matrix: Water

Analysis Batch: 412103

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Nitrate as N	2.50	2.58		mg/L		103	90 - 110

Method: 5310C-2011 - Total Organic Carbon/Persulfate - Ultrav

Lab Sample ID: MB 240-412403/4

Matrix: Water

Analysis Batch: 412403

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Organic Carbon	ND		1.0	0.14	mg/L			11/22/19 15:54	1

Lab Sample ID: LLCS 240-412403/5

Matrix: Water

Analysis Batch: 412403

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LLCS Result	LLCS Qualifier	Unit	D	%Rec	%Rec. Limits
Total Organic Carbon	6.75	7.10		mg/L		105	88 - 115

QC Association Summary

Client: AECOM
Project/Site: BP Sanborn

Job ID: 240-122631-1

GC/MS VOA

Analysis Batch: 412560

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-122631-1	PW-1	Total/NA	Water	624.1	
240-122631-2	P-2	Total/NA	Water	624.1	
240-122631-3	PS-02	Total/NA	Water	624.1	
240-122631-4	PW-03	Total/NA	Water	624.1	
240-122631-5	PW-04	Total/NA	Water	624.1	
240-122631-6	B-8M	Total/NA	Water	624.1	
240-122631-7	B-17M	Total/NA	Water	624.1	
240-122631-8	B-38M	Total/NA	Water	624.1	
240-122631-9	QUARRY	Total/NA	Water	624.1	
240-122631-10	FD-112019	Total/NA	Water	624.1	
240-122631-11	B-3	Total/NA	Water	624.1	
240-122631-12	P-3	Total/NA	Water	624.1	
240-122631-13	T-002	Total/NA	Water	624.1	
240-122631-14	TRIP BLANK	Total/NA	Water	624.1	
MB 240-412560/8	Method Blank	Total/NA	Water	624.1	
LCS 240-412560/5	Lab Control Sample	Total/NA	Water	624.1	
240-122631-1 MS	PW-1	Total/NA	Water	624.1	
240-122631-1 MSD	PW-1	Total/NA	Water	624.1	

Analysis Batch: 412769

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-122631-3	PS-02	Total/NA	Water	624.1	
MB 240-412769/8	Method Blank	Total/NA	Water	624.1	
LCS 240-412769/5	Lab Control Sample	Total/NA	Water	624.1	

Metals

Prep Batch: 412232

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-122631-3	PS-02	Total Recoverable	Water	3005A	
240-122631-5	PW-04	Total Recoverable	Water	3005A	
240-122631-6	B-8M	Total Recoverable	Water	3005A	
240-122631-7	B-17M	Total Recoverable	Water	3005A	
MB 240-412232/1-A	Method Blank	Total Recoverable	Water	3005A	
LCS 240-412232/2-A	Lab Control Sample	Total Recoverable	Water	3005A	

Analysis Batch: 412656

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-122631-3	PS-02	Total Recoverable	Water	6010C	412232
240-122631-5	PW-04	Total Recoverable	Water	6010C	412232
240-122631-6	B-8M	Total Recoverable	Water	6010C	412232
240-122631-7	B-17M	Total Recoverable	Water	6010C	412232
MB 240-412232/1-A	Method Blank	Total Recoverable	Water	6010C	412232
LCS 240-412232/2-A	Lab Control Sample	Total Recoverable	Water	6010C	412232

General Chemistry

Analysis Batch: 412103

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-122631-3	PS-02	Total/NA	Water	300.0	
240-122631-5	PW-04	Total/NA	Water	300.0	
240-122631-6	B-8M	Total/NA	Water	300.0	

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QC Association Summary

Client: AECOM
Project/Site: BP Sanborn

Job ID: 240-122631-1

General Chemistry (Continued)

Analysis Batch: 412103 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-122631-7	B-17M	Total/NA	Water	300.0	
MB 240-412103/3	Method Blank	Total/NA	Water	300.0	
LCS 240-412103/12	Lab Control Sample	Total/NA	Water	300.0	

Analysis Batch: 412403

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-122631-3	PS-02	Total/NA	Water	5310C-2011	
240-122631-5	PW-04	Total/NA	Water	5310C-2011	
240-122631-6	B-8M	Total/NA	Water	5310C-2011	
240-122631-7	B-17M	Total/NA	Water	5310C-2011	
MB 240-412403/4	Method Blank	Total/NA	Water	5310C-2011	
LLCS 240-412403/5	Lab Control Sample	Total/NA	Water	5310C-2011	

Lab Chronicle

Client: AECOM
Project/Site: BP Sanborn

Job ID: 240-122631-1

Client Sample ID: PW-1

Date Collected: 11/20/19 14:30

Date Received: 11/21/19 09:10

Lab Sample ID: 240-122631-1

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	624.1		100	412560	11/25/19 23:29	TJL1	TAL CAN

Client Sample ID: P-2

Date Collected: 11/20/19 11:00

Date Received: 11/21/19 09:10

Lab Sample ID: 240-122631-2

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	624.1		2	412560	11/25/19 23:51	TJL1	TAL CAN

Client Sample ID: PS-02

Date Collected: 11/20/19 09:10

Date Received: 11/21/19 09:10

Lab Sample ID: 240-122631-3

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	624.1		400	412560	11/26/19 00:14	TJL1	TAL CAN
Total/NA	Analysis	624.1		2500	412769	11/26/19 19:48	TJL1	TAL CAN
Total Recoverable	Prep	3005A			412232	11/22/19 14:00	MRL	TAL CAN
Total Recoverable	Analysis	6010C		1	412656	11/26/19 06:12	WKD	TAL CAN
Total/NA	Analysis	300.0		5	412103	11/21/19 21:37	JMB	TAL CAN
Total/NA	Analysis	5310C-2011		1	412403	11/22/19 20:30	TPH	TAL CAN

Client Sample ID: PW-03

Date Collected: 11/20/19 10:00

Date Received: 11/21/19 09:10

Lab Sample ID: 240-122631-4

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	624.1		20	412560	11/26/19 00:36	TJL1	TAL CAN

Client Sample ID: PW-04

Date Collected: 11/20/19 08:50

Date Received: 11/21/19 09:10

Lab Sample ID: 240-122631-5

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	624.1		2	412560	11/26/19 00:58	TJL1	TAL CAN
Total Recoverable	Prep	3005A			412232	11/22/19 14:00	MRL	TAL CAN
Total Recoverable	Analysis	6010C		1	412656	11/26/19 08:07	WKD	TAL CAN
Total/NA	Analysis	300.0		1	412103	11/21/19 21:58	JMB	TAL CAN
Total/NA	Analysis	5310C-2011		1	412403	11/22/19 20:47	TPH	TAL CAN

Client Sample ID: B-8M

Date Collected: 11/20/19 10:20

Date Received: 11/21/19 09:10

Lab Sample ID: 240-122631-6

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	624.1		125	412560	11/26/19 01:21	TJL1	TAL CAN

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Lab Chronicle

Client: AECOM
Project/Site: BP Sanborn

Job ID: 240-122631-1

Client Sample ID: B-8M

Date Collected: 11/20/19 10:20

Date Received: 11/21/19 09:10

Lab Sample ID: 240-122631-6

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total Recoverable	Prep	3005A			412232	11/22/19 14:00	MRL	TAL CAN
Total Recoverable	Analysis	6010C		1	412656	11/26/19 08:12	WKD	TAL CAN
Total/NA	Analysis	300.0		10	412103	11/21/19 23:41	JMB	TAL CAN
Total/NA	Analysis	5310C-2011		1	412403	11/22/19 21:06	TPH	TAL CAN

Client Sample ID: B-17M

Date Collected: 11/20/19 14:40

Date Received: 11/21/19 09:10

Lab Sample ID: 240-122631-7

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	624.1		125	412560	11/26/19 01:43	TJL1	TAL CAN
Total Recoverable	Prep	3005A			412232	11/22/19 14:00	MRL	TAL CAN
Total Recoverable	Analysis	6010C		1	412656	11/26/19 08:16	WKD	TAL CAN
Total/NA	Analysis	300.0		1	412103	11/21/19 22:19	JMB	TAL CAN
Total/NA	Analysis	5310C-2011		1	412403	11/22/19 21:23	TPH	TAL CAN

Client Sample ID: B-38M

Date Collected: 11/20/19 12:55

Date Received: 11/21/19 09:10

Lab Sample ID: 240-122631-8

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	624.1		1	412560	11/26/19 02:06	TJL1	TAL CAN

Client Sample ID: QUARRY

Date Collected: 11/20/19 13:15

Date Received: 11/21/19 09:10

Lab Sample ID: 240-122631-9

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	624.1		1	412560	11/26/19 02:28	TJL1	TAL CAN

Client Sample ID: FD-112019

Date Collected: 11/20/19 12:00

Date Received: 11/21/19 09:10

Lab Sample ID: 240-122631-10

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	624.1		1	412560	11/25/19 22:44	TJL1	TAL CAN

Client Sample ID: B-3

Date Collected: 11/20/19 15:50

Date Received: 11/21/19 09:10

Lab Sample ID: 240-122631-11

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	624.1		10	412560	11/26/19 02:50	TJL1	TAL CAN

Eurofins TestAmerica, Canton

Lab Chronicle

Client: AECOM
Project/Site: BP Sanborn

Job ID: 240-122631-1

Client Sample ID: P-3

Date Collected: 11/20/19 15:55

Date Received: 11/21/19 09:10

Lab Sample ID: 240-122631-12

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	624.1		1	412560	11/26/19 03:13	TJL1	TAL CAN

Client Sample ID: T-002

Date Collected: 11/20/19 15:00

Date Received: 11/21/19 09:10

Lab Sample ID: 240-122631-13

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	624.1		20	412560	11/26/19 03:35	TJL1	TAL CAN

Client Sample ID: TRIP BLANK

Date Collected: 11/20/19 00:00

Date Received: 11/21/19 09:10

Lab Sample ID: 240-122631-14

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	624.1		1	412560	11/25/19 23:06	TJL1	TAL CAN

Laboratory References:

TAL CAN = Eurofins TestAmerica, Canton, 4101 Shuffel Street NW, North Canton, OH 44720, TEL (330)497-9396

Accreditation/Certification Summary

Client: AECOM
Project/Site: BP Sanborn

Job ID: 240-122631-1

Laboratory: Eurofins TestAmerica, Canton

Unless otherwise noted, all analytes for this laboratory were covered under each accreditation/certification below.

Authority	Program	Identification Number	Expiration Date
New York	NELAP	10975	03-31-20

The following analytes are included in this report, but the laboratory is not certified by the governing authority. This list may include analytes for which the agency does not offer certification.

Analysis Method	Prep Method	Matrix	Analyte
624.1		Water	1,1,1-Trichloroethane
624.1		Water	1,1-Dichloroethane
624.1		Water	1,1-Dichloroethene
624.1		Water	Carbon tetrachloride
624.1		Water	Chloroform
624.1		Water	cis-1,2-Dichloroethene
624.1		Water	Methylene Chloride
624.1		Water	Tetrachloroethene
624.1		Water	trans-1,2-Dichloroethene
624.1		Water	Trichloroethene
624.1		Water	Vinyl chloride

1812.5

Laboratory Management Program LaMP Chain of Custody Record

BP/ARC Project Name: BP Sanborn Req Due Date (mm/dd/yy): Rush TAT: Yes ☐ No ☒

BP/ARC Facility No: Lab Work Order Number: Lab Work Order Number:

Lab Name:	Test America, Canton		BP/ARC Facility Address:	2040 Cory Dr.		Consultant/Contractor:	AECOM	
Lab Address:	4101 Shuffel St. NW Canton, OH 44720		City, State, ZIP Code:	Sanborn, NY 14120		Consultant/Contractor Project No:	60481767.18.39	
Lab PM:	Patrick O'Meara		Lead Regulatory Agency:	NYSDEC		Address:	257 West Genesee St., Suite 400 Buffalo, NY 14202	
Lab Phone:	330-497-9396		California Global ID No.:			Consultant/Contractor PM:	James Kaczor	
Lab Shipping Acct:			Enfos Proposal No:			Phone:	716-923-1300	
Lab Bottle Order No:			Accounting Mode:	10	Provision	OOB-BU	OOB-RM	Email EDD To: James.Kaczor@aecom.com
Other Info:			Stage:	60	Activity:	Invoice To: BP/ARC Contractor ☒		

Lab No.	Sample Description	Date	Time	Matrix				No. Containers / Preservative				Requested Analyses				Report Type & QC Level		Comments	
				Soil / Solid	Water / Liquid	Air / Vapor	Total Number of Containers	Unpreserved	H ₂ SO ₄	HNO ₃	HCl	Fe + Mn	Sulfate + Nitrate	Standard	Full Data Package				
PW-01		11-20-19	1430	X			3											 240-122631 Chain of Custody	
P-2		11-20-19	1100	X			3												
PS-02		11-20-19	0910	X			7	1	2	1	3			X					
PW-03		11-20-19	1000	X			3												
PW-04		11-20-19	0850	X			7	1	2	1	3			X					
B-8M		11-20-19	1020	X			7	1	2	1	3			X					
B-17M		11-20-19	1440	X			7	1	2	1	3			X					
B-38M		11-20-19	1255	X			3												
QARRY		11-20-19	1315	X			3												
FD-112019		11-20-19	1200	X			3												
Sampler's Name: E. Au / T. Urban Sampler's Company: AECOM Shipment Method: Drop Off at TA Buffalo Ship Date: Shipment Tracking No:				Relinquished By / Affiliation: <i>E. Au / AECOM</i> <i>James Kaczor</i>				Date: 11-20-19 Time: 1655				Accepted By / Affiliation: <i>[Signature]</i> Date: 11/20/19 Time: 1655				FD only has 2 vials.		Date: 11-21-19 Time: 910	

Special Instructions: Please Bill Sanborn Samples to AECOM PO# PO97842 Line 3 (Task 18.39)

Eurofins TestAmerica Canton Sample Receipt Form/Narrative
Canton Facility

Login # : 122631

Client DP Site Name _____

Cooler unpacked by: _____

Cooler Received on 11-21-19 Opened on 11-21-19

FedEx: 1st Grd Exp UPS FAS Clipper Client Drop Off TestAmerica Courier Other _____

Receipt After-hours: Drop-off Date/Time _____

Storage Location _____

TestAmerica Cooler # 712 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# IR-10 (CF +0.7 °C) Observed Cooler Temp. 1.8 °C Corrected Cooler Temp. 2.5 °C
 IR GUN# IR-11 (CF +0.9 °C) Observed Cooler Temp. _____ °C Corrected Cooler Temp. _____ °C

2. Were tamper/custody seals on the outside of the cooler(s)? If Yes Quantity 1 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 be reconciled with the COC? Yes No

9. Were correct bottle(s) used for the test(s) indicated? Yes No

10. Sufficient quantity received to perform indicated analyses? Yes No

11. Are these work share samples? Yes No

If yes, Questions 12-16 have been checked at the originating laboratory.

12. Were all preserved sample(s) at the correct pH upon receipt? Yes No NA pH Strip Lot# HC995364

13. Were VOAs on the COC? Yes No

14. Were air bubbles >6 mm in any VOA vials?  Larger than this. Yes No NA

15. Was a VOA trip blank present in the cooler(s)? Trip Blank Lot # _____ Yes No

16. 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 _____

17. CHAIN OF CUSTODY & SAMPLE DISCREPANCIES

Samples processed by: _____

18. 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)

19. 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: _____

Temperature readings: _____

<u>Client Sample ID</u>	<u>Lab ID</u>	<u>Container Type</u>	<u>Container</u> <u>pH</u>	<u>Preservative</u> <u>Added (mls)</u>	<u>Lot #</u>
PS-02	240-122631-G-3	Plastic 500ml - with Nitric Acid	<2	_____	_____
PW-04	240-122631-G-5	Plastic 500ml - with Nitric Acid	<2	_____	_____
B-8M	240-122631-G-6	Plastic 500ml - with Nitric Acid	<2	_____	_____
B-17M	240-122631-G-7	Plastic 500ml - with Nitric Acid	<2	_____	_____

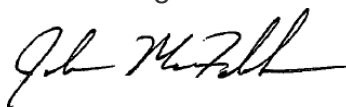
ANALYTICAL REPORT

Eurofins TestAmerica, Canton
4101 Shuffel Street NW
North Canton, OH 44720
Tel: (330)497-9396

Laboratory Job ID: 240-122631-2
Client Project/Site: BP Sanborn

For:
AECOM
257 West Genesee Street
Suite 400
Buffalo, New York 14202-2657

Attn: George Kisluk



Authorized for release by:
12/19/2019 12:46:26 PM
John McFadden, Project Manager I
(330)497-9396
john.mcfadden@testamericainc.com
Designee for
Opal Johnson, Project Manager II
(330)966-9279
opal.johnson@testamericainc.com

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results through
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Have a Question?



Visit us at:
www.testamericainc.com

This report has been electronically signed and authorized by the signatory. Electronic signature is intended to be the legally binding equivalent of a traditionally handwritten signature.

Results relate only to the items tested and the sample(s) as received by the laboratory.

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Definitions/Glossary

Client: AECOM
Project/Site: BP Sanborn

Job ID: 240-122631-2

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
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)
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
NC	Not Calculated
ND	Not Detected at the reporting limit (or MDL or EDL if shown)
PQL	Practical Quantitation Limit
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)

Case Narrative

Client: AECOM
Project/Site: BP Sanborn

Job ID: 240-122631-2

Job ID: 240-122631-2

Laboratory: Eurofins TestAmerica, Canton

Narrative

CASE NARRATIVE

Client: AECOM

Project: BP Sanborn

Report Number: 240-122631-2

With the exceptions noted as flags or footnotes, standard analytical protocols were followed in the analysis of the samples and no problems were encountered or anomalies observed. In addition all laboratory quality control samples were within established control limits, with any exceptions noted below. Each sample was analyzed to achieve the lowest possible reporting limit within the constraints of the method. In some cases, due to interference or analytes present at high concentrations, samples were diluted. For diluted samples, the reporting limits are adjusted relative to the dilution required.

Eurofins TestAmerica, Canton attests to the validity of the laboratory data generated by Eurofins TestAmerica facilities reported herein. All analyses performed by Eurofins TestAmerica facilities were done using established laboratory SOPs that incorporate QA/QC procedures described in the application methods. Eurofins TestAmerica's operations groups have reviewed the data for compliance with the laboratory QA/QC plan, and data have been found to be compliant with laboratory protocols unless otherwise noted below.

The test results in this report meet all NELAP requirements for parameters for which accreditation is required or available. Any exceptions to NELAP requirements are noted in this report. Pursuant to NELAP, this report may not be reproduced, except in full, without the written approval of the laboratory.

Calculations are performed before rounding to avoid round-off errors in calculated results.

All holding times were met and proper preservation noted for the methods performed on these samples, unless otherwise detailed in the individual sections below.

This laboratory report is confidential and is intended for the sole use of Eurofins TestAmerica and its client.

RECEIPT

The samples were received on 11/21/2019 9:10 AM; the samples arrived in good condition, properly preserved and, where required, on ice. The temperature of the cooler at receipt was 2.5° C.

ANIONS

Samples PS-02 (240-122631-3), PW-04 (240-122631-5), B-8M (240-122631-6) and B-17M (240-122631-7) were analyzed for anions in accordance with EPA Method 300.0. The samples were analyzed on 11/21/2019.

Sample PS-02 (240-122631-3)[5X] required dilution prior to analysis. The reporting limits have been adjusted accordingly.

No analytical or quality issues were noted, other than those described above or in the Definitions/Glossary page.

Method Summary

Client: AECOM
Project/Site: BP Sanborn

Job ID: 240-122631-2

Method	Method Description	Protocol	Laboratory
300.0	Anions, Ion Chromatography	MCAWW	TAL CAN

Protocol References:

MCAWW = "Methods For Chemical Analysis Of Water And Wastes", EPA-600/4-79-020, March 1983 And Subsequent Revisions.

Laboratory References:

TAL CAN = Eurofins TestAmerica, Canton, 4101 Shuffel Street NW, North Canton, OH 44720, TEL (330)497-9396

Sample Summary

Client: AECOM
Project/Site: BP Sanborn

Job ID: 240-122631-2

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Asset ID
240-122631-3	PS-02	Water	11/20/19 09:10	11/21/19 09:10	
240-122631-5	PW-04	Water	11/20/19 08:50	11/21/19 09:10	
240-122631-6	B-8M	Water	11/20/19 10:20	11/21/19 09:10	
240-122631-7	B-17M	Water	11/20/19 14:40	11/21/19 09:10	

Detection Summary

Client: AECOM
Project/Site: BP Sanborn

Job ID: 240-122631-2

Client Sample ID: PS-02

Lab Sample ID: 240-122631-3

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Sulfate	180		5.0	1.7	mg/L	5		300.0	Total/NA

Client Sample ID: PW-04

Lab Sample ID: 240-122631-5

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Sulfate	40		1.0	0.35	mg/L	1		300.0	Total/NA

Client Sample ID: B-8M

Lab Sample ID: 240-122631-6

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Sulfate	87		1.0	0.35	mg/L	1		300.0	Total/NA

Client Sample ID: B-17M

Lab Sample ID: 240-122631-7

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Sulfate	110		1.0	0.35	mg/L	1		300.0	Total/NA

This Detection Summary does not include radiochemical test results.

Eurofins TestAmerica, Canton

Client Sample Results

Client: AECOM
Project/Site: BP Sanborn

Job ID: 240-122631-2

Client Sample ID: PS-02

Date Collected: 11/20/19 09:10

Date Received: 11/21/19 09:10

Lab Sample ID: 240-122631-3

Matrix: Water

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Sulfate	180		5.0	1.7	mg/L			11/21/19 21:37	5

Client Sample Results

Client: AECOM
Project/Site: BP Sanborn

Job ID: 240-122631-2

Client Sample ID: PW-04

Date Collected: 11/20/19 08:50

Date Received: 11/21/19 09:10

Lab Sample ID: 240-122631-5

Matrix: Water

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Sulfate	40		1.0	0.35	mg/L			11/21/19 21:58	1

Client Sample Results

Client: AECOM
Project/Site: BP Sanborn

Job ID: 240-122631-2

Client Sample ID: B-8M

Date Collected: 11/20/19 10:20

Date Received: 11/21/19 09:10

Lab Sample ID: 240-122631-6

Matrix: Water

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Sulfate	87		1.0	0.35	mg/L			11/21/19 23:21	1

Client Sample Results

Client: AECOM
Project/Site: BP Sanborn

Job ID: 240-122631-2

Client Sample ID: B-17M

Date Collected: 11/20/19 14:40

Date Received: 11/21/19 09:10

Lab Sample ID: 240-122631-7

Matrix: Water

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Sulfate	110		1.0	0.35	mg/L			11/21/19 22:19	1

QC Sample Results

Client: AECOM
Project/Site: BP Sanborn

Job ID: 240-122631-2

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 240-412102/3

Matrix: Water

Analysis Batch: 412102

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Sulfate	ND		1.0	0.35	mg/L			11/21/19 15:03	1

Lab Sample ID: LCS 240-412102/12

Matrix: Water

Analysis Batch: 412102

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Sulfate	50.0	52.6		mg/L		105	90 - 110

QC Association Summary

Client: AECOM
Project/Site: BP Sanborn

Job ID: 240-122631-2

General Chemistry

Analysis Batch: 412102

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-122631-3	PS-02	Total/NA	Water	300.0	
240-122631-5	PW-04	Total/NA	Water	300.0	
240-122631-6	B-8M	Total/NA	Water	300.0	
240-122631-7	B-17M	Total/NA	Water	300.0	
MB 240-412102/3	Method Blank	Total/NA	Water	300.0	
LCS 240-412102/12	Lab Control Sample	Total/NA	Water	300.0	

Lab Chronicle

Client: AECOM
Project/Site: BP Sanborn

Job ID: 240-122631-2

Client Sample ID: PS-02

Date Collected: 11/20/19 09:10

Date Received: 11/21/19 09:10

Lab Sample ID: 240-122631-3

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	300.0		5	412102	11/21/19 21:37	JMB	TAL CAN

Client Sample ID: PW-04

Date Collected: 11/20/19 08:50

Date Received: 11/21/19 09:10

Lab Sample ID: 240-122631-5

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	300.0		1	412102	11/21/19 21:58	JMB	TAL CAN

Client Sample ID: B-8M

Date Collected: 11/20/19 10:20

Date Received: 11/21/19 09:10

Lab Sample ID: 240-122631-6

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	300.0		1	412102	11/21/19 23:21	JMB	TAL CAN

Client Sample ID: B-17M

Date Collected: 11/20/19 14:40

Date Received: 11/21/19 09:10

Lab Sample ID: 240-122631-7

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	300.0		1	412102	11/21/19 22:19	JMB	TAL CAN

Laboratory References:

TAL CAN = Eurofins TestAmerica, Canton, 4101 Shuffel Street NW, North Canton, OH 44720, TEL (330)497-9396

Accreditation/Certification Summary

Client: AECOM
Project/Site: BP Sanborn

Job ID: 240-122631-2

Laboratory: Eurofins TestAmerica, Canton

The accreditations/certifications listed below are applicable to this report.

Authority	Program	Identification Number	Expiration Date
New York	NELAP	10975	03-31-20

- 1
- 2
- 3
- 4
- 5
- 6
- 7
- 8
- 9
- 10
- 11
- 12
- 13

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Laboratory Management Program LaMP Chain of Custody Record

Page 1 of 1

BP/ARC Project Name: BP Sanborn

Req Due Date (mm/dd/yy):

Rush TAT: Yes No X

BP/ARC Facility No:

Lab Work Order Number:

Lab Name:	Test America, Canton		BP/ARC Facility Address:	2040 Cory Dr.		Consultant/Contractor:	AECOM	
Lab Address:	4101 Shuffel St. NW Canton, OH 44720		City, State, ZIP Code:	Sanborn, NY 14120		Consultant/Contractor Project No:	60481767.18.39	
Lab PM:	Patrick O'Meara		Lead Regulatory Agency:	NYSDEC		Address:	257 West Genesee St., Suite 400 Buffalo, NY 14202	
Lab Phone:	330-497-9396		California Global ID No.:			Consultant/Contractor PM:	James Kaczor	
Lab Shipping Acct:			Enfos Proposal No:			Phone:	716-923-1300	
Lab Bottle Order No:			Accounting Mode:	10	Provision	OOB-BU	OOB-RM	Email EDD To: James.Kaczor@aecom.com
Other Info:			Stage:	60	Activity:	Invoice To:	BP/ARC	Contractor X

Lab No.	Sample Description	Date	Time	Matrix				No. Containers / Preservative				Requested Analyses				Report Type & QC Level		Comments
				Soil / Solid	Water / Liquid	Air / Vapor	Total Number of Containers	Unpreserved	H ₂ SO ₄	HNO ₃	HCl	Fe + Mn	Sulfate + Nitrate	Standard	Full Data Package			
	PW-1	11-20-19	1430	X			3											 240-122631 Chain of Custody
	P-2	11-20-19	1100	X			3											
	PS-02	11-20-19	0910	X			7	1	2	1	3			X				
	PW-03	11-20-19	1000	X			3											
	PW-04	11-20-19	0850	X			7	1	2	1	3			X				
	B-8M	11-20-19	1020	X			7	1	2	1	3			X				
	B-17M	11-20-19	1440	X			7	1	2	1	3			X				
	B-38M	11-20-19	1255	X			3							X				
	QARRY	11-20-19	1315	X			3							X				
	FD-112019	11-20-19	1200	X			3							X				
Sampler's Name: E. Au / T. Urban Sampler's Company: AECOM Shipment Method: Drop Off at TA Buffalo Ship Date: Shipment Tracking No:				Relinquished By / Affiliation: <i>E. Au / AECOM</i> <i>James Kaczor</i>				Date: 11-20-19 Time: 1655				Accepted By / Affiliation: <i>James Kaczor</i> Date: 11-21-19 Time: 910				FD only has 2 vials.		

Special Instructions: Please Bill Sanborn Samples to AECOM PO# PO97842 Line 3 (Task 18.39)

THIS LINE - LAB USE ONLY: Custody Seals in Place: Yes No Temp Blank: Yes No Cooler Temp on Receipt: 18°F / 1°C Trip Blank: Yes No MS/MSD Sample Submitted: Yes No

BP/ARC LaMP COC Rev. 6 01/01/2009

Eurofins TestAmerica Canton Sample Receipt Form/Narrative				Login # : <u>122631</u>	
Canton Facility					
Client <u>BC</u>		Site Name _____		Cooler unpacked by: _____	
Cooler Received on <u>11-21-19</u>		Opened on <u>11-21-19</u>			
FedEx: 1 st Grd ☒ Exp UPS FAS Clipper Client Drop Off TestAmerica Courier Other _____					
Receipt After-hours: Drop-off Date/Time				Storage Location	
TestAmerica Cooler # <u>712</u>		Foam Box _____		Client Cooler Box _____ Other _____	
Packing material used: <u>Bubble Wrap</u>		Foam _____		Plastic Bag _____ None _____ Other _____	
COOLANT: <u>Wet Ice</u>		Blue Ice _____		Dry Ice _____ Water _____ None _____	
1. Cooler temperature upon receipt ☐ See Multiple Cooler Form					
IR GUN# IR-10 (CF +0.7 °C)		Observed Cooler Temp. <u>1.8</u> °C		Corrected Cooler Temp. <u>2.5</u> °C	
IR GUN# IR-11 (CF +0.9 °C)		Observed Cooler Temp. _____ °C		Corrected Cooler Temp. _____ °C	
2. Were tamper/custody seals on the outside of the cooler(s)? If Yes Quantity <u>1</u>				☒ 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 be reconciled with the COC?				☒ Yes ☐ No	
9. Were correct bottle(s) used for the test(s) indicated?				☒ Yes ☐ No	
10. Sufficient quantity received to perform indicated analyses?				☒ Yes ☐ No	
11. Are these work share samples?				☒ Yes ☒ No	
If yes, Questions 12-16 have been checked at the originating laboratory.					
12. Were all preserved sample(s) at the correct pH upon receipt?				☒ Yes ☐ No ☐ NA pH Strip Lot# <u>HC995364</u>	
13. Were VOAs on the COC?				☒ Yes ☐ No	
14. Were air bubbles >6 mm in any VOA vials? Larger than this.				☒ Yes ☒ No ☐ NA	
15. Was a VOA trip blank present in the cooler(s)? Trip Blank Lot # _____				☒ Yes ☐ No	
16. Was a LL Hg or Me Hg trip blank present?				☒ Yes ☒ No	
Contacted PM _____ Date _____ by _____ via Verbal Voice Mail Other _____					
Concerning _____					

Tests that are not
checked for pH by
Receiving:

VOAs
Oil and Grease
TOC

17. CHAIN OF CUSTODY & SAMPLE DISCREPANCIES		Samples processed by:	
18. 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)			
19. 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: _____			

Temperature readings: _____

<u>Client Sample ID</u>	<u>Lab ID</u>	<u>Container Type</u>	<u>Container</u> <u>pH</u>	<u>Preservative</u> <u>Added (mls)</u>	<u>Lot #</u>
PS-02	240-122631-G-3	Plastic 500ml - with Nitric Acid	<2	_____	_____
PW-04	240-122631-G-5	Plastic 500ml - with Nitric Acid	<2	_____	_____
B-8M	240-122631-G-6	Plastic 500ml - with Nitric Acid	<2	_____	_____
B-17M	240-122631-G-7	Plastic 500ml - with Nitric Acid	<2	_____	_____

ANALYTICAL REPORT

Eurofins TestAmerica, Canton
4101 Shuffel Street NW
North Canton, OH 44720
Tel: (330)497-9396

Laboratory Job ID: 240-122893-1
Client Project/Site: BP Sanborn
Revision: 1

For:
AECOM
257 West Genesee Street
Suite 400
Buffalo, New York 14202-2657

Attn: George Kisluk



Authorized for release by:
12/10/2019 11:57:32 AM

Opal Johnson, Project Manager II
(330)966-9279
opal.johnson@testamericainc.com

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This report has been electronically signed and authorized by the signatory. Electronic signature is intended to be the legally binding equivalent of a traditionally handwritten signature.

Results relate only to the items tested and the sample(s) as received by the laboratory.

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Definitions/Glossary

Client: AECOM
Project/Site: BP Sanborn

Job ID: 240-122893-1

Qualifiers

GC/MS VOA

Qualifier	Qualifier Description
B	Compound was found in the blank and sample.
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
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)
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
NC	Not Calculated
ND	Not Detected at the reporting limit (or MDL or EDL if shown)
PQL	Practical Quantitation Limit
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)

Case Narrative

Client: AECOM
Project/Site: BP Sanborn

Job ID: 240-122893-1

Job ID: 240-122893-1

Laboratory: Eurofins TestAmerica, Canton

Narrative

CASE NARRATIVE

Client: AECOM

Project: BP Sanborn

Report Number: 240-122893-1

Revision I

Revision I: Revised the MS Volatile analyte list.

With the exceptions noted as flags or footnotes, standard analytical protocols were followed in the analysis of the samples and no problems were encountered or anomalies observed. In addition all laboratory quality control samples were within established control limits, with any exceptions noted below. Each sample was analyzed to achieve the lowest possible reporting limit within the constraints of the method. In some cases, due to interference or analytes present at high concentrations, samples were diluted. For diluted samples, the reporting limits are adjusted relative to the dilution required.

Eurofins TestAmerica, Canton attests to the validity of the laboratory data generated by Eurofins TestAmerica facilities reported herein. All analyses performed by Eurofins TestAmerica facilities were done using established laboratory SOPs that incorporate QA/QC procedures described in the application methods. Eurofins TestAmerica's operations groups have reviewed the data for compliance with the laboratory QA/QC plan, and data have been found to be compliant with laboratory protocols unless otherwise noted below.

The test results in this report meet all NELAP requirements for parameters for which accreditation is required or available. Any exceptions to NELAP requirements are noted in this report. Pursuant to NELAP, this report may not be reproduced, except in full, without the written approval of the laboratory.

Calculations are performed before rounding to avoid round-off errors in calculated results.

All holding times were met and proper preservation noted for the methods performed on these samples, unless otherwise detailed in the individual sections below.

This laboratory report is confidential and is intended for the sole use of Eurofins TestAmerica and its client.

RECEIPT

The samples were received on 11/26/2019 9:45 AM; the samples arrived in good condition, properly preserved and, where required, on ice. The temperatures of the 3 coolers at receipt time were 2.2° C, 3.1° C and 3.9° C.

VOLATILE ORGANIC COMPOUNDS (GC/MS)

Samples B-28M (240-122893-1), B-23M (240-122893-2), B-6M (240-122893-3), B-50M (240-122893-4), P-4 (240-122893-5), TB-112119 (240-122893-6), B-21M (240-122893-7), B-22M (240-122893-8), B-12M (240-122893-9) and B-9M (240-122893-10) were analyzed for Volatile organic compounds (GC/MS) in accordance with EPA Method 624.1. The samples were analyzed on 11/29/2019, 11/30/2019 and 12/02/2019.

Samples B-23M (240-122893-2)[4X], B-6M (240-122893-3)[4X], B-50M (240-122893-4)[2.5X], P-4 (240-122893-5)[40X] and B-12M (240-122893-9)[4X] required dilution prior to analysis. The reporting limits have been adjusted accordingly.

Trichloroethene was detected in method blank MB 240-413142/8 and method blank MB 240-413404/8 at a level that was above the method detection limit but below the reporting limit. The value should be considered an estimate, and has been flagged. If the associated sample reported a result above the MDL and/or RL, the result has been flagged.

Case Narrative

Client: AECOM
Project/Site: BP Sanborn

Job ID: 240-122893-1

Job ID: 240-122893-1 (Continued)

Laboratory: Eurofins TestAmerica, Canton (Continued)

No additional analytical or quality issues were noted, other than those described above or in the Definitions/Glossary page.

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Method Summary

Client: AECOM
Project/Site: BP Sanborn

Job ID: 240-122893-1

Method	Method Description	Protocol	Laboratory
624.1	Volatile Organic Compounds (GC/MS)	40CFR136A	TAL CAN

Protocol References:

40CFR136A = "Methods for Organic Chemical Analysis of Municipal Industrial Wastewater", 40CFR, Part 136, Appendix A, October 26, 1984 and subsequent revisions.

Laboratory References:

TAL CAN = Eurofins TestAmerica, Canton, 4101 Shuffel Street NW, North Canton, OH 44720, TEL (330)497-9396

Sample Summary

Client: AECOM
Project/Site: BP Sanborn

Job ID: 240-122893-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Asset ID
240-122893-1	B-28M	Water	11/21/19 14:35	11/26/19 09:45	
240-122893-2	B-23M	Water	11/21/19 10:00	11/26/19 09:45	
240-122893-3	B-6M	Water	11/21/19 12:40	11/26/19 09:45	
240-122893-4	B-50M	Water	11/21/19 11:40	11/26/19 09:45	
240-122893-5	P-4	Water	11/21/19 15:45	11/26/19 09:45	
240-122893-6	TB-112119	Water	11/21/19 00:00	11/26/19 09:45	
240-122893-7	B-21M	Water	11/22/19 11:05	11/26/19 09:45	
240-122893-8	B-22M	Water	11/22/19 12:05	11/26/19 09:45	
240-122893-9	B-12M	Water	11/22/19 13:45	11/26/19 09:45	
240-122893-10	B-9M	Water	11/22/19 14:33	11/26/19 09:45	

Detection Summary

Client: AECOM
Project/Site: BP Sanborn

Job ID: 240-122893-1

Client Sample ID: B-28M

Lab Sample ID: 240-122893-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Trichloroethene	0.21	J B	1.0	0.10	ug/L	1		624.1	Total/NA

Client Sample ID: B-23M

Lab Sample ID: 240-122893-2

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Chloroform	0.67	J	4.0	0.52	ug/L	4		624.1	Total/NA
cis-1,2-Dichloroethene	99		2.0	0.64	ug/L	4		624.1	Total/NA
1,1-Dichloroethane	2.8	J	4.0	0.68	ug/L	4		624.1	Total/NA
1,1-Dichloroethene	0.92	J	4.0	0.76	ug/L	4		624.1	Total/NA
trans-1,2-Dichloroethene	2.7		2.0	0.76	ug/L	4		624.1	Total/NA
1,1,1-Trichloroethane	3.7	J	4.0	0.96	ug/L	4		624.1	Total/NA
Trichloroethene	200	B	4.0	0.40	ug/L	4		624.1	Total/NA
Vinyl chloride	0.90	J	4.0	0.80	ug/L	4		624.1	Total/NA

Client Sample ID: B-6M

Lab Sample ID: 240-122893-3

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
cis-1,2-Dichloroethene	29		2.0	0.64	ug/L	4		624.1	Total/NA
trans-1,2-Dichloroethene	0.92	J	2.0	0.76	ug/L	4		624.1	Total/NA
Trichloroethene	200	B	4.0	0.40	ug/L	4		624.1	Total/NA

Client Sample ID: B-50M

Lab Sample ID: 240-122893-4

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
cis-1,2-Dichloroethene	28		1.3	0.40	ug/L	2.5		624.1	Total/NA
trans-1,2-Dichloroethene	2.1		1.3	0.48	ug/L	2.5		624.1	Total/NA
Trichloroethene	130	B	2.5	0.25	ug/L	2.5		624.1	Total/NA

Client Sample ID: P-4

Lab Sample ID: 240-122893-5

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
cis-1,2-Dichloroethene	500		20	6.4	ug/L	40		624.1	Total/NA
1,1-Dichloroethane	22	J	40	6.8	ug/L	40		624.1	Total/NA
1,1-Dichloroethene	8.4	J	40	7.6	ug/L	40		624.1	Total/NA
trans-1,2-Dichloroethene	8.0	J	20	7.6	ug/L	40		624.1	Total/NA
1,1,1-Trichloroethane	34	J	40	9.6	ug/L	40		624.1	Total/NA
Trichloroethene	2100	B	40	4.0	ug/L	40		624.1	Total/NA

Client Sample ID: TB-112119

Lab Sample ID: 240-122893-6

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Trichloroethene	0.29	J B	1.0	0.10	ug/L	1		624.1	Total/NA

Client Sample ID: B-21M

Lab Sample ID: 240-122893-7

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Trichloroethene	0.24	J B	1.0	0.10	ug/L	1		624.1	Total/NA

Client Sample ID: B-22M

Lab Sample ID: 240-122893-8

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Chloroform	0.15	J	1.0	0.13	ug/L	1		624.1	Total/NA
cis-1,2-Dichloroethene	24		0.50	0.16	ug/L	1		624.1	Total/NA
1,1-Dichloroethane	0.22	J	1.0	0.17	ug/L	1		624.1	Total/NA

This Detection Summary does not include radiochemical test results.

Eurofins TestAmerica, Canton

Detection Summary

Client: AECOM
Project/Site: BP Sanborn

Job ID: 240-122893-1

Client Sample ID: B-22M (Continued)

Lab Sample ID: 240-122893-8

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
trans-1,2-Dichloroethene	1.2		0.50	0.19	ug/L	1		624.1	Total/NA
Trichloroethene	10	B	1.0	0.10	ug/L	1		624.1	Total/NA

Client Sample ID: B-12M

Lab Sample ID: 240-122893-9

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
cis-1,2-Dichloroethene	39		2.0	0.64	ug/L	4		624.1	Total/NA
1,1-Dichloroethane	2.7	J	4.0	0.68	ug/L	4		624.1	Total/NA
1,1-Dichloroethene	1.1	J	4.0	0.76	ug/L	4		624.1	Total/NA
trans-1,2-Dichloroethene	0.93	J	2.0	0.76	ug/L	4		624.1	Total/NA
1,1,1-Trichloroethane	12		4.0	0.96	ug/L	4		624.1	Total/NA
Trichloroethene	200	B	4.0	0.40	ug/L	4		624.1	Total/NA

Client Sample ID: B-9M

Lab Sample ID: 240-122893-10

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
cis-1,2-Dichloroethene	2.8		0.50	0.16	ug/L	1		624.1	Total/NA
Trichloroethene	0.59	J B	1.0	0.10	ug/L	1		624.1	Total/NA

This Detection Summary does not include radiochemical test results.

Eurofins TestAmerica, Canton

Client Sample Results

Client: AECOM
Project/Site: BP Sanborn

Job ID: 240-122893-1

Client Sample ID: B-28M

Lab Sample ID: 240-122893-1

Date Collected: 11/21/19 14:35

Matrix: Water

Date Received: 11/26/19 09:45

Method: 624.1 - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloroform	ND		1.0	0.13	ug/L			11/29/19 20:55	1
cis-1,2-Dichloroethene	ND		0.50	0.16	ug/L			11/29/19 20:55	1
1,1-Dichloroethane	ND		1.0	0.17	ug/L			11/29/19 20:55	1
1,1-Dichloroethene	ND		1.0	0.19	ug/L			11/29/19 20:55	1
Methylene Chloride	ND		5.0	2.6	ug/L			11/29/19 20:55	1
trans-1,2-Dichloroethene	ND		0.50	0.19	ug/L			11/29/19 20:55	1
1,1,1-Trichloroethane	ND		1.0	0.24	ug/L			11/29/19 20:55	1
Trichloroethene	0.21	J B	1.0	0.10	ug/L			11/29/19 20:55	1
Tetrachloroethene	ND		1.0	0.15	ug/L			11/29/19 20:55	1
Vinyl chloride	ND		1.0	0.20	ug/L			11/29/19 20:55	1
Carbon tetrachloride	ND		1.0	0.26	ug/L			11/29/19 20:55	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	87		47 - 134		11/29/19 20:55	1
1,2-Dichloroethane-d4 (Surr)	105		75 - 130		11/29/19 20:55	1
Toluene-d8 (Surr)	98		69 - 122		11/29/19 20:55	1

Client Sample Results

Client: AECOM
Project/Site: BP Sanborn

Job ID: 240-122893-1

Client Sample ID: B-23M

Lab Sample ID: 240-122893-2

Date Collected: 11/21/19 10:00

Matrix: Water

Date Received: 11/26/19 09:45

Method: 624.1 - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloroform	0.67	J	4.0	0.52	ug/L			11/29/19 21:18	4
cis-1,2-Dichloroethene	99		2.0	0.64	ug/L			11/29/19 21:18	4
1,1-Dichloroethane	2.8	J	4.0	0.68	ug/L			11/29/19 21:18	4
1,1-Dichloroethene	0.92	J	4.0	0.76	ug/L			11/29/19 21:18	4
Methylene Chloride	ND		20	10	ug/L			11/29/19 21:18	4
trans-1,2-Dichloroethene	2.7		2.0	0.76	ug/L			11/29/19 21:18	4
1,1,1-Trichloroethane	3.7	J	4.0	0.96	ug/L			11/29/19 21:18	4
Trichloroethene	200	B	4.0	0.40	ug/L			11/29/19 21:18	4
Tetrachloroethene	ND		4.0	0.60	ug/L			11/29/19 21:18	4
Vinyl chloride	0.90	J	4.0	0.80	ug/L			11/29/19 21:18	4
Carbon tetrachloride	ND		4.0	1.0	ug/L			11/29/19 21:18	4
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	84		47 - 134					11/29/19 21:18	4
1,2-Dichloroethane-d4 (Surr)	103		75 - 130					11/29/19 21:18	4
Toluene-d8 (Surr)	97		69 - 122					11/29/19 21:18	4

Client Sample Results

Client: AECOM
Project/Site: BP Sanborn

Job ID: 240-122893-1

Client Sample ID: B-6M

Lab Sample ID: 240-122893-3

Date Collected: 11/21/19 12:40

Matrix: Water

Date Received: 11/26/19 09:45

Method: 624.1 - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloroform	ND		4.0	0.52	ug/L			11/29/19 22:48	4
cis-1,2-Dichloroethene	29		2.0	0.64	ug/L			11/29/19 22:48	4
1,1-Dichloroethane	ND		4.0	0.68	ug/L			11/29/19 22:48	4
1,1-Dichloroethene	ND		4.0	0.76	ug/L			11/29/19 22:48	4
Methylene Chloride	ND		20	10	ug/L			11/29/19 22:48	4
trans-1,2-Dichloroethene	0.92 J		2.0	0.76	ug/L			11/29/19 22:48	4
1,1,1-Trichloroethane	ND		4.0	0.96	ug/L			11/29/19 22:48	4
Trichloroethene	200 B		4.0	0.40	ug/L			11/29/19 22:48	4
Tetrachloroethene	ND		4.0	0.60	ug/L			11/29/19 22:48	4
Vinyl chloride	ND		4.0	0.80	ug/L			11/29/19 22:48	4
Carbon tetrachloride	ND		4.0	1.0	ug/L			11/29/19 22:48	4
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	90		47 - 134					11/29/19 22:48	4
1,2-Dichloroethane-d4 (Surr)	104		75 - 130					11/29/19 22:48	4
Toluene-d8 (Surr)	100		69 - 122					11/29/19 22:48	4

Client Sample Results

Client: AECOM
Project/Site: BP Sanborn

Job ID: 240-122893-1

Client Sample ID: B-50M

Lab Sample ID: 240-122893-4

Date Collected: 11/21/19 11:40

Matrix: Water

Date Received: 11/26/19 09:45

Method: 624.1 - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloroform	ND		2.5	0.33	ug/L			11/29/19 23:11	2.5
cis-1,2-Dichloroethene	28		1.3	0.40	ug/L			11/29/19 23:11	2.5
1,1-Dichloroethane	ND		2.5	0.43	ug/L			11/29/19 23:11	2.5
1,1-Dichloroethene	ND		2.5	0.48	ug/L			11/29/19 23:11	2.5
Methylene Chloride	ND		13	6.6	ug/L			11/29/19 23:11	2.5
trans-1,2-Dichloroethene	2.1		1.3	0.48	ug/L			11/29/19 23:11	2.5
1,1,1-Trichloroethane	ND		2.5	0.60	ug/L			11/29/19 23:11	2.5
Trichloroethene	130 B		2.5	0.25	ug/L			11/29/19 23:11	2.5
Tetrachloroethene	ND		2.5	0.38	ug/L			11/29/19 23:11	2.5
Vinyl chloride	ND		2.5	0.50	ug/L			11/29/19 23:11	2.5
Carbon tetrachloride	ND		2.5	0.65	ug/L			11/29/19 23:11	2.5
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	87		47 - 134					11/29/19 23:11	2.5
1,2-Dichloroethane-d4 (Surr)	108		75 - 130					11/29/19 23:11	2.5
Toluene-d8 (Surr)	101		69 - 122					11/29/19 23:11	2.5

Client Sample Results

Client: AECOM
Project/Site: BP Sanborn

Job ID: 240-122893-1

Client Sample ID: P-4

Lab Sample ID: 240-122893-5

Date Collected: 11/21/19 15:45

Matrix: Water

Date Received: 11/26/19 09:45

Method: 624.1 - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloroform	ND		40	5.2	ug/L			11/29/19 23:33	40
cis-1,2-Dichloroethene	500		20	6.4	ug/L			11/29/19 23:33	40
1,1-Dichloroethane	22	J	40	6.8	ug/L			11/29/19 23:33	40
1,1-Dichloroethene	8.4	J	40	7.6	ug/L			11/29/19 23:33	40
Methylene Chloride	ND		200	100	ug/L			11/29/19 23:33	40
trans-1,2-Dichloroethene	8.0	J	20	7.6	ug/L			11/29/19 23:33	40
1,1,1-Trichloroethane	34	J	40	9.6	ug/L			11/29/19 23:33	40
Trichloroethene	2100	B	40	4.0	ug/L			11/29/19 23:33	40
Tetrachloroethene	ND		40	6.0	ug/L			11/29/19 23:33	40
Vinyl chloride	ND		40	8.0	ug/L			11/29/19 23:33	40
Carbon tetrachloride	ND		40	10	ug/L			11/29/19 23:33	40
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	87		47 - 134					11/29/19 23:33	40
1,2-Dichloroethane-d4 (Surr)	106		75 - 130					11/29/19 23:33	40
Toluene-d8 (Surr)	100		69 - 122					11/29/19 23:33	40

Client Sample Results

Client: AECOM
Project/Site: BP Sanborn

Job ID: 240-122893-1

Client Sample ID: TB-112119

Lab Sample ID: 240-122893-6

Date Collected: 11/21/19 00:00

Matrix: Water

Date Received: 11/26/19 09:45

Method: 624.1 - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloroform	ND		1.0	0.13	ug/L			11/29/19 23:56	1
cis-1,2-Dichloroethene	ND		0.50	0.16	ug/L			11/29/19 23:56	1
1,1-Dichloroethane	ND		1.0	0.17	ug/L			11/29/19 23:56	1
1,1-Dichloroethene	ND		1.0	0.19	ug/L			11/29/19 23:56	1
Methylene Chloride	ND		5.0	2.6	ug/L			11/29/19 23:56	1
trans-1,2-Dichloroethene	ND		0.50	0.19	ug/L			11/29/19 23:56	1
1,1,1-Trichloroethane	ND		1.0	0.24	ug/L			11/29/19 23:56	1
Trichloroethene	0.29	J B	1.0	0.10	ug/L			11/29/19 23:56	1
Tetrachloroethene	ND		1.0	0.15	ug/L			11/29/19 23:56	1
Vinyl chloride	ND		1.0	0.20	ug/L			11/29/19 23:56	1
Carbon tetrachloride	ND		1.0	0.26	ug/L			11/29/19 23:56	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	84		47 - 134		11/29/19 23:56	1
1,2-Dichloroethane-d4 (Surr)	107		75 - 130		11/29/19 23:56	1
Toluene-d8 (Surr)	96		69 - 122		11/29/19 23:56	1

Client Sample Results

Client: AECOM
Project/Site: BP Sanborn

Job ID: 240-122893-1

Client Sample ID: B-21M

Lab Sample ID: 240-122893-7

Date Collected: 11/22/19 11:05

Matrix: Water

Date Received: 11/26/19 09:45

Method: 624.1 - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloroform	ND		1.0	0.13	ug/L			11/30/19 00:18	1
cis-1,2-Dichloroethene	ND		0.50	0.16	ug/L			11/30/19 00:18	1
1,1-Dichloroethane	ND		1.0	0.17	ug/L			11/30/19 00:18	1
1,1-Dichloroethene	ND		1.0	0.19	ug/L			11/30/19 00:18	1
Methylene Chloride	ND		5.0	2.6	ug/L			11/30/19 00:18	1
trans-1,2-Dichloroethene	ND		0.50	0.19	ug/L			11/30/19 00:18	1
1,1,1-Trichloroethane	ND		1.0	0.24	ug/L			11/30/19 00:18	1
Trichloroethene	0.24	J B	1.0	0.10	ug/L			11/30/19 00:18	1
Tetrachloroethene	ND		1.0	0.15	ug/L			11/30/19 00:18	1
Vinyl chloride	ND		1.0	0.20	ug/L			11/30/19 00:18	1
Carbon tetrachloride	ND		1.0	0.26	ug/L			11/30/19 00:18	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	88		47 - 134		11/30/19 00:18	1
1,2-Dichloroethane-d4 (Surr)	111		75 - 130		11/30/19 00:18	1
Toluene-d8 (Surr)	98		69 - 122		11/30/19 00:18	1

Client Sample Results

Client: AECOM
Project/Site: BP Sanborn

Job ID: 240-122893-1

Client Sample ID: B-22M

Lab Sample ID: 240-122893-8

Date Collected: 11/22/19 12:05

Matrix: Water

Date Received: 11/26/19 09:45

Method: 624.1 - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloroform	0.15	J	1.0	0.13	ug/L			11/30/19 00:40	1
cis-1,2-Dichloroethene	24		0.50	0.16	ug/L			11/30/19 00:40	1
1,1-Dichloroethane	0.22	J	1.0	0.17	ug/L			11/30/19 00:40	1
1,1-Dichloroethene	ND		1.0	0.19	ug/L			11/30/19 00:40	1
Methylene Chloride	ND		5.0	2.6	ug/L			11/30/19 00:40	1
trans-1,2-Dichloroethene	1.2		0.50	0.19	ug/L			11/30/19 00:40	1
1,1,1-Trichloroethane	ND		1.0	0.24	ug/L			11/30/19 00:40	1
Trichloroethene	10	B	1.0	0.10	ug/L			11/30/19 00:40	1
Tetrachloroethene	ND		1.0	0.15	ug/L			11/30/19 00:40	1
Vinyl chloride	ND		1.0	0.20	ug/L			11/30/19 00:40	1
Carbon tetrachloride	ND		1.0	0.26	ug/L			11/30/19 00:40	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	87		47 - 134					11/30/19 00:40	1
1,2-Dichloroethane-d4 (Surr)	101		75 - 130					11/30/19 00:40	1
Toluene-d8 (Surr)	99		69 - 122					11/30/19 00:40	1

Client Sample Results

Client: AECOM
Project/Site: BP Sanborn

Job ID: 240-122893-1

Client Sample ID: B-12M

Lab Sample ID: 240-122893-9

Date Collected: 11/22/19 13:45

Matrix: Water

Date Received: 11/26/19 09:45

Method: 624.1 - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloroform	ND		4.0	0.52	ug/L			12/02/19 21:23	4
cis-1,2-Dichloroethene	39		2.0	0.64	ug/L			12/02/19 21:23	4
1,1-Dichloroethane	2.7	J	4.0	0.68	ug/L			12/02/19 21:23	4
1,1-Dichloroethene	1.1	J	4.0	0.76	ug/L			12/02/19 21:23	4
Methylene Chloride	ND		20	10	ug/L			12/02/19 21:23	4
trans-1,2-Dichloroethene	0.93	J	2.0	0.76	ug/L			12/02/19 21:23	4
1,1,1-Trichloroethane	12		4.0	0.96	ug/L			12/02/19 21:23	4
Trichloroethene	200	B	4.0	0.40	ug/L			12/02/19 21:23	4
Tetrachloroethene	ND		4.0	0.60	ug/L			12/02/19 21:23	4
Vinyl chloride	ND		4.0	0.80	ug/L			12/02/19 21:23	4
Carbon tetrachloride	ND		4.0	1.0	ug/L			12/02/19 21:23	4
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	89		47 - 134					12/02/19 21:23	4
1,2-Dichloroethane-d4 (Surr)	105		75 - 130					12/02/19 21:23	4
Toluene-d8 (Surr)	99		69 - 122					12/02/19 21:23	4

Client Sample Results

Client: AECOM
Project/Site: BP Sanborn

Job ID: 240-122893-1

Client Sample ID: B-9M

Lab Sample ID: 240-122893-10

Date Collected: 11/22/19 14:33

Matrix: Water

Date Received: 11/26/19 09:45

Method: 624.1 - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloroform	ND		1.0	0.13	ug/L			12/02/19 21:46	1
cis-1,2-Dichloroethene	2.8		0.50	0.16	ug/L			12/02/19 21:46	1
1,1-Dichloroethane	ND		1.0	0.17	ug/L			12/02/19 21:46	1
1,1-Dichloroethene	ND		1.0	0.19	ug/L			12/02/19 21:46	1
Methylene Chloride	ND		5.0	2.6	ug/L			12/02/19 21:46	1
trans-1,2-Dichloroethene	ND		0.50	0.19	ug/L			12/02/19 21:46	1
1,1,1-Trichloroethane	ND		1.0	0.24	ug/L			12/02/19 21:46	1
Trichloroethene	0.59	J B	1.0	0.10	ug/L			12/02/19 21:46	1
Tetrachloroethene	ND		1.0	0.15	ug/L			12/02/19 21:46	1
Vinyl chloride	ND		1.0	0.20	ug/L			12/02/19 21:46	1
Carbon tetrachloride	ND		1.0	0.26	ug/L			12/02/19 21:46	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	89		47 - 134		12/02/19 21:46	1
1,2-Dichloroethane-d4 (Surr)	107		75 - 130		12/02/19 21:46	1
Toluene-d8 (Surr)	98		69 - 122		12/02/19 21:46	1

Surrogate Summary

Client: AECOM
Project/Site: BP Sanborn

Job ID: 240-122893-1

Method: 624.1 - Volatile Organic Compounds (GC/MS)

Matrix: Water

Prep Type: Total/NA

		Percent Surrogate Recovery (Acceptance Limits)		
Lab Sample ID	Client Sample ID	BFB (47-134)	DCA (75-130)	TOL (69-122)
240-122893-1	B-28M	87	105	98
240-122893-2	B-23M	84	103	97
240-122893-2 MS	B-23M	97	101	103
240-122893-2 MSD	B-23M	95	102	99
240-122893-3	B-6M	90	104	100
240-122893-4	B-50M	87	108	101
240-122893-5	P-4	87	106	100
240-122893-6	TB-112119	84	107	96
240-122893-7	B-21M	88	111	98
240-122893-8	B-22M	87	101	99
240-122893-9	B-12M	89	105	99
240-122893-10	B-9M	89	107	98
LCS 240-413142/5	Lab Control Sample	94	97	101
LCS 240-413404/5	Lab Control Sample	95	97	102
MB 240-413142/8	Method Blank	87	104	97
MB 240-413404/8	Method Blank	84	105	98

Surrogate Legend

BFB = 4-Bromofluorobenzene (Surr)

DCA = 1,2-Dichloroethane-d4 (Surr)

TOL = Toluene-d8 (Surr)

QC Sample Results

Client: AECOM
Project/Site: BP Sanborn

Job ID: 240-122893-1

Method: 624.1 - Volatile Organic Compounds (GC/MS)

Lab Sample ID: MB 240-413142/8

Matrix: Water

Analysis Batch: 413142

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	0.13	ug/L			11/29/19 15:39	1
cis-1,2-Dichloroethene	ND		0.50	0.16	ug/L			11/29/19 15:39	1
1,1-Dichloroethane	ND		1.0	0.17	ug/L			11/29/19 15:39	1
1,1-Dichloroethene	ND		1.0	0.19	ug/L			11/29/19 15:39	1
Methylene Chloride	ND		5.0	2.6	ug/L			11/29/19 15:39	1
trans-1,2-Dichloroethene	ND		0.50	0.19	ug/L			11/29/19 15:39	1
1,1,1-Trichloroethane	ND		1.0	0.24	ug/L			11/29/19 15:39	1
Trichloroethene	0.255	J	1.0	0.10	ug/L			11/29/19 15:39	1
Tetrachloroethene	ND		1.0	0.15	ug/L			11/29/19 15:39	1
Vinyl chloride	ND		1.0	0.20	ug/L			11/29/19 15:39	1
Carbon tetrachloride	ND		1.0	0.26	ug/L			11/29/19 15:39	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	87		47 - 134		11/29/19 15:39	1
1,2-Dichloroethane-d4 (Surr)	104		75 - 130		11/29/19 15:39	1
Toluene-d8 (Surr)	97		69 - 122		11/29/19 15:39	1

Lab Sample ID: LCS 240-413142/5

Matrix: Water

Analysis Batch: 413142

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Chloroform	20.0	21.6		ug/L		108	70 - 135
cis-1,2-Dichloroethene	20.0	21.7		ug/L		108	75 - 124
1,1-Dichloroethane	20.0	21.1		ug/L		106	70 - 130
1,1-Dichloroethene	20.0	21.5		ug/L		108	50 - 150
Methylene Chloride	20.0	20.5		ug/L		102	60 - 140
trans-1,2-Dichloroethene	20.0	20.7		ug/L		104	70 - 130
1,1,1-Trichloroethane	20.0	20.9		ug/L		104	70 - 130
Trichloroethene	20.0	20.4		ug/L		102	65 - 135
Tetrachloroethene	20.0	20.0		ug/L		100	70 - 130
Vinyl chloride	20.0	19.1		ug/L		96	5 - 195
Carbon tetrachloride	20.0	21.2		ug/L		106	70 - 130

Surrogate	LCS %Recovery	LCS Qualifier	Limits
4-Bromofluorobenzene (Surr)	94		47 - 134
1,2-Dichloroethane-d4 (Surr)	97		75 - 130
Toluene-d8 (Surr)	101		69 - 122

Lab Sample ID: 240-122893-2 MS

Matrix: Water

Analysis Batch: 413142

Client Sample ID: B-23M

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Chloroform	0.67	J	80.0	83.9		ug/L		104	51 - 138
cis-1,2-Dichloroethene	99		80.0	179		ug/L		100	68 - 121
1,1-Dichloroethane	2.8	J	80.0	84.8		ug/L		103	59 - 155
1,1-Dichloroethene	0.92	J	80.0	83.8		ug/L		104	0 - 234

Eurofins TestAmerica, Canton

QC Sample Results

Client: AECOM
Project/Site: BP Sanborn

Job ID: 240-122893-1

Method: 624.1 - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 240-122893-2 MS

Matrix: Water

Analysis Batch: 413142

Client Sample ID: B-23M

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Methylene Chloride	ND		80.0	80.2		ug/L		100	0 - 221
trans-1,2-Dichloroethene	2.7		80.0	84.5		ug/L		102	54 - 156
1,1,1-Trichloroethane	3.7	J	80.0	80.8		ug/L		96	52 - 162
Trichloroethene	200	B	80.0	272		ug/L		86	70 - 157
Tetrachloroethene	ND		80.0	74.7		ug/L		93	64 - 148
Vinyl chloride	0.90	J	80.0	75.9		ug/L		94	0 - 251
Carbon tetrachloride	ND		80.0	79.1		ug/L		99	70 - 140
Surrogate	MS %Recovery	MS Qualifier	MS Limits						
4-Bromofluorobenzene (Surr)	97		47 - 134						
1,2-Dichloroethane-d4 (Surr)	101		75 - 130						
Toluene-d8 (Surr)	103		69 - 122						

Lab Sample ID: 240-122893-2 MSD

Matrix: Water

Analysis Batch: 413142

Client Sample ID: B-23M

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Chloroform	0.67	J	80.0	85.3		ug/L		106	51 - 138	2	54
cis-1,2-Dichloroethene	99		80.0	178		ug/L		98	68 - 121	1	35
1,1-Dichloroethane	2.8	J	80.0	83.9		ug/L		101	59 - 155	1	40
1,1-Dichloroethene	0.92	J	80.0	82.0		ug/L		101	0 - 234	2	32
Methylene Chloride	ND		80.0	79.6		ug/L		100	0 - 221	1	28
trans-1,2-Dichloroethene	2.7		80.0	85.7		ug/L		104	54 - 156	1	45
1,1,1-Trichloroethane	3.7	J	80.0	81.7		ug/L		98	52 - 162	1	36
Trichloroethene	200	B	80.0	269		ug/L		83	70 - 157	1	48
Tetrachloroethene	ND		80.0	75.2		ug/L		94	64 - 148	1	39
Vinyl chloride	0.90	J	80.0	74.5		ug/L		92	0 - 251	2	66
Carbon tetrachloride	ND		80.0	80.5		ug/L		101	70 - 140	2	41
Surrogate	MSD %Recovery	MSD Qualifier	MSD Limits								
4-Bromofluorobenzene (Surr)	95		47 - 134								
1,2-Dichloroethane-d4 (Surr)	102		75 - 130								
Toluene-d8 (Surr)	99		69 - 122								

Lab Sample ID: MB 240-413404/8

Matrix: Water

Analysis Batch: 413404

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	0.13	ug/L			12/02/19 17:38	1
cis-1,2-Dichloroethene	ND		0.50	0.16	ug/L			12/02/19 17:38	1
1,1-Dichloroethane	ND		1.0	0.17	ug/L			12/02/19 17:38	1
1,1-Dichloroethene	ND		1.0	0.19	ug/L			12/02/19 17:38	1
Methylene Chloride	ND		5.0	2.6	ug/L			12/02/19 17:38	1
trans-1,2-Dichloroethene	ND		0.50	0.19	ug/L			12/02/19 17:38	1
1,1,1-Trichloroethane	ND		1.0	0.24	ug/L			12/02/19 17:38	1
Trichloroethene	0.248	J	1.0	0.10	ug/L			12/02/19 17:38	1

Eurofins TestAmerica, Canton

QC Sample Results

Client: AECOM
Project/Site: BP Sanborn

Job ID: 240-122893-1

Method: 624.1 - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 240-413404/8

Matrix: Water

Analysis Batch: 413404

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Tetrachloroethene	ND		1.0	0.15	ug/L			12/02/19 17:38	1
Vinyl chloride	ND		1.0	0.20	ug/L			12/02/19 17:38	1
Carbon tetrachloride	ND		1.0	0.26	ug/L			12/02/19 17:38	1
Surrogate	MB %Recovery	MB Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	84		47 - 134					12/02/19 17:38	1
1,2-Dichloroethane-d4 (Surr)	105		75 - 130					12/02/19 17:38	1
Toluene-d8 (Surr)	98		69 - 122					12/02/19 17:38	1

Lab Sample ID: LCS 240-413404/5

Matrix: Water

Analysis Batch: 413404

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Chloroform	20.0	21.7		ug/L		109	70 - 135
cis-1,2-Dichloroethene	20.0	22.1		ug/L		110	75 - 124
1,1-Dichloroethane	20.0	21.1		ug/L		105	70 - 130
1,1-Dichloroethene	20.0	22.4		ug/L		112	50 - 150
Methylene Chloride	20.0	20.8		ug/L		104	60 - 140
trans-1,2-Dichloroethene	20.0	21.8		ug/L		109	70 - 130
1,1,1-Trichloroethane	20.0	20.8		ug/L		104	70 - 130
Trichloroethene	20.0	20.1		ug/L		100	65 - 135
Tetrachloroethene	20.0	20.0		ug/L		100	70 - 130
Vinyl chloride	20.0	19.2		ug/L		96	5 - 195
Carbon tetrachloride	20.0	21.5		ug/L		108	70 - 130
Surrogate	LCS %Recovery	LCS Qualifier	Limits				
4-Bromofluorobenzene (Surr)	95		47 - 134				
1,2-Dichloroethane-d4 (Surr)	97		75 - 130				
Toluene-d8 (Surr)	102		69 - 122				

Eurofins TestAmerica, Canton

QC Association Summary

Client: AECOM
Project/Site: BP Sanborn

Job ID: 240-122893-1

GC/MS VOA

Analysis Batch: 413142

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-122893-1	B-28M	Total/NA	Water	624.1	
240-122893-2	B-23M	Total/NA	Water	624.1	
240-122893-3	B-6M	Total/NA	Water	624.1	
240-122893-4	B-50M	Total/NA	Water	624.1	
240-122893-5	P-4	Total/NA	Water	624.1	
240-122893-6	TB-112119	Total/NA	Water	624.1	
240-122893-7	B-21M	Total/NA	Water	624.1	
240-122893-8	B-22M	Total/NA	Water	624.1	
MB 240-413142/8	Method Blank	Total/NA	Water	624.1	
LCS 240-413142/5	Lab Control Sample	Total/NA	Water	624.1	
240-122893-2 MS	B-23M	Total/NA	Water	624.1	
240-122893-2 MSD	B-23M	Total/NA	Water	624.1	

Analysis Batch: 413404

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-122893-9	B-12M	Total/NA	Water	624.1	
240-122893-10	B-9M	Total/NA	Water	624.1	
MB 240-413404/8	Method Blank	Total/NA	Water	624.1	
LCS 240-413404/5	Lab Control Sample	Total/NA	Water	624.1	

Lab Chronicle

Client: AECOM
Project/Site: BP Sanborn

Job ID: 240-122893-1

Client Sample ID: B-28M

Date Collected: 11/21/19 14:35

Date Received: 11/26/19 09:45

Lab Sample ID: 240-122893-1

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	624.1		1	413142	11/29/19 20:55	TJL1	TAL CAN

Client Sample ID: B-23M

Date Collected: 11/21/19 10:00

Date Received: 11/26/19 09:45

Lab Sample ID: 240-122893-2

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	624.1		4	413142	11/29/19 21:18	TJL1	TAL CAN

Client Sample ID: B-6M

Date Collected: 11/21/19 12:40

Date Received: 11/26/19 09:45

Lab Sample ID: 240-122893-3

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	624.1		4	413142	11/29/19 22:48	TJL1	TAL CAN

Client Sample ID: B-50M

Date Collected: 11/21/19 11:40

Date Received: 11/26/19 09:45

Lab Sample ID: 240-122893-4

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	624.1		2.5	413142	11/29/19 23:11	TJL1	TAL CAN

Client Sample ID: P-4

Date Collected: 11/21/19 15:45

Date Received: 11/26/19 09:45

Lab Sample ID: 240-122893-5

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	624.1		40	413142	11/29/19 23:33	TJL1	TAL CAN

Client Sample ID: TB-112119

Date Collected: 11/21/19 00:00

Date Received: 11/26/19 09:45

Lab Sample ID: 240-122893-6

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	624.1		1	413142	11/29/19 23:56	TJL1	TAL CAN

Client Sample ID: B-21M

Date Collected: 11/22/19 11:05

Date Received: 11/26/19 09:45

Lab Sample ID: 240-122893-7

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	624.1		1	413142	11/30/19 00:18	TJL1	TAL CAN

Eurofins TestAmerica, Canton

Lab Chronicle

Client: AECOM
Project/Site: BP Sanborn

Job ID: 240-122893-1

Client Sample ID: B-22M

Date Collected: 11/22/19 12:05

Date Received: 11/26/19 09:45

Lab Sample ID: 240-122893-8

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	624.1		1	413142	11/30/19 00:40	TJL1	TAL CAN

Client Sample ID: B-12M

Date Collected: 11/22/19 13:45

Date Received: 11/26/19 09:45

Lab Sample ID: 240-122893-9

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	624.1		4	413404	12/02/19 21:23	TJL1	TAL CAN

Client Sample ID: B-9M

Date Collected: 11/22/19 14:33

Date Received: 11/26/19 09:45

Lab Sample ID: 240-122893-10

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	624.1		1	413404	12/02/19 21:46	TJL1	TAL CAN

Laboratory References:

TAL CAN = Eurofins TestAmerica, Canton, 4101 Shuffel Street NW, North Canton, OH 44720, TEL (330)497-9396

Accreditation/Certification Summary

Client: AECOM
Project/Site: BP Sanborn

Job ID: 240-122893-1

Laboratory: Eurofins TestAmerica, Canton

Unless otherwise noted, all analytes for this laboratory were covered under each accreditation/certification below.

Authority	Program	Identification Number	Expiration Date
New York	NELAP	10975	03-31-20

The following analytes are included in this report, but the laboratory is not certified by the governing authority. This list may include analytes for which the agency does not offer certification.

Analysis Method	Prep Method	Matrix	Analyte
624.1		Water	1,1,1-Trichloroethane
624.1		Water	1,1-Dichloroethane
624.1		Water	1,1-Dichloroethene
624.1		Water	Carbon tetrachloride
624.1		Water	Chloroform
624.1		Water	cis-1,2-Dichloroethene
624.1		Water	Methylene Chloride
624.1		Water	Tetrachloroethene
624.1		Water	trans-1,2-Dichloroethene
624.1		Water	Trichloroethene
624.1		Water	Vinyl chloride

32/39 Laboratory Management Program LaMP Chain of Custody Record

Page 1 of 1

Req Due Date (mm/dd/yy):

BP Sanborn

BP/ARC Project Name:

Rush TAT: Yes No X

Lab Work Order Number:

BP/ARC Facility No:

Lab Name: Test America, Canton		BP/ARC Facility Address: 2040 Cory Dr.		Consultant/Contractor: AECOM	
Lab Address: 4101 Shuffel St. NW Canton, OH 44720		City, State, ZIP Code: Sanborn, NY 14120		Consultant/Contractor Project No: 60481767-18.39	
Lab PM: Patrick O'Meara		Lead Regulatory Agency: NYSDEC		Address: 257 West Genesee St., Suite 400 Buffalo, NY 14202	
Lab Phone: 330-497-9396		California Global ID No.:		Consultant/Contractor PM: James Kaczor	
Lab Shipping Acct:		Enfos Proposal No:		Phone: 716-923-1300	
Lab Bottle Order No:		Accounting Mode: 10 Provision OOC-BU OOC-RM		Email EDD To: James.Kaczor@aecom.com	
Other Info:		Stage: 60 Activity:		Invoice To: BP/ARC Contractor X	

Lab No.	Sample Description	Date	Time	Matrix				No. Containers / Preservative				Requested Analyses				Report Type & QC Level		Comments
				Soil / Solid	Water / Liquid	Air / Vapor	Total Number of Containers	Unpreserved	H ₂ SO ₄	HNO ₃	HCl							
B-28M		11-21-19	1435	X			3											Note: If sample not collected, indicate "No Sample" in comments and single-strike out and initial any preprinted sample description.
B-23M		11-21-19	1000	X			3										tms/msd	
B-6M		11-21-19	1240	X			3											
B-50M		11-21-19	1140	X			3											
P-4		11-21-19	1545	X			3											
TR-112119		11-21-19	-	X			3											
B-21M		11-22-19	1105	X			3											
B-22M		11-22-19	1205	X			3											
B-12M		11-22-19	1345	X			3											
B-9M		11-22-19	1433	X			3											



240-122893 Chain of Custody

Relinquished By / Affiliation	Date	Time	Accepted By / Affiliation	Date	Time
Michael A. Tom Urban	11-22-19	1338	Carroll	11/22/19	1338
Jim Now C1601b	11/25/19	1740	BTAC	11/26/19	945

Sampler's Name: Emily A. Tom Urban
 Sampler's Company: AECOM
 Shipment Method: Drop Off at TA Buffalo Ship Date:
 Shipment Tracking No:

Special Instructions: Please Bill Sanborn Samples to AECOM PO# PO97842 Line 3 (Task 18.39)

THIS LINE - LAB USE ONLY: Custody Seals in Place: Yes / No Temp Blank: Yes / No Cooler Temp on Receipt: °F/C Trip Blank: Yes / No MS/MSD Sample Submitted: Yes / No

Eurofins TestAmerica Canton Sample Receipt Form/Narrative				Login # : <u>122893</u>	
Canton Facility					
Client <u>BP/ARC</u>		Site Name _____		Cooler unpacked by: <u>[Signature]</u>	
Cooler Received on <u>11-26-19</u>		Opened on <u>11-26-19</u>			
FedEx: 1 st Grd ☒ Exp ☐ UPS ☐ FAS ☐ Clipper ☐ Client Drop Off ☐ TestAmerica Courier ☐ Other ☐					
Receipt After-hours: Drop-off Date/Time				Storage Location	
TestAmerica Cooler # <u>114</u>		Foam Box ☐ Client Cooler ☐ Box ☐ Other ☐			
Packing material used: <u>Bubble Wrap</u>		Foam ☐ <u>Plastic Bag</u>		None ☐ Other ☐	
COOLANT: <u>Wet Ice</u>		Blue Ice ☐ Dry Ice ☐ Water ☐ None ☐			
1. Cooler temperature upon receipt		☒ See Multiple Cooler Form			
IR GUN# IR-10 (CF +0.7 °C)		Observed Cooler Temp. _____ °C		Corrected Cooler Temp. _____ °C	
IR GUN #IR-11 (CF +0.9 °C)		Observed Cooler Temp. _____ °C		Corrected Cooler Temp. _____ °C	
2. Were tamper/custody seals on the outside of the cooler(s)? If Yes Quantity <u>3</u>		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 ☐ NA ☐			
-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 be reconciled with the COC?		Yes ☒ No ☐			
9. Were correct bottle(s) used for the test(s) indicated?		Yes ☒ No ☐			
10. Sufficient quantity received to perform indicated analyses?		Yes ☒ No ☐			
11. Are these work share samples?		Yes ☒ No ☐			
If yes, Questions 12-16 have been checked at the originating laboratory.					
12. Were all preserved sample(s) at the correct pH upon receipt?		Yes ☒ No ☐ NA ☐ pH Strip Lot# <u>HC995364</u>			
13. Were VOAs on the COC?		Yes ☒ No ☐ NA ☐			
14. Were air bubbles >6 mm in any VOA vials? Larger than this.		Yes ☒ No ☐ NA ☐			
15. Was a VOA trip blank present in the cooler(s)? Trip Blank Lot # <u>NA</u>		Yes ☒ No ☐			
16. Was a LL Hg or Me Hg trip blank present?		Yes ☒ No ☐			
Contacted PM _____ Date _____ by _____ via Verbal Voice Mail Other _____					
Concerning _____					

Tests that are not checked for pH by Receiving:

VOAs
Oil and Grease
TOC

17. CHAIN OF CUSTODY & SAMPLE DISCREPANCIES	Samples processed by: _____
18. 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)	
19. 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: _____	

- 1
- 2
- 3
- 4
- 5
- 6
- 7
- 8
- 9
- 10
- 11
- 12
- 13
- 14
- 15

☐ See Temperature Excursion Form

Login Sample Receipt Checklist

Client: AECOM

Job Number: 240-122893-1

Login Number: 122893

List Source: Eurofins TestAmerica, Canton

List Number: 2

Creator: Maddux, Ann

Question	Answer	Comment
Radioactivity either was not measured or, if measured, is at or below background		
The cooler's custody seal, if present, is intact.		
The cooler or samples do not appear to have been compromised or tampered with.		
Samples were received on ice.		
Cooler Temperature is acceptable.		
Cooler Temperature is recorded.		
COC is present.		
COC is filled out in ink and legible.		
COC is filled out with all pertinent information.		
Is the Field Sampler's name present on COC?		
There are no discrepancies between the sample IDs on the containers and the COC.		
Samples are received within Holding Time (Excluding tests with immediate HTs)..		
Sample containers have legible labels.		
Containers are not broken or leaking.		
Sample collection date/times are provided.		
Appropriate sample containers are used.		
Sample bottles are completely filled.		
Sample Preservation Verified		
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs		
VOA sample vials do not have headspace or bubble is <6mm (1/4") in diameter.		
If necessary, staff have been informed of any short hold time or quick TAT needs		
Multiphasic samples are not present.		
Samples do not require splitting or compositing.		
Sampling Company provided.		
Samples received within 48 hours of sampling.		
Samples requiring field filtration have been filtered in the field.		
Chlorine Residual checked.		