



Environment

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Semi-Annual - Spring 2021 Groundwater Remediation Program Monitoring Report, 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.

Semi-Annual - Spring 2021 Groundwater Remediation Program Monitoring Report, Former Carborundum Facility, 2040 Cory Drive, Sanborn, NY NYSDEC Site No. 932102

Submitted to:

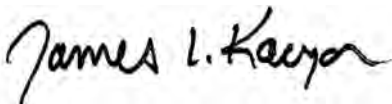
New York State Department of Environmental Conservation
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List of Acronyms

CCAL	continuing calibration standards
COC	chain-of-custody
DCA	dichloroethane
DCE	dichloroethene
DMR	discharge monitoring report
ETAL	Eurofins TestAmerica Laboratories, Inc.
GRS	groundwater remediation system
HDPE	high density polyethylene
LCS	laboratory control sample
MDL	method detection limit
MEE	methane, ethane, ethene
MS/MSD	matrix spike/matrix spike duplicate
µg/L	microgram per liter
NYSDEC	New York State Department of Environmental Conservation
OM&M	Operations, Maintenance, and Monitoring
QA/QC	quality assurance/quality control
RL	reporting limit
ROD	Record of Decision
SPDES	State Pollutant Discharge Elimination System
SVES	Soil Vapor Extraction System
TCA	trichloroethane
TCE	trichloroethene
TOC	total organic carbon
TOR	top of rock
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 summary of ongoing Operations, Maintenance, and Monitoring (OM&M) activities for the groundwater remediation system 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.

OM&M of the Site during this reporting period was provided by AECOM. As part of the OM&M activities, semi-annual groundwater sampling is conducted in Spring and Fall. This report presents the results of the Spring 2021 groundwater sampling event, first and second quarter 2021 groundwater level measurement events, and a summary of the OM&M activities completed between January 1 and May 31, 2021 by AECOM.

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 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 and associated modifications. TCE and its primary breakdown constituents, cis-1,2 dichloroethene (DCE) and vinyl chloride, are present at select locations in the groundwater.

The Record of Decision (ROD), issued in 1991, 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 groundwater remediation system (GRS) began operation in mid-1993 and treats groundwater using air stripping technology and an activated carbon polish. Post-treatment water is discharged at a permitted outfall to Cayuga Creek. Weekly discharge samples are collected and analyzed in compliance with the discharge permit.

A soil vapor extraction system (SVES) was operated in conjunction with the GRS until 2001 and was subsequently decommissioned by 2007. Concurrently, per discussions with NYSDEC, the groundwater recovery wells were reconfigured to extract groundwater from a shallower depth, focusing on the zones immediately at top of bedrock (referred to as Top of Rock, or TOR) and below the TOR (Zone 1). Additional deeper bedrock zones 2, 3, 4, and 5 were found to be less impacted and

suitable for monitored natural attenuation. 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 via the vault water collection and conveyance (VWCC) system. The VWCC 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 ceased pumping activities and was permanently filled in as of 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 semi-annual round (Fall) including 17 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 2021 groundwater sampling event is the 122nd overall periodic groundwater monitoring event since periodic groundwater sampling began.

2.0 Groundwater Monitoring

Spring 2021 groundwater monitoring was performed by AECOM and included collection of groundwater samples from select monitoring and recovery wells and water elevation measurements in all Site monitoring wells and recovery wells. Groundwater monitoring was completed according to the Annual Sampling (Spring) schedule defined in Table 1.

2.1 Quarterly Groundwater Elevation Measurements

In accordance with the revised groundwater monitoring program, groundwater elevation measurements continue to be required on a quarterly basis. During this reporting period, first quarter 2021 groundwater levels were collected on March 24, 2021 and second quarter groundwater levels were collected on June 1, 2021 (note PW-3 and P-4 were turned off on May 19, 2021 for the 2021 sequestration pilot study in the area of those wells). Groundwater levels were measured in March and June in 57 monitoring wells, six recovery wells, and two temporary monitoring wells. Groundwater levels were measured to the nearest 0.01 feet from the top of the well casing using an electronic water level meter. The water level meter was decontaminated between measurements. Groundwater elevations were calculated using the surveyed elevations of the top of well casings and the measured depth to groundwater. For both rounds, groundwater measurements were not able to be obtained from well B-51M (restriction in the well), B-32M (destroyed summer 2018) and B-66M (blocked by pallets). Table 2A and Table 2B provide a summary of the groundwater level measurements and calculated groundwater elevations for first and second quarter 2021, respectively.

Groundwater elevation contours for the TOR Zone, which is the focus of the ongoing remediation, are shown in Figure 3A and Figure 3B. Groundwater elevation contours for Zone 1, the first flow zone below the TOR Zone, are shown in Figure 4A and Figure 4B. Groundwater flow in both the TOR Zone and Zone 1 is generally inward toward the pumping wells in the northern part of the Site and toward the west and southwest in the southern and western parts of the Site. Capture zones created by recovery well P-4 and PW-3 in the TOR Zone, and PW-1, P-2, and P-3 in Zone 1, are evident on Figures 3A/3B and 4A/4B, respectively. Although PW-1 is a Zone 1 well, an influence in the TOR Zone is also evident (see Figure 3A). Groundwater elevations and resultant flow patterns are consistent with historical data.

2.2 Annual List Sampling – Spring 2021 Groundwater Sampling

Spring 2021 groundwater sampling was completed April 19 through April 26, 2021. The groundwater sampling event included purging of groundwater and collection of groundwater samples from 35 monitoring wells, six recovery wells, one surface water location (quarry pond), and one equalization tank at the GRS (T-002, which receives water from the Metaullics vaults prior to treatment through the GRS) in accordance with NYSDEC-approved (October 2005, amended 2009, amended 2016) sampling program. This sampling event represents the “Annual Sampling” presented in the 2016 amended groundwater monitoring program. The locations of the sampled wells are shown in Figure 2.

Consistent with prior sampling events, groundwater samples were separated into three different groups based on historical analytical results from individual wells. The sampling groups were identified as least impacted (low), moderately impacted (medium), and most impacted (high). The wells, T-002,

and quarry pond location were sampled by group, low to high, to the extent practical. Field sampling forms for each location are included in Appendix A.

The monitoring wells were purged with a decontaminated pump or dedicated high density polyethylene (HDPE) bailer (see Table 3 for purge/sample method used for each well). During purging, field parameters including specific conductivity, temperature, and turbidity were measured and recorded (see Table 4 for final field parameter data at time of sample collection). Purging continued until field parameters had stabilized or the well was purged dry. After purging was completed, a groundwater sample was collected and submitted for laboratory analysis. Each of the samples was analyzed for VOCs by USEPA Method 8260C, and six of the 35 locations were also analyzed for the following monitored natural attenuation (MNA) parameters: total iron by USEPA Method 6010C, ferric and ferrous iron by SM3500, methane, ethane, ethane (MEE) by USEPA method RSK 175, sulfate by USEPA Method 300.2, and total organic carbon (TOC) by Standard Method 5310. Ferrous iron was also field checked using HACH® field test kits. The analytical results were provided in Eurofins TestAmerica Laboratories (ETAL) report numbers, 240-147939-1, 240-148022-1, 240-148185-1, and 240-148317-1. Additionally, one location (P-4) was analyzed for QuantArray Chlor microbial analyses provided by Microbial Insights laboratory (report number 082SD-1).

The six recovery well samples were collected directly from the well with an HDPE disposable bailer. Field parameters were measured immediately after sample collection (see Table 4). The samples collected from the recovery wells were analyzed for VOCs. Two recovery well locations were also analyzed for MNA parameters and HACH® field test kits.

The VWCC T-002 sample for VOC analysis was collected directly into laboratory sample containers from a dedicated sample port located at the tank effluent valve. The sample collected from the tank was analyzed for VOCs. Field parameters were measured immediately after sample collection (see Table 4).

The quarry pond surface water sample was collected using a laboratory-cleaned, unpreserved sample container to dip into the pond surface water. The collected water was then transferred directly to the laboratory containers for VOC analysis. Field parameters were measured immediately after sample collection (see Table 4).

The groundwater, quarry pond surface water, and VWCC T-002 samples were placed in new, labeled 40-milliliter glass vials preserved with hydrochloric acid provided by the laboratory. Three sample vials were collected for each sample location for VOCs. The containers were visually inspected to confirm that they did not contain air bubbles. MNA parameters were collected in laboratory provided plastic bottle ware (with preservatives as needed). Dissolved metals were field filtered with 0.45-micron quick filters. All samples were hand-delivered to ETAL in Amherst, New York for VOC analysis under secure chain-of-custody (COC). ETAL Amherst then transferred the samples to ETAL, Canton, Ohio, a New York State Department of Health certified laboratory to perform the analyses. Analytical laboratory data reports are included in Appendix B.

Quality assurance/quality control (QA/QC) samples included trip blanks, field duplicates, and matrix spike/matrix spike duplicates (MS/MSD). Field duplicates and MS/MSD samples were collected at the rate of one per laboratory sample designation group (i.e., approximately five percent). A trip blank for VOC analysis was included with each sample cooler. QA/QC sample results are included in Appendix B.

A summary of VOC data for each sample collected during Spring 2021 is presented in Table 5. MNA analytical results are summarized in Table 6. Spring 2021 TCE, cis-1,2-dichloroethene (cis-1,2-DCE), vinyl chloride, and total VOC concentration isocontours in the TOR Zone and Zone 1 (the next deeper flow zone in the Lockport Dolomite) are provided in Figure 5. TCE, cis-1,2-DCE, vinyl chloride, and total VOC concentration isocontours in Zones 2, 3, 4, and 5 (the next sequentially deeper flow zones in the Lockport Dolomite) are shown in Figure 6¹. Time series plots for the wells from January 2001 through Spring 2021 are presented in Appendix C.

A tabular summary of the water quality database for all Site wells and sample locations is presented in Appendix D.

¹ For Figures 5 and 6, if a field duplicate was collected at a particular location, the greater of two detected values was used in the contouring. This may result in slight differences from Appendix D historical data summaries, which lists only the original sample, not its duplicate. The summaries in Appendix D were used to develop the discussion of groundwater data in this report.

3.0 Sample Results

3.1 Quality Assurance / Quality Control Summary

Data validation was performed on a subset of the analytical results, consistent with the validation performed on prior rounds, and as previously agreed to with NYSDEC.

Forty-three groundwater samples, one field duplicate, two matrix spike/matrix spike duplicate (MS/MSD) pairs, and two trip blanks were collected from the BP – Sanborn Site April 19 through April 27, 2021 by AECOM and sent to ETAL (Canton, OH) for analysis. The samples were received by the laboratory intact, properly preserved, and under proper COC. The samples were analyzed for VOCs by USEPA Method 8260C, total iron by USEPA Method 6010C, ferric and ferrous iron by SM3500, sulfate by USEPA Method 300.2, MEE by USEPA Method RSK-175, and TOC by Standard Method 5310C. Not all samples were analyzed for all parameters. The analytical results were provided in Eurofins report numbers, 240-147939-1, 240-148022-1, 240-148185, and 240-148347-1 and by Microbial Insights laboratory report number 082SD-1.

The COC listed an additional field duplicate (FD-042121) as being collected however no volume for that sample was received by the laboratory. Only one field duplicate was collected for this grouping of samples.

The COC associated with report J148317 (sample date 4/27/21) listed a trip blank as being submitted however none was received by the laboratory.

In accordance with the approved groundwater monitoring program, a limited data review was performed on all samples for completeness of deliverables, and for compliance with method criteria, which includes reporting limits (RL), holding times, method blanks, surrogate recoveries, internal standard recoveries, MS/MSD recoveries, and laboratory control sample (LCS) recoveries. All samples were analyzed within holding times, with compliant surrogate, internal standard, MS/MSD, and LCS recoveries.

Several samples were only analyzed at a dilution due to the high concentration of target compounds. The RLs for the non-detect compounds are the lowest achievable at the diluted level. Results reported by the laboratory with a 'J' qualifier have concentrations between the method detection limit and RL. Those results being reported from a secondary dilution (where an undiluted analysis was performed initially) have been qualified 'D'.

The relative percent differences (RPD) between the parent samples B-32M/field duplicate FD-042021 were acceptable (i.e., < 25%), therefore no data qualification was necessary.

Results qualified 'U' are considered non-detect. All data are usable as reported.

3.2 Data Summary

All samples collected during the Spring 2021 sampling event were submitted to the analytical laboratory for VOC analysis using EPA Method 8260C (SW-846). The Method 8260C analytical reports provided results for selected halogenated VOCs. The Spring 2021 VOC analytical results are

summarized in Table 5. Six locations (B-8M, B-13M, B-18M, B-19M, PW-3 and P-4) were also analyzed for ferric and ferrous iron (dissolved) by Method SM3500, total iron by USEPA Method 6010C, MEE by USEPA RSK 175, sulfate by USEPA Method 300.2, and TOC by Standard Method 5310C. The Spring 2021 MNA analytical results are summarized in Table 6. The analytical laboratory reports, including COC records, are presented in Appendix B. Appendix C provides concentration vs. time plots using analytical results for the sampling events from January 2001 through the Spring 2021 sampling event. The Spring 2021 sample results have been incorporated into the project water quality database presented in Appendix D.

3.2.1 Groundwater Data Summary

The VOC results for this round of groundwater sampling were generally consistent with historical concentrations. In the TOR Zone and Zone 1, total concentrations of dissolved VOCs generally ranged from below the analytical detection limits to greater than 1,000 micrograms per liter (µg/L). 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 2021 were generally consistent with historical results. Comments for wells where groundwater concentrations of one or more VOCs were above 1,000 µg/L during Spring 2021 or where concentrations or trends varied from recent and historical monitoring data are provided below.

As noted below, data for some wells is compared to the recent PW-3 area in situ treatment Pilot Study program conducted July 2018 through January 2019 (MNA monitoring through Fall 2020). Detailed results for the 2018/2019 pilot study were provided to NYSDEC in a letter report dated March 21, 2019. Associated post-injection monitoring data are included in Appendices C and D. During the Spring 2021 event, baseline VOCs and MNA sampling was collected in the areas of PW-3 and P-4 for an additional sequestration pilot study consisting of injections that took place May 17 through 21, 2021. On May 19, 2021, PW-3 and P-4 recovery wells were turned off due to the sequestration pilot study and currently remain off. Detailed results for the 2021 pilot study will be provided to NYSDEC following completion of the pilot injections and post-injection monitoring.

TOR and Zone 1:

- B-8M
 - o B-8M is located in the area of the PW-3. In April 2021, B-8M was sampled for VOCs and select MNA parameters as part of the baseline monitoring for the 2021 sequestration pilot study monitoring program.
 - o TCE – TCE has been observed at a long-term average concentration of approximately 39,000 µg/L since January 2001. The Spring 2021 TCE result of 5,100 µg/L is less than the Fall 2020 result of 37,000 µg/L but similar to the Spring 2020 result of 7,500 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 2021 result remains below the long-term average.
 - o Total 1,2-DCE – Total 1,2-DCE concentration in Spring 2021 of 470 µg/L was lower than the Fall 2020 result of 3,400 µg/L. The post-PW-3 Pilot Study data for 2018 and through Fall 2020 data represented a general increase compared to pre-PW-3 Pilot Study long-term average for this location. The Spring 2020 result is less than historical long-term data results. The ratio of total 1,2-DCE to TCE which had increased in 2019 following the Pilot Study, indicating a potential relationship to the Pilot Study, has fallen to pre-injection levels. This trend will continue to be monitored and evaluated.

- B-13M
 - o B-13M is located adjacent to and hydraulically controlled by recovery well P-4. In April 2021, B-13M was sampled for VOCs and select MNA parameters as part of the baseline monitoring for the 2021 sequestration pilot study monitoring program.
 - o TCE – The TCE concentration of 810 µg/L for Spring 2021 is within the long-term range for this location (see Appendix D).
 - o Total 1,2-DCE – Total 1,2-DCE concentration of 630 µg/L is similar to Fall 2020 (580 µg/L) and within 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 – TCE concentration of 1,500 µg/L is lower than Fall 2020 (3,900 µg/L) and remains below the long-term average at this location.
 - o Total 1,2-DCE – Total 1,2-DCE concentration of 4,100 µg/L is similar to Fall 2020 (3,000 µg/L) and remains below the long-term average for this location.
 - o Total VOCs – Spring 2021 total VOCs (8,135 µg/L) is below the long-term average for total VOCs in groundwater (16,000 µg/L) at this location. The Spring 2021 result is consistent with long-term decreasing trend in total VOCs at this location.
- P-2
 - o 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.
 - o TCE – The TCE concentration of 1,800 µg/L was within the historical range for this location.
 - o Total 1,2-DCE – Total 1,2-DCE concentration of 470 µg/L was within the historical range for this location.
 - o Total VOCs – Total VOCs concentration of 3,004 µg/L was below the average over the past decade (approximately 5,000 µg/L) at this location, largely driven by TCE. As noted above, the relationship between groundwater elevation and VOCs concentrations will continue to be evaluated.
- P-4
 - o In April 2021, recovery well P-4 was sampled for VOCs and select MNA parameters as part of the baseline monitoring for the 2021 sequestration pilot study monitoring program.
 - o TCE – TCE concentration of 1,800 µg/L was consistent with previous semi-annual results. TCE concentrations at this location will continue to be evaluated through additional sampling events following the 2021 pilot study in this area.
 - o Total 1,2-DCE – Total 1,2-DCE concentration in Spring 2021 (680 µg/L) was slightly above the average over the past decade (approximately 500 µg/L) but otherwise consistent with previous semi-annual results.
 - o Total VOCs – Total VOCs concentration of 2,561 µg/L is consistent with recent results and is within the historical range.

- PW-1
 - o TCE – TCE concentration of 15,000 µg/L was above Fall 2020 (740 µg/L) and well above the average over the past decade (approximately 1,800 µg/L) observed at this location. Concentrations at this location are noted to be variable.
 - o Total 1,2-DCE – Total 1,2-DCE concentration of 2,200 µg/L was above Fall 2020 (120 µg/L) and is above the average over the past decade (approximately 400 µg/L) at this location. Concentrations at this location are noted to be variable.
 - Total VOCs – Total VOCs concentration of 17,200 µg/L was above Fall 2020 (866 µg/L) and is above the long-term average range observed at this location. Concentrations at this location are noted to be variable.
- PW-3
 - o In April 2021, recovery well PW-3 was sampled for VOCs and select MNA parameters as part of the baseline monitoring for the 2021 sequestration pilot study monitoring program.
 - o TCE – The Spring 2021 TCE concentration of 8,200 µg/L was the highest observed at this location, and an increase from recent results that were below long-term average following the 2018 PW-3 Pilot Study.
 - o Total 1,2-DCE – Spring 2021 total 1,2-DCE concentration of 8,900 µg/L was the highest reading observed at this location. As noted earlier, an increase in total 1,2-DCE has been observed at this location since the completion of the PW-3 area Pilot Study in 2018/2019. The relationship between the ratio of TCE and total 1,2-DCE following the PW-3 area Pilot Study will continue to be evaluated.
 - o Total VOCs – Total VOCs concentration of 18,928 µg/L was the highest observed at this location. The relationship between total VOC concentrations and the PW-3 area Pilot Study will continue to be evaluated.
- PW-4
 - o TCE – The Spring 2021 TCE concentration (1,600 µg/L) was the highest observed at this location and above the average over the last decade (approximately 200 µg/L).
 - o Total 1,2-DCE – Spring 2020 total 1,2-DCE concentration of 300 µg/L is above the average over the last decade (approximately 140 µg/L.)
 - o Total VOCs – Total VOCs concentration of 1,929 µg/L is an increase compared to the Fall 2020 results (763 µg/L) as well as above the long-term average at this location.
 - o 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.

Zone 2:

- B-39M
 - o Total VOCs – Total VOCs concentration of 10.3 µg/L was higher than Spring 2020 (3.05 µg/L) and was approximately equal to the average at this location over the past decade.

- B-46M
 - o Total VOCs – Total VOCs concentration of 81 µg/L was below Spring 2020 (133 µg/L) and below the long-term average at this location.
- B-50M
 - o Total VOCs – Total VOCs concentration of 115 µg/L was less than Fall 2020 (130 µg/L) and approximately equal to the average over the last decade.
- B-56M
 - o TCE – TCE concentration of 230 µg/L was greater than Spring 2020 (98 µg/L) The Spring 2021 concentration was above the long-term average at this location.
 - o Total VOCs – Total VOCs concentration of 284 µg/L was greater than Spring 2020 (115 µg/L). The Spring 2021 concentration was above the long-term average at this location.

Zone 3:

- B-18M
 - o Well B-18M is located within the 2018/2019 Pilot Study area and 2021 sequestration pilot study area influenced by pumping well PW-3 and is screened within bedrock zone 3.
 - o TCE – Spring 2021 TCE concentration of non-detect was consistent with the long-term trend at this location.
 - o Total 1,2-DCE – Spring 2021 total 1,2-DCE concentration of 79 µg/L was within the historical range for this location.
 - o Total VOCs – Total VOCs concentration of 100 µg/L was above the long-term average (60 µg/L) at this location.

3.2.2 VWCC T-002 Data Summary

As discussed in Section 2.2, a grab sample of purge water was collected from VWCC T-002. TCE, cis-1,2-DCE, and VC were detected within historical ranges.

3.2.3 Niagara Quarry Seep and Pond Data Summary

As discussed in Section 2.2, a ponded surface water sample was collected at the Niagara Quarry. Chloroform (0.58 µg/L) was identified above the analytical detection limits in the sample from the quarry pond surface water. These results are consistent with historical results. In previous communications with the landowner, NYSDEC has indicated that there appears to be no health risk associated with the quarry seeps.

4.0 Summary of O&M Activity

During the reporting period, routine maintenance was conducted on the groundwater recovery and treatment system to facilitate operations. Non-routine system maintenance and repairs performed during this reporting period included:

- Replaced bag filters associated with VWCC portion of GRS on three occasions;
- Performed backwash of carbon beds on two occasions;
- Replaced pre-carbon bag filters for GRS on four occasions;
- Replaced the level transducer on PW-3;
- Cleaned flowmeter on PW-3 on two occasions;
- Replaced coupler insert on P-805A pump;
- Greased all pumps and motors;
- Freed a stuck float on Vault #1 pump on one occasion.

Table 7 summarizes the GRS performance and system uptime for the period January 1 through May 31, 2021. The combined average system uptime, based on operational hours relative to total hours for the reporting period, was 96 percent. PW-3 and P-4 were turned off on May 19, 2021 prior to starting injections for a sequestration pilot study to evaluate the performance of emulsified zero-valent iron (EZVI™) to enhance control of VOC-impacted groundwater in the areas around those pumping wells.

5.0 Effluent and Permit Compliance Summary

During the period January 1 through May 31, 2021, approximately 6.01 million gallons of groundwater were recovered and treated, including water from the vaults in the Metaullics facility.

The average pumping rate from the system this period was approximately 27.6 gallons per minute. The total extracted mass of VOCs this reporting period was 603 pounds. The extracted mass was estimated using individual well pumping rates and semi-annual sampling analytical results.

Effluent samples were collected on a weekly basis at the OU1 outfall sample port (01A) inside the treatment building. Weekly sample parameters were in accordance with New York State Pollution Discharge Elimination System (SPDES) permit NY0001988. Sample analyses were performed by ETAL Canton, OH (all parameters except phenol) and ALS Environmental, Rochester, NY (phenols only). Monthly discharge monitoring reports (DMR) were provided to NYSDEC in compliance with the SPDES permit. The DMRs documented the analytical results from the effluent samples. All analytical results were compliant with the SPDES permit conditions.

Treated groundwater was discharged to Cayuga Creek outfall OU1 in accordance with SPDES permit NY0001988. 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. AECOM contacted NYSDEC on September 12, 2018 to inquire as to status of renewal and NYSDEC responded that correspondence would be sent to contacts on the SPDES permit; no correspondence has been received since the October 11, 2016 letter. The permit renewal was still pending as of the end of this reporting period (May 31, 2021).

6.0 Summary and Conclusions

OM&M activities were performed in accordance with approved documents and manuals. As part of the OM&M activities this period, the Spring semi-annual (expanded annual list) groundwater sampling and routine GRS OM&M and SPDES compliance sampling were performed. The following items summarize key OM&M activities this period:

- To the extent possible, the groundwater recovery and treatment system was operated continuously throughout the reporting period. Uptime of the GRS for the period was greater than 96 percent.
- Groundwater elevations and flow paths were consistent with historical patterns.
- Operation of the GRS continued throughout the period to facilitate migration control and continuous source control within the TOR Zone and Zone 1.
- Operation of the GRS continued to maintain the capture zones in the vicinity of the extraction wells.
- Collection of water from Vaults 1 and 3 at the Metaullics facility remains operational via the VWCC system. Vault 2 was decommissioned in September 2017.
- Groundwater concentrations monitored in Spring 2021 were generally consistent with recent data, with some variability but within historical norms observed for samples in TOR/bedrock zone 1 wells B-8M, B-13M, B-17M, P-2, PW-3, PW-4; bedrock zone 2 wells B-39M, B-46M, B-50M, and B-56M; and bedrock zone 3 wells B-18M.
- Pumping wells PW-3 and P-4 were turned off on May 17, 2021 as part of the sequestration pilot study and remained off through the end of the reporting period.
- Niagara Quarry pond surface water concentrations are at non-detect levels except for a very low- level detection for chloroform, consistent with historical results.
- Based on the data review described in this report, the laboratory analytical data are considered valid for their intended use.
- DMRs were provided to NYSDEC on a monthly basis in accordance with the SPDES permit. The discharge data were within the compliance parameters for each monthly reporting period.

The next round of semi-annual groundwater sampling will be performed Fall 2021. NYSDEC will be provided at least seven-day notice in advance of the sampling event.

OM&M of the GRS will continue in accordance with the OM&M Plan (revised April 2015). Weekly SPDES sampling and submittal of monthly DMRs will continue in accordance with SPDES permit NY0001988.

Tables

Table 1
Groundwater Monitoring Well Network and Sampling Frequency
Former Carborundum Facility
Sanborn, New York

Well No.	Annual Sampling (Spring)	Semi-annual Sampling (Fall)	Zone Monitored
B-3M	X	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-33M	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. X indicates that groundwater sampling will be performed using low-flow sampling methods.
2. Wells to be sampled for VOCs only. MNA parameters may be added at a later date pending refinement of site conceptual model.
3. Groundwater levels are to be collected from all wells on a quarterly basis. All wells not shown here.

Table 2A

Quarterly Groundwater Elevation Data - 1Q21 (March 24, 2021)
 Annual Sampling - Spring 2021
 Former Carborundum Facility
 Sanborn, New York

Monitoring Well ID	Zone Monitored ¹	1Q2021 - March 24, 2021			Remarks
		Top of Riser Elevation (ft)	Water Level (ft)	Groundwater Elevation (ft)	
P-2	1	619.67	19.78	599.89	
P-3	1	627.35	26.79	600.56	
P-4	TOR, 1	624.45	26.09	598.36	
PW-1	1	619.78	16.01	603.77	
PW-3	TOR	618.28	8.48	609.80	
PW-4	TOR, 1	620.84	9.80	611.04	
B-3M	TOR	625.59	17.06	608.53	
B-4M	TOR	622.24	20.73	601.51	
B-5M	TOR	620.83	9.52	611.31	
B-6M	TOR, 1	615.69	6.68	609.01	
B-7M	TOR	616.22	7.11	609.11	
B-8M	TOR, 1	618.57	7.36	611.21	
B-9M	TOR	623.03	9.54	613.49	
B-10M	TOR, 1	626.05	11.37	614.68	
B-11M	1	622.81	11.00	611.81	
B-12M	TOR	622.17	13.29	608.88	
B-13M	TOR, 1	626.70	22.91	603.79	
B-14M	TOR	618.25	6.93	611.32	
B-15M	TOR, 1	623.98	10.10	613.88	
B-16M	TOR, 1	624.31	12.72	611.59	
B-17M	TOR, 1	622.07	13.95	608.12	
B-18M	3	618.69	8.43	610.26	
B-19M	3	626.01	19.31	606.70	
B-20M	3	615.32	8.25	607.07	
B-21M	TOR, 1	622.56	11.04	611.52	
B-22M	TOR, 1	622.29	23.31	598.98	
B-23M	TOR, 1	617.71	22.57	595.14	
B-24M	TOR, 1	617.24	12.22	605.02	
B-25M	TOR	619.31	11.81	607.50	
B-26M	TOR, 1	618.06	9.59	608.47	
B-27M	TOR, 1	626.04	15.22	610.82	
B-28M	1	622.62	21.48	601.14	
B-29M	1, 2	618.31	27.21	591.10	
B-31M	3	613.78	8.16	605.62	
B-32M	1	619.35	NA	NA	found damaged Sept 2018; no riser pipe
B-33M	1	612.43	20.92	591.51	
B-37M	TOR	616.90	14.11	602.79	
B-38M	1 2	609.81	27.52	582.29	
B-39M	2	626.12	14.54	611.58	
B-40M	3	626.23	15.39	610.84	
B-41M	4	626.31	16.48	609.83	
B-42M	2	623.76	12.47	611.29	
B-43M	3	623.64	14.25	609.39	
B-44M	4	623.29	15.63	607.66	
B-45M	1	612.12	19.64	592.48	
B-46M	2	613.46	21.02	592.44	
B-48M	2	625.40	14.51	610.89	
B-49M	4	625.56	22.53	603.03	
B-50M	2	616.47	7.81	608.66	
B-51M	4	616.48	NM	NA	blockage at 2' below inner casing
B-52M	TOR, 1	616.26	7.62	608.64	
B-53M	2	616.14	7.54	608.60	
B-54M	4	616.00	7.61	608.39	
B-55M	5	615.59	22.36	593.23	
B-56M	2	617.78	22.76	595.02	
B-57M	2	617.80	25.19	592.61	
B-58M	3	617.99	22.21	595.78	
B-59M	4	625.53	18.09	607.44	
B-60M	3	625.67	14.34	611.33	
B-61M	2	625.72	13.65	612.07	
B-62M	5	624.14	4.98	619.16	
B-63M	1	624.04	12.07	611.97	
B-64M	2	624.05	12.28	611.77	
B-65M	3	623.98	12.71	611.27	
B-66M	2	625.54	NM	NA	blocked by pallet stack
B-67M	1	625.59	13.01	612.58	
PS-01	TOR	NM	7.26	NA	
PS-02	TOR	NM	4.94	NA	

Notes:

1. Zone monitored indicates bedrock zone monitored, top of rock (TOR), 1, 2, 3, 4, or 5.

NM - not measured

NA - not applicable

ft - feet

Table 2B

Quarterly Groundwater Elevation Data - 2Q21 (June 1, 2021)
Annual Sampling - Spring 2021
Former Carborundum Facility
Sanborn, New York

Monitoring Well ID	Zone Monitored ¹	2Q2021 - June 1, 2021			Remarks
		Top of Riser Elevation (ft)	Water Level (ft)	Groundwater Elevation (ft)	
P-2	1	619.67	26.00	593.67	
P-3	1	627.35	25.93	601.42	
P-4	TOR, 1	624.45	21.41	603.04	pumping well off for 2021 injection pilot
PW-1	1	619.78	17.63	602.15	
PW-3	TOR	618.28	9.00	609.28	pumping well off for 2021 injection pilot
PW-4	TOR, 1	620.84	12.87	607.97	
B-3M	TOR	625.59	18.78	606.81	
B-4M	TOR	622.24	21.62	600.62	
B-5M	TOR	620.83	12.78	608.05	
B-6M	TOR, 1	615.69	8.92	606.77	
B-7M	TOR	616.22	9.60	606.62	
B-8M	TOR, 1	618.57	9.34	609.23	
B-9M	TOR	623.03	11.64	611.39	
B-10M	TOR, 1	626.05	13.30	612.75	
B-11M	1	622.81	13.88	608.93	
B-12M	TOR	622.17	15.35	606.82	
B-13M	TOR, 1	626.70	23.81	602.89	
B-14M	TOR	618.25	9.94	608.31	
B-15M	TOR, 1	623.98	11.92	612.06	
B-16M	TOR, 1	624.31	15.88	608.43	
B-17M	TOR, 1	622.07	16.10	605.97	
B-18M	3	618.69	11.36	607.33	
B-19M	3	626.01	22.17	603.84	
B-20M	3	615.32	9.92	605.40	
B-21M	TOR, 1	622.56	14.09	608.47	
B-22M	TOR, 1	622.29	26.80	595.49	
B-23M	TOR, 1	617.71	24.74	592.97	
B-24M	TOR, 1	617.24	13.88	603.36	
B-25M	TOR	619.31	14.10	605.21	
B-26M	TOR, 1	618.06	11.95	606.11	
B-27M	TOR, 1	626.04	17.90	608.14	
B-28M	1	622.62	23.63	598.99	
B-29M	1 2	618.31	29.16	589.15	
B-31M	3	613.78	9.71	604.07	
B-32M	1	619.35	NM	NA	found damaged Sept 2018; no riser pipe
B-33M	1	612.43	22.84	589.59	
B-37M	TOR	616.90	16.29	600.61	
B-38M	1 2	609.81	28.24	581.57	
B-39M	2	626.12	17.69	608.43	
B-40M	3	626.23	18.32	607.91	
B-41M	4	626.31	19.32	606.99	
B-42M	2	623.76	15.65	608.11	
B-43M	3	623.64	17.11	606.53	
B-44M	4	623.29	18.32	604.97	
B-45M	1	612.12	21.55	590.57	
B-46M	2	613.46	24.00	589.46	
B-48M	2	625.40	17.44	607.96	
B-49M	4	625.56	25.11	600.45	
B-50M	2	616.47	10.19	606.28	
B-51M	4	616.48	NM	NA	blockage at 2' below top of inner casing
B-52M	TOR, 1	616.26	9.97	606.29	
B-53M	2	616.14	9.94	606.20	
B-54M	4	616.00	9.94	606.06	
B-55M	5	615.59	24.75	590.84	
B-56M	2	617.78	25.55	592.23	
B-57M	2	617.80	27.31	590.49	
B-58M	3	617.99	24.17	593.82	
B-59M	4	625.53	20.54	604.99	
B-60M	3	625.67	17.43	608.24	
B-61M	2	625.72	16.95	608.77	
B-62M	5	624.14	7.90	616.24	
B-63M	1	624.04	15.21	608.83	
B-64M	2	624.05	15.48	608.57	
B-65M	3	623.98	15.76	608.22	
B-66M	2	625.54	NM	NA	blocked by pallet stack
B-67M	1	625.59	15.95	609.64	
PS-01	TOR	NM	8.40	NA	
PS-02	TOR	NM	8.34	NA	

Notes:

1. Zone monitored indicates bedrock zone monitored, top of rock (TOR), 1, 2, 3, 4, or 5.

NM - not measured

NA - not applicable

ft - feet

*B-22M water level was estimated due to a water level probe malfunction.

Table 3

Groundwater Sampling Purge Data
Annual Sampling - Spring 2021
Former Carborundum Facility
Wheatfield, New York

Monitoring Well ID	Date	Time	Initial Water Level (ft)	Measured Well Bottom (ft)	Water Column Height (ft)	One Well volume (gal)	Total Volume Purged (gal)	Purge/Sample Code	Comments
P-2	4/21/2021	12:25	20.96	24.40	3.44	14	NA	3	Pumping well
P-3	4/21/2021	13:15	26.21	33.00	6.79	17.7	NA	3	Pumping well
P-4	4/21/2021	14:00	26.51	33.25	6.74	27.5	NA	3	Pumping well
PW-1	4/21/2021	12:50	16.05	33.65	17.60	103.4	NA	3	Pumping well
PW-3	4/21/2021	11:55	9.97	18.20	8.23	12.1	NA	3	Pumping well
PW-4	4/21/2021	12:35	10.49	33.40	22.91	33.7	NA	3	Pumping well
B-3M	4/27/2021	10:45	16.49	25.16	8.67	1.5	2	2	
B-6M	4/23/2021	11:35	6.65	19.17	12.52	2.1	1.5	2	
B-7M	4/20/2021	12:42	7.82	18.94	11.12	1.9	2	2	
B-8M	4/22/2021	10:18	5.11	17.90	12.79	2.2	2.5	2	
B-9M	4/27/2021	9:19	9.31	21.34	12.03	2.0	2.5	2	
B-10M	4/26/2021	11:58	11.28	28.06	16.78	2.9	4	2	
B-11M	4/27/2021	8:45	11.25	23.96	12.71	2.2	2	2	
B-12M	4/23/2021	10:10	12.60	17.94	5.34	0.9	2	2	
B-13M	4/22/2021	12:53	22.74	36.19	13.45	2.3	2	2	
B-14M	4/23/2021	12:28	7.00	15.96	8.96	1.5	2.5	2	
B-16M	4/27/2021	8:18	13.21	25.05	11.84	2.0	2.5	2	
B-17M	4/27/2021	10:30	13.64	26.20	12.56	2.1	2.5	2	
B-18M	4/22/2021	10:51	8.61	50.53	41.92	7.1	6	2	
B-19M	4/22/2021	12:58	19.36	26.15	6.79	1.2	2.5	2	
B-21M	4/26/2021	8:25	11.61	26.30	14.69	2.5	1.5	2	
B-22M	4/26/2021	9:07	23.22	36.05	12.83	2.2	3	2	
B-23M	4/20/2021	8:55	23.11	31.72	8.61	1.5	2.5	2	Field Duplicate FD-042021 collected
B-24M	4/20/2021	10:20	12.36	26.68	14.32	2.4	3	2	
B-28M	4/26/2021	10:02	21.99	34.46	12.47	2.1	6.25	3	
B-29M	4/20/2021	8:56	27.19	38.66	11.47	1.9	2	4	
B-33M	4/19/2021	15:43	21.02	26.70	5.68	1.0	1.5	2	MS/MSD
B-38M	4/19/2021	13:48	27.36	41.31	13.95	2.4	5	4	
B-39M	4/26/2021	12:10	15.19	43.98	28.79	4.9	3.5	2	
B-40M	4/26/2021	13:00	15.92	57.96	42.04	7.1	3.25	2	
B-41M	4/26/2021	12:52	16.92	72.81	55.89	9.5	3	2	
B-42M	4/20/2021	15:37	13.42	45.42	32.00	5.4	3	2	
B-43M	4/20/2021	15:00	15.07	59.41	44.34	7.5	5.5	2	
B-44M	4/20/2021	14:12	16.33	76.55	60.22	10.2	2.5	2	
B-46M	4/20/2021	11:47	21.89	40.06	18.17	3.1	2	2	
B-48M	4/22/2021	14:45	14.54	46.95	32.41	5.5	5	2	
B-49M	4/22/2021	14:37	23.19	82.60	59.41	10.1	3	2	
B-50M	4/23/2021	11:05	7.75	35.96	28.21	4.8	2	2	
B-52M	4/23/2021	9:03	7.66	22.42	14.76	2.5	2	2	
B-53M	4/23/2021	9:10	7.49	33.43	25.94	4.4	2.5	2	
B-56M	4/20/2021	10:20	23.58	39.76	16.18	2.8	3	2	
Tank-002	4/21/2021	9:35	NA	NA	NA	NA	NA	1	Equalization tank; MS/MSD
QUARRY	4/19/2021	14:20	NA	NA	NA	NA	NA	5	Pond sample

Notes:

Purge codes: 1 - Sample port purged prior to sampling.
2 - Peristaltic pump.
3 - Disposable polyethylene bailer.

4 - Bladder pump with flow through cell.
5 - Surface water grab sample.

gal - gallons
NA - Not applicable
NM - Not measured

ft - feet
MS/MSD - matrix spike/matrix spike duplicate collected

Table 4
Groundwater Sampling Field Parameter Data
Annual Sampling - Spring 2021
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	4/21/2021	12:25	9.74	1.340	7.48	2.43	Pumping well
P-3	4/21/2021	13:15	10.51	1.259	7.90	1.68	Pumping well
P-4	4/21/2021	14:00	10.90	1.547	7.32	6.63	Pumping well
PW-1	4/21/2021	12:50	11.16	1.013	7.33	2.86	Pumping well
PW-3	4/21/2021	11:55	9.61	2.853	7.66	3.26	Pumping well
PW-4	4/21/2021	12:35	9.33	1.330	7.63	15.8	Pumping well
B-3M	4/27/2021	10:45	10.31	2.814	7.14	1.38	
B-6M	4/23/2021	11:35	10.13	1.852	7.14	33.2	
B-7M	4/20/2021	12:42	9.43	0.626	7.38	40.3	
B-8M	4/22/2021	10:18	8.73	2.430	7.28	4.12	
B-9M	4/27/2021	9:19	8.90	0.624	6.84	11.96	
B-10M	4/26/2021	11:58	10.59	2.435	6.78	1.22	
B-11M	4/27/2021	8:45	9.80	2.505	7.71	3.38	
B-12M	4/23/2021	10:10	9.69	0.863	6.88	3.10	
B-13M	4/22/2021	12:53	10.09	1.784	6.86	3.22	
B-14M	4/23/2021	12:28	9.71	3.327	6.90	3.26	
B-16M	4/27/2021	8:18	9.17	1.196	6.95	10.46	
B-17M	4/27/2021	10:30	11.71	1.052	7.05	6.69	
B-18M	4/22/2021	10:51	11.05	0.719	7.21	5.13	
B-19M	4/22/2021	12:58	10.49	1.136	7.40	0.16	
B-21M	4/26/2021	8:25	10.31	0.797	7.04	9.18	
B-22M	4/26/2021	9:07	10.91	1.369	6.95	5.27	
B-23M	4/20/2021	8:55	10.45	0.662	7.24	2.54	
B-24M	4/20/2021	10:20	9.40	0.606	7.19	0.88	
B-28M	4/26/2021	10:02	10.99	1.068	7.01	90	
B-29M	4/20/2021	8:56	10.14	1.276	7.25	15.4	
B-33M	4/19/2021	15:43	11.01	0.698	7.12	8.43	
B-38M	4/19/2021	13:48	11.11	0.864	7.25	2.91	
B-39M	4/26/2021	12:10	11.95	0.887	7.23	0.62	
B-40M	4/26/2021	13:00	11.41	1.103	7.06	1.03	
B-41M	4/26/2021	12:52	11.56	0.991	7.46	1.69	
B-42M	4/20/2021	15:37	11.07	0.686	7.30	0.23	
B-43M	4/20/2021	15:00	11.47	1.082	7.30	0.44	
B-44M	4/20/2021	14:12	11.68	1.372	8.21	0.19	
B-46M	4/20/2021	11:47	10.28	0.748	7.19	0.76	
B-48M	4/22/2021	14:45	10.04	0.953	7.44	1.17	
B-49M	4/22/2021	14:37	9.29	3.222	7.25	0.82	
B-50M	4/23/2021	11:05	10.18	1.070	7.49	0.43	
B-52M	4/23/2021	9:03	8.57	1.006	7.69	19.3	
B-53M	4/23/2021	9:10	8.98	1.071	7.00	8.75	
B-56M	4/20/2021	10:20	10.04	1.088	7.04	1.53	
Tank-002	4/21/2021	9:35	12.62	2.233	6.70	12.1	Equalization tank
QUARRY	4/19/2021	14:20	15.86	1.183	8.04	3.80	Pond sample

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

Table 5

Summary of Analytical Results
Annual Sampling - Spring 2021
Former Carborundum Facility
Sanborn, New York

Well ID	Lab Sample ID	Sample Date	Carbon tetrachloride (µg/L)	Chloroform (µg/L)	1,1-Dichloroethane (µg/L)	1,1-Dichloroethene (µg/L)	Methylene chloride (µg/L)	trans-1,2-Dichloroethene (µg/L)	cis-1,2-Dichloroethene (µg/L)	total-1,2-Dichloroethene (µg/L)	1,1,1-Trichloroethane (µg/L)	Trichloroethene (µg/L)	Vinyl chloride (µg/L)	Tetrachloroethene (µg/L)
B- 3M	240-148317-11	4/27/2021	0	0	4.5 J	2.3 J	0	3.4 J	300	303.4	2.8 J	340	0	1.5 J
B- 6M	240-148185-5	4/23/2021	0	0	0	0	4.4 J	0	1.6	1.6	0	9.1	0	0
B- 7M	240-147939-10	4/20/2021	0	0	0	0	0	0	1.3	1.3	0	3.5	0	0
B- 8M	240-148022-1	4/22/2021	0	0	0	0	0	0	470	470	0	5100	0	0
B- 9M	240-148317-10	4/27/2021	0	0	0	0	0	0	0	0	0	0.35 J	0	0.52 J
B-10M	240-148317-7	4/26/2021	0	0	0.29 J	0	0	0.27 J	1.7 D	1.97	2.1	14 D	0	0
B-11M	240-148317-8	4/27/2021	0	0	0	0	0	0	23	23	0	210	0	9.6 J
B-12M	240-148185-3	4/23/2021	0	0	2.7 J	1.2 J	0	1.2 J	71	72.2	4.9 J	440 D	0	0
B-13M	240-148022-3	4/22/2021	0	0	16 D	7.5 J	0	7.9 J	630	637.9	4.4 J	810	16	3.0 J
B-14M	240-148185-6	4/23/2021	0	0.25 J	0	0	4.4 J	0.57 J	21	21.57	0	150 D	0	2.1
B-16M	240-148317-9	4/27/2021	0	0	0	0	0	0	0	0	0	0.10 J	0	0
B-17M	240-148317-12	4/27/2021	0	0	35 J	0	0	0	4100	4100	0	1500	2500	0
B-18M	240-148022-2	4/22/2021	0	0	0	0	0	1.0 J	79	80	0	0	20	0
B-19M	240-148022-4	4/22/2021	0	0	0.33 J	0	0	0	3	3	0	0.21 J	0.89 J	0
B-21M	240-148317-1	4/26/2021	0	0	0	0	0	0	0	0	0	0	0	0
B-22M	240-148317-6	4/26/2021	0	0.17 J	2.7	1	0	7.3	230 D	237.3	0.97 J	160 D	0.21 J	0.17 J
B-23M	240-147939-4	4/20/2021	0	0	2.1 J	0	0	1.5 J	150	151.5	0	100	21	0
B-23M (FD-042021)	240-147939-5	4/20/2021	0	0	1.9 J	0	0	1.4 J	140	141.4	0	96	19	0
B-24M	240-147939-7	4/20/2021	0	0	0	0	0	0	2	2	0	7.4	0	0
B-28M	240-148317-2	4/26/2021	0	0	0	0	0	0	0	0	0	0	0	0
B-29M	240-147939-6	4/20/2021	0	0	0	0	0	0	1.8	1.8	0	0	0	0
B-33M	240-147939-3	4/19/2021	0	0	0	0	0	0	0	0	0	0	0	0
B-38M	240-147939-1	4/19/2021	0	0	0.76 J	1.3	0	0.60 J	37	37.6	0	22	3.7	0
B-39M	240-148317-3	4/26/2021	0	0	0	0	0	0	2.5	2.5	0	7.8	0	0
B-40M	240-148317-4	4/26/2021	0	0	0	0	0	0	0.84 J	0.84 J	0	0.57 J	0	0
B-41M	240-148317-5	4/26/2021	0	0	0	0	0	0	4.3	4.3	0	0.37 J	0	0
B-42M	240-147939-13	4/20/2021	0	0	0	0	0	1.1	7.1	8.2	0	3.8	0.70 J	0
B-43M	240-147939-12	4/20/2021	0	0	0.24 J	0	0	0	3.4	3.4	0	0	7.3	0
B-44M	240-147939-11	4/20/2021	0	0	1.8	0	0	0	0.24 J	0.24 J	0	0.13 J	0.44 J	0
B-46M	240-147939-9	4/20/2021	0	0.58 J	0.52 J	0.21 J	0	1.4	47	48.4	0.28 J	28	3.4	0
B-48M	240-148022-6	4/22/2021	0	0	0	0	0	0	0.34 J	0.34 J	0	0.72 J	0	0
B-49M	240-148022-5	4/22/2021	0	0	0.32 J	0	0	0	0.68 J	0.68 J	0	0.11 J	0	0
B-50M	240-148185-4	4/23/2021	0	0	0	0	0	1.5 J	20	21.5	0	94	0	0
B-52M	240-148185-1	4/23/2021	0	0	0	0	4.5 J	0	0	0	0	0	0	0
B-53M	240-148185-2	4/23/2021	0	0	0	0	4.5 J	0	2	2	0	5.4	0	0
B-56M	240-147939-8	4/20/2021	0	0	0	0	0	1.9 J	52	53.9	0	230	0	0
P- 2	240-147939-15	4/21/2021	0	0	80 J	24 J	0	0	470	470	630	1800	0	0
P- 3	240-147939-16	4/21/2021	0	0	0.33 J	0.29 J	0	3.7	41	44.7	0	1.6	3.2	0
P- 4	240-147939-17	4/21/2021	0	0	39 J	12 J	0	13 J	680	693	17 J	1800	0	0
PW- 1	240-147939-18	4/21/2021	0	0	0	0	0	0	2200	2200	0	15000	0	0
PW- 3	240-147939-19	4/21/2021	0	0	0	67 J	0	61 J	8900	8961	0	8200	1700	0
PW- 4	240-147939-20	4/21/2021	0	0	0	0	0	0	300	300	29 J	1600	0	0
QUARRY POND	240-147939-2	4/19/2021	0	0.58 J	0	0	0	0	0	0	0	0	0	0
T-002	240-147939-14	4/21/2021	0	0	22	4.9 J	0	3.8 J	710	713.8	0	320	42	0

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.

D - Result reported from a secondary dilution.

0 - not detected

Table 6

Summary of Monitored Natural Attenuation Analytical Results
Annual Sampling - Spring 2021
Former Carborundum Facility
Sanborn, New York

Compound	Units	B-8M	B-13M	B-18M	B-19M	PW-3	P-4
FERROUS IRON (field)	mg/L	0.00	0.00	0.00	0.22	0.02	0.00
FERROUS IRON (Dissolved)	mg/L	ND	ND	ND	ND	ND	ND
FERRIC IRON (Dissolved)	mg/L	0.37	0.070 J	0.050 J	0.22	ND	0.68
IRON (Total Recoverable)	µg/L	370	70 J	50 J	220	ND	680
METHANE	µg/L	2.3	1.2	2.8	8.7	66	0.26 J
ETHANE	µg/L	0.89 J	0.39 J	0.59 J	0.96 J	9.0	0.32 J
ETHENE	µg/L	0.67 J	0.39 J	1	ND	110	ND
SULFATE (AS SO ₄)	mg/L	180	370	220	480	110	140
TOTAL ORGANIC CARBON	mg/L	3.4	2.0	1.4	1.4	5.5	2.1
Microbial Analyses							
1,1 DCA Reductase	cells/mL	NA	NA	NA	NA	NA	ND
1,2 DCA Reductase	cells/mL	NA	NA	NA	NA	NA	ND
BAV1 Vinyl Chloride Reductase	cells/mL	NA	NA	NA	NA	NA	5.98E+02
cerA Reductase	cells/mL	NA	NA	NA	NA	NA	7.70+E00 J
Chloroform Reductase	cells/mL	NA	NA	NA	NA	NA	1.29E+02
Dehalobacter DCM	cells/mL	NA	NA	NA	NA	NA	7.52E+03
Dehalobacter spp.	cells/mL	NA	NA	NA	NA	NA	1.16E+05
Dehalobium chlorohercia	cells/mL	NA	NA	NA	NA	NA	5.63E+04
Dehalococcoides spp.	cells/mL	NA	NA	NA	NA	NA	8.66E+04
Dehalogenimonas spp.	cells/mL	NA	NA	NA	NA	NA	5.61E+04
Desulfitobacterium spp.	cells/mL	NA	NA	NA	NA	NA	9.89E+04
Desulfuromonas spp.	cells/mL	NA	NA	NA	NA	NA	1.38E+03
Dichloromethane Dehalogenase	cells/mL	NA	NA	NA	NA	NA	ND
Epoxyalkane Transferase	cells/mL	NA	NA	NA	NA	NA	2.16E+04
Ethene Monooxygenase	cells/mL	NA	NA	NA	NA	NA	6.80E+03
Methanogens	cells/mL	NA	NA	NA	NA	NA	ND
PCE Reductase 1	cells/mL	NA	NA	NA	NA	NA	7.64E+02
PCE Reductase 2	cells/mL	NA	NA	NA	NA	NA	1.10E+04
Phenol Hydroxylase	cells/mL	NA	NA	NA	NA	NA	5.10E+04
Soluble Methane Monooxygenase	cells/mL	NA	NA	NA	NA	NA	ND
Sulfate Reducing Bacteria	cells/mL	NA	NA	NA	NA	NA	1.67E+06
tceA Reductase	cells/mL	NA	NA	NA	NA	NA	4.54E+04
Toluene Dioxygenase	cells/mL	NA	NA	NA	NA	NA	ND
Toluene Monooxygenase	cells/mL	NA	NA	NA	NA	NA	6.61E+04
Toluene Monooxygenase 2	cells/mL	NA	NA	NA	NA	NA	3.67E+04
Total Eubacteria	cells/mL	NA	NA	NA	NA	NA	3.15E+07
trans-1,2-DCE Reductase	cells/mL	NA	NA	NA	NA	NA	ND
Trichlorobenzene Dioxygenase	cells/mL	NA	NA	NA	NA	NA	ND
Vinyl Chloride Reductase	cells/mL	NA	NA	NA	NA	NA	2.13E+04

mg/L - milligram per liter

µg/L - microgram per liter

mL - milliliter

ND - not detected

NA - not analyzed

Table 7

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

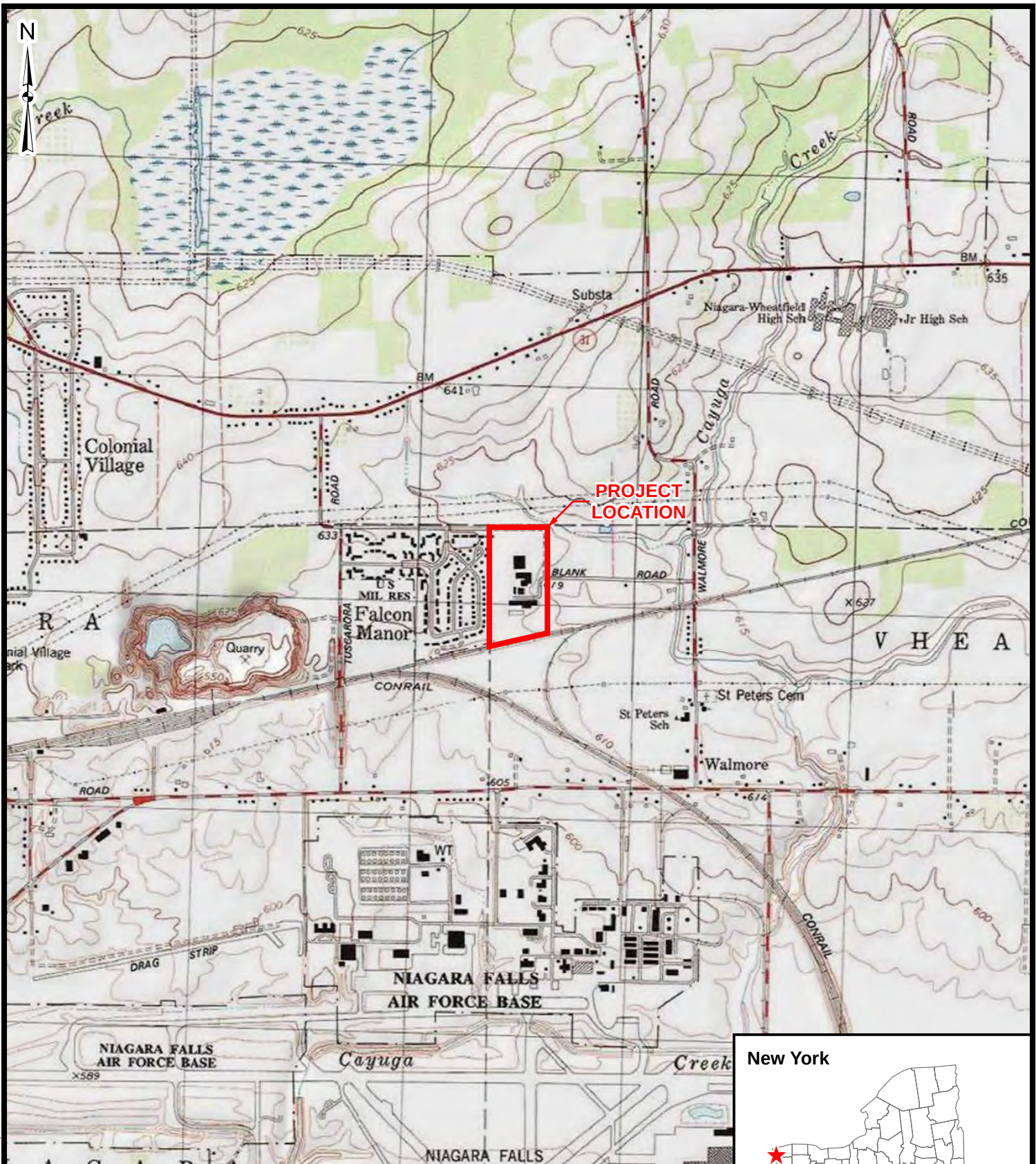
Well	Category	Units	June 2020	July 2020	August 2020	September 2020	October 2020	November 2020	December 2020	Annual Total 2020	January 2021	February 2021	March 2021	April 2021	May 2021	Annual Total 2021
		Days	30	31	31	30	31	30	31	366	31	28	31	30	31	151 of 365
P-2	Uptime	(%)	100%	100%	100%	100%	100%	100%	100%	97%	100%	100%	97%	100%	100%	99%
	Average Flow	(gpm)	1.5	0.9	0.8	0.6	0.5	0.3	1.3	1.2	1.6	1.0	1.9	1.0	0.9	1.3
	Total Flow	(gal)	65,756	38,544	33,763	24,192	21,534	11,938	56,216	613,706	71,324	39,224	85,571	43,984	38,194	278,297
	VOC Concentration	(ppb)	4,040	4,040	4,040	4,040	14,770	14,770	14,770	NA	14,770	14,770	14,770	3,004	3,004	NA
	Total Contaminant removed	(lbs)	2.2	1.3	1.1	0.8	2.7	1.5	6.9	22.5	8.8	4.8	10.5	1.1	1.0	26.2
	% of Total Flow		2.81%	2.01%	1.64%	1.19%	0.93%	0.71%	2.10%	2.19%	3.38%	2.11%	3.35%	2.18%	2.11%	2.62%
P-3	Uptime	(%)	100%	100%	100%	100%	100%	100%	100%	96%	100%	100%	100%	100%	100%	100%
	Average Flow	(gpm)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	Total Flow	(gal)	1,021	588	320	158	112	62	112	7,818	405	284	748	561	494	2,492
	VOC Concentration	(ppb)	39	39	39	39	34	34	34	NA	34	34	34	50	50	NA
	Total Contaminant removed	(lbs)	0.0003	0.0002	0.0001	0.0001	0.0000	0.0000	0.0000	0.0	0.0001	0.0001	0.0002	0.0002	0.0002	0.0
	% of Total Flow		0.04%	0.03%	0.02%	0.01%	0.00%	0.00%	0.00%	0.03%	0.02%	0.02%	0.03%	0.03%	0.03%	0.02%
P-4	Uptime	(%)	100%	100%	100%	100%	100%	100%	100%	96%	100%	100%	100%	100%	42%	88%
	Average Flow	(gpm)	1.0	0.4	0.3	0.2	0.0	0.0	0.0	0.8	0.3	0.4	1.1	0.8	0.6	0.6
	Total Flow	(gal)	42,445	18,993	15,445	8,850	790	315	629	400,043	15,164	16,542	48,421	33,063	24,918	138,108
	VOC Concentration	(ppb)	2,262	2,262	2,262	2,262	1,365	1,365	1,365	NA	1,365	1,365	1,365	2,561	2,561	NA
	Total Contaminant removed	(lbs)	0.8	0.4	0.3	0.2	0.0	0.0	0.0	7.9	0.2	0.2	0.6	0.7	0.5	2.2
	% of Total Flow		1.82%	0.99%	0.75%	0.44%	0.03%	0.02%	0.02%	1.47%	0.72%	0.89%	1.89%	1.64%	1.37%	1.30%
PW-1	Uptime	(%)	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
	Average Flow	(gpm)	51.3	41.5	45.0	46.2	51.6	38.9	58.8	48.7	45.3	44.7	54.2	44.8	39.2	45.6
	Total Flow	(gal)	2,215,563	1,854,062	2,006,765	1,996,607	2,305,483	1,680,965	2,623,193	25,675,461	2,021,673	1,802,648	2,420,323	1,935,404	1,749,743	9,929,791
	VOC Concentration	(ppb)	3,936	3,936	3,936	3,936	866	866	866	NA	866	866	866	17,200	17,200	NA
	Total Contaminant removed	(lbs)	72.7	60.9	65.9	65.5	16.7	12.1	18.9	732.9	14.6	13.0	17.5	277.6	251.0	573.7
	% of Total Flow		94.80%	96.79%	97.58%	98.36%	99.03%	99.27%	97.84%	95.95%	95.79%	96.98%	94.65%	96.08%	96.45%	95.99%
PW-3	Uptime	(%)	100%	100%	100%	100%	100%	100%	100%	100%	99%	100%	99%	100%	42%	88%
	Average Flow	(gpm)	0.3	0.1	0.0	0.0	0.0	0.0	0.0	0.2	0.0	0.0	0.0	0.0	0.0	0.0
	Total Flow	(gal)	12,371	3,317	274	41	37	0	823	101,054	2,016	0	2,195	1,256	791	6,258
	VOC Concentration	(ppb)	4,555	4,555	4,555	4,555	1,660	1,660	1,660	NA	1,660	1,660	1,660	18,928	18,928	NA
	Total Contaminant removed	(lbs)	0.5	0.1	0.0	0.0	0.0	0.0	0.0	2.5	0.0	0.0	0.0	0.2	0.1	0.4
	% of Total Flow		0.53%	0.17%	0.01%	0.00%	0.00%	0.00%	0.03%	0.36%	0.10%	0.00%	0.09%	0.06%	0.04%	0.06%
Vaults (T-002)	Uptime	(%)	99%	99%	99%	99%	99%	99%	99%	99%	99%	99%	99%	99%	99%	99%
	Average Flow	(gpm)	0.5	0.3	0.3	0.2	0.4	0.4	0.4	0.6	0.4	0.3	0.5	0.3	0.3	0.3
	Total Flow	(gal)	23,127	13,856	11,681	6,694	19,802	16,624	18,696	301,718	16,106	10,327	21,630	13,621	13,302	74,986
	VOC Concentration	(ppb)	1,262	1,262	1,262	1,262	145	145	145	NA	145	145	145	1,103	1,103	NA
	Total Contaminant removed	(lbs)	0.2	0.1	0.1	0.1	0.0	0.0	0.0	2.7	0.0	0.0	0.0	0.1	0.1	0.3
	% of Total Flow		0.99%	0.72%	0.57%	0.33%	0.85%	0.98%	0.70%	1.10%	0.76%	0.56%	0.85%	0.68%	0.73%	0.71%
Well Head	Average Flow	(gpm)	54	43	46	47	52	39	60	51	47	46	57	47	41	48
	Total Flow-Well heads	(gal)	2,337,156	1,915,504	2,056,567	2,029,848	2,327,956	1,693,280	2,680,973	26,798,082	2,110,582	1,858,698	2,557,258	2,014,268	1,814,140	10,354,946
Groundwater Remediation System Total	Uptime	(%)	100%	100%	100%	100%	100%	100%	100%	98%	100%	100%	99%	100%	81%	96%
	Average Flow	(gpm)	36.6	34.9	34.0	32.9	32.4	32.4	32.6	36.0	32.7	22.8	26.5	29.4	26.4	27.6
	Total Flow-PLC Meter	(gal)	1,580,379	1,559,610	1,518,742	1,422,700	1,448,217	1,399,000	1,457,200	18,961,341	1,457,943	919,046	1,184,414	1,271,850	1,177,277	6,010,530
	VOCs to Influent	(ppm)	16.1	16.1	16.1	16.1	18.8	18.8	18.8	16	18.8	18.8	18.8	42.8	42.8	28
	Total Contaminant Removed	(lbs)	76.5	62.8	67.4	66.6	19.3	13.6	25.9	768.5	23.6	18.1	28.6	279.8	252.7	602.8

Notes:

1. For the trailing twelve month period ending 05/31/2021.
2. Uptime estimated and reflects potential uptime.
3. Flow rates are estimated throughout the period due to meter malfunctions. PW-3 flow meter was not operating correctly in February 2021; however the pump was running. PW-3 and PW-4 were off from May 19-May 31 for the 2021 sequestration pilot study.
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.

Figures

J:\Projects\60481767_BP\PO\MISC\GIS\Sanborn\Maps\PROJECT LOCATION.mxd 3/10/2020



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

2,000 0 2,000 Feet

New York



AECOM

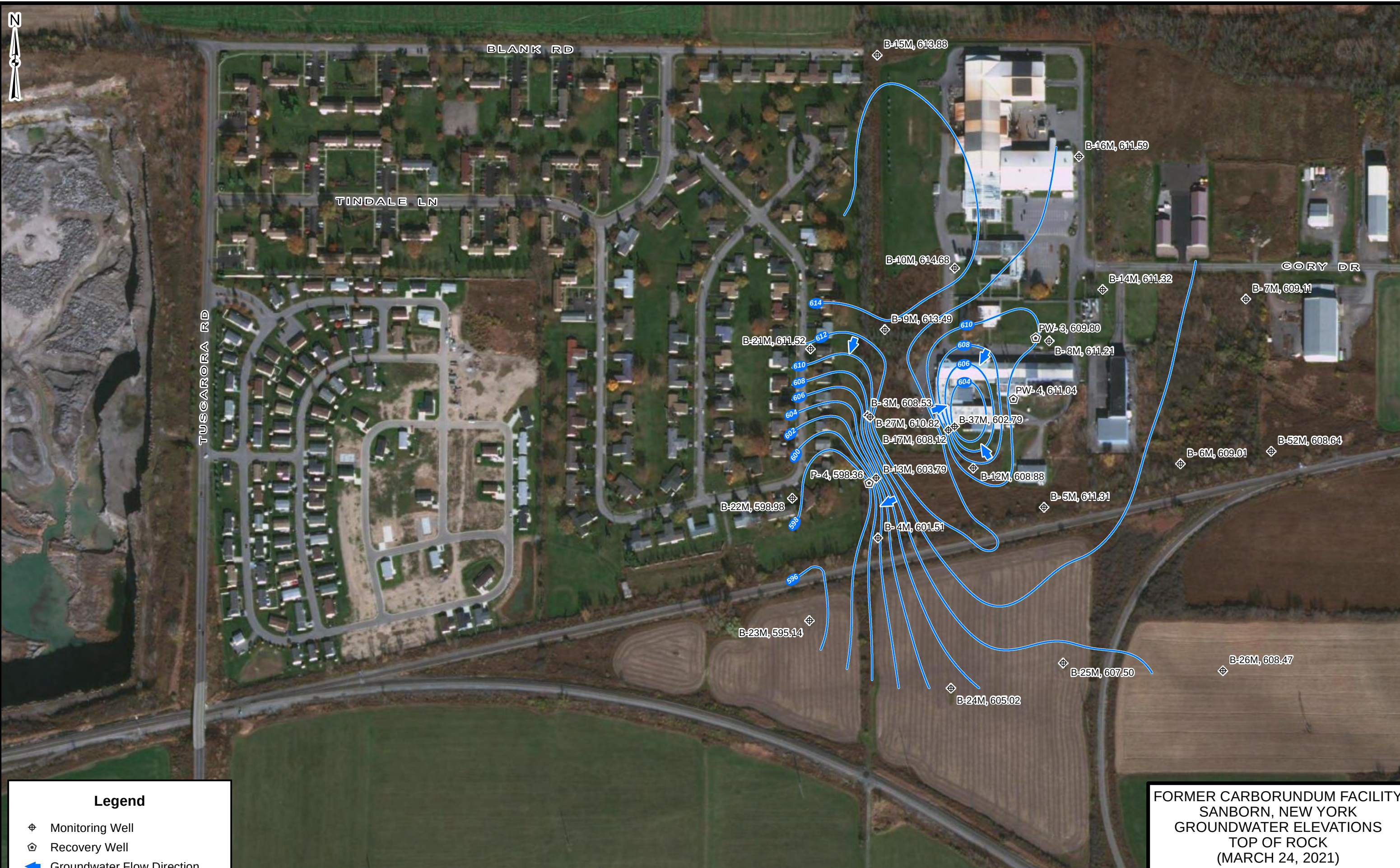
FORMER CARBORUNDUM FACILITY
SANBORN, NEW YORK
PROJECT LOCATION PLAN

FIGURE 1

J:\Projects\60481767_BP\IP\WISC\GIS\Sanborn\Maps\2019\SITE PLAN.mxd 3/10/2020



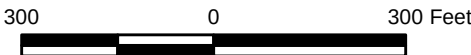
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Legend

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

Source: ESRI World Imagery

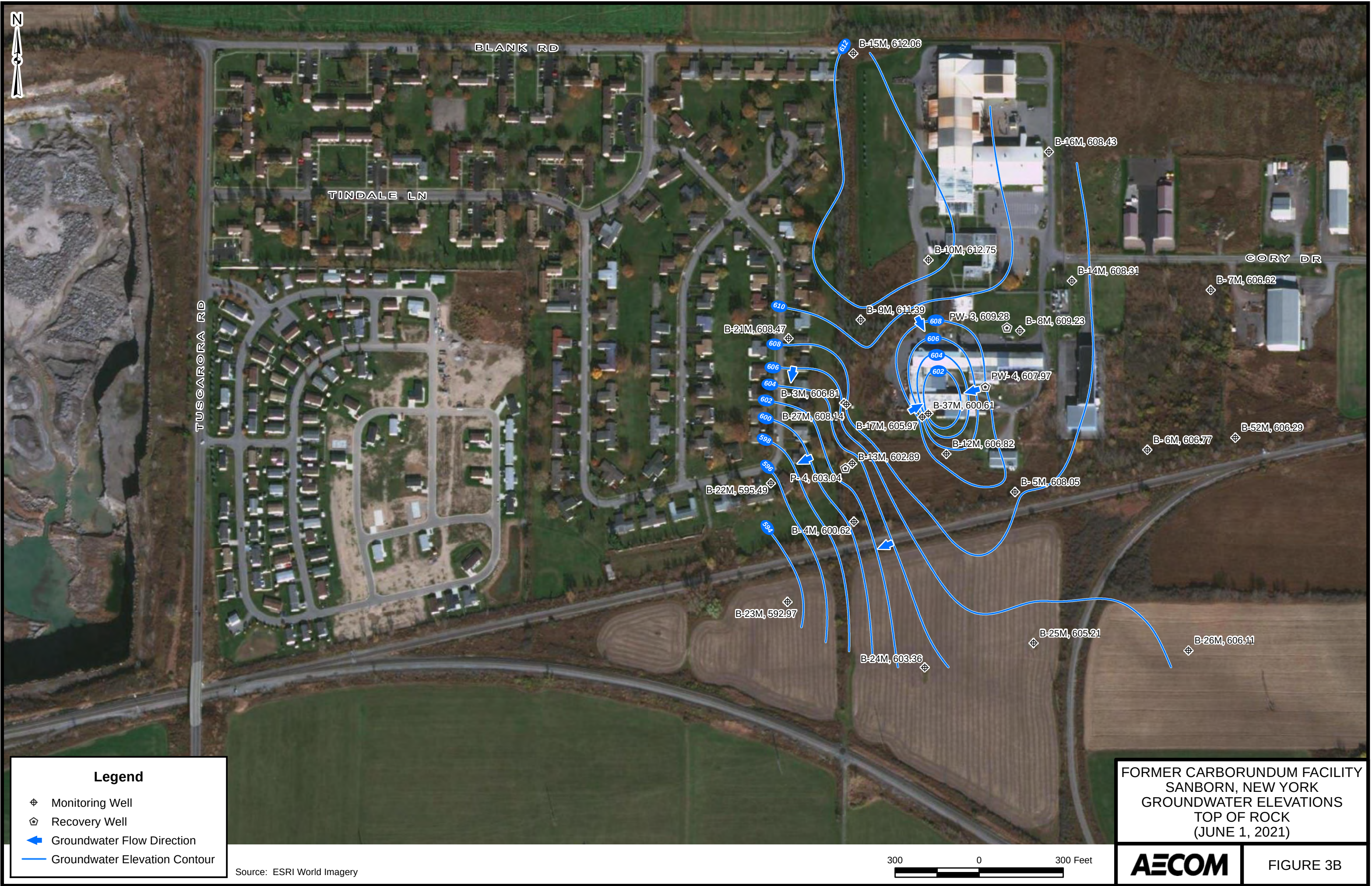


FORMER CARBORUNDUM FACILITY
SANBORN, NEW YORK
GROUNDWATER ELEVATIONS
TOP OF ROCK
(MARCH 24, 2021)

AECOM

FIGURE 3A

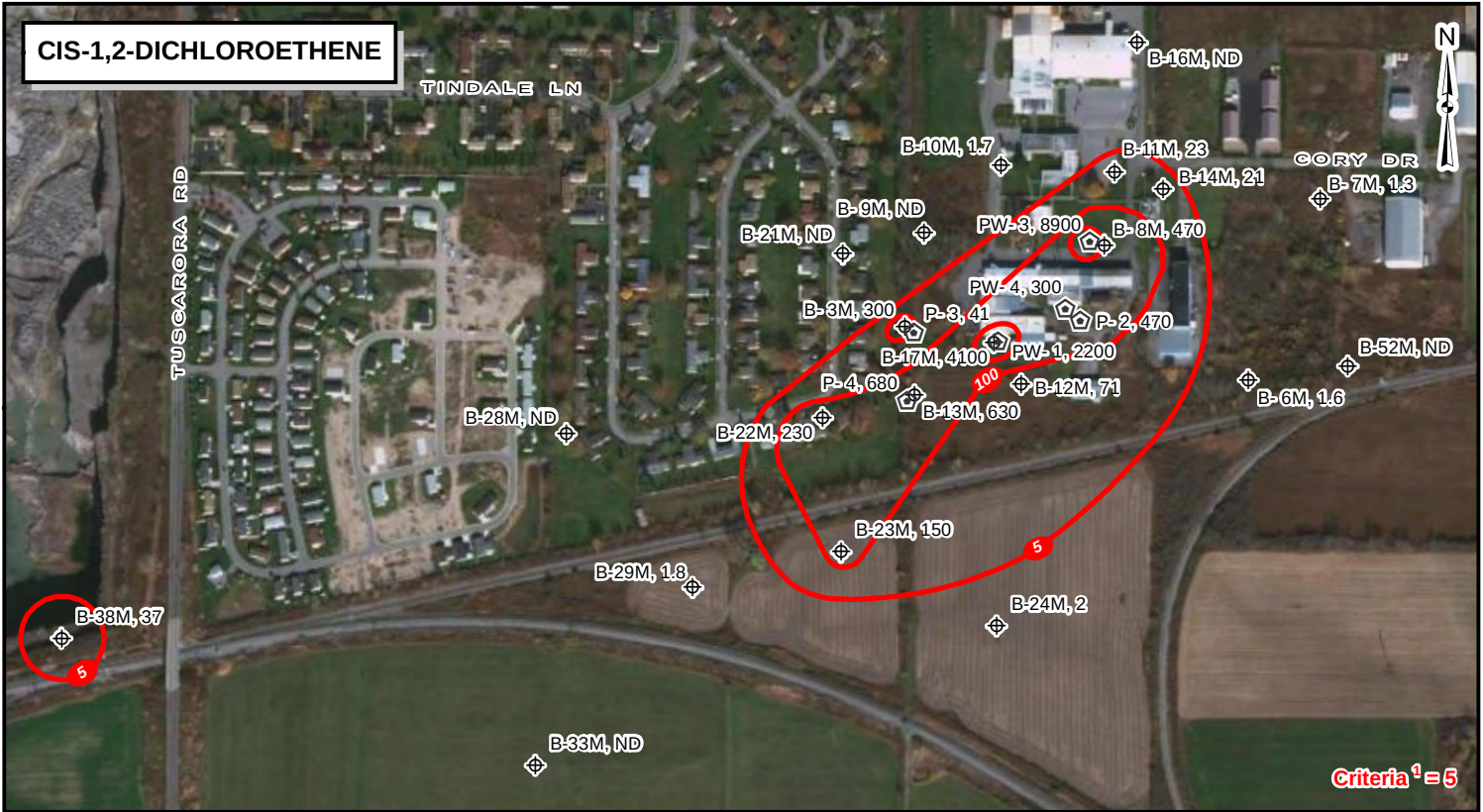
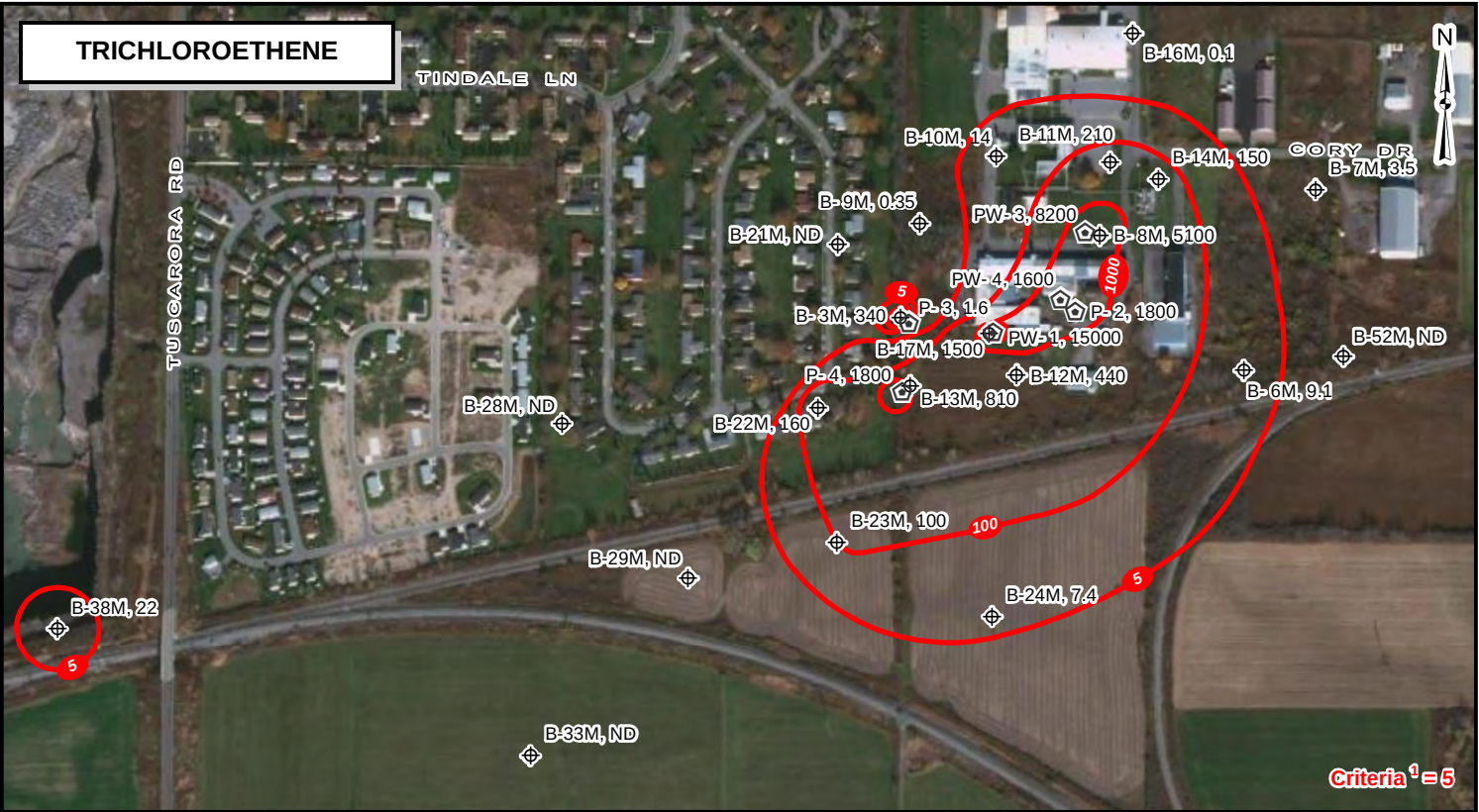
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Legend

- 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

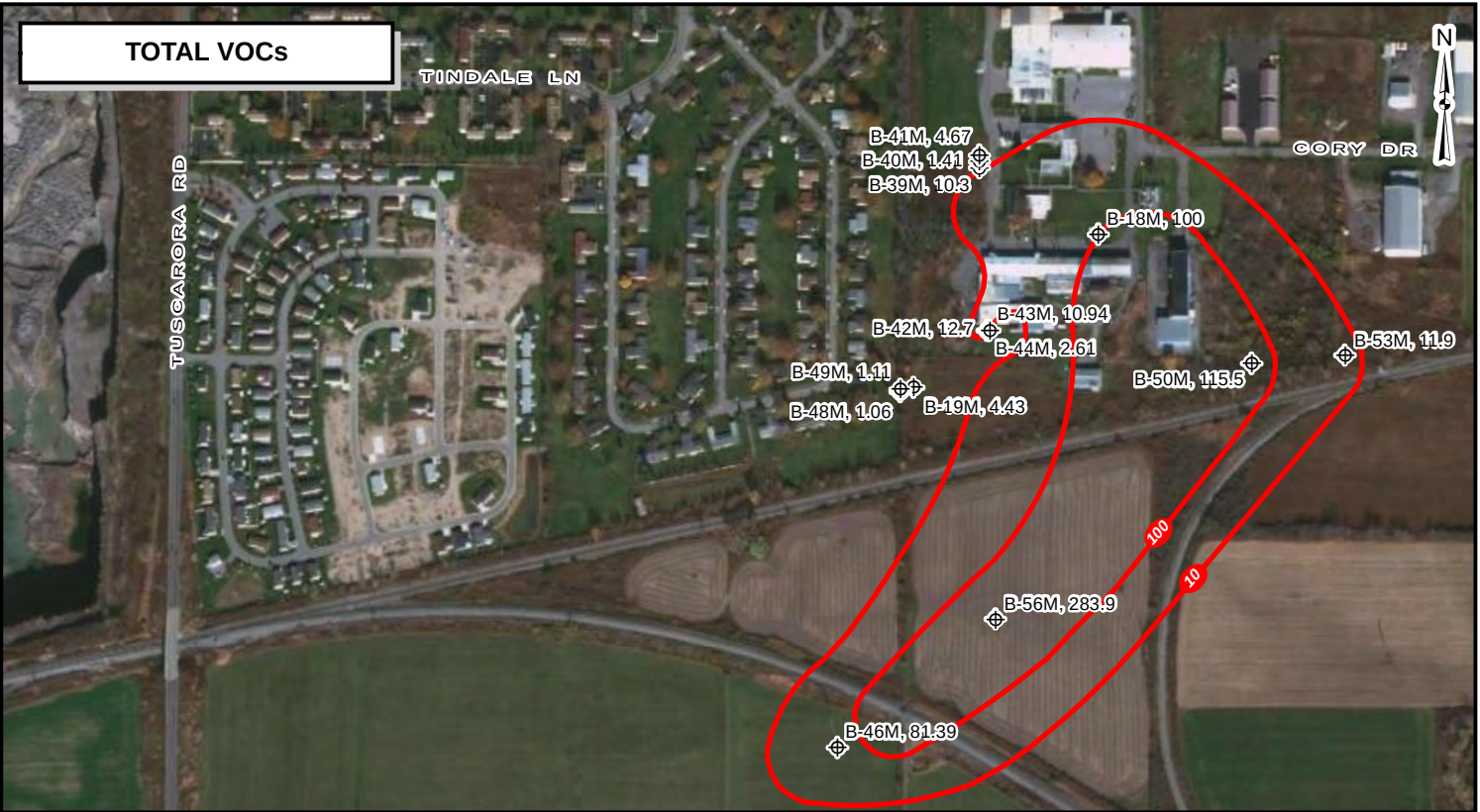
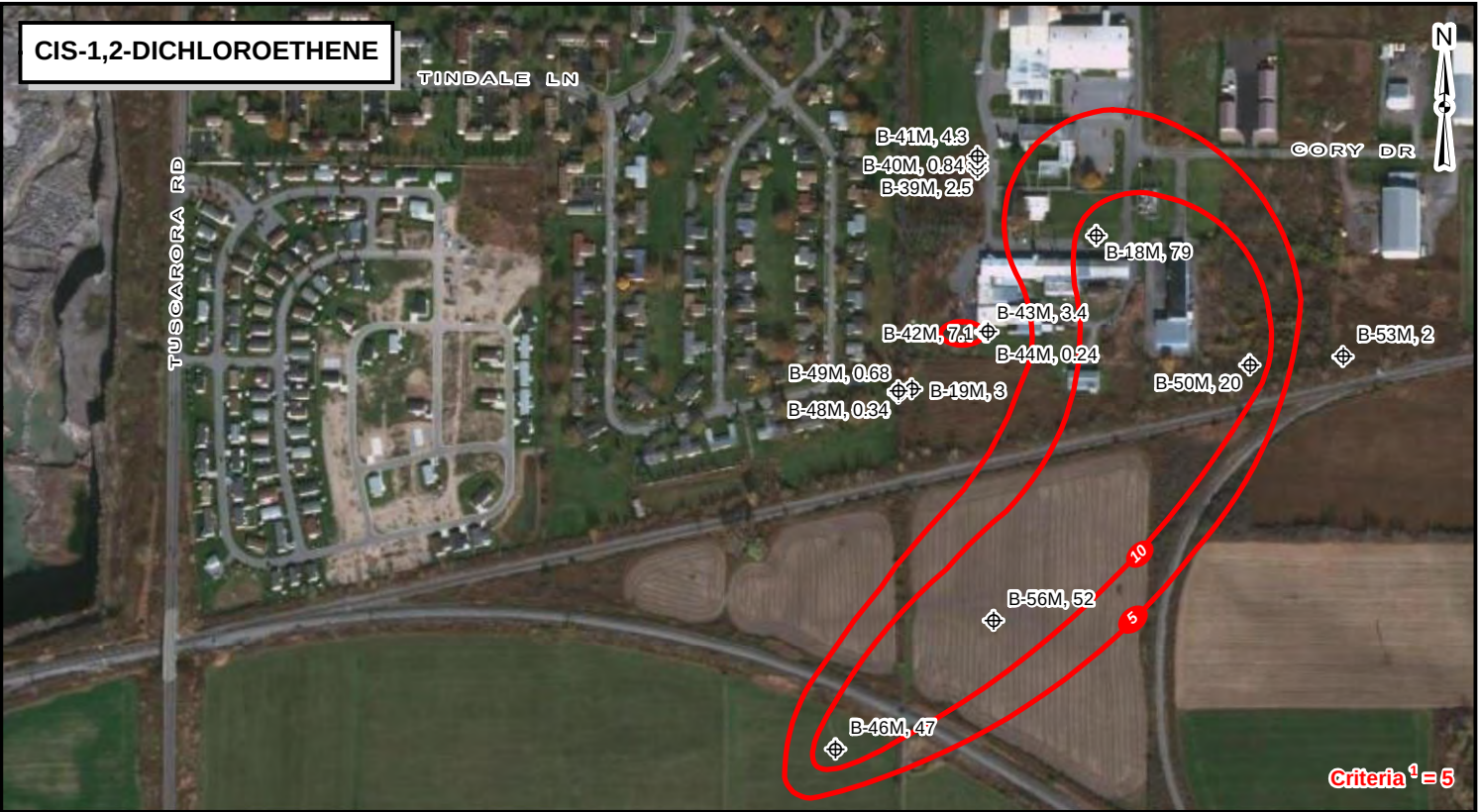
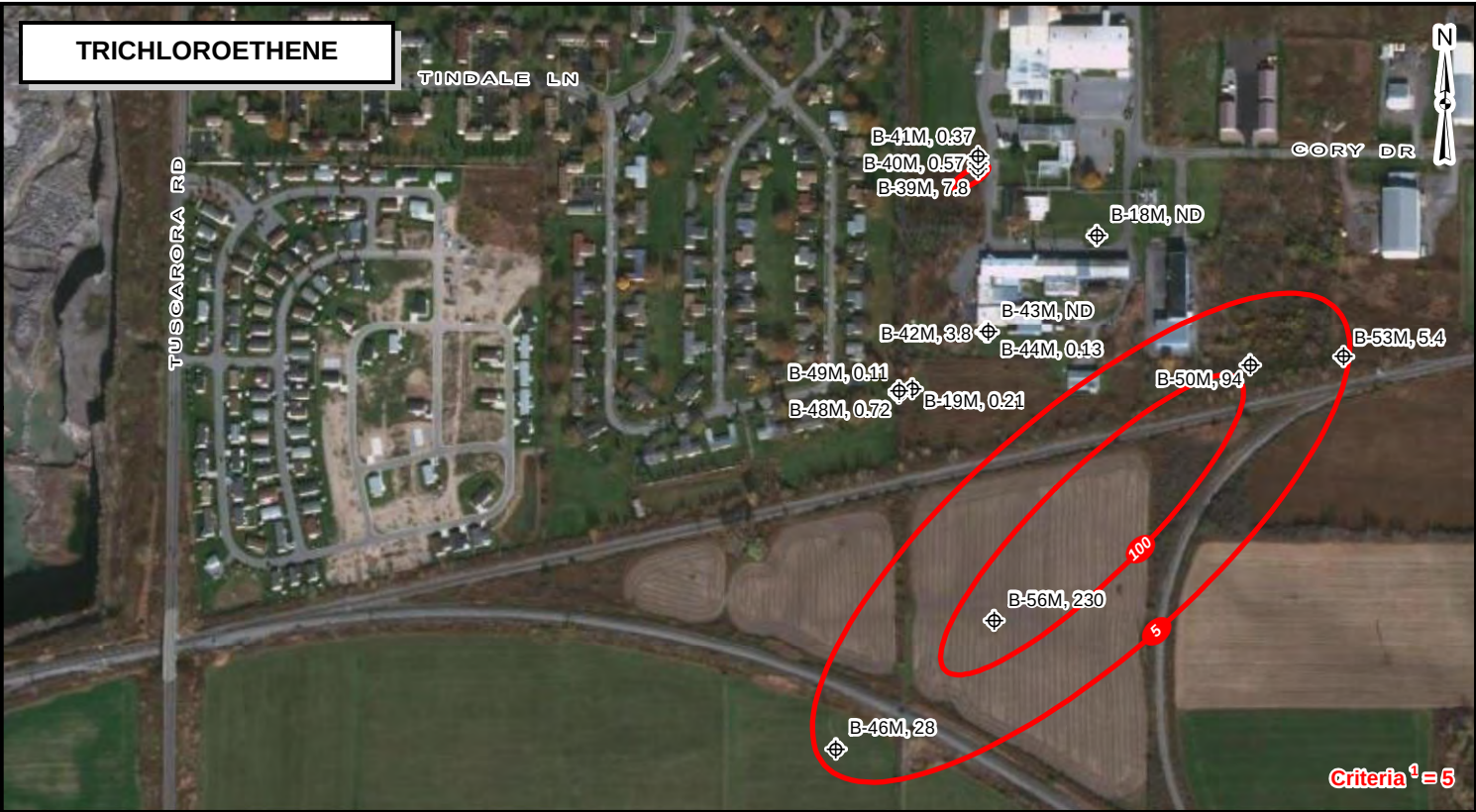
FORMER CARBORUNDUM FACILITY
SANBORN, NEW YORK
ISOCONTOURS IN TOP OF ROCK AND ZONE 1
(ANNUAL SAMPLING - SPRING 2021)

AECOM

FIGURE 5

600 0 600 Feet

J:\Projects\60481767_BP\PM\SC\GIS\Sanborn\Maps\2021\Q2\ISO\PLETHS - Z2-5.mxd 5/26/2021



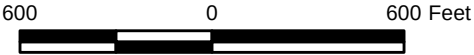
Legend

- Monitoring Well
- Recovery Well
- Isoconcentration Contour

Notes:

- Criteria = NYSDEC TOGS 1.1.1 Ambient Water Quality Standards, Class GA
- Units are shown in µg/L
- ND = Not Detected

Source:
ESRI World Imagery



FORMER CARBORUNDUM FACILITY
SANBORN, NEW YORK
ISOCONTOURS IN ZONES 2, 3, 4, & 5
(ANNUAL SAMPLING - SPRING 2021)

AECOM

FIGURE 6

Appendix A

Groundwater Sampling Field Forms

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[illegible]

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[illegible]



[illegible]

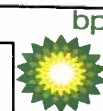
[illegible]

[illegible]

[illegible]

[illegible]

[illegible]



Low Flow Sampling Record													
Site Name: IP-BP Sanborn			Well ID: B-18M				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: S. Connolly			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:													
Purging Data:						feet below top of inner casing							
Method: Peri / Bladder		Date: 4/22/21		Time: 0949 (hhmm)		Initial Depth to Water: 8.61			Depth to Bottom: 50.53				
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:			
0951	10.71	350		10.17	0.854	1.88	7.69	174.3	11.17				
0956	10.76			10.25	0.812	1.87	7.65	165.3	9.05				
1001	10.89			10.36	0.751	1.87	7.64	160.1	6.23				
1006	10.91			10.40	0.739	1.82	7.63	159.8	7.16				
1011	10.94			10.45	0.728	1.63	7.61	142.9	6.48				
1016	10.99			10.54	0.723	1.47	7.60	136.3	5.26				
1021	11.04			10.61	0.722	1.25	7.48	97.4	5.24				
1026	10.06			10.74	0.722	1.12	7.30	69.1	5.26				
1031	11.08			10.78	0.723	1.07	7.28	60.2	5.25				
1036	11.09			10.92	0.719	1.00	7.24	42.2	5.27				
1041	11.12			11.03	0.721	0.92	7.22	27.0	5.23				
1046	11.13			11.04	0.719	0.90	7.21	20.0	5.19				
1051	11.14	350		11.05	0.719	0.86	7.21	19.7	5.13				
Sample Collection Method: Peri / Bladder		Date: 4/22/21		Time: 1051		Total Volume of Water Purged (gal): 6 gallons							
Hach Test Kits				Sample Set									
Alkalinity (mg/L)				Parameter				Bottle		Pres.		Method	
Carbon Dioxide (mg/L)				VOCs				3-40 mL glass vial		HCL		8260C	
Ferrous Iron (mg/L) 0.0				Dissolved Fe & Mn				1-500 mL poly(field filtered)		HNO3		6010C	
Hydrogen Sulfide (mg/L)				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]

[illegible]

[illegible]

[illegible]

Low Flow Sampling Record											
Site Name: IP-BP Sanborn			Well ID: B-24M				Well Diameter: 2"				
Samplers: T-Urbah			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, breezy, partly sunny											
Purging Data:						feet below top of inner casing					
Method: Peri Bladder		Date: 4/20/21		Time:		Initial Depth to Water: 12.36			Depth to Bottom: 26.68		
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:	
0945	12.36	260		9.12	0.606	10.85	7.44	91.8	4.56		
0950	12.52	260		9.13	0.598	3.70	7.21	83.3	4.80		
0955	12.52	260		9.19	0.597	2.72	7.20	81.6	2.29		
1000	12.52	260		9.38	0.600	2.43	7.21	78.6	1.37		
1005	12.52	260		9.49	0.603	2.20	7.17	76.9	1.08		
1010	12.52	260		9.48	0.606	2.04	7.20	75.4	1.22		
1015	12.52	260		9.38	0.604	1.92	7.18	75.1	1.22		
1020	12.52	260		9.40	0.606	1.89	7.19	-74.6	0.88		
Sample Collection Method: Peri / Bladder		Date: 4/20/21		Time: 1020		Total Volume of Water Purged (gal):					
Hach Test Kits				Sample Set							
Alkalinity (mg/L)		Parameter		Bottle	Pres.	Method					
Carbon Dioxide (mg/L)		VOCs		3-40 mL glass vial	HCL	8260C					
Ferrous Iron (mg/L)		Dissolved Fe & Mn		1-500 mL poly(field filtered)	HNO3	6010C					
Hydrogen Sulfide (mg/L)		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]

Low Flow Sampling Record												
Site Name: IP-BP Sanborn				Well ID: B-29M				Well Diameter: 2"				
Samplers: S. Connelly				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: 39°F, mostly sunny slight breeze												
Purging Data:						feet below top of inner casing						
Method: Peri / Bladder		Date: 4/20/21		Time: (hhmm)		Initial Depth to Water: 27.48			Depth to Bottom: 38.66			
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:		
0821	27.93	180		8.41	1.269	7.66	7.51	-10.1	>1000			
0826	27.93			10.09	1.328	6.57	7.27	-10.8	~~289~~	289 NTU		
0831	27.88			10.09	1.319	7.69	7.27	-0.5	43.1	Iron Bottle		
0836	27.88			10.01	1.301	7.73	7.26	7.5	64.4			
0841	27.88			10.17	1.291	7.90	7.26	12.9	43.8			
0846	27.88			10.16	1.282	7.90	7.26	18.7	31.6			
0851	27.88	↓		10.13	1.278	7.90	7.25	26.1	25.4			
0856	27.88	180		10.14	1.276	7.84	7.25	27.2	15.4			
Sample Collection Method: Peri / Bladder				Date: 4/20/21		Time: 0856		Total Volume of Water Purged (gal): 2 gallons				
Hach Test Kits				Sample Set								
Alkalinity (mg/L)				Parameter		Bottle	Pres.	Method				
Carbon Dioxide (mg/L)				VOCs	☒	3-40 mL glass vial	HCL	8260C				
Ferrous Iron (mg/L)				Dissolved Fe & Mn	☐	1-500 mL poly(field filtered)	HNO3	6010C				
Hydrogen Sulfide (mg/L)				TOC	☐	2-40mL amber glass vial	H2SO4	9060A				
DTW				M.E.E	☐	3-40 mL glass vial	HCL	RSK-175 mod				
Comments: Begin pump @ 0813 (Bladder)				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]

bp

Low Flow Sampling Record

Site Name:	IP-BP Sanborn	Well ID: B-38M	Well Diameter: 2"
Samplers:	T. Urban S. Connelly	Water Volume Calculation 1 inch= 0.041 6 inch= 1.4 1.5 inch= 0.092 8 inch= 2.5 2 inch= 0.163 10 inch= 4 4 inch= 0.64 gal = (Total Depth of Well - Depth to Water) × Casing volume per foot	Acceptance Criteria: Temp ± 3% pH ± 0.1 unit Sp. Cond. ± 3% ORP ± 10mV DO ± 10% Turbidity <50 NTU Drawdown <0.3 ft
Weather:	55°F, breezy, partly sunny		

Purging Data:			feet below top of inner casing		
Method:	Peri / Bladder	Date:	Time:	Initial Depth to Water	Depth to Bottom
		4/19/21	(hhmm) 1348	27.36	41.38

Time hhmm	DTW (ft)	Pump Rate (ml/min)	Volume (gal.)	Temp (C°)	Sp. Cond (ms/cm)	DO (mg/L)	pH	ORP (mV)	Turb (NTU)	Comments:
1258	27.36	420		13.07	1.292	18.09	6.26	225.7	37.0	
1303	27.73	420		11.33	1.125	9.68	6.79	188.8	72.6	
1308	27.93	420		11.27	1.098	9.08	6.80	180.6	51.8	
1313	27.73	420		11.15	1.049	8.13	6.81	171.8	30.2	
1318	27.73	420		11.10	0.966	7.11	7.04	159.6	15.2	
1323	27.73	420		11.07	0.899	5.12	7.14	143.9	9.78	
1328	27.73	420		10.96	0.875	4.75	7.05	134.2	8.73	
1333	27.73	420		11.10	0.868	4.43	7.12	117.3	2.81	
1338	27.73	420		11.04	0.861	4.72	7.18	107.5	2.96	
1343	27.73	420		11.09	0.857	4.62	7.22	110.3	2.78	
1348	27.73	420		11.11	0.864	4.57	7.25	108.7	2.91	

Sample Collection Method:	Date:	Time:	Total Volume of Water Purged (gal):
Peri / Bladder	4/19/21	1348	5

Hach Test Kits	Sample Set			
Alkalinity (mg/L)	Parameter	Bottle	Pres.	Method
Carbon Dioxide (mg/L)	VOCs	3-40 mL glass vial	HCL	8260C
Ferrous Iron (mg/L)	Dissolved Fe & Mn	1-500 mL poly(field filtered)	HNO3	6010C
Hydrogen Sulfide (mg/L)	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]



[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

Low Flow Sampling Record

Site Name: IP-BP Sanborn

Well ID:

B-48M

Well Diameter:

2"



Samplers:

E. 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) × 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:

breezy, 42°F, cloudy

Purging Data:

Method:

Peri / Bladder

Date:

4/22/21

Time:

(hhmm)

feet below top of inner casing

Initial Depth to Water

14.54

Depth to Bottom

46.95

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:
1345	14.54	270		9.61	0.966	7.56	8.28	82.2	1.36	
1350	14.59	270		9.61	0.948	5.08	8.00	77.7	1.33	
1355	14.59	270		9.61	0.937	2.40	7.42	73.0	1.23	
1400	14.59	270		9.79	0.939	2.00	7.38	67.3	1.18	
1405	14.59	270		9.80	0.941	1.88	7.37	62.4	1.24	
1410	14.59	270		9.82	0.942	1.61	7.36	59.9	1.34	
1415	14.59	300		9.88	0.945	1.42	7.38	54.4	1.45	
1420	14.59	300		9.98	0.947	1.31	7.39	46.2	1.53	
1425	14.59	300		9.98	0.948	1.21	7.40	42.8	1.68	
1430	14.59	300		9.99	0.950	1.11	7.41	38.2	1.76	
1435	14.59	300		10.00	0.951	1.09	7.42	37.8	1.11	
1440	14.59	300		10.00	0.952	1.04	7.43	36.2	0.74	
1445	14.59	300		10.04	0.953	1.01	7.44	34.7	1.17	

Sample Collection Method:

Peri / Bladder

Date:

4/22/21

Time:

1445

Total Volume of Water Purged (gal):

Hach Test Kits

Alkalinity (mg/L)

Carbon Dioxide (mg/L)

Ferrous Iron (mg/L)

Hydrogen Sulfide (mg/L)

DTW

Comments:

Sample Set

Parameter		Bottle	Pres.	Method
VOCs	☒	3-40 mL glass vial	HCL	8260C
Dissolved Fe & Mn	☐	1-500 mL poly(field filtered)	HNO3	6010C
TOC	☐	2-40mL amber glass vial	H2SO4	9060A
M.E.E	☐	3-40 mL glass vial	HCL	RSK-175 mod
Sulfide	☐	1- 250mL glass (field filtered)	NaOH/Zn Acetate	SM 4500 S2
Sulfate	☐	2-40 mL glass vial (field filtered)	unpreserved	300.0
Microbial Population	☐	In-line filter	N/A	CENSUS

[illegible]

[illegible]

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[illegible]

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Appendix B

Analytical Laboratory Data Reports

ANALYTICAL REPORT

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

Laboratory Job ID: 240-147939-1
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:
5/13/2021 4:43:21 PM

Opal Johnson, Project Manager II
(330)966-9279
opal.johnson@eurofinset.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: 240-147939-1

Qualifiers

GC/MS VOA

Qualifier	Qualifier Description
E	Result exceeded calibration range.
F1	MS and/or MSD recovery exceeds control limits.
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

GC VOA

Qualifier	Qualifier Description
*+	LCS and/or LCSD is outside acceptance limits, high biased.
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
HF	Field parameter with a holding time of 15 minutes. Test performed by laboratory at client's request.

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
⌘	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CFU	Colony Forming Unit
CNF	Contains No Free Liquid
DER	Duplicate Error Ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL	Detection Limit (DoD/DOE)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision Level Concentration (Radiochemistry)
EDL	Estimated Detection Limit (Dioxin)
LOD	Limit of Detection (DoD/DOE)
LOQ	Limit of Quantitation (DoD/DOE)
MCL	EPA recommended "Maximum Contaminant Level"
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
MPN	Most Probable Number
MQL	Method Quantitation Limit
NC	Not Calculated
ND	Not Detected at the reporting limit (or MDL or EDL if shown)
NEG	Negative / Absent
POS	Positive / Present
PQL	Practical Quantitation Limit
PRES	Presumptive
QC	Quality Control
RER	Relative Error Ratio (Radiochemistry)
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)
TNTC	Too Numerous To Count

Case Narrative

Client: AECOM
Project/Site: BP Sanborn

Job ID: 240-147939-1

Job ID: 240-147939-1

Laboratory: Eurofins TestAmerica, Canton

Narrative

CASE NARRATIVE

Client: AECOM

Project: BP Sanborn

Report Number: 240-147939-1

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 4/22/2021 9:40 AM. Unless otherwise noted below, the samples arrived in good condition, and where required, properly preserved and on ice. The temperature of the cooler at receipt was 3.2° C.

Receipt Exceptions

The following sample was listed on the Chain of Custody (COC); however, no sample volume was received: FD-042121.

VOLATILE ORGANIC COMPOUNDS (GCMS)

Samples B-38M (240-147939-1), QUARRY POND (240-147939-2), B-33M (240-147939-3), B-23M (240-147939-4), FD-042021 (240-147939-5), B-29M (240-147939-6), B-24M (240-147939-7), B-56M (240-147939-8), B-46M (240-147939-9), B-7M (240-147939-10), B-44M (240-147939-11), B-43M (240-147939-12), B-42M (240-147939-13), T-002 (240-147939-14), P-2 (240-147939-15), P-3 (240-147939-16), P-4 (240-147939-17), PW-1 (240-147939-18), PW-3 (240-147939-19) and PW-4 (240-147939-20) were analyzed for volatile organic compounds (GCMS) in accordance with EPA SW-846 Method 8260C. The samples were analyzed on 04/26/2021, 04/27/2021 and 04/28/2021.

Samples B-23M (240-147939-4)[5X], FD-042021 (240-147939-5)[5X], B-56M (240-147939-8)[4X], T-002 (240-147939-14)[10X], P-2 (240-147939-15)[100X], P-4 (240-147939-17)[40X], PW-1 (240-147939-18)[400X], PW-3 (240-147939-19)[200X] and PW-4 (240-147939-20)[50X] required dilution prior to analysis. The reporting limits have been adjusted accordingly.

The continuing calibration verification (CCV) analyzed in batch 240-483266 was outside the method criteria for 1,1-dichloroethane. A CCV

Case Narrative

Client: AECOM
Project/Site: BP Sanborn

Job ID: 240-147939-1

Job ID: 240-147939-1 (Continued)

Laboratory: Eurofins TestAmerica, Canton (Continued)

standard at or below the reporting limit (RL) was analyzed with the affected samples and found to be acceptable. As indicated in the reference method, sample analysis may proceed; however, any detection for the affected analyte(s) is considered estimated.

1,1-Dichloroethane, Methylene Chloride and trans-1,2-Dichloroethene failed the recovery criteria high for the MSD of sample PW-4MSD (240-147939-20) in batch 240-483266.

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

DISSOLVED GASES

Samples P-4 (240-147939-17) and PW-3 (240-147939-19) were analyzed for dissolved gases in accordance with RSK_175. The samples were analyzed on 04/27/2021 and 04/28/2021.

The laboratory control sample (LCS) for analytical batch 240-483155 recovered outside control limits for the following analytes: ethylene. These analytes were biased high in the LCS and were not detected in the associated samples; therefore, the data have been reported.

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

FERRIC IRON

Samples P-4 (240-147939-17) and PW-3 (240-147939-19) were analyzed for ferric iron in accordance with Standard Method 3500 F+3. The samples were analyzed on 05/04/2021.

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

TOTAL RECOVERABLE METALS (ICP)

Samples P-4 (240-147939-17) and PW-3 (240-147939-19) were analyzed for total recoverable metals (ICP) in accordance with EPA SW-846 Method 6010C. The samples were prepared on 05/10/2021 and analyzed on 05/11/2021.

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

ANIONS

Samples P-4 (240-147939-17) and PW-3 (240-147939-19) were analyzed for anions in accordance with EPA Method 300.0. The samples were analyzed on 05/03/2021.

Samples P-4 (240-147939-17)[10X] and PW-3 (240-147939-19)[20X] 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.

FERROUS IRON

Samples P-4 (240-147939-17) and PW-3 (240-147939-19) were analyzed for ferrous iron in accordance with SM 3500 F+2 B. The samples were analyzed on 04/22/2021.

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

TOTAL ORGANIC CARBON

Samples P-4 (240-147939-17) and PW-3 (240-147939-19) were analyzed for total organic carbon in accordance with SM 5310. The samples were analyzed on 04/27/2021.

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: 240-147939-1

Method	Method Description	Protocol	Laboratory
8260C	Volatile Organic Compounds by GC/MS	SW846	TAL CAN
RSK-175	Dissolved Gases (GC)	RSK	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
SM 3500	Iron, Ferric	SM	TAL CAN
SM 3500 Fe B	Iron, Ferrous	SM	TAL CAN
3005A	Preparation, Total Recoverable or Dissolved Metals	SW846	TAL CAN
5030C	Purge and Trap	SW846	TAL CAN

Protocol References:

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

RSK = Sample Prep And Calculations For Dissolved Gas Analysis In Water Samples Using A GC Headspace Equilibration Technique, RSKSOP-175, Rev. 0, 8/11/94, USEPA Research Lab

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: 240-147939-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Asset ID
240-147939-1	B-38M	Water	04/19/21 13:48	04/22/21 09:40	
240-147939-2	QUARRY POND	Water	04/19/21 14:20	04/22/21 09:40	
240-147939-3	B-33M	Water	04/19/21 15:43	04/22/21 09:40	
240-147939-4	B-23M	Water	04/20/21 08:55	04/22/21 09:40	
240-147939-5	FD-042021	Water	04/20/21 00:00	04/22/21 09:40	
240-147939-6	B-29M	Water	04/20/21 08:56	04/22/21 09:40	
240-147939-7	B-24M	Water	04/20/21 10:20	04/22/21 09:40	
240-147939-8	B-56M	Water	04/20/21 10:20	04/22/21 09:40	
240-147939-9	B-46M	Water	04/20/21 11:47	04/22/21 09:40	
240-147939-10	B-7M	Water	04/20/21 12:42	04/22/21 09:40	
240-147939-11	B-44M	Water	04/20/21 14:12	04/22/21 09:40	
240-147939-12	B-43M	Water	04/20/21 15:00	04/22/21 09:40	
240-147939-13	B-42M	Water	04/20/21 15:37	04/22/21 09:40	
240-147939-14	T-002	Water	04/21/21 09:35	04/22/21 09:40	
240-147939-15	P-2	Water	04/21/21 12:25	04/22/21 09:40	
240-147939-16	P-3	Water	04/21/21 13:15	04/22/21 09:40	
240-147939-17	P-4	Water	04/21/21 14:00	04/22/21 09:40	
240-147939-18	PW-1	Water	04/21/21 12:50	04/22/21 09:40	
240-147939-19	PW-3	Water	04/21/21 11:55	04/22/21 09:40	
240-147939-20	PW-4	Water	04/21/21 12:35	04/22/21 09:40	

Detection Summary

Client: AECOM
Project/Site: BP Sanborn

Job ID: 240-147939-1

Client Sample ID: B-38M

Lab Sample ID: 240-147939-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
cis-1,2-Dichloroethene	37		1.0	0.16	ug/L	1		8260C	Total/NA
1,1-Dichloroethane	0.76	J	1.0	0.17	ug/L	1		8260C	Total/NA
1,1-Dichloroethene	1.3		1.0	0.19	ug/L	1		8260C	Total/NA
trans-1,2-Dichloroethene	0.60	J	1.0	0.19	ug/L	1		8260C	Total/NA
Trichloroethene	22		1.0	0.10	ug/L	1		8260C	Total/NA
Vinyl chloride	3.7		1.0	0.20	ug/L	1		8260C	Total/NA

Client Sample ID: QUARRY POND

Lab Sample ID: 240-147939-2

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Chloroform	0.58	J	1.0	0.13	ug/L	1		8260C	Total/NA

Client Sample ID: B-33M

Lab Sample ID: 240-147939-3

No Detections.

Client Sample ID: B-23M

Lab Sample ID: 240-147939-4

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
cis-1,2-Dichloroethene	150		5.0	0.80	ug/L	5		8260C	Total/NA
1,1-Dichloroethane	2.1	J	5.0	0.85	ug/L	5		8260C	Total/NA
trans-1,2-Dichloroethene	1.5	J	5.0	0.95	ug/L	5		8260C	Total/NA
Trichloroethene	100		5.0	0.50	ug/L	5		8260C	Total/NA
Vinyl chloride	21		5.0	1.0	ug/L	5		8260C	Total/NA

Client Sample ID: FD-042021

Lab Sample ID: 240-147939-5

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
cis-1,2-Dichloroethene	140		5.0	0.80	ug/L	5		8260C	Total/NA
1,1-Dichloroethane	1.9	J	5.0	0.85	ug/L	5		8260C	Total/NA
trans-1,2-Dichloroethene	1.4	J	5.0	0.95	ug/L	5		8260C	Total/NA
Trichloroethene	96		5.0	0.50	ug/L	5		8260C	Total/NA
Vinyl chloride	19		5.0	1.0	ug/L	5		8260C	Total/NA

Client Sample ID: B-29M

Lab Sample ID: 240-147939-6

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
cis-1,2-Dichloroethene	1.8		1.0	0.16	ug/L	1		8260C	Total/NA

Client Sample ID: B-24M

Lab Sample ID: 240-147939-7

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
cis-1,2-Dichloroethene	2.0		1.0	0.16	ug/L	1		8260C	Total/NA
Trichloroethene	7.4		1.0	0.10	ug/L	1		8260C	Total/NA

Client Sample ID: B-56M

Lab Sample ID: 240-147939-8

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
cis-1,2-Dichloroethene	52		4.0	0.64	ug/L	4		8260C	Total/NA
trans-1,2-Dichloroethene	1.9	J	4.0	0.76	ug/L	4		8260C	Total/NA
Trichloroethene	230		4.0	0.40	ug/L	4		8260C	Total/NA

This Detection Summary does not include radiochemical test results.

Eurofins TestAmerica, Canton

Detection Summary

Client: AECOM
Project/Site: BP Sanborn

Job ID: 240-147939-1

Client Sample ID: B-46M

Lab Sample ID: 240-147939-9

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Chloroform	0.58	J	1.0	0.13	ug/L	1		8260C	Total/NA
cis-1,2-Dichloroethene	47		1.0	0.16	ug/L	1		8260C	Total/NA
1,1-Dichloroethane	0.52	J	1.0	0.17	ug/L	1		8260C	Total/NA
1,1-Dichloroethene	0.21	J	1.0	0.19	ug/L	1		8260C	Total/NA
trans-1,2-Dichloroethene	1.4		1.0	0.19	ug/L	1		8260C	Total/NA
1,1,1-Trichloroethane	0.28	J	1.0	0.24	ug/L	1		8260C	Total/NA
Trichloroethene	28		1.0	0.10	ug/L	1		8260C	Total/NA
Vinyl chloride	3.4		1.0	0.20	ug/L	1		8260C	Total/NA

Client Sample ID: B-7M

Lab Sample ID: 240-147939-10

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
cis-1,2-Dichloroethene	1.3		1.0	0.16	ug/L	1		8260C	Total/NA
Trichloroethene	3.5		1.0	0.10	ug/L	1		8260C	Total/NA

Client Sample ID: B-44M

Lab Sample ID: 240-147939-11

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
cis-1,2-Dichloroethene	0.24	J	1.0	0.16	ug/L	1		8260C	Total/NA
1,1-Dichloroethane	1.8		1.0	0.17	ug/L	1		8260C	Total/NA
Trichloroethene	0.13	J	1.0	0.10	ug/L	1		8260C	Total/NA
Vinyl chloride	0.44	J	1.0	0.20	ug/L	1		8260C	Total/NA

Client Sample ID: B-43M

Lab Sample ID: 240-147939-12

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
cis-1,2-Dichloroethene	3.4		1.0	0.16	ug/L	1		8260C	Total/NA
1,1-Dichloroethane	0.24	J	1.0	0.17	ug/L	1		8260C	Total/NA
Vinyl chloride	7.3		1.0	0.20	ug/L	1		8260C	Total/NA

Client Sample ID: B-42M

Lab Sample ID: 240-147939-13

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
cis-1,2-Dichloroethene	7.1		1.0	0.16	ug/L	1		8260C	Total/NA
trans-1,2-Dichloroethene	1.1		1.0	0.19	ug/L	1		8260C	Total/NA
Trichloroethene	3.8		1.0	0.10	ug/L	1		8260C	Total/NA
Vinyl chloride	0.70	J	1.0	0.20	ug/L	1		8260C	Total/NA

Client Sample ID: T-002

Lab Sample ID: 240-147939-14

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
cis-1,2-Dichloroethene	710		10	1.6	ug/L	10		8260C	Total/NA
1,1-Dichloroethane	22		10	1.7	ug/L	10		8260C	Total/NA
1,1-Dichloroethene	4.9	J	10	1.9	ug/L	10		8260C	Total/NA
trans-1,2-Dichloroethene	3.8	J	10	1.9	ug/L	10		8260C	Total/NA
Trichloroethene	320		10	1.0	ug/L	10		8260C	Total/NA
Vinyl chloride	42		10	2.0	ug/L	10		8260C	Total/NA

Client Sample ID: P-2

Lab Sample ID: 240-147939-15

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
cis-1,2-Dichloroethene	470		100	16	ug/L	100		8260C	Total/NA
1,1-Dichloroethane	80	J	100	17	ug/L	100		8260C	Total/NA
1,1-Dichloroethene	24	J	100	19	ug/L	100		8260C	Total/NA

This Detection Summary does not include radiochemical test results.

Eurofins TestAmerica, Canton

Detection Summary

Client: AECOM
Project/Site: BP Sanborn

Job ID: 240-147939-1

Client Sample ID: P-2 (Continued)

Lab Sample ID: 240-147939-15

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,1,1-Trichloroethane	630		100	24	ug/L	100		8260C	Total/NA
Trichloroethene	1800		100	10	ug/L	100		8260C	Total/NA

Client Sample ID: P-3

Lab Sample ID: 240-147939-16

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
cis-1,2-Dichloroethene	41		1.0	0.16	ug/L	1		8260C	Total/NA
1,1-Dichloroethane	0.33	J	1.0	0.17	ug/L	1		8260C	Total/NA
1,1-Dichloroethene	0.29	J	1.0	0.19	ug/L	1		8260C	Total/NA
trans-1,2-Dichloroethene	3.7		1.0	0.19	ug/L	1		8260C	Total/NA
Trichloroethene	1.6		1.0	0.10	ug/L	1		8260C	Total/NA
Vinyl chloride	3.2		1.0	0.20	ug/L	1		8260C	Total/NA

Client Sample ID: P-4

Lab Sample ID: 240-147939-17

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
cis-1,2-Dichloroethene	680		40	6.4	ug/L	40		8260C	Total/NA
1,1-Dichloroethane	39	J	40	6.8	ug/L	40		8260C	Total/NA
1,1-Dichloroethene	12	J	40	7.6	ug/L	40		8260C	Total/NA
trans-1,2-Dichloroethene	13	J	40	7.6	ug/L	40		8260C	Total/NA
1,1,1-Trichloroethane	17	J	40	9.6	ug/L	40		8260C	Total/NA
Trichloroethene	1800		40	4.0	ug/L	40		8260C	Total/NA
Methane	0.26	J	1.0	0.17	ug/L	1		RSK-175	Total/NA
Ethane	0.32	J	1.0	0.29	ug/L	1		RSK-175	Total/NA
Iron	680		200	26	ug/L	1		6010C	Total/NA
Sulfate	140		10	3.5	mg/L	10		300.0	Total/NA
Total Organic Carbon	2.1		1.0	0.35	mg/L	1		5310C-2011	Total/NA
Ferric Iron	0.68		0.10	0.023	mg/L	1		SM 3500	Total/NA

Client Sample ID: PW-1

Lab Sample ID: 240-147939-18

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
cis-1,2-Dichloroethene	2200		400	64	ug/L	400		8260C	Total/NA
Trichloroethene	15000		400	40	ug/L	400		8260C	Total/NA

Client Sample ID: PW-3

Lab Sample ID: 240-147939-19

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
cis-1,2-Dichloroethene	8900		200	32	ug/L	200		8260C	Total/NA
1,1-Dichloroethene	67	J	200	38	ug/L	200		8260C	Total/NA
trans-1,2-Dichloroethene	61	J	200	38	ug/L	200		8260C	Total/NA
Trichloroethene	8200		200	20	ug/L	200		8260C	Total/NA
Vinyl chloride	1700		200	40	ug/L	200		8260C	Total/NA
Methane	66		1.0	0.17	ug/L	1		RSK-175	Total/NA
Ethane	9.0		1.0	0.29	ug/L	1		RSK-175	Total/NA
Ethylene	110		1.0	0.27	ug/L	1		RSK-175	Total/NA
Sulfate	110		20	7.0	mg/L	20		300.0	Total/NA
Total Organic Carbon	5.5		1.0	0.35	mg/L	1		5310C-2011	Total/NA

Client Sample ID: PW-4

Lab Sample ID: 240-147939-20

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
cis-1,2-Dichloroethene	300		50	8.0	ug/L	50		8260C	Total/NA

This Detection Summary does not include radiochemical test results.

Eurofins TestAmerica, Canton

Detection Summary

Client: AECOM
Project/Site: BP Sanborn

Job ID: 240-147939-1

Client Sample ID: PW-4 (Continued)

Lab Sample ID: 240-147939-20

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,1,1-Trichloroethane	29	J	50	12	ug/L	50		8260C	Total/NA
Trichloroethene	1600		50	5.0	ug/L	50		8260C	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: 240-147939-1

Client Sample ID: B-38M

Lab Sample ID: 240-147939-1

Date Collected: 04/19/21 13:48

Matrix: Water

Date Received: 04/22/21 09:40

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Carbon tetrachloride	ND		1.0	0.26	ug/L			04/26/21 16:39	1
Chloroform	ND		1.0	0.13	ug/L			04/26/21 16:39	1
cis-1,2-Dichloroethene	37		1.0	0.16	ug/L			04/26/21 16:39	1
1,1-Dichloroethane	0.76	J	1.0	0.17	ug/L			04/26/21 16:39	1
1,1-Dichloroethene	1.3		1.0	0.19	ug/L			04/26/21 16:39	1
Methylene Chloride	ND		5.0	2.6	ug/L			04/26/21 16:39	1
Tetrachloroethene	ND		1.0	0.15	ug/L			04/26/21 16:39	1
trans-1,2-Dichloroethene	0.60	J	1.0	0.19	ug/L			04/26/21 16:39	1
1,1,1-Trichloroethane	ND		1.0	0.24	ug/L			04/26/21 16:39	1
Trichloroethene	22		1.0	0.10	ug/L			04/26/21 16:39	1
Vinyl chloride	3.7		1.0	0.20	ug/L			04/26/21 16:39	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	117		47 - 134		04/26/21 16:39	1
Dibromofluoromethane (Surr)	120		78 - 129		04/26/21 16:39	1
1,2-Dichloroethane-d4 (Surr)	113		75 - 130		04/26/21 16:39	1
Toluene-d8 (Surr)	107		69 - 122		04/26/21 16:39	1

Client Sample Results

Client: AECOM
Project/Site: BP Sanborn

Job ID: 240-147939-1

Client Sample ID: QUARRY POND

Lab Sample ID: 240-147939-2

Date Collected: 04/19/21 14:20

Matrix: Water

Date Received: 04/22/21 09:40

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Carbon tetrachloride	ND		1.0	0.26	ug/L			04/26/21 17:04	1
Chloroform	0.58	J	1.0	0.13	ug/L			04/26/21 17:04	1
cis-1,2-Dichloroethene	ND		1.0	0.16	ug/L			04/26/21 17:04	1
1,1-Dichloroethane	ND		1.0	0.17	ug/L			04/26/21 17:04	1
1,1-Dichloroethene	ND		1.0	0.19	ug/L			04/26/21 17:04	1
Methylene Chloride	ND		5.0	2.6	ug/L			04/26/21 17:04	1
Tetrachloroethene	ND		1.0	0.15	ug/L			04/26/21 17:04	1
trans-1,2-Dichloroethene	ND		1.0	0.19	ug/L			04/26/21 17:04	1
1,1,1-Trichloroethane	ND		1.0	0.24	ug/L			04/26/21 17:04	1
Trichloroethene	ND		1.0	0.10	ug/L			04/26/21 17:04	1
Vinyl chloride	ND		1.0	0.20	ug/L			04/26/21 17:04	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	120		47 - 134		04/26/21 17:04	1
Dibromofluoromethane (Surr)	119		78 - 129		04/26/21 17:04	1
1,2-Dichloroethane-d4 (Surr)	113		75 - 130		04/26/21 17:04	1
Toluene-d8 (Surr)	108		69 - 122		04/26/21 17:04	1

Client Sample Results

Client: AECOM
Project/Site: BP Sanborn

Job ID: 240-147939-1

Client Sample ID: B-33M

Lab Sample ID: 240-147939-3

Date Collected: 04/19/21 15:43

Matrix: Water

Date Received: 04/22/21 09:40

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Carbon tetrachloride	ND		1.0	0.26	ug/L			04/26/21 17:28	1
Chloroform	ND		1.0	0.13	ug/L			04/26/21 17:28	1
cis-1,2-Dichloroethene	ND		1.0	0.16	ug/L			04/26/21 17:28	1
1,1-Dichloroethane	ND		1.0	0.17	ug/L			04/26/21 17:28	1
1,1-Dichloroethene	ND		1.0	0.19	ug/L			04/26/21 17:28	1
Methylene Chloride	ND		5.0	2.6	ug/L			04/26/21 17:28	1
Tetrachloroethene	ND		1.0	0.15	ug/L			04/26/21 17:28	1
trans-1,2-Dichloroethene	ND		1.0	0.19	ug/L			04/26/21 17:28	1
1,1,1-Trichloroethane	ND		1.0	0.24	ug/L			04/26/21 17:28	1
Trichloroethene	ND		1.0	0.10	ug/L			04/26/21 17:28	1
Vinyl chloride	ND		1.0	0.20	ug/L			04/26/21 17:28	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	120		47 - 134		04/26/21 17:28	1
Dibromofluoromethane (Surr)	117		78 - 129		04/26/21 17:28	1
1,2-Dichloroethane-d4 (Surr)	113		75 - 130		04/26/21 17:28	1
Toluene-d8 (Surr)	108		69 - 122		04/26/21 17:28	1

Client Sample Results

Client: AECOM
Project/Site: BP Sanborn

Job ID: 240-147939-1

Client Sample ID: B-23M

Lab Sample ID: 240-147939-4

Date Collected: 04/20/21 08:55

Matrix: Water

Date Received: 04/22/21 09:40

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Carbon tetrachloride	ND		5.0	1.3	ug/L			04/26/21 17:52	5
Chloroform	ND		5.0	0.65	ug/L			04/26/21 17:52	5
cis-1,2-Dichloroethene	150		5.0	0.80	ug/L			04/26/21 17:52	5
1,1-Dichloroethane	2.1	J	5.0	0.85	ug/L			04/26/21 17:52	5
1,1-Dichloroethene	ND		5.0	0.95	ug/L			04/26/21 17:52	5
Methylene Chloride	ND		25	13	ug/L			04/26/21 17:52	5
Tetrachloroethene	ND		5.0	0.75	ug/L			04/26/21 17:52	5
trans-1,2-Dichloroethene	1.5	J	5.0	0.95	ug/L			04/26/21 17:52	5
1,1,1-Trichloroethane	ND		5.0	1.2	ug/L			04/26/21 17:52	5
Trichloroethene	100		5.0	0.50	ug/L			04/26/21 17:52	5
Vinyl chloride	21		5.0	1.0	ug/L			04/26/21 17:52	5

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	121		47 - 134		04/26/21 17:52	5
Dibromofluoromethane (Surr)	120		78 - 129		04/26/21 17:52	5
1,2-Dichloroethane-d4 (Surr)	114		75 - 130		04/26/21 17:52	5
Toluene-d8 (Surr)	109		69 - 122		04/26/21 17:52	5

Client Sample Results

Client: AECOM
Project/Site: BP Sanborn

Job ID: 240-147939-1

Client Sample ID: FD-042021

Lab Sample ID: 240-147939-5

Date Collected: 04/20/21 00:00

Matrix: Water

Date Received: 04/22/21 09:40

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Carbon tetrachloride	ND		5.0	1.3	ug/L			04/26/21 18:16	5
Chloroform	ND		5.0	0.65	ug/L			04/26/21 18:16	5
cis-1,2-Dichloroethene	140		5.0	0.80	ug/L			04/26/21 18:16	5
1,1-Dichloroethane	1.9	J	5.0	0.85	ug/L			04/26/21 18:16	5
1,1-Dichloroethene	ND		5.0	0.95	ug/L			04/26/21 18:16	5
Methylene Chloride	ND		25	13	ug/L			04/26/21 18:16	5
Tetrachloroethene	ND		5.0	0.75	ug/L			04/26/21 18:16	5
trans-1,2-Dichloroethene	1.4	J	5.0	0.95	ug/L			04/26/21 18:16	5
1,1,1-Trichloroethane	ND		5.0	1.2	ug/L			04/26/21 18:16	5
Trichloroethene	96		5.0	0.50	ug/L			04/26/21 18:16	5
Vinyl chloride	19		5.0	1.0	ug/L			04/26/21 18:16	5

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	118		47 - 134		04/26/21 18:16	5
Dibromofluoromethane (Surr)	115		78 - 129		04/26/21 18:16	5
1,2-Dichloroethane-d4 (Surr)	110		75 - 130		04/26/21 18:16	5
Toluene-d8 (Surr)	107		69 - 122		04/26/21 18:16	5

Client Sample Results

Client: AECOM
Project/Site: BP Sanborn

Job ID: 240-147939-1

Client Sample ID: B-29M

Lab Sample ID: 240-147939-6

Date Collected: 04/20/21 08:56

Matrix: Water

Date Received: 04/22/21 09:40

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Carbon tetrachloride	ND		1.0	0.26	ug/L			04/26/21 18:40	1
Chloroform	ND		1.0	0.13	ug/L			04/26/21 18:40	1
cis-1,2-Dichloroethene	1.8		1.0	0.16	ug/L			04/26/21 18:40	1
1,1-Dichloroethane	ND		1.0	0.17	ug/L			04/26/21 18:40	1
1,1-Dichloroethene	ND		1.0	0.19	ug/L			04/26/21 18:40	1
Methylene Chloride	ND		5.0	2.6	ug/L			04/26/21 18:40	1
Tetrachloroethene	ND		1.0	0.15	ug/L			04/26/21 18:40	1
trans-1,2-Dichloroethene	ND		1.0	0.19	ug/L			04/26/21 18:40	1
1,1,1-Trichloroethane	ND		1.0	0.24	ug/L			04/26/21 18:40	1
Trichloroethene	ND		1.0	0.10	ug/L			04/26/21 18:40	1
Vinyl chloride	ND		1.0	0.20	ug/L			04/26/21 18:40	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	121		47 - 134		04/26/21 18:40	1
Dibromofluoromethane (Surr)	118		78 - 129		04/26/21 18:40	1
1,2-Dichloroethane-d4 (Surr)	113		75 - 130		04/26/21 18:40	1
Toluene-d8 (Surr)	110		69 - 122		04/26/21 18:40	1

Client Sample Results

Client: AECOM
Project/Site: BP Sanborn

Job ID: 240-147939-1

Client Sample ID: B-24M

Lab Sample ID: 240-147939-7

Date Collected: 04/20/21 10:20

Matrix: Water

Date Received: 04/22/21 09:40

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Carbon tetrachloride	ND		1.0	0.26	ug/L			04/26/21 19:04	1
Chloroform	ND		1.0	0.13	ug/L			04/26/21 19:04	1
cis-1,2-Dichloroethene	2.0		1.0	0.16	ug/L			04/26/21 19:04	1
1,1-Dichloroethane	ND		1.0	0.17	ug/L			04/26/21 19:04	1
1,1-Dichloroethene	ND		1.0	0.19	ug/L			04/26/21 19:04	1
Methylene Chloride	ND		5.0	2.6	ug/L			04/26/21 19:04	1
Tetrachloroethene	ND		1.0	0.15	ug/L			04/26/21 19:04	1
trans-1,2-Dichloroethene	ND		1.0	0.19	ug/L			04/26/21 19:04	1
1,1,1-Trichloroethane	ND		1.0	0.24	ug/L			04/26/21 19:04	1
Trichloroethene	7.4		1.0	0.10	ug/L			04/26/21 19:04	1
Vinyl chloride	ND		1.0	0.20	ug/L			04/26/21 19:04	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	121		47 - 134		04/26/21 19:04	1
Dibromofluoromethane (Surr)	117		78 - 129		04/26/21 19:04	1
1,2-Dichloroethane-d4 (Surr)	114		75 - 130		04/26/21 19:04	1
Toluene-d8 (Surr)	108		69 - 122		04/26/21 19:04	1

Client Sample Results

Client: AECOM
Project/Site: BP Sanborn

Job ID: 240-147939-1

Client Sample ID: B-56M

Lab Sample ID: 240-147939-8

Date Collected: 04/20/21 10:20

Matrix: Water

Date Received: 04/22/21 09:40

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Carbon tetrachloride	ND		4.0	1.0	ug/L			04/26/21 19:28	4
Chloroform	ND		4.0	0.52	ug/L			04/26/21 19:28	4
cis-1,2-Dichloroethene	52		4.0	0.64	ug/L			04/26/21 19:28	4
1,1-Dichloroethane	ND		4.0	0.68	ug/L			04/26/21 19:28	4
1,1-Dichloroethene	ND		4.0	0.76	ug/L			04/26/21 19:28	4
Methylene Chloride	ND		20	10	ug/L			04/26/21 19:28	4
Tetrachloroethene	ND		4.0	0.60	ug/L			04/26/21 19:28	4
trans-1,2-Dichloroethene	1.9 J		4.0	0.76	ug/L			04/26/21 19:28	4
1,1,1-Trichloroethane	ND		4.0	0.96	ug/L			04/26/21 19:28	4
Trichloroethene	230		4.0	0.40	ug/L			04/26/21 19:28	4
Vinyl chloride	ND		4.0	0.80	ug/L			04/26/21 19:28	4

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	119		47 - 134		04/26/21 19:28	4
Dibromofluoromethane (Surr)	112		78 - 129		04/26/21 19:28	4
1,2-Dichloroethane-d4 (Surr)	112		75 - 130		04/26/21 19:28	4
Toluene-d8 (Surr)	108		69 - 122		04/26/21 19:28	4

Client Sample Results

Client: AECOM
Project/Site: BP Sanborn

Job ID: 240-147939-1

Client Sample ID: B-46M

Lab Sample ID: 240-147939-9

Date Collected: 04/20/21 11:47

Matrix: Water

Date Received: 04/22/21 09:40

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Carbon tetrachloride	ND		1.0	0.26	ug/L			04/26/21 19:53	1
Chloroform	0.58	J	1.0	0.13	ug/L			04/26/21 19:53	1
cis-1,2-Dichloroethene	47		1.0	0.16	ug/L			04/26/21 19:53	1
1,1-Dichloroethane	0.52	J	1.0	0.17	ug/L			04/26/21 19:53	1
1,1-Dichloroethene	0.21	J	1.0	0.19	ug/L			04/26/21 19:53	1
Methylene Chloride	ND		5.0	2.6	ug/L			04/26/21 19:53	1
Tetrachloroethene	ND		1.0	0.15	ug/L			04/26/21 19:53	1
trans-1,2-Dichloroethene	1.4		1.0	0.19	ug/L			04/26/21 19:53	1
1,1,1-Trichloroethane	0.28	J	1.0	0.24	ug/L			04/26/21 19:53	1
Trichloroethene	28		1.0	0.10	ug/L			04/26/21 19:53	1
Vinyl chloride	3.4		1.0	0.20	ug/L			04/26/21 19:53	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	119		47 - 134		04/26/21 19:53	1
Dibromofluoromethane (Surr)	116		78 - 129		04/26/21 19:53	1
1,2-Dichloroethane-d4 (Surr)	114		75 - 130		04/26/21 19:53	1
Toluene-d8 (Surr)	110		69 - 122		04/26/21 19:53	1

Client Sample Results

Client: AECOM
Project/Site: BP Sanborn

Job ID: 240-147939-1

Client Sample ID: B-7M

Lab Sample ID: 240-147939-10

Date Collected: 04/20/21 12:42

Matrix: Water

Date Received: 04/22/21 09:40

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Carbon tetrachloride	ND		1.0	0.26	ug/L			04/26/21 20:17	1
Chloroform	ND		1.0	0.13	ug/L			04/26/21 20:17	1
cis-1,2-Dichloroethene	1.3		1.0	0.16	ug/L			04/26/21 20:17	1
1,1-Dichloroethane	ND		1.0	0.17	ug/L			04/26/21 20:17	1
1,1-Dichloroethene	ND		1.0	0.19	ug/L			04/26/21 20:17	1
Methylene Chloride	ND		5.0	2.6	ug/L			04/26/21 20:17	1
Tetrachloroethene	ND		1.0	0.15	ug/L			04/26/21 20:17	1
trans-1,2-Dichloroethene	ND		1.0	0.19	ug/L			04/26/21 20:17	1
1,1,1-Trichloroethane	ND		1.0	0.24	ug/L			04/26/21 20:17	1
Trichloroethene	3.5		1.0	0.10	ug/L			04/26/21 20:17	1
Vinyl chloride	ND		1.0	0.20	ug/L			04/26/21 20:17	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	121		47 - 134		04/26/21 20:17	1
Dibromofluoromethane (Surr)	118		78 - 129		04/26/21 20:17	1
1,2-Dichloroethane-d4 (Surr)	114		75 - 130		04/26/21 20:17	1
Toluene-d8 (Surr)	109		69 - 122		04/26/21 20:17	1

Client Sample Results

Client: AECOM
Project/Site: BP Sanborn

Job ID: 240-147939-1

Client Sample ID: B-44M

Lab Sample ID: 240-147939-11

Date Collected: 04/20/21 14:12

Matrix: Water

Date Received: 04/22/21 09:40

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Carbon tetrachloride	ND		1.0	0.26	ug/L			04/26/21 20:41	1
Chloroform	ND		1.0	0.13	ug/L			04/26/21 20:41	1
cis-1,2-Dichloroethene	0.24	J	1.0	0.16	ug/L			04/26/21 20:41	1
1,1-Dichloroethane	1.8		1.0	0.17	ug/L			04/26/21 20:41	1
1,1-Dichloroethene	ND		1.0	0.19	ug/L			04/26/21 20:41	1
Methylene Chloride	ND		5.0	2.6	ug/L			04/26/21 20:41	1
Tetrachloroethene	ND		1.0	0.15	ug/L			04/26/21 20:41	1
trans-1,2-Dichloroethene	ND		1.0	0.19	ug/L			04/26/21 20:41	1
1,1,1-Trichloroethane	ND		1.0	0.24	ug/L			04/26/21 20:41	1
Trichloroethene	0.13	J	1.0	0.10	ug/L			04/26/21 20:41	1
Vinyl chloride	0.44	J	1.0	0.20	ug/L			04/26/21 20:41	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	121		47 - 134		04/26/21 20:41	1
Dibromofluoromethane (Surr)	118		78 - 129		04/26/21 20:41	1
1,2-Dichloroethane-d4 (Surr)	115		75 - 130		04/26/21 20:41	1
Toluene-d8 (Surr)	108		69 - 122		04/26/21 20:41	1

Client Sample Results

Client: AECOM
Project/Site: BP Sanborn

Job ID: 240-147939-1

Client Sample ID: B-43M

Lab Sample ID: 240-147939-12

Date Collected: 04/20/21 15:00

Matrix: Water

Date Received: 04/22/21 09:40

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Carbon tetrachloride	ND		1.0	0.26	ug/L			04/26/21 23:21	1
Chloroform	ND		1.0	0.13	ug/L			04/26/21 23:21	1
cis-1,2-Dichloroethene	3.4		1.0	0.16	ug/L			04/26/21 23:21	1
1,1-Dichloroethane	0.24	J	1.0	0.17	ug/L			04/26/21 23:21	1
1,1-Dichloroethene	ND		1.0	0.19	ug/L			04/26/21 23:21	1
Methylene Chloride	ND		5.0	2.6	ug/L			04/26/21 23:21	1
Tetrachloroethene	ND		1.0	0.15	ug/L			04/26/21 23:21	1
trans-1,2-Dichloroethene	ND		1.0	0.19	ug/L			04/26/21 23:21	1
1,1,1-Trichloroethane	ND		1.0	0.24	ug/L			04/26/21 23:21	1
Trichloroethene	ND		1.0	0.10	ug/L			04/26/21 23:21	1
Vinyl chloride	7.3		1.0	0.20	ug/L			04/26/21 23:21	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	103		47 - 134		04/26/21 23:21	1
Dibromofluoromethane (Surr)	114		78 - 129		04/26/21 23:21	1
1,2-Dichloroethane-d4 (Surr)	125		75 - 130		04/26/21 23:21	1
Toluene-d8 (Surr)	111		69 - 122		04/26/21 23:21	1

Client Sample Results

Client: AECOM
Project/Site: BP Sanborn

Job ID: 240-147939-1

Client Sample ID: B-42M

Lab Sample ID: 240-147939-13

Date Collected: 04/20/21 15:37

Matrix: Water

Date Received: 04/22/21 09:40

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Carbon tetrachloride	ND		1.0	0.26	ug/L			04/26/21 23:44	1
Chloroform	ND		1.0	0.13	ug/L			04/26/21 23:44	1
cis-1,2-Dichloroethene	7.1		1.0	0.16	ug/L			04/26/21 23:44	1
1,1-Dichloroethane	ND		1.0	0.17	ug/L			04/26/21 23:44	1
1,1-Dichloroethene	ND		1.0	0.19	ug/L			04/26/21 23:44	1
Methylene Chloride	ND		5.0	2.6	ug/L			04/26/21 23:44	1
Tetrachloroethene	ND		1.0	0.15	ug/L			04/26/21 23:44	1
trans-1,2-Dichloroethene	1.1		1.0	0.19	ug/L			04/26/21 23:44	1
1,1,1-Trichloroethane	ND		1.0	0.24	ug/L			04/26/21 23:44	1
Trichloroethene	3.8		1.0	0.10	ug/L			04/26/21 23:44	1
Vinyl chloride	0.70 J		1.0	0.20	ug/L			04/26/21 23:44	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	99		47 - 134		04/26/21 23:44	1
Dibromofluoromethane (Surr)	112		78 - 129		04/26/21 23:44	1
1,2-Dichloroethane-d4 (Surr)	125		75 - 130		04/26/21 23:44	1
Toluene-d8 (Surr)	108		69 - 122		04/26/21 23:44	1

Client Sample Results

Client: AECOM
Project/Site: BP Sanborn

Job ID: 240-147939-1

Client Sample ID: T-002

Lab Sample ID: 240-147939-14

Date Collected: 04/21/21 09:35

Matrix: Water

Date Received: 04/22/21 09:40

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Carbon tetrachloride	ND		10	2.6	ug/L			04/27/21 00:06	10
Chloroform	ND		10	1.3	ug/L			04/27/21 00:06	10
cis-1,2-Dichloroethene	710		10	1.6	ug/L			04/27/21 00:06	10
1,1-Dichloroethane	22		10	1.7	ug/L			04/27/21 00:06	10
1,1-Dichloroethene	4.9 J		10	1.9	ug/L			04/27/21 00:06	10
Methylene Chloride	ND		50	26	ug/L			04/27/21 00:06	10
Tetrachloroethene	ND		10	1.5	ug/L			04/27/21 00:06	10
trans-1,2-Dichloroethene	3.8 J		10	1.9	ug/L			04/27/21 00:06	10
1,1,1-Trichloroethane	ND		10	2.4	ug/L			04/27/21 00:06	10
Trichloroethene	320		10	1.0	ug/L			04/27/21 00:06	10
Vinyl chloride	42		10	2.0	ug/L			04/27/21 00:06	10

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	98		47 - 134		04/27/21 00:06	10
Dibromofluoromethane (Surr)	109		78 - 129		04/27/21 00:06	10
1,2-Dichloroethane-d4 (Surr)	121		75 - 130		04/27/21 00:06	10
Toluene-d8 (Surr)	108		69 - 122		04/27/21 00:06	10

Client Sample Results

Client: AECOM
Project/Site: BP Sanborn

Job ID: 240-147939-1

Client Sample ID: P-2

Lab Sample ID: 240-147939-15

Date Collected: 04/21/21 12:25

Matrix: Water

Date Received: 04/22/21 09:40

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Carbon tetrachloride	ND		100	26	ug/L			04/27/21 01:35	100
Chloroform	ND		100	13	ug/L			04/27/21 01:35	100
cis-1,2-Dichloroethene	470		100	16	ug/L			04/27/21 01:35	100
1,1-Dichloroethane	80 J		100	17	ug/L			04/27/21 01:35	100
1,1-Dichloroethene	24 J		100	19	ug/L			04/27/21 01:35	100
Methylene Chloride	ND		500	260	ug/L			04/27/21 01:35	100
Tetrachloroethene	ND		100	15	ug/L			04/27/21 01:35	100
trans-1,2-Dichloroethene	ND		100	19	ug/L			04/27/21 01:35	100
1,1,1-Trichloroethane	630		100	24	ug/L			04/27/21 01:35	100
Trichloroethene	1800		100	10	ug/L			04/27/21 01:35	100
Vinyl chloride	ND		100	20	ug/L			04/27/21 01:35	100
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	97		47 - 134					04/27/21 01:35	100
Dibromofluoromethane (Surr)	108		78 - 129					04/27/21 01:35	100
1,2-Dichloroethane-d4 (Surr)	122		75 - 130					04/27/21 01:35	100
Toluene-d8 (Surr)	108		69 - 122					04/27/21 01:35	100

Client Sample Results

Client: AECOM
Project/Site: BP Sanborn

Job ID: 240-147939-1

Client Sample ID: P-3

Lab Sample ID: 240-147939-16

Date Collected: 04/21/21 13:15

Matrix: Water

Date Received: 04/22/21 09:40

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Carbon tetrachloride	ND		1.0	0.26	ug/L			04/27/21 01:57	1
Chloroform	ND		1.0	0.13	ug/L			04/27/21 01:57	1
cis-1,2-Dichloroethene	41		1.0	0.16	ug/L			04/27/21 01:57	1
1,1-Dichloroethane	0.33	J	1.0	0.17	ug/L			04/27/21 01:57	1
1,1-Dichloroethene	0.29	J	1.0	0.19	ug/L			04/27/21 01:57	1
Methylene Chloride	ND		5.0	2.6	ug/L			04/27/21 01:57	1
Tetrachloroethene	ND		1.0	0.15	ug/L			04/27/21 01:57	1
trans-1,2-Dichloroethene	3.7		1.0	0.19	ug/L			04/27/21 01:57	1
1,1,1-Trichloroethane	ND		1.0	0.24	ug/L			04/27/21 01:57	1
Trichloroethene	1.6		1.0	0.10	ug/L			04/27/21 01:57	1
Vinyl chloride	3.2		1.0	0.20	ug/L			04/27/21 01:57	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	99		47 - 134		04/27/21 01:57	1
Dibromofluoromethane (Surr)	107		78 - 129		04/27/21 01:57	1
1,2-Dichloroethane-d4 (Surr)	122		75 - 130		04/27/21 01:57	1
Toluene-d8 (Surr)	107		69 - 122		04/27/21 01:57	1

Client Sample Results

Client: AECOM
Project/Site: BP Sanborn

Job ID: 240-147939-1

Client Sample ID: P-4

Lab Sample ID: 240-147939-17

Date Collected: 04/21/21 14:00

Matrix: Water

Date Received: 04/22/21 09:40

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Carbon tetrachloride	ND		40	10	ug/L			04/27/21 02:19	40
Chloroform	ND		40	5.2	ug/L			04/27/21 02:19	40
cis-1,2-Dichloroethene	680		40	6.4	ug/L			04/27/21 02:19	40
1,1-Dichloroethane	39	J	40	6.8	ug/L			04/27/21 02:19	40
1,1-Dichloroethene	12	J	40	7.6	ug/L			04/27/21 02:19	40
Methylene Chloride	ND		200	100	ug/L			04/27/21 02:19	40
Tetrachloroethene	ND		40	6.0	ug/L			04/27/21 02:19	40
trans-1,2-Dichloroethene	13	J	40	7.6	ug/L			04/27/21 02:19	40
1,1,1-Trichloroethane	17	J	40	9.6	ug/L			04/27/21 02:19	40
Trichloroethene	1800		40	4.0	ug/L			04/27/21 02:19	40
Vinyl chloride	ND		40	8.0	ug/L			04/27/21 02:19	40

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	100		47 - 134		04/27/21 02:19	40
Dibromofluoromethane (Surr)	110		78 - 129		04/27/21 02:19	40
1,2-Dichloroethane-d4 (Surr)	124		75 - 130		04/27/21 02:19	40
Toluene-d8 (Surr)	108		69 - 122		04/27/21 02:19	40

Method: RSK-175 - Dissolved Gases (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methane	0.26	J	1.0	0.17	ug/L			04/28/21 18:13	1
Ethane	0.32	J	1.0	0.29	ug/L			04/27/21 15:19	1
Ethylene	ND		1.0	0.27	ug/L			04/27/21 15:19	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,1,1-Trifluoroethane	113		60 - 140		04/27/21 15:19	1
1,1,1-Trifluoroethane	113		60 - 140		04/28/21 18:13	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Iron	680		200	26	ug/L		05/10/21 14:00	05/11/21 21:48	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Sulfate	140		10	3.5	mg/L			05/03/21 15:31	10
Total Organic Carbon	2.1		1.0	0.35	mg/L			04/27/21 17:08	1
Ferric Iron	0.68		0.10	0.023	mg/L			05/04/21 21:51	1

General Chemistry - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ferrous Iron	ND	HF	0.050	0.023	mg/L			04/22/21 14:50	1

Client Sample Results

Client: AECOM
Project/Site: BP Sanborn

Job ID: 240-147939-1

Client Sample ID: PW-1

Lab Sample ID: 240-147939-18

Date Collected: 04/21/21 12:50

Matrix: Water

Date Received: 04/22/21 09:40

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Carbon tetrachloride	ND		400	100	ug/L			04/28/21 20:33	400
Chloroform	ND		400	52	ug/L			04/28/21 20:33	400
cis-1,2-Dichloroethene	2200		400	64	ug/L			04/28/21 20:33	400
1,1-Dichloroethane	ND		400	68	ug/L			04/28/21 20:33	400
1,1-Dichloroethene	ND		400	76	ug/L			04/28/21 20:33	400
Methylene Chloride	ND		2000	1000	ug/L			04/28/21 20:33	400
Tetrachloroethene	ND		400	60	ug/L			04/28/21 20:33	400
trans-1,2-Dichloroethene	ND		400	76	ug/L			04/28/21 20:33	400
1,1,1-Trichloroethane	ND		400	96	ug/L			04/28/21 20:33	400
Trichloroethene	15000		400	40	ug/L			04/28/21 20:33	400
Vinyl chloride	ND		400	80	ug/L			04/28/21 20:33	400

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	100		47 - 134		04/28/21 20:33	400
Dibromofluoromethane (Surr)	109		78 - 129		04/28/21 20:33	400
1,2-Dichloroethane-d4 (Surr)	125		75 - 130		04/28/21 20:33	400
Toluene-d8 (Surr)	109		69 - 122		04/28/21 20:33	400

Client Sample Results

Client: AECOM
Project/Site: BP Sanborn

Job ID: 240-147939-1

Client Sample ID: PW-3

Lab Sample ID: 240-147939-19

Date Collected: 04/21/21 11:55

Matrix: Water

Date Received: 04/22/21 09:40

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Carbon tetrachloride	ND		200	52	ug/L			04/28/21 20:55	200
Chloroform	ND		200	26	ug/L			04/28/21 20:55	200
cis-1,2-Dichloroethene	8900		200	32	ug/L			04/28/21 20:55	200
1,1-Dichloroethane	ND		200	34	ug/L			04/28/21 20:55	200
1,1-Dichloroethene	67	J	200	38	ug/L			04/28/21 20:55	200
Methylene Chloride	ND		1000	520	ug/L			04/28/21 20:55	200
Tetrachloroethene	ND		200	30	ug/L			04/28/21 20:55	200
trans-1,2-Dichloroethene	61	J	200	38	ug/L			04/28/21 20:55	200
1,1,1-Trichloroethane	ND		200	48	ug/L			04/28/21 20:55	200
Trichloroethene	8200		200	20	ug/L			04/28/21 20:55	200
Vinyl chloride	1700		200	40	ug/L			04/28/21 20:55	200

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	102		47 - 134		04/28/21 20:55	200
Dibromofluoromethane (Surr)	112		78 - 129		04/28/21 20:55	200
1,2-Dichloroethane-d4 (Surr)	124		75 - 130		04/28/21 20:55	200
Toluene-d8 (Surr)	113		69 - 122		04/28/21 20:55	200

Method: RSK-175 - Dissolved Gases (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methane	66		1.0	0.17	ug/L			04/27/21 15:36	1
Ethane	9.0		1.0	0.29	ug/L			04/27/21 15:36	1
Ethylene	110		1.0	0.27	ug/L			04/27/21 15:36	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,1,1-Trifluoroethane	112		60 - 140		04/27/21 15:36	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Iron	ND		200	26	ug/L		05/10/21 14:00	05/11/21 21:52	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Sulfate	110		20	7.0	mg/L			05/03/21 16:36	20
Total Organic Carbon	5.5		1.0	0.35	mg/L			04/27/21 17:23	1
Ferric Iron	ND		0.10	0.023	mg/L			05/04/21 21:51	1

General Chemistry - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ferrous Iron	ND	HF	0.050	0.023	mg/L			04/22/21 14:53	1

Client Sample Results

Client: AECOM
Project/Site: BP Sanborn

Job ID: 240-147939-1

Client Sample ID: PW-4

Lab Sample ID: 240-147939-20

Date Collected: 04/21/21 12:35

Matrix: Water

Date Received: 04/22/21 09:40

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Carbon tetrachloride	ND		50	13	ug/L			04/28/21 21:17	50
Chloroform	ND		50	6.5	ug/L			04/28/21 21:17	50
cis-1,2-Dichloroethene	300		50	8.0	ug/L			04/28/21 21:17	50
1,1-Dichloroethane	ND	F1	50	8.5	ug/L			04/28/21 21:17	50
1,1-Dichloroethene	ND		50	9.5	ug/L			04/28/21 21:17	50
Methylene Chloride	ND	F1	250	130	ug/L			04/28/21 21:17	50
Tetrachloroethene	ND		50	7.5	ug/L			04/28/21 21:17	50
trans-1,2-Dichloroethene	ND	F1	50	9.5	ug/L			04/28/21 21:17	50
1,1,1-Trichloroethane	29 J		50	12	ug/L			04/28/21 21:17	50
Trichloroethene	1600		50	5.0	ug/L			04/28/21 21:17	50
Vinyl chloride	ND		50	10	ug/L			04/28/21 21:17	50

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	103		47 - 134		04/28/21 21:17	50
Dibromofluoromethane (Surr)	111		78 - 129		04/28/21 21:17	50
1,2-Dichloroethane-d4 (Surr)	126		75 - 130		04/28/21 21:17	50
Toluene-d8 (Surr)	109		69 - 122		04/28/21 21:17	50

Surrogate Summary

Client: AECOM
Project/Site: BP Sanborn

Job ID: 240-147939-1

Method: 8260C - Volatile Organic Compounds by GC/MS

Matrix: Water

Prep Type: Total/NA

Lab Sample ID	Client Sample ID	Percent Surrogate Recovery (Acceptance Limits)			
		BFB (47-134)	DBFM (78-129)	DCA (75-130)	TOL (69-122)
240-147939-1	B-38M	117	120	113	107
240-147939-2	QUARRY POND	120	119	113	108
240-147939-3	B-33M	120	117	113	108
240-147939-3 MS	B-33M	121	107	104	108
240-147939-3 MSD	B-33M	122	106	105	108
240-147939-4	B-23M	121	120	114	109
240-147939-5	FD-042021	118	115	110	107
240-147939-6	B-29M	121	118	113	110
240-147939-7	B-24M	121	117	114	108
240-147939-8	B-56M	119	112	112	108
240-147939-9	B-46M	119	116	114	110
240-147939-10	B-7M	121	118	114	109
240-147939-11	B-44M	121	118	115	108
240-147939-12	B-43M	103	114	125	111
240-147939-13	B-42M	99	112	125	108
240-147939-14	T-002	98	109	121	108
240-147939-14 MS	T-002	112	101	113	109
240-147939-14 MSD	T-002	111	106	113	112
240-147939-15	P-2	97	108	122	108
240-147939-16	P-3	99	107	122	107
240-147939-17	P-4	100	110	124	108
240-147939-18	PW-1	100	109	125	109
240-147939-19	PW-3	102	112	124	113
240-147939-20	PW-4	103	111	126	109
240-147939-20 MS	PW-4	114	104	112	113
240-147939-20 MSD	PW-4	115	103	117	114
LCS 240-482754/5	Lab Control Sample	119	101	101	107
LCS 240-482856/5	Lab Control Sample	109	103	109	107
LCS 240-483266/5	Lab Control Sample	112	104	111	112
MB 240-482754/8	Method Blank	118	116	111	106
MB 240-482856/8	Method Blank	101	110	120	107
MB 240-483266/8	Method Blank	101	110	125	109

Surrogate Legend

BFB = 4-Bromofluorobenzene (Surr)
DBFM = Dibromofluoromethane (Surr)
DCA = 1,2-Dichloroethane-d4 (Surr)
TOL = Toluene-d8 (Surr)

Method: RSK-175 - Dissolved Gases (GC)

Matrix: Water

Prep Type: Total/NA

Lab Sample ID	Client Sample ID	Percent Surrogate Recovery (Acceptance Limits)			
		TFE1 (60-140)			
240-147939-17	P-4	113			
240-147939-17	P-4	113			
240-147939-19	PW-3	112			
LCS 240-482930/4	Lab Control Sample	111			
LCS 240-483155/32	Lab Control Sample	118			

Eurofins TestAmerica, Canton

Surrogate Summary

Client: AECOM
Project/Site: BP Sanborn

Job ID: 240-147939-1

Method: RSK-175 - Dissolved Gases (GC) (Continued)

Matrix: Water

Prep Type: Total/NA

Percent Surrogate Recovery (Acceptance Limits)

Lab Sample ID	Client Sample ID	TFE1 (60-140)
MB 240-482930/3	Method Blank	115
MB 240-483155/31	Method Blank	116

Surrogate Legend

TFE = 1,1,1-Trifluoroethane

QC Sample Results

Client: AECOM
Project/Site: BP Sanborn

Job ID: 240-147939-1

Method: 8260C - Volatile Organic Compounds by GC/MS

Lab Sample ID: MB 240-482754/8

Matrix: Water

Analysis Batch: 482754

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Carbon tetrachloride	ND		1.0	0.26	ug/L			04/26/21 12:37	1
Chloroform	ND		1.0	0.13	ug/L			04/26/21 12:37	1
cis-1,2-Dichloroethene	ND		1.0	0.16	ug/L			04/26/21 12:37	1
1,1-Dichloroethane	ND		1.0	0.17	ug/L			04/26/21 12:37	1
1,1-Dichloroethene	ND		1.0	0.19	ug/L			04/26/21 12:37	1
Methylene Chloride	ND		5.0	2.6	ug/L			04/26/21 12:37	1
Tetrachloroethene	ND		1.0	0.15	ug/L			04/26/21 12:37	1
trans-1,2-Dichloroethene	ND		1.0	0.19	ug/L			04/26/21 12:37	1
1,1,1-Trichloroethane	ND		1.0	0.24	ug/L			04/26/21 12:37	1
Trichloroethene	ND		1.0	0.10	ug/L			04/26/21 12:37	1
Vinyl chloride	ND		1.0	0.20	ug/L			04/26/21 12:37	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	118		47 - 134		04/26/21 12:37	1
Dibromofluoromethane (Surr)	116		78 - 129		04/26/21 12:37	1
1,2-Dichloroethane-d4 (Surr)	111		75 - 130		04/26/21 12:37	1
Toluene-d8 (Surr)	106		69 - 122		04/26/21 12:37	1

Lab Sample ID: LCS 240-482754/5

Matrix: Water

Analysis Batch: 482754

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Carbon tetrachloride	20.0	18.9		ug/L		94	61 - 142
Chloroform	20.0	17.2		ug/L		86	74 - 127
cis-1,2-Dichloroethene	20.0	17.8		ug/L		89	75 - 124
1,1-Dichloroethane	20.0	17.0		ug/L		85	74 - 126
1,1-Dichloroethene	20.0	18.8		ug/L		94	73 - 129
Methylene Chloride	20.0	17.3		ug/L		87	63 - 134
Tetrachloroethene	20.0	19.2		ug/L		96	70 - 125
trans-1,2-Dichloroethene	20.0	18.1		ug/L		90	74 - 130
1,1,1-Trichloroethane	20.0	18.2		ug/L		91	65 - 141
Trichloroethene	20.0	18.5		ug/L		92	71 - 121
Vinyl chloride	20.0	17.9		ug/L		89	61 - 134

Surrogate	LCS %Recovery	LCS Qualifier	Limits
4-Bromofluorobenzene (Surr)	119		47 - 134
Dibromofluoromethane (Surr)	101		78 - 129
1,2-Dichloroethane-d4 (Surr)	101		75 - 130
Toluene-d8 (Surr)	107		69 - 122

Lab Sample ID: 240-147939-3 MS

Matrix: Water

Analysis Batch: 482754

Client Sample ID: B-33M

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Carbon tetrachloride	ND		20.0	18.5		ug/L		93	53 - 142
Chloroform	ND		20.0	17.5		ug/L		87	66 - 126

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QC Sample Results

Client: AECOM
Project/Site: BP Sanborn

Job ID: 240-147939-1

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: 240-147939-3 MS

Matrix: Water

Analysis Batch: 482754

Client Sample ID: B-33M

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
cis-1,2-Dichloroethene	ND		20.0	18.0		ug/L		90	68 - 121
1,1-Dichloroethane	ND		20.0	17.7		ug/L		89	71 - 121
1,1-Dichloroethene	ND		20.0	19.0		ug/L		95	64 - 132
Methylene Chloride	ND		20.0	17.4		ug/L		87	59 - 127
Tetrachloroethene	ND		20.0	18.0		ug/L		90	52 - 129
trans-1,2-Dichloroethene	ND		20.0	18.1		ug/L		90	69 - 126
1,1,1-Trichloroethane	ND		20.0	18.0		ug/L		90	62 - 135
Trichloroethene	ND		20.0	18.1		ug/L		91	56 - 124
Vinyl chloride	ND		20.0	19.3		ug/L		97	49 - 136
Surrogate	MS %Recovery	MS Qualifier	Limits						
4-Bromofluorobenzene (Surr)	121		47 - 134						
Dibromofluoromethane (Surr)	107		78 - 129						
1,2-Dichloroethane-d4 (Surr)	104		75 - 130						
Toluene-d8 (Surr)	108		69 - 122						

Lab Sample ID: 240-147939-3 MSD

Matrix: Water

Analysis Batch: 482754

Client Sample ID: B-33M

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Carbon tetrachloride	ND		20.0	19.8		ug/L		99	53 - 142	7	35
Chloroform	ND		20.0	18.6		ug/L		93	66 - 126	6	35
cis-1,2-Dichloroethene	ND		20.0	19.2		ug/L		96	68 - 121	6	35
1,1-Dichloroethane	ND		20.0	18.8		ug/L		94	71 - 121	6	35
1,1-Dichloroethene	ND		20.0	20.1		ug/L		101	64 - 132	6	35
Methylene Chloride	ND		20.0	18.7		ug/L		93	59 - 127	7	32
Tetrachloroethene	ND		20.0	19.5		ug/L		97	52 - 129	8	35
trans-1,2-Dichloroethene	ND		20.0	19.3		ug/L		96	69 - 126	6	35
1,1,1-Trichloroethane	ND		20.0	19.4		ug/L		97	62 - 135	8	35
Trichloroethene	ND		20.0	19.6		ug/L		98	56 - 124	8	35
Vinyl chloride	ND		20.0	18.3		ug/L		91	49 - 136	6	35
Surrogate	MSD %Recovery	MSD Qualifier	Limits								
4-Bromofluorobenzene (Surr)	122		47 - 134								
Dibromofluoromethane (Surr)	106		78 - 129								
1,2-Dichloroethane-d4 (Surr)	105		75 - 130								
Toluene-d8 (Surr)	108		69 - 122								

Lab Sample ID: MB 240-482856/8

Matrix: Water

Analysis Batch: 482856

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Carbon tetrachloride	ND		1.0	0.26	ug/L			04/26/21 19:18	1
Chloroform	ND		1.0	0.13	ug/L			04/26/21 19:18	1
cis-1,2-Dichloroethene	ND		1.0	0.16	ug/L			04/26/21 19:18	1
1,1-Dichloroethane	ND		1.0	0.17	ug/L			04/26/21 19:18	1

Eurofins TestAmerica, Canton

QC Sample Results

Client: AECOM
Project/Site: BP Sanborn

Job ID: 240-147939-1

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: MB 240-482856/8

Matrix: Water

Analysis Batch: 482856

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1-Dichloroethene	ND		1.0	0.19	ug/L			04/26/21 19:18	1
Methylene Chloride	ND		5.0	2.6	ug/L			04/26/21 19:18	1
Tetrachloroethene	ND		1.0	0.15	ug/L			04/26/21 19:18	1
trans-1,2-Dichloroethene	ND		1.0	0.19	ug/L			04/26/21 19:18	1
1,1,1-Trichloroethane	ND		1.0	0.24	ug/L			04/26/21 19:18	1
Trichloroethene	ND		1.0	0.10	ug/L			04/26/21 19:18	1
Vinyl chloride	ND		1.0	0.20	ug/L			04/26/21 19:18	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	101		47 - 134		04/26/21 19:18	1
Dibromofluoromethane (Surr)	110		78 - 129		04/26/21 19:18	1
1,2-Dichloroethane-d4 (Surr)	120		75 - 130		04/26/21 19:18	1
Toluene-d8 (Surr)	107		69 - 122		04/26/21 19:18	1

Lab Sample ID: LCS 240-482856/5

Matrix: Water

Analysis Batch: 482856

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Carbon tetrachloride	20.0	20.5		ug/L		103	61 - 142
Chloroform	20.0	22.5		ug/L		112	74 - 127
cis-1,2-Dichloroethene	20.0	21.0		ug/L		105	75 - 124
1,1-Dichloroethane	20.0	23.4		ug/L		117	74 - 126
1,1-Dichloroethene	20.0	23.4		ug/L		117	73 - 129
Methylene Chloride	20.0	23.7		ug/L		118	63 - 134
Tetrachloroethene	20.0	19.0		ug/L		95	70 - 125
trans-1,2-Dichloroethene	20.0	23.6		ug/L		118	74 - 130
1,1,1-Trichloroethane	20.0	21.1		ug/L		105	65 - 141
Trichloroethene	20.0	19.0		ug/L		95	71 - 121
Vinyl chloride	20.0	22.6		ug/L		113	61 - 134

Surrogate	LCS %Recovery	LCS Qualifier	Limits
4-Bromofluorobenzene (Surr)	109		47 - 134
Dibromofluoromethane (Surr)	103		78 - 129
1,2-Dichloroethane-d4 (Surr)	109		75 - 130
Toluene-d8 (Surr)	107		69 - 122

Lab Sample ID: 240-147939-14 MS

Matrix: Water

Analysis Batch: 482856

Client Sample ID: T-002

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Carbon tetrachloride	ND		200	188		ug/L		94	53 - 142
Chloroform	ND		200	222		ug/L		111	66 - 126
cis-1,2-Dichloroethene	710		200	853	E	ug/L		70	68 - 121
1,1-Dichloroethane	22		200	254		ug/L		116	71 - 121
1,1-Dichloroethene	4.9	J	200	242		ug/L		118	64 - 132
Methylene Chloride	ND		200	247		ug/L		123	59 - 127

Eurofins TestAmerica, Canton

QC Sample Results

Client: AECOM
Project/Site: BP Sanborn

Job ID: 240-147939-1

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: 240-147939-14 MS

Matrix: Water

Analysis Batch: 482856

Client Sample ID: T-002

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Tetrachloroethene	ND		200	169		ug/L		84	52 - 129
trans-1,2-Dichloroethene	3.8	J	200	239		ug/L		117	69 - 126
1,1,1-Trichloroethane	ND		200	202		ug/L		101	62 - 135
Trichloroethene	320		200	464		ug/L		73	56 - 124
Vinyl chloride	42		200	252		ug/L		105	49 - 136
Surrogate	MS %Recovery	MS Qualifier	Limits						
4-Bromofluorobenzene (Surr)	112		47 - 134						
Dibromofluoromethane (Surr)	101		78 - 129						
1,2-Dichloroethane-d4 (Surr)	113		75 - 130						
Toluene-d8 (Surr)	109		69 - 122						

Lab Sample ID: 240-147939-14 MSD

Matrix: Water

Analysis Batch: 482856

Client Sample ID: T-002

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Carbon tetrachloride	ND		200	192		ug/L		96	53 - 142	2	35
Chloroform	ND		200	227		ug/L		114	66 - 126	3	35
cis-1,2-Dichloroethene	710		200	877	E	ug/L		82	68 - 121	3	35
1,1-Dichloroethane	22		200	255		ug/L		116	71 - 121	1	35
1,1-Dichloroethene	4.9	J	200	237		ug/L		116	64 - 132	2	35
Methylene Chloride	ND		200	243		ug/L		122	59 - 127	1	32
Tetrachloroethene	ND		200	166		ug/L		83	52 - 129	2	35
trans-1,2-Dichloroethene	3.8	J	200	240		ug/L		118	69 - 126	1	35
1,1,1-Trichloroethane	ND		200	206		ug/L		103	62 - 135	2	35
Trichloroethene	320		200	472		ug/L		77	56 - 124	2	35
Vinyl chloride	42		200	260		ug/L		109	49 - 136	3	35
Surrogate	MSD %Recovery	MSD Qualifier	Limits								
4-Bromofluorobenzene (Surr)	111		47 - 134								
Dibromofluoromethane (Surr)	106		78 - 129								
1,2-Dichloroethane-d4 (Surr)	113		75 - 130								
Toluene-d8 (Surr)	112		69 - 122								

Lab Sample ID: MB 240-483266/8

Matrix: Water

Analysis Batch: 483266

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Carbon tetrachloride	ND		1.0	0.26	ug/L			04/28/21 20:10	1
Chloroform	ND		1.0	0.13	ug/L			04/28/21 20:10	1
cis-1,2-Dichloroethene	ND		1.0	0.16	ug/L			04/28/21 20:10	1
1,1-Dichloroethane	ND		1.0	0.17	ug/L			04/28/21 20:10	1
1,1-Dichloroethene	ND		1.0	0.19	ug/L			04/28/21 20:10	1
Methylene Chloride	ND		5.0	2.6	ug/L			04/28/21 20:10	1
Tetrachloroethene	ND		1.0	0.15	ug/L			04/28/21 20:10	1
trans-1,2-Dichloroethene	ND		1.0	0.19	ug/L			04/28/21 20:10	1

Eurofins TestAmerica, Canton

QC Sample Results

Client: AECOM
Project/Site: BP Sanborn

Job ID: 240-147939-1

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: MB 240-483266/8

Matrix: Water

Analysis Batch: 483266

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0	0.24	ug/L			04/28/21 20:10	1
Trichloroethene	ND		1.0	0.10	ug/L			04/28/21 20:10	1
Vinyl chloride	ND		1.0	0.20	ug/L			04/28/21 20:10	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	101		47 - 134		04/28/21 20:10	1
Dibromofluoromethane (Surr)	110		78 - 129		04/28/21 20:10	1
1,2-Dichloroethane-d4 (Surr)	125		75 - 130		04/28/21 20:10	1
Toluene-d8 (Surr)	109		69 - 122		04/28/21 20:10	1

Lab Sample ID: LCS 240-483266/5

Matrix: Water

Analysis Batch: 483266

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Carbon tetrachloride	20.0	20.7		ug/L		104	61 - 142
Chloroform	20.0	22.9		ug/L		114	74 - 127
cis-1,2-Dichloroethene	20.0	21.1		ug/L		106	75 - 124
1,1-Dichloroethane	20.0	23.7		ug/L		118	74 - 126
1,1-Dichloroethene	20.0	24.6		ug/L		123	73 - 129
Methylene Chloride	20.0	24.4		ug/L		122	63 - 134
Tetrachloroethene	20.0	18.4		ug/L		92	70 - 125
trans-1,2-Dichloroethene	20.0	24.1		ug/L		120	74 - 130
1,1,1-Trichloroethane	20.0	21.3		ug/L		107	65 - 141
Trichloroethene	20.0	18.6		ug/L		93	71 - 121
Vinyl chloride	20.0	23.6		ug/L		118	61 - 134

Surrogate	LCS %Recovery	LCS Qualifier	Limits
4-Bromofluorobenzene (Surr)	112		47 - 134
Dibromofluoromethane (Surr)	104		78 - 129
1,2-Dichloroethane-d4 (Surr)	111		75 - 130
Toluene-d8 (Surr)	112		69 - 122

Lab Sample ID: 240-147939-20 MS

Matrix: Water

Analysis Batch: 483266

Client Sample ID: PW-4

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Carbon tetrachloride	ND		1000	973		ug/L		97	53 - 142
Chloroform	ND		1000	1120		ug/L		112	66 - 126
cis-1,2-Dichloroethene	300		1000	1350		ug/L		105	68 - 121
1,1-Dichloroethane	ND	F1	1000	1210		ug/L		121	71 - 121
1,1-Dichloroethene	ND		1000	1270		ug/L		127	64 - 132
Methylene Chloride	ND	F1	1000	1230		ug/L		123	59 - 127
Tetrachloroethene	ND		1000	871		ug/L		87	52 - 129
trans-1,2-Dichloroethene	ND	F1	1000	1220		ug/L		122	69 - 126
1,1,1-Trichloroethane	29	J	1000	1030		ug/L		100	62 - 135
Trichloroethene	1600		1000	2390		ug/L		82	56 - 124

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QC Sample Results

Client: AECOM
Project/Site: BP Sanborn

Job ID: 240-147939-1

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: 240-147939-20 MS

Matrix: Water

Analysis Batch: 483266

Client Sample ID: PW-4

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Vinyl chloride	ND		1000	1180		ug/L		118	49 - 136
Surrogate	MS %Recovery	MS Qualifier	Limits						
4-Bromofluorobenzene (Surr)	114		47 - 134						
Dibromofluoromethane (Surr)	104		78 - 129						
1,2-Dichloroethane-d4 (Surr)	112		75 - 130						
Toluene-d8 (Surr)	113		69 - 122						

Lab Sample ID: 240-147939-20 MSD

Matrix: Water

Analysis Batch: 483266

Client Sample ID: PW-4

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Carbon tetrachloride	ND		1000	1010		ug/L		101	53 - 142	3	35
Chloroform	ND		1000	1170		ug/L		117	66 - 126	4	35
cis-1,2-Dichloroethene	300		1000	1370		ug/L		106	68 - 121	1	35
1,1-Dichloroethane	ND	F1	1000	1230	F1	ug/L		123	71 - 121	1	35
1,1-Dichloroethene	ND		1000	1270		ug/L		127	64 - 132	0	35
Methylene Chloride	ND	F1	1000	1330	F1	ug/L		133	59 - 127	8	32
Tetrachloroethene	ND		1000	872		ug/L		87	52 - 129	0	35
trans-1,2-Dichloroethene	ND	F1	1000	1270	F1	ug/L		127	69 - 126	4	35
1,1,1-Trichloroethane	29	J	1000	1070		ug/L		104	62 - 135	4	35
Trichloroethene	1600		1000	2410		ug/L		84	56 - 124	1	35
Vinyl chloride	ND		1000	1210		ug/L		121	49 - 136	2	35
Surrogate	MSD %Recovery	MSD Qualifier	Limits								
4-Bromofluorobenzene (Surr)	115		47 - 134								
Dibromofluoromethane (Surr)	103		78 - 129								
1,2-Dichloroethane-d4 (Surr)	117		75 - 130								
Toluene-d8 (Surr)	114		69 - 122								

Method: RSK-175 - Dissolved Gases (GC)

Lab Sample ID: MB 240-482930/3

Matrix: Water

Analysis Batch: 482930

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methane	ND		1.0	0.17	ug/L			04/27/21 10:35	1
Ethane	ND		1.0	0.29	ug/L			04/27/21 10:35	1
Ethylene	ND		1.0	0.27	ug/L			04/27/21 10:35	1
Surrogate	MB %Recovery	MB Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,1,1-Trifluoroethane	115		60 - 140					04/27/21 10:35	1

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QC Sample Results

Client: AECOM
Project/Site: BP Sanborn

Job ID: 240-147939-1

Method: RSK-175 - Dissolved Gases (GC) (Continued)

Lab Sample ID: LCS 240-482930/4

Matrix: Water

Analysis Batch: 482930

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Methane	477	492		ug/L		103	80 - 120
Ethane	452	489		ug/L		108	80 - 120
Ethylene	384	455		ug/L		119	80 - 120

Surrogate	LCS %Recovery	LCS Qualifier	Limits
1,1,1-Trifluoroethane	111		60 - 140

Lab Sample ID: MB 240-483155/31

Matrix: Water

Analysis Batch: 483155

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methane	ND		1.0	0.17	ug/L			04/28/21 17:38	1
Ethane	ND		1.0	0.29	ug/L			04/28/21 17:38	1
Ethylene	ND		1.0	0.27	ug/L			04/28/21 17:38	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,1,1-Trifluoroethane	116		60 - 140		04/28/21 17:38	1

Lab Sample ID: LCS 240-483155/32

Matrix: Water

Analysis Batch: 483155

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Methane	477	523		ug/L		110	80 - 120
Ethane	452	520		ug/L		115	80 - 120
Ethylene	384	482	*+	ug/L		125	80 - 120

Surrogate	LCS %Recovery	LCS Qualifier	Limits
1,1,1-Trifluoroethane	118		60 - 140

Method: 6010C - Metals (ICP)

Lab Sample ID: MB 240-484917/1-A

Matrix: Water

Analysis Batch: 485293

Client Sample ID: Method Blank

Prep Type: Total Recoverable

Prep Batch: 484917

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Iron	ND		200	26	ug/L		05/10/21 14:00	05/11/21 20:24	1

Lab Sample ID: LCS 240-484917/2-A

Matrix: Water

Analysis Batch: 485293

Client Sample ID: Lab Control Sample

Prep Type: Total Recoverable

Prep Batch: 484917

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Iron	10000	9470		ug/L		95	80 - 120

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QC Sample Results

Client: AECOM
Project/Site: BP Sanborn

Job ID: 240-147939-1

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 240-483842/3

Matrix: Water

Analysis Batch: 483842

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			05/03/21 14:48	1

Lab Sample ID: LCS 240-483842/4

Matrix: Water

Analysis Batch: 483842

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	50.8		mg/L		102	90 - 110

Lab Sample ID: 240-147939-17 MS

Matrix: Water

Analysis Batch: 483842

Client Sample ID: P-4

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Sulfate	140		500	634		mg/L		99	80 - 120

Lab Sample ID: 240-147939-17 MSD

Matrix: Water

Analysis Batch: 483842

Client Sample ID: P-4

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	Limit
Sulfate	140		500	633		mg/L		99	80 - 120	0	15

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

Lab Sample ID: MB 240-483101/4

Matrix: Water

Analysis Batch: 483101

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	0.35	mg/L			04/27/21 12:27	1

Lab Sample ID: LCS 240-483101/6

Matrix: Water

Analysis Batch: 483101

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Total Organic Carbon	24.2	23.1		mg/L		95	85 - 115

Lab Sample ID: LLCs 240-483101/5

Matrix: Water

Analysis Batch: 483101

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	6.05	5.86		mg/L		97	88 - 115

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QC Sample Results

Client: AECOM
Project/Site: BP Sanborn

Job ID: 240-147939-1

Method: SM 3500 Fe B - Iron, Ferrous

Lab Sample ID: MB 240-482388/3

Matrix: Water

Analysis Batch: 482388

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ferrous Iron	ND		0.050	0.023	mg/L			04/22/21 14:47	1

Lab Sample ID: LCS 240-482388/4

Matrix: Water

Analysis Batch: 482388

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Ferrous Iron	1.00	0.907		mg/L		91	80 - 124

Lab Sample ID: 240-147939-17 MS

Matrix: Water

Analysis Batch: 482388

Client Sample ID: P-4

Prep Type: Dissolved

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Ferrous Iron	ND	HF	1.00	0.887		mg/L		89	31 - 168

Lab Sample ID: 240-147939-17 MSD

Matrix: Water

Analysis Batch: 482388

Client Sample ID: P-4

Prep Type: Dissolved

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Ferrous Iron	ND	HF	1.00	0.917		mg/L		92	31 - 168	3	12

QC Association Summary

Client: AECOM
Project/Site: BP Sanborn

Job ID: 240-147939-1

GC/MS VOA

Analysis Batch: 482754

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-147939-1	B-38M	Total/NA	Water	8260C	
240-147939-2	QUARRY POND	Total/NA	Water	8260C	
240-147939-3	B-33M	Total/NA	Water	8260C	
240-147939-4	B-23M	Total/NA	Water	8260C	
240-147939-5	FD-042021	Total/NA	Water	8260C	
240-147939-6	B-29M	Total/NA	Water	8260C	
240-147939-7	B-24M	Total/NA	Water	8260C	
240-147939-8	B-56M	Total/NA	Water	8260C	
240-147939-9	B-46M	Total/NA	Water	8260C	
240-147939-10	B-7M	Total/NA	Water	8260C	
240-147939-11	B-44M	Total/NA	Water	8260C	
MB 240-482754/8	Method Blank	Total/NA	Water	8260C	
LCS 240-482754/5	Lab Control Sample	Total/NA	Water	8260C	
240-147939-3 MS	B-33M	Total/NA	Water	8260C	
240-147939-3 MSD	B-33M	Total/NA	Water	8260C	

Analysis Batch: 482856

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-147939-12	B-43M	Total/NA	Water	8260C	
240-147939-13	B-42M	Total/NA	Water	8260C	
240-147939-14	T-002	Total/NA	Water	8260C	
240-147939-15	P-2	Total/NA	Water	8260C	
240-147939-16	P-3	Total/NA	Water	8260C	
240-147939-17	P-4	Total/NA	Water	8260C	
MB 240-482856/8	Method Blank	Total/NA	Water	8260C	
LCS 240-482856/5	Lab Control Sample	Total/NA	Water	8260C	
240-147939-14 MS	T-002	Total/NA	Water	8260C	
240-147939-14 MSD	T-002	Total/NA	Water	8260C	

Analysis Batch: 483266

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-147939-18	PW-1	Total/NA	Water	8260C	
240-147939-19	PW-3	Total/NA	Water	8260C	
240-147939-20	PW-4	Total/NA	Water	8260C	
MB 240-483266/8	Method Blank	Total/NA	Water	8260C	
LCS 240-483266/5	Lab Control Sample	Total/NA	Water	8260C	
240-147939-20 MS	PW-4	Total/NA	Water	8260C	
240-147939-20 MSD	PW-4	Total/NA	Water	8260C	

GC VOA

Analysis Batch: 482930

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-147939-17	P-4	Total/NA	Water	RSK-175	
240-147939-19	PW-3	Total/NA	Water	RSK-175	
MB 240-482930/3	Method Blank	Total/NA	Water	RSK-175	
LCS 240-482930/4	Lab Control Sample	Total/NA	Water	RSK-175	

Analysis Batch: 483155

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-147939-17	P-4	Total/NA	Water	RSK-175	

Eurofins TestAmerica, Canton

QC Association Summary

Client: AECOM
Project/Site: BP Sanborn

Job ID: 240-147939-1

GC VOA (Continued)

Analysis Batch: 483155 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 240-483155/31	Method Blank	Total/NA	Water	RSK-175	
LCS 240-483155/32	Lab Control Sample	Total/NA	Water	RSK-175	

Metals

Prep Batch: 484917

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-147939-17	P-4	Total Recoverable	Water	3005A	
240-147939-19	PW-3	Total Recoverable	Water	3005A	
MB 240-484917/1-A	Method Blank	Total Recoverable	Water	3005A	
LCS 240-484917/2-A	Lab Control Sample	Total Recoverable	Water	3005A	

Analysis Batch: 485293

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-147939-17	P-4	Total Recoverable	Water	6010C	484917
240-147939-19	PW-3	Total Recoverable	Water	6010C	484917
MB 240-484917/1-A	Method Blank	Total Recoverable	Water	6010C	484917
LCS 240-484917/2-A	Lab Control Sample	Total Recoverable	Water	6010C	484917

General Chemistry

Analysis Batch: 482388

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-147939-17	P-4	Dissolved	Water	SM 3500 Fe B	
240-147939-19	PW-3	Dissolved	Water	SM 3500 Fe B	
MB 240-482388/3	Method Blank	Total/NA	Water	SM 3500 Fe B	
LCS 240-482388/4	Lab Control Sample	Total/NA	Water	SM 3500 Fe B	
240-147939-17 MS	P-4	Dissolved	Water	SM 3500 Fe B	
240-147939-17 MSD	P-4	Dissolved	Water	SM 3500 Fe B	

Analysis Batch: 482428

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-147939-17	P-4	Total/NA	Water	SM 3500	
240-147939-19	PW-3	Total/NA	Water	SM 3500	

Analysis Batch: 483101

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-147939-17	P-4	Total/NA	Water	5310C-2011	
240-147939-19	PW-3	Total/NA	Water	5310C-2011	
MB 240-483101/4	Method Blank	Total/NA	Water	5310C-2011	
LCS 240-483101/6	Lab Control Sample	Total/NA	Water	5310C-2011	
LLCS 240-483101/5	Lab Control Sample	Total/NA	Water	5310C-2011	

Analysis Batch: 483842

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-147939-17	P-4	Total/NA	Water	300.0	
240-147939-19	PW-3	Total/NA	Water	300.0	
MB 240-483842/3	Method Blank	Total/NA	Water	300.0	
LCS 240-483842/4	Lab Control Sample	Total/NA	Water	300.0	
240-147939-17 MS	P-4	Total/NA	Water	300.0	
240-147939-17 MSD	P-4	Total/NA	Water	300.0	

Eurofins TestAmerica, Canton

Lab Chronicle

Client: AECOM
Project/Site: BP Sanborn

Job ID: 240-147939-1

Client Sample ID: B-38M

Date Collected: 04/19/21 13:48

Date Received: 04/22/21 09:40

Lab Sample ID: 240-147939-1

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	482754	04/26/21 16:39	HMB	TAL CAN

Client Sample ID: QUARRY POND

Date Collected: 04/19/21 14:20

Date Received: 04/22/21 09:40

Lab Sample ID: 240-147939-2

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	482754	04/26/21 17:04	HMB	TAL CAN

Client Sample ID: B-33M

Date Collected: 04/19/21 15:43

Date Received: 04/22/21 09:40

Lab Sample ID: 240-147939-3

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	482754	04/26/21 17:28	HMB	TAL CAN

Client Sample ID: B-23M

Date Collected: 04/20/21 08:55

Date Received: 04/22/21 09:40

Lab Sample ID: 240-147939-4

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		5	482754	04/26/21 17:52	HMB	TAL CAN

Client Sample ID: FD-042021

Date Collected: 04/20/21 00:00

Date Received: 04/22/21 09:40

Lab Sample ID: 240-147939-5

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		5	482754	04/26/21 18:16	HMB	TAL CAN

Client Sample ID: B-29M

Date Collected: 04/20/21 08:56

Date Received: 04/22/21 09:40

Lab Sample ID: 240-147939-6

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	482754	04/26/21 18:40	HMB	TAL CAN

Client Sample ID: B-24M

Date Collected: 04/20/21 10:20

Date Received: 04/22/21 09:40

Lab Sample ID: 240-147939-7

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	482754	04/26/21 19:04	HMB	TAL CAN

Eurofins TestAmerica, Canton

Lab Chronicle

Client: AECOM
Project/Site: BP Sanborn

Job ID: 240-147939-1

Client Sample ID: B-56M

Date Collected: 04/20/21 10:20

Date Received: 04/22/21 09:40

Lab Sample ID: 240-147939-8

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		4	482754	04/26/21 19:28	HMB	TAL CAN

Client Sample ID: B-46M

Date Collected: 04/20/21 11:47

Date Received: 04/22/21 09:40

Lab Sample ID: 240-147939-9

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	482754	04/26/21 19:53	HMB	TAL CAN

Client Sample ID: B-7M

Date Collected: 04/20/21 12:42

Date Received: 04/22/21 09:40

Lab Sample ID: 240-147939-10

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	482754	04/26/21 20:17	HMB	TAL CAN

Client Sample ID: B-44M

Date Collected: 04/20/21 14:12

Date Received: 04/22/21 09:40

Lab Sample ID: 240-147939-11

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	482754	04/26/21 20:41	HMB	TAL CAN

Client Sample ID: B-43M

Date Collected: 04/20/21 15:00

Date Received: 04/22/21 09:40

Lab Sample ID: 240-147939-12

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	482856	04/26/21 23:21	TJL1	TAL CAN

Client Sample ID: B-42M

Date Collected: 04/20/21 15:37

Date Received: 04/22/21 09:40

Lab Sample ID: 240-147939-13

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	482856	04/26/21 23:44	TJL1	TAL CAN

Client Sample ID: T-002

Date Collected: 04/21/21 09:35

Date Received: 04/22/21 09:40

Lab Sample ID: 240-147939-14

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		10	482856	04/27/21 00:06	TJL1	TAL CAN

Eurofins TestAmerica, Canton

Lab Chronicle

Client: AECOM
Project/Site: BP Sanborn

Job ID: 240-147939-1

Client Sample ID: P-2

Lab Sample ID: 240-147939-15

Date Collected: 04/21/21 12:25

Matrix: Water

Date Received: 04/22/21 09:40

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		100	482856	04/27/21 01:35	TJL1	TAL CAN

Client Sample ID: P-3

Lab Sample ID: 240-147939-16

Date Collected: 04/21/21 13:15

Matrix: Water

Date Received: 04/22/21 09:40

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	482856	04/27/21 01:57	TJL1	TAL CAN

Client Sample ID: P-4

Lab Sample ID: 240-147939-17

Date Collected: 04/21/21 14:00

Matrix: Water

Date Received: 04/22/21 09:40

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		40	482856	04/27/21 02:19	TJL1	TAL CAN
Total/NA	Analysis	RSK-175		1	482930	04/27/21 15:19	JBN	TAL CAN
Total/NA	Analysis	RSK-175		1	483155	04/28/21 18:13	JBN	TAL CAN
Total Recoverable	Prep	3005A			484917	05/10/21 14:00	MRL	TAL CAN
Total Recoverable	Analysis	6010C		1	485293	05/11/21 21:48	KLC	TAL CAN
Total/NA	Analysis	300.0		10	483842	05/03/21 15:31	JMB	TAL CAN
Total/NA	Analysis	5310C-2011		1	483101	04/27/21 17:08	TPH	TAL CAN
Total/NA	Analysis	SM 3500		1	482428	05/04/21 21:51	JWW	TAL CAN
Dissolved	Analysis	SM 3500 Fe B		1	482388	04/22/21 14:50	BLW	TAL CAN

Client Sample ID: PW-1

Lab Sample ID: 240-147939-18

Date Collected: 04/21/21 12:50

Matrix: Water

Date Received: 04/22/21 09:40

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		400	483266	04/28/21 20:33	TJL1	TAL CAN

Client Sample ID: PW-3

Lab Sample ID: 240-147939-19

Date Collected: 04/21/21 11:55

Matrix: Water

Date Received: 04/22/21 09:40

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		200	483266	04/28/21 20:55	TJL1	TAL CAN
Total/NA	Analysis	RSK-175		1	482930	04/27/21 15:36	JBN	TAL CAN
Total Recoverable	Prep	3005A			484917	05/10/21 14:00	MRL	TAL CAN
Total Recoverable	Analysis	6010C		1	485293	05/11/21 21:52	KLC	TAL CAN
Total/NA	Analysis	300.0		20	483842	05/03/21 16:36	JMB	TAL CAN
Total/NA	Analysis	5310C-2011		1	483101	04/27/21 17:23	TPH	TAL CAN
Total/NA	Analysis	SM 3500		1	482428	05/04/21 21:51	JWW	TAL CAN
Dissolved	Analysis	SM 3500 Fe B		1	482388	04/22/21 14:53	BLW	TAL CAN

Eurofins TestAmerica, Canton

Lab Chronicle

Client: AECOM
Project/Site: BP Sanborn

Job ID: 240-147939-1

Client Sample ID: PW-4

Lab Sample ID: 240-147939-20

Date Collected: 04/21/21 12:35

Matrix: Water

Date Received: 04/22/21 09:40

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		50	483266	04/28/21 21:17	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: 240-147939-1

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	03-31-22

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
SM 3500		Water	Ferric Iron
SM 3500 Fe B		Water	Ferrous Iron

Laboratory Management Program LAMP Chain of Custody Record

Page 1 of 3

Req Due Date (mm/dd/yy):

BP Sanborn

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:	60481767.102.20.10	
Lab PM:	Opal Johnson		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	
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	VOCs - 8260C	RSK-175	Methane/Ethane/Ethene	Total Organic Carbon	Sulfate	Ferric Iron		Ferrous Iron (field filtered)
B-38M		4/19/21	1348	X			3												
B-38M MS/MSD	Quarry Pond	4/19/21	1420	X			3												
B-23M		4/19/21	1543	X			9												
B-23M		4/20/21	0855	X			3												
FD-042021		4/20/21	-	X			3												
B-29M		4/20/21	0856	X			3												
B-24M		4/20/21	1020	X			3												
B-56M		4/20/21	1020	X			3												
B-46M		4/20/21	1147	X			3												
B-7M		4/20/21	1242	X			3												

Relinquished By / Affiliation	Date	Time	Accepted By / Affiliation	Date	Time
<i>[Signature]</i> AECOM	4/21/21	1535	<i>[Signature]</i>		
<i>[Signature]</i> AECOM	4/21/21	1700	<i>[Signature]</i>		

Shipper's Name: AECOM

Shipper's Company: AECOM

Shipment Method: Drop Off at TA Buffalo Ship Date:

Shipment Tracking No:

Special Instructions: Please Bill Sanborn Samples to AECOM PO# P097842 Line 11 (Task 102.20.10.H)

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

Laboratory Management Program LaMP Chain of Custody Record

Page 2 of 3

Rush TAT: Yes No X

Req Due Date (mm/dd/yy):

BP/ARC Project Name: BP Sanborn

BP/ARC Project Name:

Req Due Date (mm/dd/yy):

BP/ARC Facility No:

Lab Work Order Number:

Lab Name:	Test America, Canton	BPI/ARC Facility Address:	2040 Cory Dr.	AECOM
Lab Address:	4101 Shuffel St. NW Canton, OH 44720	City, State, ZIP Code:	Sanborn, NY 14120	60481767.102.20.10
Lab PM:	Opal Johnson	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 Acctnt:		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	VOCs - 8260C	RSK-175	Methane/Ethane/Ethene	Total Organic Carbon	Sulfate	Ferrous Iron + Ferrous Iron (field filtered)	Standard X	Full Data Package		
B-414M		4/20/21	1412	X			3														
B-413M		4/20/21	1500	X			3														
B-412M		7/20/21	1537	X			3														
T-002 MS/MSD		4/21/21	0935	X			9														
P-2		4/21/21	1225	X			3														
P-3		4/21/21	1315	X			3														
P-4		4/21/21	1400	X			10	2	2	6											
PW-1		4/21/21	1250	X			3														
PW-3		4/21/21	1155	X			10	2	2	6											
PW-4		4/21/24	1235	X			3														

Sampler's Name:			Relinquished By / Affiliation	Date	Time	Accepted By / Affiliation	Date	Time
Sampler's Company:	AECOM		<i>[Signature]</i>	4/21/21	1535	<i>[Signature]</i>	4/21/21	1535
Shipment Method:	Drop Off at TA Buffalo		Ship Date:					
Shipment Tracking No:			<i>[Signature]</i>			<i>[Signature]</i>		

Special Instructions: Please Bill Sanborn Samples to AECOM PO# P097842 Line 11 (Task 102.20.10.H)

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

Eurofins TestAmerica Canton Sample Receipt Form/Narrative
Canton Facility

Login # : 147939

Client AECOM Site Name _____ Cooler unpacked by: matism
Cooler Received on 4-22-21 Opened on 4-22-21
FedEx: 1st Grd Exp UPS FAS Clipper Client Drop Off TestAmerica Courier Other _____

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

TestAmerica Cooler # 1 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-11 (CF +0.1 °C) Observed Cooler Temp. 3.1 °C Corrected Cooler Temp. 3.2 °C
IR GUN #IR-12 (CF +0.2°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 (ID/Date/Time) be reconciled with the COC? Yes No

9. For each sample, does the COC specify preservatives (Y/N), # of containers (Y/N), and sample type of grab/comp (Y/N)? Yes No

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

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

12. Are these work share samples and all listed on the COC? Yes No

If yes, Questions 13-17 have been checked at the originating laboratory.

13. Were all preserved sample(s) at the correct pH upon receipt? Yes No NA pH Strip Lot# HC022887

14. Were VOAs on the COC? Yes No

15. Were air bubbles >6 mm in any VOA vials? Yes No NA

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

17. Was a LL Hg or Me Hg trip blank present? Yes No

Tests that are not
checked for pH by
Receiving:

VOAs
Oil and Grease
TOC

Contacted PM _____ Date _____ by _____ via Verbal Voice Mail Other _____

Concerning _____

18. CHAIN OF CUSTODY & SAMPLE DISCREPANCIES ☐ additional next page

Samples processed by: _____

Did not receive any volume for FD-042121

19. SAMPLE CONDITION

Sample(s) _____ were received after the recommended holding time had expired.

Sample(s) _____ were received in a broken container.

Sample(s) _____ were received with bubble >6 mm in diameter. (Notify PM)

20. SAMPLE PRESERVATION

Sample(s) _____ were further preserved in the laboratory.

Time preserved: _____ Preservative(s) added/Lot number(s): _____

VOA Sample Preservation - Date/Time VOAs Frozen: _____

ANALYTICAL REPORT

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

Laboratory Job ID: 240-148022-1
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:
5/13/2021 4:57:05 PM

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

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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: 240-148022-1

Qualifiers

GC/MS VOA

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.

GC VOA

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.

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
HF	Field parameter with a holding time of 15 minutes. Test performed by laboratory at client's request.
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
CFU	Colony Forming Unit
CNF	Contains No Free Liquid
DER	Duplicate Error Ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL	Detection Limit (DoD/DOE)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision Level Concentration (Radiochemistry)
EDL	Estimated Detection Limit (Dioxin)
LOD	Limit of Detection (DoD/DOE)
LOQ	Limit of Quantitation (DoD/DOE)
MCL	EPA recommended "Maximum Contaminant Level"
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
MPN	Most Probable Number
MQL	Method Quantitation Limit
NC	Not Calculated
ND	Not Detected at the reporting limit (or MDL or EDL if shown)
NEG	Negative / Absent
POS	Positive / Present
PQL	Practical Quantitation Limit
PRES	Presumptive
QC	Quality Control
RER	Relative Error Ratio (Radiochemistry)
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)
TNTC	Too Numerous To Count

Case Narrative

Client: AECOM
Project/Site: BP Sanborn

Job ID: 240-148022-1

Job ID: 240-148022-1

Laboratory: Eurofins TestAmerica, Canton

Narrative

CASE NARRATIVE

Client: AECOM

Project: BP Sanborn

Report Number: 240-148022-1

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 4/23/2021 10:20 AM. Unless otherwise noted below, the samples arrived in good condition, and where required, properly preserved and on ice. The temperature of the cooler at receipt was 3.4° C.

VOLATILE ORGANIC COMPOUNDS (GCMS)

Samples B-8M (240-148022-1), B-18M (240-148022-2), B-13M (240-148022-3), B-19M (240-148022-4), B-49M (240-148022-5), B-48M (240-148022-6) and TRIP BLANK (240-148022-7) were analyzed for volatile organic compounds (GCMS) in accordance with EPA SW-846 Method 8260C. The samples were analyzed on 04/28/2021 and 04/29/2021.

Samples B-8M (240-148022-1)[200X], B-18M (240-148022-2)[4X] and B-13M (240-148022-3)[12.5X] required dilution prior to analysis. The reporting limits have been adjusted accordingly.

The continuing calibration verification (CCV) analyzed in batch 240-483266 was outside the method criteria for 1,1-dichloroethane. A CCV standard at or below the reporting limit (RL) was analyzed with the affected samples and found to be acceptable. As indicated in the reference method, sample analysis may proceed; however, any detection for the affected analyte(s) is considered estimated.

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

DISSOLVED GASES

Samples B-8M (240-148022-1), B-18M (240-148022-2), B-13M (240-148022-3) and B-19M (240-148022-4) were analyzed for dissolved gases in accordance with RSK_175. The samples were analyzed on 04/29/2021.

Case Narrative

Client: AECOM
Project/Site: BP Sanborn

Job ID: 240-148022-1

Job ID: 240-148022-1 (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.

FERRIC IRON

Samples B-8M (240-148022-1), B-18M (240-148022-2), B-13M (240-148022-3) and B-19M (240-148022-4) were analyzed for ferric iron in accordance with Standard Method 3500 F+3. The samples were analyzed on 05/04/2021.

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

TOTAL RECOVERABLE METALS (ICP)

Samples B-8M (240-148022-1), B-18M (240-148022-2), B-13M (240-148022-3) and B-19M (240-148022-4) were analyzed for total recoverable metals (ICP) in accordance with EPA SW-846 Method 6010C. The samples were prepared on 05/10/2021 and analyzed on 05/11/2021.

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

ANIONS

Samples B-8M (240-148022-1), B-18M (240-148022-2), B-13M (240-148022-3) and B-19M (240-148022-4) were analyzed for anions in accordance with EPA Method 300.0. The samples were analyzed on 05/05/2021 and 05/13/2021.

Samples B-8M (240-148022-1)[10X], B-18M (240-148022-2)[5X], B-13M (240-148022-3)[10X] and B-19M (240-148022-4)[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.

FERROUS IRON

Samples B-8M (240-148022-1), B-18M (240-148022-2), B-13M (240-148022-3) and B-19M (240-148022-4) were analyzed for ferrous iron in accordance with SM 3500 F+2 B. The samples were analyzed on 04/28/2021.

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

TOTAL ORGANIC CARBON

Samples B-8M (240-148022-1), B-18M (240-148022-2), B-13M (240-148022-3) and B-19M (240-148022-4) were analyzed for total organic carbon in accordance with SM 5310. The samples were analyzed on 04/28/2021.

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: 240-148022-1

Method	Method Description	Protocol	Laboratory
8260C	Volatile Organic Compounds by GC/MS	SW846	TAL CAN
RSK-175	Dissolved Gases (GC)	RSK	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
SM 3500	Iron, Ferric	SM	TAL CAN
SM 3500 Fe B	Iron, Ferrous	SM	TAL CAN
3005A	Preparation, Total Recoverable or Dissolved Metals	SW846	TAL CAN
5030C	Purge and Trap	SW846	TAL CAN

Protocol References:

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

RSK = Sample Prep And Calculations For Dissolved Gas Analysis In Water Samples Using A GC Headspace Equilibration Technique, RSKSOP-175, Rev. 0, 8/11/94, USEPA Research Lab

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: 240-148022-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Asset ID
240-148022-1	B-8M	Water	04/22/21 10:18	04/23/21 10:20	
240-148022-2	B-18M	Water	04/22/21 10:51	04/23/21 10:20	
240-148022-3	B-13M	Water	04/22/21 12:53	04/23/21 10:20	
240-148022-4	B-19M	Water	04/22/21 12:58	04/23/21 10:20	
240-148022-5	B-49M	Water	04/22/21 14:37	04/23/21 10:20	
240-148022-6	B-48M	Water	04/22/21 14:45	04/23/21 10:20	
240-148022-7	TRIP BLANK	Water	04/22/21 00:00	04/23/21 10:20	

Detection Summary

Client: AECOM
Project/Site: BP Sanborn

Job ID: 240-148022-1

Client Sample ID: B-8M

Lab Sample ID: 240-148022-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
cis-1,2-Dichloroethene	470		200	32	ug/L	200		8260C	Total/NA
Trichloroethene	5100		200	20	ug/L	200		8260C	Total/NA
Methane	2.3		1.0	0.17	ug/L	1		RSK-175	Total/NA
Ethane	0.89	J	1.0	0.29	ug/L	1		RSK-175	Total/NA
Ethylene	0.67	J	1.0	0.27	ug/L	1		RSK-175	Total/NA
Iron	370		200	26	ug/L	1		6010C	Total Recoverable
Sulfate	180		10	3.5	mg/L	10		300.0	Total/NA
Total Organic Carbon	3.4		1.0	0.35	mg/L	1		5310C-2011	Total/NA
Ferric Iron	0.37		0.10	0.023	mg/L	1		SM 3500	Total/NA
Iron	0.37		0.10	0.013	mg/L	1		SM 3500	Total/NA

Client Sample ID: B-18M

Lab Sample ID: 240-148022-2

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
cis-1,2-Dichloroethene	79		4.0	0.64	ug/L	4		8260C	Total/NA
trans-1,2-Dichloroethene	1.0	J	4.0	0.76	ug/L	4		8260C	Total/NA
Vinyl chloride	20		4.0	0.80	ug/L	4		8260C	Total/NA
Methane	2.8		1.0	0.17	ug/L	1		RSK-175	Total/NA
Ethane	0.59	J	1.0	0.29	ug/L	1		RSK-175	Total/NA
Ethylene	1.0		1.0	0.27	ug/L	1		RSK-175	Total/NA
Iron	50	J	200	26	ug/L	1		6010C	Total Recoverable
Sulfate	220		5.0	1.7	mg/L	5		300.0	Total/NA
Total Organic Carbon	1.4		1.0	0.35	mg/L	1		5310C-2011	Total/NA
Ferric Iron	0.050	J	0.10	0.023	mg/L	1		SM 3500	Total/NA
Iron	0.050	J	0.10	0.013	mg/L	1		SM 3500	Total/NA

Client Sample ID: B-13M

Lab Sample ID: 240-148022-3

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
cis-1,2-Dichloroethene	630		13	2.0	ug/L	12.5		8260C	Total/NA
1,1-Dichloroethane	16		13	2.1	ug/L	12.5		8260C	Total/NA
1,1-Dichloroethene	7.5	J	13	2.4	ug/L	12.5		8260C	Total/NA
Tetrachloroethene	3.0	J	13	1.9	ug/L	12.5		8260C	Total/NA
trans-1,2-Dichloroethene	7.9	J	13	2.4	ug/L	12.5		8260C	Total/NA
1,1,1-Trichloroethane	4.4	J	13	3.0	ug/L	12.5		8260C	Total/NA
Trichloroethene	810		13	1.3	ug/L	12.5		8260C	Total/NA
Vinyl chloride	16		13	2.5	ug/L	12.5		8260C	Total/NA
Methane	1.2		1.0	0.17	ug/L	1		RSK-175	Total/NA
Ethane	0.39	J	1.0	0.29	ug/L	1		RSK-175	Total/NA
Ethylene	0.39	J	1.0	0.27	ug/L	1		RSK-175	Total/NA
Iron	70	J	200	26	ug/L	1		6010C	Total Recoverable
Sulfate	370		10	3.5	mg/L	10		300.0	Total/NA
Total Organic Carbon	2.0		1.0	0.35	mg/L	1		5310C-2011	Total/NA
Ferric Iron	0.070	J	0.10	0.023	mg/L	1		SM 3500	Total/NA
Iron	0.070	J	0.10	0.013	mg/L	1		SM 3500	Total/NA

Client Sample ID: B-19M

Lab Sample ID: 240-148022-4

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
cis-1,2-Dichloroethene	3.0		1.0	0.16	ug/L	1		8260C	Total/NA

This Detection Summary does not include radiochemical test results.

Eurofins TestAmerica, Canton

Detection Summary

Client: AECOM
Project/Site: BP Sanborn

Job ID: 240-148022-1

Client Sample ID: B-19M (Continued)

Lab Sample ID: 240-148022-4

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,1-Dichloroethane	0.33	J	1.0	0.17	ug/L	1		8260C	Total/NA
Trichloroethene	0.21	J	1.0	0.10	ug/L	1		8260C	Total/NA
Vinyl chloride	0.89	J	1.0	0.20	ug/L	1		8260C	Total/NA
Methane	8.7		1.0	0.17	ug/L	1		RSK-175	Total/NA
Ethane	0.96	J	1.0	0.29	ug/L	1		RSK-175	Total/NA
Iron	220		200	26	ug/L	1		6010C	Total Recoverable
Sulfate	480		5.0	1.7	mg/L	5		300.0	Total/NA
Total Organic Carbon	1.4		1.0	0.35	mg/L	1		5310C-2011	Total/NA
Ferric Iron	0.22		0.10	0.023	mg/L	1		SM 3500	Total/NA
Iron	0.22		0.10	0.013	mg/L	1		SM 3500	Total/NA

Client Sample ID: B-49M

Lab Sample ID: 240-148022-5

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
cis-1,2-Dichloroethene	0.68	J	1.0	0.16	ug/L	1		8260C	Total/NA
1,1-Dichloroethane	0.32	J	1.0	0.17	ug/L	1		8260C	Total/NA
Trichloroethene	0.11	J	1.0	0.10	ug/L	1		8260C	Total/NA

Client Sample ID: B-48M

Lab Sample ID: 240-148022-6

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
cis-1,2-Dichloroethene	0.34	J	1.0	0.16	ug/L	1		8260C	Total/NA
Trichloroethene	0.72	J	1.0	0.10	ug/L	1		8260C	Total/NA

Client Sample ID: TRIP BLANK

Lab Sample ID: 240-148022-7

No Detections.

Client Sample Results

Client: AECOM
Project/Site: BP Sanborn

Job ID: 240-148022-1

Client Sample ID: B-8M

Lab Sample ID: 240-148022-1

Date Collected: 04/22/21 10:18

Matrix: Water

Date Received: 04/23/21 10:20

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Carbon tetrachloride	ND		200	52	ug/L			04/28/21 21:39	200
Chloroform	ND		200	26	ug/L			04/28/21 21:39	200
cis-1,2-Dichloroethene	470		200	32	ug/L			04/28/21 21:39	200
1,1-Dichloroethane	ND		200	34	ug/L			04/28/21 21:39	200
1,1-Dichloroethene	ND		200	38	ug/L			04/28/21 21:39	200
Methylene Chloride	ND		1000	520	ug/L			04/28/21 21:39	200
Tetrachloroethene	ND		200	30	ug/L			04/28/21 21:39	200
trans-1,2-Dichloroethene	ND		200	38	ug/L			04/28/21 21:39	200
1,1,1-Trichloroethane	ND		200	48	ug/L			04/28/21 21:39	200
Trichloroethene	5100		200	20	ug/L			04/28/21 21:39	200
Vinyl chloride	ND		200	40	ug/L			04/28/21 21:39	200

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	97		47 - 134		04/28/21 21:39	200
Dibromofluoromethane (Surr)	112		78 - 129		04/28/21 21:39	200
1,2-Dichloroethane-d4 (Surr)	127		75 - 130		04/28/21 21:39	200
Toluene-d8 (Surr)	109		69 - 122		04/28/21 21:39	200

Method: RSK-175 - Dissolved Gases (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methane	2.3		1.0	0.17	ug/L			04/29/21 13:56	1
Ethane	0.89	J	1.0	0.29	ug/L			04/29/21 13:56	1
Ethylene	0.67	J	1.0	0.27	ug/L			04/29/21 13:56	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,1,1-Trifluoroethane	114		60 - 140		04/29/21 13:56	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Iron	370		200	26	ug/L		05/10/21 14:00	05/11/21 21:56	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Sulfate	180		10	3.5	mg/L			05/05/21 05:34	10
Total Organic Carbon	3.4		1.0	0.35	mg/L			04/28/21 12:36	1
Ferric Iron	0.37		0.10	0.023	mg/L			05/04/21 21:51	1
Iron	0.37		0.10	0.013	mg/L			05/04/21 21:51	1

General Chemistry - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ferrous Iron	ND	HF	0.050	0.023	mg/L			04/28/21 08:47	1

Client Sample Results

Client: AECOM
Project/Site: BP Sanborn

Job ID: 240-148022-1

Client Sample ID: B-18M

Lab Sample ID: 240-148022-2

Date Collected: 04/22/21 10:51

Matrix: Water

Date Received: 04/23/21 10:20

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Carbon tetrachloride	ND		4.0	1.0	ug/L			04/29/21 20:01	4
Chloroform	ND		4.0	0.52	ug/L			04/29/21 20:01	4
cis-1,2-Dichloroethene	79		4.0	0.64	ug/L			04/29/21 20:01	4
1,1-Dichloroethane	ND		4.0	0.68	ug/L			04/29/21 20:01	4
1,1-Dichloroethene	ND		4.0	0.76	ug/L			04/29/21 20:01	4
Methylene Chloride	ND		20	10	ug/L			04/29/21 20:01	4
Tetrachloroethene	ND		4.0	0.60	ug/L			04/29/21 20:01	4
trans-1,2-Dichloroethene	1.0 J		4.0	0.76	ug/L			04/29/21 20:01	4
1,1,1-Trichloroethane	ND		4.0	0.96	ug/L			04/29/21 20:01	4
Trichloroethene	ND		4.0	0.40	ug/L			04/29/21 20:01	4
Vinyl chloride	20		4.0	0.80	ug/L			04/29/21 20:01	4

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	106		47 - 134		04/29/21 20:01	4
Dibromofluoromethane (Surr)	87		78 - 129		04/29/21 20:01	4
1,2-Dichloroethane-d4 (Surr)	91		75 - 130		04/29/21 20:01	4
Toluene-d8 (Surr)	115		69 - 122		04/29/21 20:01	4

Method: RSK-175 - Dissolved Gases (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methane	2.8		1.0	0.17	ug/L			04/29/21 14:13	1
Ethane	0.59 J		1.0	0.29	ug/L			04/29/21 14:13	1
Ethylene	1.0		1.0	0.27	ug/L			04/29/21 14:13	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,1,1-Trifluoroethane	114		60 - 140		04/29/21 14:13	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Iron	50 J		200	26	ug/L		05/10/21 14:00	05/11/21 22:01	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Sulfate	220		5.0	1.7	mg/L			05/13/21 07:00	5
Total Organic Carbon	1.4		1.0	0.35	mg/L			04/28/21 12:49	1
Ferric Iron	0.050 J		0.10	0.023	mg/L			05/04/21 21:51	1
Iron	0.050 J		0.10	0.013	mg/L			05/04/21 21:51	1

General Chemistry - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ferrous Iron	ND	HF	0.050	0.023	mg/L			04/28/21 08:47	1

Client Sample Results

Client: AECOM
Project/Site: BP Sanborn

Job ID: 240-148022-1

Client Sample ID: B-13M

Lab Sample ID: 240-148022-3

Date Collected: 04/22/21 12:53

Matrix: Water

Date Received: 04/23/21 10:20

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Carbon tetrachloride	ND		13	3.3	ug/L			04/28/21 22:23	12.5
Chloroform	ND		13	1.6	ug/L			04/28/21 22:23	12.5
cis-1,2-Dichloroethene	630		13	2.0	ug/L			04/28/21 22:23	12.5
1,1-Dichloroethane	16		13	2.1	ug/L			04/29/21 20:23	12.5
1,1-Dichloroethene	7.5	J	13	2.4	ug/L			04/28/21 22:23	12.5
Methylene Chloride	ND		63	33	ug/L			04/28/21 22:23	12.5
Tetrachloroethene	3.0	J	13	1.9	ug/L			04/28/21 22:23	12.5
trans-1,2-Dichloroethene	7.9	J	13	2.4	ug/L			04/28/21 22:23	12.5
1,1,1-Trichloroethane	4.4	J	13	3.0	ug/L			04/28/21 22:23	12.5
Trichloroethene	810		13	1.3	ug/L			04/28/21 22:23	12.5
Vinyl chloride	16		13	2.5	ug/L			04/28/21 22:23	12.5

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	99		47 - 134		04/28/21 22:23	12.5
4-Bromofluorobenzene (Surr)	106		47 - 134		04/29/21 20:23	12.5
Dibromofluoromethane (Surr)	110		78 - 129		04/28/21 22:23	12.5
Dibromofluoromethane (Surr)	88		78 - 129		04/29/21 20:23	12.5
1,2-Dichloroethane-d4 (Surr)	127		75 - 130		04/28/21 22:23	12.5
1,2-Dichloroethane-d4 (Surr)	92		75 - 130		04/29/21 20:23	12.5
Toluene-d8 (Surr)	112		69 - 122		04/28/21 22:23	12.5
Toluene-d8 (Surr)	113		69 - 122		04/29/21 20:23	12.5

Method: RSK-175 - Dissolved Gases (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methane	1.2		1.0	0.17	ug/L			04/29/21 14:30	1
Ethane	0.39	J	1.0	0.29	ug/L			04/29/21 14:30	1
Ethylene	0.39	J	1.0	0.27	ug/L			04/29/21 14:30	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,1,1-Trifluoroethane	114		60 - 140		04/29/21 14:30	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Iron	70	J	200	26	ug/L		05/10/21 14:00	05/11/21 22:05	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Sulfate	370		10	3.5	mg/L			05/05/21 06:14	10
Total Organic Carbon	2.0		1.0	0.35	mg/L			04/28/21 13:32	1
Ferric Iron	0.070	J	0.10	0.023	mg/L			05/04/21 21:51	1
Iron	0.070	J	0.10	0.013	mg/L			05/04/21 21:51	1

General Chemistry - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ferrous Iron	ND	HF	0.050	0.023	mg/L			04/28/21 08:47	1

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Client Sample Results

Client: AECOM
Project/Site: BP Sanborn

Job ID: 240-148022-1

Client Sample ID: B-19M

Lab Sample ID: 240-148022-4

Date Collected: 04/22/21 12:58

Matrix: Water

Date Received: 04/23/21 10:20

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Carbon tetrachloride	ND		1.0	0.26	ug/L			04/28/21 22:46	1
Chloroform	ND		1.0	0.13	ug/L			04/28/21 22:46	1
cis-1,2-Dichloroethene	3.0		1.0	0.16	ug/L			04/28/21 22:46	1
1,1-Dichloroethane	0.33	J	1.0	0.17	ug/L			04/28/21 22:46	1
1,1-Dichloroethene	ND		1.0	0.19	ug/L			04/28/21 22:46	1
Methylene Chloride	ND		5.0	2.6	ug/L			04/28/21 22:46	1
Tetrachloroethene	ND		1.0	0.15	ug/L			04/28/21 22:46	1
trans-1,2-Dichloroethene	ND		1.0	0.19	ug/L			04/28/21 22:46	1
1,1,1-Trichloroethane	ND		1.0	0.24	ug/L			04/28/21 22:46	1
Trichloroethene	0.21	J	1.0	0.10	ug/L			04/28/21 22:46	1
Vinyl chloride	0.89	J	1.0	0.20	ug/L			04/28/21 22:46	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	97		47 - 134		04/28/21 22:46	1
Dibromofluoromethane (Surr)	110		78 - 129		04/28/21 22:46	1
1,2-Dichloroethane-d4 (Surr)	125		75 - 130		04/28/21 22:46	1
Toluene-d8 (Surr)	107		69 - 122		04/28/21 22:46	1

Method: RSK-175 - Dissolved Gases (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methane	8.7		1.0	0.17	ug/L			04/29/21 14:47	1
Ethane	0.96	J	1.0	0.29	ug/L			04/29/21 14:47	1
Ethylene	ND		1.0	0.27	ug/L			04/29/21 14:47	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,1,1-Trifluoroethane	114		60 - 140					04/29/21 14:47	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Iron	220		200	26	ug/L		05/10/21 14:00	05/11/21 22:09	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Sulfate	480		5.0	1.7	mg/L			05/05/21 06:34	5
Total Organic Carbon	1.4		1.0	0.35	mg/L			04/28/21 13:46	1
Ferric Iron	0.22		0.10	0.023	mg/L			05/04/21 21:51	1
Iron	0.22		0.10	0.013	mg/L			05/04/21 21:51	1

General Chemistry - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ferrous Iron	ND	HF	0.050	0.023	mg/L			04/28/21 08:47	1

Client Sample Results

Client: AECOM
Project/Site: BP Sanborn

Job ID: 240-148022-1

Client Sample ID: B-49M

Lab Sample ID: 240-148022-5

Date Collected: 04/22/21 14:37

Matrix: Water

Date Received: 04/23/21 10:20

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Carbon tetrachloride	ND		1.0	0.26	ug/L			04/28/21 23:08	1
Chloroform	ND		1.0	0.13	ug/L			04/28/21 23:08	1
cis-1,2-Dichloroethene	0.68	J	1.0	0.16	ug/L			04/28/21 23:08	1
1,1-Dichloroethane	0.32	J	1.0	0.17	ug/L			04/28/21 23:08	1
1,1-Dichloroethene	ND		1.0	0.19	ug/L			04/28/21 23:08	1
Methylene Chloride	ND		5.0	2.6	ug/L			04/28/21 23:08	1
Tetrachloroethene	ND		1.0	0.15	ug/L			04/28/21 23:08	1
trans-1,2-Dichloroethene	ND		1.0	0.19	ug/L			04/28/21 23:08	1
1,1,1-Trichloroethane	ND		1.0	0.24	ug/L			04/28/21 23:08	1
Trichloroethene	0.11	J	1.0	0.10	ug/L			04/28/21 23:08	1
Vinyl chloride	ND		1.0	0.20	ug/L			04/28/21 23:08	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	99		47 - 134		04/28/21 23:08	1
Dibromofluoromethane (Surr)	114		78 - 129		04/28/21 23:08	1
1,2-Dichloroethane-d4 (Surr)	127		75 - 130		04/28/21 23:08	1
Toluene-d8 (Surr)	107		69 - 122		04/28/21 23:08	1

Client Sample Results

Client: AECOM
Project/Site: BP Sanborn

Job ID: 240-148022-1

Client Sample ID: B-48M

Lab Sample ID: 240-148022-6

Date Collected: 04/22/21 14:45

Matrix: Water

Date Received: 04/23/21 10:20

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Carbon tetrachloride	ND		1.0	0.26	ug/L			04/28/21 23:30	1
Chloroform	ND		1.0	0.13	ug/L			04/28/21 23:30	1
cis-1,2-Dichloroethene	0.34	J	1.0	0.16	ug/L			04/28/21 23:30	1
1,1-Dichloroethane	ND		1.0	0.17	ug/L			04/28/21 23:30	1
1,1-Dichloroethene	ND		1.0	0.19	ug/L			04/28/21 23:30	1
Methylene Chloride	ND		5.0	2.6	ug/L			04/28/21 23:30	1
Tetrachloroethene	ND		1.0	0.15	ug/L			04/28/21 23:30	1
trans-1,2-Dichloroethene	ND		1.0	0.19	ug/L			04/28/21 23:30	1
1,1,1-Trichloroethane	ND		1.0	0.24	ug/L			04/28/21 23:30	1
Trichloroethene	0.72	J	1.0	0.10	ug/L			04/28/21 23:30	1
Vinyl chloride	ND		1.0	0.20	ug/L			04/28/21 23:30	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	98		47 - 134		04/28/21 23:30	1
Dibromofluoromethane (Surr)	114		78 - 129		04/28/21 23:30	1
1,2-Dichloroethane-d4 (Surr)	128		75 - 130		04/28/21 23:30	1
Toluene-d8 (Surr)	107		69 - 122		04/28/21 23:30	1

Client Sample Results

Client: AECOM
Project/Site: BP Sanborn

Job ID: 240-148022-1

Client Sample ID: TRIP BLANK

Lab Sample ID: 240-148022-7

Date Collected: 04/22/21 00:00

Matrix: Water

Date Received: 04/23/21 10:20

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Carbon tetrachloride	ND		1.0	0.26	ug/L			04/28/21 23:53	1
Chloroform	ND		1.0	0.13	ug/L			04/28/21 23:53	1
cis-1,2-Dichloroethene	ND		1.0	0.16	ug/L			04/28/21 23:53	1
1,1-Dichloroethane	ND		1.0	0.17	ug/L			04/28/21 23:53	1
1,1-Dichloroethene	ND		1.0	0.19	ug/L			04/28/21 23:53	1
Methylene Chloride	ND		5.0	2.6	ug/L			04/28/21 23:53	1
Tetrachloroethene	ND		1.0	0.15	ug/L			04/28/21 23:53	1
trans-1,2-Dichloroethene	ND		1.0	0.19	ug/L			04/28/21 23:53	1
1,1,1-Trichloroethane	ND		1.0	0.24	ug/L			04/28/21 23:53	1
Trichloroethene	ND		1.0	0.10	ug/L			04/28/21 23:53	1
Vinyl chloride	ND		1.0	0.20	ug/L			04/28/21 23:53	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	96		47 - 134		04/28/21 23:53	1
Dibromofluoromethane (Surr)	110		78 - 129		04/28/21 23:53	1
1,2-Dichloroethane-d4 (Surr)	125		75 - 130		04/28/21 23:53	1
Toluene-d8 (Surr)	106		69 - 122		04/28/21 23:53	1

Surrogate Summary

Client: AECOM
Project/Site: BP Sanborn

Job ID: 240-148022-1

Method: 8260C - Volatile Organic Compounds by GC/MS

Matrix: Water

Prep Type: Total/NA

Lab Sample ID	Client Sample ID	Percent Surrogate Recovery (Acceptance Limits)			
		BFB (47-134)	DBFM (78-129)	DCA (75-130)	TOL (69-122)
240-148022-1	B-8M	97	112	127	109
240-148022-2	B-18M	106	87	91	115
240-148022-3	B-13M	99	110	127	112
240-148022-3	B-13M	106	88	92	113
240-148022-4	B-19M	97	110	125	107
240-148022-5	B-49M	99	114	127	107
240-148022-6	B-48M	98	114	128	107
240-148022-7	TRIP BLANK	96	110	125	106
LCS 240-483266/5	Lab Control Sample	112	104	111	112
LCS 240-483465/5	Lab Control Sample	99	83	83	102
MB 240-483266/8	Method Blank	101	110	125	109
MB 240-483465/9	Method Blank	104	84	91	110

Surrogate Legend

BFB = 4-Bromofluorobenzene (Surr)
DBFM = Dibromofluoromethane (Surr)
DCA = 1,2-Dichloroethane-d4 (Surr)
TOL = Toluene-d8 (Surr)

Method: RSK-175 - Dissolved Gases (GC)

Matrix: Water

Prep Type: Total/NA

Lab Sample ID	Client Sample ID	Percent Surrogate Recovery (Acceptance Limits)			
		TFE1 (60-140)			
240-148022-1	B-8M	114			
240-148022-2	B-18M	114			
240-148022-3	B-13M	114			
240-148022-4	B-19M	114			
LCS 240-483362/4	Lab Control Sample	115			
MB 240-483362/3	Method Blank	117			

Surrogate Legend

TFE = 1,1,1-Trifluoroethane

QC Sample Results

Client: AECOM
Project/Site: BP Sanborn

Job ID: 240-148022-1

Method: 8260C - Volatile Organic Compounds by GC/MS

Lab Sample ID: MB 240-483266/8

Matrix: Water

Analysis Batch: 483266

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Carbon tetrachloride	ND		1.0	0.26	ug/L			04/28/21 20:10	1
Chloroform	ND		1.0	0.13	ug/L			04/28/21 20:10	1
cis-1,2-Dichloroethene	ND		1.0	0.16	ug/L			04/28/21 20:10	1
1,1-Dichloroethane	ND		1.0	0.17	ug/L			04/28/21 20:10	1
1,1-Dichloroethene	ND		1.0	0.19	ug/L			04/28/21 20:10	1
Methylene Chloride	ND		5.0	2.6	ug/L			04/28/21 20:10	1
Tetrachloroethene	ND		1.0	0.15	ug/L			04/28/21 20:10	1
trans-1,2-Dichloroethene	ND		1.0	0.19	ug/L			04/28/21 20:10	1
1,1,1-Trichloroethane	ND		1.0	0.24	ug/L			04/28/21 20:10	1
Trichloroethene	ND		1.0	0.10	ug/L			04/28/21 20:10	1
Vinyl chloride	ND		1.0	0.20	ug/L			04/28/21 20:10	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	101		47 - 134		04/28/21 20:10	1
Dibromofluoromethane (Surr)	110		78 - 129		04/28/21 20:10	1
1,2-Dichloroethane-d4 (Surr)	125		75 - 130		04/28/21 20:10	1
Toluene-d8 (Surr)	109		69 - 122		04/28/21 20:10	1

Lab Sample ID: LCS 240-483266/5

Matrix: Water

Analysis Batch: 483266

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Carbon tetrachloride	20.0	20.7		ug/L		104	61 - 142
Chloroform	20.0	22.9		ug/L		114	74 - 127
cis-1,2-Dichloroethene	20.0	21.1		ug/L		106	75 - 124
1,1-Dichloroethane	20.0	23.7		ug/L		118	74 - 126
1,1-Dichloroethene	20.0	24.6		ug/L		123	73 - 129
Methylene Chloride	20.0	24.4		ug/L		122	63 - 134
Tetrachloroethene	20.0	18.4		ug/L		92	70 - 125
trans-1,2-Dichloroethene	20.0	24.1		ug/L		120	74 - 130
1,1,1-Trichloroethane	20.0	21.3		ug/L		107	65 - 141
Trichloroethene	20.0	18.6		ug/L		93	71 - 121
Vinyl chloride	20.0	23.6		ug/L		118	61 - 134

Surrogate	LCS %Recovery	LCS Qualifier	Limits
4-Bromofluorobenzene (Surr)	112		47 - 134
Dibromofluoromethane (Surr)	104		78 - 129
1,2-Dichloroethane-d4 (Surr)	111		75 - 130
Toluene-d8 (Surr)	112		69 - 122

Lab Sample ID: MB 240-483465/9

Matrix: Water

Analysis Batch: 483465

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Carbon tetrachloride	ND		1.0	0.26	ug/L			04/29/21 19:17	1
Chloroform	ND		1.0	0.13	ug/L			04/29/21 19:17	1

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QC Sample Results

Client: AECOM
Project/Site: BP Sanborn

Job ID: 240-148022-1

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: MB 240-483465/9

Matrix: Water

Analysis Batch: 483465

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
cis-1,2-Dichloroethene	ND		1.0	0.16	ug/L			04/29/21 19:17	1
1,1-Dichloroethane	ND		1.0	0.17	ug/L			04/29/21 19:17	1
1,1-Dichloroethene	ND		1.0	0.19	ug/L			04/29/21 19:17	1
Methylene Chloride	ND		5.0	2.6	ug/L			04/29/21 19:17	1
Tetrachloroethene	ND		1.0	0.15	ug/L			04/29/21 19:17	1
trans-1,2-Dichloroethene	ND		1.0	0.19	ug/L			04/29/21 19:17	1
1,1,1-Trichloroethane	ND		1.0	0.24	ug/L			04/29/21 19:17	1
Trichloroethene	ND		1.0	0.10	ug/L			04/29/21 19:17	1
Vinyl chloride	ND		1.0	0.20	ug/L			04/29/21 19:17	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	104		47 - 134		04/29/21 19:17	1
Dibromofluoromethane (Surr)	84		78 - 129		04/29/21 19:17	1
1,2-Dichloroethane-d4 (Surr)	91		75 - 130		04/29/21 19:17	1
Toluene-d8 (Surr)	110		69 - 122		04/29/21 19:17	1

Lab Sample ID: LCS 240-483465/5

Matrix: Water

Analysis Batch: 483465

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Carbon tetrachloride	20.0	18.3		ug/L		91	61 - 142
Chloroform	20.0	17.8		ug/L		89	74 - 127
cis-1,2-Dichloroethene	20.0	19.1		ug/L		95	75 - 124
1,1-Dichloroethane	20.0	19.4		ug/L		97	74 - 126
1,1-Dichloroethene	20.0	19.7		ug/L		99	73 - 129
Methylene Chloride	20.0	20.4		ug/L		102	63 - 134
Tetrachloroethene	20.0	20.1		ug/L		100	70 - 125
trans-1,2-Dichloroethene	20.0	19.7		ug/L		99	74 - 130
1,1,1-Trichloroethane	20.0	18.9		ug/L		94	65 - 141
Trichloroethene	20.0	17.8		ug/L		89	71 - 121
Vinyl chloride	20.0	20.0		ug/L		100	61 - 134

Surrogate	LCS %Recovery	LCS Qualifier	Limits
4-Bromofluorobenzene (Surr)	99		47 - 134
Dibromofluoromethane (Surr)	83		78 - 129
1,2-Dichloroethane-d4 (Surr)	83		75 - 130
Toluene-d8 (Surr)	102		69 - 122

Method: RSK-175 - Dissolved Gases (GC)

Lab Sample ID: MB 240-483362/3

Matrix: Water

Analysis Batch: 483362

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methane	ND		1.0	0.17	ug/L			04/29/21 11:34	1
Ethane	ND		1.0	0.29	ug/L			04/29/21 11:34	1

Eurofins TestAmerica, Canton

QC Sample Results

Client: AECOM
Project/Site: BP Sanborn

Job ID: 240-148022-1

Method: RSK-175 - Dissolved Gases (GC) (Continued)

Lab Sample ID: MB 240-483362/3

Matrix: Water

Analysis Batch: 483362

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ethylene	ND		1.0	0.27	ug/L			04/29/21 11:34	1
Surrogate	%Recovery	MB Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,1,1-Trifluoroethane	117		60 - 140					04/29/21 11:34	1

Lab Sample ID: LCS 240-483362/4

Matrix: Water

Analysis Batch: 483362

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Methane	284	323		ug/L		114	80 - 120
Ethane	537	625		ug/L		116	80 - 120
Ethylene	506	572		ug/L		113	80 - 120
Surrogate	%Recovery	LCS Qualifier	Limits				
1,1,1-Trifluoroethane	115		60 - 140				

Method: 6010C - Metals (ICP)

Lab Sample ID: MB 240-484917/1-A

Matrix: Water

Analysis Batch: 485293

Client Sample ID: Method Blank

Prep Type: Total Recoverable

Prep Batch: 484917

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Iron	ND		200	26	ug/L		05/10/21 14:00	05/11/21 20:24	1

Lab Sample ID: LCS 240-484917/2-A

Matrix: Water

Analysis Batch: 485293

Client Sample ID: Lab Control Sample

Prep Type: Total Recoverable

Prep Batch: 484917

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Iron	10000	9470		ug/L		95	80 - 120

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 240-484111/3

Matrix: Water

Analysis Batch: 484111

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			05/04/21 21:32	1

Lab Sample ID: LCS 240-484111/4

Matrix: Water

Analysis Batch: 484111

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	50.1		mg/L		100	90 - 110

Eurofins TestAmerica, Canton

QC Sample Results

Client: AECOM
Project/Site: BP Sanborn

Job ID: 240-148022-1

Method: 300.0 - Anions, Ion Chromatography (Continued)

Lab Sample ID: MB 240-484295/3

Matrix: Water

Analysis Batch: 484295

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			05/06/21 04:55	1

Lab Sample ID: LCS 240-484295/4

Matrix: Water

Analysis Batch: 484295

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	50.3		mg/L		101	90 - 110

Lab Sample ID: MB 240-485486/3

Matrix: Water

Analysis Batch: 485486

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			05/13/21 05:12	1

Lab Sample ID: LCS 240-485486/4

Matrix: Water

Analysis Batch: 485486

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	50.6		mg/L		101	90 - 110

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

Lab Sample ID: MB 240-483292/4

Matrix: Water

Analysis Batch: 483292

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	0.35	mg/L			04/28/21 08:54	1

Lab Sample ID: LCS 240-483292/6

Matrix: Water

Analysis Batch: 483292

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Total Organic Carbon	24.2	24.2		mg/L		100	85 - 115

Lab Sample ID: LLCS 240-483292/5

Matrix: Water

Analysis Batch: 483292

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	6.05	6.01		mg/L		99	88 - 115

Eurofins TestAmerica, Canton

QC Sample Results

Client: AECOM
Project/Site: BP Sanborn

Job ID: 240-148022-1

Method: SM 3500 Fe B - Iron, Ferrous

Lab Sample ID: MB 240-483166/3

Matrix: Water

Analysis Batch: 483166

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ferrous Iron	ND		0.050	0.023	mg/L			04/28/21 08:47	1

Lab Sample ID: LCS 240-483166/4

Matrix: Water

Analysis Batch: 483166

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Ferrous Iron	1.00	0.927		mg/L		93	80 - 124

Lab Sample ID: 240-148022-1 MS

Matrix: Water

Analysis Batch: 483166

Client Sample ID: B-8M

Prep Type: Dissolved

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Ferrous Iron	ND	HF	1.00	0.846		mg/L		85	31 - 168

Lab Sample ID: 240-148022-1 MSD

Matrix: Water

Analysis Batch: 483166

Client Sample ID: B-8M

Prep Type: Dissolved

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Ferrous Iron	ND	HF	1.00	0.897		mg/L		90	31 - 168	6	12

QC Association Summary

Client: AECOM
Project/Site: BP Sanborn

Job ID: 240-148022-1

GC/MS VOA

Analysis Batch: 483266

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-148022-1	B-8M	Total/NA	Water	8260C	
240-148022-3	B-13M	Total/NA	Water	8260C	
240-148022-4	B-19M	Total/NA	Water	8260C	
240-148022-5	B-49M	Total/NA	Water	8260C	
240-148022-6	B-48M	Total/NA	Water	8260C	
240-148022-7	TRIP BLANK	Total/NA	Water	8260C	
MB 240-483266/8	Method Blank	Total/NA	Water	8260C	
LCS 240-483266/5	Lab Control Sample	Total/NA	Water	8260C	

Analysis Batch: 483465

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-148022-2	B-18M	Total/NA	Water	8260C	
240-148022-3	B-13M	Total/NA	Water	8260C	
MB 240-483465/9	Method Blank	Total/NA	Water	8260C	
LCS 240-483465/5	Lab Control Sample	Total/NA	Water	8260C	

GC VOA

Analysis Batch: 483362

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-148022-1	B-8M	Total/NA	Water	RSK-175	
240-148022-2	B-18M	Total/NA	Water	RSK-175	
240-148022-3	B-13M	Total/NA	Water	RSK-175	
240-148022-4	B-19M	Total/NA	Water	RSK-175	
MB 240-483362/3	Method Blank	Total/NA	Water	RSK-175	
LCS 240-483362/4	Lab Control Sample	Total/NA	Water	RSK-175	

Metals

Prep Batch: 484917

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-148022-1	B-8M	Total Recoverable	Water	3005A	
240-148022-2	B-18M	Total Recoverable	Water	3005A	
240-148022-3	B-13M	Total Recoverable	Water	3005A	
240-148022-4	B-19M	Total Recoverable	Water	3005A	
MB 240-484917/1-A	Method Blank	Total Recoverable	Water	3005A	
LCS 240-484917/2-A	Lab Control Sample	Total Recoverable	Water	3005A	

Analysis Batch: 485293

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-148022-1	B-8M	Total Recoverable	Water	6010C	484917
240-148022-2	B-18M	Total Recoverable	Water	6010C	484917
240-148022-3	B-13M	Total Recoverable	Water	6010C	484917
240-148022-4	B-19M	Total Recoverable	Water	6010C	484917
MB 240-484917/1-A	Method Blank	Total Recoverable	Water	6010C	484917
LCS 240-484917/2-A	Lab Control Sample	Total Recoverable	Water	6010C	484917

General Chemistry

Analysis Batch: 482428

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-148022-1	B-8M	Total/NA	Water	SM 3500	

Eurofins TestAmerica, Canton

QC Association Summary

Client: AECOM
Project/Site: BP Sanborn

Job ID: 240-148022-1

General Chemistry (Continued)

Analysis Batch: 482428 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-148022-2	B-18M	Total/NA	Water	SM 3500	
240-148022-3	B-13M	Total/NA	Water	SM 3500	
240-148022-4	B-19M	Total/NA	Water	SM 3500	

Analysis Batch: 483166

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-148022-1	B-8M	Dissolved	Water	SM 3500 Fe B	
240-148022-2	B-18M	Dissolved	Water	SM 3500 Fe B	
240-148022-3	B-13M	Dissolved	Water	SM 3500 Fe B	
240-148022-4	B-19M	Dissolved	Water	SM 3500 Fe B	
MB 240-483166/3	Method Blank	Total/NA	Water	SM 3500 Fe B	
LCS 240-483166/4	Lab Control Sample	Total/NA	Water	SM 3500 Fe B	
240-148022-1 MS	B-8M	Dissolved	Water	SM 3500 Fe B	
240-148022-1 MSD	B-8M	Dissolved	Water	SM 3500 Fe B	

Analysis Batch: 483292

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-148022-1	B-8M	Total/NA	Water	5310C-2011	
240-148022-2	B-18M	Total/NA	Water	5310C-2011	
240-148022-3	B-13M	Total/NA	Water	5310C-2011	
240-148022-4	B-19M	Total/NA	Water	5310C-2011	
MB 240-483292/4	Method Blank	Total/NA	Water	5310C-2011	
LCS 240-483292/6	Lab Control Sample	Total/NA	Water	5310C-2011	
LLCS 240-483292/5	Lab Control Sample	Total/NA	Water	5310C-2011	

Analysis Batch: 484111

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-148022-1	B-8M	Total/NA	Water	300.0	
240-148022-3	B-13M	Total/NA	Water	300.0	
240-148022-4	B-19M	Total/NA	Water	300.0	
MB 240-484111/3	Method Blank	Total/NA	Water	300.0	
LCS 240-484111/4	Lab Control Sample	Total/NA	Water	300.0	

Analysis Batch: 484295

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 240-484295/3	Method Blank	Total/NA	Water	300.0	
LCS 240-484295/4	Lab Control Sample	Total/NA	Water	300.0	

Analysis Batch: 485486

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-148022-2	B-18M	Total/NA	Water	300.0	
MB 240-485486/3	Method Blank	Total/NA	Water	300.0	
LCS 240-485486/4	Lab Control Sample	Total/NA	Water	300.0	

Lab Chronicle

Client: AECOM
Project/Site: BP Sanborn

Job ID: 240-148022-1

Client Sample ID: B-8M

Lab Sample ID: 240-148022-1

Date Collected: 04/22/21 10:18

Matrix: Water

Date Received: 04/23/21 10:20

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		200	483266	04/28/21 21:39	TJL1	TAL CAN
Total/NA	Analysis	RSK-175		1	483362	04/29/21 13:56	JBN	TAL CAN
Total Recoverable	Prep	3005A			484917	05/10/21 14:00	MRL	TAL CAN
Total Recoverable	Analysis	6010C		1	485293	05/11/21 21:56	KLC	TAL CAN
Total/NA	Analysis	300.0		10	484111	05/05/21 05:34	JWW	TAL CAN
Total/NA	Analysis	5310C-2011		1	483292	04/28/21 12:36	TPH	TAL CAN
Total/NA	Analysis	SM 3500		1	482428	05/04/21 21:51	JWW	TAL CAN
Dissolved	Analysis	SM 3500 Fe B		1	483166	04/28/21 08:47	BLW	TAL CAN

Client Sample ID: B-18M

Lab Sample ID: 240-148022-2

Date Collected: 04/22/21 10:51

Matrix: Water

Date Received: 04/23/21 10:20

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		4	483465	04/29/21 20:01	TJL1	TAL CAN
Total/NA	Analysis	RSK-175		1	483362	04/29/21 14:13	JBN	TAL CAN
Total Recoverable	Prep	3005A			484917	05/10/21 14:00	MRL	TAL CAN
Total Recoverable	Analysis	6010C		1	485293	05/11/21 22:01	KLC	TAL CAN
Total/NA	Analysis	300.0		5	485486	05/13/21 07:00	JMB	TAL CAN
Total/NA	Analysis	5310C-2011		1	483292	04/28/21 12:49	TPH	TAL CAN
Total/NA	Analysis	SM 3500		1	482428	05/04/21 21:51	JWW	TAL CAN
Dissolved	Analysis	SM 3500 Fe B		1	483166	04/28/21 08:47	BLW	TAL CAN

Client Sample ID: B-13M

Lab Sample ID: 240-148022-3

Date Collected: 04/22/21 12:53

Matrix: Water

Date Received: 04/23/21 10:20

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		12.5	483465	04/29/21 20:23	TJL1	TAL CAN
Total/NA	Analysis	8260C		12.5	483266	04/28/21 22:23	TJL1	TAL CAN
Total/NA	Analysis	RSK-175		1	483362	04/29/21 14:30	JBN	TAL CAN
Total Recoverable	Prep	3005A			484917	05/10/21 14:00	MRL	TAL CAN
Total Recoverable	Analysis	6010C		1	485293	05/11/21 22:05	KLC	TAL CAN
Total/NA	Analysis	300.0		10	484111	05/05/21 06:14	JWW	TAL CAN
Total/NA	Analysis	5310C-2011		1	483292	04/28/21 13:32	TPH	TAL CAN
Total/NA	Analysis	SM 3500		1	482428	05/04/21 21:51	JWW	TAL CAN
Dissolved	Analysis	SM 3500 Fe B		1	483166	04/28/21 08:47	BLW	TAL CAN

Eurofins TestAmerica, Canton

Lab Chronicle

Client: AECOM
Project/Site: BP Sanborn

Job ID: 240-148022-1

Client Sample ID: B-19M

Lab Sample ID: 240-148022-4

Date Collected: 04/22/21 12:58

Matrix: Water

Date Received: 04/23/21 10:20

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	483266	04/28/21 22:46	TJL1	TAL CAN
Total/NA	Analysis	RSK-175		1	483362	04/29/21 14:47	JBN	TAL CAN
Total Recoverable	Prep	3005A			484917	05/10/21 14:00	MRL	TAL CAN
Total Recoverable	Analysis	6010C		1	485293	05/11/21 22:09	KLC	TAL CAN
Total/NA	Analysis	300.0		5	484111	05/05/21 06:34	JWW	TAL CAN
Total/NA	Analysis	5310C-2011		1	483292	04/28/21 13:46	TPH	TAL CAN
Total/NA	Analysis	SM 3500		1	482428	05/04/21 21:51	JWW	TAL CAN
Dissolved	Analysis	SM 3500 Fe B		1	483166	04/28/21 08:47	BLW	TAL CAN

Client Sample ID: B-49M

Lab Sample ID: 240-148022-5

Date Collected: 04/22/21 14:37

Matrix: Water

Date Received: 04/23/21 10:20

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	483266	04/28/21 23:08	TJL1	TAL CAN

Client Sample ID: B-48M

Lab Sample ID: 240-148022-6

Date Collected: 04/22/21 14:45

Matrix: Water

Date Received: 04/23/21 10:20

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	483266	04/28/21 23:30	TJL1	TAL CAN

Client Sample ID: TRIP BLANK

Lab Sample ID: 240-148022-7

Date Collected: 04/22/21 00:00

Matrix: Water

Date Received: 04/23/21 10:20

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	483266	04/28/21 23:53	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: 240-148022-1

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	03-31-22

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
SM 3500		Water	Ferric Iron
SM 3500 Fe B		Water	Ferrous Iron

Eurofins TestAmerica Canton Sample Receipt Form/Narrative Login # : 240-148022
Canton Facility

Client BP Sanborn Site Name _____ Cooler unpacked by: MATIS
Cooler Received on 4-23-21 Opened on 4-23-21
FedEx: 1st Grd Exp UPS FAS Clipper Client Drop Off TestAmerica Courier Other _____

Receipt After-hours: Drop-off Date/Time _____ **Storage Location** _____

TestAmerica Cooler # NA 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-11 (CF +0.1 °C) Observed Cooler Temp. 3.3 °C Corrected Cooler Temp. 3.4 °C
IR GUN #IR-12 (CF +0.2 °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 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 (ID/Date/Time) be reconciled with the COC? ☒ Yes ☐ No
9. For each sample, does the COC specify preservatives (Y/N), # of containers (Y/N), and sample type of grab/comp (Y/N)? ☒ Yes ☐ No
10. Were correct bottle(s) used for the test(s) indicated? ☒ Yes ☐ No
11. Sufficient quantity received to perform indicated analyses? ☒ Yes ☐ No
12. Are these work share samples and all listed on the COC? ☒ Yes ☐ No
If yes, Questions 13-17 have been checked at the originating laboratory.

13. Were all preserved sample(s) at the correct pH upon receipt? ☒ Yes ☐ No NA pH Strip Lot# HC022887
14. Were VOAs on the COC? ☒ Yes ☐ No
15. Were air bubbles >6 mm in any VOA vials? ☒ Yes ☐ No NA Larger than this. ☒ Yes ☐ No
16. Was a VOA trip blank present in the cooler(s)? Trip Blank Lot # NA ☒ Yes ☐ No
17. 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

18. CHAIN OF CUSTODY & SAMPLE DISCREPANCIES ☐ additional next page Samples processed by: _____

19. SAMPLE CONDITION
Sample(s) _____ were received after the recommended holding time had expired.
Sample(s) _____ were received in a broken container.
Sample(s) _____ were received with bubble >6 mm in diameter. (Notify PM)

20. SAMPLE PRESERVATION
Sample(s) _____ were further preserved in the laboratory.
Time preserved: _____ Preservative(s) added/Lot number(s): _____
VOA Sample Preservation - Date/Time VOAs Frozen: _____

ANALYTICAL REPORT

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

Laboratory Job ID: 240-148185-1
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:
5/5/2021 5:13:47 PM

Opal Johnson, Project Manager II
(330)966-9279
opal.johnson@eurofinset.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: 240-148185-1

Qualifiers

GC/MS VOA

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
CFU	Colony Forming Unit
CNF	Contains No Free Liquid
DER	Duplicate Error Ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL	Detection Limit (DoD/DOE)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision Level Concentration (Radiochemistry)
EDL	Estimated Detection Limit (Dioxin)
LOD	Limit of Detection (DoD/DOE)
LOQ	Limit of Quantitation (DoD/DOE)
MCL	EPA recommended "Maximum Contaminant Level"
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
MPN	Most Probable Number
MQL	Method Quantitation Limit
NC	Not Calculated
ND	Not Detected at the reporting limit (or MDL or EDL if shown)
NEG	Negative / Absent
POS	Positive / Present
PQL	Practical Quantitation Limit
PRES	Presumptive
QC	Quality Control
RER	Relative Error Ratio (Radiochemistry)
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)
TNTC	Too Numerous To Count

Case Narrative

Client: AECOM
Project/Site: BP Sanborn

Job ID: 240-148185-1

Job ID: 240-148185-1

Laboratory: Eurofins TestAmerica, Canton

Narrative

CASE NARRATIVE

Client: AECOM

Project: BP Sanborn

Report Number: 240-148185-1

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 4/24/2021 10:30 AM. Unless otherwise noted below, the samples arrived in good condition, and where required, properly preserved and on ice. The temperature of the cooler at receipt was 0.4° C.

VOLATILE ORGANIC COMPOUNDS (GCMS)

Samples B-52M (240-148185-1), B-53M (240-148185-2), B-12M (240-148185-3), B-50M (240-148185-4), B-6M (240-148185-5), B-14M (240-148185-6) and TRIP BLANK (240-148185-7) were analyzed for volatile organic compounds (GCMS) in accordance with EPA SW-846 Method 8260C. The samples were analyzed on 04/29/2021 and 04/30/2021.

Samples B-12M (240-148185-3)[10X], B-12M (240-148185-3)[5X], B-50M (240-148185-4)[5X] and B-14M (240-148185-6)[5X] required dilution prior to analysis. The reporting limits have been adjusted accordingly.

No additional 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: 240-148185-1

Method	Method Description	Protocol	Laboratory
8260C	Volatile Organic Compounds by GC/MS	SW846	TAL CAN
5030C	Purge and Trap	SW846	TAL CAN

Protocol References:

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: 240-148185-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Asset ID
240-148185-1	B-52M	Water	04/23/21 09:03	04/24/21 10:30	
240-148185-2	B-53M	Water	04/23/21 09:10	04/24/21 10:30	
240-148185-3	B-12M	Water	04/23/21 10:10	04/24/21 10:30	
240-148185-4	B-50M	Water	04/23/21 11:05	04/24/21 10:30	
240-148185-5	B-6M	Water	04/23/21 11:35	04/24/21 10:30	
240-148185-6	B-14M	Water	04/23/21 12:28	04/24/21 10:30	
240-148185-7	TRIP BLANK	Water	04/23/21 00:00	04/24/21 10:30	

Detection Summary

Client: AECOM
Project/Site: BP Sanborn

Job ID: 240-148185-1

Client Sample ID: B-52M

Lab Sample ID: 240-148185-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Methylene Chloride	4.5	J	5.0	2.6	ug/L	1		8260C	Total/NA

Client Sample ID: B-53M

Lab Sample ID: 240-148185-2

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
cis-1,2-Dichloroethene	2.0		1.0	0.16	ug/L	1		8260C	Total/NA
Methylene Chloride	4.5	J	5.0	2.6	ug/L	1		8260C	Total/NA
Trichloroethene	5.4		1.0	0.10	ug/L	1		8260C	Total/NA

Client Sample ID: B-12M

Lab Sample ID: 240-148185-3

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
cis-1,2-Dichloroethene	71		5.0	0.80	ug/L	5		8260C	Total/NA
1,1-Dichloroethane	2.7	J	5.0	0.85	ug/L	5		8260C	Total/NA
1,1-Dichloroethene	1.2	J	5.0	0.95	ug/L	5		8260C	Total/NA
trans-1,2-Dichloroethene	1.2	J	5.0	0.95	ug/L	5		8260C	Total/NA
1,1,1-Trichloroethane	4.9	J	5.0	1.2	ug/L	5		8260C	Total/NA
Trichloroethene	440		10	1.0	ug/L	10		8260C	Total/NA

Client Sample ID: B-50M

Lab Sample ID: 240-148185-4

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
cis-1,2-Dichloroethene	20		5.0	0.80	ug/L	5		8260C	Total/NA
trans-1,2-Dichloroethene	1.5	J	5.0	0.95	ug/L	5		8260C	Total/NA
Trichloroethene	94		5.0	0.50	ug/L	5		8260C	Total/NA

Client Sample ID: B-6M

Lab Sample ID: 240-148185-5

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
cis-1,2-Dichloroethene	1.6		1.0	0.16	ug/L	1		8260C	Total/NA
Methylene Chloride	4.4	J	5.0	2.6	ug/L	1		8260C	Total/NA
Trichloroethene	9.1		1.0	0.10	ug/L	1		8260C	Total/NA

Client Sample ID: B-14M

Lab Sample ID: 240-148185-6

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Chloroform	0.25	J	1.0	0.13	ug/L	1		8260C	Total/NA
cis-1,2-Dichloroethene	21		1.0	0.16	ug/L	1		8260C	Total/NA
Methylene Chloride	4.4	J	5.0	2.6	ug/L	1		8260C	Total/NA
Tetrachloroethene	2.1		1.0	0.15	ug/L	1		8260C	Total/NA
trans-1,2-Dichloroethene	0.57	J	1.0	0.19	ug/L	1		8260C	Total/NA
Trichloroethene	150		5.0	0.50	ug/L	5		8260C	Total/NA

Client Sample ID: TRIP BLANK

Lab Sample ID: 240-148185-7

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Methylene Chloride	4.5	J	5.0	2.6	ug/L	1		8260C	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: 240-148185-1

Client Sample ID: B-52M

Lab Sample ID: 240-148185-1

Date Collected: 04/23/21 09:03

Matrix: Water

Date Received: 04/24/21 10:30

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Carbon tetrachloride	ND		1.0	0.26	ug/L			04/29/21 13:50	1
Chloroform	ND		1.0	0.13	ug/L			04/29/21 13:50	1
cis-1,2-Dichloroethene	ND		1.0	0.16	ug/L			04/29/21 13:50	1
1,1-Dichloroethane	ND		1.0	0.17	ug/L			04/29/21 13:50	1
1,1-Dichloroethene	ND		1.0	0.19	ug/L			04/29/21 13:50	1
Methylene Chloride	4.5	J	5.0	2.6	ug/L			04/29/21 13:50	1
Tetrachloroethene	ND		1.0	0.15	ug/L			04/29/21 13:50	1
trans-1,2-Dichloroethene	ND		1.0	0.19	ug/L			04/29/21 13:50	1
1,1,1-Trichloroethane	ND		1.0	0.24	ug/L			04/29/21 13:50	1
Trichloroethene	ND		1.0	0.10	ug/L			04/29/21 13:50	1
Vinyl chloride	ND		1.0	0.20	ug/L			04/29/21 13:50	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	107		47 - 134		04/29/21 13:50	1
Dibromofluoromethane (Surr)	100		78 - 129		04/29/21 13:50	1
1,2-Dichloroethane-d4 (Surr)	96		75 - 130		04/29/21 13:50	1
Toluene-d8 (Surr)	96		69 - 122		04/29/21 13:50	1

Client Sample Results

Client: AECOM
Project/Site: BP Sanborn

Job ID: 240-148185-1

Client Sample ID: B-53M

Lab Sample ID: 240-148185-2

Date Collected: 04/23/21 09:10

Matrix: Water

Date Received: 04/24/21 10:30

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Carbon tetrachloride	ND		1.0	0.26	ug/L			04/29/21 14:14	1
Chloroform	ND		1.0	0.13	ug/L			04/29/21 14:14	1
cis-1,2-Dichloroethene	2.0		1.0	0.16	ug/L			04/29/21 14:14	1
1,1-Dichloroethane	ND		1.0	0.17	ug/L			04/29/21 14:14	1
1,1-Dichloroethene	ND		1.0	0.19	ug/L			04/29/21 14:14	1
Methylene Chloride	4.5 J		5.0	2.6	ug/L			04/29/21 14:14	1
Tetrachloroethene	ND		1.0	0.15	ug/L			04/29/21 14:14	1
trans-1,2-Dichloroethene	ND		1.0	0.19	ug/L			04/29/21 14:14	1
1,1,1-Trichloroethane	ND		1.0	0.24	ug/L			04/29/21 14:14	1
Trichloroethene	5.4		1.0	0.10	ug/L			04/29/21 14:14	1
Vinyl chloride	ND		1.0	0.20	ug/L			04/29/21 14:14	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	105		47 - 134		04/29/21 14:14	1
Dibromofluoromethane (Surr)	100		78 - 129		04/29/21 14:14	1
1,2-Dichloroethane-d4 (Surr)	95		75 - 130		04/29/21 14:14	1
Toluene-d8 (Surr)	94		69 - 122		04/29/21 14:14	1

Client Sample Results

Client: AECOM
Project/Site: BP Sanborn

Job ID: 240-148185-1

Client Sample ID: B-12M

Lab Sample ID: 240-148185-3

Date Collected: 04/23/21 10:10

Matrix: Water

Date Received: 04/24/21 10:30

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Carbon tetrachloride	ND		5.0	1.3	ug/L			04/29/21 14:39	5
Chloroform	ND		5.0	0.65	ug/L			04/29/21 14:39	5
cis-1,2-Dichloroethene	71		5.0	0.80	ug/L			04/29/21 14:39	5
1,1-Dichloroethane	2.7	J	5.0	0.85	ug/L			04/29/21 14:39	5
1,1-Dichloroethene	1.2	J	5.0	0.95	ug/L			04/29/21 14:39	5
Methylene Chloride	ND		25	13	ug/L			04/29/21 14:39	5
Tetrachloroethene	ND		5.0	0.75	ug/L			04/29/21 14:39	5
trans-1,2-Dichloroethene	1.2	J	5.0	0.95	ug/L			04/29/21 14:39	5
1,1,1-Trichloroethane	4.9	J	5.0	1.2	ug/L			04/29/21 14:39	5
Trichloroethene	440		10	1.0	ug/L			04/30/21 12:20	10
Vinyl chloride	ND		5.0	1.0	ug/L			04/29/21 14:39	5

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	107		47 - 134		04/29/21 14:39	5
4-Bromofluorobenzene (Surr)	108		47 - 134		04/30/21 12:20	10
Dibromofluoromethane (Surr)	99		78 - 129		04/29/21 14:39	5
Dibromofluoromethane (Surr)	101		78 - 129		04/30/21 12:20	10
1,2-Dichloroethane-d4 (Surr)	95		75 - 130		04/29/21 14:39	5
1,2-Dichloroethane-d4 (Surr)	94		75 - 130		04/30/21 12:20	10
Toluene-d8 (Surr)	95		69 - 122		04/29/21 14:39	5
Toluene-d8 (Surr)	97		69 - 122		04/30/21 12:20	10

Client Sample Results

Client: AECOM
Project/Site: BP Sanborn

Job ID: 240-148185-1

Client Sample ID: B-50M

Lab Sample ID: 240-148185-4

Date Collected: 04/23/21 11:05

Matrix: Water

Date Received: 04/24/21 10:30

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Carbon tetrachloride	ND		5.0	1.3	ug/L			04/29/21 15:03	5
Chloroform	ND		5.0	0.65	ug/L			04/29/21 15:03	5
cis-1,2-Dichloroethene	20		5.0	0.80	ug/L			04/29/21 15:03	5
1,1-Dichloroethane	ND		5.0	0.85	ug/L			04/29/21 15:03	5
1,1-Dichloroethene	ND		5.0	0.95	ug/L			04/29/21 15:03	5
Methylene Chloride	ND		25	13	ug/L			04/29/21 15:03	5
Tetrachloroethene	ND		5.0	0.75	ug/L			04/29/21 15:03	5
trans-1,2-Dichloroethene	1.5 J		5.0	0.95	ug/L			04/29/21 15:03	5
1,1,1-Trichloroethane	ND		5.0	1.2	ug/L			04/29/21 15:03	5
Trichloroethene	94		5.0	0.50	ug/L			04/29/21 15:03	5
Vinyl chloride	ND		5.0	1.0	ug/L			04/29/21 15:03	5

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	108		47 - 134		04/29/21 15:03	5
Dibromofluoromethane (Surr)	102		78 - 129		04/29/21 15:03	5
1,2-Dichloroethane-d4 (Surr)	97		75 - 130		04/29/21 15:03	5
Toluene-d8 (Surr)	96		69 - 122		04/29/21 15:03	5

Client Sample Results

Client: AECOM
Project/Site: BP Sanborn

Job ID: 240-148185-1

Client Sample ID: B-6M

Lab Sample ID: 240-148185-5

Date Collected: 04/23/21 11:35

Matrix: Water

Date Received: 04/24/21 10:30

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Carbon tetrachloride	ND		1.0	0.26	ug/L			04/30/21 12:43	1
Chloroform	ND		1.0	0.13	ug/L			04/30/21 12:43	1
cis-1,2-Dichloroethene	1.6		1.0	0.16	ug/L			04/30/21 12:43	1
1,1-Dichloroethane	ND		1.0	0.17	ug/L			04/30/21 12:43	1
1,1-Dichloroethene	ND		1.0	0.19	ug/L			04/30/21 12:43	1
Methylene Chloride	4.4 J		5.0	2.6	ug/L			04/30/21 12:43	1
Tetrachloroethene	ND		1.0	0.15	ug/L			04/30/21 12:43	1
trans-1,2-Dichloroethene	ND		1.0	0.19	ug/L			04/30/21 12:43	1
1,1,1-Trichloroethane	ND		1.0	0.24	ug/L			04/30/21 12:43	1
Trichloroethene	9.1		1.0	0.10	ug/L			04/30/21 12:43	1
Vinyl chloride	ND		1.0	0.20	ug/L			04/30/21 12:43	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	107		47 - 134		04/30/21 12:43	1
Dibromofluoromethane (Surr)	99		78 - 129		04/30/21 12:43	1
1,2-Dichloroethane-d4 (Surr)	95		75 - 130		04/30/21 12:43	1
Toluene-d8 (Surr)	95		69 - 122		04/30/21 12:43	1

Client Sample Results

Client: AECOM
Project/Site: BP Sanborn

Job ID: 240-148185-1

Client Sample ID: B-14M

Lab Sample ID: 240-148185-6

Date Collected: 04/23/21 12:28

Matrix: Water

Date Received: 04/24/21 10:30

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Carbon tetrachloride	ND		1.0	0.26	ug/L			04/29/21 15:52	1
Chloroform	0.25	J	1.0	0.13	ug/L			04/29/21 15:52	1
cis-1,2-Dichloroethene	21		1.0	0.16	ug/L			04/29/21 15:52	1
1,1-Dichloroethane	ND		1.0	0.17	ug/L			04/29/21 15:52	1
1,1-Dichloroethene	ND		1.0	0.19	ug/L			04/29/21 15:52	1
Methylene Chloride	4.4	J	5.0	2.6	ug/L			04/29/21 15:52	1
Tetrachloroethene	2.1		1.0	0.15	ug/L			04/29/21 15:52	1
trans-1,2-Dichloroethene	0.57	J	1.0	0.19	ug/L			04/29/21 15:52	1
1,1,1-Trichloroethane	ND		1.0	0.24	ug/L			04/29/21 15:52	1
Trichloroethene	150		5.0	0.50	ug/L			04/30/21 13:07	5
Vinyl chloride	ND		1.0	0.20	ug/L			04/29/21 15:52	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	106		47 - 134		04/29/21 15:52	1
4-Bromofluorobenzene (Surr)	110		47 - 134		04/30/21 13:07	5
Dibromofluoromethane (Surr)	96		78 - 129		04/29/21 15:52	1
Dibromofluoromethane (Surr)	100		78 - 129		04/30/21 13:07	5
1,2-Dichloroethane-d4 (Surr)	94		75 - 130		04/29/21 15:52	1
1,2-Dichloroethane-d4 (Surr)	95		75 - 130		04/30/21 13:07	5
Toluene-d8 (Surr)	95		69 - 122		04/29/21 15:52	1
Toluene-d8 (Surr)	98		69 - 122		04/30/21 13:07	5

Client Sample Results

Client: AECOM
Project/Site: BP Sanborn

Job ID: 240-148185-1

Client Sample ID: TRIP BLANK

Lab Sample ID: 240-148185-7

Date Collected: 04/23/21 00:00

Matrix: Water

Date Received: 04/24/21 10:30

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Carbon tetrachloride	ND		1.0	0.26	ug/L			04/29/21 16:17	1
Chloroform	ND		1.0	0.13	ug/L			04/29/21 16:17	1
cis-1,2-Dichloroethene	ND		1.0	0.16	ug/L			04/29/21 16:17	1
1,1-Dichloroethane	ND		1.0	0.17	ug/L			04/29/21 16:17	1
1,1-Dichloroethene	ND		1.0	0.19	ug/L			04/29/21 16:17	1
Methylene Chloride	4.5	J	5.0	2.6	ug/L			04/29/21 16:17	1
Tetrachloroethene	ND		1.0	0.15	ug/L			04/29/21 16:17	1
trans-1,2-Dichloroethene	ND		1.0	0.19	ug/L			04/29/21 16:17	1
1,1,1-Trichloroethane	ND		1.0	0.24	ug/L			04/29/21 16:17	1
Trichloroethene	ND		1.0	0.10	ug/L			04/29/21 16:17	1
Vinyl chloride	ND		1.0	0.20	ug/L			04/29/21 16:17	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	106		47 - 134		04/29/21 16:17	1
Dibromofluoromethane (Surr)	99		78 - 129		04/29/21 16:17	1
1,2-Dichloroethane-d4 (Surr)	94		75 - 130		04/29/21 16:17	1
Toluene-d8 (Surr)	95		69 - 122		04/29/21 16:17	1

Surrogate Summary

Client: AECOM
Project/Site: BP Sanborn

Job ID: 240-148185-1

Method: 8260C - Volatile Organic Compounds by GC/MS

Matrix: Water

Prep Type: Total/NA

Lab Sample ID	Client Sample ID	Percent Surrogate Recovery (Acceptance Limits)			
		BFB (47-134)	DBFM (78-129)	DCA (75-130)	TOL (69-122)
240-148185-1	B-52M	107	100	96	96
240-148185-2	B-53M	105	100	95	94
240-148185-3	B-12M	107	99	95	95
240-148185-3	B-12M	108	101	94	97
240-148185-3 MS	B-12M	108	92	89	97
240-148185-3 MSD	B-12M	106	91	89	97
240-148185-4	B-50M	108	102	97	96
240-148185-5	B-6M	107	99	95	95
240-148185-6	B-14M	106	96	94	95
240-148185-6	B-14M	110	100	95	98
240-148185-7	TRIP BLANK	106	99	94	95
LCS 240-483371/5	Lab Control Sample	106	91	87	95
LCS 240-483549/6	Lab Control Sample	107	92	88	97
MB 240-483371/8	Method Blank	103	100	95	94
MB 240-483549/9	Method Blank	106	101	94	95

Surrogate Legend

BFB = 4-Bromofluorobenzene (Surr)

DBFM = Dibromofluoromethane (Surr)

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

TOL = Toluene-d8 (Surr)

QC Sample Results

Client: AECOM
Project/Site: BP Sanborn

Job ID: 240-148185-1

Method: 8260C - Volatile Organic Compounds by GC/MS

Lab Sample ID: MB 240-483371/8

Matrix: Water

Analysis Batch: 483371

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Carbon tetrachloride	ND		1.0	0.26	ug/L			04/29/21 12:23	1
Chloroform	ND		1.0	0.13	ug/L			04/29/21 12:23	1
cis-1,2-Dichloroethene	ND		1.0	0.16	ug/L			04/29/21 12:23	1
1,1-Dichloroethane	ND		1.0	0.17	ug/L			04/29/21 12:23	1
1,1-Dichloroethene	ND		1.0	0.19	ug/L			04/29/21 12:23	1
Methylene Chloride	ND		5.0	2.6	ug/L			04/29/21 12:23	1
Tetrachloroethene	ND		1.0	0.15	ug/L			04/29/21 12:23	1
trans-1,2-Dichloroethene	ND		1.0	0.19	ug/L			04/29/21 12:23	1
1,1,1-Trichloroethane	ND		1.0	0.24	ug/L			04/29/21 12:23	1
Trichloroethene	ND		1.0	0.10	ug/L			04/29/21 12:23	1
Vinyl chloride	ND		1.0	0.20	ug/L			04/29/21 12:23	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	103		47 - 134		04/29/21 12:23	1
Dibromofluoromethane (Surr)	100		78 - 129		04/29/21 12:23	1
1,2-Dichloroethane-d4 (Surr)	95		75 - 130		04/29/21 12:23	1
Toluene-d8 (Surr)	94		69 - 122		04/29/21 12:23	1

Lab Sample ID: LCS 240-483371/5

Matrix: Water

Analysis Batch: 483371

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Carbon tetrachloride	20.0	19.3		ug/L		96	61 - 142
Chloroform	20.0	18.0		ug/L		90	74 - 127
cis-1,2-Dichloroethene	20.0	18.7		ug/L		94	75 - 124
1,1-Dichloroethane	20.0	18.3		ug/L		92	74 - 126
1,1-Dichloroethene	20.0	20.1		ug/L		100	73 - 129
Methylene Chloride	20.0	18.6		ug/L		93	63 - 134
Tetrachloroethene	20.0	19.8		ug/L		99	70 - 125
trans-1,2-Dichloroethene	20.0	19.4		ug/L		97	74 - 130
1,1,1-Trichloroethane	20.0	18.7		ug/L		93	65 - 141
Trichloroethene	20.0	19.2		ug/L		96	71 - 121
Vinyl chloride	20.0	19.9		ug/L		100	61 - 134

Surrogate	LCS %Recovery	LCS Qualifier	Limits
4-Bromofluorobenzene (Surr)	106		47 - 134
Dibromofluoromethane (Surr)	91		78 - 129
1,2-Dichloroethane-d4 (Surr)	87		75 - 130
Toluene-d8 (Surr)	95		69 - 122

Lab Sample ID: MB 240-483549/9

Matrix: Water

Analysis Batch: 483549

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Carbon tetrachloride	ND		1.0	0.26	ug/L			04/30/21 11:30	1
Chloroform	ND		1.0	0.13	ug/L			04/30/21 11:30	1

Eurofins TestAmerica, Canton

QC Sample Results

Client: AECOM
Project/Site: BP Sanborn

Job ID: 240-148185-1

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: MB 240-483549/9

Matrix: Water

Analysis Batch: 483549

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
cis-1,2-Dichloroethene	ND		1.0	0.16	ug/L			04/30/21 11:30	1
1,1-Dichloroethane	ND		1.0	0.17	ug/L			04/30/21 11:30	1
1,1-Dichloroethene	ND		1.0	0.19	ug/L			04/30/21 11:30	1
Methylene Chloride	ND		5.0	2.6	ug/L			04/30/21 11:30	1
Tetrachloroethene	ND		1.0	0.15	ug/L			04/30/21 11:30	1
trans-1,2-Dichloroethene	ND		1.0	0.19	ug/L			04/30/21 11:30	1
1,1,1-Trichloroethane	ND		1.0	0.24	ug/L			04/30/21 11:30	1
Trichloroethene	ND		1.0	0.10	ug/L			04/30/21 11:30	1
Vinyl chloride	ND		1.0	0.20	ug/L			04/30/21 11:30	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	106		47 - 134		04/30/21 11:30	1
Dibromofluoromethane (Surr)	101		78 - 129		04/30/21 11:30	1
1,2-Dichloroethane-d4 (Surr)	94		75 - 130		04/30/21 11:30	1
Toluene-d8 (Surr)	95		69 - 122		04/30/21 11:30	1

Lab Sample ID: LCS 240-483549/6

Matrix: Water

Analysis Batch: 483549

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Carbon tetrachloride	20.0	18.9		ug/L		94	61 - 142
Chloroform	20.0	17.7		ug/L		89	74 - 127
cis-1,2-Dichloroethene	20.0	18.8		ug/L		94	75 - 124
1,1-Dichloroethane	20.0	18.1		ug/L		90	74 - 126
1,1-Dichloroethene	20.0	19.9		ug/L		99	73 - 129
Methylene Chloride	20.0	17.9		ug/L		90	63 - 134
Tetrachloroethene	20.0	19.3		ug/L		96	70 - 125
trans-1,2-Dichloroethene	20.0	18.8		ug/L		94	74 - 130
1,1,1-Trichloroethane	20.0	18.2		ug/L		91	65 - 141
Trichloroethene	20.0	19.1		ug/L		95	71 - 121
Vinyl chloride	20.0	17.6		ug/L		88	61 - 134

Surrogate	LCS %Recovery	LCS Qualifier	Limits
4-Bromofluorobenzene (Surr)	107		47 - 134
Dibromofluoromethane (Surr)	92		78 - 129
1,2-Dichloroethane-d4 (Surr)	88		75 - 130
Toluene-d8 (Surr)	97		69 - 122

Lab Sample ID: 240-148185-3 MS

Matrix: Water

Analysis Batch: 483549

Client Sample ID: B-12M

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Carbon tetrachloride	ND		200	192		ug/L		96	53 - 142
Chloroform	ND		200	182		ug/L		91	66 - 126
cis-1,2-Dichloroethene	76		200	262		ug/L		93	68 - 121
1,1-Dichloroethane	2.9	J	200	190		ug/L		93	71 - 121

Eurofins TestAmerica, Canton

QC Sample Results

Client: AECOM
Project/Site: BP Sanborn

Job ID: 240-148185-1

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: 240-148185-3 MS

Matrix: Water

Analysis Batch: 483549

Client Sample ID: B-12M

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
1,1-Dichloroethene	ND		200	203		ug/L		102	64 - 132
Methylene Chloride	ND		200	191		ug/L		95	59 - 127
Tetrachloroethene	ND		200	198		ug/L		99	52 - 129
trans-1,2-Dichloroethene	ND		200	195		ug/L		98	69 - 126
1,1,1-Trichloroethane	5.6	J	200	193		ug/L		94	62 - 135
Trichloroethene	440		200	669		ug/L		115	56 - 124
Vinyl chloride	ND		200	178		ug/L		89	49 - 136
Surrogate	MS %Recovery	MS Qualifier	MS Limits						
4-Bromofluorobenzene (Surr)	108		47 - 134						
Dibromofluoromethane (Surr)	92		78 - 129						
1,2-Dichloroethane-d4 (Surr)	89		75 - 130						
Toluene-d8 (Surr)	97		69 - 122						

Lab Sample ID: 240-148185-3 MSD

Matrix: Water

Analysis Batch: 483549

Client Sample ID: B-12M

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Carbon tetrachloride	ND		200	198		ug/L		99	53 - 142	3	35
Chloroform	ND		200	185		ug/L		93	66 - 126	2	35
cis-1,2-Dichloroethene	76		200	258		ug/L		91	68 - 121	2	35
1,1-Dichloroethane	2.9	J	200	192		ug/L		94	71 - 121	1	35
1,1-Dichloroethene	ND		200	209		ug/L		105	64 - 132	3	35
Methylene Chloride	ND		200	196		ug/L		98	59 - 127	3	32
Tetrachloroethene	ND		200	203		ug/L		101	52 - 129	2	35
trans-1,2-Dichloroethene	ND		200	200		ug/L		100	69 - 126	2	35
1,1,1-Trichloroethane	5.6	J	200	196		ug/L		95	62 - 135	2	35
Trichloroethene	440		200	627		ug/L		94	56 - 124	6	35
Vinyl chloride	ND		200	175		ug/L		88	49 - 136	2	35
Surrogate	MSD %Recovery	MSD Qualifier	MSD Limits								
4-Bromofluorobenzene (Surr)	106		47 - 134								
Dibromofluoromethane (Surr)	91		78 - 129								
1,2-Dichloroethane-d4 (Surr)	89		75 - 130								
Toluene-d8 (Surr)	97		69 - 122								

QC Association Summary

Client: AECOM
Project/Site: BP Sanborn

Job ID: 240-148185-1

GC/MS VOA

Analysis Batch: 483371

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-148185-1	B-52M	Total/NA	Water	8260C	
240-148185-2	B-53M	Total/NA	Water	8260C	
240-148185-3	B-12M	Total/NA	Water	8260C	
240-148185-4	B-50M	Total/NA	Water	8260C	
240-148185-6	B-14M	Total/NA	Water	8260C	
240-148185-7	TRIP BLANK	Total/NA	Water	8260C	
MB 240-483371/8	Method Blank	Total/NA	Water	8260C	
LCS 240-483371/5	Lab Control Sample	Total/NA	Water	8260C	

Analysis Batch: 483549

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-148185-3	B-12M	Total/NA	Water	8260C	
240-148185-5	B-6M	Total/NA	Water	8260C	
240-148185-6	B-14M	Total/NA	Water	8260C	
MB 240-483549/9	Method Blank	Total/NA	Water	8260C	
LCS 240-483549/6	Lab Control Sample	Total/NA	Water	8260C	
240-148185-3 MS	B-12M	Total/NA	Water	8260C	
240-148185-3 MSD	B-12M	Total/NA	Water	8260C	

Lab Chronicle

Client: AECOM
Project/Site: BP Sanborn

Job ID: 240-148185-1

Client Sample ID: B-52M

Date Collected: 04/23/21 09:03

Date Received: 04/24/21 10:30

Lab Sample ID: 240-148185-1

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	483371	04/29/21 13:50	HMB	TAL CAN

Client Sample ID: B-53M

Date Collected: 04/23/21 09:10

Date Received: 04/24/21 10:30

Lab Sample ID: 240-148185-2

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	483371	04/29/21 14:14	HMB	TAL CAN

Client Sample ID: B-12M

Date Collected: 04/23/21 10:10

Date Received: 04/24/21 10:30

Lab Sample ID: 240-148185-3

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		5	483371	04/29/21 14:39	HMB	TAL CAN
Total/NA	Analysis	8260C		10	483549	04/30/21 12:20	HMB	TAL CAN

Client Sample ID: B-50M

Date Collected: 04/23/21 11:05

Date Received: 04/24/21 10:30

Lab Sample ID: 240-148185-4

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		5	483371	04/29/21 15:03	HMB	TAL CAN

Client Sample ID: B-6M

Date Collected: 04/23/21 11:35

Date Received: 04/24/21 10:30

Lab Sample ID: 240-148185-5

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	483549	04/30/21 12:43	HMB	TAL CAN

Client Sample ID: B-14M

Date Collected: 04/23/21 12:28

Date Received: 04/24/21 10:30

Lab Sample ID: 240-148185-6

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	483371	04/29/21 15:52	HMB	TAL CAN
Total/NA	Analysis	8260C		5	483549	04/30/21 13:07	HMB	TAL CAN

Client Sample ID: TRIP BLANK

Date Collected: 04/23/21 00:00

Date Received: 04/24/21 10:30

Lab Sample ID: 240-148185-7

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	483371	04/29/21 16:17	HMB	TAL CAN

Eurofins TestAmerica, Canton

Lab Chronicle

Client: AECOM
Project/Site: BP Sanborn

Job ID: 240-148185-1

Laboratory References:

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

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Accreditation/Certification Summary

Client: AECOM
Project/Site: BP Sanborn

Job ID: 240-148185-1

Laboratory: Eurofins TestAmerica, Canton

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

Authority	Program	Identification Number	Expiration Date
New York	NELAP	10975	03-31-22

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- 12
- 13
- 14

0.364

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:	60481767.102.20.10	
Lab PM:	Opal Johnson		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	
				Soil / Solid	Water / Liquid	Air / Vapor	Total Number of Containers	Unpreserved	H ₂ SO ₄	HNO ₃	HCl	VOCs - 8260C	RSK-175	Methane/Ethane/Ethene	Total Organic Carbon	Sulfate	Ferric Iron	Ferrous Iron-(field filtered)	Standard	Full Data Package
B-52M		4/23/21	0903	X			3													
B-53M		4/23/21	0910	X			3													
B-12M		4/23/21	1010	X			3													
B-50M		4/23/21	1105	X			3													
B-6M		4/23/21	1135	X			3													
B-14M		4/23/21	1228	X			3													
Trip Blank		4/23/21	—	X			2													



240-148185 Chain of Custody

Relinquished By / Affiliation	Date	Time	Accepted By / Affiliation	Date	Time
BP. Jeff / Aecom	4/23/21	1100	Unkown Lab 01b	4/23/21	1600
Unkown Lab 01b	4/23/21	1700	TR. J. G.	4/24/21	1030

Sampler's Name:	AECOM		Shipment Method:	Drop Off at TA Buffalo Ship Date:	
Shipment Tracking No:					

Special Instructions: Please Bill Sanborn Samples to AECOM PO# PO97842 Line 11 (Task 102.20.10.H)

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 Canton Facility				Login # : <u>148185</u>
Client <u>Accom</u>		Site Name _____		Cooler unpacked by: <u>Ryan C</u>
Cooler Received on <u>4-27-21</u>		Opened on <u>4-24-21</u> <u>1030</u>		
FedEx: 1 st Grd <u>Exp</u> UPS FAS Clipper Client Drop Off TestAmerica Courier Other _____				
Receipt After-hours: Drop-off Date/Time _____ Storage Location _____				
TestAmerica Cooler # <u>714</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-11 (CF +0.1 °C) Observed Cooler Temp. <u>0.3</u> °C Corrected Cooler Temp. <u>0.4</u> °C				
IR GUN #IR-12 (CF +0.2°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 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 (ID/Date/Time) be reconciled with the COC? Yes No				
9. For each sample, does the COC specify preservatives (Y/N), # of containers (Y/N), and sample type of grab/comp (Y/N)?				
10. Were correct bottle(s) used for the test(s) indicated? Yes No				
11. Sufficient quantity received to perform indicated analyses? Yes No				
12. Are these work share samples and all listed on the COC? Yes No				
If yes, Questions 13-17 have been checked at the originating laboratory.				
13. Were all preserved sample(s) at the correct pH upon receipt? Yes No <u>NA</u> pH Strip Lot# <u>HC022887</u>				
14. Were VOAs on the COC? Yes No				
15. Were air bubbles >6 mm in any VOA vials? Larger than this. Yes No NA				
16. Was a VOA trip blank present in the cooler(s)? Trip Blank Lot # _____ Yes No				
17. Was a LL Hg or Me Hg trip blank present? Yes No				
Contacted PM _____ Date _____ by _____ via Verbal Voice Mail Other _____				
Concerning _____				

Tests that are not checked for pH by Receiving:

VOAs
Oil and Grease
TOC

18. CHAIN OF CUSTODY & SAMPLE DISCREPANCIES ☐ additional next page	Samples processed by: _____
19. SAMPLE CONDITION Sample(s) _____ were received after the recommended holding time had expired. Sample(s) _____ were received in a broken container. Sample(s) _____ were received with bubble >6 mm in diameter. (Notify PM)	
20. SAMPLE PRESERVATION Sample(s) _____ were further preserved in the laboratory. Time preserved: _____ Preservative(s) added/Lot number(s): _____ VOA Sample Preservation - Date/Time VOAs Frozen: _____	

WI-NC-099

ANALYTICAL REPORT

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

Laboratory Job ID: 240-148317-1
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:
5/6/2021 11:08:53 AM

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

LINKS

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results through
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Have a Question?



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www.eurofinsus.com/Env

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: 240-148317-1

Qualifiers

GC/MS VOA

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
CFU	Colony Forming Unit
CNF	Contains No Free Liquid
DER	Duplicate Error Ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL	Detection Limit (DoD/DOE)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision Level Concentration (Radiochemistry)
EDL	Estimated Detection Limit (Dioxin)
LOD	Limit of Detection (DoD/DOE)
LOQ	Limit of Quantitation (DoD/DOE)
MCL	EPA recommended "Maximum Contaminant Level"
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
MPN	Most Probable Number
MQL	Method Quantitation Limit
NC	Not Calculated
ND	Not Detected at the reporting limit (or MDL or EDL if shown)
NEG	Negative / Absent
POS	Positive / Present
PQL	Practical Quantitation Limit
PRES	Presumptive
QC	Quality Control
RER	Relative Error Ratio (Radiochemistry)
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)
TNTC	Too Numerous To Count

Case Narrative

Client: AECOM
Project/Site: BP Sanborn

Job ID: 240-148317-1

Job ID: 240-148317-1

Laboratory: Eurofins TestAmerica, Canton

Narrative

CASE NARRATIVE

Client: AECOM

Project: BP Sanborn

Report Number: 240-148317-1

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 4/28/2021 2:40 PM. Unless otherwise noted below, the samples arrived in good condition, and where required, properly preserved and on ice. The temperature of the cooler at receipt was 5.0° C.

Receipt Exceptions

A trip blank was not submitted for analysis with this sample shipment; and was listed on the Chain of Custody (COC).

VOLATILE ORGANIC COMPOUNDS (GCMS)

Samples B-21M (240-148317-1), B-28M (240-148317-2), B-39M (240-148317-3), B-40M (240-148317-4), B-41M (240-148317-5), B-22M (240-148317-6), B-10M (240-148317-7), B-11M (240-148317-8), B-16M (240-148317-9), B-09M (240-148317-10), B-03M (240-148317-11) and B-17M (240-148317-12) were analyzed for volatile organic compounds (GCMS) in accordance with EPA SW-846 Method 8260C. The samples were analyzed on 04/30/2021, 05/03/2021 and 05/04/2021.

Samples B-22M (240-148317-6)[5X], B-11M (240-148317-8)[10X], B-03M (240-148317-11)[10X] and B-17M (240-148317-12)[200X] 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: 240-148317-1

Method	Method Description	Protocol	Laboratory
8260C	Volatile Organic Compounds by GC/MS	SW846	TAL CAN
5030C	Purge and Trap	SW846	TAL CAN

Protocol References:

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: 240-148317-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Asset ID
240-148317-1	B-21M	Water	04/26/21 08:25	04/28/21 14:40	
240-148317-2	B-28M	Water	04/26/21 10:02	04/28/21 14:40	
240-148317-3	B-39M	Water	04/26/21 12:10	04/28/21 14:40	
240-148317-4	B-40M	Water	04/26/21 13:00	04/28/21 14:40	
240-148317-5	B-41M	Water	04/26/21 17:52	04/28/21 14:40	
240-148317-6	B-22M	Water	04/26/21 09:07	04/28/21 14:40	
240-148317-7	B-10M	Water	04/26/21 11:58	04/28/21 14:40	
240-148317-8	B-11M	Water	04/27/21 08:45	04/28/21 14:40	
240-148317-9	B-16M	Water	04/27/21 08:18	04/28/21 14:40	
240-148317-10	B-09M	Water	04/27/21 09:19	04/28/21 14:40	
240-148317-11	B-03M	Water	04/27/21 10:45	04/28/21 14:40	
240-148317-12	B-17M	Water	04/27/21 10:30	04/28/21 14:40	

Detection Summary

Client: AECOM
Project/Site: BP Sanborn

Job ID: 240-148317-1

Client Sample ID: B-21M

Lab Sample ID: 240-148317-1

No Detections.

Client Sample ID: B-28M

Lab Sample ID: 240-148317-2

No Detections.

Client Sample ID: B-39M

Lab Sample ID: 240-148317-3

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
cis-1,2-Dichloroethene	2.5		1.0	0.16	ug/L	1		8260C	Total/NA
Trichloroethene	7.8		1.0	0.10	ug/L	1		8260C	Total/NA

Client Sample ID: B-40M

Lab Sample ID: 240-148317-4

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
cis-1,2-Dichloroethene	0.84	J	1.0	0.16	ug/L	1		8260C	Total/NA
Trichloroethene	0.57	J	1.0	0.10	ug/L	1		8260C	Total/NA

Client Sample ID: B-41M

Lab Sample ID: 240-148317-5

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
cis-1,2-Dichloroethene	4.3		1.0	0.16	ug/L	1		8260C	Total/NA
Trichloroethene	0.37	J	1.0	0.10	ug/L	1		8260C	Total/NA

Client Sample ID: B-22M

Lab Sample ID: 240-148317-6

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Chloroform	0.17	J	1.0	0.13	ug/L	1		8260C	Total/NA
cis-1,2-Dichloroethene	230		5.0	0.80	ug/L	5		8260C	Total/NA
1,1-Dichloroethane	2.7		1.0	0.17	ug/L	1		8260C	Total/NA
1,1-Dichloroethene	1.0		1.0	0.19	ug/L	1		8260C	Total/NA
Tetrachloroethene	0.17	J	1.0	0.15	ug/L	1		8260C	Total/NA
trans-1,2-Dichloroethene	7.3		1.0	0.19	ug/L	1		8260C	Total/NA
1,1,1-Trichloroethane	0.97	J	1.0	0.24	ug/L	1		8260C	Total/NA
Trichloroethene	160		5.0	0.50	ug/L	5		8260C	Total/NA
Vinyl chloride	0.21	J	1.0	0.20	ug/L	1		8260C	Total/NA

Client Sample ID: B-10M

Lab Sample ID: 240-148317-7

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
cis-1,2-Dichloroethene	1.7		1.0	0.16	ug/L	1		8260C	Total/NA
1,1-Dichloroethane	0.29	J	1.0	0.17	ug/L	1		8260C	Total/NA
trans-1,2-Dichloroethene	0.27	J	1.0	0.19	ug/L	1		8260C	Total/NA
1,1,1-Trichloroethane	2.1		1.0	0.24	ug/L	1		8260C	Total/NA
Trichloroethene	14		1.0	0.10	ug/L	1		8260C	Total/NA

Client Sample ID: B-11M

Lab Sample ID: 240-148317-8

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
cis-1,2-Dichloroethene	23		10	1.6	ug/L	10		8260C	Total/NA
Tetrachloroethene	9.6	J	10	1.5	ug/L	10		8260C	Total/NA
Trichloroethene	210		10	1.0	ug/L	10		8260C	Total/NA

This Detection Summary does not include radiochemical test results.

Eurofins TestAmerica, Canton

Detection Summary

Client: AECOM
Project/Site: BP Sanborn

Job ID: 240-148317-1

Client Sample ID: B-16M

Lab Sample ID: 240-148317-9

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Trichloroethene	0.10	J	1.0	0.10	ug/L	1		8260C	Total/NA

Client Sample ID: B-09M

Lab Sample ID: 240-148317-10

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Tetrachloroethene	0.52	J	1.0	0.15	ug/L	1		8260C	Total/NA
Trichloroethene	0.35	J	1.0	0.10	ug/L	1		8260C	Total/NA

Client Sample ID: B-03M

Lab Sample ID: 240-148317-11

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
cis-1,2-Dichloroethene	300		10	1.6	ug/L	10		8260C	Total/NA
1,1-Dichloroethane	4.5	J	10	1.7	ug/L	10		8260C	Total/NA
1,1-Dichloroethene	2.3	J	10	1.9	ug/L	10		8260C	Total/NA
Tetrachloroethene	1.5	J	10	1.5	ug/L	10		8260C	Total/NA
trans-1,2-Dichloroethene	3.4	J	10	1.9	ug/L	10		8260C	Total/NA
1,1,1-Trichloroethane	2.8	J	10	2.4	ug/L	10		8260C	Total/NA
Trichloroethene	340		10	1.0	ug/L	10		8260C	Total/NA

Client Sample ID: B-17M

Lab Sample ID: 240-148317-12

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
cis-1,2-Dichloroethene	4100		200	32	ug/L	200		8260C	Total/NA
1,1-Dichloroethane	35	J	200	34	ug/L	200		8260C	Total/NA
Trichloroethene	1500		200	20	ug/L	200		8260C	Total/NA
Vinyl chloride	2500		200	40	ug/L	200		8260C	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: 240-148317-1

Client Sample ID: B-21M

Lab Sample ID: 240-148317-1

Date Collected: 04/26/21 08:25

Matrix: Water

Date Received: 04/28/21 14:40

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Carbon tetrachloride	ND		1.0	0.26	ug/L			04/30/21 19:29	1
Chloroform	ND		1.0	0.13	ug/L			04/30/21 19:29	1
cis-1,2-Dichloroethene	ND		1.0	0.16	ug/L			04/30/21 19:29	1
1,1-Dichloroethane	ND		1.0	0.17	ug/L			04/30/21 19:29	1
1,1-Dichloroethene	ND		1.0	0.19	ug/L			04/30/21 19:29	1
Methylene Chloride	ND		5.0	2.6	ug/L			04/30/21 19:29	1
Tetrachloroethene	ND		1.0	0.15	ug/L			04/30/21 19:29	1
trans-1,2-Dichloroethene	ND		1.0	0.19	ug/L			04/30/21 19:29	1
1,1,1-Trichloroethane	ND		1.0	0.24	ug/L			04/30/21 19:29	1
Trichloroethene	ND		1.0	0.10	ug/L			04/30/21 19:29	1
Vinyl chloride	ND		1.0	0.20	ug/L			04/30/21 19:29	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	110		47 - 134		04/30/21 19:29	1
Dibromofluoromethane (Surr)	105		78 - 129		04/30/21 19:29	1
1,2-Dichloroethane-d4 (Surr)	97		75 - 130		04/30/21 19:29	1
Toluene-d8 (Surr)	98		69 - 122		04/30/21 19:29	1

Client Sample Results

Client: AECOM
Project/Site: BP Sanborn

Job ID: 240-148317-1

Client Sample ID: B-28M

Lab Sample ID: 240-148317-2

Date Collected: 04/26/21 10:02

Matrix: Water

Date Received: 04/28/21 14:40

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Carbon tetrachloride	ND		1.0	0.26	ug/L			04/30/21 19:53	1
Chloroform	ND		1.0	0.13	ug/L			04/30/21 19:53	1
cis-1,2-Dichloroethene	ND		1.0	0.16	ug/L			04/30/21 19:53	1
1,1-Dichloroethane	ND		1.0	0.17	ug/L			04/30/21 19:53	1
1,1-Dichloroethene	ND		1.0	0.19	ug/L			04/30/21 19:53	1
Methylene Chloride	ND		5.0	2.6	ug/L			04/30/21 19:53	1
Tetrachloroethene	ND		1.0	0.15	ug/L			04/30/21 19:53	1
trans-1,2-Dichloroethene	ND		1.0	0.19	ug/L			04/30/21 19:53	1
1,1,1-Trichloroethane	ND		1.0	0.24	ug/L			04/30/21 19:53	1
Trichloroethene	ND		1.0	0.10	ug/L			04/30/21 19:53	1
Vinyl chloride	ND		1.0	0.20	ug/L			04/30/21 19:53	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	110		47 - 134		04/30/21 19:53	1
Dibromofluoromethane (Surr)	104		78 - 129		04/30/21 19:53	1
1,2-Dichloroethane-d4 (Surr)	96		75 - 130		04/30/21 19:53	1
Toluene-d8 (Surr)	97		69 - 122		04/30/21 19:53	1

Client Sample Results

Client: AECOM
Project/Site: BP Sanborn

Job ID: 240-148317-1

Client Sample ID: B-39M

Lab Sample ID: 240-148317-3

Date Collected: 04/26/21 12:10

Matrix: Water

Date Received: 04/28/21 14:40

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Carbon tetrachloride	ND		1.0	0.26	ug/L			04/30/21 20:18	1
Chloroform	ND		1.0	0.13	ug/L			04/30/21 20:18	1
cis-1,2-Dichloroethene	2.5		1.0	0.16	ug/L			04/30/21 20:18	1
1,1-Dichloroethane	ND		1.0	0.17	ug/L			04/30/21 20:18	1
1,1-Dichloroethene	ND		1.0	0.19	ug/L			04/30/21 20:18	1
Methylene Chloride	ND		5.0	2.6	ug/L			04/30/21 20:18	1
Tetrachloroethene	ND		1.0	0.15	ug/L			04/30/21 20:18	1
trans-1,2-Dichloroethene	ND		1.0	0.19	ug/L			04/30/21 20:18	1
1,1,1-Trichloroethane	ND		1.0	0.24	ug/L			04/30/21 20:18	1
Trichloroethene	7.8		1.0	0.10	ug/L			04/30/21 20:18	1
Vinyl chloride	ND		1.0	0.20	ug/L			04/30/21 20:18	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	109		47 - 134		04/30/21 20:18	1
Dibromofluoromethane (Surr)	101		78 - 129		04/30/21 20:18	1
1,2-Dichloroethane-d4 (Surr)	94		75 - 130		04/30/21 20:18	1
Toluene-d8 (Surr)	97		69 - 122		04/30/21 20:18	1

Client Sample Results

Client: AECOM
Project/Site: BP Sanborn

Job ID: 240-148317-1

Client Sample ID: B-40M

Lab Sample ID: 240-148317-4

Date Collected: 04/26/21 13:00

Matrix: Water

Date Received: 04/28/21 14:40

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Carbon tetrachloride	ND		1.0	0.26	ug/L			05/03/21 13:09	1
Chloroform	ND		1.0	0.13	ug/L			05/03/21 13:09	1
cis-1,2-Dichloroethene	0.84	J	1.0	0.16	ug/L			05/03/21 13:09	1
1,1-Dichloroethane	ND		1.0	0.17	ug/L			05/03/21 13:09	1
1,1-Dichloroethene	ND		1.0	0.19	ug/L			05/03/21 13:09	1
Methylene Chloride	ND		5.0	2.6	ug/L			05/03/21 13:09	1
Tetrachloroethene	ND		1.0	0.15	ug/L			05/03/21 13:09	1
trans-1,2-Dichloroethene	ND		1.0	0.19	ug/L			05/03/21 13:09	1
1,1,1-Trichloroethane	ND		1.0	0.24	ug/L			05/03/21 13:09	1
Trichloroethene	0.57	J	1.0	0.10	ug/L			05/03/21 13:09	1
Vinyl chloride	ND		1.0	0.20	ug/L			05/03/21 13:09	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	109		47 - 134		05/03/21 13:09	1
Dibromofluoromethane (Surr)	102		78 - 129		05/03/21 13:09	1
1,2-Dichloroethane-d4 (Surr)	94		75 - 130		05/03/21 13:09	1
Toluene-d8 (Surr)	95		69 - 122		05/03/21 13:09	1

Client Sample Results

Client: AECOM
Project/Site: BP Sanborn

Job ID: 240-148317-1

Client Sample ID: B-41M

Lab Sample ID: 240-148317-5

Date Collected: 04/26/21 17:52

Matrix: Water

Date Received: 04/28/21 14:40

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Carbon tetrachloride	ND		1.0	0.26	ug/L			05/03/21 13:33	1
Chloroform	ND		1.0	0.13	ug/L			05/03/21 13:33	1
cis-1,2-Dichloroethene	4.3		1.0	0.16	ug/L			05/03/21 13:33	1
1,1-Dichloroethane	ND		1.0	0.17	ug/L			05/03/21 13:33	1
1,1-Dichloroethene	ND		1.0	0.19	ug/L			05/03/21 13:33	1
Methylene Chloride	ND		5.0	2.6	ug/L			05/03/21 13:33	1
Tetrachloroethene	ND		1.0	0.15	ug/L			05/03/21 13:33	1
trans-1,2-Dichloroethene	ND		1.0	0.19	ug/L			05/03/21 13:33	1
1,1,1-Trichloroethane	ND		1.0	0.24	ug/L			05/03/21 13:33	1
Trichloroethene	0.37	J	1.0	0.10	ug/L			05/03/21 13:33	1
Vinyl chloride	ND		1.0	0.20	ug/L			05/03/21 13:33	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	107		47 - 134		05/03/21 13:33	1
Dibromofluoromethane (Surr)	99		78 - 129		05/03/21 13:33	1
1,2-Dichloroethane-d4 (Surr)	91		75 - 130		05/03/21 13:33	1
Toluene-d8 (Surr)	94		69 - 122		05/03/21 13:33	1

Client Sample Results

Client: AECOM
Project/Site: BP Sanborn

Job ID: 240-148317-1

Client Sample ID: B-22M

Lab Sample ID: 240-148317-6

Date Collected: 04/26/21 09:07

Matrix: Water

Date Received: 04/28/21 14:40

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Carbon tetrachloride	ND		1.0	0.26	ug/L			05/03/21 13:58	1
Chloroform	0.17	J	1.0	0.13	ug/L			05/03/21 13:58	1
cis-1,2-Dichloroethene	230		5.0	0.80	ug/L			05/04/21 12:57	5
1,1-Dichloroethane	2.7		1.0	0.17	ug/L			05/03/21 13:58	1
1,1-Dichloroethene	1.0		1.0	0.19	ug/L			05/03/21 13:58	1
Methylene Chloride	ND		5.0	2.6	ug/L			05/03/21 13:58	1
Tetrachloroethene	0.17	J	1.0	0.15	ug/L			05/03/21 13:58	1
trans-1,2-Dichloroethene	7.3		1.0	0.19	ug/L			05/03/21 13:58	1
1,1,1-Trichloroethane	0.97	J	1.0	0.24	ug/L			05/03/21 13:58	1
Trichloroethene	160		5.0	0.50	ug/L			05/04/21 12:57	5
Vinyl chloride	0.21	J	1.0	0.20	ug/L			05/03/21 13:58	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	108		47 - 134		05/03/21 13:58	1
4-Bromofluorobenzene (Surr)	105		47 - 134		05/04/21 12:57	5
Dibromofluoromethane (Surr)	98		78 - 129		05/03/21 13:58	1
Dibromofluoromethane (Surr)	99		78 - 129		05/04/21 12:57	5
1,2-Dichloroethane-d4 (Surr)	91		75 - 130		05/03/21 13:58	1
1,2-Dichloroethane-d4 (Surr)	90		75 - 130		05/04/21 12:57	5
Toluene-d8 (Surr)	94		69 - 122		05/03/21 13:58	1
Toluene-d8 (Surr)	91		69 - 122		05/04/21 12:57	5

Client Sample Results

Client: AECOM
Project/Site: BP Sanborn

Job ID: 240-148317-1

Client Sample ID: B-10M

Lab Sample ID: 240-148317-7

Date Collected: 04/26/21 11:58

Matrix: Water

Date Received: 04/28/21 14:40

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Carbon tetrachloride	ND		1.0	0.26	ug/L			05/03/21 14:22	1
Chloroform	ND		1.0	0.13	ug/L			05/03/21 14:22	1
cis-1,2-Dichloroethene	1.7		1.0	0.16	ug/L			05/04/21 13:22	1
1,1-Dichloroethane	0.29	J	1.0	0.17	ug/L			05/03/21 14:22	1
1,1-Dichloroethene	ND		1.0	0.19	ug/L			05/03/21 14:22	1
Methylene Chloride	ND		5.0	2.6	ug/L			05/03/21 14:22	1
Tetrachloroethene	ND		1.0	0.15	ug/L			05/03/21 14:22	1
trans-1,2-Dichloroethene	0.27	J	1.0	0.19	ug/L			05/03/21 14:22	1
1,1,1-Trichloroethane	2.1		1.0	0.24	ug/L			05/03/21 14:22	1
Trichloroethene	14		1.0	0.10	ug/L			05/04/21 13:22	1
Vinyl chloride	ND		1.0	0.20	ug/L			05/03/21 14:22	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	108		47 - 134		05/03/21 14:22	1
4-Bromofluorobenzene (Surr)	106		47 - 134		05/04/21 13:22	1
Dibromofluoromethane (Surr)	100		78 - 129		05/03/21 14:22	1
Dibromofluoromethane (Surr)	96		78 - 129		05/04/21 13:22	1
1,2-Dichloroethane-d4 (Surr)	91		75 - 130		05/03/21 14:22	1
1,2-Dichloroethane-d4 (Surr)	89		75 - 130		05/04/21 13:22	1
Toluene-d8 (Surr)	95		69 - 122		05/03/21 14:22	1
Toluene-d8 (Surr)	94		69 - 122		05/04/21 13:22	1

Client Sample Results

Client: AECOM
Project/Site: BP Sanborn

Job ID: 240-148317-1

Client Sample ID: B-11M

Lab Sample ID: 240-148317-8

Date Collected: 04/27/21 08:45

Matrix: Water

Date Received: 04/28/21 14:40

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Carbon tetrachloride	ND		10	2.6	ug/L			05/03/21 14:47	10
Chloroform	ND		10	1.3	ug/L			05/03/21 14:47	10
cis-1,2-Dichloroethene	23		10	1.6	ug/L			05/03/21 14:47	10
1,1-Dichloroethane	ND		10	1.7	ug/L			05/03/21 14:47	10
1,1-Dichloroethene	ND		10	1.9	ug/L			05/03/21 14:47	10
Methylene Chloride	ND		50	26	ug/L			05/03/21 14:47	10
Tetrachloroethene	9.6 J		10	1.5	ug/L			05/03/21 14:47	10
trans-1,2-Dichloroethene	ND		10	1.9	ug/L			05/03/21 14:47	10
1,1,1-Trichloroethane	ND		10	2.4	ug/L			05/03/21 14:47	10
Trichloroethene	210		10	1.0	ug/L			05/03/21 14:47	10
Vinyl chloride	ND		10	2.0	ug/L			05/03/21 14:47	10

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	109		47 - 134		05/03/21 14:47	10
Dibromofluoromethane (Surr)	102		78 - 129		05/03/21 14:47	10
1,2-Dichloroethane-d4 (Surr)	94		75 - 130		05/03/21 14:47	10
Toluene-d8 (Surr)	95		69 - 122		05/03/21 14:47	10

Client Sample Results

Client: AECOM
Project/Site: BP Sanborn

Job ID: 240-148317-1

Client Sample ID: B-16M

Lab Sample ID: 240-148317-9

Date Collected: 04/27/21 08:18

Matrix: Water

Date Received: 04/28/21 14:40

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Carbon tetrachloride	ND		1.0	0.26	ug/L			05/03/21 15:11	1
Chloroform	ND		1.0	0.13	ug/L			05/03/21 15:11	1
cis-1,2-Dichloroethene	ND		1.0	0.16	ug/L			05/03/21 15:11	1
1,1-Dichloroethane	ND		1.0	0.17	ug/L			05/03/21 15:11	1
1,1-Dichloroethene	ND		1.0	0.19	ug/L			05/03/21 15:11	1
Methylene Chloride	ND		5.0	2.6	ug/L			05/03/21 15:11	1
Tetrachloroethene	ND		1.0	0.15	ug/L			05/03/21 15:11	1
trans-1,2-Dichloroethene	ND		1.0	0.19	ug/L			05/03/21 15:11	1
1,1,1-Trichloroethane	ND		1.0	0.24	ug/L			05/03/21 15:11	1
Trichloroethene	0.10	J	1.0	0.10	ug/L			05/03/21 15:11	1
Vinyl chloride	ND		1.0	0.20	ug/L			05/03/21 15:11	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	107		47 - 134		05/03/21 15:11	1
Dibromofluoromethane (Surr)	102		78 - 129		05/03/21 15:11	1
1,2-Dichloroethane-d4 (Surr)	93		75 - 130		05/03/21 15:11	1
Toluene-d8 (Surr)	94		69 - 122		05/03/21 15:11	1

Client Sample Results

Client: AECOM
Project/Site: BP Sanborn

Job ID: 240-148317-1

Client Sample ID: B-09M

Lab Sample ID: 240-148317-10

Date Collected: 04/27/21 09:19

Matrix: Water

Date Received: 04/28/21 14:40

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Carbon tetrachloride	ND		1.0	0.26	ug/L			05/03/21 15:36	1
Chloroform	ND		1.0	0.13	ug/L			05/03/21 15:36	1
cis-1,2-Dichloroethene	ND		1.0	0.16	ug/L			05/03/21 15:36	1
1,1-Dichloroethane	ND		1.0	0.17	ug/L			05/03/21 15:36	1
1,1-Dichloroethene	ND		1.0	0.19	ug/L			05/03/21 15:36	1
Methylene Chloride	ND		5.0	2.6	ug/L			05/03/21 15:36	1
Tetrachloroethene	0.52	J	1.0	0.15	ug/L			05/03/21 15:36	1
trans-1,2-Dichloroethene	ND		1.0	0.19	ug/L			05/03/21 15:36	1
1,1,1-Trichloroethane	ND		1.0	0.24	ug/L			05/03/21 15:36	1
Trichloroethene	0.35	J	1.0	0.10	ug/L			05/03/21 15:36	1
Vinyl chloride	ND		1.0	0.20	ug/L			05/03/21 15:36	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	108		47 - 134		05/03/21 15:36	1
Dibromofluoromethane (Surr)	102		78 - 129		05/03/21 15:36	1
1,2-Dichloroethane-d4 (Surr)	92		75 - 130		05/03/21 15:36	1
Toluene-d8 (Surr)	94		69 - 122		05/03/21 15:36	1

Client Sample Results

Client: AECOM
Project/Site: BP Sanborn

Job ID: 240-148317-1

Client Sample ID: B-03M

Lab Sample ID: 240-148317-11

Date Collected: 04/27/21 10:45

Matrix: Water

Date Received: 04/28/21 14:40

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Carbon tetrachloride	ND		10	2.6	ug/L			05/03/21 16:00	10
Chloroform	ND		10	1.3	ug/L			05/03/21 16:00	10
cis-1,2-Dichloroethene	300		10	1.6	ug/L			05/03/21 16:00	10
1,1-Dichloroethane	4.5	J	10	1.7	ug/L			05/03/21 16:00	10
1,1-Dichloroethene	2.3	J	10	1.9	ug/L			05/03/21 16:00	10
Methylene Chloride	ND		50	26	ug/L			05/03/21 16:00	10
Tetrachloroethene	1.5	J	10	1.5	ug/L			05/03/21 16:00	10
trans-1,2-Dichloroethene	3.4	J	10	1.9	ug/L			05/03/21 16:00	10
1,1,1-Trichloroethane	2.8	J	10	2.4	ug/L			05/03/21 16:00	10
Trichloroethene	340		10	1.0	ug/L			05/03/21 16:00	10
Vinyl chloride	ND		10	2.0	ug/L			05/03/21 16:00	10

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	108		47 - 134		05/03/21 16:00	10
Dibromofluoromethane (Surr)	101		78 - 129		05/03/21 16:00	10
1,2-Dichloroethane-d4 (Surr)	93		75 - 130		05/03/21 16:00	10
Toluene-d8 (Surr)	94		69 - 122		05/03/21 16:00	10

Client Sample Results

Client: AECOM
Project/Site: BP Sanborn

Job ID: 240-148317-1

Client Sample ID: B-17M

Lab Sample ID: 240-148317-12

Date Collected: 04/27/21 10:30

Matrix: Water

Date Received: 04/28/21 14:40

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Carbon tetrachloride	ND		200	52	ug/L			05/03/21 16:26	200
Chloroform	ND		200	26	ug/L			05/03/21 16:26	200
cis-1,2-Dichloroethene	4100		200	32	ug/L			05/03/21 16:26	200
1,1-Dichloroethane	35	J	200	34	ug/L			05/03/21 16:26	200
1,1-Dichloroethene	ND		200	38	ug/L			05/03/21 16:26	200
Methylene Chloride	ND		1000	520	ug/L			05/03/21 16:26	200
Tetrachloroethene	ND		200	30	ug/L			05/03/21 16:26	200
trans-1,2-Dichloroethene	ND		200	38	ug/L			05/03/21 16:26	200
1,1,1-Trichloroethane	ND		200	48	ug/L			05/03/21 16:26	200
Trichloroethene	1500		200	20	ug/L			05/03/21 16:26	200
Vinyl chloride	2500		200	40	ug/L			05/03/21 16:26	200

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	108		47 - 134		05/03/21 16:26	200
Dibromofluoromethane (Surr)	104		78 - 129		05/03/21 16:26	200
1,2-Dichloroethane-d4 (Surr)	94		75 - 130		05/03/21 16:26	200
Toluene-d8 (Surr)	94		69 - 122		05/03/21 16:26	200

Surrogate Summary

Client: AECOM
Project/Site: BP Sanborn

Job ID: 240-148317-1

Method: 8260C - Volatile Organic Compounds by GC/MS

Matrix: Water

Prep Type: Total/NA

Lab Sample ID	Client Sample ID	Percent Surrogate Recovery (Acceptance Limits)			
		BFB (47-134)	DBFM (78-129)	DCA (75-130)	TOL (69-122)
240-148317-1	B-21M	110	105	97	98
240-148317-2	B-28M	110	104	96	97
240-148317-3	B-39M	109	101	94	97
240-148317-4	B-40M	109	102	94	95
240-148317-5	B-41M	107	99	91	94
240-148317-6	B-22M	108	98	91	94
240-148317-6	B-22M	105	99	90	91
240-148317-7	B-10M	108	100	91	95
240-148317-7	B-10M	106	96	89	94
240-148317-8	B-11M	109	102	94	95
240-148317-9	B-16M	107	102	93	94
240-148317-10	B-09M	108	102	92	94
240-148317-11	B-03M	108	101	93	94
240-148317-12	B-17M	108	104	94	94
240-148317-12 MS	B-17M	108	92	87	97
240-148317-12 MSD	B-17M	107	92	87	94
LCS 240-483549/6	Lab Control Sample	107	92	88	97
LCS 240-483776/4	Lab Control Sample	105	92	86	93
LCS 240-483980/4	Lab Control Sample	105	90	85	94
MB 240-483549/9	Method Blank	106	101	94	95
MB 240-483776/7	Method Blank	106	97	91	94
MB 240-483980/7	Method Blank	107	99	89	92

Surrogate Legend

BFB = 4-Bromofluorobenzene (Surr)

DBFM = Dibromofluoromethane (Surr)

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

TOL = Toluene-d8 (Surr)

QC Sample Results

Client: AECOM
Project/Site: BP Sanborn

Job ID: 240-148317-1

Method: 8260C - Volatile Organic Compounds by GC/MS

Lab Sample ID: MB 240-483549/9

Matrix: Water

Analysis Batch: 483549

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Carbon tetrachloride	ND		1.0	0.26	ug/L			04/30/21 11:30	1
Chloroform	ND		1.0	0.13	ug/L			04/30/21 11:30	1
cis-1,2-Dichloroethene	ND		1.0	0.16	ug/L			04/30/21 11:30	1
1,1-Dichloroethane	ND		1.0	0.17	ug/L			04/30/21 11:30	1
1,1-Dichloroethene	ND		1.0	0.19	ug/L			04/30/21 11:30	1
Methylene Chloride	ND		5.0	2.6	ug/L			04/30/21 11:30	1
Tetrachloroethene	ND		1.0	0.15	ug/L			04/30/21 11:30	1
trans-1,2-Dichloroethene	ND		1.0	0.19	ug/L			04/30/21 11:30	1
1,1,1-Trichloroethane	ND		1.0	0.24	ug/L			04/30/21 11:30	1
Trichloroethene	ND		1.0	0.10	ug/L			04/30/21 11:30	1
Vinyl chloride	ND		1.0	0.20	ug/L			04/30/21 11:30	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	106		47 - 134		04/30/21 11:30	1
Dibromofluoromethane (Surr)	101		78 - 129		04/30/21 11:30	1
1,2-Dichloroethane-d4 (Surr)	94		75 - 130		04/30/21 11:30	1
Toluene-d8 (Surr)	95		69 - 122		04/30/21 11:30	1

Lab Sample ID: LCS 240-483549/6

Matrix: Water

Analysis Batch: 483549

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Carbon tetrachloride	20.0	18.9		ug/L		94	61 - 142
Chloroform	20.0	17.7		ug/L		89	74 - 127
cis-1,2-Dichloroethene	20.0	18.8		ug/L		94	75 - 124
1,1-Dichloroethane	20.0	18.1		ug/L		90	74 - 126
1,1-Dichloroethene	20.0	19.9		ug/L		99	73 - 129
Methylene Chloride	20.0	17.9		ug/L		90	63 - 134
Tetrachloroethene	20.0	19.3		ug/L		96	70 - 125
trans-1,2-Dichloroethene	20.0	18.8		ug/L		94	74 - 130
1,1,1-Trichloroethane	20.0	18.2		ug/L		91	65 - 141
Trichloroethene	20.0	19.1		ug/L		95	71 - 121
Vinyl chloride	20.0	17.6		ug/L		88	61 - 134

Surrogate	LCS %Recovery	LCS Qualifier	Limits
4-Bromofluorobenzene (Surr)	107		47 - 134
Dibromofluoromethane (Surr)	92		78 - 129
1,2-Dichloroethane-d4 (Surr)	88		75 - 130
Toluene-d8 (Surr)	97		69 - 122

Lab Sample ID: MB 240-483776/7

Matrix: Water

Analysis Batch: 483776

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Carbon tetrachloride	ND		1.0	0.26	ug/L			05/03/21 11:55	1
Chloroform	ND		1.0	0.13	ug/L			05/03/21 11:55	1

Eurofins TestAmerica, Canton

QC Sample Results

Client: AECOM
Project/Site: BP Sanborn

Job ID: 240-148317-1

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: MB 240-483776/7

Matrix: Water

Analysis Batch: 483776

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
cis-1,2-Dichloroethene	ND		1.0	0.16	ug/L			05/03/21 11:55	1
1,1-Dichloroethane	ND		1.0	0.17	ug/L			05/03/21 11:55	1
1,1-Dichloroethene	ND		1.0	0.19	ug/L			05/03/21 11:55	1
Methylene Chloride	ND		5.0	2.6	ug/L			05/03/21 11:55	1
Tetrachloroethene	ND		1.0	0.15	ug/L			05/03/21 11:55	1
trans-1,2-Dichloroethene	ND		1.0	0.19	ug/L			05/03/21 11:55	1
1,1,1-Trichloroethane	ND		1.0	0.24	ug/L			05/03/21 11:55	1
Trichloroethene	ND		1.0	0.10	ug/L			05/03/21 11:55	1
Vinyl chloride	ND		1.0	0.20	ug/L			05/03/21 11:55	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	106		47 - 134		05/03/21 11:55	1
Dibromofluoromethane (Surr)	97		78 - 129		05/03/21 11:55	1
1,2-Dichloroethane-d4 (Surr)	91		75 - 130		05/03/21 11:55	1
Toluene-d8 (Surr)	94		69 - 122		05/03/21 11:55	1

Lab Sample ID: LCS 240-483776/4

Matrix: Water

Analysis Batch: 483776

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Carbon tetrachloride	20.0	18.8		ug/L		94	61 - 142
Chloroform	20.0	18.2		ug/L		91	74 - 127
cis-1,2-Dichloroethene	20.0	19.1		ug/L		96	75 - 124
1,1-Dichloroethane	20.0	18.7		ug/L		93	74 - 126
1,1-Dichloroethene	20.0	20.8		ug/L		104	73 - 129
Methylene Chloride	20.0	19.2		ug/L		96	63 - 134
Tetrachloroethene	20.0	18.8		ug/L		94	70 - 125
trans-1,2-Dichloroethene	20.0	19.3		ug/L		96	74 - 130
1,1,1-Trichloroethane	20.0	18.6		ug/L		93	65 - 141
Trichloroethene	20.0	18.8		ug/L		94	71 - 121
Vinyl chloride	20.0	18.5		ug/L		93	61 - 134

Surrogate	LCS %Recovery	LCS Qualifier	Limits
4-Bromofluorobenzene (Surr)	105		47 - 134
Dibromofluoromethane (Surr)	92		78 - 129
1,2-Dichloroethane-d4 (Surr)	86		75 - 130
Toluene-d8 (Surr)	93		69 - 122

Lab Sample ID: 240-148317-12 MS

Matrix: Water

Analysis Batch: 483776

Client Sample ID: B-17M

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Carbon tetrachloride	ND		4000	3600		ug/L		90	53 - 142
Chloroform	ND		4000	3550		ug/L		89	66 - 126
cis-1,2-Dichloroethene	4100		4000	7190		ug/L		78	68 - 121
1,1-Dichloroethane	35	J	4000	3710		ug/L		92	71 - 121

Eurofins TestAmerica, Canton

QC Sample Results

Client: AECOM
Project/Site: BP Sanborn

Job ID: 240-148317-1

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: 240-148317-12 MS

Matrix: Water

Analysis Batch: 483776

Client Sample ID: B-17M

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
1,1-Dichloroethene	ND		4000	3950		ug/L		99	64 - 132
Methylene Chloride	ND		4000	3760		ug/L		94	59 - 127
Tetrachloroethene	ND		4000	3660		ug/L		92	52 - 129
trans-1,2-Dichloroethene	ND		4000	3760		ug/L		94	69 - 126
1,1,1-Trichloroethane	ND		4000	3580		ug/L		89	62 - 135
Trichloroethene	1500		4000	5250		ug/L		94	56 - 124
Vinyl chloride	2500		4000	5730		ug/L		80	49 - 136

Surrogate	MS %Recovery	MS Qualifier	Limits
4-Bromofluorobenzene (Surr)	108		47 - 134
Dibromofluoromethane (Surr)	92		78 - 129
1,2-Dichloroethane-d4 (Surr)	87		75 - 130
Toluene-d8 (Surr)	97		69 - 122

Lab Sample ID: 240-148317-12 MSD

Matrix: Water

Analysis Batch: 483776

Client Sample ID: B-17M

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Carbon tetrachloride	ND		4000	3900		ug/L		98	53 - 142	8	35
Chloroform	ND		4000	3930		ug/L		98	66 - 126	10	35
cis-1,2-Dichloroethene	4100		4000	7670		ug/L		90	68 - 121	6	35
1,1-Dichloroethane	35	J	4000	4050		ug/L		100	71 - 121	9	35
1,1-Dichloroethene	ND		4000	4370		ug/L		109	64 - 132	10	35
Methylene Chloride	ND		4000	4130		ug/L		103	59 - 127	9	32
Tetrachloroethene	ND		4000	3870		ug/L		97	52 - 129	6	35
trans-1,2-Dichloroethene	ND		4000	4140		ug/L		104	69 - 126	10	35
1,1,1-Trichloroethane	ND		4000	3910		ug/L		98	62 - 135	9	35
Trichloroethene	1500		4000	5570		ug/L		103	56 - 124	6	35
Vinyl chloride	2500		4000	5730		ug/L		80	49 - 136	0	35

Surrogate	MSD %Recovery	MSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	107		47 - 134
Dibromofluoromethane (Surr)	92		78 - 129
1,2-Dichloroethane-d4 (Surr)	87		75 - 130
Toluene-d8 (Surr)	94		69 - 122

Lab Sample ID: MB 240-483980/7

Matrix: Water

Analysis Batch: 483980

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Carbon tetrachloride	ND		1.0	0.26	ug/L			05/04/21 12:08	1
Chloroform	ND		1.0	0.13	ug/L			05/04/21 12:08	1
cis-1,2-Dichloroethene	ND		1.0	0.16	ug/L			05/04/21 12:08	1
1,1-Dichloroethane	ND		1.0	0.17	ug/L			05/04/21 12:08	1
1,1-Dichloroethene	ND		1.0	0.19	ug/L			05/04/21 12:08	1
Methylene Chloride	ND		5.0	2.6	ug/L			05/04/21 12:08	1

Eurofins TestAmerica, Canton

QC Sample Results

Client: AECOM
Project/Site: BP Sanborn

Job ID: 240-148317-1

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: MB 240-483980/7

Matrix: Water

Analysis Batch: 483980

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			05/04/21 12:08	1
trans-1,2-Dichloroethene	ND		1.0	0.19	ug/L			05/04/21 12:08	1
1,1,1-Trichloroethane	ND		1.0	0.24	ug/L			05/04/21 12:08	1
Trichloroethene	ND		1.0	0.10	ug/L			05/04/21 12:08	1
Vinyl chloride	ND		1.0	0.20	ug/L			05/04/21 12:08	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	107		47 - 134		05/04/21 12:08	1
Dibromofluoromethane (Surr)	99		78 - 129		05/04/21 12:08	1
1,2-Dichloroethane-d4 (Surr)	89		75 - 130		05/04/21 12:08	1
Toluene-d8 (Surr)	92		69 - 122		05/04/21 12:08	1

Lab Sample ID: LCS 240-483980/4

Matrix: Water

Analysis Batch: 483980

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Carbon tetrachloride	20.0	18.6		ug/L		93	61 - 142
Chloroform	20.0	17.6		ug/L		88	74 - 127
cis-1,2-Dichloroethene	20.0	18.7		ug/L		94	75 - 124
1,1-Dichloroethane	20.0	18.2		ug/L		91	74 - 126
1,1-Dichloroethene	20.0	20.2		ug/L		101	73 - 129
Methylene Chloride	20.0	18.6		ug/L		93	63 - 134
Tetrachloroethene	20.0	19.0		ug/L		95	70 - 125
trans-1,2-Dichloroethene	20.0	18.8		ug/L		94	74 - 130
1,1,1-Trichloroethane	20.0	18.1		ug/L		90	65 - 141
Trichloroethene	20.0	18.9		ug/L		95	71 - 121
Vinyl chloride	20.0	17.8		ug/L		89	61 - 134

Surrogate	LCS %Recovery	LCS Qualifier	Limits
4-Bromofluorobenzene (Surr)	105		47 - 134
Dibromofluoromethane (Surr)	90		78 - 129
1,2-Dichloroethane-d4 (Surr)	85		75 - 130
Toluene-d8 (Surr)	94		69 - 122

QC Association Summary

Client: AECOM
Project/Site: BP Sanborn

Job ID: 240-148317-1

GC/MS VOA

Analysis Batch: 483549

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-148317-1	B-21M	Total/NA	Water	8260C	
240-148317-2	B-28M	Total/NA	Water	8260C	
240-148317-3	B-39M	Total/NA	Water	8260C	
MB 240-483549/9	Method Blank	Total/NA	Water	8260C	
LCS 240-483549/6	Lab Control Sample	Total/NA	Water	8260C	

Analysis Batch: 483776

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-148317-4	B-40M	Total/NA	Water	8260C	
240-148317-5	B-41M	Total/NA	Water	8260C	
240-148317-6	B-22M	Total/NA	Water	8260C	
240-148317-7	B-10M	Total/NA	Water	8260C	
240-148317-8	B-11M	Total/NA	Water	8260C	
240-148317-9	B-16M	Total/NA	Water	8260C	
240-148317-10	B-09M	Total/NA	Water	8260C	
240-148317-11	B-03M	Total/NA	Water	8260C	
240-148317-12	B-17M	Total/NA	Water	8260C	
MB 240-483776/7	Method Blank	Total/NA	Water	8260C	
LCS 240-483776/4	Lab Control Sample	Total/NA	Water	8260C	
240-148317-12 MS	B-17M	Total/NA	Water	8260C	
240-148317-12 MSD	B-17M	Total/NA	Water	8260C	

Analysis Batch: 483980

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-148317-6	B-22M	Total/NA	Water	8260C	
240-148317-7	B-10M	Total/NA	Water	8260C	
MB 240-483980/7	Method Blank	Total/NA	Water	8260C	
LCS 240-483980/4	Lab Control Sample	Total/NA	Water	8260C	

Lab Chronicle

Client: AECOM
Project/Site: BP Sanborn

Job ID: 240-148317-1

Client Sample ID: B-21M

Date Collected: 04/26/21 08:25

Date Received: 04/28/21 14:40

Lab Sample ID: 240-148317-1

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	483549	04/30/21 19:29	HMB	TAL CAN

Client Sample ID: B-28M

Date Collected: 04/26/21 10:02

Date Received: 04/28/21 14:40

Lab Sample ID: 240-148317-2

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	483549	04/30/21 19:53	HMB	TAL CAN

Client Sample ID: B-39M

Date Collected: 04/26/21 12:10

Date Received: 04/28/21 14:40

Lab Sample ID: 240-148317-3

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	483549	04/30/21 20:18	HMB	TAL CAN

Client Sample ID: B-40M

Date Collected: 04/26/21 13:00

Date Received: 04/28/21 14:40

Lab Sample ID: 240-148317-4

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	483776	05/03/21 13:09	HMB	TAL CAN

Client Sample ID: B-41M

Date Collected: 04/26/21 17:52

Date Received: 04/28/21 14:40

Lab Sample ID: 240-148317-5

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	483776	05/03/21 13:33	HMB	TAL CAN

Client Sample ID: B-22M

Date Collected: 04/26/21 09:07

Date Received: 04/28/21 14:40

Lab Sample ID: 240-148317-6

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	483776	05/03/21 13:58	HMB	TAL CAN
Total/NA	Analysis	8260C		5	483980	05/04/21 12:57	HMB	TAL CAN

Client Sample ID: B-10M

Date Collected: 04/26/21 11:58

Date Received: 04/28/21 14:40

Lab Sample ID: 240-148317-7

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	483776	05/03/21 14:22	HMB	TAL CAN
Total/NA	Analysis	8260C		1	483980	05/04/21 13:22	HMB	TAL CAN

Eurofins TestAmerica, Canton

Lab Chronicle

Client: AECOM
Project/Site: BP Sanborn

Job ID: 240-148317-1

Client Sample ID: B-11M

Date Collected: 04/27/21 08:45

Date Received: 04/28/21 14:40

Lab Sample ID: 240-148317-8

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		10	483776	05/03/21 14:47	HMB	TAL CAN

Client Sample ID: B-16M

Date Collected: 04/27/21 08:18

Date Received: 04/28/21 14:40

Lab Sample ID: 240-148317-9

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	483776	05/03/21 15:11	HMB	TAL CAN

Client Sample ID: B-09M

Date Collected: 04/27/21 09:19

Date Received: 04/28/21 14:40

Lab Sample ID: 240-148317-10

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	483776	05/03/21 15:36	HMB	TAL CAN

Client Sample ID: B-03M

Date Collected: 04/27/21 10:45

Date Received: 04/28/21 14:40

Lab Sample ID: 240-148317-11

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		10	483776	05/03/21 16:00	HMB	TAL CAN

Client Sample ID: B-17M

Date Collected: 04/27/21 10:30

Date Received: 04/28/21 14:40

Lab Sample ID: 240-148317-12

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		200	483776	05/03/21 16:26	HMB	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: 240-148317-1

Laboratory: Eurofins TestAmerica, Canton

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

Authority	Program	Identification Number	Expiration Date
New York	NELAP	10975	03-31-22

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

4/9/5.0

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 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: 60481767.102.20.10	
Lab P/M: Opal Johnson		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		Email EDD To: James.Kaczor@aecom.com	
Other Info:		Stage: 60 Activity:		Invoice To: BP/ARC Contractor ☒	

Lab No.	Sample Description	Date	Time	No. Containers / Preservative						Requested Analyses						Report Type & QC Level		Comments	
				Water / Liquid	Air / Vapor	Total Number of Containers	Unpreserved	H ₂ SO ₄	HNO ₃	HCl	VOCs - 8260C	MSK-175	Methane/Ethane/Ethene	Total Organic Carbon	Sulfate	Ferric Iron	Ferrous Iron (field filtered)		Standard ☒
B-21M		4/26/21	0825	X		3							X					 240-148317 Chain of Custody	Note: If sample not collected, indicate "No Sample" in comments and single-strike out and initial any preprinted sample description.
B-28M		4/26/21	1002	X		3							X						
B-39M		4/26/21	1210	X		3							X						
B-40M		4/26/21	1300	X		3							X						
B-41M		4/26/21	1752	X		3							X						
B-22M		4/26/21	0507	X		3							X						
B-10M		4/27/21	1158	X		3							X						
B-11M		4/27/21	0845	X		3							X						
B-16M		4/27/21	0818	X		3							X						
B-09M		4/27/21	0919	X		3							X						

Sampler's Name: Tom Orban / Sean Connolly		Relinquished By / Affiliation: Tom Orban / AECOM		Date: 4/27/21		Time: 1744		Accepted By / Affiliation: [Signature]		Date: 4/27/21		Time: 1127	
Sampler's Company: AECOM		Shipment Method: Drop Off at TA Buffalo		Ship Date:		Shipment Tracking No:		Trip Blank: Yes ☒ No ☐		Cooler Temp on Receipt: 50 °F		MS/MSD Sample Submitted: Yes ☒ No ☐	

Special Instructions: Please Bill Sanborn Samples to AECOM PO# P097842 Line 11 (Task 102.20.10.H)

Laboratory Management Program LaMP Chain of Custody Record

Page 2 of 2

BP/ARC Project Name: BP Sanborn
BP/ARC Facility No:

Req Due Date (mm/dd/yy):
Lab Work Order Number:

Rush TAT: Yes No X

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:		60481767.102.20.10						
Lab PM: Opal Johnson		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						
Other Info:		Stage: 60		Activity:		Invoice To:		BP/ARC Contractor X						
BP/ARC EBM:		Matrix		No. Containers / Preservative		Requested Analyses		Report Type & QC Level						
EBM Phone:		Water / Liquid		Total Number of Containers		RSK-175		Standard X						
EBM Email:		Air / Vapor		Unpreserved		VOCs - 8260C		Full Data Package						
Lab No.	Sample Description	Date	Time	Soil / Solid	Water / Liquid	Unpreserved	H ₂ SO ₄	HNO ₃	HCl	Total Organic Carbon	Sulfate	Ferric Iron	Ferrous Iron (field filtered)	Comments
13-03M		4/23/21	1045	X		3			X					Note: If sample not collected, indicate "No Sample" in comments and single-strike out and initial any preprinted sample description.
13-17M		4/23/21	1030	X		3			X					
Trip Blank		4/23/21	-	X		2			X					
Sampler's Name: Ton Urban / Sean Cendelly		Relinquished By / Affiliation		Date		Time		Accepted By / Affiliation		Date		Time		
Sampler's Company: AECOM		Ton Urban / AECOM		4/27/21				James Kaczor		4/27		1127		
Shipment Method: Drop Off at TA Buffalo Ship Date:		PSI												
Shipment Tracking No:														
Special Instructions: Please Bill Sanborn Samples to AECOM PO# PO97842 Line 11 (Task 102.20.10.H)														
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 #: 148317

Canton Facility

Client BP Sanborn Site Name _____ Cooler unpacked by: IME

Cooler Received on 4-28-21 Opened on 4-29-21

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

Receipt After-hours: Drop-off Date/Time _____ **Storage Location** _____

TestAmerica Cooler # TA Foam Box (Foam) 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-11 (CF +0.1 °C) Observed Cooler Temp. 4.9 °C Corrected Cooler Temp. 5.0 °C
 IR GUN #IR-12 (CF +0.2 °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 (ID/Date/Time) be reconciled with the COC? Yes No
 9. For each sample, does the COC specify preservatives (Y/N), # of containers (Y/N), and sample type of grab/comp (Y/N)? Yes No
 10. Were correct bottle(s) used for the test(s) indicated? Yes No
 11. Sufficient quantity received to perform indicated analyses? Yes No
 12. Are these work share samples and all listed on the COC? Yes (No)

If yes, Questions 13-17 have been checked at the originating laboratory.

13. Were all preserved sample(s) at the correct pH upon receipt? Yes No (NA) pH Strip Lot# HC022887

14. Were VOAs on the COC? Yes No (No)

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

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

17. Was a LL Hg or Me Hg trip blank present? Yes No (No)

Contacted PM _____ Date _____ by _____ via Verbal Voice Mail Other _____

Concerning _____

18. CHAIN OF CUSTODY & SAMPLE DISCREPANCIES ☐ additional next page Samples processed by: _____

Trip Blank was not received. (IME) 4-29-21

19. SAMPLE CONDITION

Sample(s) _____ were received after the recommended holding time had expired.

Sample(s) _____ were received in a broken container.

Sample(s) _____ were received with bubble >6 mm in diameter. (Notify PM)

20. SAMPLE PRESERVATION

Sample(s) _____ were further preserved in the laboratory.

Time preserved: _____ Preservative(s) added/Lot number(s): _____

VOA Sample Preservation - Date/Time VOAs Frozen: _____

WT-NC-099

SITE LOGIC Report

QuantArray[®]-Chlor Study

Contact: Jim Kaczor

Phone: 716-856-5636

Address: AECOM
257 W. Genesee Street
Suite 400
Buffalo, NY 14203

Email: James.Kaczor@aecom.com

MI Identifier: 082SD

Report Date: 05/06/2021

Project: BP-IPO Sanborn, NJ, 60481767.102.20.10
Comments:

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The QuantArray®-Chlor Approach

Quantification of *Dehalococcoides*, the only known bacterial group capable of complete reductive dechlorination of PCE and TCE to ethene, has become an indispensable component of assessment, remedy selection, and performance monitoring at sites impacted by chlorinated solvents. While undeniably a key group of halo-respiring bacteria, *Dehalococcoides* are not the only bacteria of interest in the subsurface because reductive dechlorination is not the only potential biodegradation pathway operative at contaminated sites, and chlorinated ethenes are not always the primary contaminants of concern. The QuantArray®-Chlor not only includes a variety of halo-respiring bacteria (*Dehalococcoides*, *Dehalobacter*, *Dehalogenimonas*, etc.) to assess the potential for reductive dechlorination of chloroethenes, chloroethanes, chlorobenzenes, chlorophenols, and chloroform, but also provides quantification of functional genes involved in aerobic (co)metabolic pathways for biodegradation of chlorinated solvents and even competing biological processes. Thus, the QuantArray®-Chlor will give site managers the ability to simultaneously yet economically evaluate the potential for biodegradation of a spectrum of common chlorinated contaminants through a multitude of anaerobic and aerobic (co) metabolic pathways to give a much more clear and comprehensive view of contaminant biodegradation.

The QuantArray®-Chlor is used to quantify specific microorganisms and functional genes to evaluate the following:

Anaerobic Reductive Dechlorination	Quantification of important halo-respiring bacteria (e.g. <i>Dehalococcoides</i> , <i>Dehalobacter</i> , <i>Dehalogenimonas</i> , <i>Desulfotobacterium</i> spp.) and key functional genes (e.g. vinyl chloride reductases, TCE reductase, chloroform reductase) responsible for reductive dechlorination of a broad spectrum of chlorinated solvents.
Aerobic Cometabolism	Several different types of bacteria including methanotrophs and some toluene/phenol utilizing bacteria can co-oxidize TCE, DCE, and vinyl chloride. The QuantArray®-Chlor quantifies functional genes like soluble methane monooxygenase encoding enzymes capable of co-oxidation of chlorinated ethenes.
Aerobic (Co)metabolism of Vinyl Chloride	Ethene oxidizing bacteria are capable of cometabolism of vinyl chloride. In some cases, ethenotrophs can also utilize vinyl chloride as a growth supporting substrate. The QuantArray®-Chlor targets key functional genes in ethene metabolism.

How do QuantArrays® work?

The QuantArray®-Chlor in many respects is a hybrid technology combining the highly parallel detection of microarrays with the accurate and precise quantification provided by qPCR into a single platform. The key to highly parallel qPCR reactions is the nanoliter fluidics platform for low volume, solution phase qPCR reactions.

How are QuantArray® results reported?

One of the primary advantages of the QuantArray®-Chlor is the simultaneous quantification of a broad spectrum of different microorganisms and key functional genes involved in a variety of pathways for chlorinated hydrocarbon biodegradation. However, highly parallel quantification combined with the various metabolic and cometabolic capabilities of different target organisms can complicate data presentation. Therefore, in addition to Summary Tables, QuantArray® results will be presented as Microbial Population Summary and Comparison Figures to aid in data interpretation and subsequent evaluation of site management activities.

Types of Tables and Figures:

Microbial Population Summary

Figure presenting the concentrations of QuantArray®-Chlor target populations (e.g. *Dehalococcoides*) and functional genes (e.g. vinyl chloride reductase) relative to typically observed values.

Summary Tables

Tables of target population concentrations grouped by biodegradation pathway and contaminant type.

Comparison Figures

Depending on the project, sample results can be presented to compare changes over time or examine differences in microbial populations along a transect of the dissolved plume.

Results

Table 1: Summary of the QuantArray®-Chlor results obtained for sample P-04.

Sample Name Sample Date	P-04 04/21/2021
<i>Reductive Dechlorination</i>	<i>cells/mL</i>
<i>Dehalococcoides</i> (DHC)	8.66E+04
tceA Reductase (TCE)	4.54E+04
BAV1 Vinyl Chloride Reductase (BVC)	5.98E+02
Vinyl Chloride Reductase (VCR)	2.13E+04
<i>Dehalobacter</i> spp. (DHBt)	1.16E+05
<i>Dehalobacter</i> DCM (DCM)	7.52E+03
<i>Dehalogenimonas</i> spp. (DHG)	5.61E+04
cerA Reductase (CER)	7.70E+00 (J)
trans-1,2-DCE Reductase (TDR)	<9.80E+00
<i>Desulfitobacterium</i> spp. (DSB)	9.89E+04
<i>Dehalobium chlorocoercia</i> (DECO)	5.63E+04
<i>Desulfuromonas</i> spp. (DSM)	1.38E+03
PCE Reductase (PCE-1)	7.64E+02
PCE Reductase (PCE-2)	1.10E+04
Chloroform Reductase (CFR)	1.29E+02
1,1 DCA Reductase (DCA)	<9.80E+00
1,2 DCA Reductase (DCAR)	<9.80E+00
<i>Aerobic (Co)Metabolic</i>	
Soluble Methane Monooxygenase (SMMO)	<9.80E+00
Toluene Dioxygenase (TOD)	<9.80E+00
Phenol Hydroxylase (PHE)	5.10E+04
Trichlorobenzene Dioxygenase (TCBO)	<9.80E+00
Toluene Monooxygenase 2 (RDEG)	3.67E+04
Toluene Monooxygenase (RMO)	6.61E+04
Ethene Monooxygenase (EtnC)	6.80E+03
Epoxyalkane Transferase (EtnE)	2.16E+04
Dichloromethane Dehalogenase (DCMA)	<9.80E+00
<i>Other</i>	
Total Eubacteria (EBAC)	3.15E+07
Sulfate Reducing Bacteria (APS)	1.67E+06
Methanogens (MGN)	<9.80E+00

Legend:

NA = Not Analyzed
I = Inhibited

NS = Not Sampled
< = Result Not Detected

J = Estimated Gene Copies Below PQL but Above LQL

Microbial Populations P-04

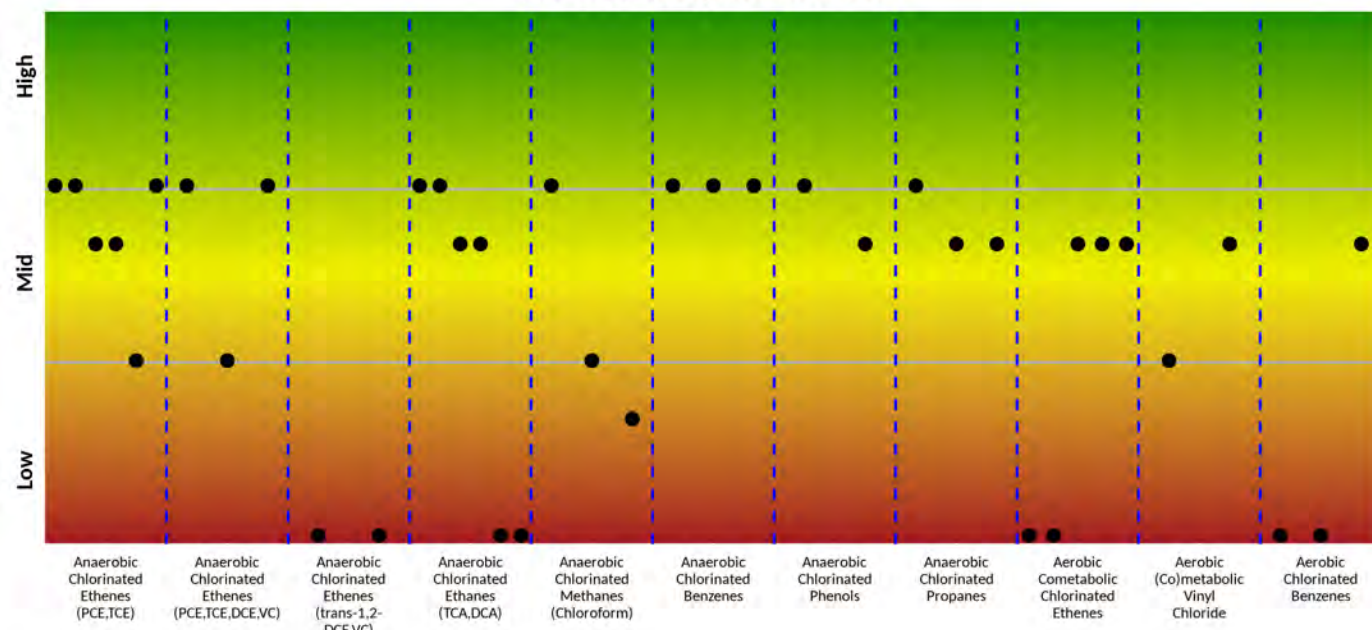


Figure 1: Microbial population summary to aid in evaluating potential pathways and biodegradation of specific contaminants.

Anaerobic - Reductive Dechlorination or Dichloroelimination		Aerobic - (Co)metabolism	
Chlorinated Ethenes (PCE, TCE)	DHC, DHBt, DSB, DSM, PCE-1, PCE-2	Chlorinated Ethenes (TCE,DCE,VC)	sMMO, TOD, PHE, RDEG, RMO
Chlorinated Ethenes (PCE, TCE, DCE, VC)	DHC, BVC, VCR	(Co)metabolic Vinyl Chloride	etnC, etnE
Chlorinated Ethenes (trans-1,2-DCE, VC)	TDR, CER	Chlorinated Benzenes	TOD, TCBO, PHE
Chlorinated Ethenes (TCA and 1,2-DCA)	DHC, DHBt, DHG, DSB ¹ , DCA, DCAR		
Chlorinated Methanes (Chloroform)	DHBt, DCM, CFR		
Chlorinated Benzenes	DHC, DHBt ² , DECO		
Chlorinated Phenols	DHC, DSB		
Chlorinated Propanes	DHC, DHG, DSB ¹		

¹ *Desulfitobacterium dichloroelimans* DCA1. ² Implicated in reductive dechlorination of dichlorobenzene and potentially chlorobenzene.

Table 2: Summary of the QuantArray®-Chlor results for microorganisms responsible for reductive dechlorination for samples P-04.

Sample Name	P-04
Sample Date	04/21/2021
<i>Reductive Dechlorination</i>	cells/mL
<i>Dehalococcoides</i> (DHC)	8.66E+04
tceA Reductase (TCE)	4.54E+04
BAV1 Vinyl Chloride Reductase (BVC)	5.98E+02
Vinyl Chloride Reductase (VCR)	2.13E+04
<i>Dehalobacter</i> spp. (DHBt)	1.16E+05
<i>Dehalobacter</i> DCM (DCM)	7.52E+03
<i>Dehalogenimonas</i> spp. (DHG)	5.61E+04
<i>Desulfitobacterium</i> spp. (DSB)	9.89E+04
<i>Dehalobium chlorocoercia</i> (DECO)	5.63E+04
<i>Desulfuromonas</i> spp. (DSM)	1.38E+03

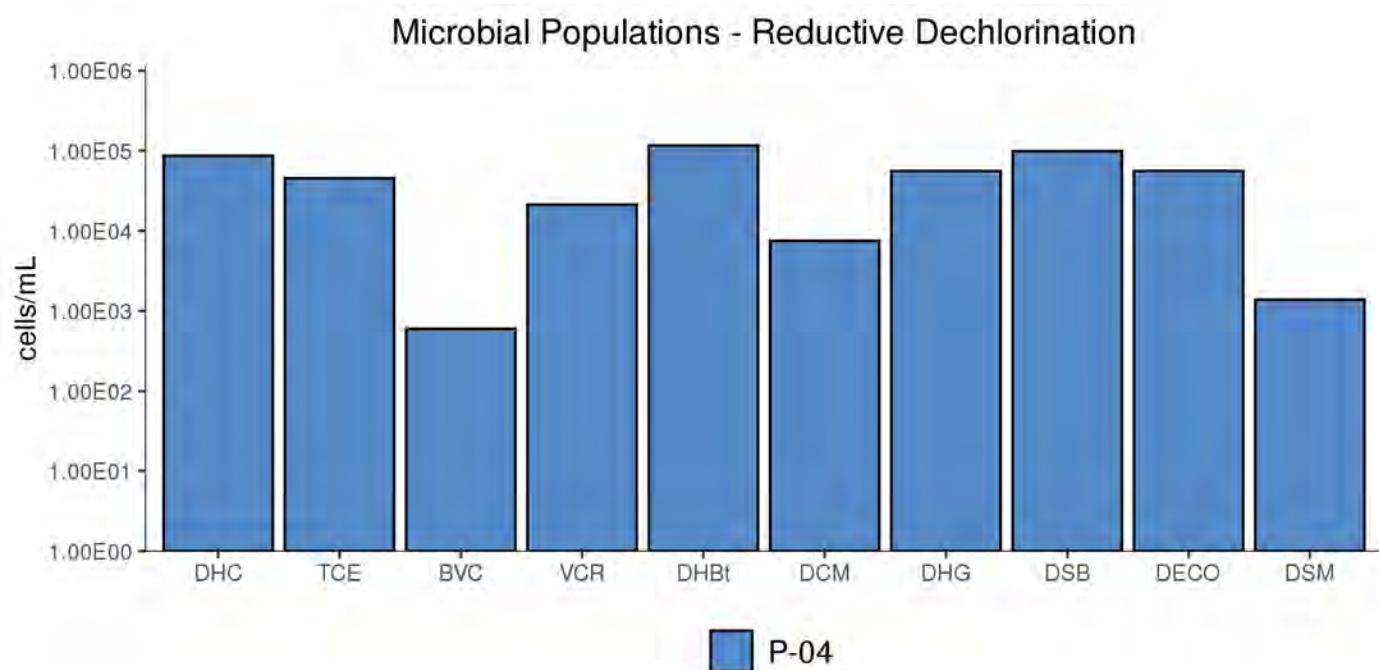


Figure 2: Comparison - microbial populations involved in reductive dechlorination.

Table 3: Summary of the QuantArray®-Chlor results for microorganisms responsible for reductive dechlorination for samples P-04.

Sample Name	P-04
Sample Date	04/21/2021
Reductive Dechlorination	cells/mL
Chloroform Reductase (CFR)	1.29E+02
1,1 DCA Reductase (DCA)	<9.80E+00
1,2 DCA Reductase (DCAR)	<9.80E+00
PCE Reductase (PCE-1)	7.64E+02
PCE Reductase (PCE-2)	1.10E+04
<i>Dehalogenimonas trans</i> -1,2-DCE Reductase (TDR)	<9.80E+00
<i>Dehalogenimonas cerA</i> Reductase (CER)	7.70E+00 (J)

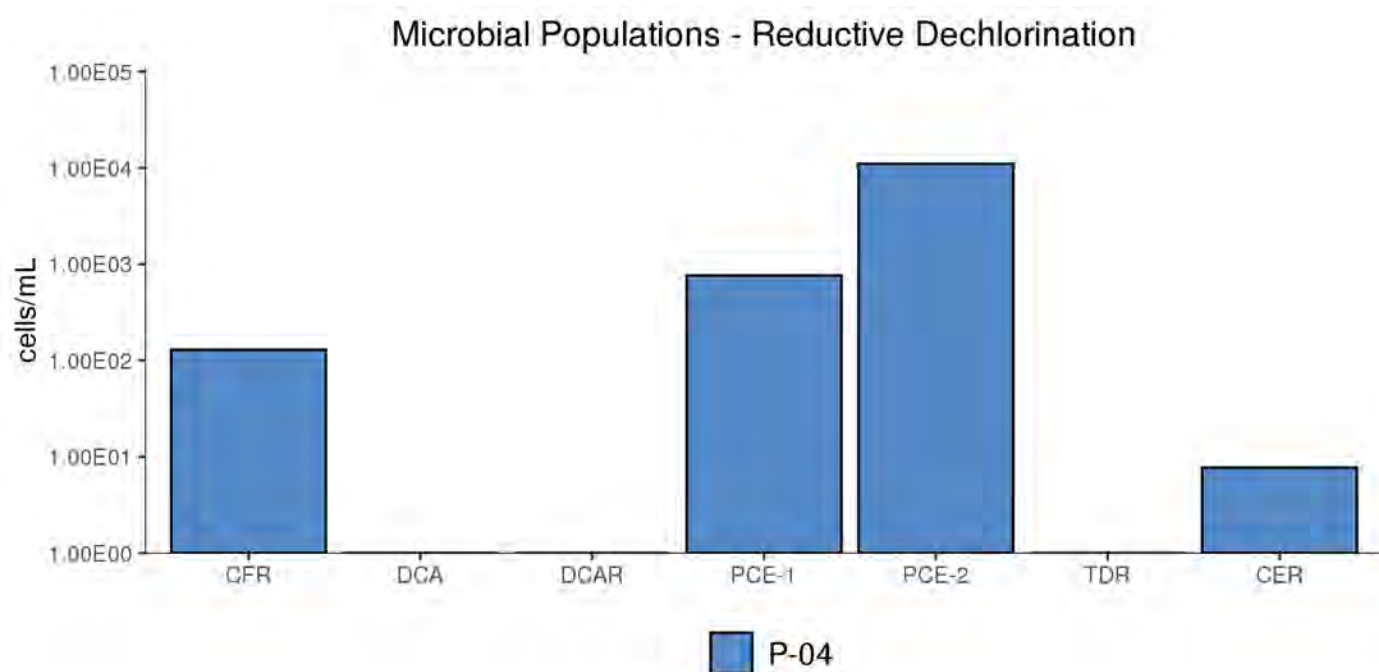


Figure 3: Comparison - microbial populations involved in reductive dechlorination.

Table 4: Summary of the QuantArray®-Chlor results for microorganisms responsible for aerobic (co)metabolism for samples P-04.

Sample Name	P-04
Sample Date	04/21/2021
<i>Aerobic (Co)Metabolic</i>	cells/mL
Soluble Methane Monooxygenase (SMMO)	<9.80E+00
Toluene Dioxygenase (TOD)	<9.80E+00
Phenol Hydroxylase (PHE)	5.10E+04
Trichlorobenzene Dioxygenase (TCBO)	<9.80E+00
Toluene Monooxygenase 2 (RDEG)	3.67E+04
Toluene Monooxygenase (RMO)	6.61E+04
Ethene Monooxygenase (EtnC)	6.80E+03
Epoxyalkane Transferase (EtnE)	2.16E+04
Dichloromethane Dehalogenase (DCMA)	<9.80E+00

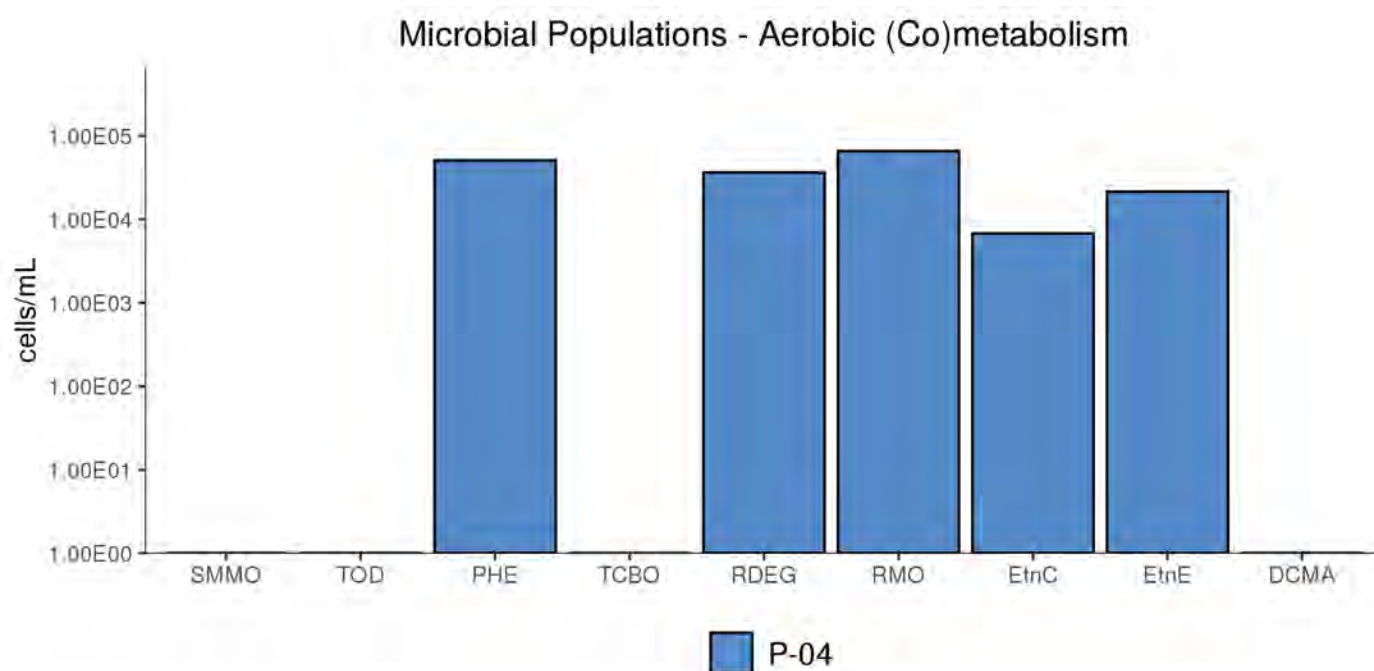


Figure 4: Comparison - microbial populations involved in aerobic (co)metabolism.

Table 5: Summary of the QuantArray®-Chlor results for total bacteria and other populations for samples P-04.

Sample Name	P-04
Sample Date	04/21/2021
Other	cells/mL
Total Eubacteria (EBAC)	3.15E+07
Sulfate Reducing Bacteria (APS)	1.67E+06
Methanogens (MGN)	<9.80E+00

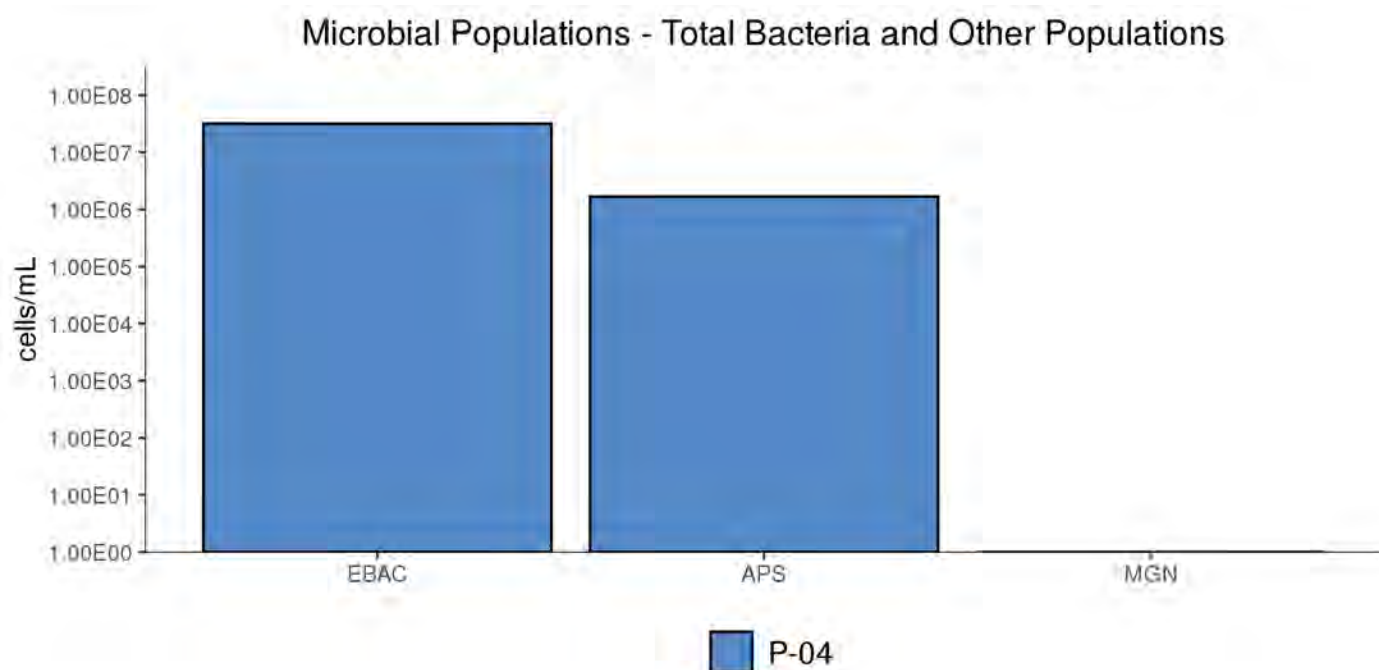


Figure 5: Comparison - microbial populations.

Interpretation

The overall purpose of the QuantArray®-Chlor is to give site managers the ability to simultaneously yet economically evaluate the potential for biodegradation of a spectrum of common chlorinated contaminants through a multitude of anaerobic and aerobic (co)metabolic pathways in order to provide a clearer and more comprehensive view of contaminant biodegradation. The following discussion describes the interpretation of results in general terms and is meant to serve as a guide.

Reductive Dechlorination - Chlorinated Ethenes: While a number of bacterial cultures including *Dehalococcoides*, *Dehalobacter*, *Desulfotobacterium*, and *Desulfuromonas* spp. capable of utilizing PCE and TCE as growth-supporting electron acceptors have been isolated [1–5], *Dehalococcoides* may be the most important because they are the only bacterial group that has been isolated to date which is capable of complete reductive dechlorination of PCE to ethene [6]. In fact, the presence of *Dehalococcoides* has been associated with complete reductive dechlorination to ethene at sites across North America and Europe [7], and Lu et al. [8] have proposed using a *Dehalococcoides* concentration of 1×10^4 cells/mL as a screening criterion to identify sites where biological reductive dechlorination is predicted to proceed at “generally useful” rates.

At chlorinated ethene sites, any “stall” leading to the accumulation of daughter products, especially vinyl chloride, would be a substantial concern. While *Dehalococcoides* concentrations greater than 1×10^4 cells/mL correspond to ethene production and useful rates of dechlorination, the range of chlorinated ethenes degraded varies by strain within the *Dehalococcoides* genus [6, 9], and the presence of co-contaminants and competitors can have complex impacts on the halo-respiring microbial community [10–15]. Therefore, QuantArray®-Chlor also provides quantification of a suite of reductive dehalogenase genes (PCE, TCE, BVC, VCR, CER, and TDR) to more definitively confirm the potential for reductive dechlorination of all chlorinated ethene compounds including vinyl chloride.

Perhaps most importantly, QuantArray®-Chlor quantifies TCE reductase (TCE) and both known vinyl chloride reductase genes (BVC, VCR) from *Dehalococcoides* to conclusively evaluate the potential for complete reductive dechlorination of chlorinated ethenes to non-toxic ethene [16–18]. In addition, the analysis also includes quantification of reductive dehalogenase genes from *Dehalogenimonas* spp. capable of reductive dechlorination of chlorinated ethenes. More specifically, these are the trans-1,2-DCE dehalogenase gene (TDR) from strain WBC-2 [19] and the vinyl chloride reductase gene (CER) from GP, the only known organisms other than *Dehalococcoides* capable of vinyl chloride reduction [20]. Finally, PCE reductase genes responsible for sequential reductive dechlorination of PCE to cis-DCE by *Sulfurospirillum* and *Geobacter* spp. are also quantified. In mixed cultures, evidence increasingly suggests that partial dechlorinators like *Sulfurospirillum* and *Geobacter* may be responsible for the majority of reductive dechlorination of PCE to TCE and cis-DCE while *Dehalococcoides* functions more as cis-DCE and vinyl chloride reducing specialists [10, 21].

Reductive Dechlorination - Chlorinated Ethanes: Under anaerobic conditions, chlorinated ethanes are susceptible to reductive dechlorination by several groups of halo-respiring bacteria including *Dehalobacter*, *Dehalogenimonas*, and *Dehalococcoides*. While the reported range of chlorinated ethanes utilized varies by genus, species, and sometimes at the strain level, several general observations can be made regarding biodegradation pathways and daughter product formation. *Dehalobacter* spp. have been isolated that are capable of sequential reductive dechlorination of 1,1,1-TCA through 1,1-DCA to chloroethane [13]. Biodegradation of 1,1,2-TCA by several halo-respiring bacteria including *Dehalobacter* and *Dehalogenimonas* spp. proceeds via dichloroelimination producing vinyl chloride [22–24]. Similarly, 1,2-DCA biodegradation by *Dehalobacter*, *Dehalogenimonas*, and *Dehalococcoides* occurs via dichloroelimination producing ethene. While not utilized by many *Desulfotobacterium* isolates, at least one strain, *Desulfotobacterium dichloroeliminans* strain DCA1, is also capable of dichloroelimination of 1,2-DCA [25]. The 1,2-dichloroethane reductive dehalogenase gene (DCAR) from members of *Desulfotobacterium* and *Dehalobacter* is known to dechlorinate 1,2-DCA to ethene, while the 1,1-dichloroethane reductive dehalogenase (DCA) targets the gene responsible for 1,1-DCA dechlorination in some strains of *Dehalobacter*. In addition to chloroform, chloroform reductase (CFR) has also been shown to be responsible for reductive dechlorination of 1,1,1-TCA [26].

Reductive Dechlorination - Chlorinated Methanes: Chloroform is a common co-contaminant at chlorinated solvent sites and can inhibit reductive dechlorination of chlorinated ethenes. Grostern et al. demonstrated that a *Dehalobacter* population was capable of reductive dechlorination of chloroform to produce dichloromethane [27]. The *cfrA* gene encodes the reductase which catalyzes this initial step in chloroform biodegradation [26]. Justicia-Leon et al. have since shown that dichloromethane can support growth of a distinct group of *Dehalobacter* strains via fermentation [28]. The *Dehalobacter* DCM assay targets the 16S rRNA gene of these strains.

Reductive Dechlorination - Chlorinated Benzenes: Chlorinated benzenes are an important class of industrial solvents and chemical intermediates in the production of drugs, dyes, herbicides, and insecticides. The physical-chemical properties of chlorinated benzenes as well as susceptibility to biodegradation are functions of their degree of chlorination and the positions of chlorine substituents. Under anaerobic conditions, reductive dechlorination of higher chlorinated benzenes including hexachlorobenzene (HCB),

pentachlorobenzene (PeCB), tetrachlorobenzene (TeCB) isomers, and trichlorobenzene (TCB) isomers has been well documented [29], although biodegradation of individual compounds and isomers varies between isolates. For example, *Dehalococcoides* strain CBDB1 reductively dechlorinates HCB, PeCB, all three TeCB isomers, 1,2,3-TCB, and 1,2,4-TCB [9, 30]. *Dehalobium chlorocoercia* DF-1 has been shown to be capable of reductive dechlorination of HCB, PeCB, and 1,2,3,5-TeCB [31]. The dichlorobenzene (DCB) isomers and chlorobenzene (CB) were considered relatively recalcitrant under anaerobic conditions. However, new evidence has demonstrated reductive dechlorination of DCBs to CB and CB to benzene [32] with corresponding increases in concentrations of *Dehalobacter* spp. [33].

Reductive Dechlorination - Chlorinated Phenols: Pentachlorophenol (PCP) was one of the most widely used biocides in the U.S. and despite residential use restrictions, is still extensively used industrially as a wood preservative. Along with PCP, the tetrachlorophenol and trichlorophenol isomers were also used as fungicides in wood preserving formulations. 2,4-Dichlorophenol and 2,4,5-TCP were used as chemical intermediates in herbicide production (e.g. 2,4-D) and chlorophenols are known byproducts of chlorine bleaching in the pulp and paper industry. While the range of compounds utilized varies by strain, some *Dehalococcoides* isolates are capable of reductive dechlorination of PCP and other chlorinated phenols. For example, *Dehalococcoides* strain CBDB1 is capable of utilizing PCP, all three tetrachlorophenol (TeCP) congeners, all six trichlorophenol (TCP) congeners, and 2,3-dichlorophenol (2,3-DCP). PCP dechlorination by strain CBDB1 produces a mixture of 3,5-DCP, 3,4-DCP, 2,4-DCP, 3-CP, and 4-CP [34]. In the same study, however, *Dehalococcoides* strain 195 dechlorinated a more narrow spectrum of chlorophenols which included 2,3-DCP, 2,3,4-TCP, and 2,3,6-TCP, but no other TCPs or PCP. Similar to *Dehalococcoides*, some species and strains of *Desulfitobacterium* are capable of utilizing PCP and other chlorinated phenols. *Desulfitobacterium hafniense* PCP-1 is capable of reductive dechlorination of PCP to 3-CP [35]. However, the ability to biodegrade PCP is not universal among *Desulfitobacterium* isolates. *Desulfitobacterium* sp. strain PCE1 and *D. chlororespirans* strain Co23, for example, can utilize some TCP and DCP isomers, but not PCP for growth [2, 36].

Reductive Dechlorination - Chlorinated Propanes: *Dehalogenimonas* is a recently described bacterial genus of the phylum Chloroflexi which also includes the well-known chloroethene-respiring *Dehalococcoides* [23]. The *Dehalogenimonas* isolates characterized to date are also halo-respiring bacteria, but utilize a rather unique range of chlorinated compounds as electron acceptors including chlorinated propanes (1,2,3-TCP and 1,2-DCP) and a variety of other vicinally chlorinated alkanes including 1,1,2,2-tetrachloroethane, 1,1,2-trichloroethane, and 1,2-dichloroethane [23].

Aerobic - Chlorinated Ethene Cometabolism: Under aerobic conditions, several different types of bacteria including methane-oxidizing bacteria (methanotrophs), and many benzene, toluene, ethylbenzene, xylene, and (BTEX)-utilizing bacteria can cometabolize or co-oxidize TCE, DCE, and vinyl chloride [37]. In general, cometabolism of chlorinated ethenes is mediated by monooxygenase enzymes with “relaxed” specificity that oxidize a primary (growth supporting) substrate (e.g. methane) and co-oxidize the chlorinated compound (e.g. TCE). QuantArray[®]-Chlor provides quantification of a suite of genes encoding oxygenase enzymes capable of co-oxidation of chlorinated ethenes including soluble methane monooxygenase (sMMO). Soluble methane monooxygenases co-oxidize a broad range of chlorinated compounds [38–41] including TCE, *cis*-DCE, and vinyl chloride. Furthermore, soluble methane monooxygenases are generally believed to support greater rates of aerobic cometabolism [40]. QuantArray[®]-Chlor also quantifies aromatic oxygenase genes encoding ring hydroxylating toluene monooxygenase genes (RMO, RDEG), toluene dioxygenase (TOD) and phenol hydroxylases (PHE) capable of TCE co-oxidation [42–46]. TCE or a degradation product has been shown to induce expression of toluene monooxygenases in some laboratory studies [43, 47] raising the possibility of TCE cometabolism with an alternative (non-aromatic) growth substrate. Moreover, while a number of additional factors must be considered, recent research under ESTCP Project 201584 has shown positive correlations between concentrations of monooxygenase genes (soluble methane monooxygenase, ring hydroxylating monooxygenases, and phenol hydroxylase) and the rate of TCE degradation [48].

Aerobic - Chlorinated Ethane Cometabolism: While less widely studied than cometabolism of chlorinated ethenes, some chlorinated ethanes are also susceptible to co-oxidation. As mentioned previously, soluble methane monooxygenases (sMMO) exhibit very relaxed specificity. In laboratory studies, sMMO has been shown to co-oxidize a number of chlorinated ethanes including 1,1,1-TCA and 1,2-DCA [38, 40].

Aerobic - Vinyl Chloride Cometabolism: Beginning in the early 1990s, numerous microcosm studies demonstrated aerobic oxidation of vinyl chloride under MNA conditions without the addition of exogenous primary substrates. Since then, strains of

Mycobacterium, *Nocardioides*, *Pseudomonas*, *Ochrobactrum*, and *Ralstonia* species have been isolated which are capable of aerobic growth on both ethene and vinyl chloride (see Mattes et al. [49] for a review). The initial steps in the pathway are the monooxygenase (*etnABCD*) catalyzed conversion of ethene and vinyl chloride to their respective epoxyalkanes (epoxyethane and chlorooxirane), followed by epoxyalkane:CoM transferase (*etnE*) mediated conjugation and breaking of the epoxide [50].

Aerobic - Chlorinated Benzenes: In general, chlorobenzenes with four or less chlorine groups are susceptible to aerobic biodegradation and can serve as growth-supporting substrates. Toluene dioxygenase (TOD) has a relatively relaxed substrate specificity and mediates the incorporation of both atoms of oxygen into the aromatic ring of benzene and substituted benzenes (toluene and chlorobenzene). Comparison of TOD levels in background and source zone samples from a CB-impacted site suggested that CBs promoted growth of TOD-containing bacteria [51]. In addition, aerobic biodegradation of some trichlorobenzene and even tetrachlorobenzene isomers is initiated by a group of related trichlorobenzene dioxygenase genes (TCBO). Finally, phenol hydroxylases catalyze the continued oxidation and in some cases, the initial oxidation of a variety of monoaromatic compounds. In an independent study, significant increases in numbers of bacteria containing PHE genes corresponded to increases in biodegradation of DCB isomers [51].

Aerobic - Chlorinated Methanes: Many aerobic methylotrophic bacteria, belonging to diverse genera (*Hyphomicrobium*, *Methylobacterium*, *Methylophilus*, *Pseudomonas*, *Paracoccus*, and *Alibacter*) have been isolated which are capable of utilizing dichloromethane (DCM) as a growth substrate. The DCM metabolic pathway in methylotrophic bacteria is initiated by a dichloromethane dehalogenase (DCMA) gene. DCMA is responsible for aerobic biodegradation of dichloromethane by methylotrophs by first producing formaldehyde which is then further oxidized [52]. As discussed in previous sections, soluble methane monooxygenase (sMMO) exhibits relaxed specificity and co-oxidizes a broad spectrum of chlorinated hydrocarbons. In addition to chlorinated ethenes, sMMO has been shown to co-oxidize chloroform in laboratory studies [38, 41].

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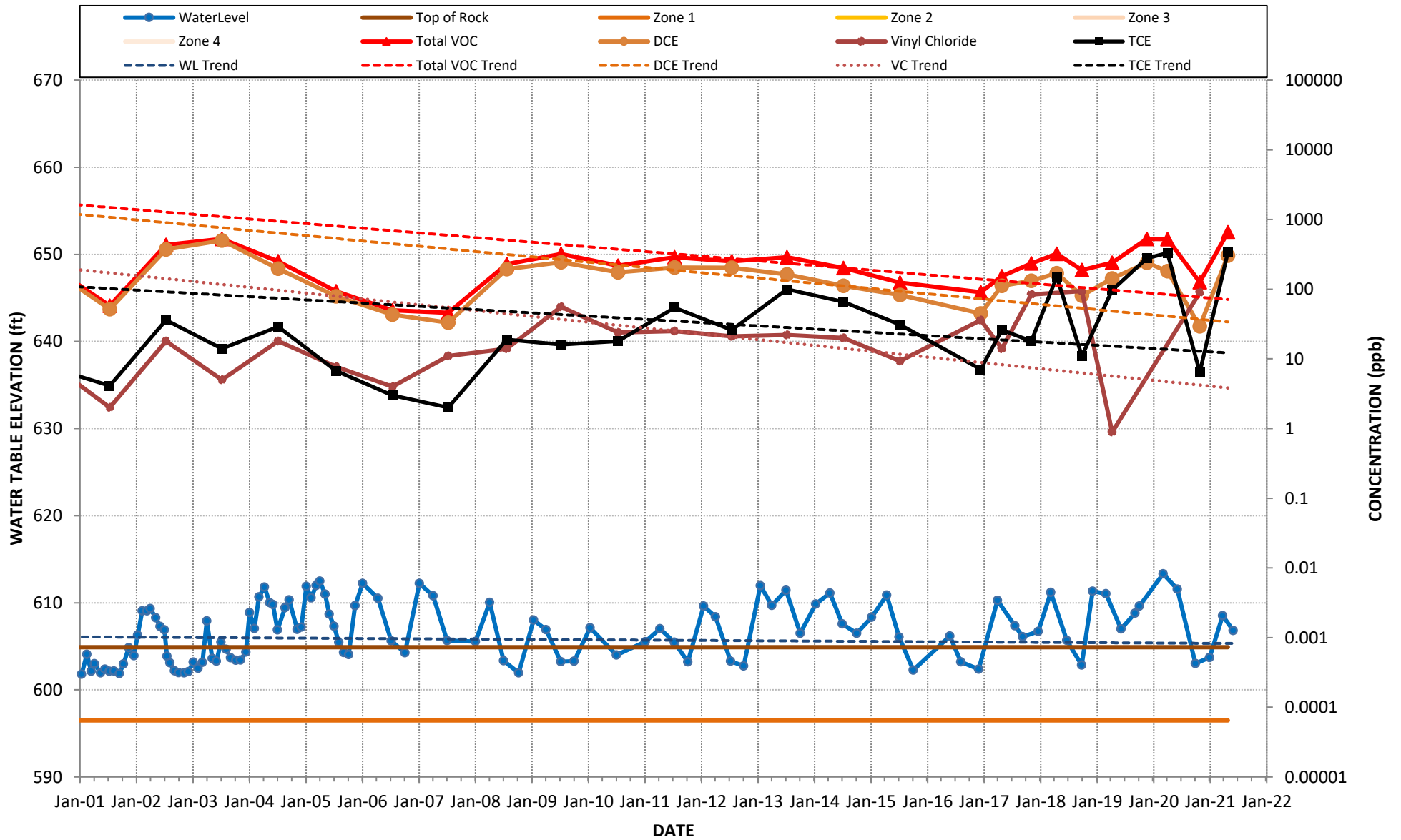
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Appendix C

Water Quality Time Series Plots January 2001 through April 2021

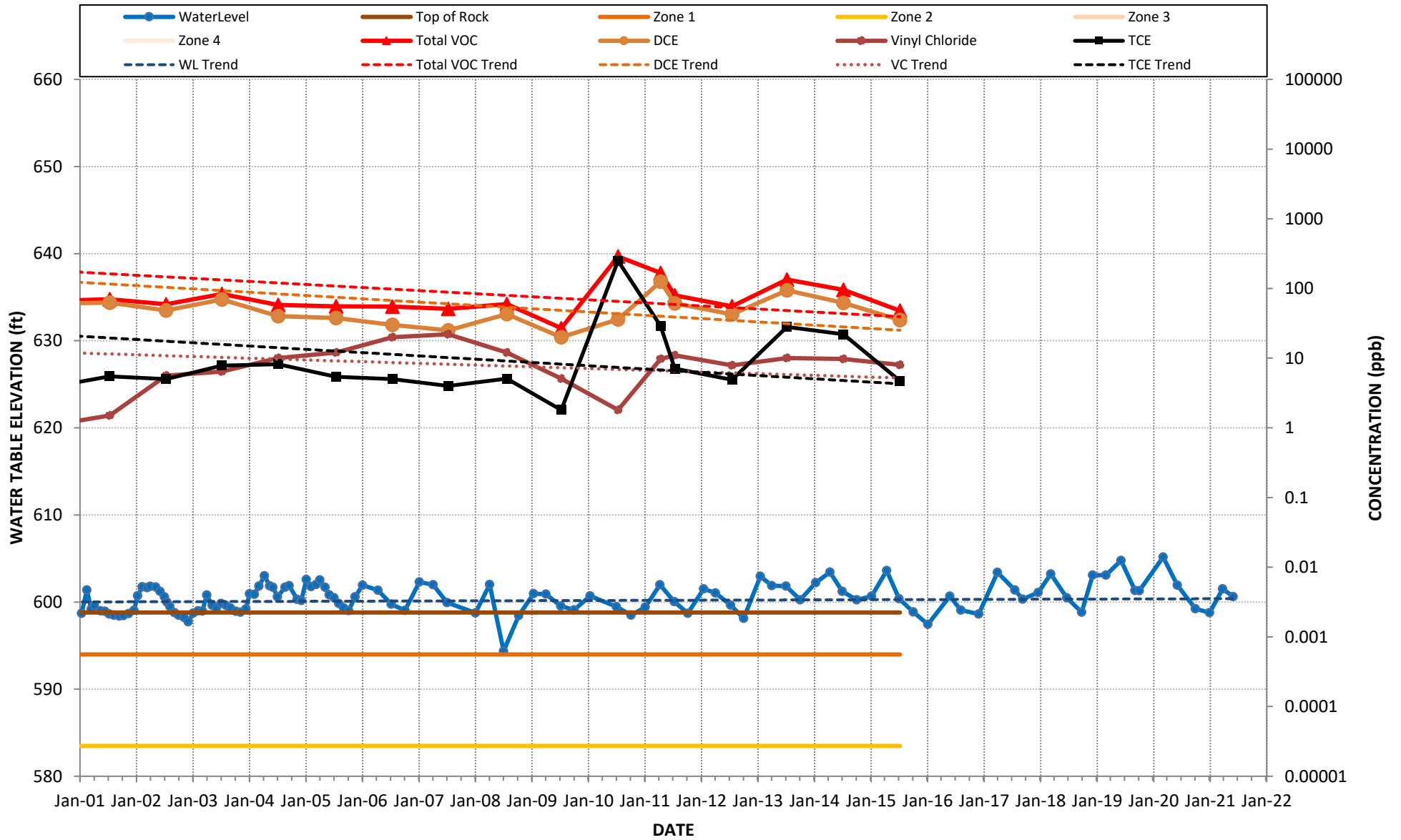
WATER LEVELS & CHLORINATED SOLVENT CONCENTRATIONS

B- 3M



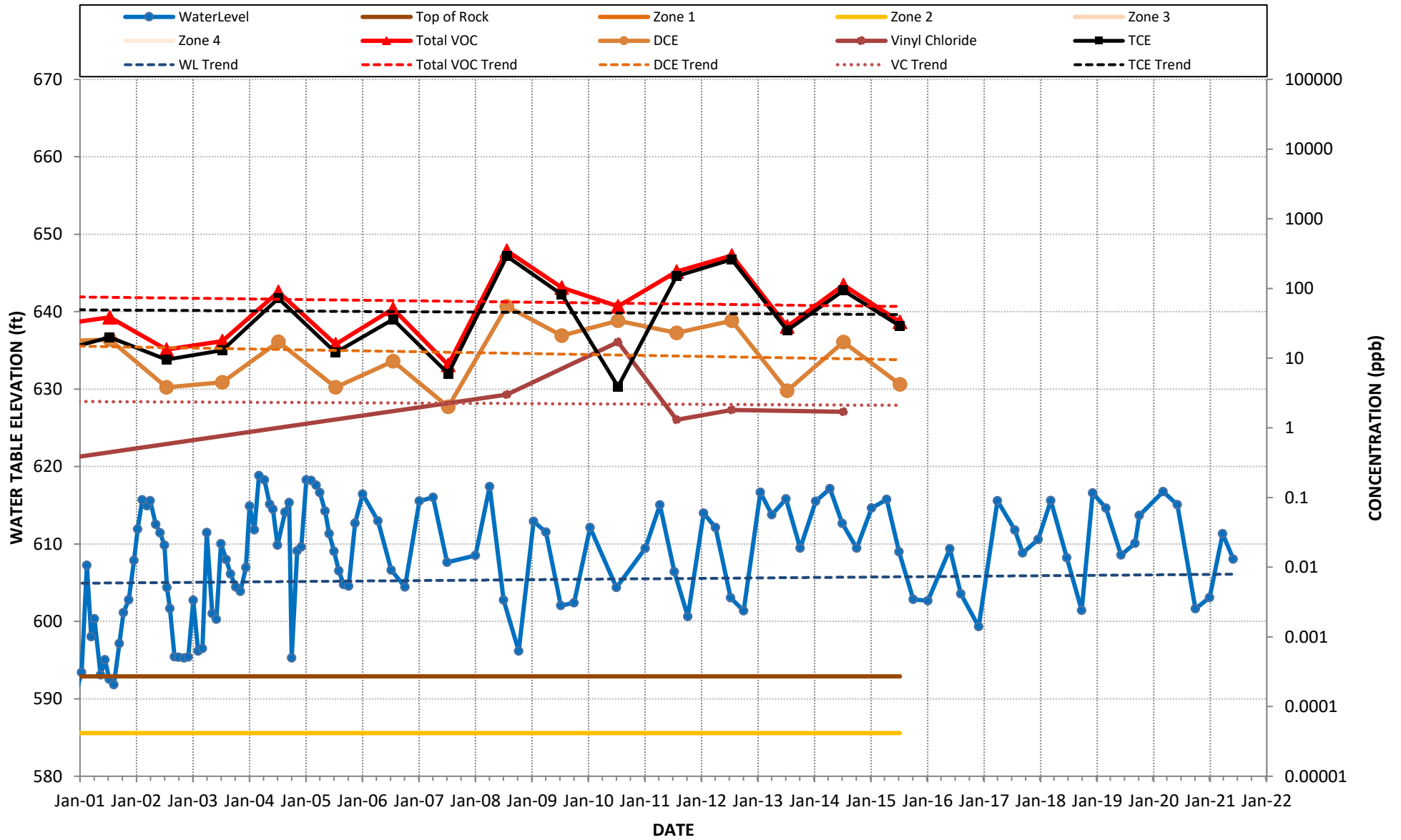
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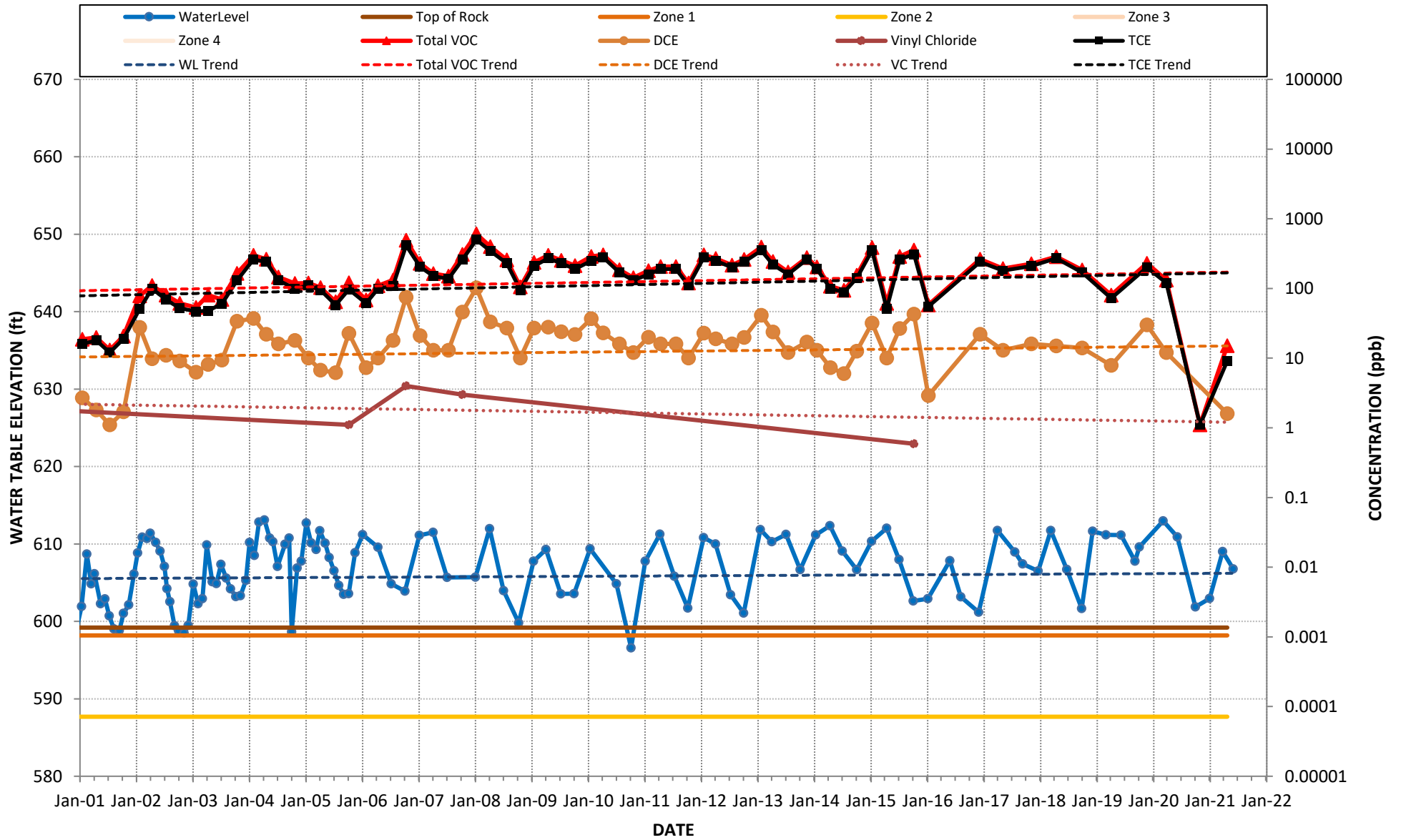
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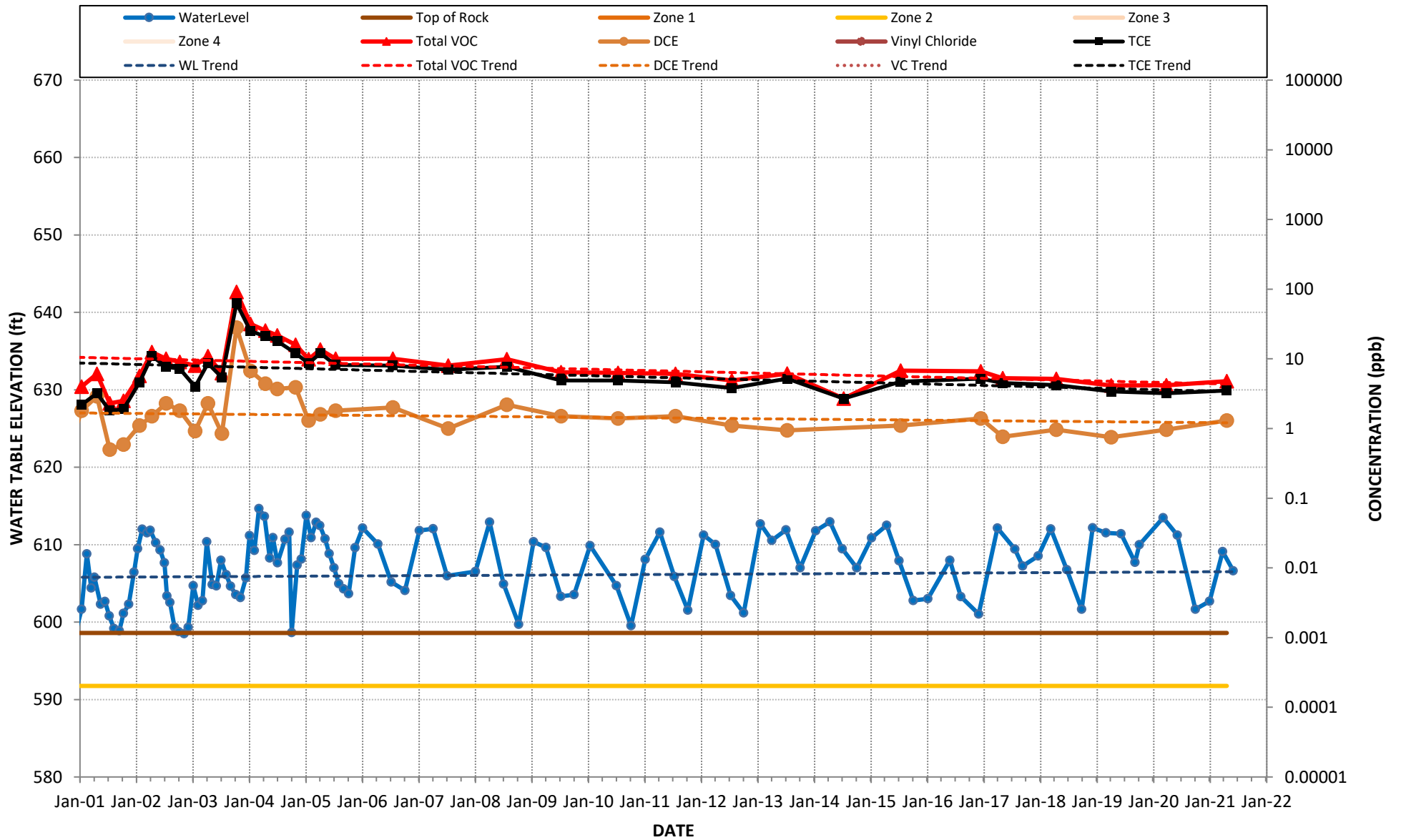
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B- 6M



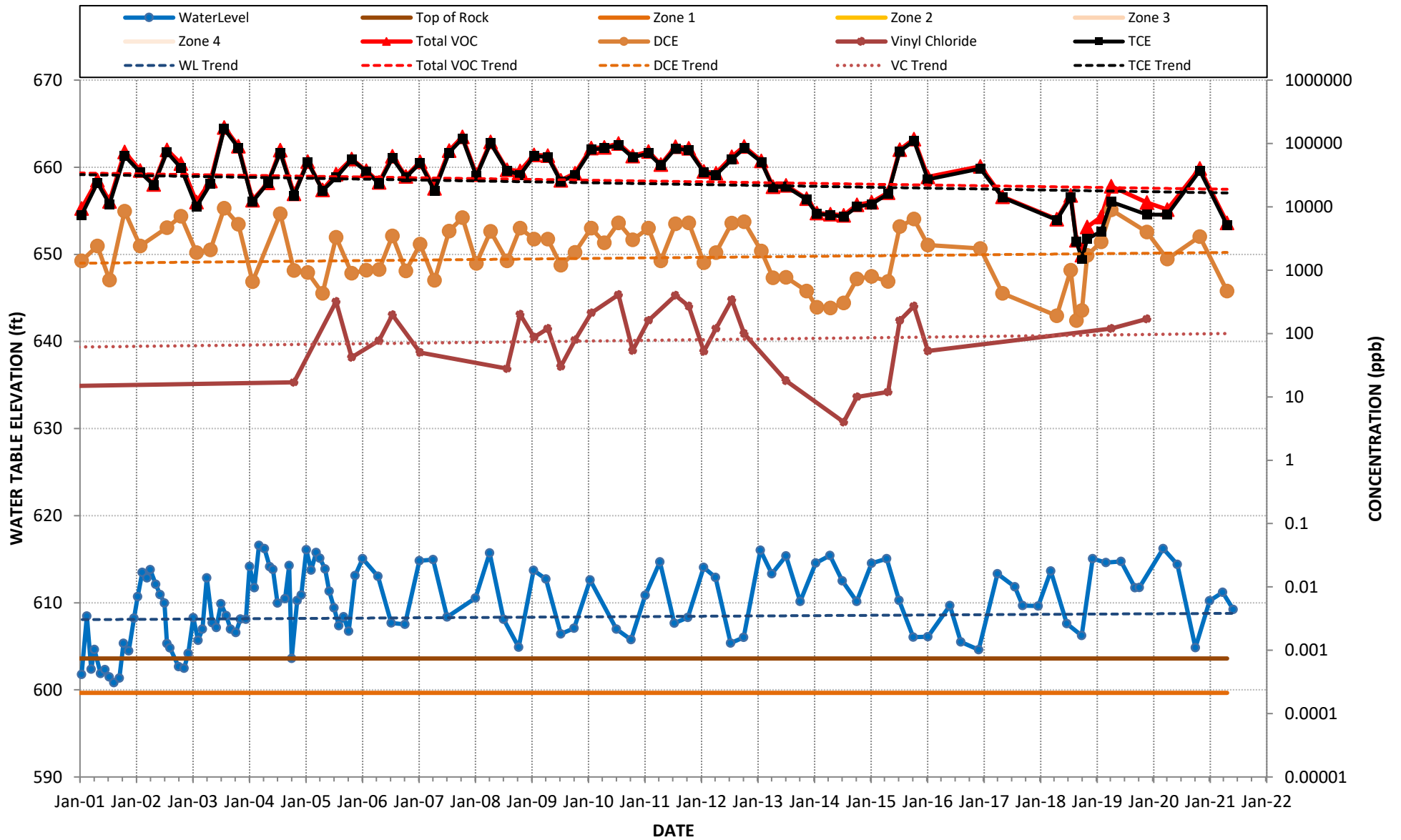
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B- 7M



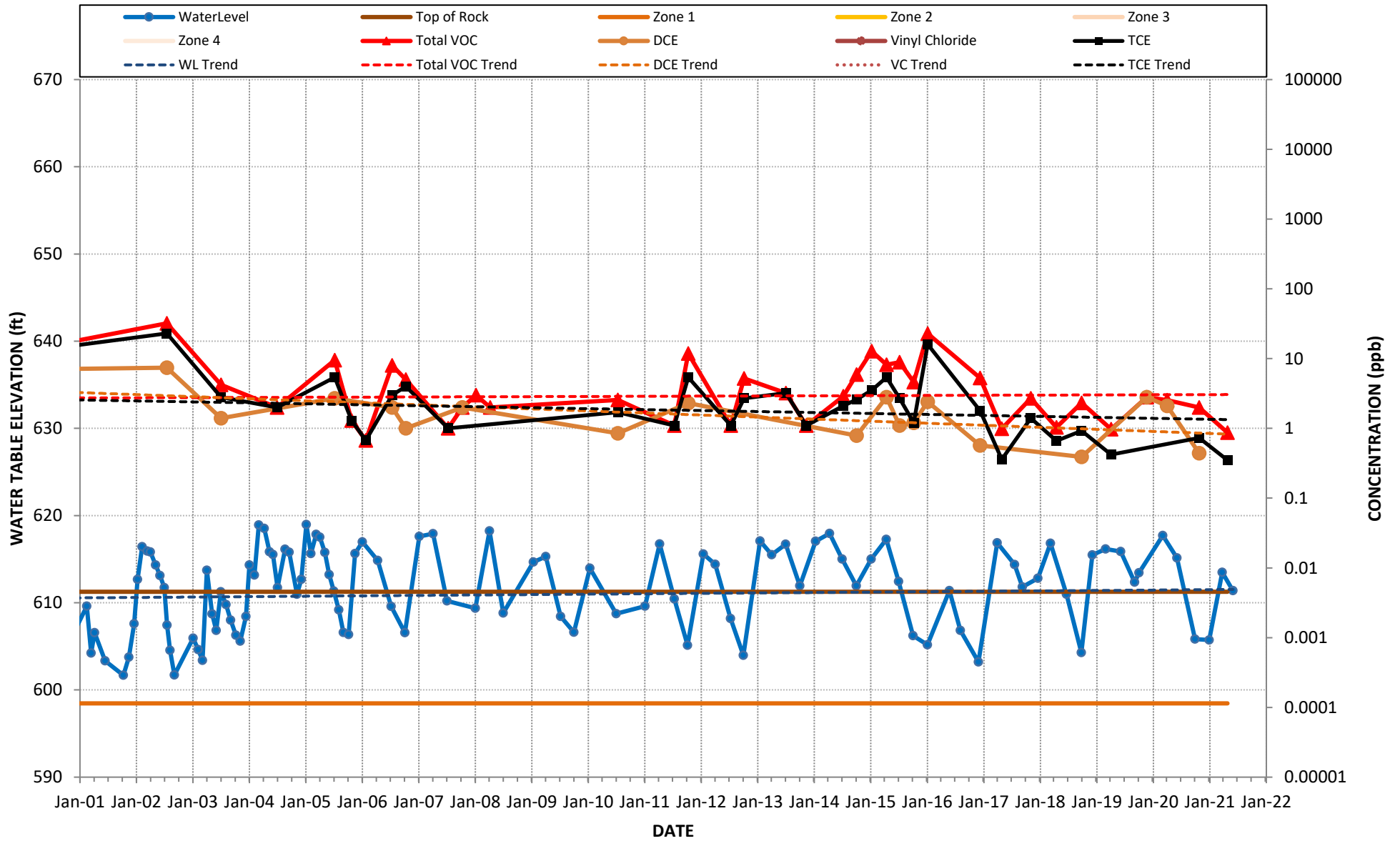
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B- 8M

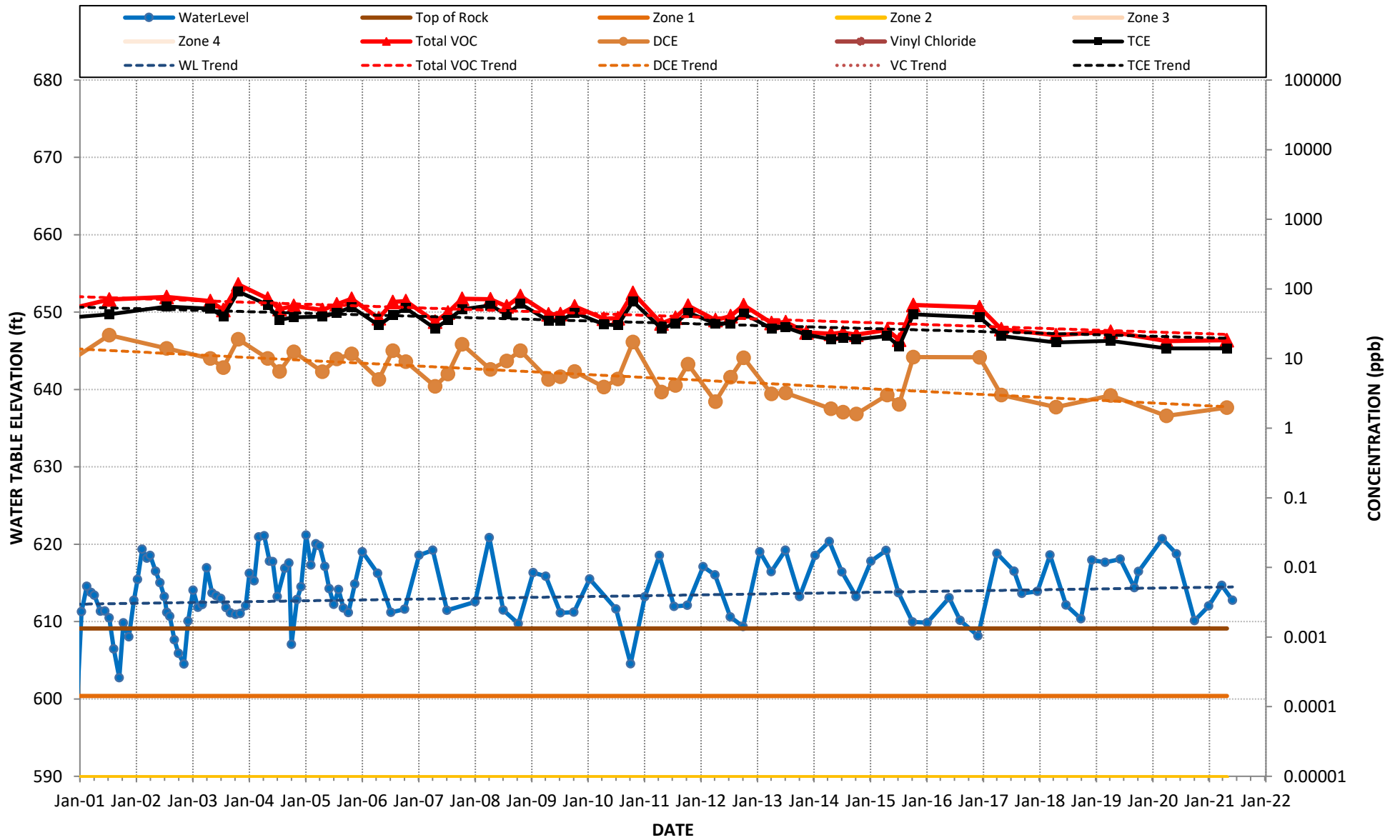


WATER LEVELS & CHLORINATED SOLVENT CONCENTRATIONS

B- 9M

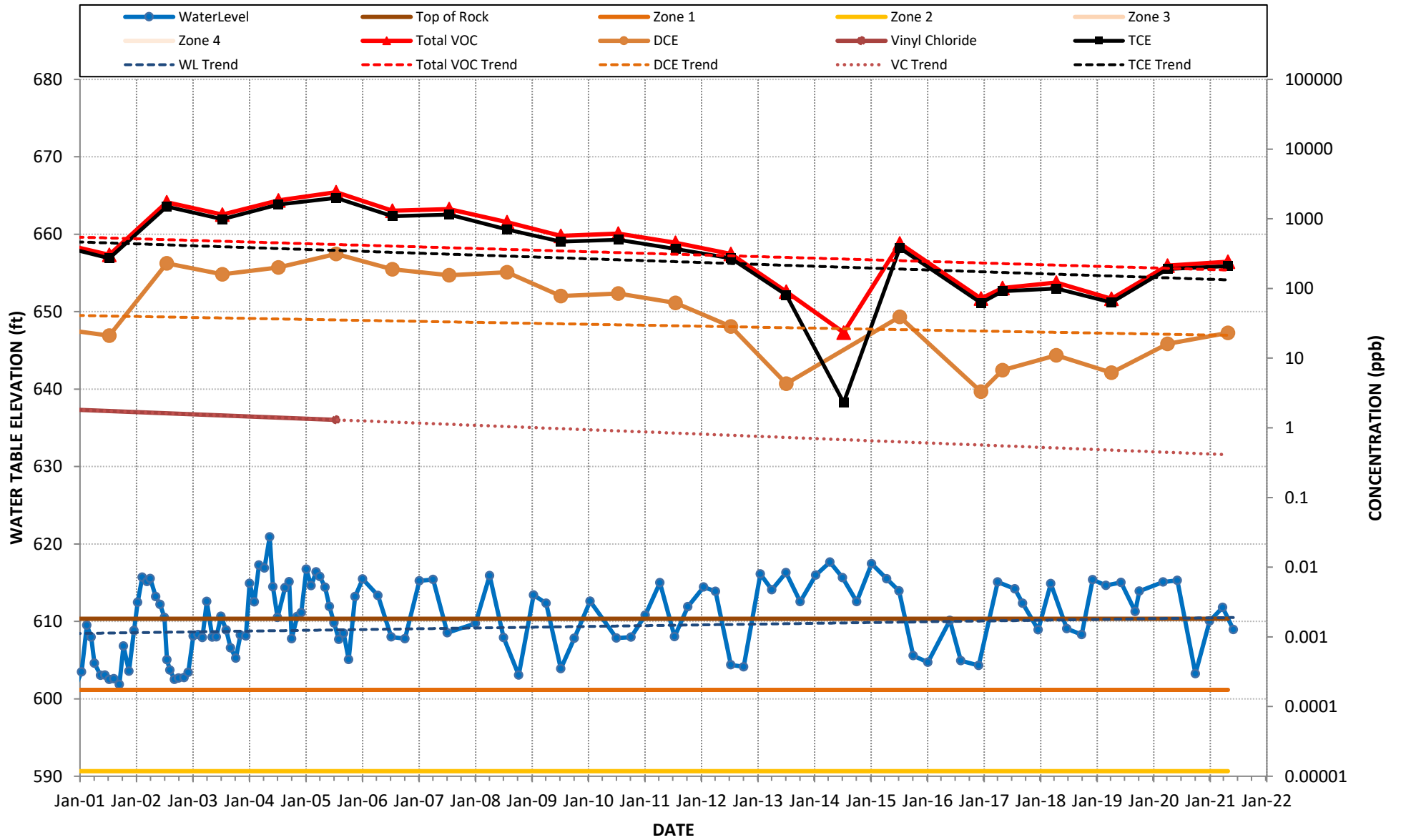


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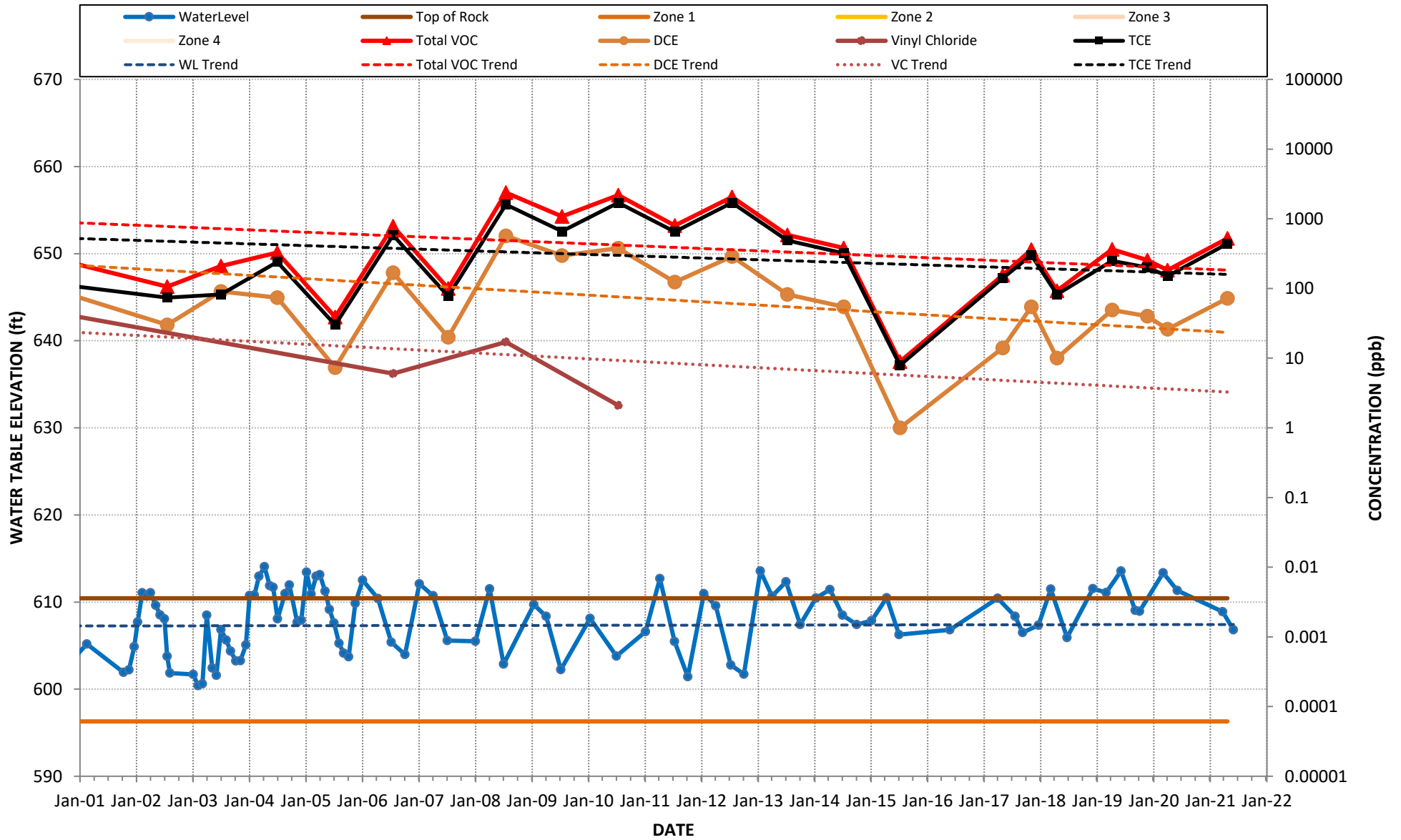


WATER LEVELS & CHLORINATED SOLVENT CONCENTRATIONS

B-11M

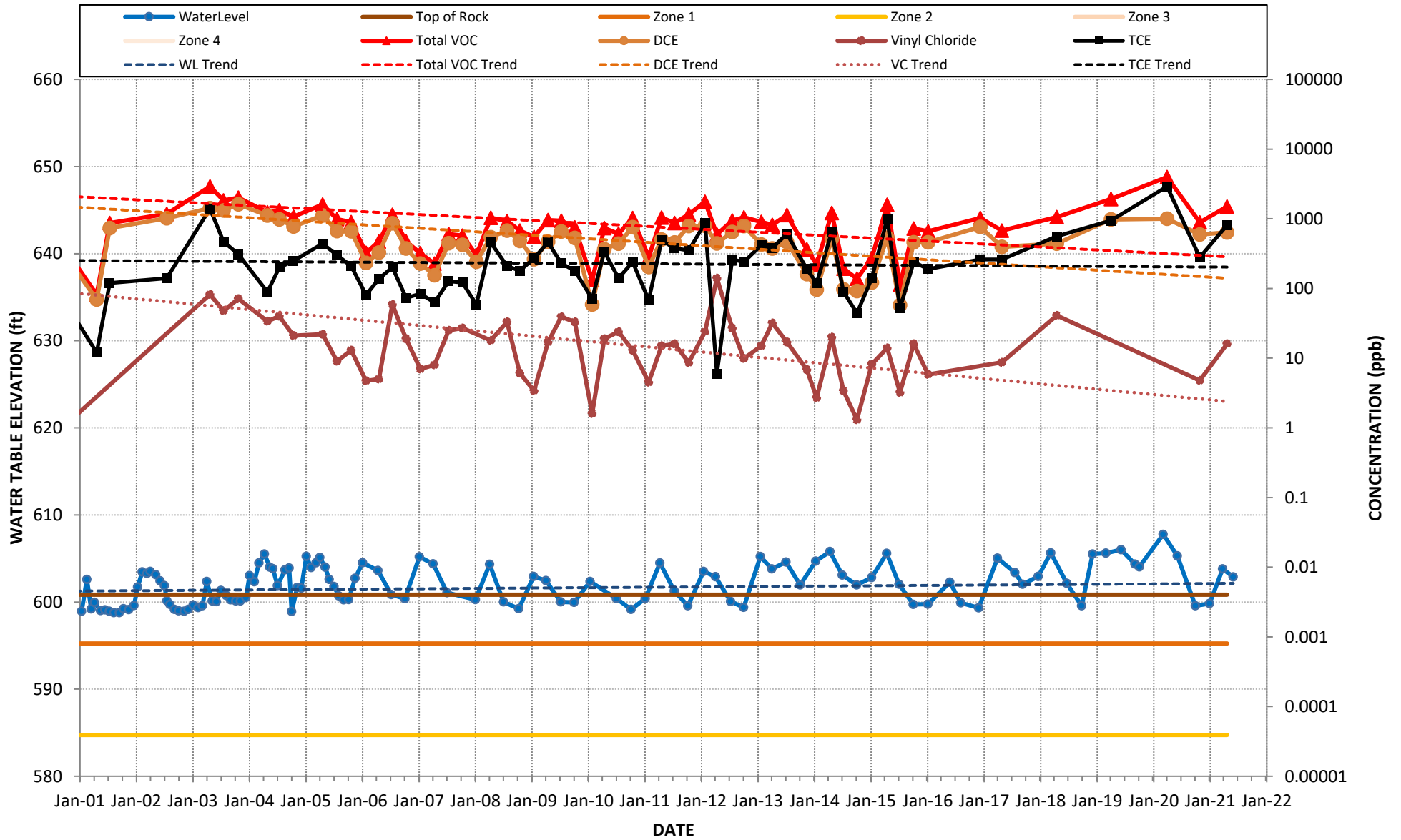


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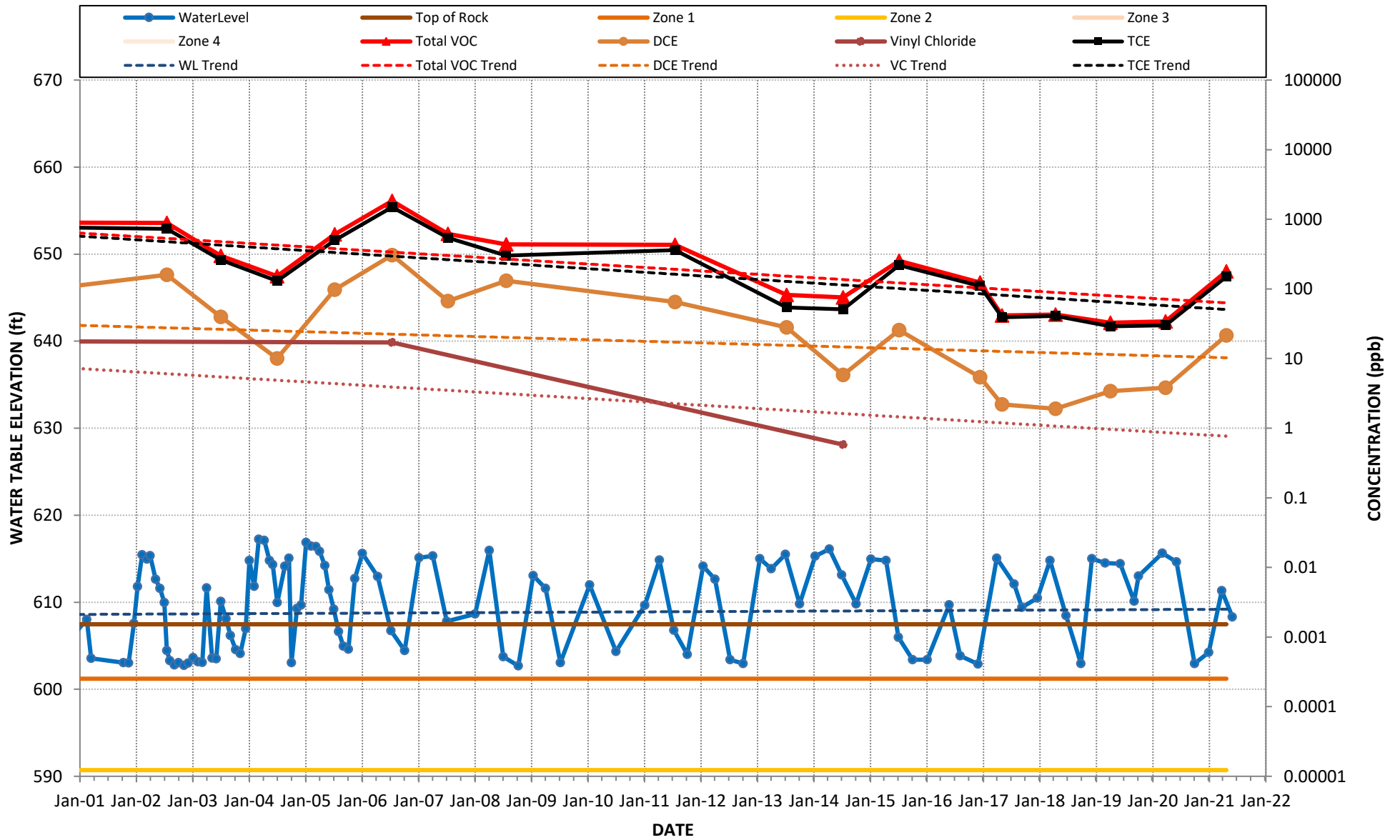


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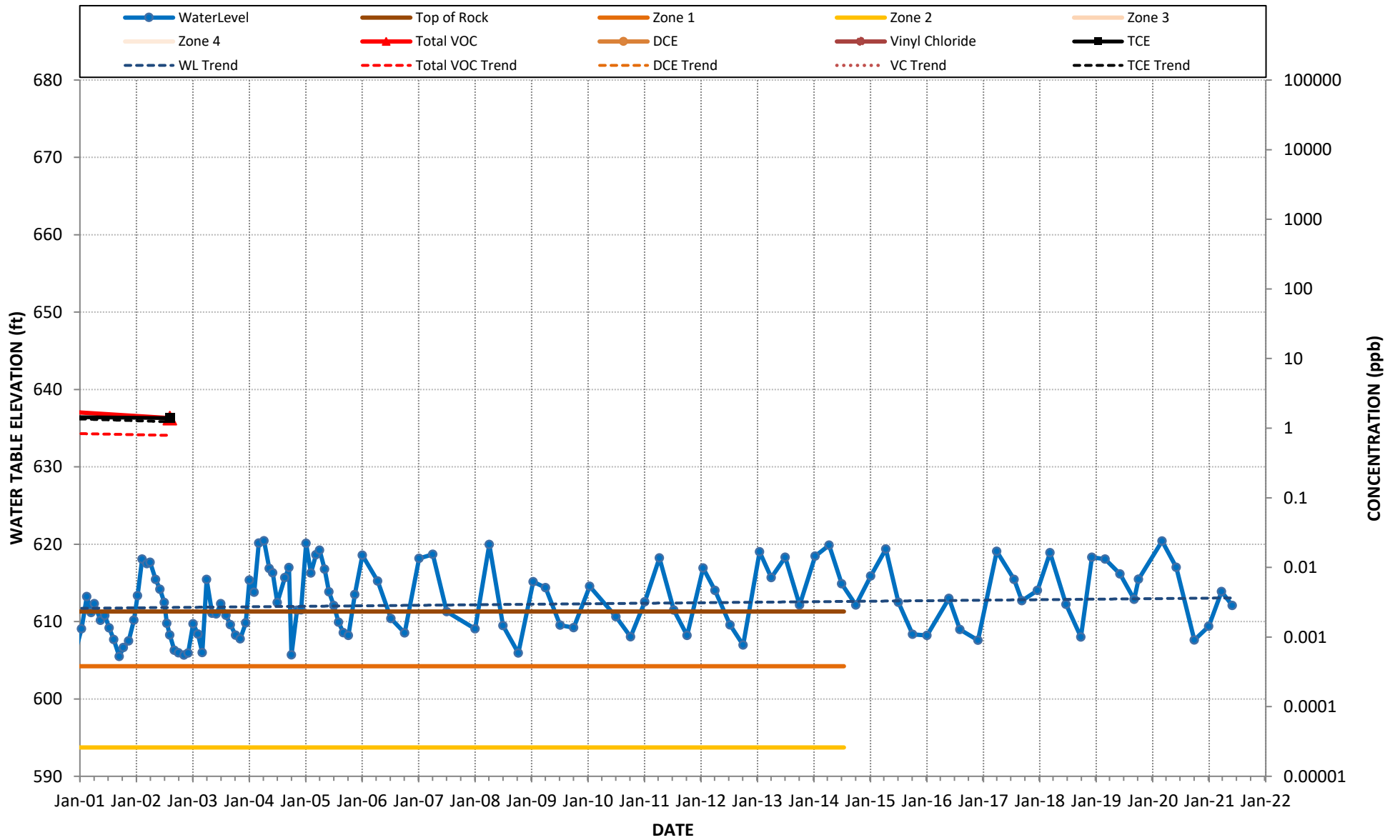
B-13M



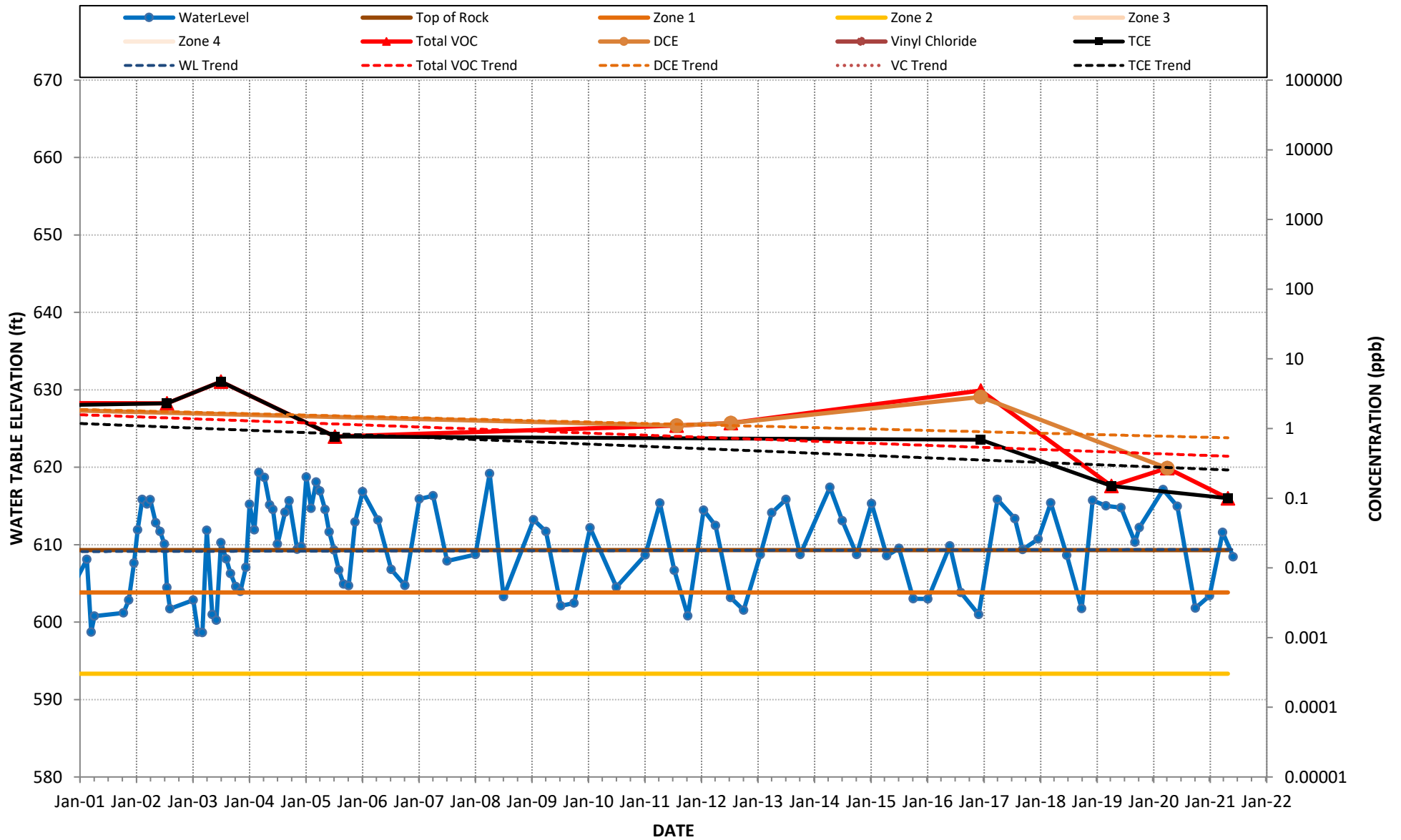
WATER LEVELS & CHLORINATED SOLVENT CONCENTRATIONS B-14M



WATER LEVELS & CHLORINATED SOLVENT CONCENTRATIONS B-15M

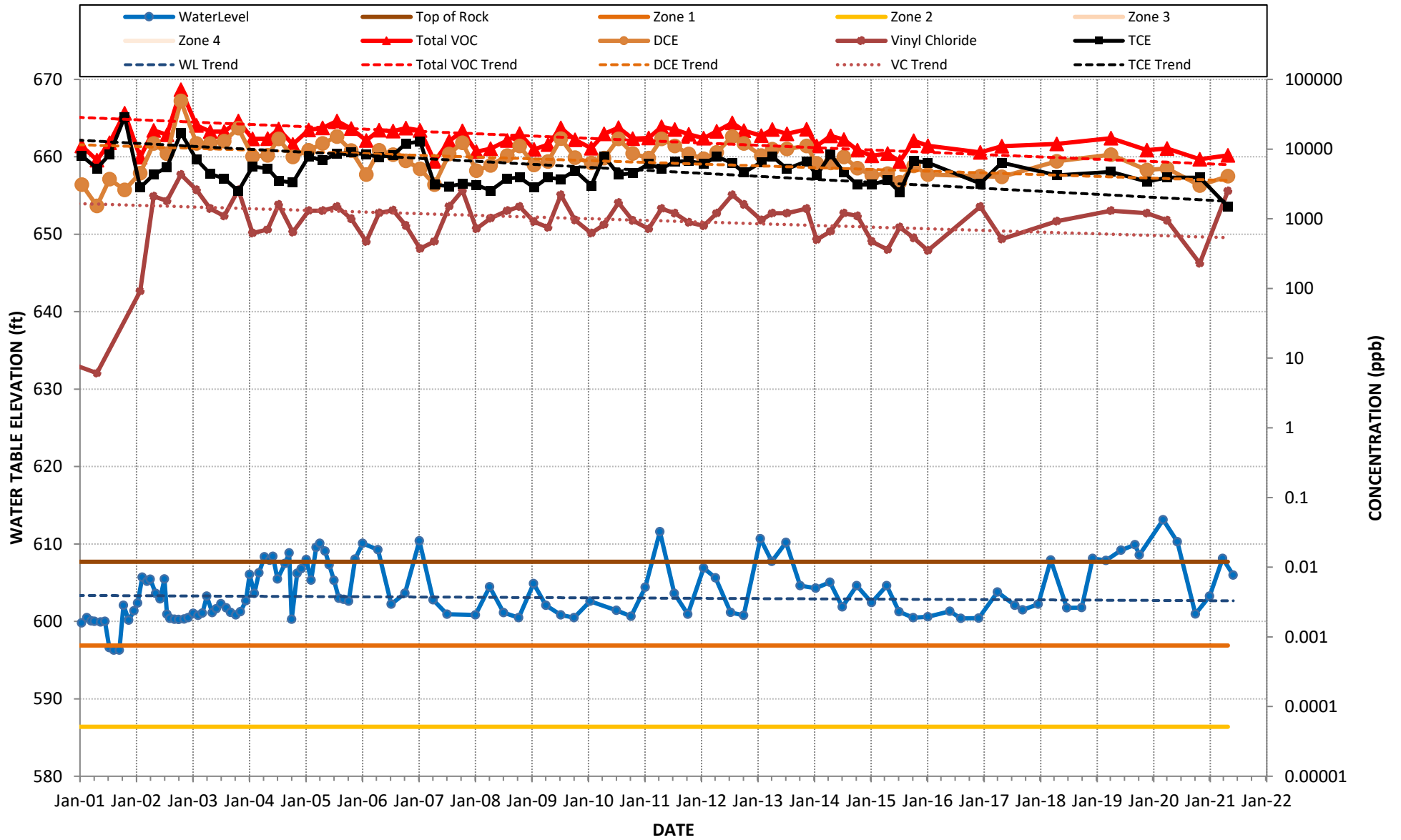


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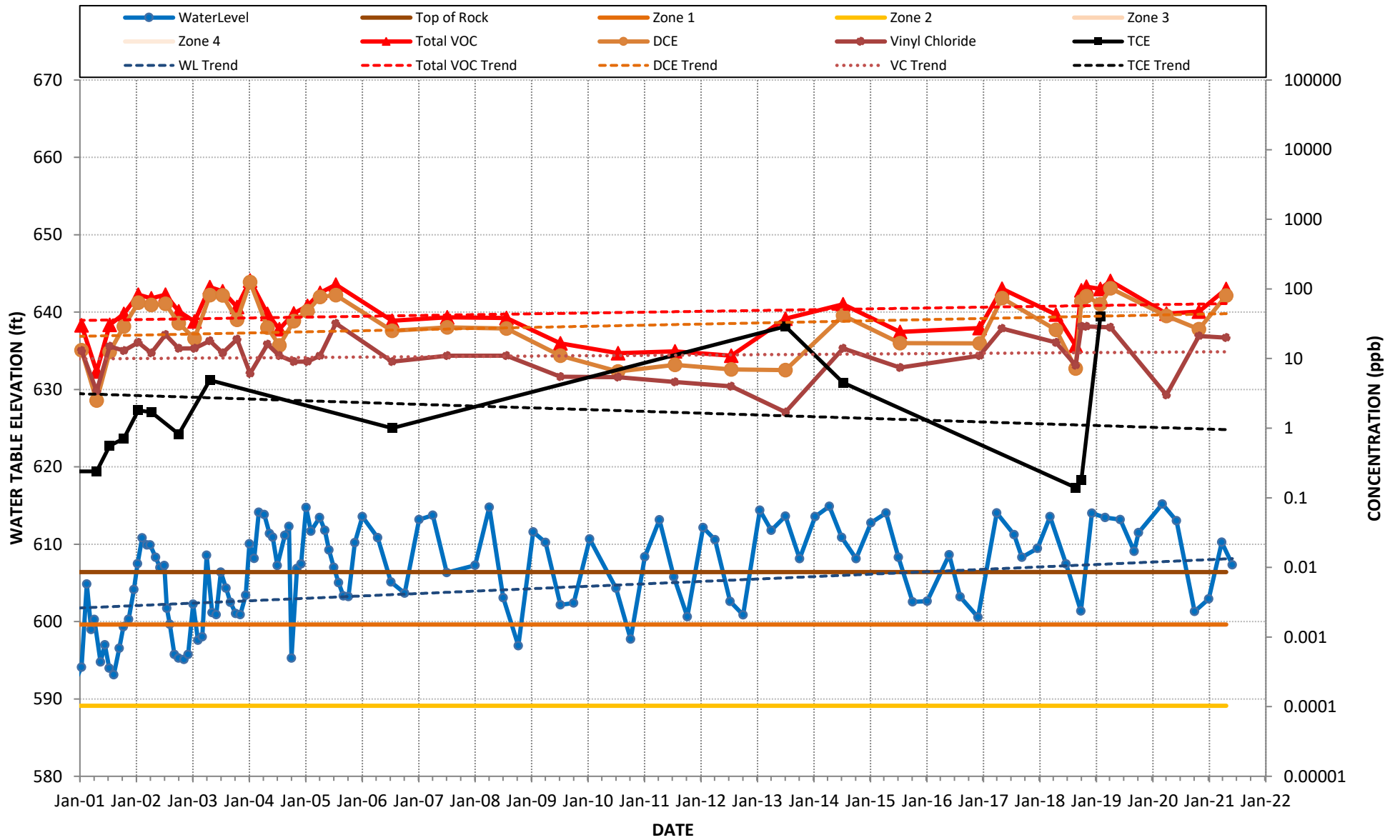


WATER LEVELS & CHLORINATED SOLVENT CONCENTRATIONS

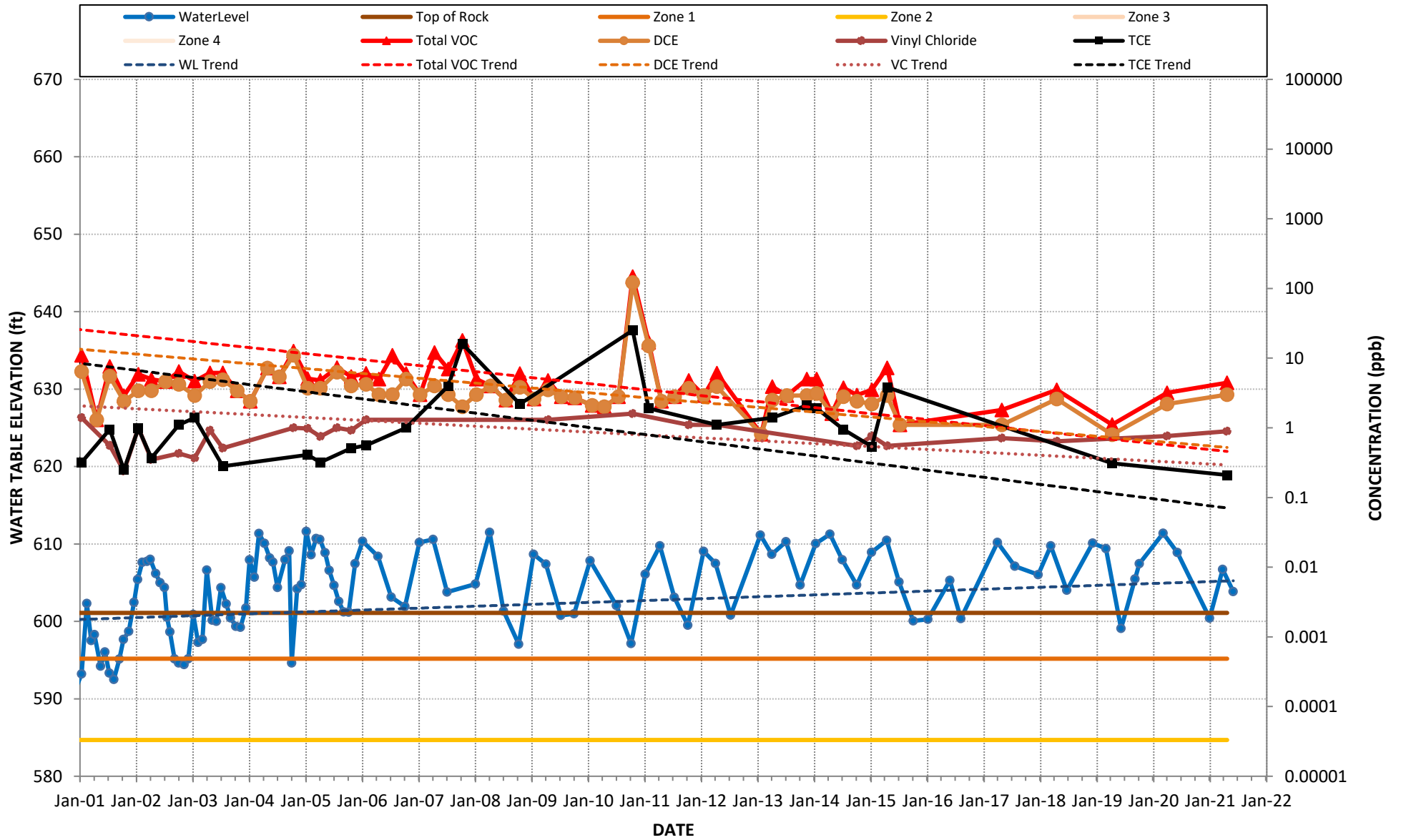
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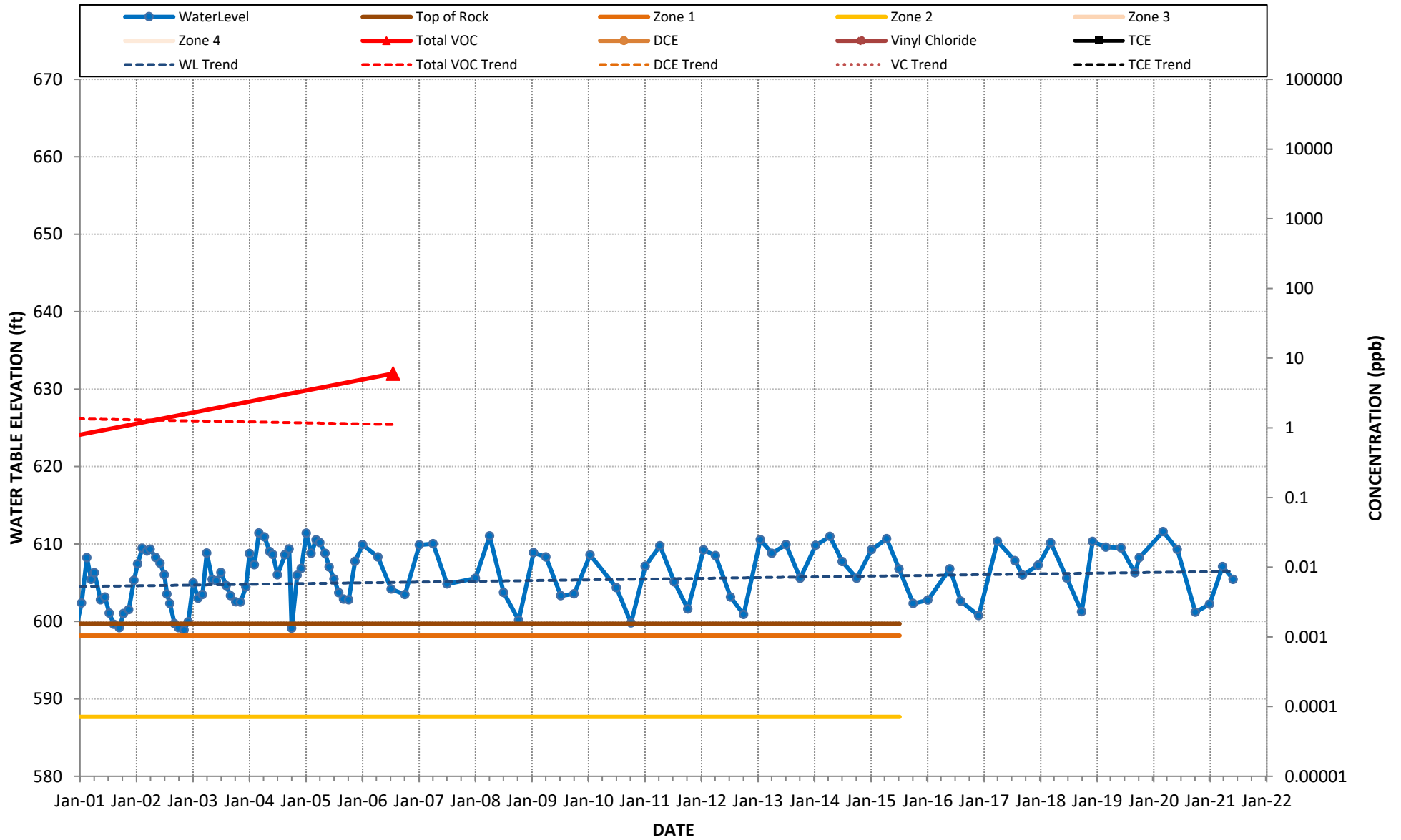
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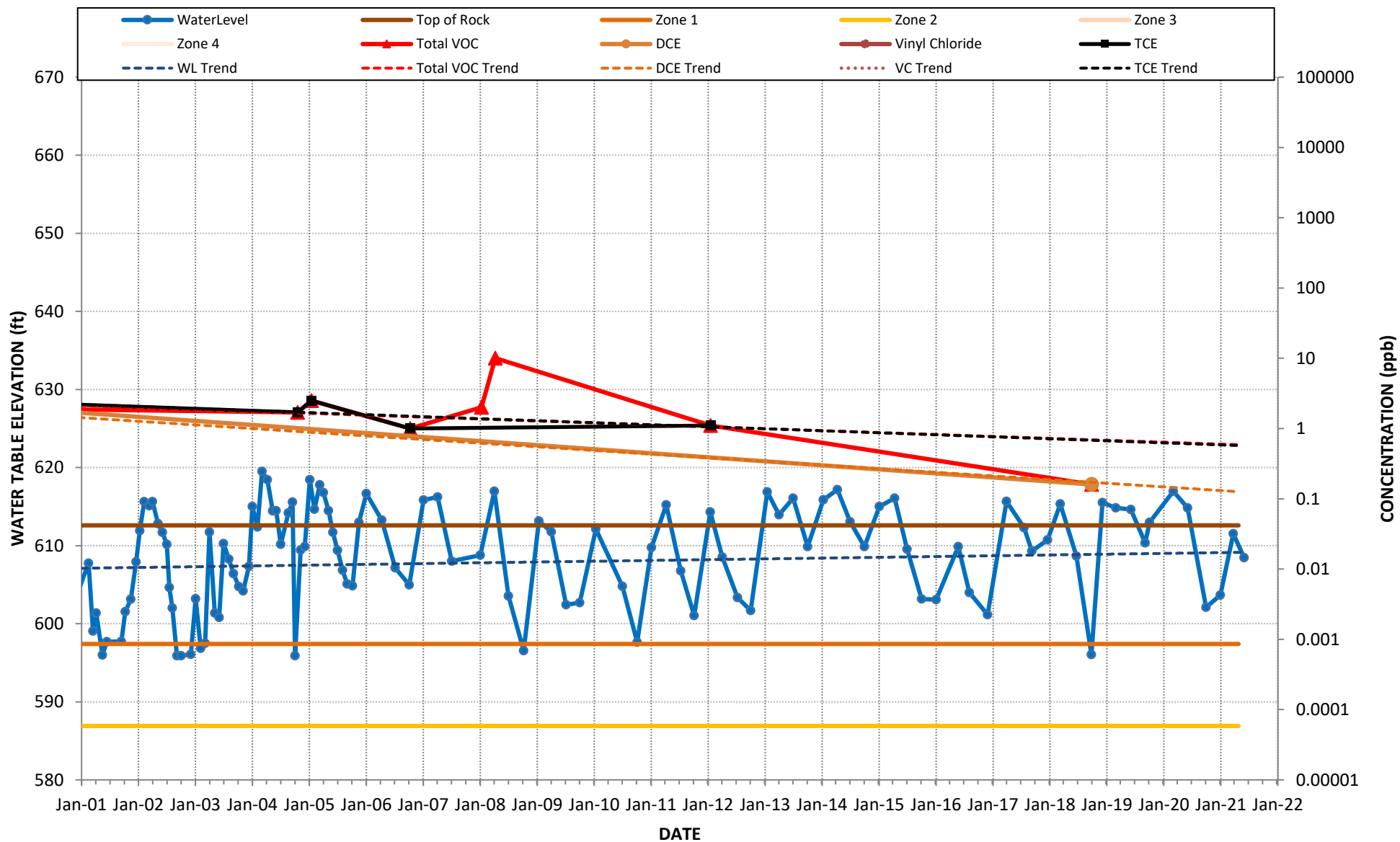
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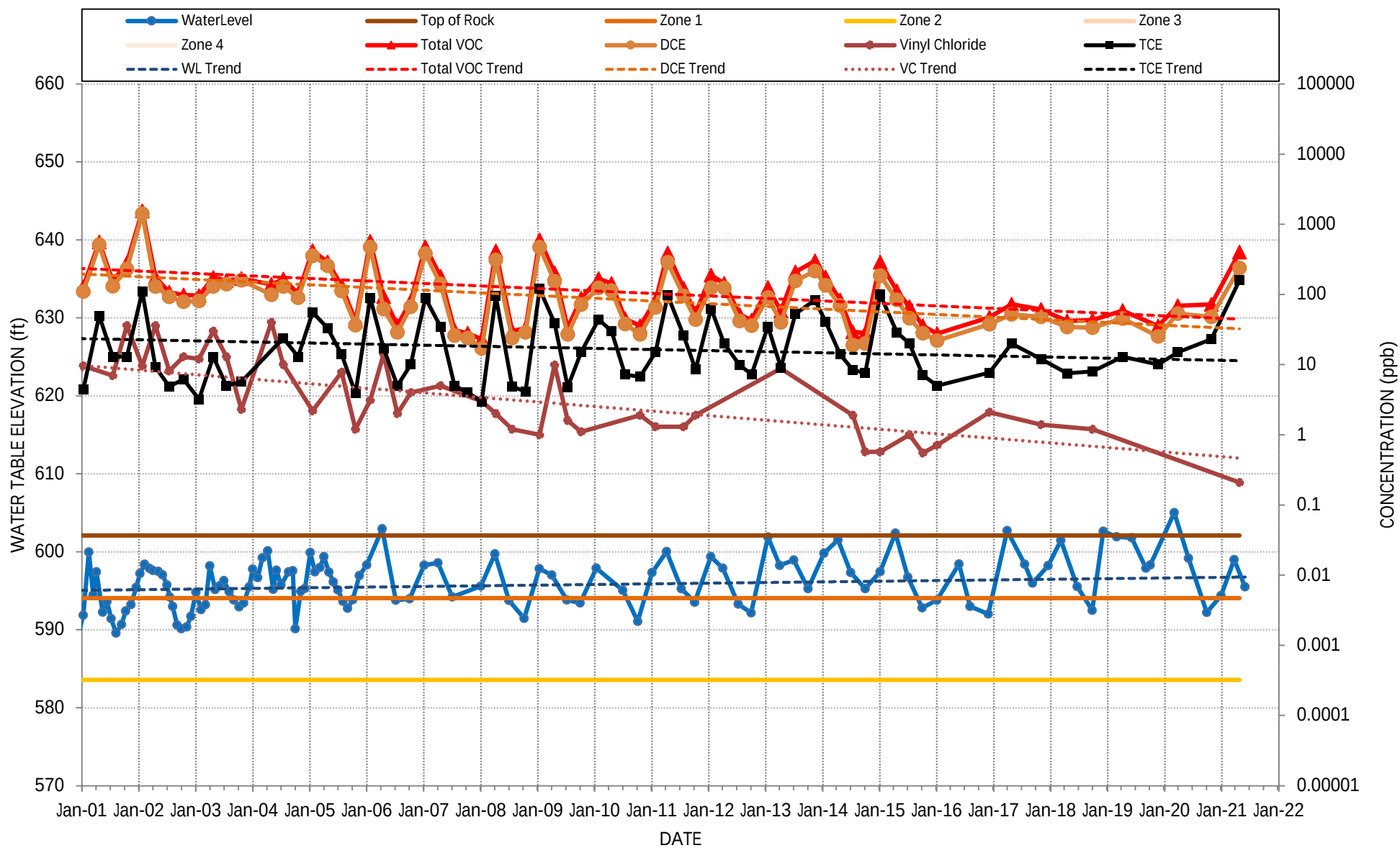
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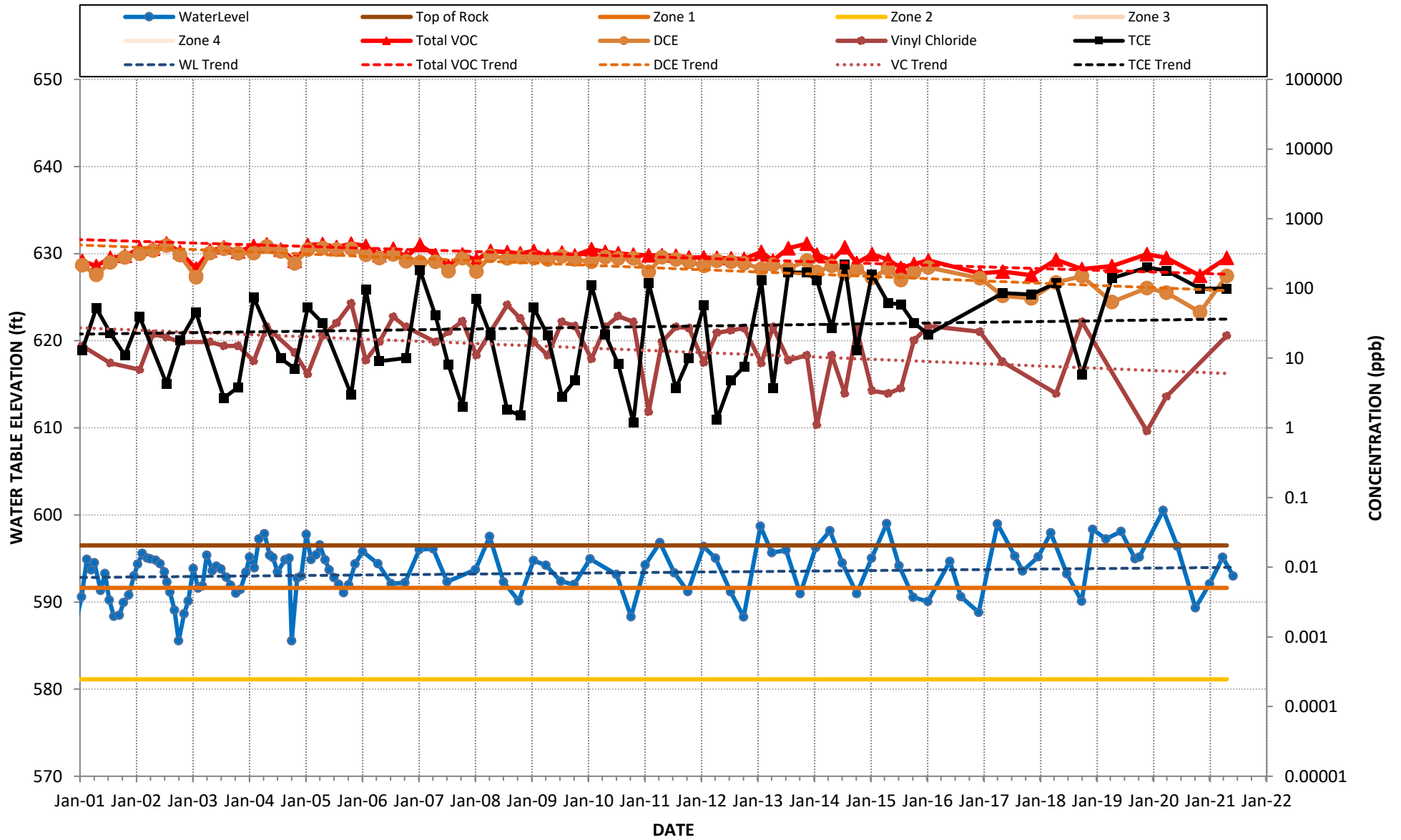


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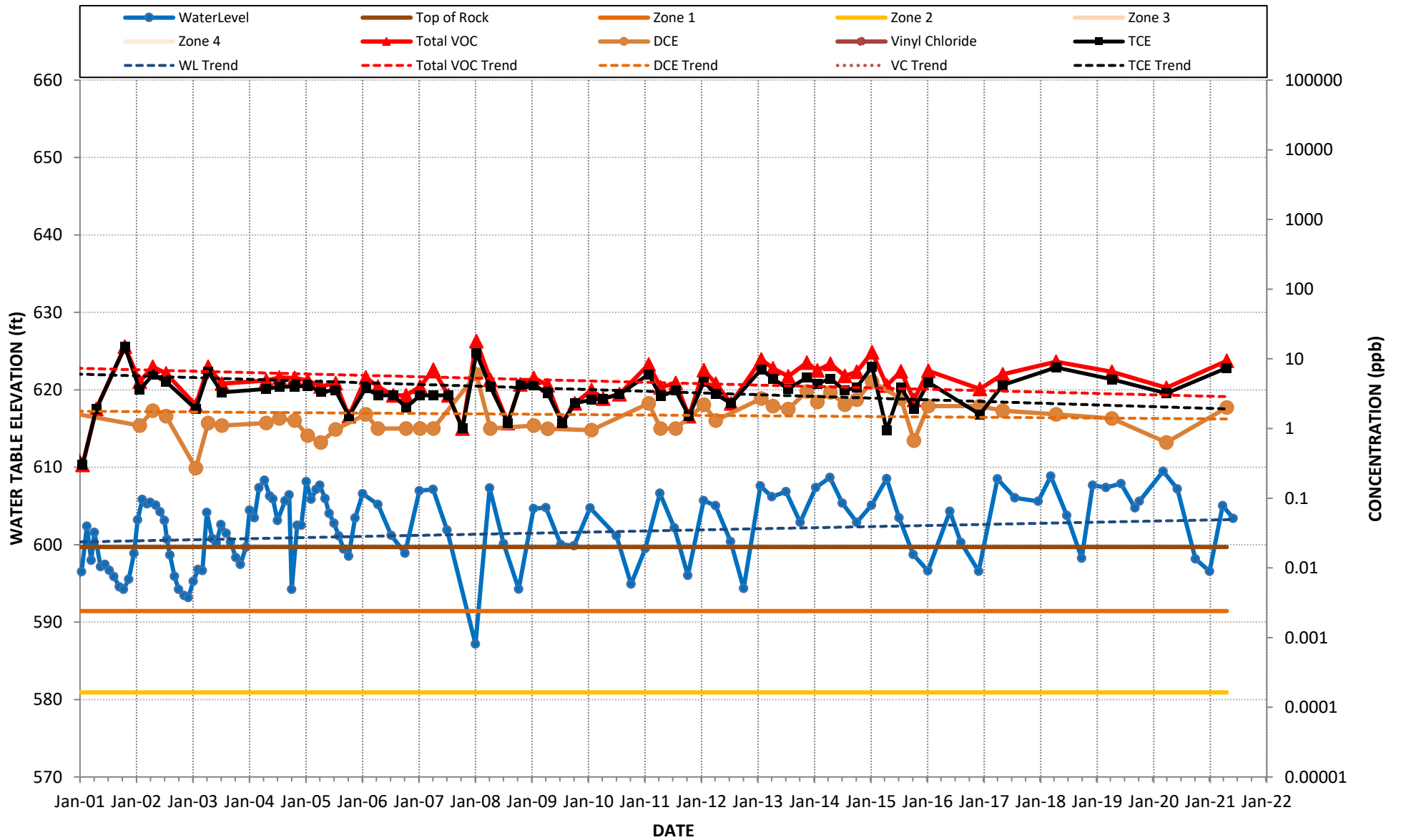


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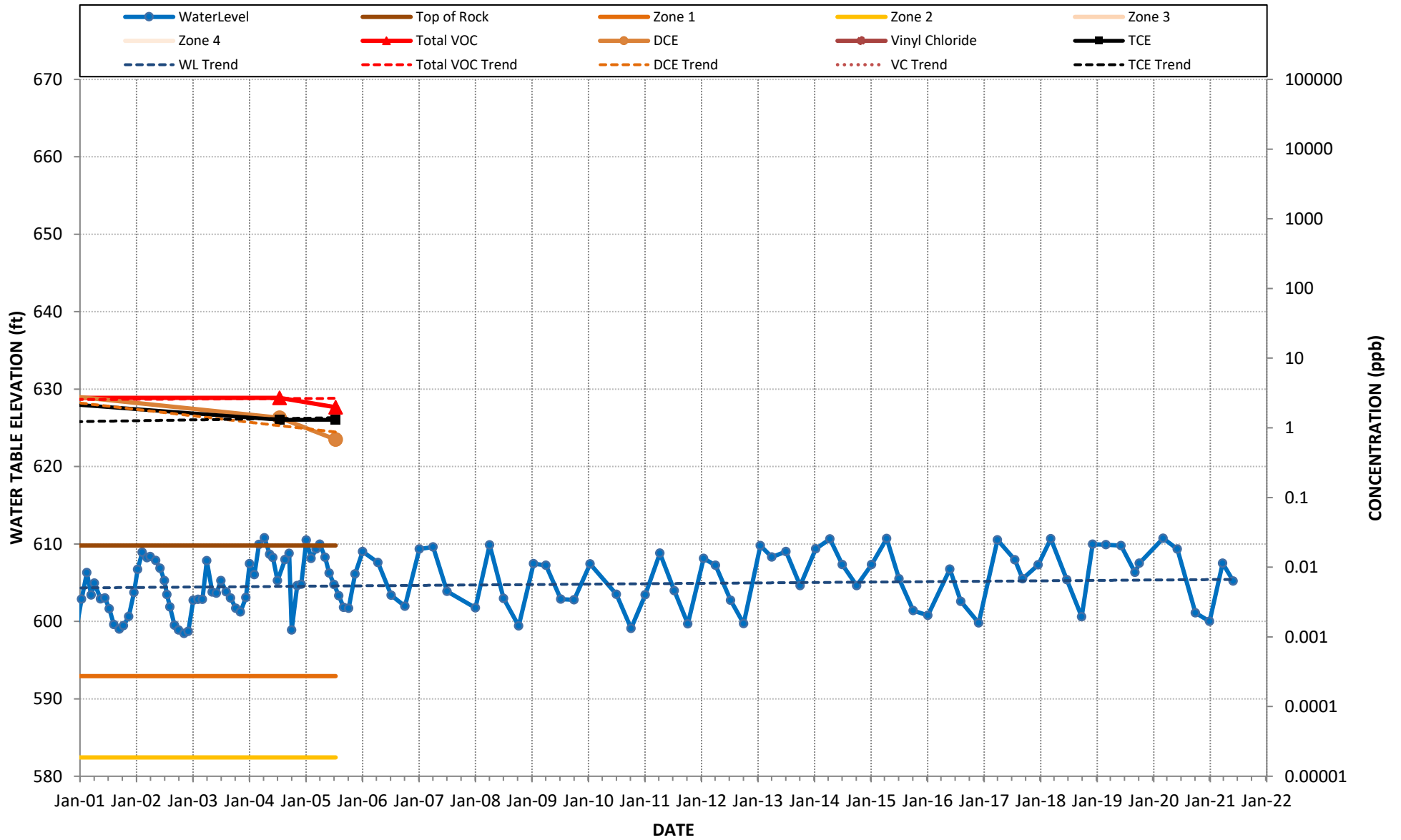
B-23M



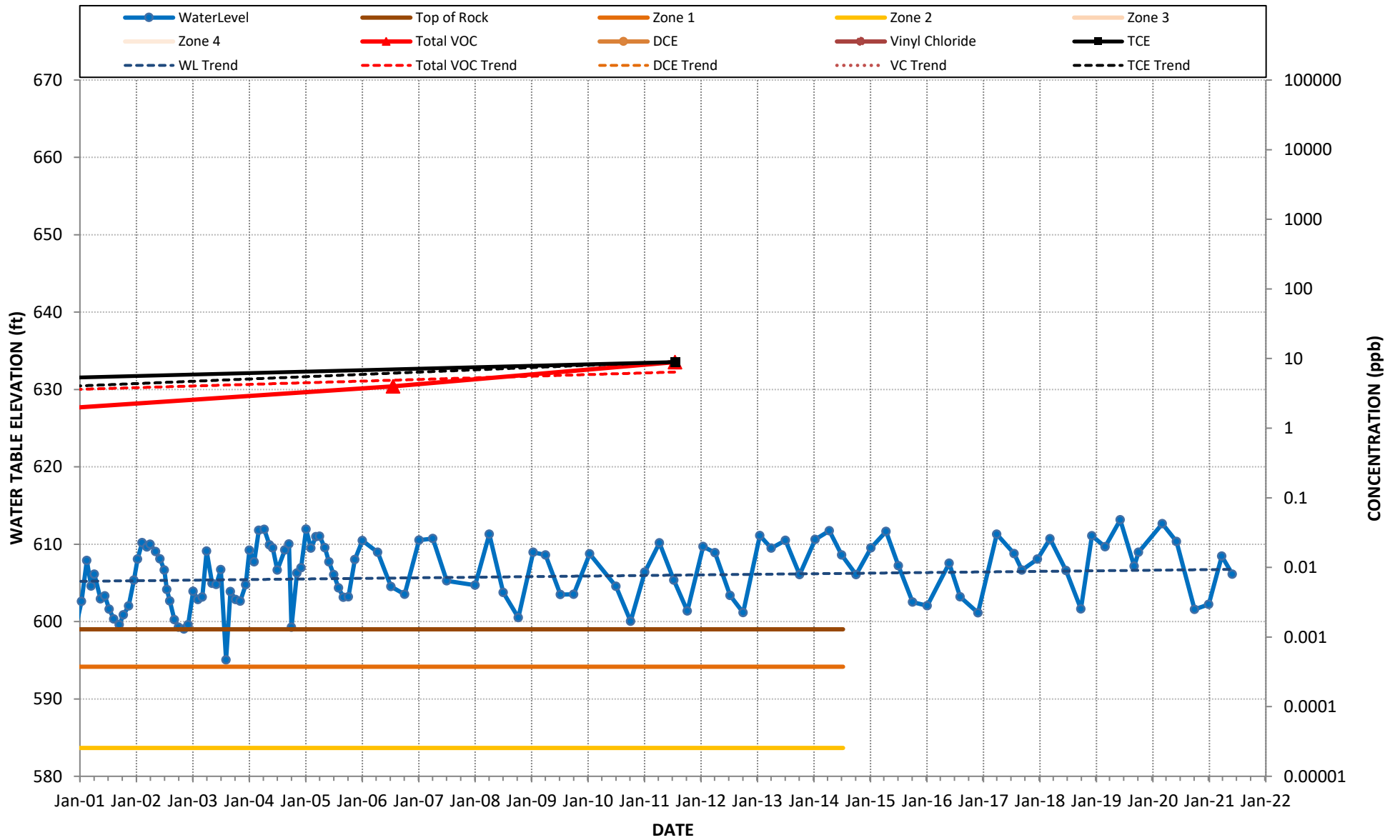
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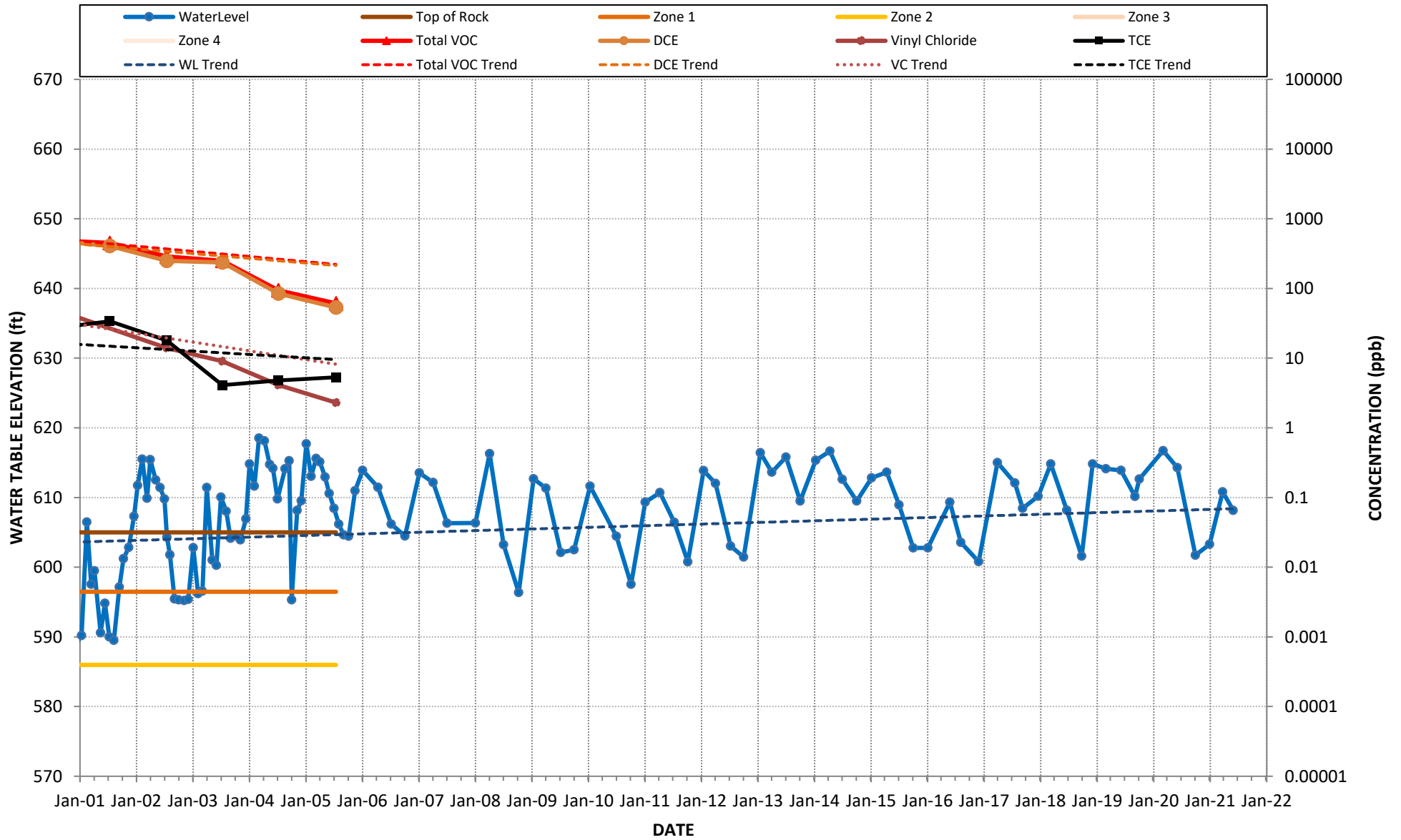
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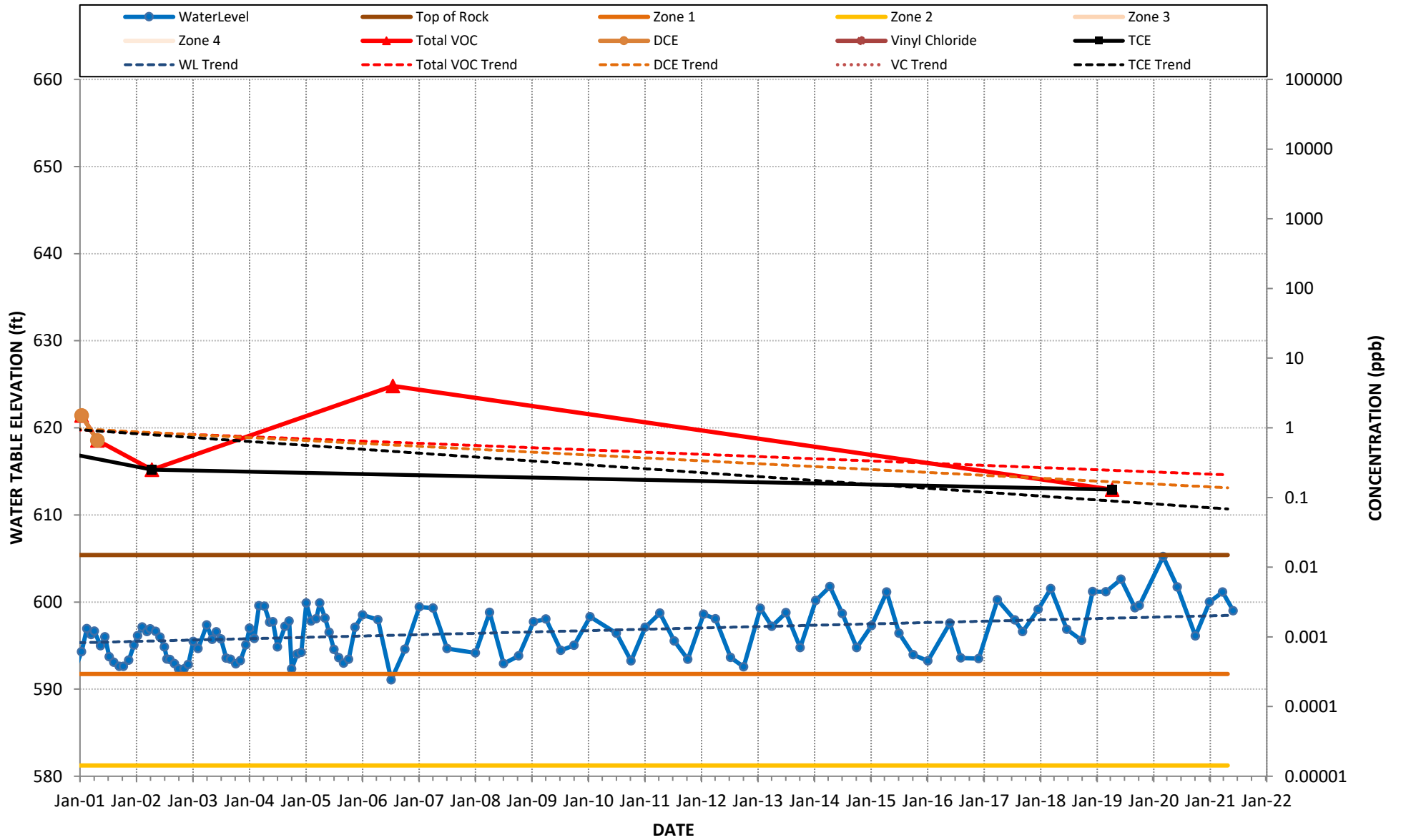
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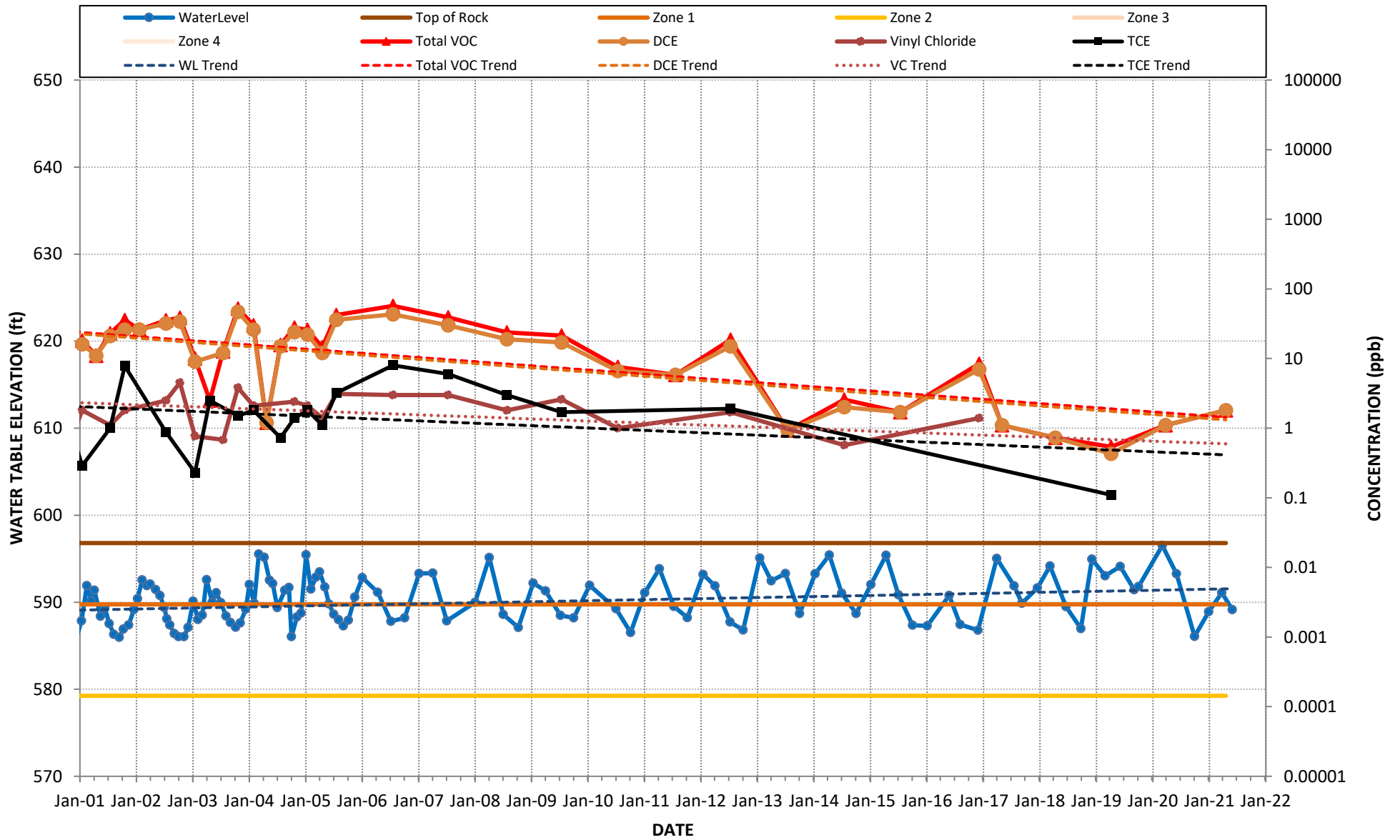
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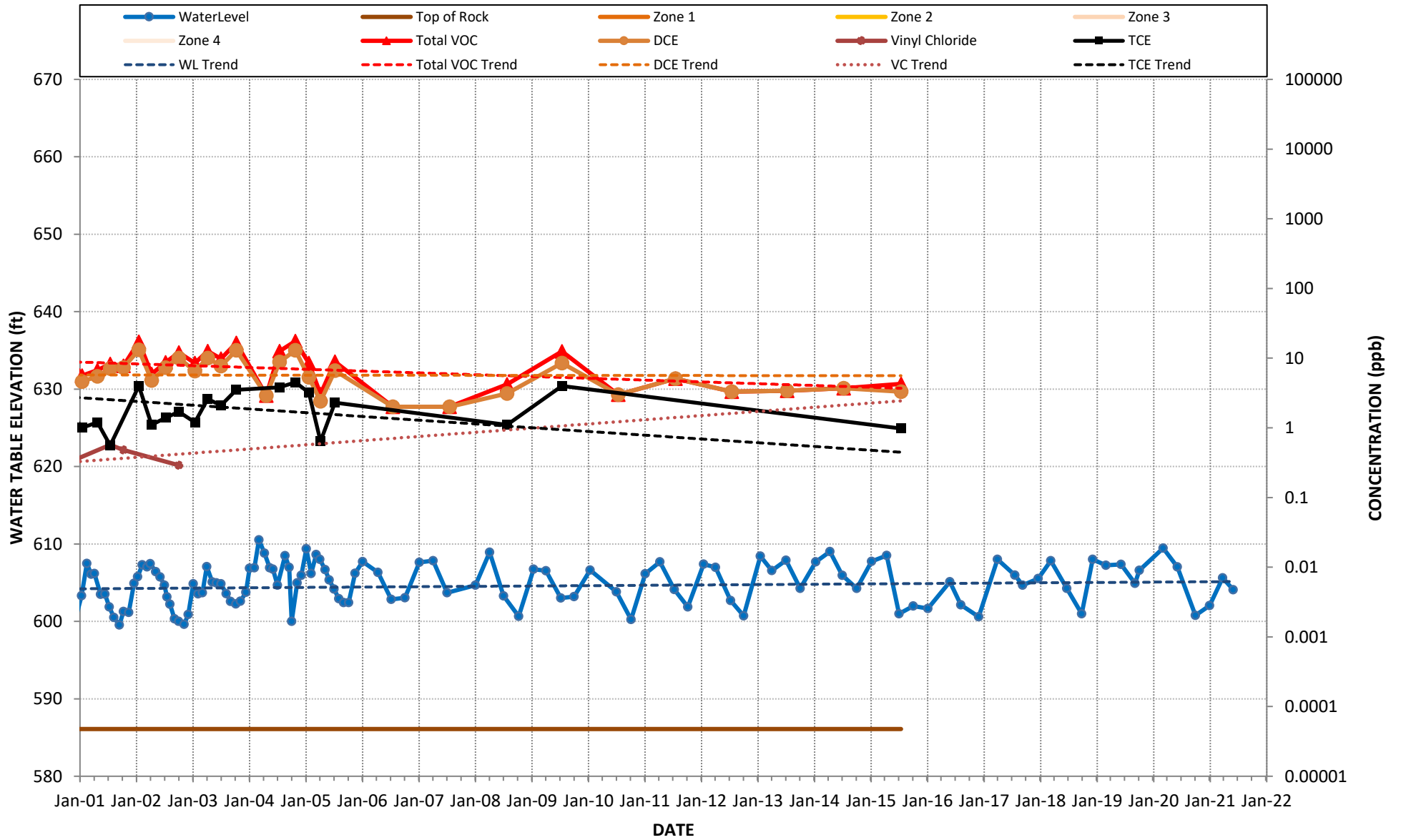
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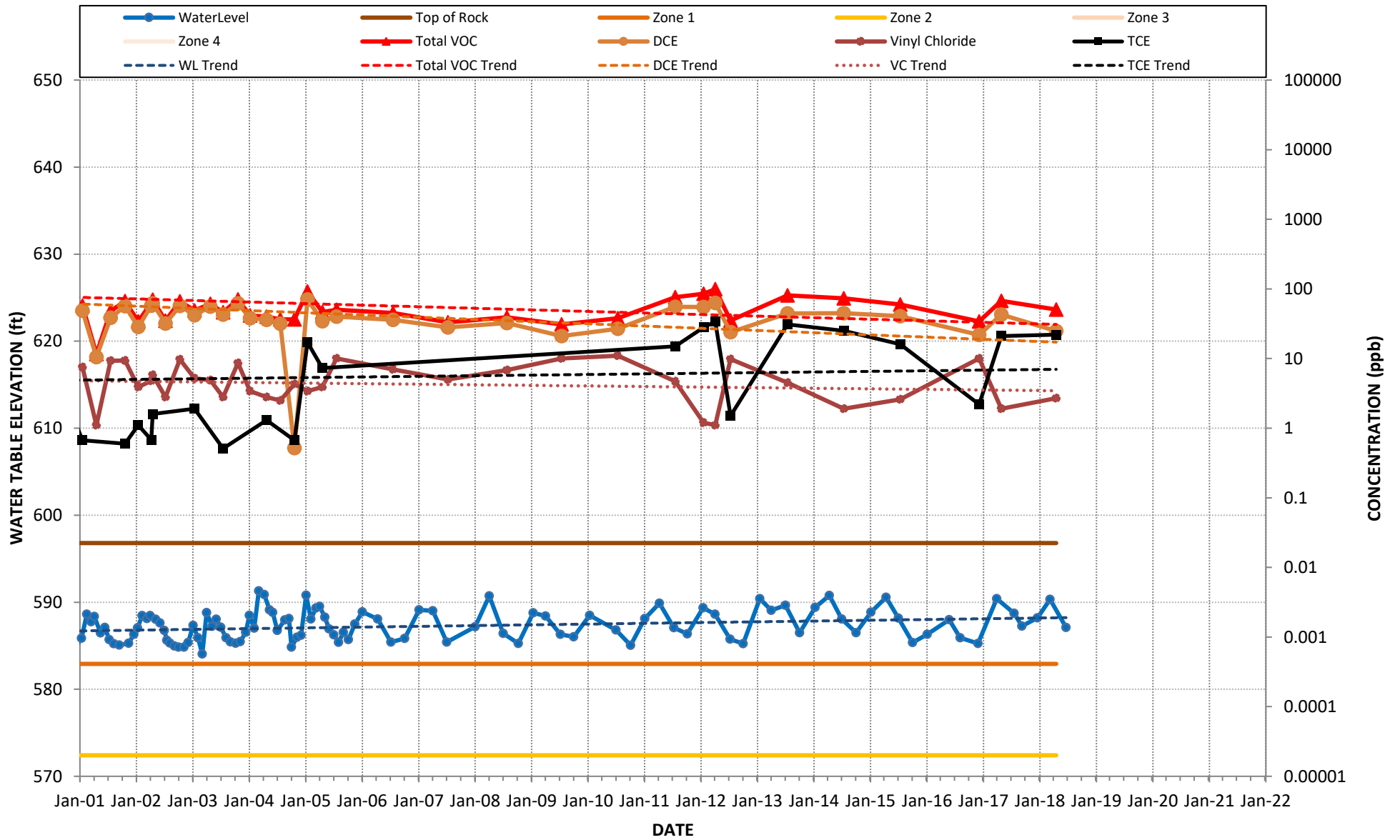
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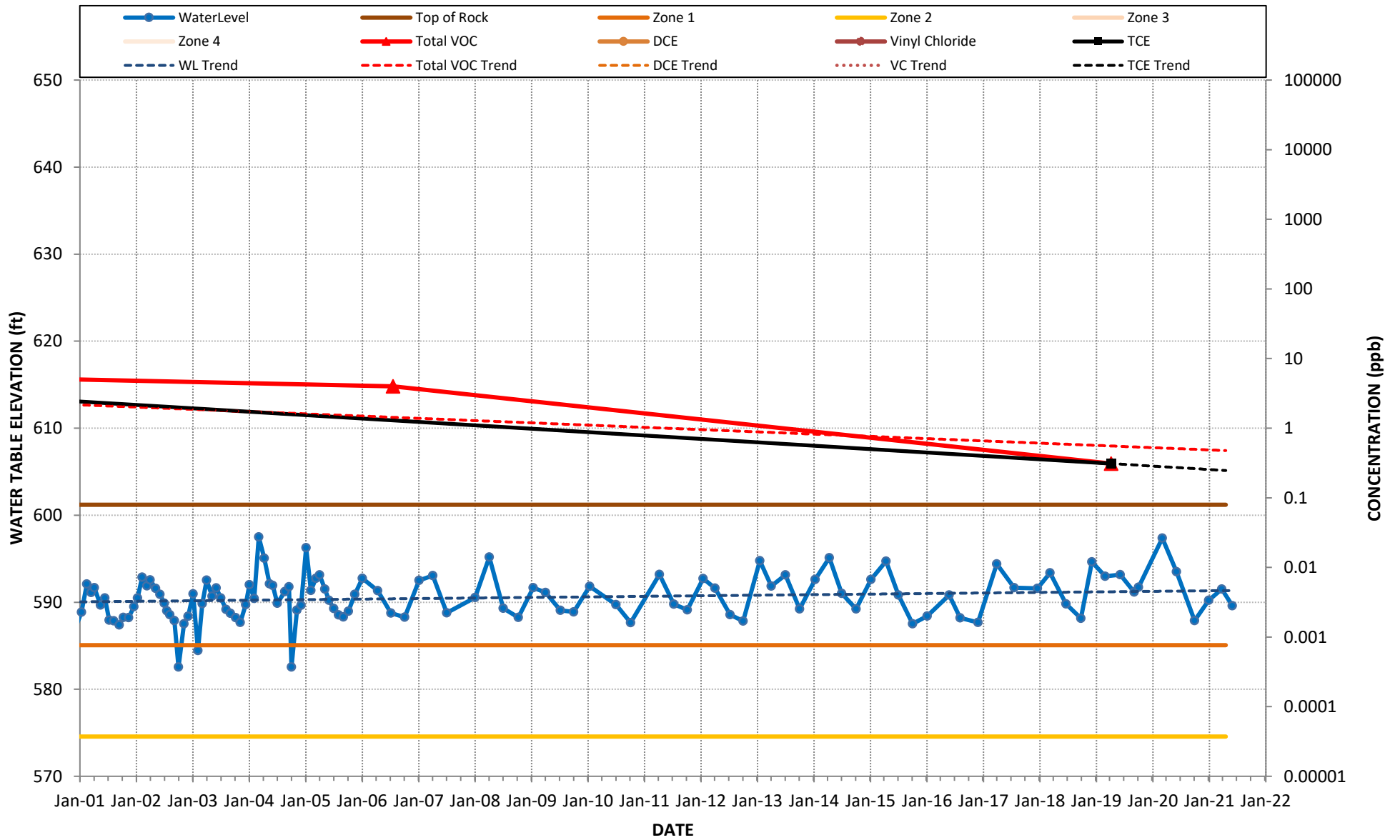
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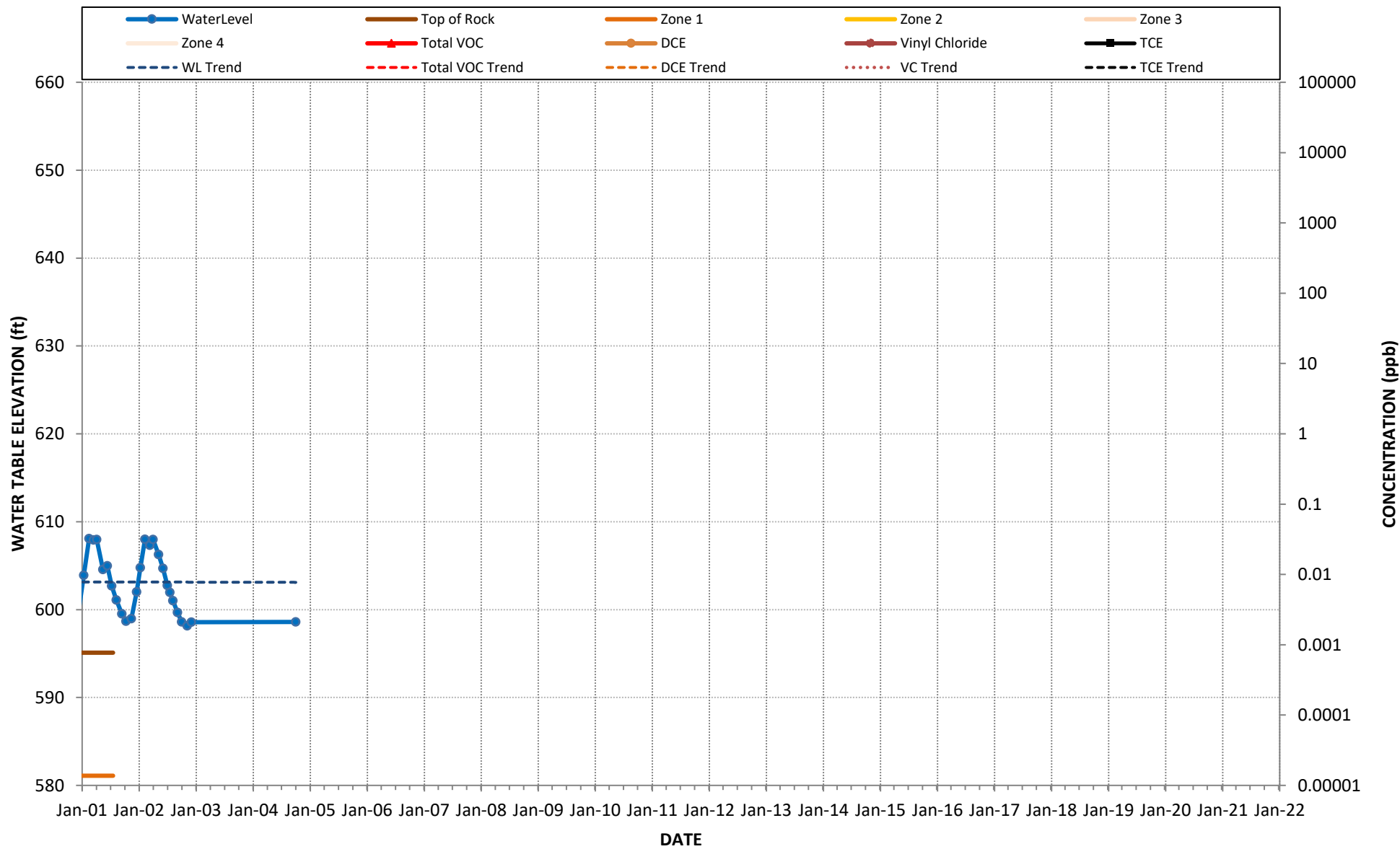
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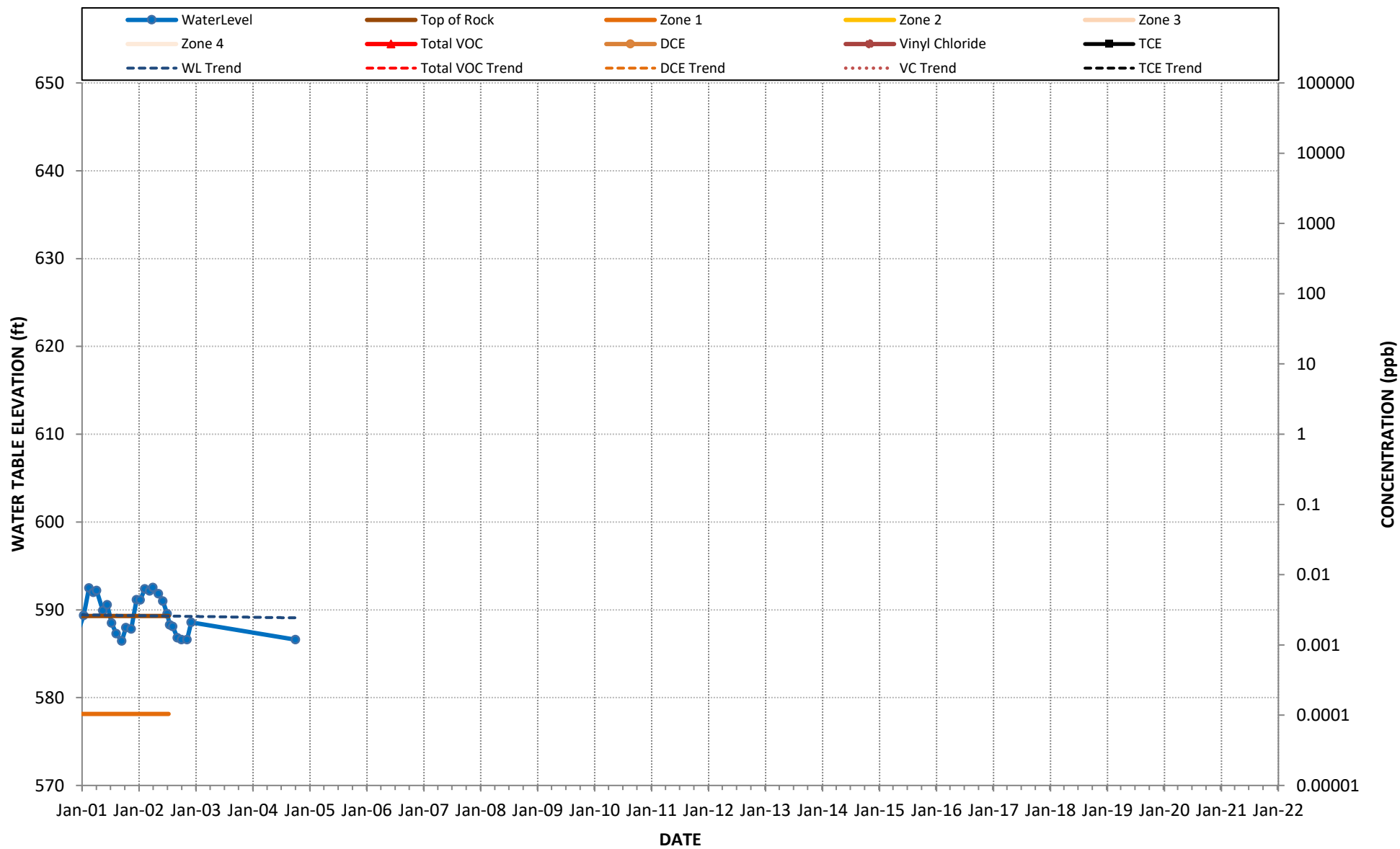
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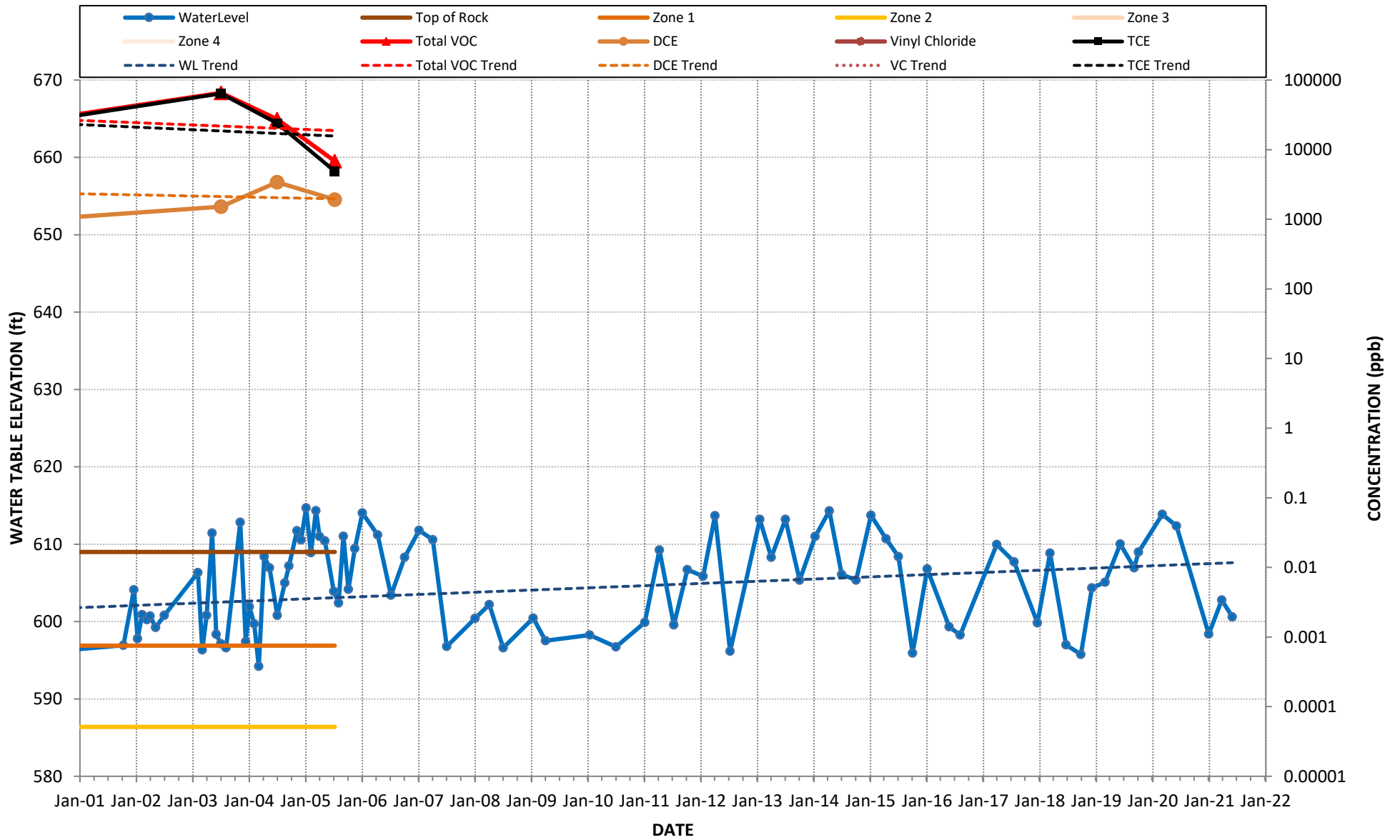
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B-34M



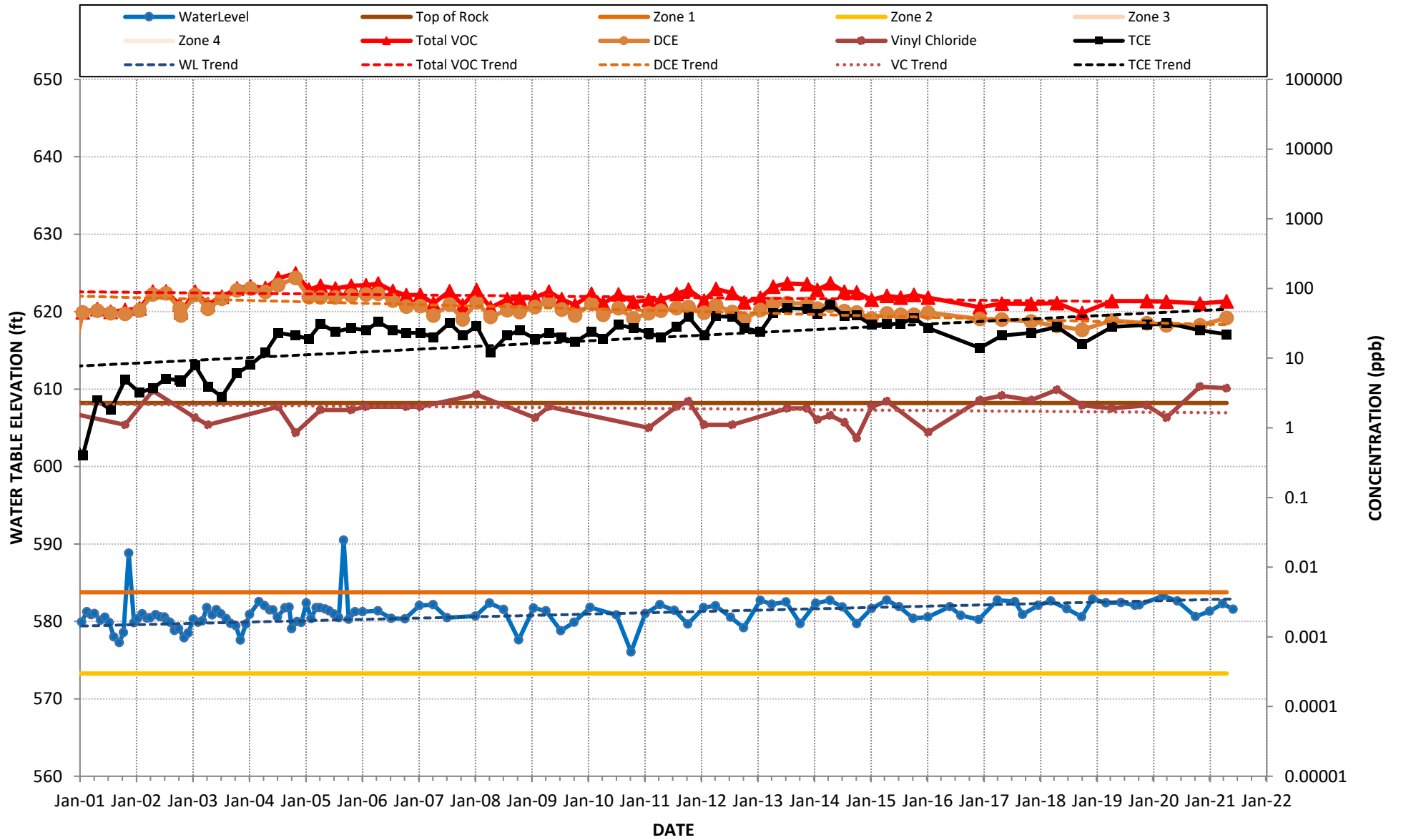
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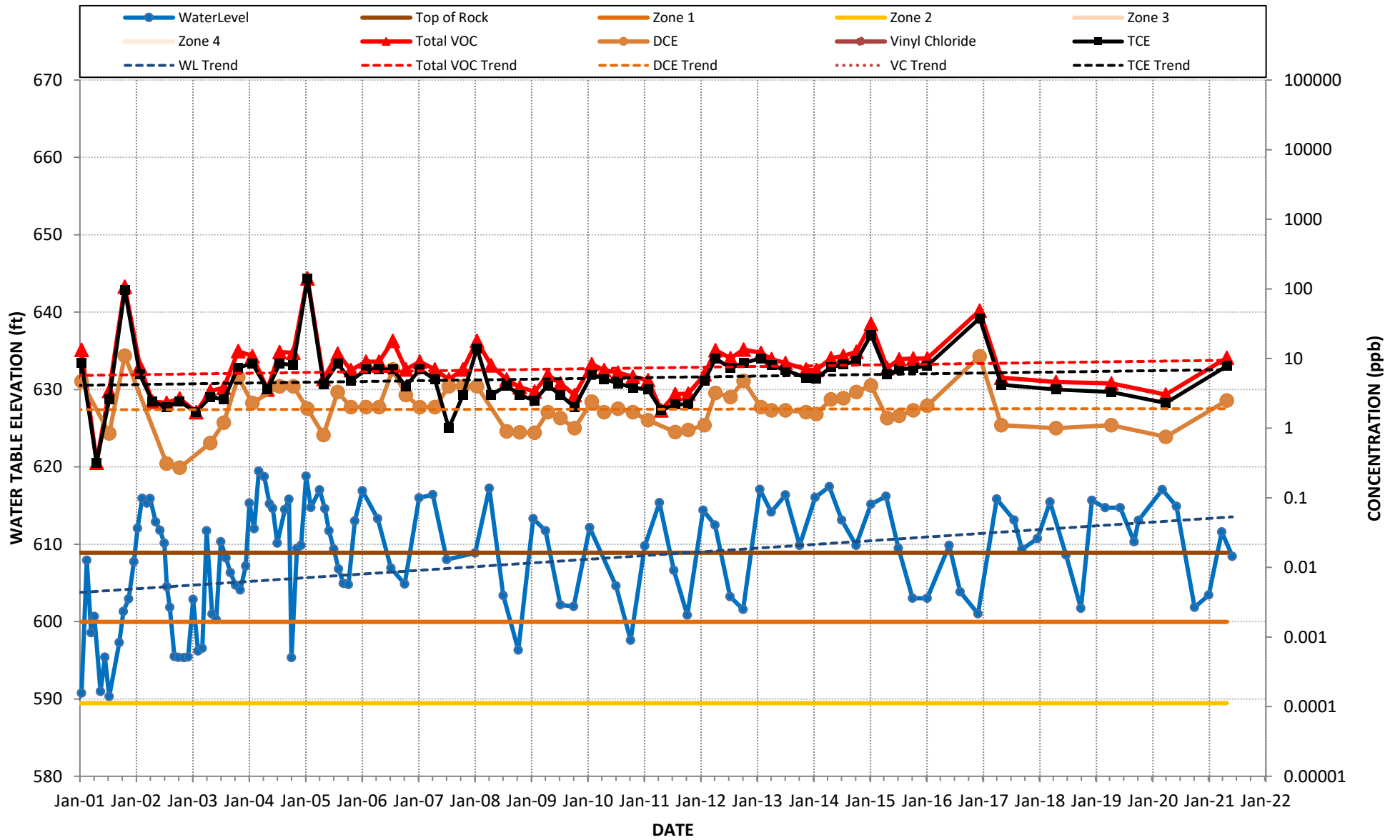
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WATER LEVELS & CHLORINATED SOLVENT CONCENTRATIONS B-38M

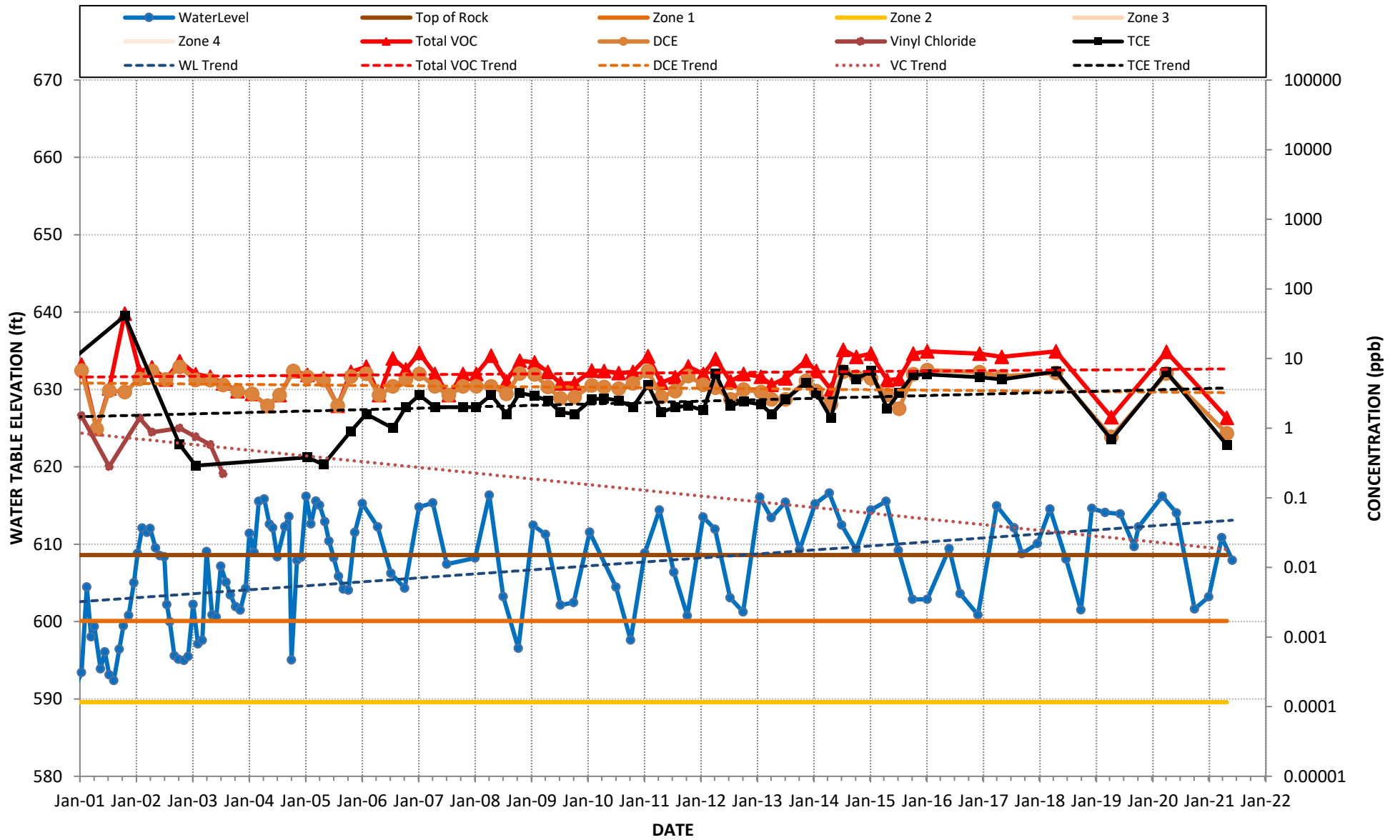


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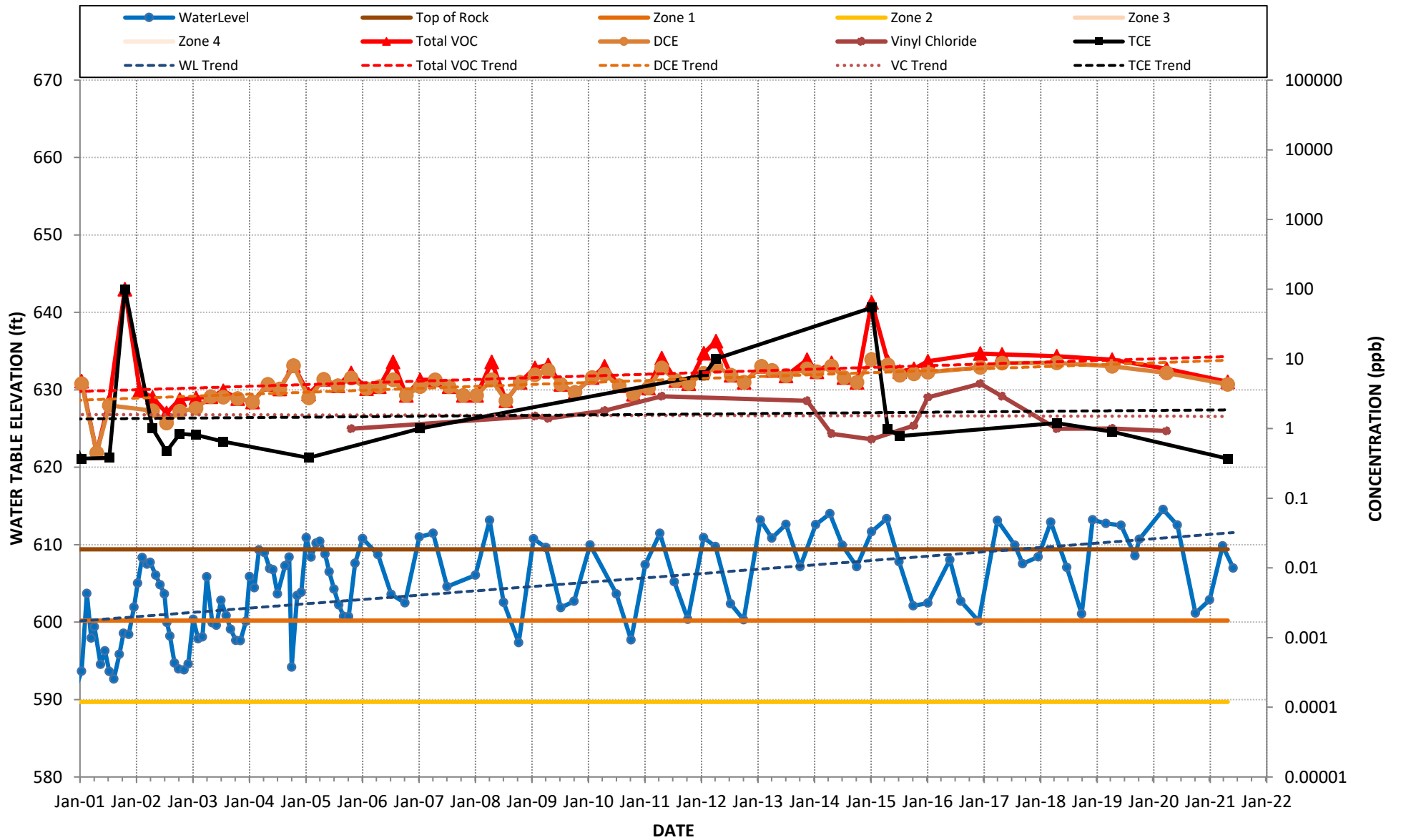


WATER LEVELS & CHLORINATED SOLVENT CONCENTRATIONS

B-40M

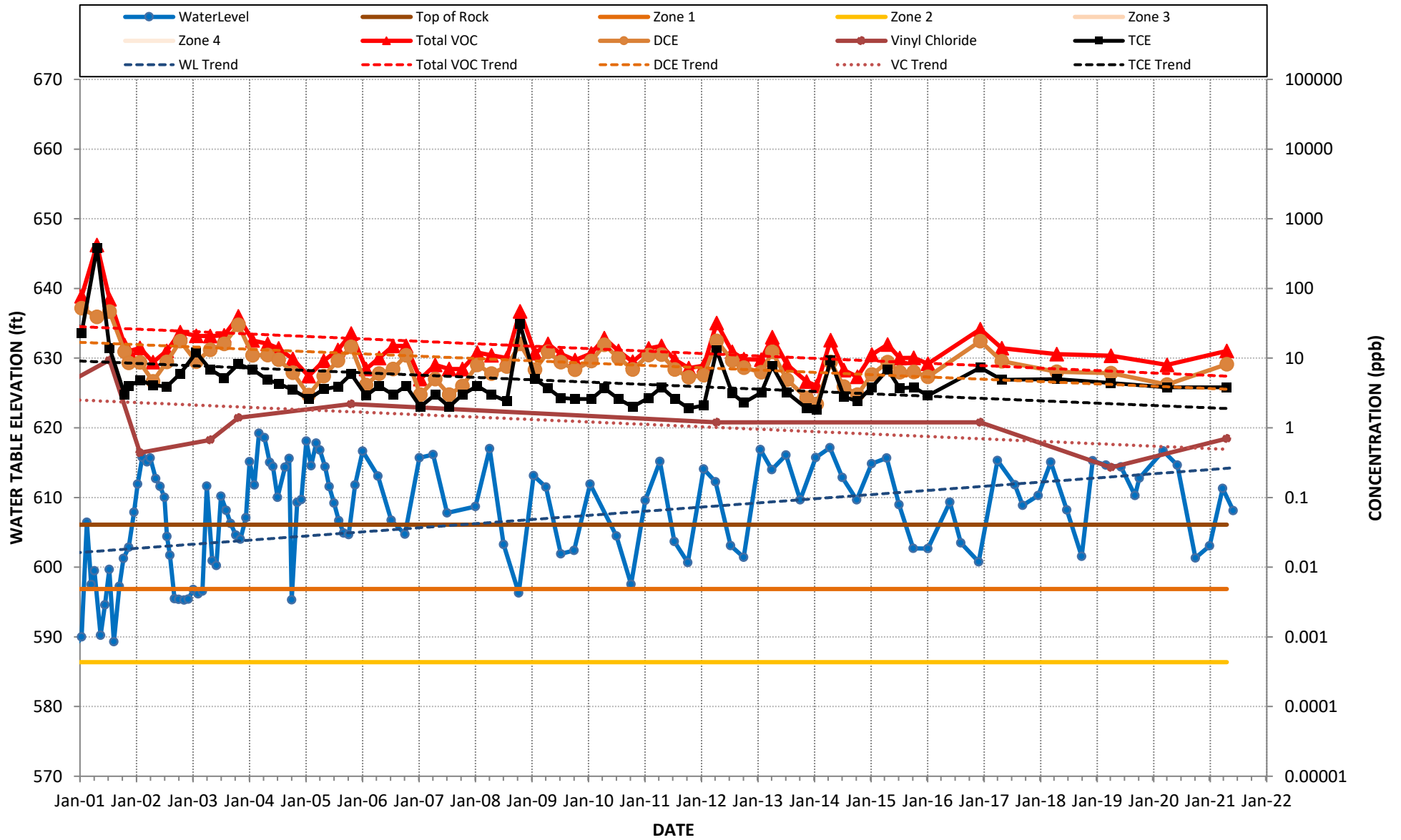


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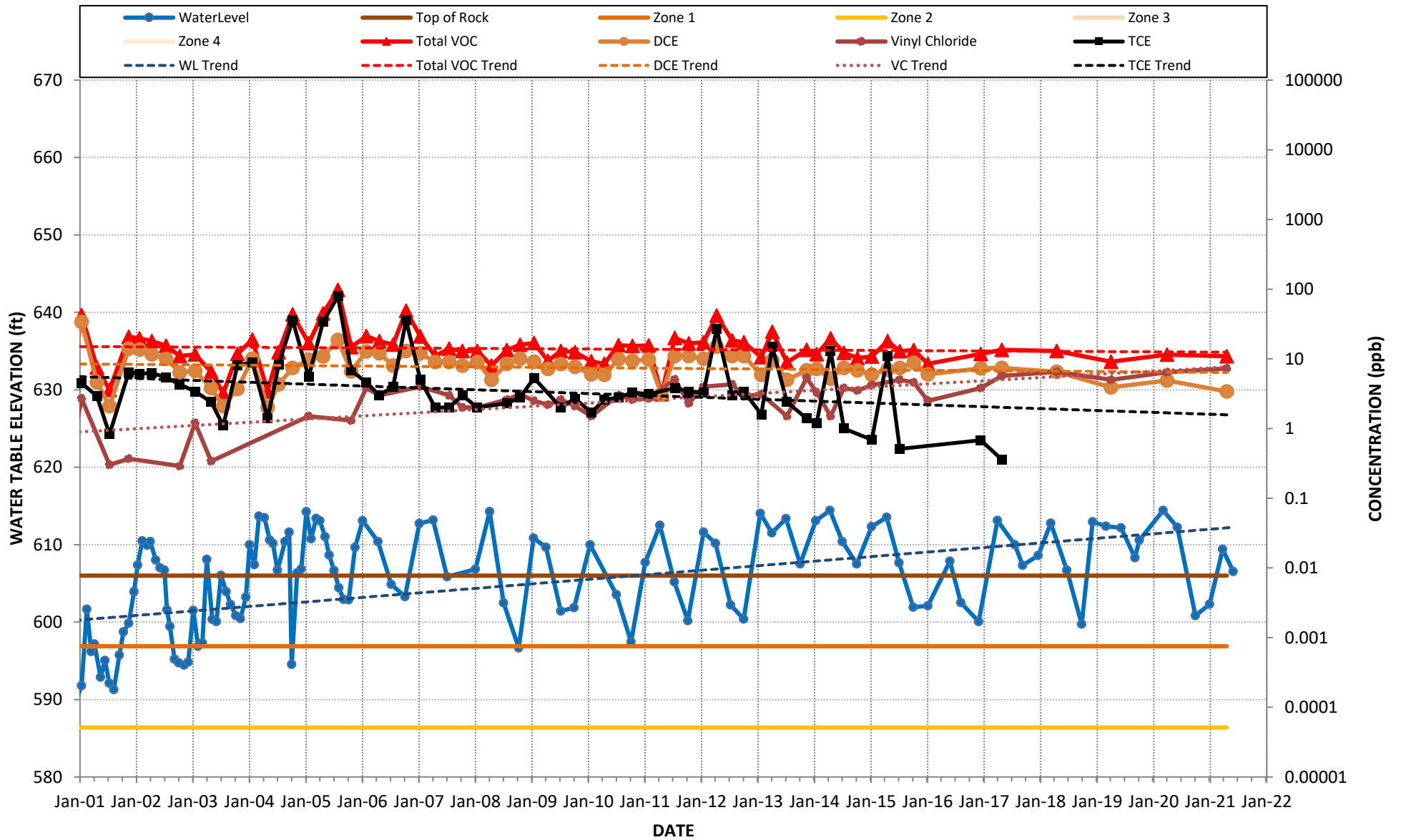


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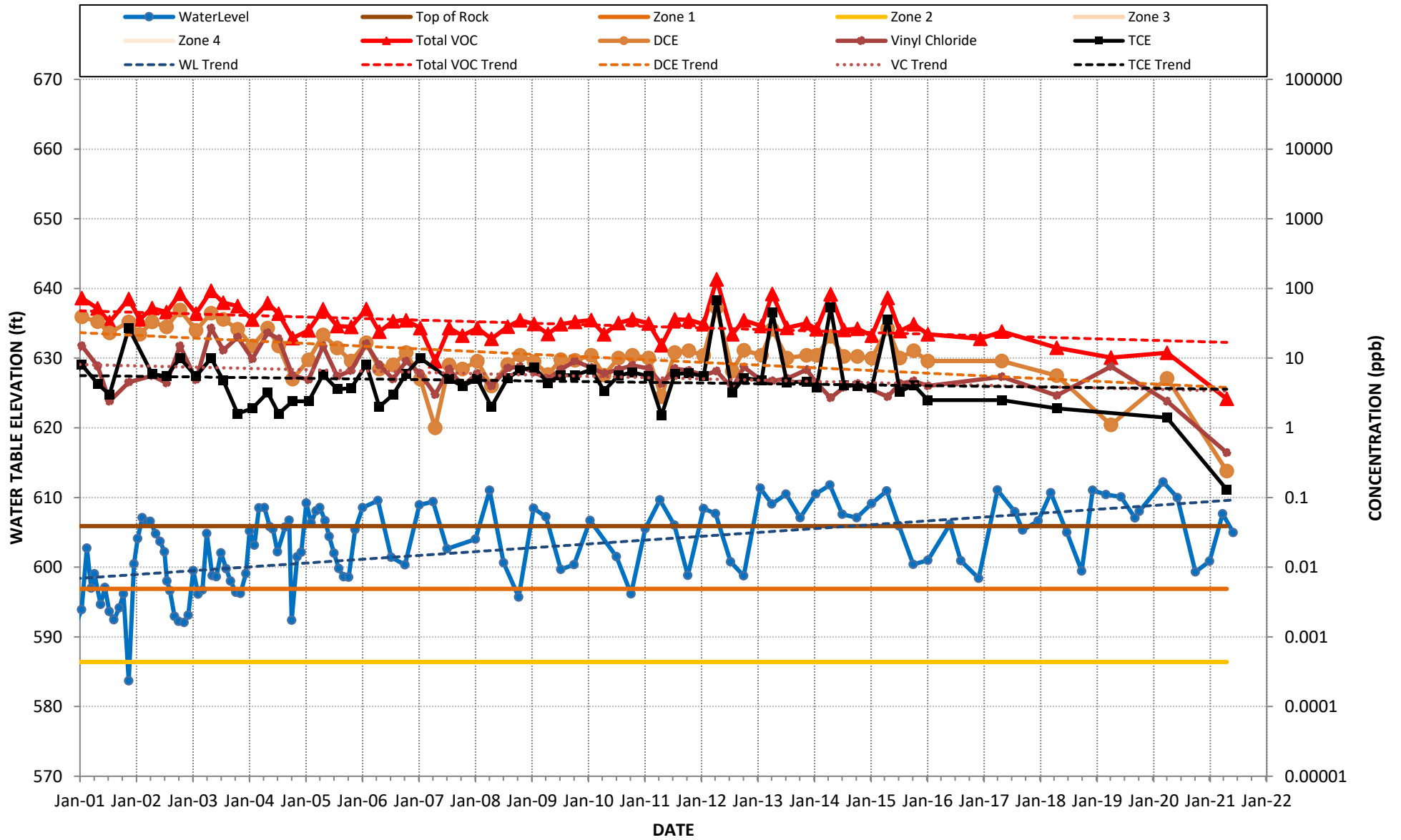


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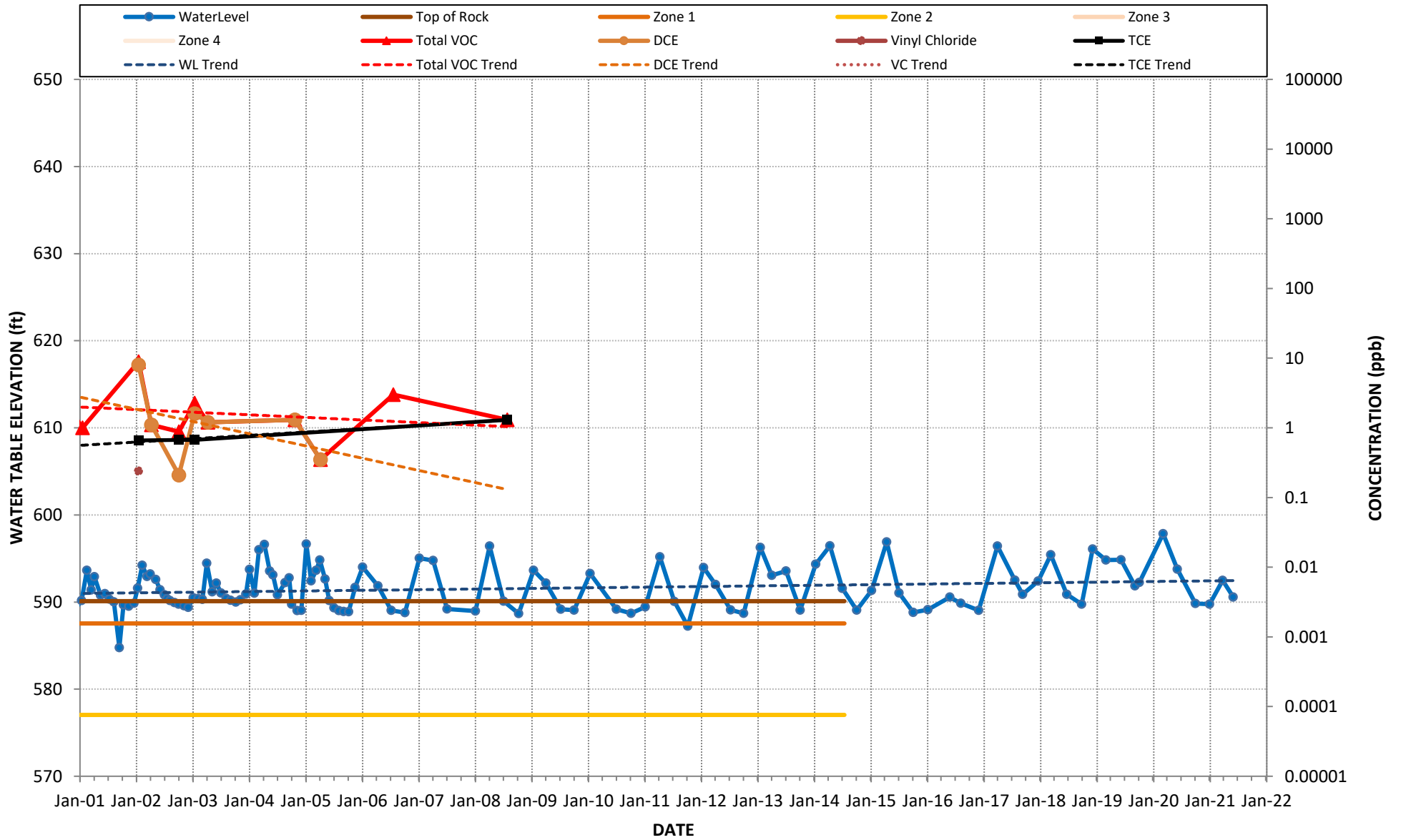


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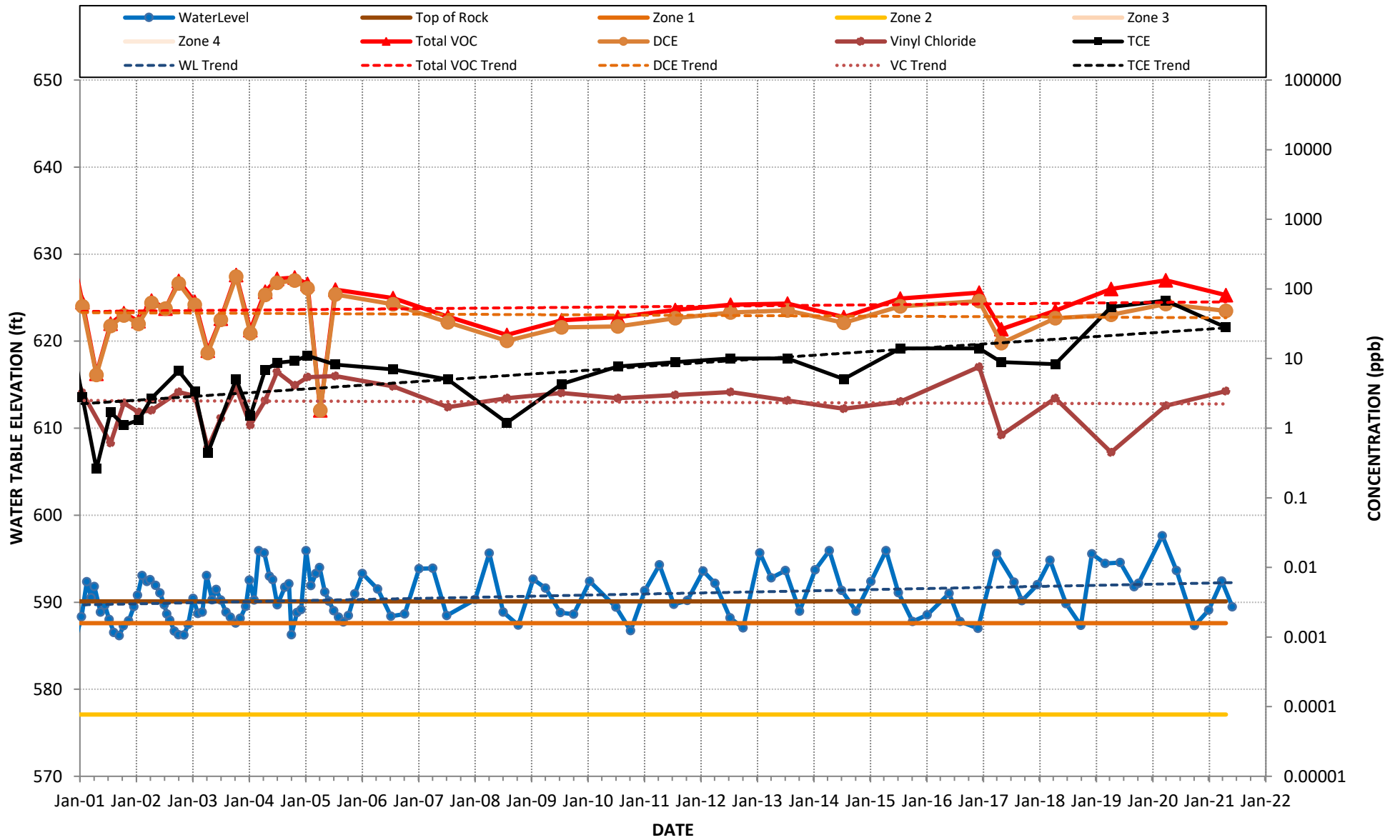


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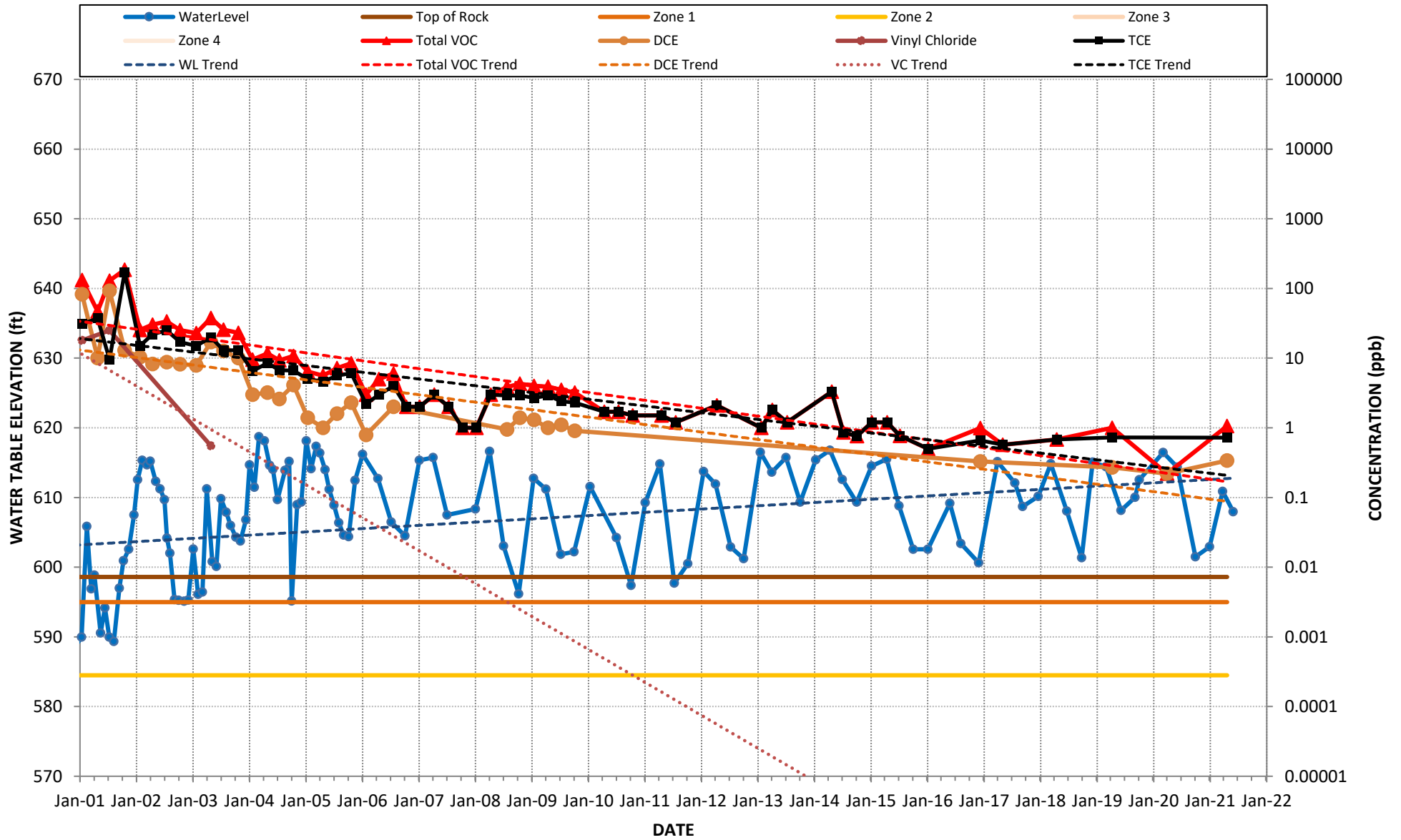
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B-46M



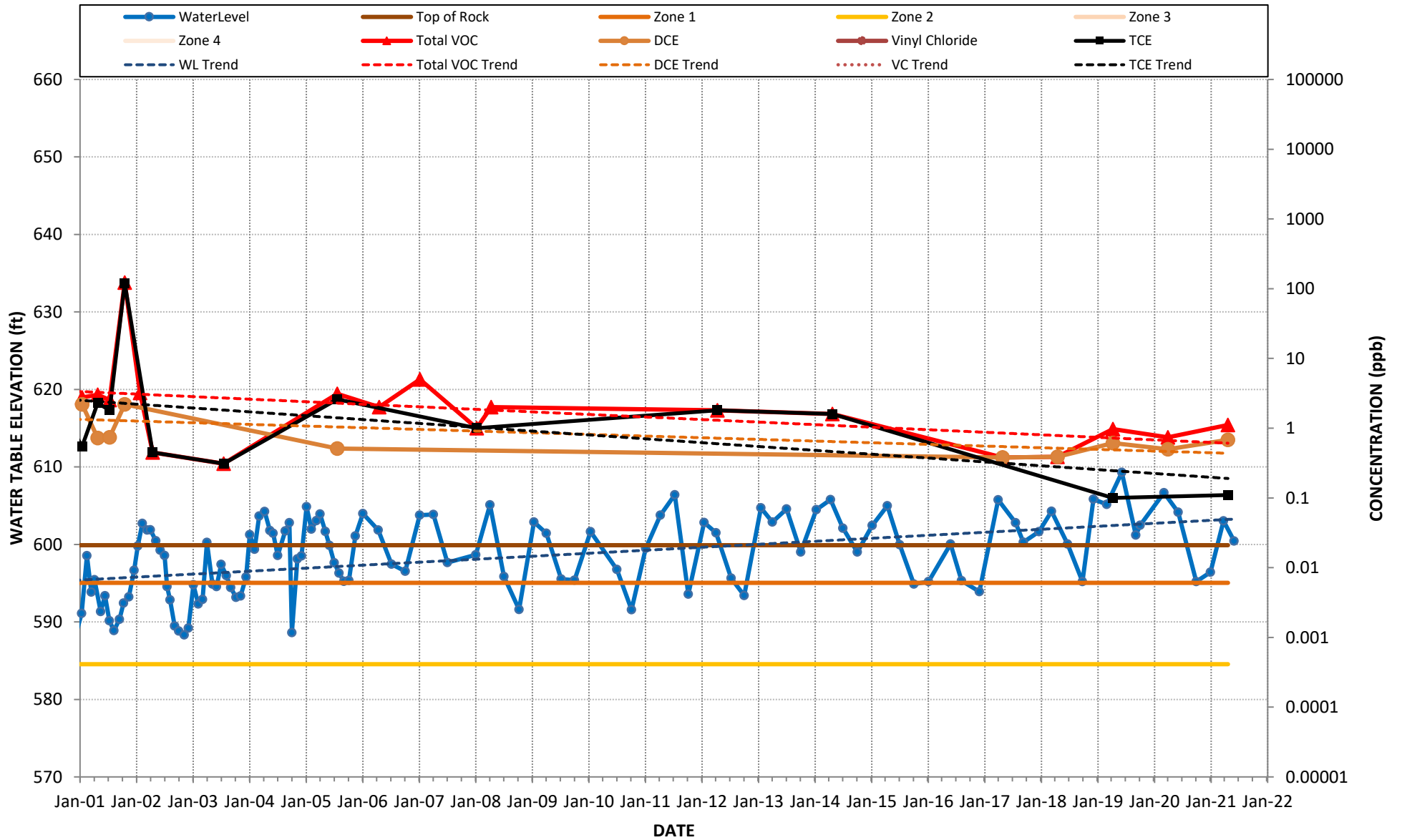
WATER LEVELS & CHLORINATED SOLVENT CONCENTRATIONS

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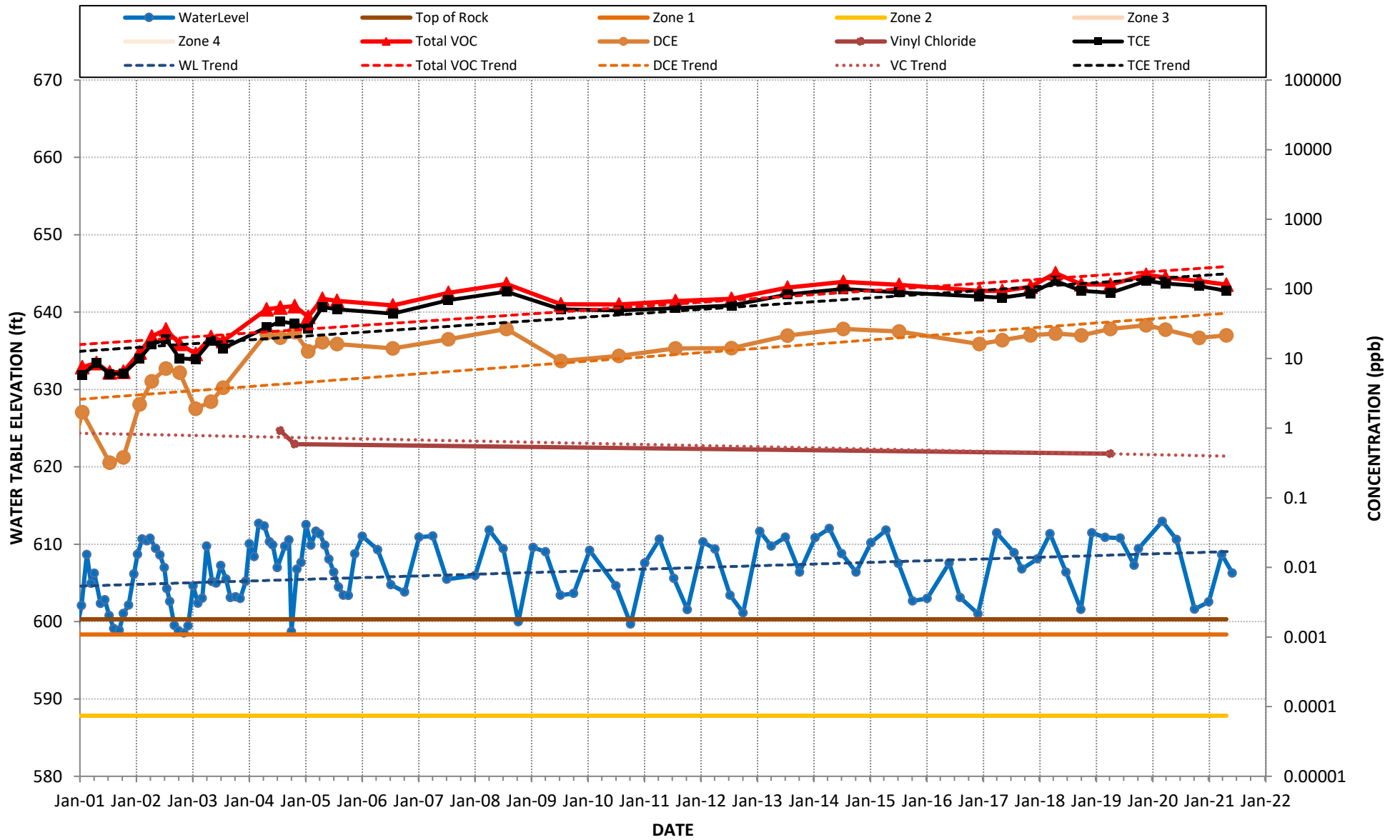


WATER LEVELS & CHLORINATED SOLVENT CONCENTRATIONS

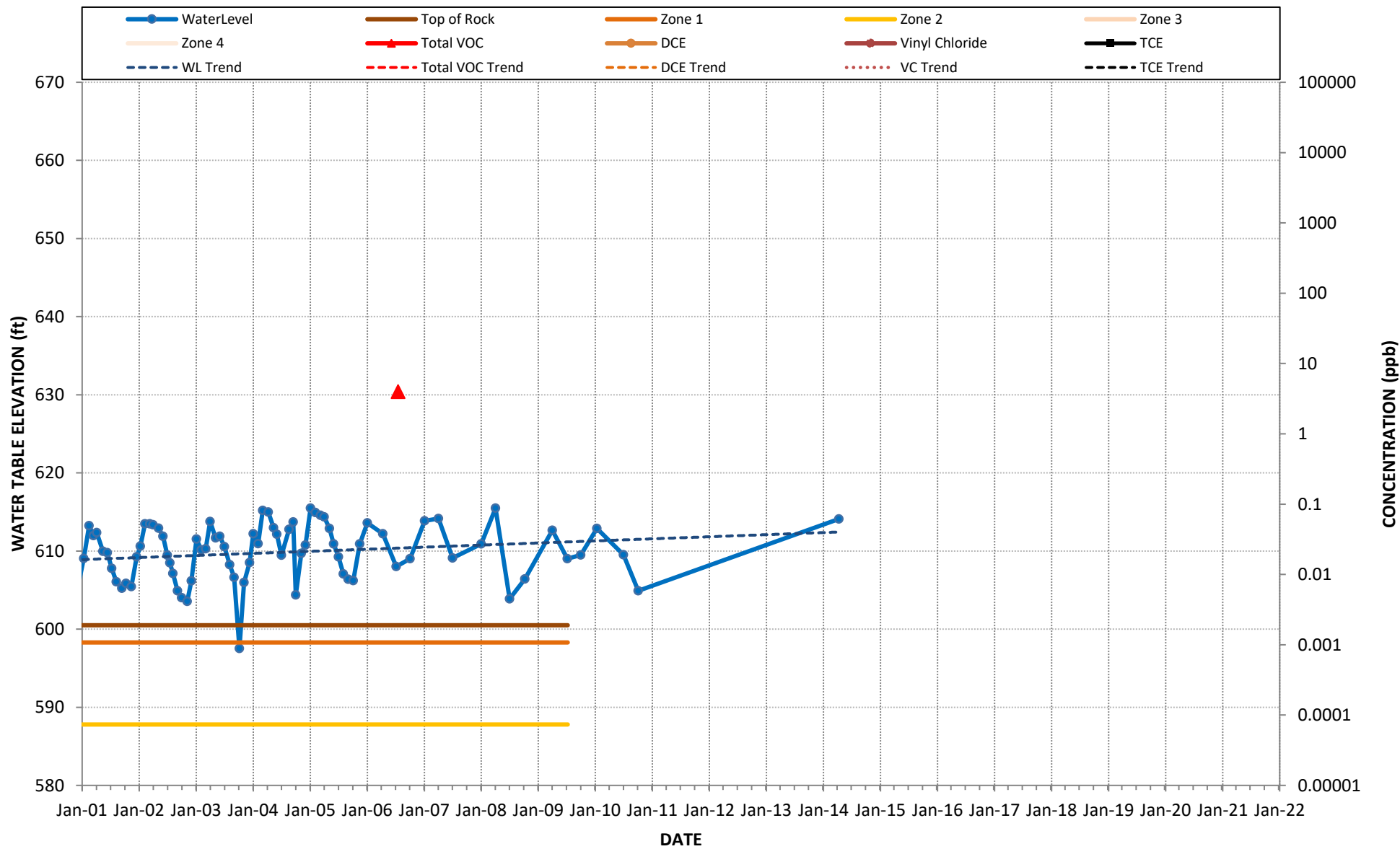
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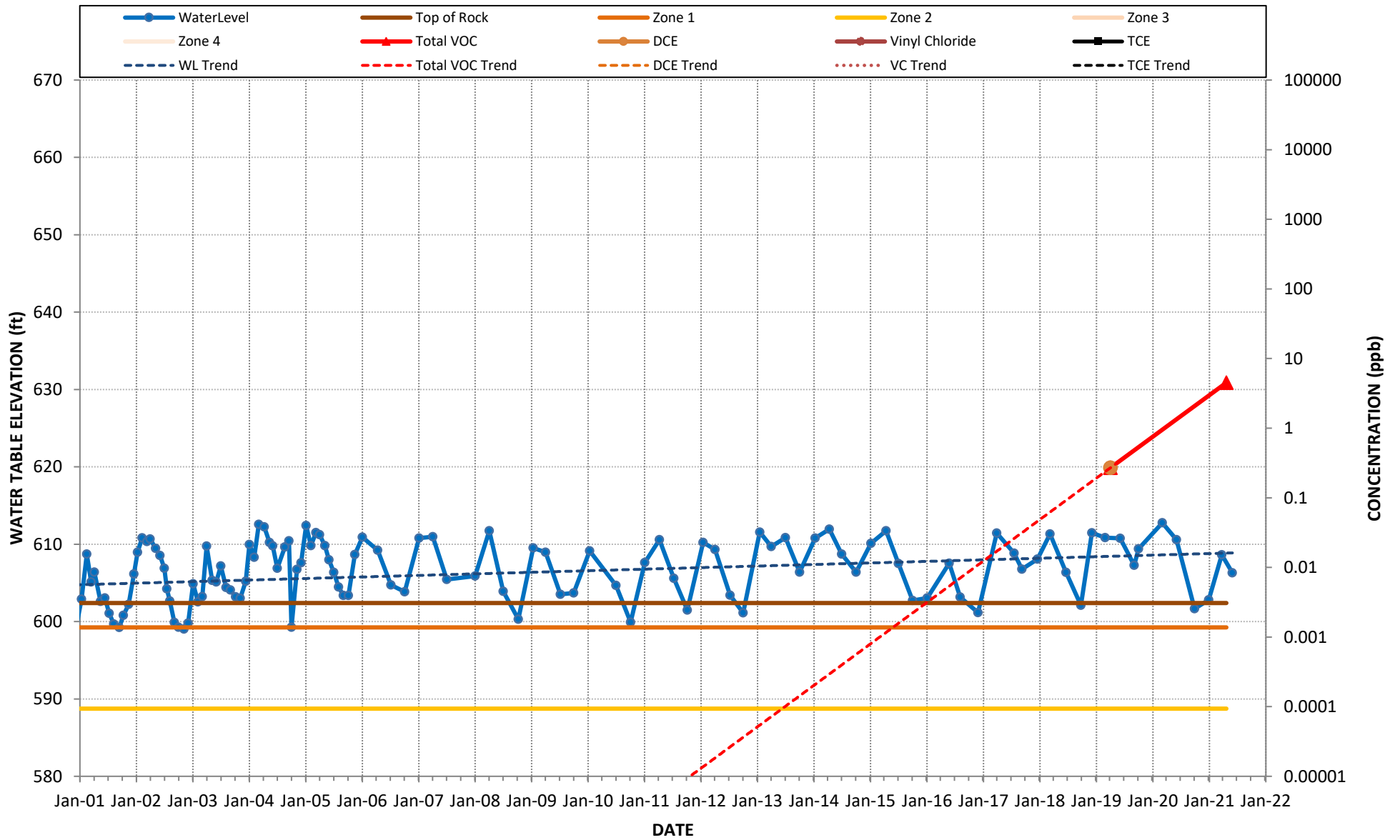
WATER LEVELS & CHLORINATED SOLVENT CONCENTRATIONS B-50M



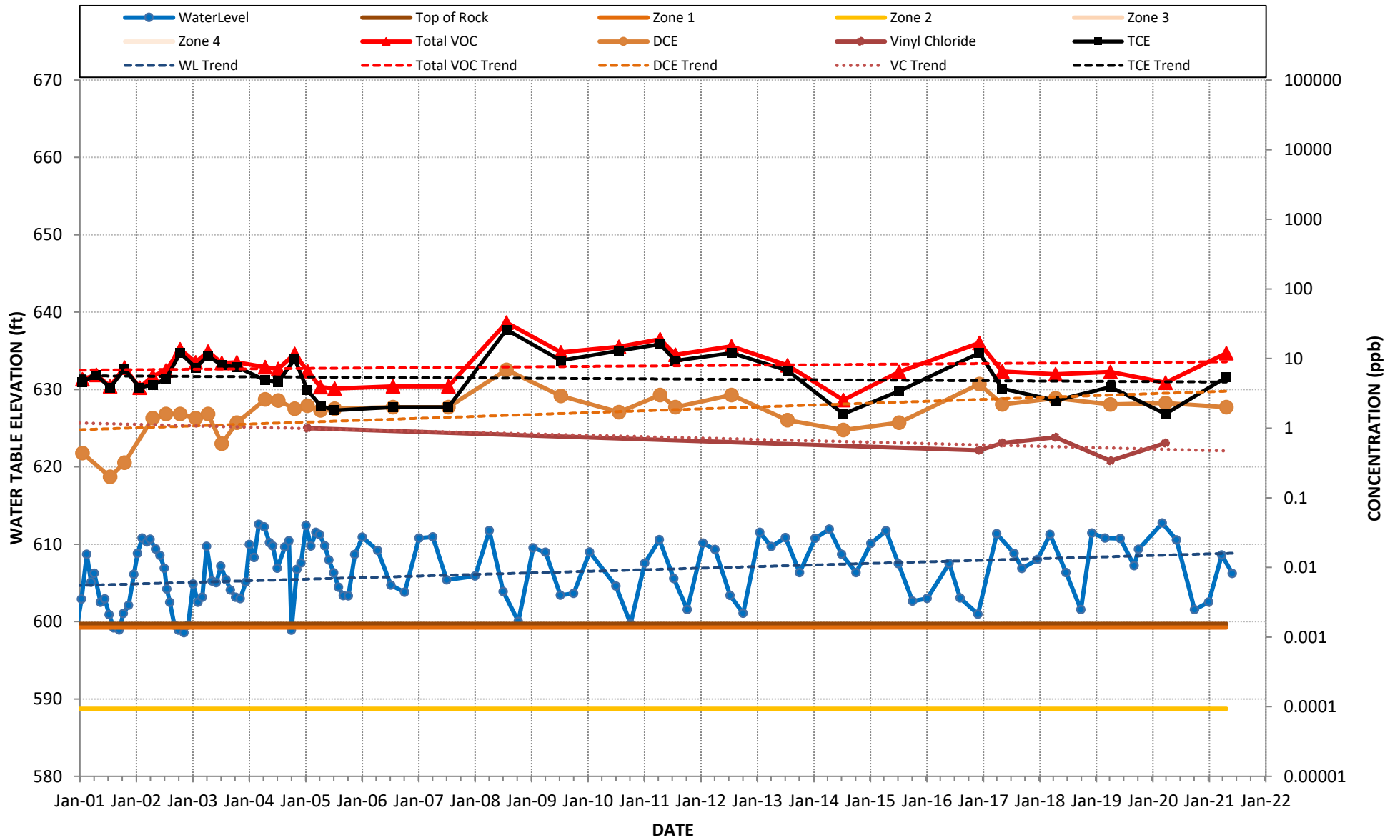
WATER LEVELS & CHLORINATED SOLVENT CONCENTRATIONS
B-51M



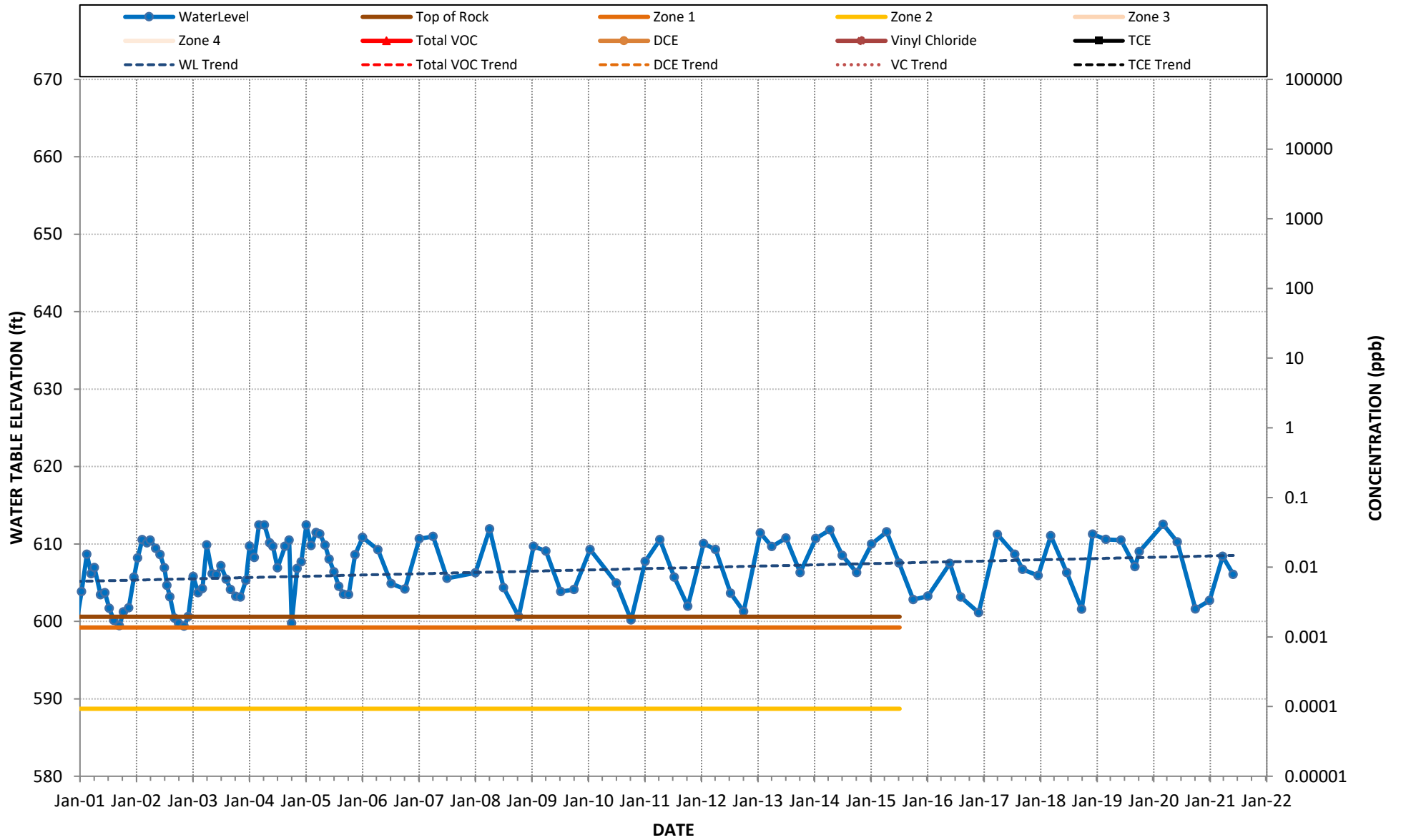
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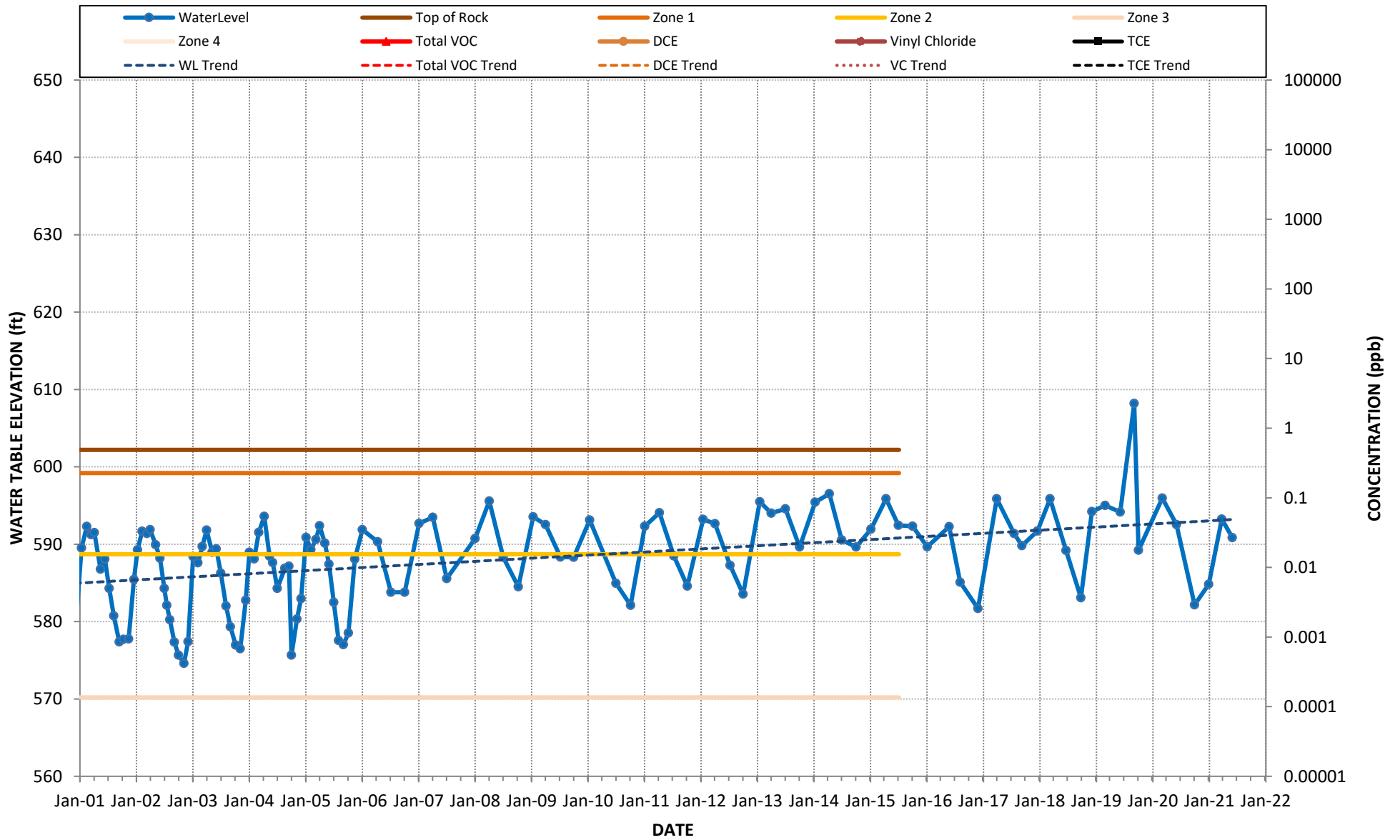
WATER LEVELS & CHLORINATED SOLVENT CONCENTRATIONS B-53M



WATER LEVELS & CHLORINATED SOLVENT CONCENTRATIONS B-54M

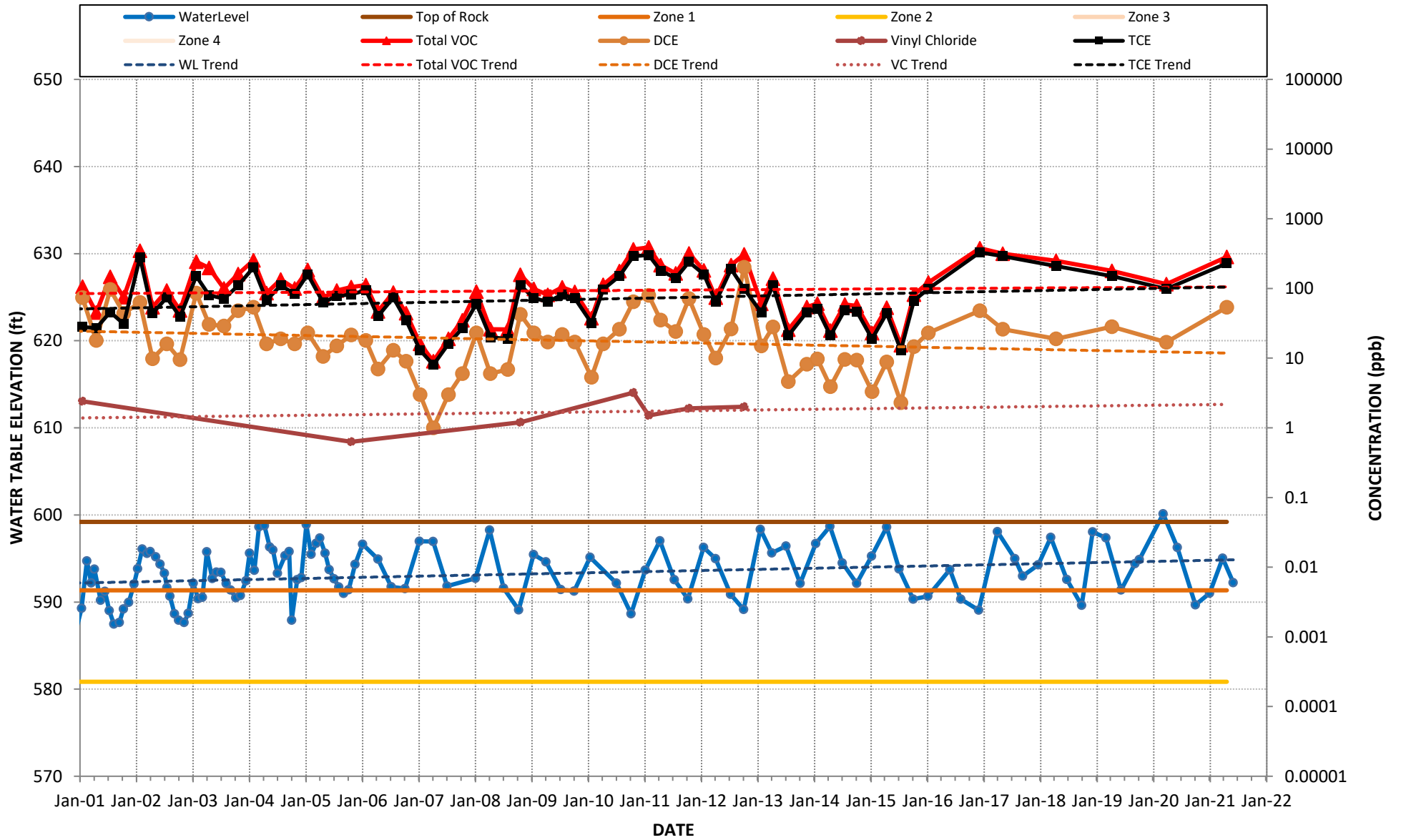


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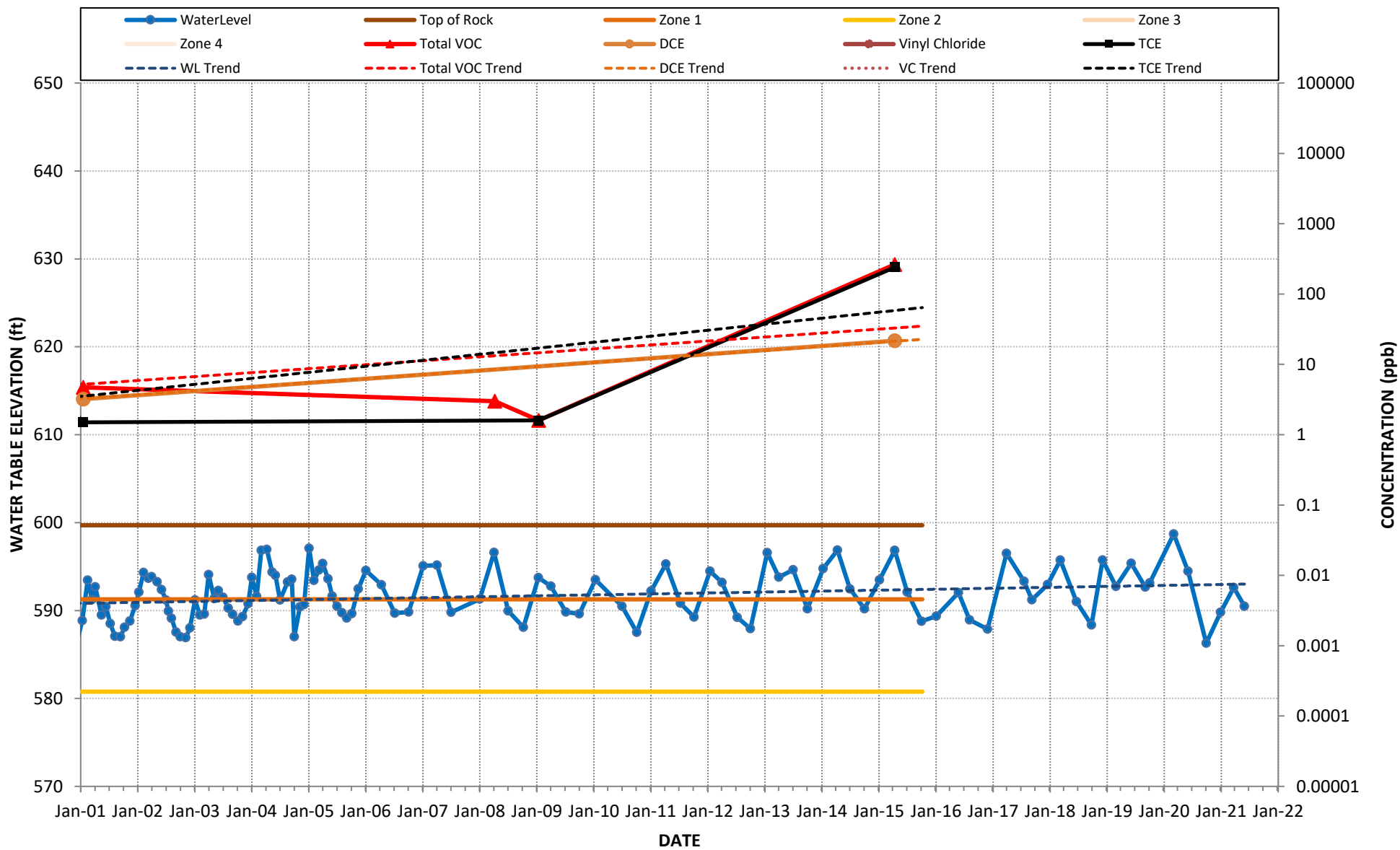


WATER LEVELS & CHLORINATED SOLVENT CONCENTRATIONS

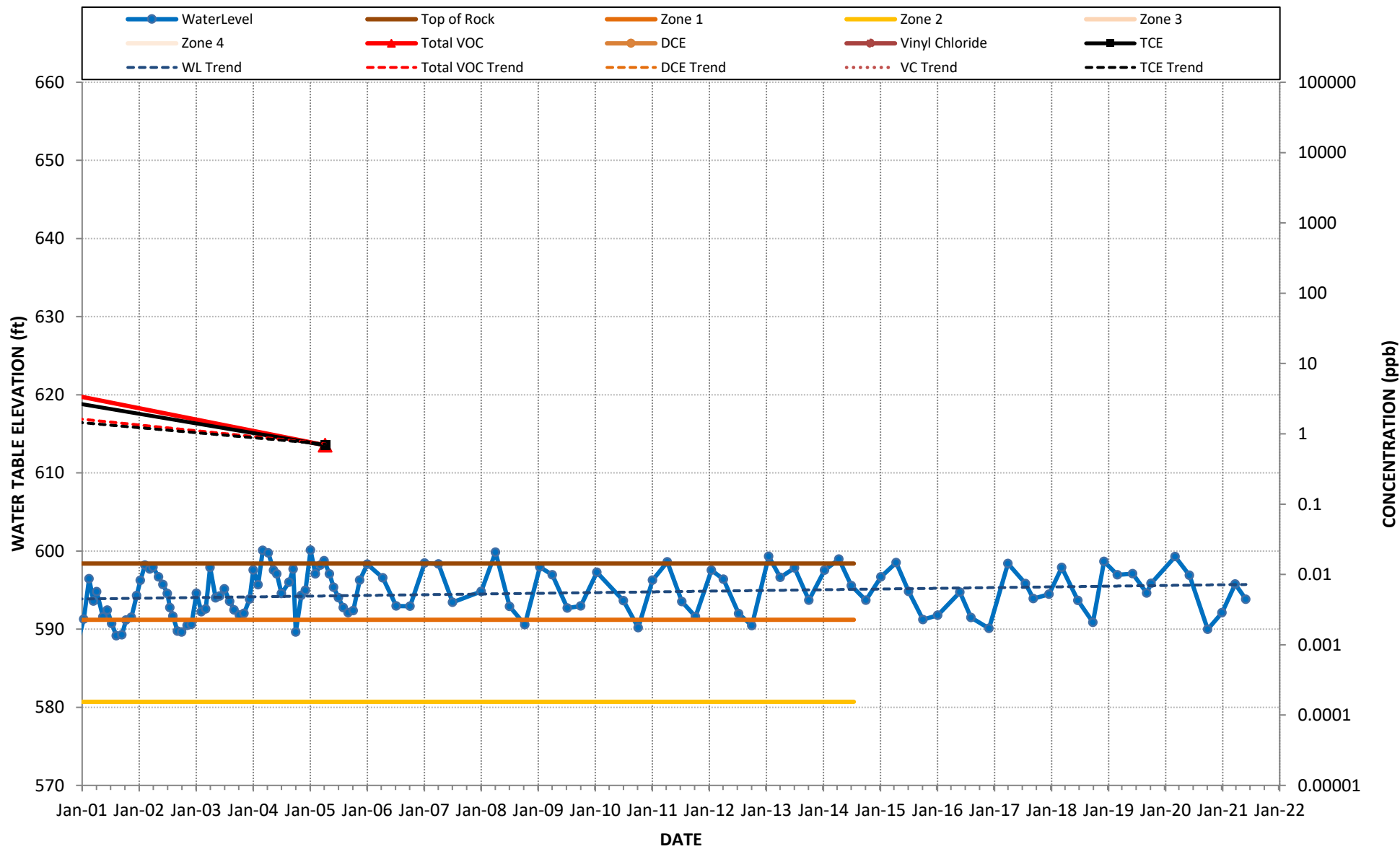
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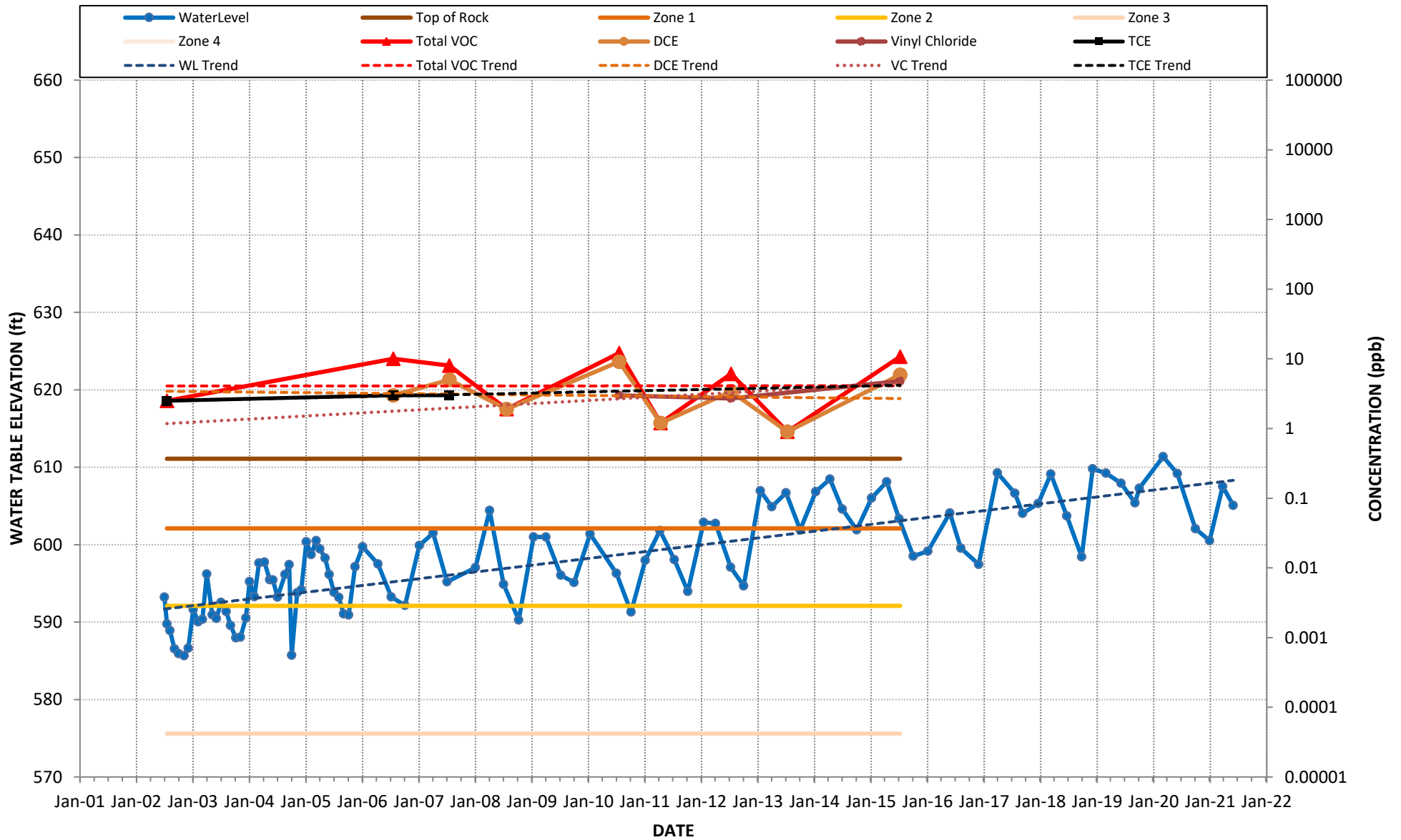
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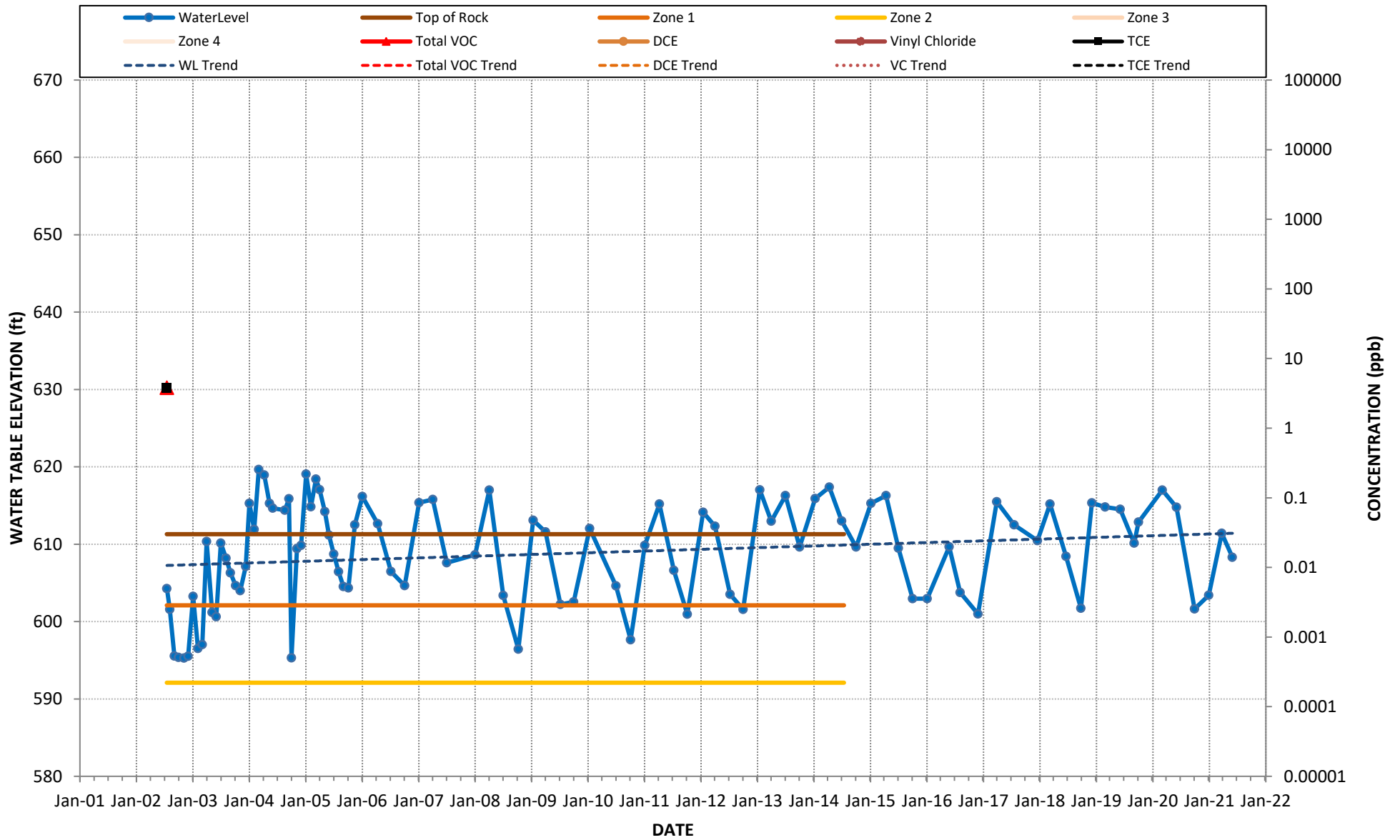
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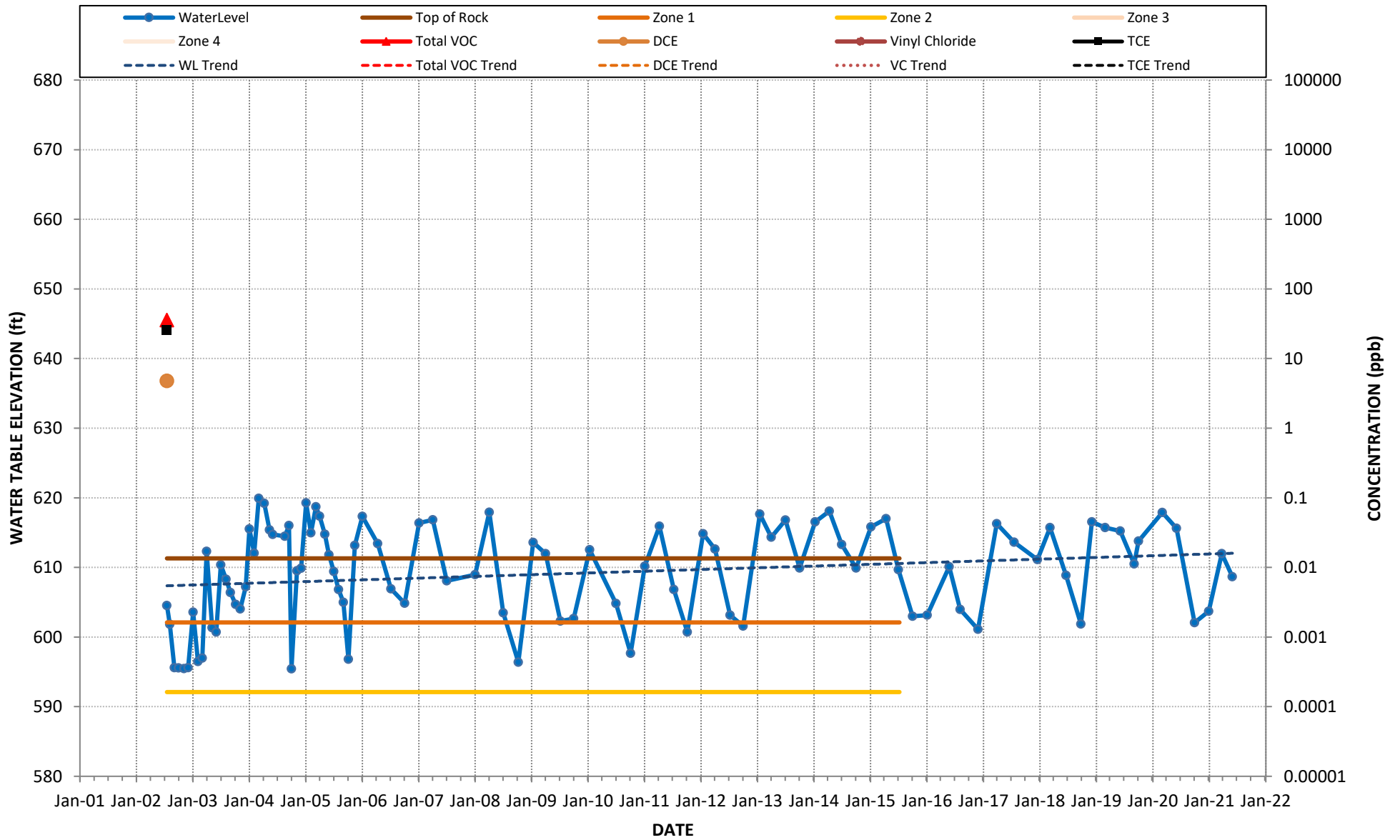
WATER LEVELS & CHLORINATED SOLVENT CONCENTRATIONS **B-59M**



WATER LEVELS & CHLORINATED SOLVENT CONCENTRATIONS B-60M

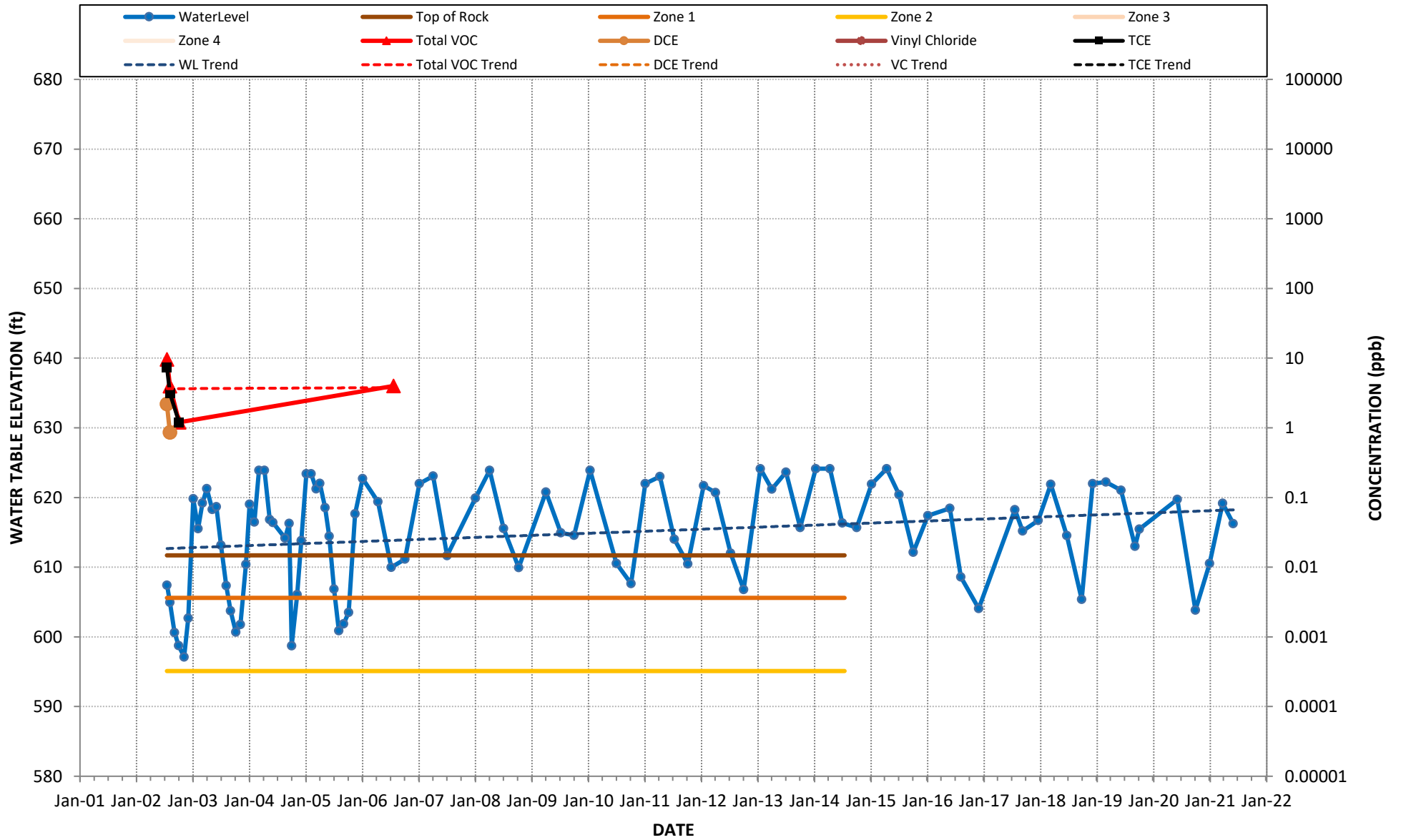


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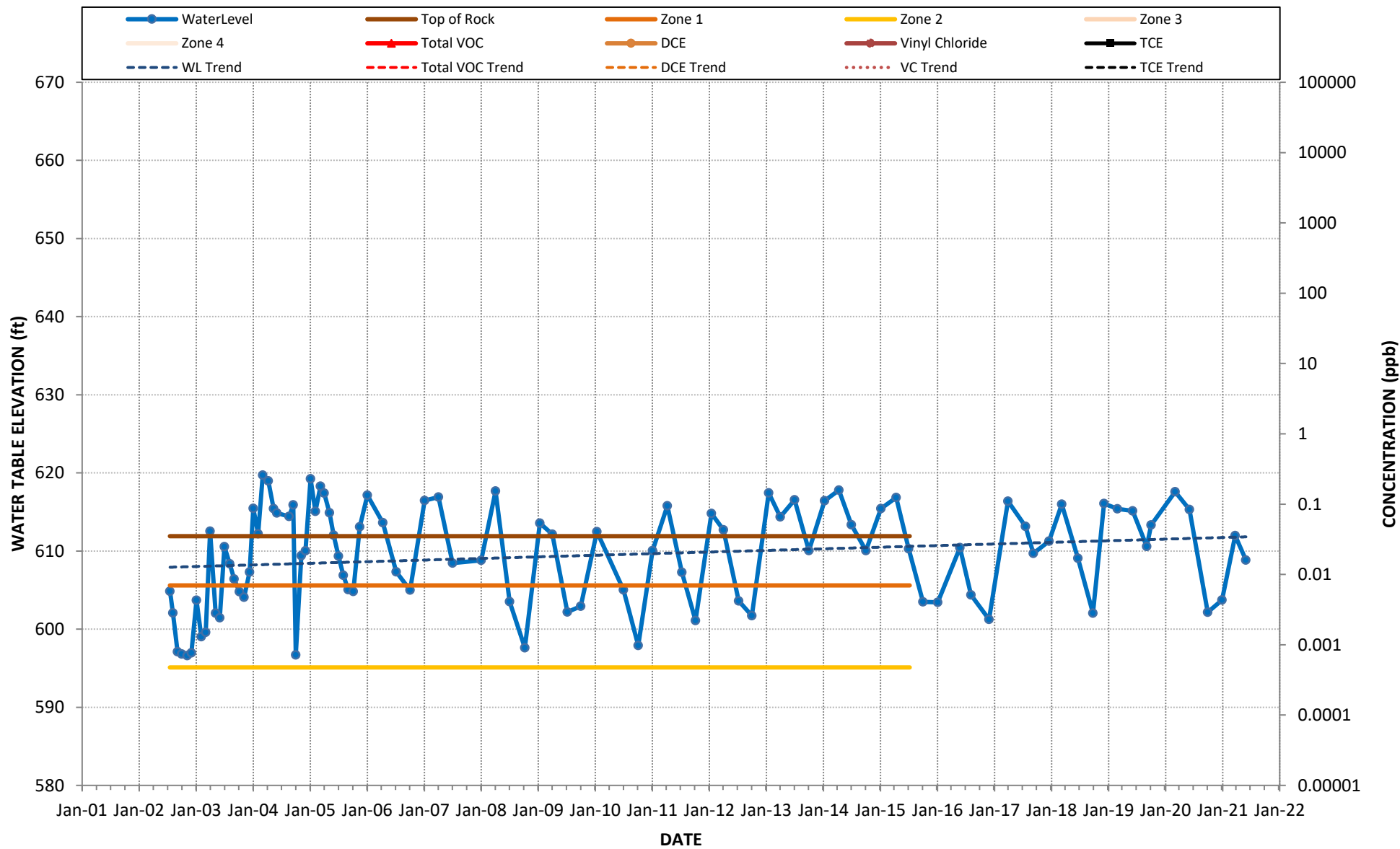


WATER LEVELS & CHLORINATED SOLVENT CONCENTRATIONS

B-62M

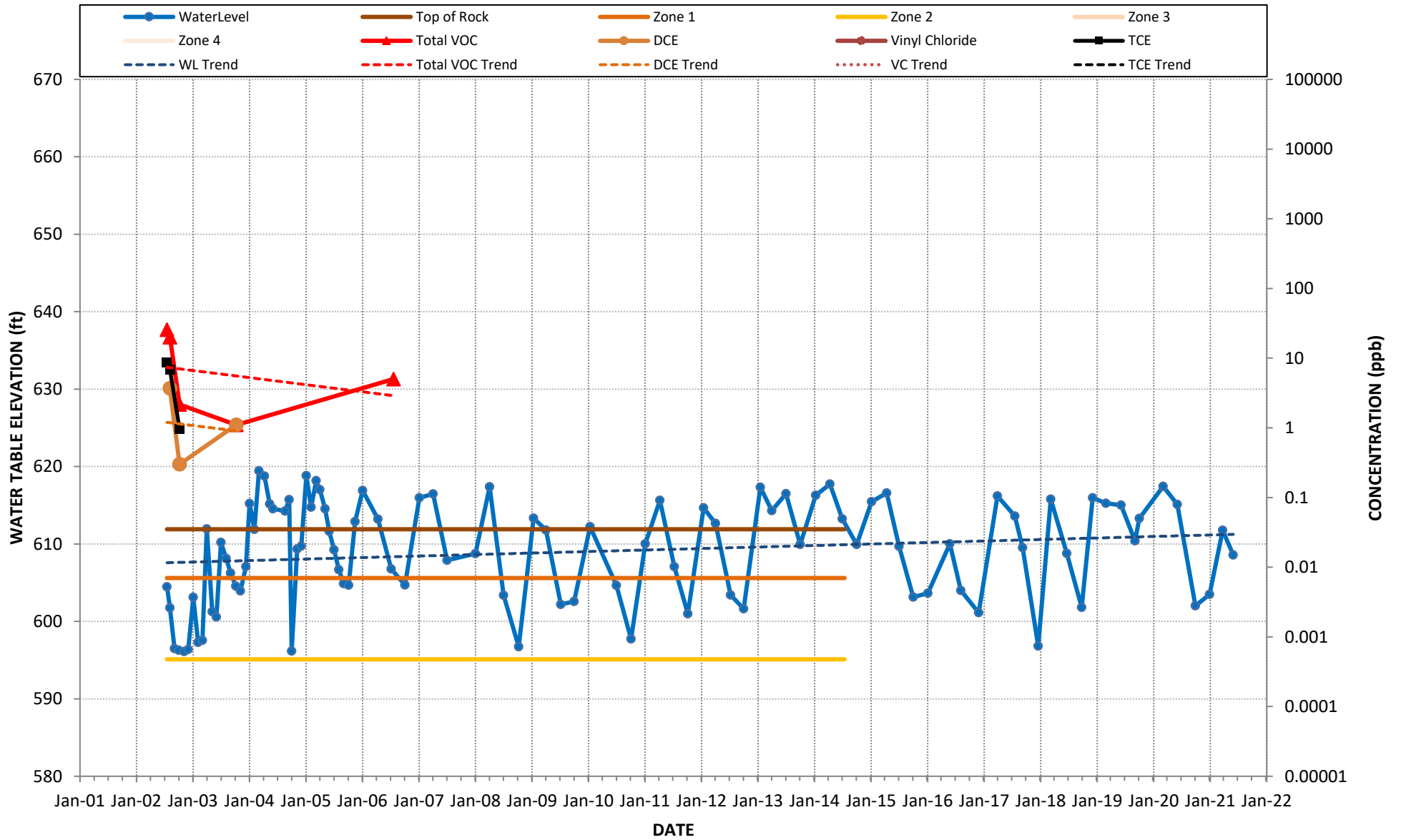


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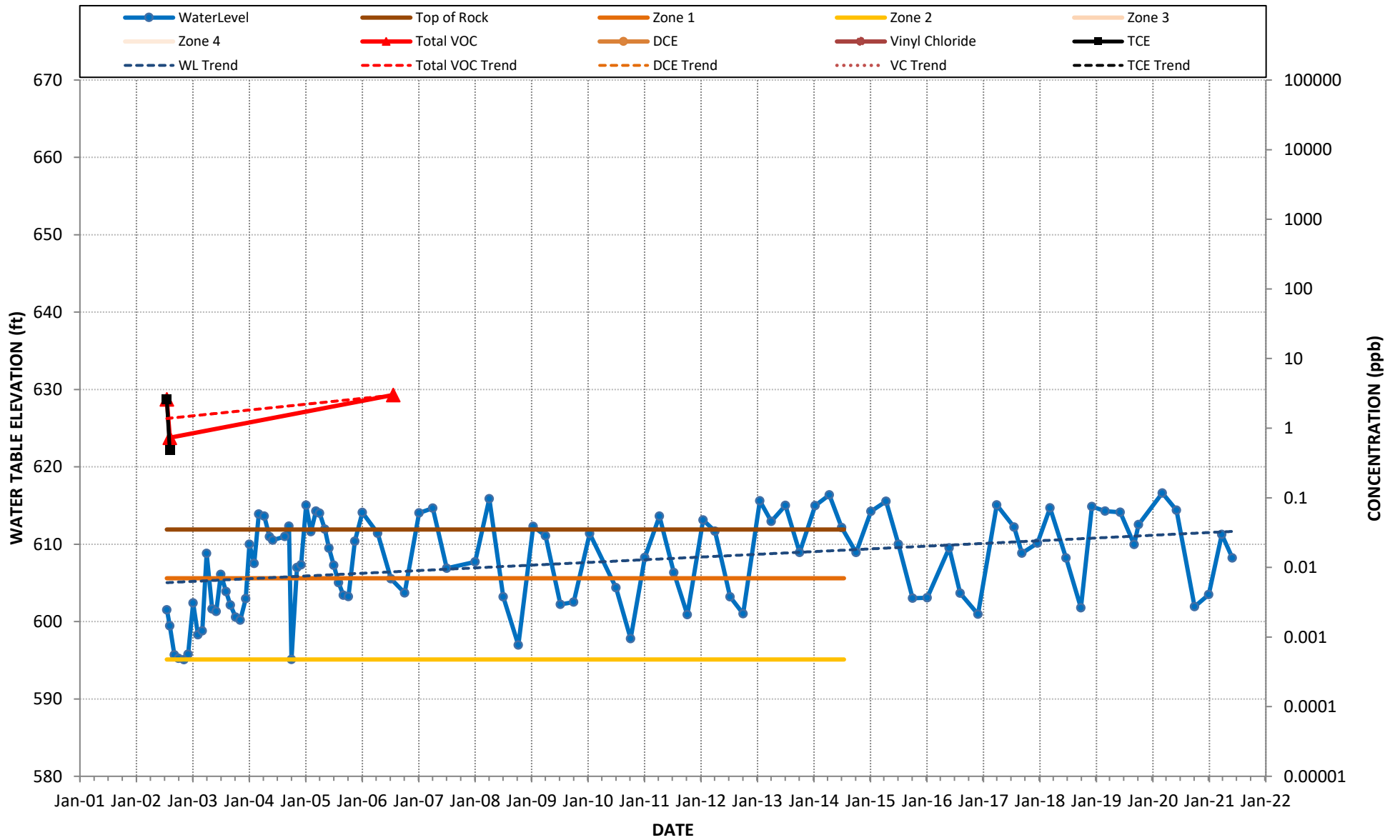


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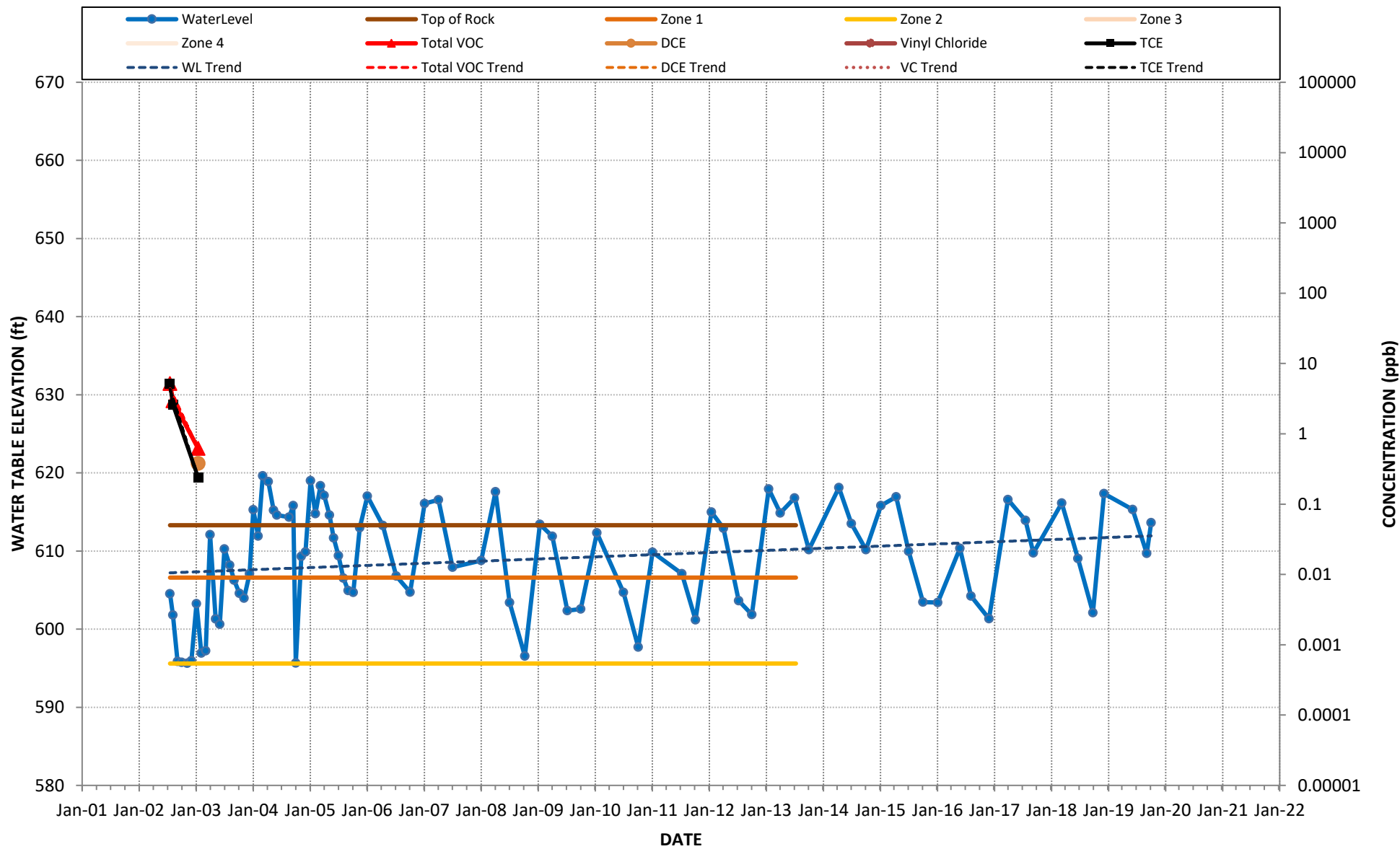
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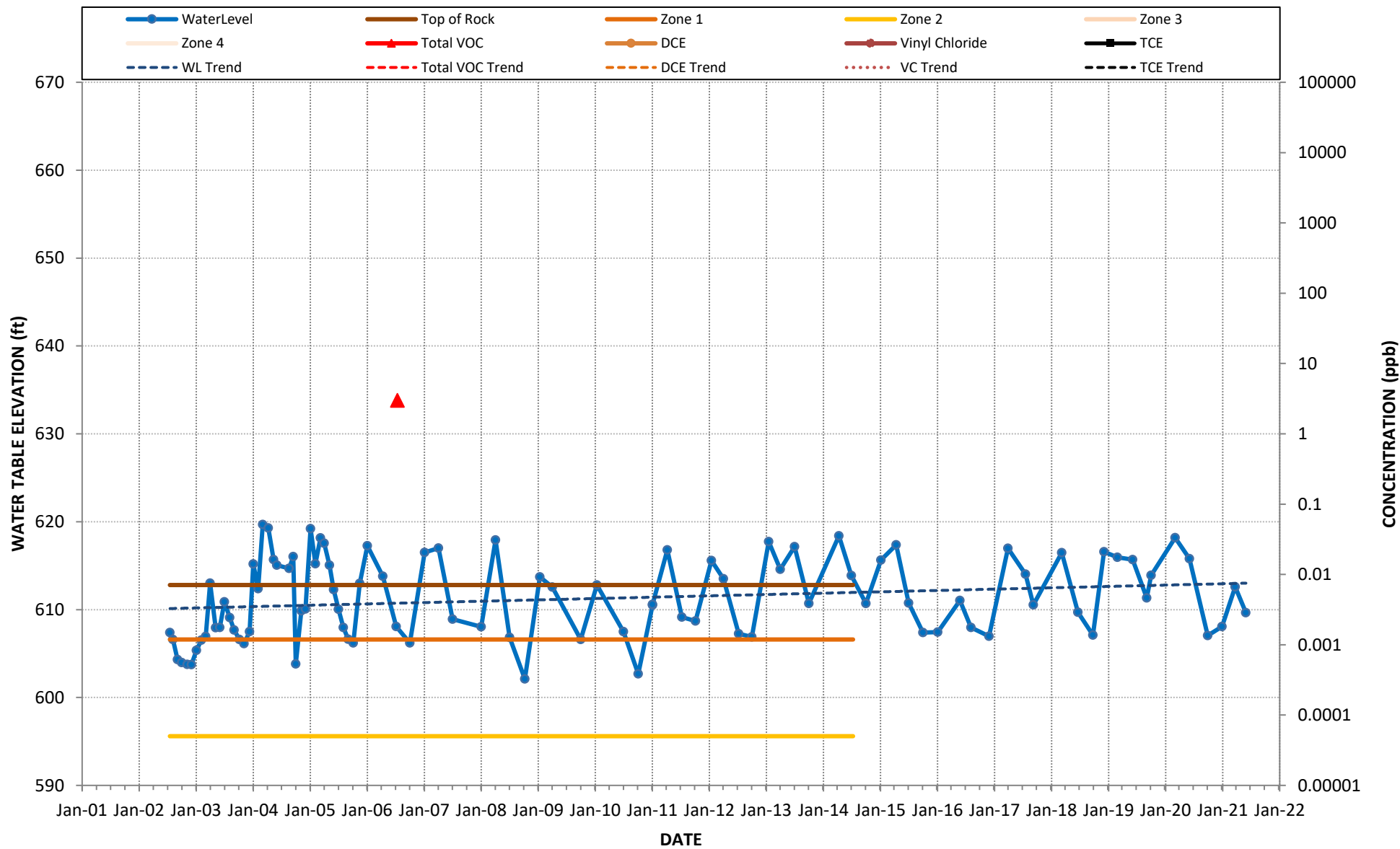
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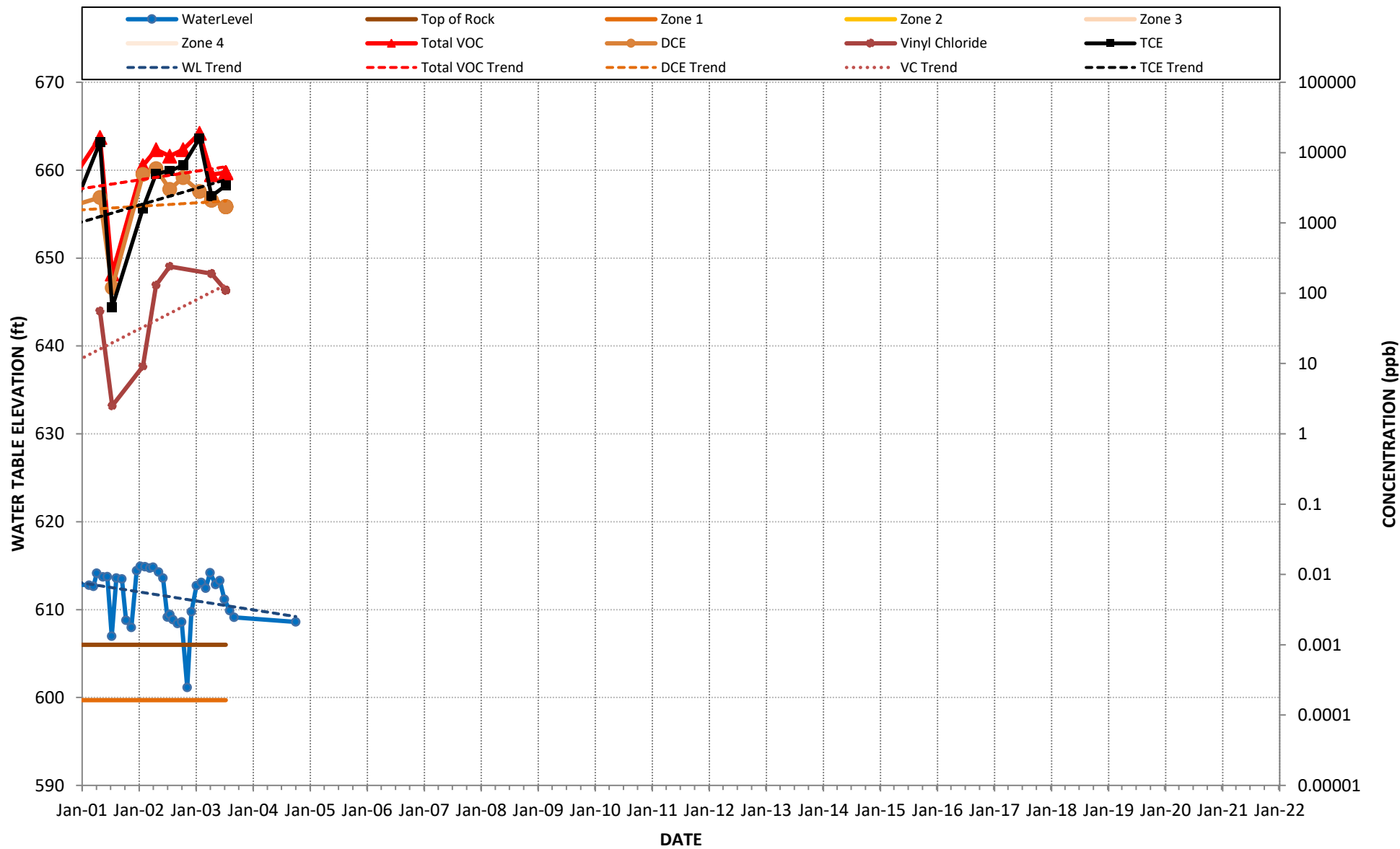
WATER LEVELS & CHLORINATED SOLVENT CONCENTRATIONS
B-66M



WATER LEVELS & CHLORINATED SOLVENT CONCENTRATIONS
B-67M

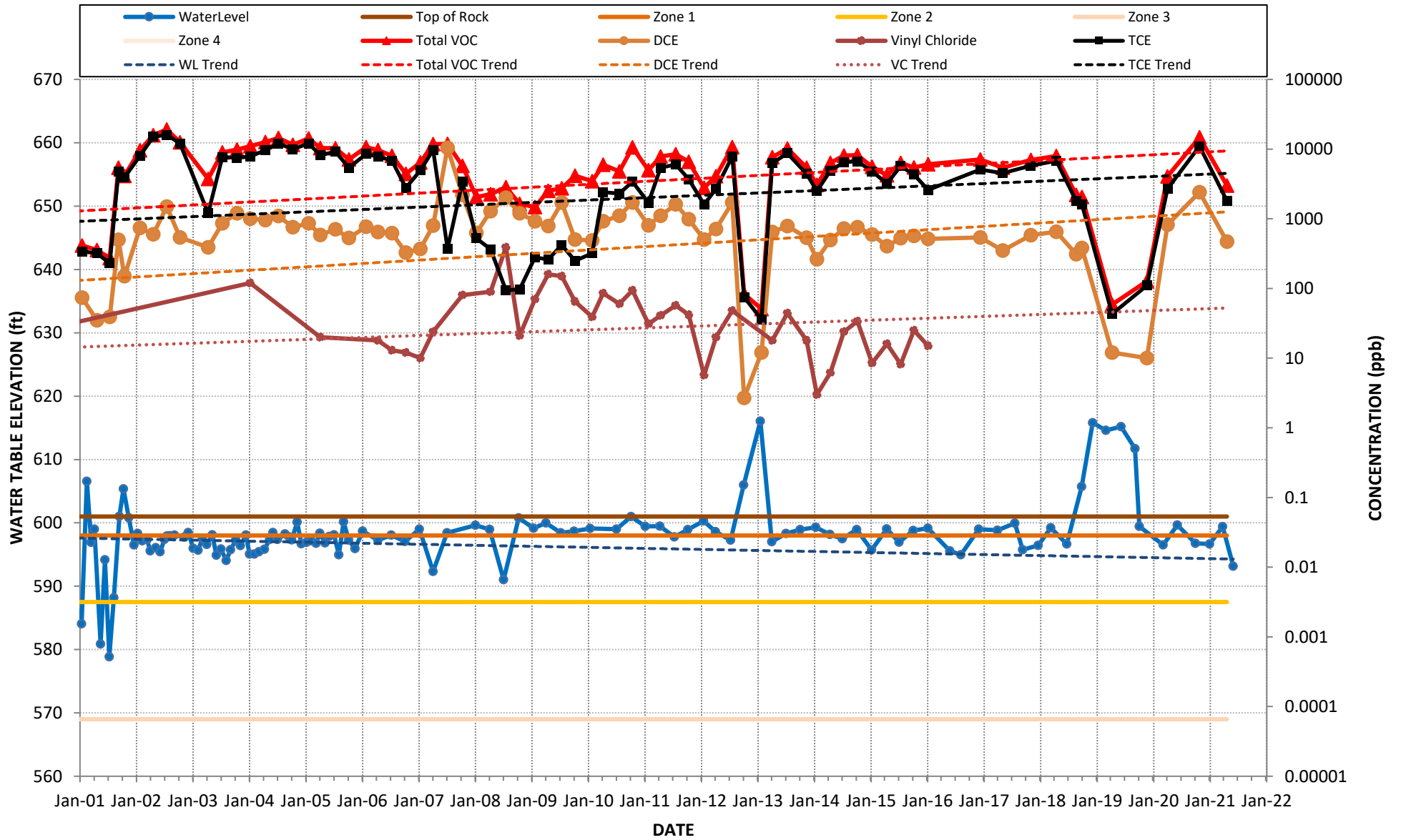


WATER LEVELS & CHLORINATED SOLVENT CONCENTRATIONS
DNAPL SUMP



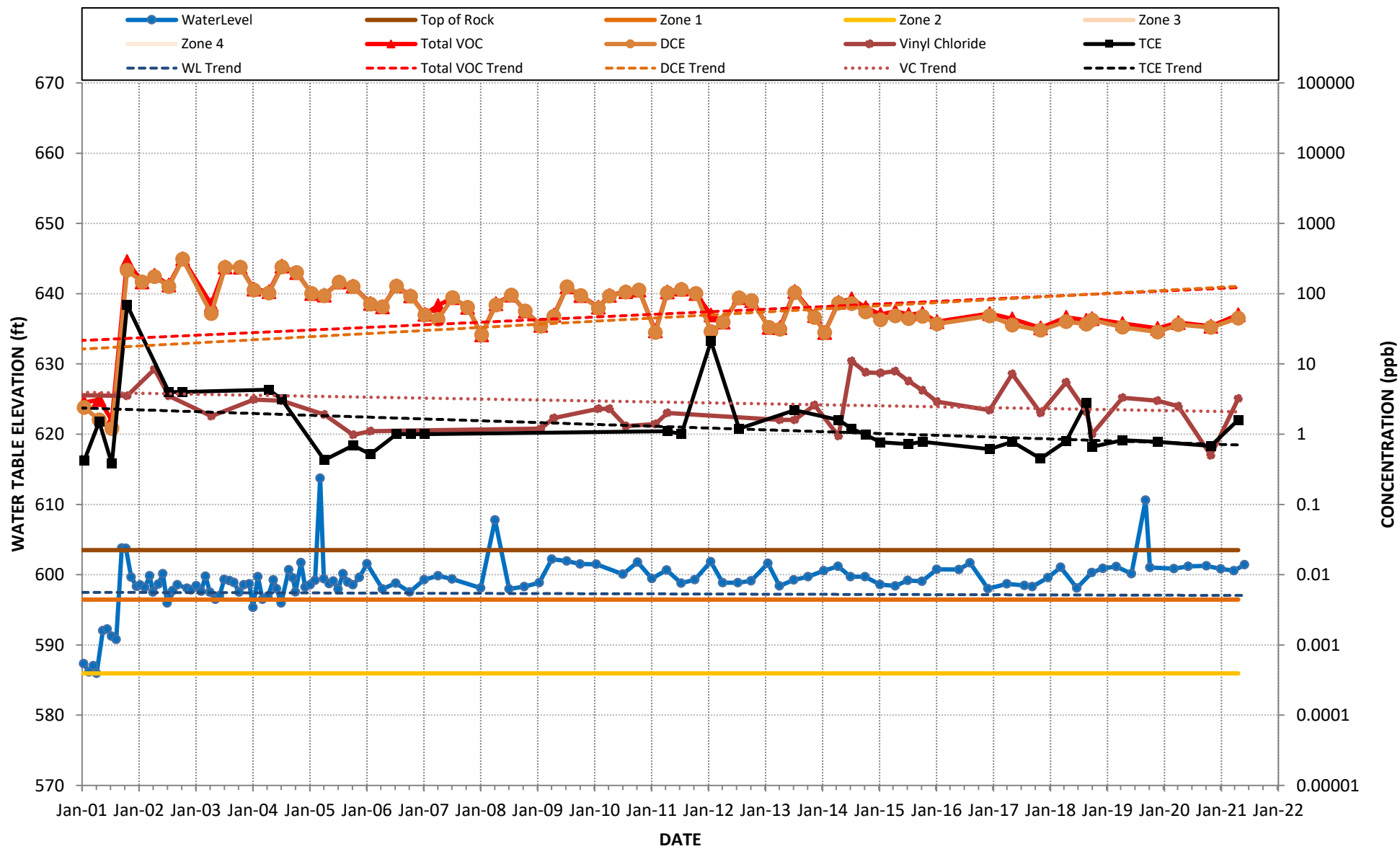
WATER LEVELS & CHLORINATED SOLVENT CONCENTRATIONS

P- 2



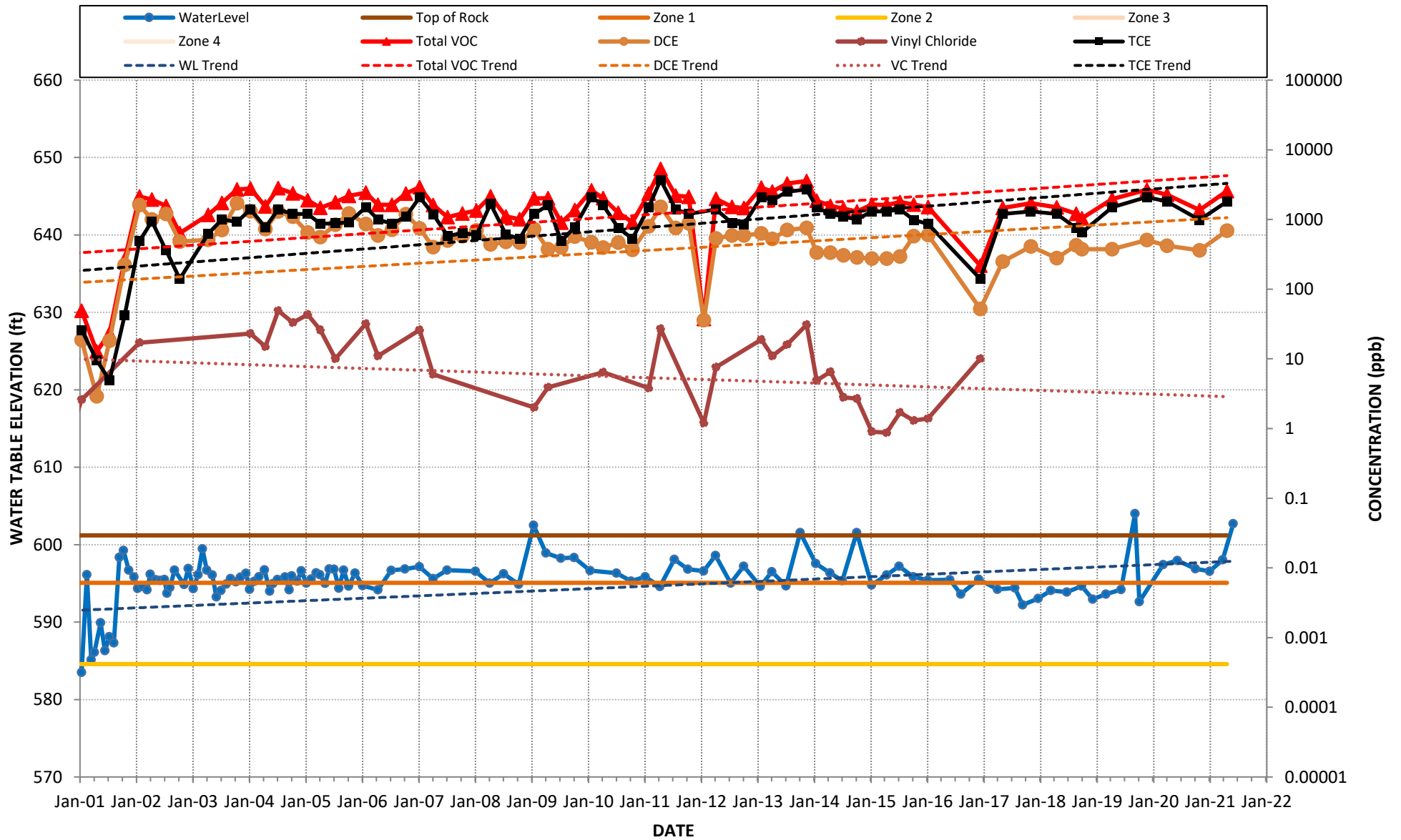
WATER LEVELS & CHLORINATED SOLVENT CONCENTRATIONS

P- 3



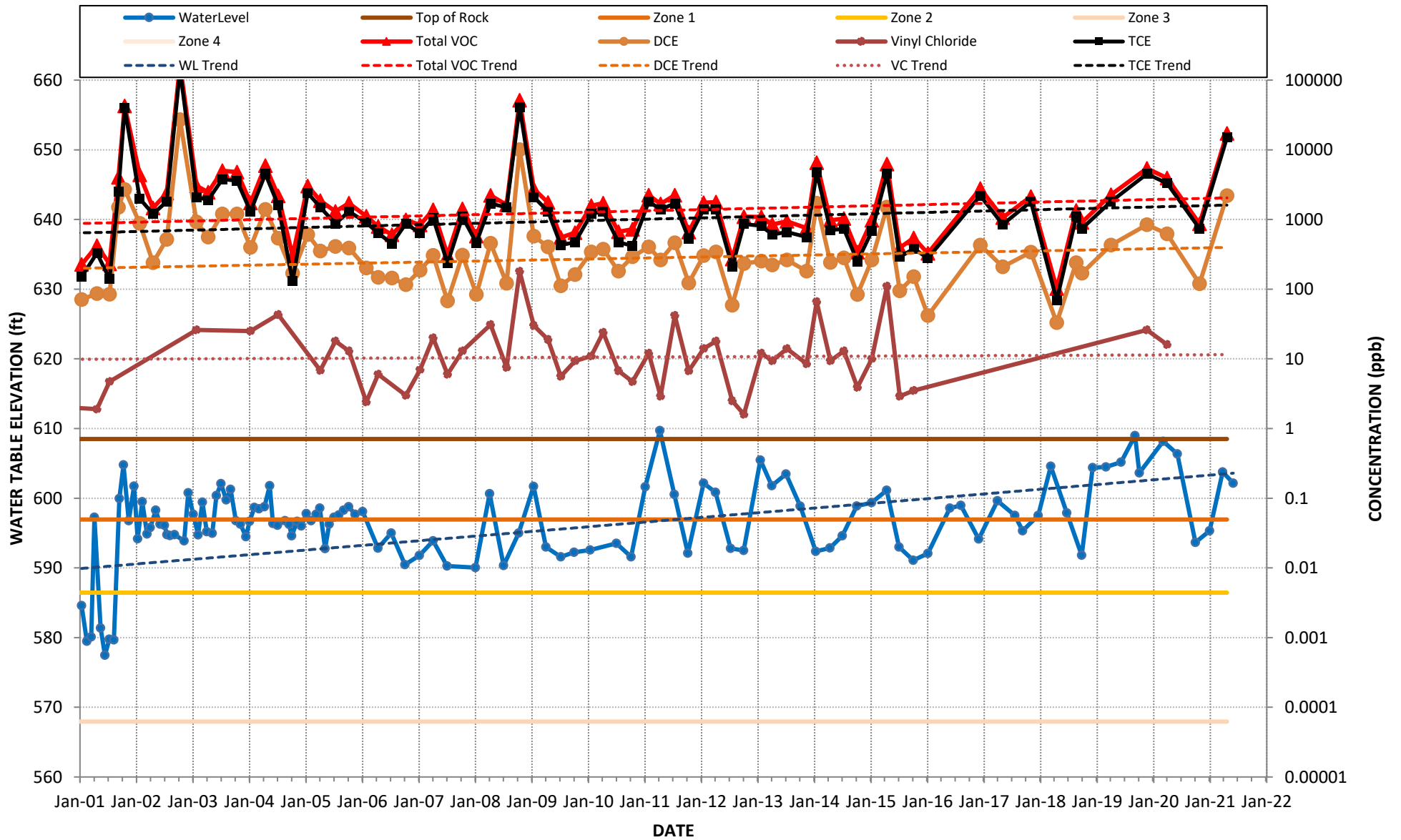
WATER LEVELS & CHLORINATED SOLVENT CONCENTRATIONS

P- 4

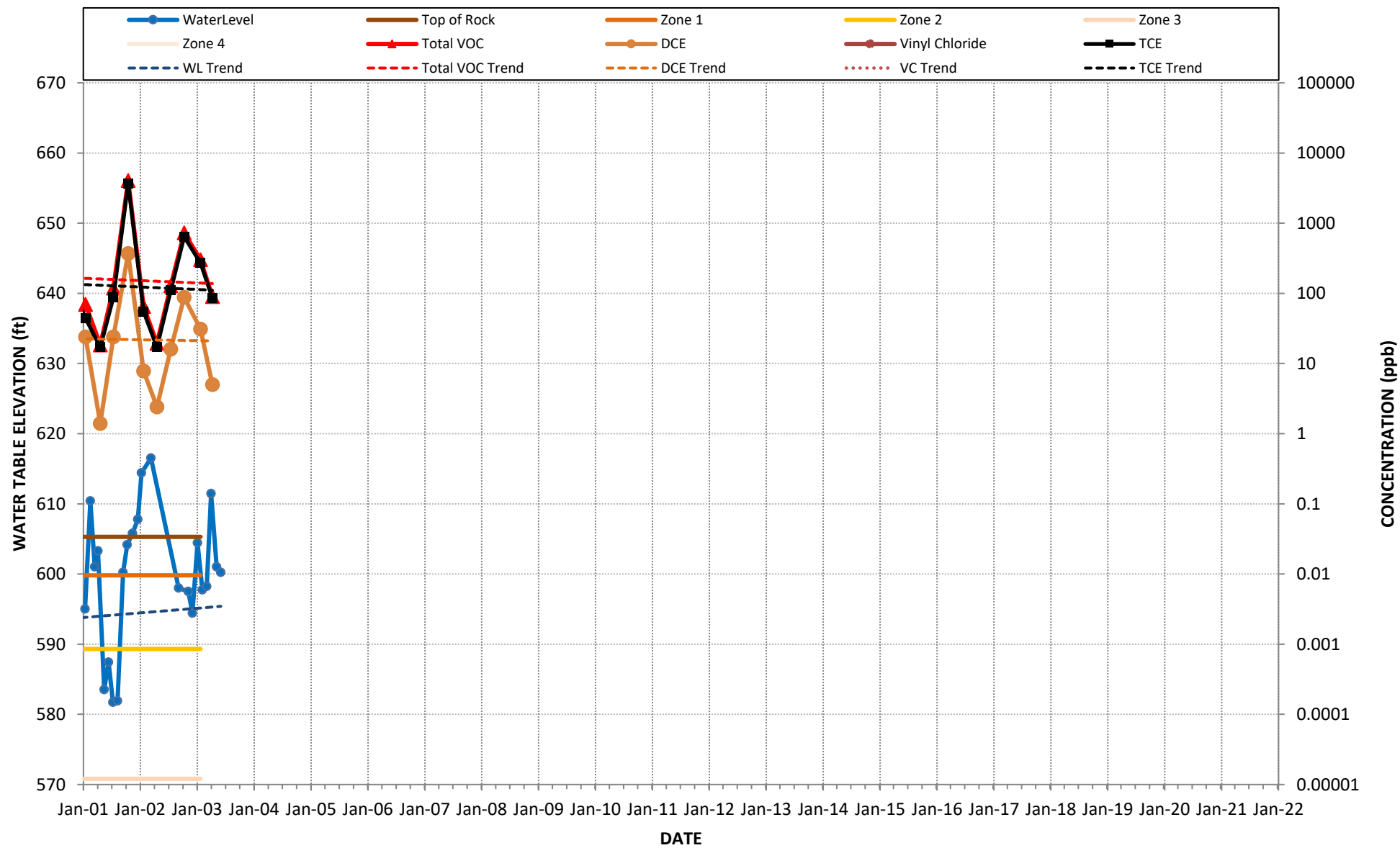


WATER LEVELS & CHLORINATED SOLVENT CONCENTRATIONS

PW- 1

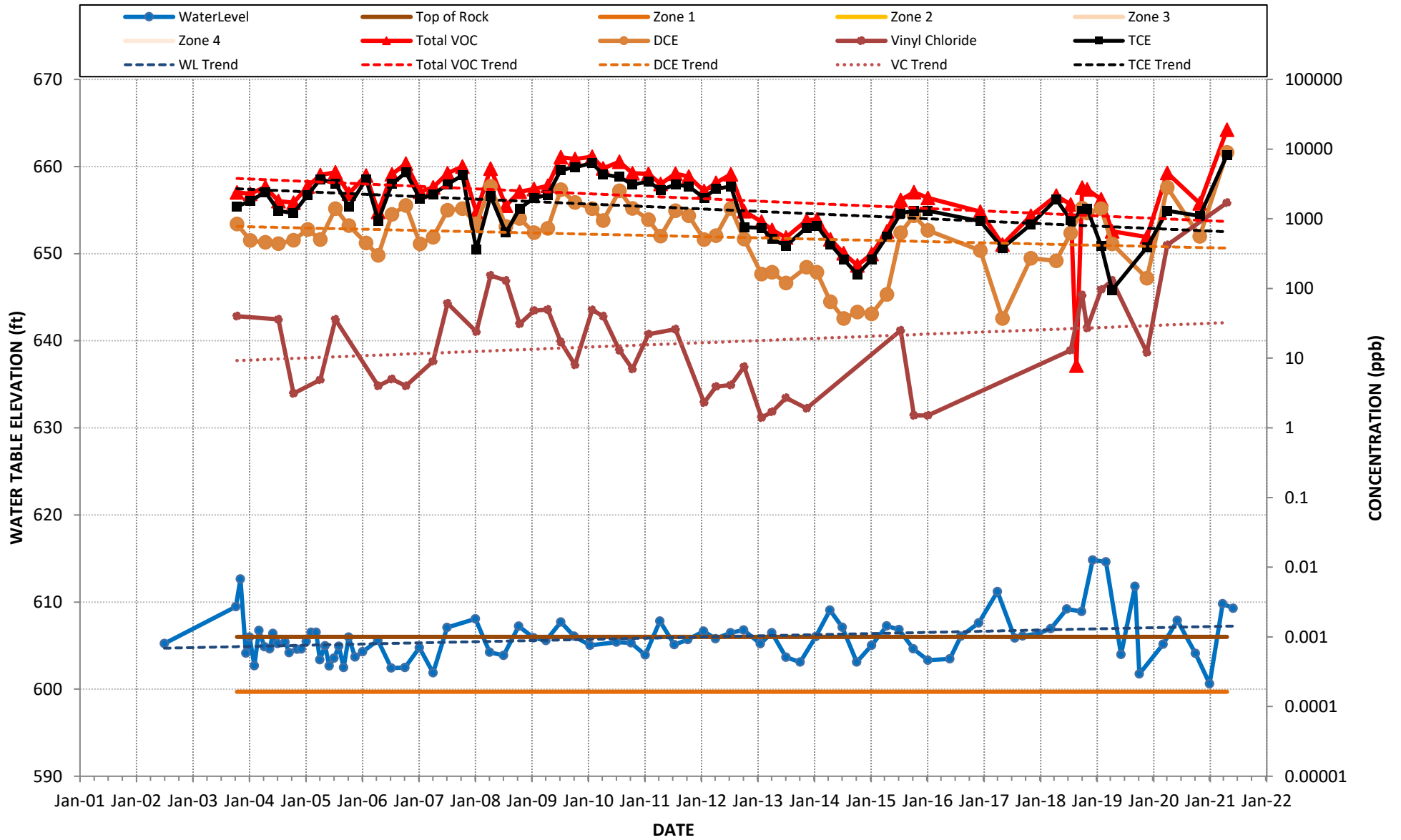


WATER LEVELS & CHLORINATED SOLVENT CONCENTRATIONS
PW- 2



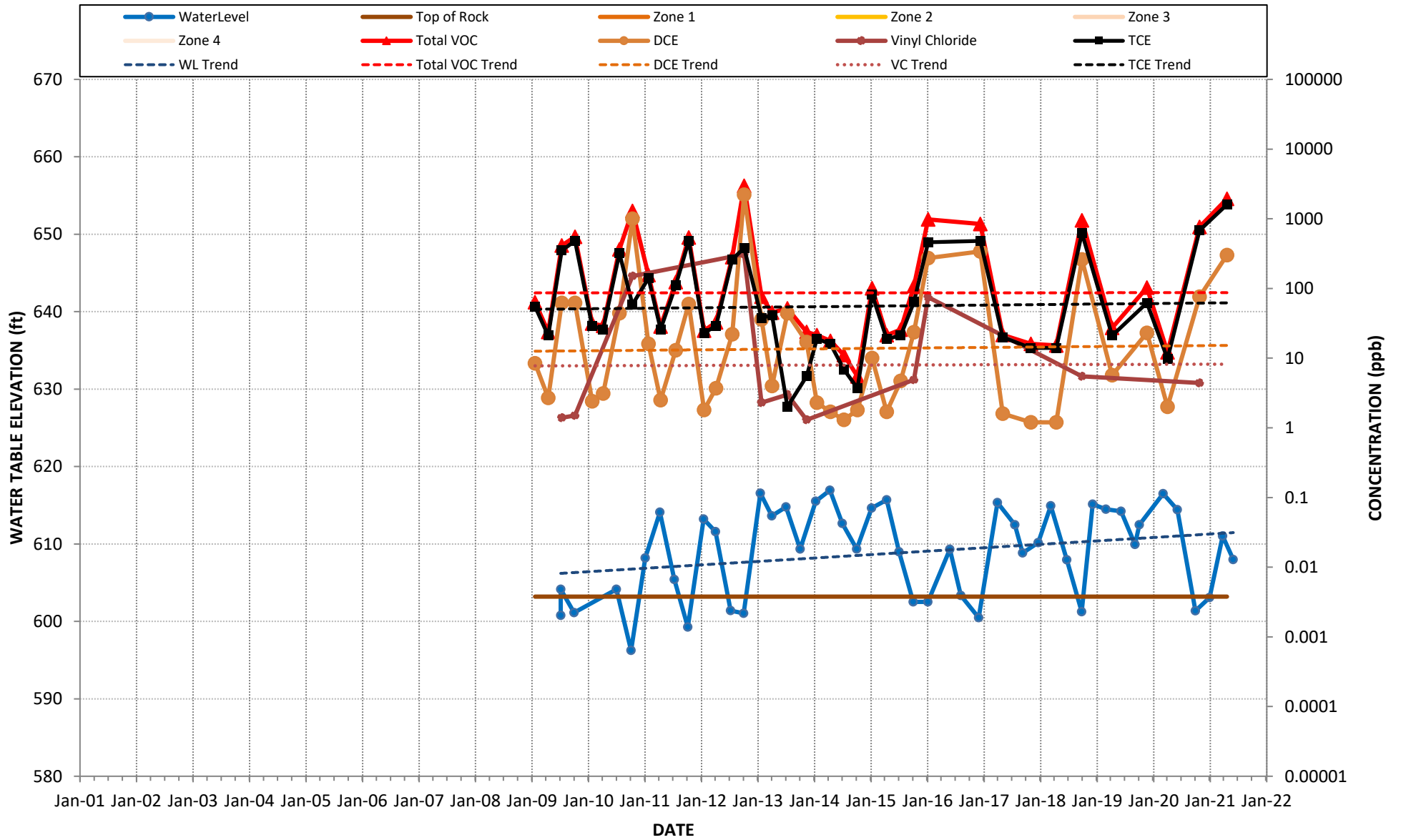
WATER LEVELS & CHLORINATED SOLVENT CONCENTRATIONS

PW- 3

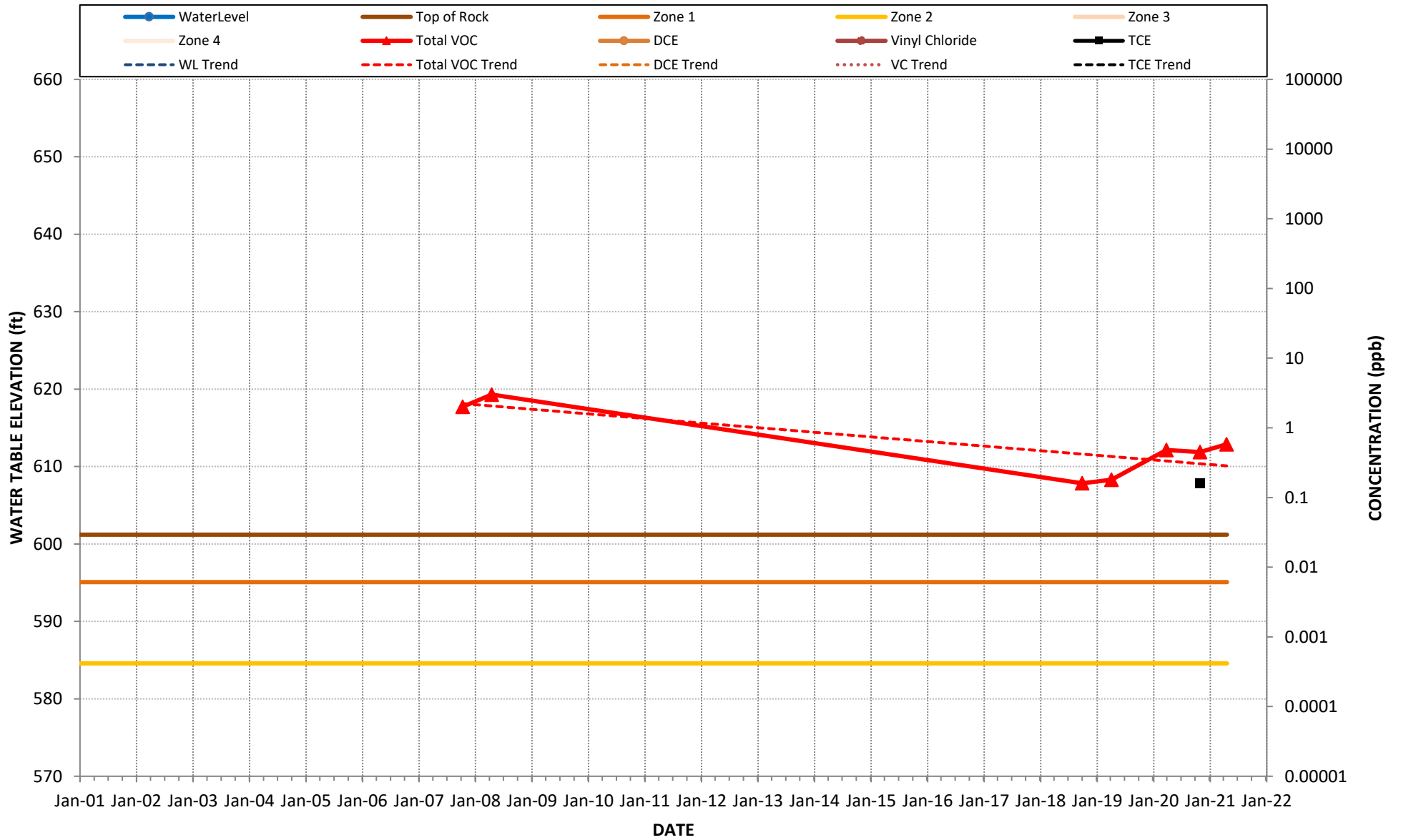


WATER LEVELS & CHLORINATED SOLVENT CONCENTRATIONS

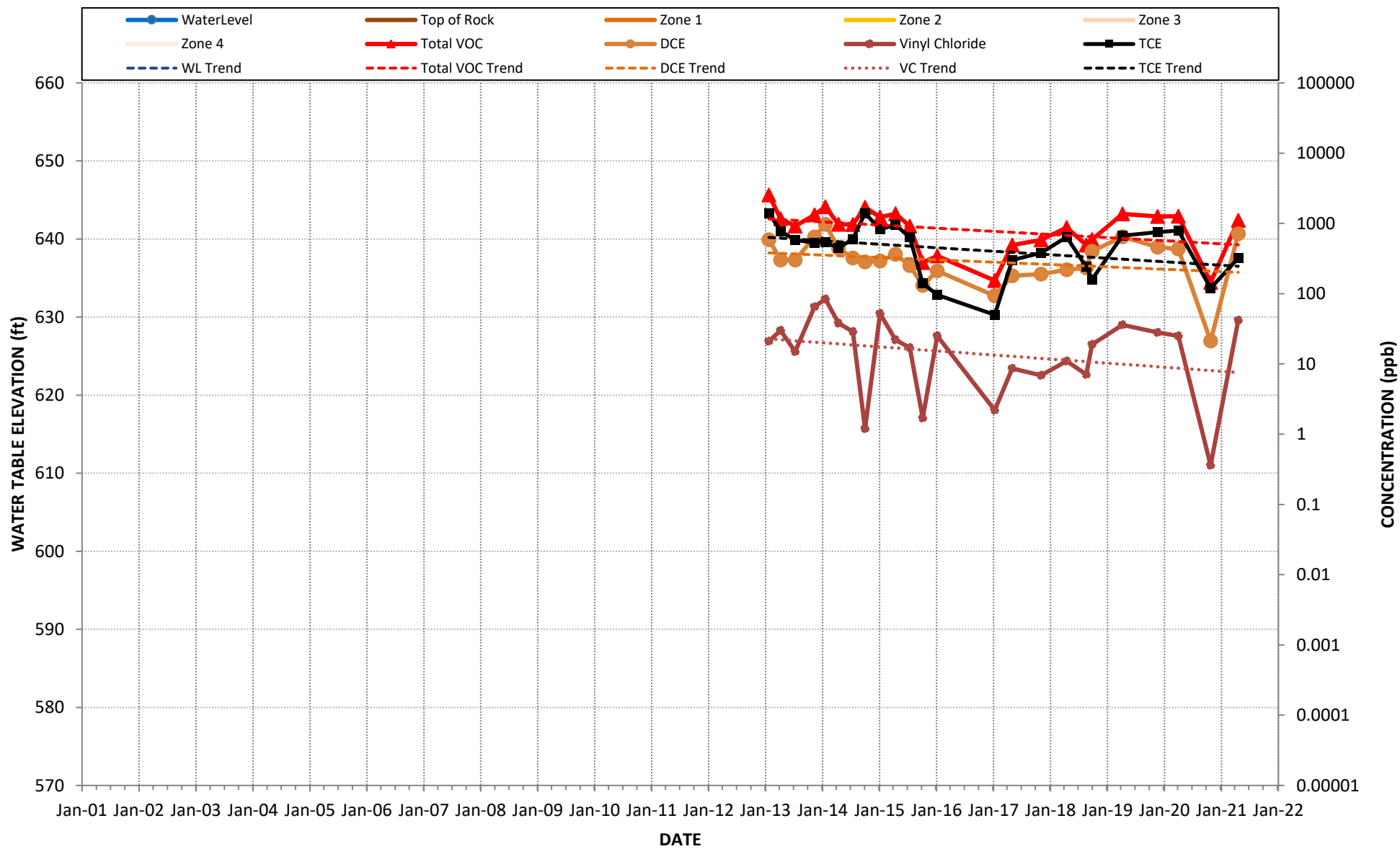
PW- 4



WATER LEVELS & CHLORINATED SOLVENT CONCENTRATIONS QUARRY POND



WATER LEVELS & CHLORINATED SOLVENT CONCENTRATIONS **T-002**



Appendix D

Water Quality Database through April 2021

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
4/1/2020	240-128428-4	8260C	< 10	< 10	4.9 J	< 10	< 50	2.1 J	180	3.7 J	330	1.5 J	< 10	522.2
10/28/2020	240-139255-1	8260C	< 2.0	< 2.0	0.54 J	< 2.0	< 10	0.44 J	29	< 2.0	6.4	< 2.0	90	126.38
4/27/2021	240-148317-11	8260C	< 10	< 10	4.5 J	2.3 J	< 50	3.4 J	300	2.8 J	340	1.5 J	< 10	654.5

< - 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-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

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

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

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

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

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

Well ID: B-6M

Date	Lab Sample ID	Method	Carbon tetrachloride (µg/L)	Chloroform (µg/L)	1,1-Dichloroethane (µg/L)	1,1-Dichloroethene (µg/L)	Methylene chloride (µg/L)	trans-1,2-Dichloroethene (µg/L)	cis-1,2-Dichloroethene (µg/L)	1,1,1-Trichloroethane (µg/L)	Trichloroethene (µg/L)	Tetrachloroethene (µg/L)	Vinyl chloride (µg/L)	Total
8/1/1984		8260	< 5	14	< 5	< 5	2	< 5	< 5	< 5	2	< 5	< 5	18
3/1/1985		8260	< 5	< 5	< 5	< 10	< 5	< 5	< 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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To Address the NYSDEC concerns regarding the presentation and plotting of non-detected values, the data for 2001 to 2004 has been reevaluated and interpreted as follows:

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

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

Well ID: B-6M

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

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 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-6M

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

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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-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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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-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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Well ID: B-7M			Carbon		1,1-	1,1-		trans-1,2-	cis-1,2-	1,1,1-				
Date	Lab Sample ID	Method	tetrachloride (µg/L)	Chloroform (µg/L)	Dichloroethane (µg/L)	Dichloroethene (µg/L)	Methylene chloride (µg/L)	Dichloroethene (µg/L)	Dichloroethene (µg/L)	Trichloroethane (µg/L)	Trichloroethene (µg/L)	Tetrachloroethene (µg/L)	Vinyl chloride (µg/L)	Total
3/25/2020	240-128236-2	8260C	< 1.0	< 1.0	< 1.0	< 1.0	< 5.0	< 1.0	0.96 J	< 1.0	3.2	< 1.0	< 1.0	4.16
4/20/2021	240-147939-10	8260C	< 1.0	< 1.0	< 1.0	< 1.0	< 5.0	< 1.0	1.3	< 1.0	3.5	< 1.0	< 1.0	4.8

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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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µg/L - micrograms per liter

Well ID: B-8M

Date	Lab Sample ID	Method	Carbon tetrachloride (µg/L)	Chloroform (µg/L)	1,1-Dichloroethane (µg/L)	1,1-Dichloroethene (µg/L)	Methylene chloride (µg/L)	trans-1,2-Dichloroethene (µg/L)	cis-1,2-Dichloroethene (µg/L)	1,1,1-Trichloroethane (µg/L)	Trichloroethene (µg/L)	Tetrachloroethene (µg/L)	Vinyl chloride (µg/L)	Total
10/23/1997		8260	< 120	< 50	< 100	< 70	< 250	< 100	120	< 64	3600	< 79	< 180	3720
1/21/1998		8260	< 120	< 50	< 100	< 70	< 250	< 100	280	< 64	18000	< 79	< 180	18280
4/22/1998		8260	< 120	< 50	< 100	< 70	< 250	< 100	520	< 64	11000	< 79	< 180	11520
10/12/1998		8260	< 120	< 50	< 100	< 70	< 250	< 100	1500	< 64	7800	< 79	< 180	9300
1/13/2000	A0026411	8021	< 160	< 160	< 160	< 160	< 160	< 160	1700	< 160	12000	< 160	< 160	13700
4/19/2000	A0259416	8021	< 160	< 160	< 160	< 160	170	< 160	1800	< 160	20000	< 160	< 160	21970
10/20/2000	A0754601	8021	< 80	< 80	< 80	< 80	110 B	< 80	680	< 80	7900	< 80	< 80	8690
1/12/2001	A1035104	8021	< 160	< 160	< 160	< 160	620	< 160	1400	< 160	7400	< 160	< 160	9420
4/24/2001	A1375204	8021	< 400	< 400	< 400	< 400	< 400	< 400	2400	< 400	24000	< 400	< 400	26400
7/11/2001	A1648705	8021	< 200	< 200	< 200	< 200	500	< 200	700	< 200	11000	< 200	< 200	12200
10/17/2001	A1A23313	8021	< 800	< 800	< 800	< 800	980	< 800	8500	< 800	64000	< 800	< 800	73480
1/25/2002	A2081501	8021	< 100	< 100	< 100	< 100	170	< 100	2400	< 100	35000 D	< 100	< 100	37570
4/22/2002	A2391102	8021	< 400	< 400	< 400	< 400	540	< 400	< 400	< 400	22000	< 400	< 400	22540
7/17/2002	A2732602	8021	< 500	< 500	< 500	< 500	1500	< 500	4700	< 500	73000	< 500	< 500	79200
10/15/2002	A2A23602	8021	< 500	< 500	< 500	< 500	< 500	< 500	7100	< 500	41000	< 500	< 500	48100
1/24/2003	A3075209	8021	< 140	< 46	< 50	< 82	< 180	< 77	1900	< 93	10000	< 160	< 65	11900
4/24/2003	A3389604	8021	< 290	< 91	< 99	< 160	530	< 150	2100	< 190	23000	< 330	< 130	25630
7/22/2003	A3699407	8021	< 2900	< 910	< 990	< 1600	< 3700	< 1500	9500	< 1900	170000	< 3300	< 1300	179500
10/22/2003	A3A28301	8021	< 1400	< 250	< 210	< 820	< 450	< 500	5300	< 300	85000	< 110	< 890	90300
1/22/2004	A4057101	8021	< 290	< 51	< 42	< 160	< 90	330	330	< 59	12000	< 23	< 180	12660
4/30/2004	A4402504	8021	< 1400	< 250	< 210	< 820	< 450	< 500	< 1200	< 300	24000	< 110	< 890	24000
7/19/2004	A4682701	8021	< 1400	< 250	< 210	< 820	< 450	< 500	7800 E	< 300	58000	< 110	< 890	65800
7/19/2004	A4682701	8260	< 480	< 800	< 950	< 470	3000	< 810	3900	< 630	71000	< 640	< 1500	77900
10/15/2004	A4A20302	8021	< 1	< 1	< 1	3.6	< 1	6.5	980 D	< 1	15000 D	4	17	16011.1
1/12/2005	A5036104	8260	< 190	< 320	< 380	< 190	< 400	< 320	920	< 250	51000 D	< 250	< 590	51920
4/19/2005	A5387403	8260	< 95	< 160	< 190	< 94	< 200	< 160	430	< 130	18000	< 130	< 290	18430
7/15/2005	A5747101	8260/5M	< 51	< 56	< 53	< 60	200	< 63	3300	< 56	29000 D	< 64	320	32820
10/24/2005	A5B97301	8260	< 1.2	< 1	0.93 J	12	< 2.5	13	880 D	0.61 J	56000 BD	5.4	42	56953.94
1/26/2006	A6102405	8260	< 110	< 130	< 110	< 120	< 180	< 130	1000	< 100	36000	< 140	< 97	37000
4/19/2006	6D20002-03	8260	< 20	< 20	< 20	< 20	< 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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E - Concentration exceeds the calibration range;
Result is estimated.
J - Indicates an estimated value.
µg/L - micrograms per liter

Well ID: B-8M

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

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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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µg/L - micrograms per liter

Well ID: B-9M

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

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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-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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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-10M

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

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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-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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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-11M

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

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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	< 2.5	38	< 25	< 130	< 25	440	31	890	< 7.5	< 25	1399
4/1/1990		8260	< 5	< 13	25	< 5	< 25	< 5	240	26	410	< 1.5	< 5	701
7/1/1990		8260	< 5	< 2.5	41	< 5	< 25	< 5	490	29	640	< 1.5	32	1232
10/1/1990		8260	< 5	< 2.5	2200	73	< 5	17	1100	210	2200	< 1.5	75	5875
1/1/1991		8260	< 5	< 2.5	46	7.6	< 25	5	380	43	810	< 1.5	14	1305.6
5/1/1991		8260	< 120	< 50	< 70	< 130	< 25	< 100	370	42	910	< 30	< 180	1322
7/1/1991		8260	< 120	< 50	< 70	< 130	< 250	< 100	220	130	970	< 30	< 180	1320
10/1/1991		8260	< 1200	< 500	< 700	< 1300	< 2500	< 1000	6600	< 300	7800	< 300	< 1800	14400
1/1/1992		8260	< 240	< 100	360	< 260	< 500	< 200	5800	540	8600	< 60	< 360	15300
4/1/1992		8260	< 240	< 100	< 140	< 260	< 500	< 200	580	< 60	1600	< 60	< 360	2180
7/1/1992		8260	< 120	< 50	< 70	< 130	< 250	< 100	570	< 100	1200	< 30	< 180	1770
10/1/1992		8260	< 12	< 5	14	< 13	< 25	< 10	310	27	810	< 3	< 18	1161
1/1/1993		8260	< 12	< 5	50	< 13	< 25	< 10	440	20	670	< 3	< 18	1180
3/30/1993		8260	< 12	< 5	58	19	< 25	15	2400	39	560	< 3	440	3531
6/3/1993		8260	< 12	< 5	120	56	30	78	12000	95	2200	< 3	1100	15679
6/28/1993		8260	< 24	< 10	120	< 26	< 50	42	5800	100	590	< 6	490	7142
7/18/2002	A2732704	8021	< 1.2	< 1	1	< 1	< 2.5	< 1	30	1.4	74	< 1	< 1.8	106.4
7/2/2003	A3639710	8021	< 1.2	< 1	8.3	1.8	< 2.5	3.8	87 D	26	82	< 1	< 1.8	208.9
6/29/2004	A4614512	8021	< 2.9	< 1	4	< 1.6	< 2.5	2.7	71	8.3	240	< 1	< 1.8	326
7/8/2005	A5715203	8260/5M	< 1.2	< 1	0.56 J	< 1	< 2.5	< 1	7.3	1.1	30	< 1	< 1.8	38.96
7/18/2006	6G19003-15	8260	< 1	< 1	9	3	5 B	4	164	8	581 D	< 1	6	780
7/9/2007	7G10002-04	8260	< 1	< 1	1	< 1	< 2	< 1	20	2	77	< 1	< 2	100
7/16/2008	5417452	8260	< 2	< 1.6	69	13	< 4	7.8 J	560	110	1600	< 1.6	17	2376.8
7/13/2009	5722292	8260	< 2	< 1.6	37	4.3 J	< 4	7.1 J	290	78	660	< 1.6	< 2	1076.4
7/12/2010	6030550	8260	< 2	< 1.6	34	8.5 J	< 4	6.4 J	370	64	1700	< 1.6	2.1 J	2185
7/13/2011	6343978	8260	< 2	< 1.6	8.9 J	2.7 J	< 4	3.2 J	120	14	650	< 1.6	< 2	798.8
7/16/2012	6722027	8260	< 1	< 0.8	29	7.8	< 2	8.6	280	35	1700	< 0.8	< 1	2060.4
7/9/2013	7122571	8260	< 1	< 0.8	4.7 J	1.8 J	< 2	2.1 J	80	8.8	490	< 0.8	< 1	587.4
7/8/2014	7526296	8260	< 0.5	< 0.5	2.4	1.1	< 2	1.5	53	2.7	320	< 0.5	< 0.5	380.7
7/8/2015	7960011	SW8260C	< 0.5	< 0.5	< 0.5	< 0.5	< 2	< 0.5	1	< 0.5	7.9	< 0.5	< 0.5	8.9
5/2/2017	240-79083-3	8260C	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	14	1.1 J	140	< 4.0	< 4.0	155.1
11/2/2017	240-87694-1	8260C	< 4.0	< 4.0	2.7 J	< 4.0	< 4.0	1.5 J	53	4.3	300 D	< 4.0	< 4.0	361.5
4/17/2018	240-94331-13	8260C	< 2.5	< 2.5	< 2.5	< 2.5	< 2.5	< 2.5	10	0.79 J	82	< 2.5	< 2.5	92.79
4/9/2019	240-110803-17	8260C	< 10	< 10	8.2 J	2.2 J	< 50	< 10	49	54	250	< 10	< 10	363.4
11/22/2019	240-122893-9	624.1_L	< 4.0	< 4.0	2.7 J	1.1 J	< 20	0.93 J	39	12	200	< 4.0	< 4.0	255.73

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

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

Well ID: B-12M

Date	Lab Sample ID	Method	Carbon tetrachloride (µg/L)	Chloroform (µg/L)	1,1- Dichloroethane (µg/L)	1,1- Dichloroethene (µg/L)	Methylene chloride (µg/L)	trans-1,2- Dichloroethene (µg/L)	cis-1,2- Dichloroethene (µg/L)	1,1,1- Trichloroethane (µg/L)	Trichloroethene (µg/L)	Tetrachloroethene (µg/L)	Vinyl chloride (µg/L)	Total
4/1/2020	240-128428-2	8260C	< 5.0	< 5.0	1.7 J	< 5.0	< 25	< 5.0	26	5	150	< 5.0	< 5.0	182.7
4/23/2021	240-148185-3	8260C	< 5.0	< 5.0	2.7 J	1.2 J	< 25	1.2 J	71	4.9 J	440 D	< 5.0	< 5.0	521

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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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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
3/30/2020	240-128375-6	8260C	< 20	< 20	47	12 J	< 100	8.1 J	990	12 J	2900 D	6.9 J	< 20	3976
10/27/2020	240-139061-9	8260C	< 13	< 13	5.6 J	3.9 J	< 63	15	580	< 13	280	< 13	4.8 J	889.3

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

Well ID: B-13M														
Date	Lab Sample ID	Method	Carbon tetrachloride (µg/L)	Chloroform (µg/L)	1,1-Dichloroethane (µg/L)	1,1-Dichloroethene (µg/L)	Methylene chloride (µg/L)	trans-1,2-Dichloroethene (µg/L)	cis-1,2-Dichloroethene (µg/L)	1,1,1-Trichloroethane (µg/L)	Trichloroethene (µg/L)	Tetrachloroethene (µg/L)	Vinyl chloride (µg/L)	Total
4/22/2021	240-148022-3	8260C	< 13	< 13	16 D	7.5 J	< 63	7.9 J	630	4.4 J	810	3.0 J	16	1494.8

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

Well ID: B-14M

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

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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-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:

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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-15M														
Date	Lab Sample ID	Method	Carbon tetrachloride (µg/L)	Chloroform (µg/L)	1,1-Dichloroethane (µg/L)	1,1-Dichloroethene (µg/L)	Methylene chloride (µg/L)	trans-1,2-Dichloroethene (µg/L)	cis-1,2-Dichloroethene (µg/L)	1,1,1-Trichloroethane (µg/L)	Trichloroethene (µg/L)	Tetrachloroethene (µg/L)	Vinyl chloride (µg/L)	Total
7/9/2015	7962638	SW8260C	< 0.5	< 0.5	< 0.5	< 0.5	< 2	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	0

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

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

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

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

Well ID: B-16M

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

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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-17M

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

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

Well ID: B-17M

Date	Lab Sample ID	Method	Carbon tetrachloride (µg/L)	Chloroform (µg/L)	1,1-Dichloroethane (µg/L)	1,1-Dichloroethene (µg/L)	Methylene chloride (µg/L)	trans-1,2-Dichloroethene (µg/L)	cis-1,2-Dichloroethene (µg/L)	1,1,1-Trichloroethane (µg/L)	Trichloroethene (µg/L)	Tetrachloroethene (µg/L)	Vinyl chloride (µg/L)	Total
8/18/1998		8260	< 1200	< 500	< 1000	< 700	< 2500	< 1000	9100	< 640	31000	< 790	< 1800	40100
8/25/1998		8260	< 120	< 50	< 100	< 70	< 250	< 100	2000	< 64	7900	< 79	< 180	9900
10/12/1998		8260	< 120	< 50	< 100	< 70	< 250	< 100	3500	< 64	10000	< 79	< 180	13500
4/15/1999		8260	< 120	110 J	< 100	< 70	< 250	< 100	1800	< 64	4200	< 79	< 180	6110
7/22/1999		8260	< 1200	< 500	< 1000	< 700	< 2500	< 1000	3600	< 640	19000	< 790	< 1800	22600
10/15/1999		8260	< 40	< 40	< 40	< 40	78	< 40	1600	< 40	4300	< 40	< 40	5978
1/12/2000	A0026405	8021	< 160	< 160	< 160	< 160	360	< 160	3100	< 160	22000	< 160	< 160	25460
4/18/2000	A0259409	8021	< 160	< 160	< 160	< 160	< 160	< 160	2900	< 160	7400	< 160	< 160	10300
7/20/2000	A0508912	8021	< 80	< 80	< 80	< 80	< 80	< 80	1200	< 80	2500	< 80	< 80	3700
10/20/2000	A0754604	8021	< 80	< 80	< 80	< 80	< 80	< 80	2500	< 80	11000	< 80	< 80	13500
1/13/2001	A1041308	8021	< 80	< 80	< 80	< 80	< 80	< 80	3100	< 80	8000	< 80	< 80	11100
4/20/2001	A1366401	624	< 1.2	< 1.5	100 E	9.7	< 2.5	30	1500 D	9.4	5300 D	3.6	6.1	6958.8
7/11/2001	A1648713	8021	< 80	< 80	< 80	< 80	180	< 80	3700	< 80	8400	< 80	< 80	12280
10/16/2001	A1A17410	8021	< 800	< 800	< 800	< 800	1000	< 800	2600	< 800	29000	< 800	< 800	32600
1/25/2002	A2081503	8021	< 80	140	< 80	< 80	140	< 80	4500	< 80	2800	< 80	91	7671
4/22/2002	A2391101	8021	< 50	< 50	< 50	< 50	76	< 50	12000	< 50	4300	< 50	2100	18476
7/17/2002	A2732601	8021	< 100	< 100	< 100	< 100	160	< 100	8600	< 100	5500	< 100	1800	16060
10/15/2002	A2A23603	8021	< 800	< 800	< 800	< 800	1000	< 800	49000	< 800	17000	< 800	4300	71300
1/24/2003	A3075207	8021	< 140	< 46	< 50	< 82	190	< 77	12000	< 93	7100	< 160	2600	21890
4/23/2003	A3376304	8021	< 140	< 46	< 50	< 82	< 180	< 77	12000	< 93	4400	< 160	1400	17800
7/22/2003	A3699406	8021	< 140	< 46	< 50	< 82	< 180	< 77	13000	< 93	3800	< 160	1100	17900
10/22/2003	A3A28302	8021	< 140	< 25	< 21	< 82	170	< 50	20000	< 30	2500	< 11	2600	25270
1/21/2004	A4053403	8021	< 140	< 25	< 21	< 82	< 45	< 50	7800	< 30	5600	< 11	620	14020
4/28/2004	A4387504	8021	< 140	< 25	< 21	< 82	< 45	< 50	8100	< 30	5300	< 11	700	14100
7/9/2004	A4647102	8021	< 140	< 25	120	220	< 45	< 50	14000	< 30	3500	< 11	1600	19440
10/8/2004	A4994203	8021	< 250	< 250	< 250	< 250	< 1200	< 250	7700	< 250	3300	< 250	640	11640
1/18/2005	A5051102	8260	< 48	< 80	100	52	< 99	< 81	9600	< 63	7800	< 64	1300	18852
4/19/2005	A5387401	8260	< 48	< 80	< 95	< 47	< 99	< 81	12000 D	< 63	6900	< 64	1300	20200
7/21/2005	A5768404	8260/5M	< 53	< 67	110	< 59	< 88	130	15000	< 53	8600	< 73	1500	25340
10/21/2005	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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 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-17M

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

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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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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-18M

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

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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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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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µg/L - micrograms per liter

Well ID: B-19M

Date	Lab Sample ID	Method	Carbon tetrachloride (µg/L)	Chloroform (µg/L)	1,1-Dichloroethane (µg/L)	1,1-Dichloroethene (µg/L)	Methylene chloride (µg/L)	trans-1,2-Dichloroethene (µg/L)	cis-1,2-Dichloroethene (µg/L)	1,1,1-Trichloroethane (µg/L)	Trichloroethene (µg/L)	Tetrachloroethene (µg/L)	Vinyl chloride (µg/L)	Total
4/9/2019	240-110803-16	8260C	< 1.0	< 1.0	< 1.0	< 1.0	< 5.0	< 1.0	0.80 J	< 1.0	0.31 J	< 1.0	< 1.0	1.11
3/30/2020	240-128375-9	8260C	< 1	< 1	0.21 J	< 1.0	< 5	< 1.0	2.2	< 1.0	< 1.0	< 1.0	0.76 J	3.17
4/22/2021	240-148022-4	8260C	< 1.0	< 1.0	0.33 J	< 1.0	< 5.0	< 1.0	3	< 1.0	0.21 J	< 1.0	0.89 J	4.43

< - 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-20M

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

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

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

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

Well ID: B-20M

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

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

- 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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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.
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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-21M

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

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

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

Well ID: B-21M

Date	Lab Sample ID	Method	Carbon tetrachloride (µg/L)	Chloroform (µg/L)	1,1- Dichloroethane (µg/L)	1,1- Dichloroethene (µg/L)	Methylene chloride (µg/L)	trans-1,2- Dichloroethene (µg/L)	cis-1,2- Dichloroethene (µg/L)	1,1,1- Trichloroethane (µg/L)	Trichloroethene (µg/L)	Tetrachloroethene (µg/L)	Vinyl chloride (µg/L)	Total
10/28/2020	240-139252-1	8260C	< 1.0	< 1.0	< 1.0	< 1.0	< 5.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	0
4/26/2021	240-148317-1	8260C	< 1.0	< 1.0	< 1.0	< 1.0	< 5.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	0

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

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

Well ID: B-22M

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

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

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

Well ID: B-22M

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

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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-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	< 2.5	5.7	1300	< 1.5	89	< 1.5	51	1445.7
5/1/1991		8260	< 60	< 25	< 35	< 65	< 125	< 50	1500	< 15	< 60	< 15	91	1591
7/1/1991		8260	< 60	< 25	< 35	< 65	< 130	< 50	770	< 15	< 60	< 15	< 90	770
10/1/1991		8260	< 120	< 50	< 70	< 130	< 250	< 100	960	< 30	< 120	< 30	< 180	960
1/1/1992		8260	< 120	< 50	< 70	< 130	< 250	< 100	1800	< 30	< 240	< 30	< 360	1800
4/1/1992		8260	< 120	< 50	< 70	< 130	< 250	< 100	< 1100	< 30	< 120	< 30	< 180	0
7/1/1992		8260	< 120	< 50	< 70	< 130	< 250	< 100	1600	< 30	< 120	< 30	< 180	1600
10/1/1992		8260	< 12	< 5	< 7	< 13	< 25	< 10	1100	< 3	< 12	4.1	72	1176.1
1/1/1993		8260	< 12	< 5	< 7	< 13	< 25	< 10	1100	< 3	63	< 3	24	1187
3/31/1993		8260	< 6	< 2.5	3.8	< 6.5	< 13	6.9	1100	< 2.5	12	< 1.5	95	1217.7
6/3/1993		8260	< 6	< 2.5	< 3.5	< 6.5	< 12	7.5	1100	< 2.5	8	< 1.5	72	1187.5
6/30/1993		8260	< 12	< 5	< 7	< 13	< 25	< 10	960	5.1	< 12	< 3	92	1057.1
8/5/1993		8260	< 12	< 5	< 7	< 13	< 25	< 10	990	< 5	< 12	< 3	73	1063
9/1/1993		8260	< 12	< 5	< 7	< 13	< 25	12	980	< 5	< 12	< 3	110	1102
10/5/1993		8260	< 12	5.6	< 7	< 13	< 25	< 10	1000	< 5	< 12	< 3	120	1125.6
1/26/1994		8260	< 1.2	< 0.5	< 2.2	< 1.3	< 2.5	5.4	1200	< 0.5	< 1.2	< 0.3	350	1555.4
4/6/1994		8260	< 1.2	< 0.5	4.8	2.4	< 2.5	20	1200	1.3	82	< 0.3	50	1360.5
7/8/1994		8260	< 12	< 5	< 7	< 13	< 25	< 10	900	< 5	< 12	< 3	39	939
10/6/1994		8260	< 12	< 5	< 7	21	< 25	22	1100	< 5	< 12	< 3	90	1233
1/25/1995		8260	< 5	< 5	< 5	< 5	< 5	5.9	530	< 5	22	< 5	26	583.9
4/4/1995		8260	< 2.5	< 2.5	< 2.5	< 2.5	< 2.5	6.5	220	< 2.5	67	< 2.5	< 5	293.5
6/28/1995		8260	< 5	< 5	< 5	< 5	< 5	< 5	380	< 5	7.9	< 5	15	402.9
10/4/1995		8260	< 1.2	< 0.5	2.7	2.8	< 2.5	9.4	860	< 0.64	15	< 0.79	58	947.9
1/9/1996		8260	< 12	< 5	< 10	< 7	< 25	10	330	< 6.4	88	< 7.9	< 18	428
4/3/1996		8260	< 12	< 5	< 10	< 7	< 25	14	480	< 6.4	130	< 7.9	< 18	624
7/10/1996		8260	< 12	< 5	< 10	< 7	< 25	11	930	< 6.4	26	< 7.9	26	993
10/3/1996		8260	< 12	9.3	< 10	< 7	< 25	13	420	< 6.4	110	< 7.9	< 18	552.3
1/27/1997		8260	< 12	< 5	< 10	< 7	< 25	< 10	240	< 6.4	79	< 7.9	< 18	319
4/16/1997		8260	< 12	< 5	< 10	< 7	< 25	< 10	240	< 6.4	60	< 7.9	< 18	300
7/10/1997		8260	< 12	7.6	< 10	< 7	< 25	< 10	420	< 6.4	45	< 7.9	< 18	472.6
10/22/1997		8260	< 12	< 5	< 10	< 7	< 25	< 10	820	< 6.4	12	< 7.9	20	852
1/20/1998		8260	< 12	9.1	< 10	< 7	< 25	< 10	470	< 6.4	130	< 7.9	< 18	609.1
4/23/1998		8260	< 12	< 5	< 10	< 7	< 25	< 10	230	< 6.4	68	< 7.9	< 18	298
7/22/1998		8260	< 12	< 5	< 10	< 7	< 25	< 10	520	< 0.64	20	< 0.79	< 1.8	540
10/9/1998		8260	< 12	< 5	< 10	< 7	< 25	< 10	440	< 0.64	12	< 0.79	27	479
1/22/1999		8260	< 12	20 J	< 10	< 7	< 25	< 10	620	< 6.4	< 1.2	< 7.9	< 18	640
4/19/1999		8260	< 12	13 J	< 10	< 7	< 25	< 10	430	< 6.4	52	< 7.9	< 18	495
7/21/1999		8260	< 12	< 5	< 10	< 7	< 25	11	490	< 6.4	18	< 7.9	26	545

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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	<0.8	130	<0.8	8.5	335.3
4/8/2013	7015024	8260	<1	<0.8	<1	<0.8	<2	<0.8	220	<0.8	3.7 J	<0.8	28	251.7
7/16/2013	7129889	8260	<1	<0.8	3.4 J	0.91 J	<2	2.2 J	190	1.4 J	170	<0.8	9.3	377.21
11/13/2013	7276549	8260	<1	<0.8	2.6 J	1 J	<2	2 J	250	1.2 J	170	<0.8	11	437.8
1/17/2014	7341389	8260	<1	<0.8	2 J	<0.8	<2	1.8 J	170	0.83 J	130	<0.8	1.1 J	305.73
4/24/2014	7442060	8260	<0.5	<0.5	1.2	0.62 J	<2	1 J	210	<0.5	27	<0.5	11	250.82
7/16/2014	7535886	8260	<0.5	<0.5	2.1	0.84 J	<2	3.4	160	1.2	220	<0.5	3.1	390.64
10/2/2014	7623667	8260	<0.5	<0.5	0.93 J	<0.5	<2	0.81 J	190	<0.5	13	<0.5	26	230.74
1/8/2015	7734026	8260	<0.5	<0.5	2	0.71 J	<2	2.5	140	1.3	160	<0.5	3.4	309.91
4/22/2015	7858499	8260	<0.5	<0.5	1.6	0.6 J	<2	1.4	190	<0.5	62	<0.5	3.1	258.7
7/14/2015	7967354	SW8260C	<0.5	<0.5	1.2	<0.5	<2	2.1	130	0.73 J	59	<0.5	3.7	196.73
10/7/2015	8080775	SW8260C	<0.5	<0.5	1.7	0.58 J	<2	1	170	0.81 J	32	<0.5	18	224.09
1/7/2016	8199647	SW8260C	<0.5	<0.5	1.3	<0.5	<2	<0.5	200	<0.5	22	<0.5	29	252.3
12/5/2016	240-73125-4	8260C	<6.7	<6.7	<6.7	<6.7	<6.7	<6.7	140	<6.7	<6.7	<6.7	24	164
5/3/2017	240-79160-3	8260C	<2.5	<2.5	1.1 J	<2.5	<2.5	2.7	76	0.58 J	86	<2.5	8.8	175.18
11/3/2017	240-87694-6	8260C	<2.5	<2.5	1.3 J	<2.5	<2.5	1.9 J	70	<2.5	82	<2.5	<2.5	155.2
4/12/2018	240-94116-11	8260C	<5.0	<5.0	1.6 J	<5.0	12	1.8 J	120	<5.0	120	<5.0	3.1 J	258.5
9/27/2018	240-102125-11	8260C	<2.0	<2.0	0.81 J	<2.0	<10	0.59 J	150	<2.0	5.8	<2.0	33	190.2
4/8/2019	240-110803-7	8260C	<4.0	<4.0	2.2 J	<4.0	<20	1.9 J	62	2.9 J	140	<4.0	<4.0	209
11/21/2019	240-122893-2	624.1_L	<4.0	0.67 J	2.8 J	0.92 J	<20	2.7	99	3.7 J	200	<4.0	0.90 J	310.69
3/26/2020	240-128236-4	8260C	<5.0	<5.0	2.8 J	<5.0	<25	2.1 J	85	2.4 J	180	<5.0	2.8 J	275.1
10/29/2020	240-139252-7	8260C	<5.0	5.1	1.2 J	<5.0	<25	1.8 J	44	<5.0	100	<5.0	<5.0	152.1
4/20/2021	240-147939-4	8260C	<5.0	<5.0	2.1 J	<5.0	<25	1.5 J	150	<5.0	100	<5.0	21	274.6

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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-24M

Date	Lab Sample ID	Method	Carbon tetrachloride (µg/L)	Chloroform (µg/L)	1,1-Dichloroethane (µg/L)	1,1-Dichloroethene (µg/L)	Methylene chloride (µg/L)	trans-1,2-Dichloroethene (µg/L)	cis-1,2-Dichloroethene (µg/L)	1,1,1-Trichloroethane (µg/L)	Trichloroethene (µg/L)	Tetrachloroethene (µg/L)	Vinyl chloride (µg/L)	Total
1/1/1989		8260	< 0.1	< 5	< 0.07	< 0.1	0.1	< 0.1	1	< 0.03	6	< 0.03	< 0.2	7.1
4/1/1989		8260	< 0.1	< 0.05	< 0.07	< 0.03	< 0.1	< 0.1	2	< 0.03	11	< 0.03	< 0.2	13
7/1/1989		8260	< 1.2	< 0.5	< 0.7	< 1.3	< 2.5	< 1	2.2	< 0.3	16	< 0.3	< 1.8	18.2
10/1/1989		8260	1.8	< 0.5	< 0.7	< 1	< 1	< 1	44	2.1	220	< 0.3	1.6	269.5
1/1/1990		8260	< 1	< 0.5	< 0.7	< 1	< 5	< 1	3.3	< 0.3	17	< 0.3	< 1	20.3
4/1/1990		8260	< 1	< 0.5	< 0.7	1	< 5	< 1	1.6	< 0.3	11	< 0.3	< 1	13.6
7/1/1990		8260	< 1	< 0.5	< 0.7	< 1	9.5	< 1	1.6	< 0.3	17	< 0.3	< 1	28.1
10/1/1990		8260	< 1	< 0.5	< 0.7	< 1	< 1	< 1	< 1	< 0.3	11	< 0.3	< 1	11
1/1/1991		8260	< 1	< 0.5	< 0.7	< 1	< 5	< 1	6.1	0.8	20	< 0.3	< 1	26.9
5/1/1991		8260	< 1.2	< 0.5	< 0.7	< 1.3	< 2.5	< 1	1.6	< 0.3	18	< 0.3	< 1.8	19.6
7/1/1991		8260	< 1.2	< 0.5	< 0.7	< 1.3	< 2.5	< 1	< 1	< 0.3	24	< 0.3	< 1.8	24
10/1/1991		8260	< 1.2	< 0.5	< 0.7	< 1.3	< 2.5	< 1	< 1	< 0.3	3.6	< 0.3	< 1.8	3.6
1/1/1992		8260	< 1.2	< 0.5	< 0.7	< 1.3	< 2.5	< 1	< 1	< 0.3	11	< 0.3	< 1.8	11
4/1/1992		8260	< 1.2	< 0.5	< 0.7	< 1.3	< 2.5	< 1	< 1	< 0.3	21	< 0.3	< 1.8	21
7/1/1992		8260	< 1.2	< 0.5	< 0.7	< 1.3	< 2.5	< 1	1.7	0.6 A	17	< 0.3	< 1.8	19.3
10/1/1992		8260	< 1.2	< 0.5	< 0.7	< 1.3	< 2.5	< 1	1.6	< 0.3	30	< 0.3	< 1.8	31.6
1/1/1993		8260	< 1.2	< 0.5	< 0.7	< 1.3	< 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 '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-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:

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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-24M

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

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

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

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

Well ID: B-25M

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

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

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

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

Well ID: B-26M

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

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

Well ID: B-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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MONITORING WELL GROUNDWATER ANALYTICAL RESULT SUMMARY
FORMER CARBORUNDUM COMPANY
SANBORN, NEW YORK

Well ID: B-28M

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

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

Well ID: B-28M

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

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

Well ID: B-29M

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

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

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

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

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

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

Well ID: B-30M

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

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

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

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

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

Well ID: B-31M

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

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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

< - 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-32M

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

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

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

Well ID: B-32M

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

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

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

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

Well ID: B-33M

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

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

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

Well ID: B-34M

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

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

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

Well ID: B-37M

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

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

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

Well ID: B-38M

Date	Lab Sample ID	Method	Carbon tetrachloride (µg/L)	Chloroform (µg/L)	1,1- Dichloroethane (µg/L)	1,1- Dichloroethene (µg/L)	Methylene chloride (µg/L)	trans-1,2- Dichloroethene (µg/L)	cis-1,2- Dichloroethene (µg/L)	1,1,1- Trichloroethane (µg/L)	Trichloroethene (µg/L)	Tetrachloroethene (µg/L)	Vinyl chloride (µg/L)	Total
4/8/2019	240-110803-3	8260C	< 1.0	< 1.0	0.78 J	0.67 J	< 5.0	0.78 J	34	< 1.0	28	< 1.0	1.9	66.13
11/20/2019	240-122631-8	624.1_L	< 1.0	< 1.0	0.79 J	0.87 J	< 5.0	0.66	31	0.25 J	30	< 1.0	2.1	65.67
3/26/2020	240-128236-7	8260C	< 1.0	< 1.0	0.68 J	0.65 J	< 5.0	0.66 J	29	0.30 J	32	< 1.0	1.4	64.69
10/29/2020	240-139252-8	8260C	< 1.0	< 1.0	0.64 J	1.3	< 5.0	0.60 J	29	< 1.0	25	< 1.0	3.9	60.44
4/19/2021	240-147939-1	8260C	< 1.0	< 1.0	0.76 J	1.3	< 5.0	0.60 J	37	< 1.0	22	< 1.0	3.7	65.36

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

Well ID: B-39M

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

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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-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

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

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

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

Well ID: B-40M

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

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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
3/27/2020	240-128359-6	8260C	<1	<1	<1.0	<1.0	<5	<1.0	6.3	<1.0	<1.0	<1.0	0.92 J	7.22
4/26/2021	240-148317-5	8260C	<1.0	<1.0	<1.0	<1.0	<5.0	<1.0	4.3	<1.0	0.37 J	<1.0	<1.0	4.67

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

Well ID: B-42M

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

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

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

Well ID: B-43M

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

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

Well ID: B-44M

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

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

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

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

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

Well ID: B-45M

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

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

- 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
3/27/2020	240-128359-7	8260C	< 2	0.3 J	1.1 J	< 2.0	< 10	1.6 J	59	0.95 J	68	< 2.0	2.1	133.05
4/20/2021	240-147939-9	8260C	< 1.0	0.58 J	0.52 J	0.21 J	< 5.0	1.4	47	0.28 J	28	< 1.0	3.4	81.39

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

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

Well ID: B-48M

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

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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-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
3/30/2020	240-128375-16	8260C	<1	<1	0.24 J	<1.0	<5	<1.0	0.50 J	<1.0	<1.0	<1.0	<1.0	0.74
4/22/2021	240-148022-5	8260C	<1.0	<1.0	0.32 J	<1.0	<5.0	<1.0	0.68 J	<1.0	0.11 J	<1.0	<1.0	1.11

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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-50M

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

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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-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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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-52M

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

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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-53M

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

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

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

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

Well ID: B-54M

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

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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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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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- 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
3/26/2020	240-128236-11	8260C	< 4.0	< 4.0	< 4.0	< 4.0	< 20	0.92 J	16	< 4.0	98	< 4.0	< 4.0	114.92
4/20/2021	240-147939-8	8260C	< 4.0	< 4.0	< 4.0	< 4.0	< 20	1.9 J	52	< 4.0	230	< 4.0	< 4.0	283.9

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

Well ID: B-57M

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

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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-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

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

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

Well ID: B-60M

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

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

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

Well ID: B-62M

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

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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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- 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
4/1/2020	240-128428-7	8260C	< 100	< 100	50 J	< 100	< 500	< 100	820	470	2700	< 100	< 100	4040
10/26/2020	240-139061-5	8260C	< 250	< 250	170 J	< 250	< 1300	< 250	2400	1200	11000	< 250	< 250	14770
4/21/2021	240-147939-15	8260C	< 100	< 100	80 J	24 J	< 500	< 100	470	630	1800	< 100	< 100	3004

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

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

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

Well ID: 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
4/1/2020	240-128428-5	8260C	<1.0	<1.0	0.17 J	<1.0	<5.0	2.2	34	<1.0	<1.0	<1.0	2.5	38.87
10/27/2020	240-139061-13	8260C	<1.0	<1.0	0.24 J	<1.0	<5.0	3	30	<1.0	0.68 J	<1.0	0.50 J	34.42
4/21/2021	240-147939-16	8260C	<1.0	<1.0	0.33 J	0.29 J	<5.0	3.7	41	<1.0	1.6	<1.0	3.2	50.12

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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: 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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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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- 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
4/4/2012	6607020	8260	< 2	< 1.6	24	5.1 J	< 4	6.7 J	530	8.6 J	1400	< 1.6	7.6 J	1982
7/17/2012	6723838	8260	< 1	< 0.8	22	5.2	< 2	11	580	6.2	890	< 0.8	< 1	1514.4
10/2/2012	6810734	8260	< 1	< 0.8	19	3.6 J	< 2	9.2	580	4.9 J	850	< 0.8	< 1	1466.7
1/22/2013	6931414	8260	< 1	< 0.8	52	11	< 2	10	620	42	2100	2 J	19	2856
4/3/2013	7010225	8260	< 1	< 0.8	40	7.1	< 2	8.5	520	28	1900	1.9 J	11	2516.5
7/9/2013	7122573	8260	< 5	< 4	39	8.4 J	< 10	7.8 J	700	18 J	2500	< 4	16 J	3289.2
11/12/2013	7275081	8260	< 2	< 1.6	38	10	< 4	9.5 J	750	16	2700	3.4 J	31	3557.9
1/16/2014	7340027	8260	< 1	< 0.8	10	4.1 J	< 2	5.4	330	7.6	1500	1.7 J	4.9 J	1863.7
4/15/2014	7432586	8260	< 0.5	< 0.5	11	4.2	< 2	5.7	330	6.5	1200	1.5	6.5	1565.4
7/8/2014	7526290	8260	< 0.5	< 0.5	7.1	3.2	< 2	5.7	300	4.9	1100	1.9	2.8	1425.6
10/3/2014	7625312	8260	< 0.5	0.6 J	6.5	3.4	< 2	5.1	280	3.7	1000	1.1	2.7	1303.1
1/7/2015	7732751	8260	< 0.5	2.5	14	4.3	< 2	5.1	270	40	1300	0.9 J	0.9 J	1637.7
4/14/2015	7847241	8260	< 0.5	0.87 J	14	3.8	< 2	4.9	270	15	1300	1.3	0.87 J	1610.74
7/8/2015	7960007	SW8260C	< 1	< 1	15	4.2	< 4	4	290	60	1400	< 1	1.7 J	1774.9
10/5/2015	8077926	SW8260C	< 0.5	< 0.5	21	5.6	< 2	7.8	570	35	990	0.96 J	1.3	1631.66
1/6/2016	8197841	SW8260C	< 0.5	< 0.5	22	5.1	< 2	8.7	590	20	860	0.77 J	1.4	1507.97
12/8/2016	240-73270-11	8260C	< 14	< 14	16	< 14	< 14	< 14	52	< 14	140	< 14	10 J	218
5/2/2017	240-79083-6	8260C	< 25	< 25	10 J	< 25	< 25	< 25	250	< 25	1200	< 25	< 25	1460
11/1/2017	240-87694-13	8260C	< 40	< 40	< 40	< 40	< 40	< 40	410	< 40	1300	< 40	< 40	1710
4/17/2018	240-94331-22	8260C	< 20	< 20	17 J	< 20	< 20	< 20	280	< 20	1200	< 20	< 20	1497
8/20/2018	240-100225-4	624.1_P	< 40	< 40	15 J	< 40	< 80	7.3 J	420	13 J	750	< 40	< 80	1205.3
9/26/2018	240-102125-6	8260C	< 20	< 20	10 J	< 20	< 100	4.9 J	370	4.8 J	650	< 20	< 20	1039.7
4/10/2019	240-110803-25	8260C	< 20	< 20	28	5.5 J	< 100	4.6 J	370	53	1500	< 20	< 20	1961.1
11/21/2019	240-122893-5	624.1_L	< 40	< 40	22 J	8.4 J	< 200	8.0 J	500	34 J	2100	< 40	< 40	2672.4
3/30/2020	240-128375-18	8260C	< 40	< 40	27 J	< 40	< 200	< 40	420	15 J	1800	< 40	< 40	2262
10/26/2020	240-139061-1	8260C	< 40	< 40	15 J	< 40	< 200	< 40	360	< 40	990	< 40	< 40	1365
4/21/2021	240-147939-17	8260C	< 40	< 40	39 J	12 J	< 200	13 J	680	17 J	1800	< 40	< 40	2561

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

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

Well ID: PW-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	< 0.5	< 0.7	< 1.3	< 2.5	< 1	240	0.77	170	< 0.3	17	427.77
6/10/1994		8260	< 1.2	< 0.5	3.6	5	20	5.1	990	2.8	1600	< 0.3	87	2713.5
7/6/1994		8260	< 1.2	< 0.5	1.3	< 1.3	< 2.5	1.6	89	7.6	150	< 0.3	5.4	254.9
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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- 3) The method change to 8260 was approved by the NYSDEC and changed in January 2005.

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

Well ID: PW-1

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

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

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

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

Well ID: 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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- 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
3/31/2020	240-128375-1	8260C	< 10	< 10	< 10	12	< 50	11	2800 D	< 10	1300 D	12	420	4555
10/27/2020	240-139061-11	8260C	< 25	< 25	< 25	< 25	< 130	< 25	560	< 25	1100	< 25	< 25	1660
4/21/2021	240-147939-19	8260C	< 200	< 200	< 200	67 J	< 1000	61 J	8900	< 200	8200	< 200	1700	18928

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

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

Well ID: QUARRY POND

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

< - 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: T-002

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

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