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SUBMITTED VIA ELECTRONIC MAIL

June 23, 2017

Mr. Brian Sadowski
New York State Department of Environmental Conservation
Region 9
270 Michigan Avenue
Buffalo, NY 14203

**Subject: Semi-Annual (Spring) 2017 Monitoring Report
Former Carborundum Facility, Village of Sanborn, Town of Wheatfield, New York
NYSDEC Site No. 932102**

Dear Mr. Sadowski,

On behalf of Elm Holdings Inc., AECOM Technical Services, Inc. (AECOM) is pleased to provide the attached Semi-Annual (Spring) 2017 Groundwater Remediation Program Monitoring Report for the subject facility (Site). This report covers activities performed at the Site from January 1, 2017 through May 31, 2017. The semi-annual monitoring data in EQUIS format will be submitted separately.

Please feel free to contact me via e-mail or at (716) 923-1300 if you have any questions regarding this submittal.

Sincerely yours,

James L. Kaczor, PG
Sanborn Site Task Leader
james.kaczor@aecom.com

Attachment

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Project File 60481767/Sanborn



Environment

Prepared by:
AECOM
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June 2017

Semi-Annual - Spring 2017 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 2017 Groundwater Remediation Program Monitoring Report, Former Carborundum Facility, 2040 Cory Drive, Sanborn, NY NYSDEC Site No. 932102

Submitted to:

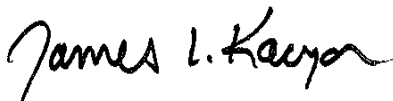
New York State Department of Environmental Conservation
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On behalf of:

Elm Holdings Inc.



Prepared By Tamara Raby



Reviewed By James L. Kaczor, P.G.

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List of Acronyms

COC	chain-of-custody records
DCA	dichloroethane
DCE	dichloroethene
DMR	discharge monitoring report
GPM	gallons per minute
GRS	groundwater remediation system
HDPE	high density polyethylene
LCS	laboratory control sample
MDL	method detection limit
MS/MSD	matrix spike/matrix spike duplicate
µg/L	microgram per liter
NYSDEC	New York State Department of Environmental Conservation
OM&M	Operations, Monitoring, and Maintenance
QA/QC	quality assurance/quality control
RL	reporting limit
ROD	Record of Decision
SPDES	State Pollutant Discharge Elimination System
SVES	Soil Vapor Extraction System
TAL	Test America Laboratories, Inc.
TCA	trichloroethane
TCE	trichloroethene
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, Monitoring, and Maintenance (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. has 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 2017 groundwater sampling event as well as a summary of the OM&M activities completed between January 1 and May 31, 2017 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 Metallics, 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 Metallics' 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 rock and below the top of bedrock (Zone 1). Additional deeper bedrock zones 2, 3, 4, and 5 were found to be less impacted and suitable for monitored natural attenuation. 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 Metallurgics facility were connected to the GRS in 2012. The vault water collection and conveyance (VWCC) system was brought online on June 12, 2012. The GRS is being operated with goals to provide onsite hydraulic containment and to prevent offsite migration of groundwater containing dissolved VOCs.

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 2017 groundwater sampling event is the 114th overall periodic groundwater monitoring event since periodic groundwater sampling began.

2.0 Groundwater Monitoring

Spring 2017 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 2017 groundwater levels were collected on March 30, 2017. Groundwater levels were measured in 58 monitoring wells and six recovery 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. Groundwater measurements were not able to be obtained from well B-51M (restriction in the well) and B-62M (flowing artesian conditions). Table 2 provides a summary of the groundwater level measurements and calculated groundwater elevations.

Groundwater elevation contours for the Top of Rock Zone, which is the focus of the ongoing remediation, are shown in Figure 3. Groundwater elevation contours for Zone 1, the first flow zone below the Top of Rock Zone, are shown in Figure 4. Groundwater flow in both the Top of Rock Zone and Zone 1 is generally to the southeast in the northern part of the Site and to the southwest in the southern part of the Site and south of the Site. Capture zones created by recovery wells PW-3 and P-4 in the Top of Rock Zone, and PW-1 and P-3 in Zone 1, is evident on Figures 3 and 4, respectively. Although PW-1 is a Zone 1 well, a strong influence in the Top of Rock Zone is also evident. Groundwater elevations and resultant flow patterns are consistent with historical data.

2.2 Annual List Sampling – Spring 2017 Groundwater Sampling

Spring 2017 groundwater sampling was completed April 26 through May 4, 2017. The groundwater sampling event included purging and collection of groundwater samples from 35 monitoring wells and six recovery wells 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. In addition to monitoring well samples, samples were also collected from the VWCC influent tank (T-002) inside the groundwater treatment building and from pond surface water in the Niagara Quarry southwest of the Site.

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). To the extent practical, the wells were sampled by group, low to high.

The 35 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 for VOCs. Field sampling forms for each location are included in Appendix A.

The six recovery well samples were collected from sampling ports at the well head or 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. Field sampling forms for each location are included in Appendix A.

The 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 quarry pond 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.

The groundwater, T-002, and quarry surface water samples were placed in new, labeled 40-mL glass vials preserved with hydrochloric acid provided by the laboratory. Three sample vials were collected for each sample location. The containers were visually inspected to confirm that they did not contain air bubbles. All samples were hand-delivered to Test America Laboratories, Inc., (TAL) in Amherst, New York for VOC analysis under secure chain-of-custody (COC). TAL Amherst then transferred the samples to TAL, 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 2017 is presented in Table 5. Spring 2017 TCE, cis-1,2-DCE, vinyl chloride, and total VOC concentration isopleths in the Top of Rock Zone and Zone 1 (the next deeper zone flow zone in the Lockport Dolomite) are provided in Figure 5. TCE, cis-1,2-DCE, vinyl chloride, and total VOC concentration isopleths in Zones 2, 3, 4, and 5 (the next subsequently deeper flow zones in the Lockport Dolomite) are shown in Figure 6. Time series plots for the wells from January 2001 through Spring 2017 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.

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 water samples, two field duplicates, two MS/MSD pairs, and five trip blanks were collected from April 26 to May 4, 2017. The samples were received by the laboratory intact, properly preserved, and under proper COC.

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 and LCS recoveries. Methylene chloride was detected in the method blanks; however the associated samples were not detected for this compound. The recovery of TCE was slightly below the acceptance window in one MSD; the recovery was acceptable in the associated MS and laboratory controls sample.

Several samples were only analyzed at a dilution due to the high concentration of target compounds. The RLs for the non-detect compounds are the lowest achievable at the diluted level.

The relative percent differences between the parent samples and their field duplicates were acceptable (i.e., < 25%), therefore no data qualification was necessary.

All data are usable as reported.

3.2 Data Summary

All samples collected during the Spring 2017 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 2017 analytical results are summarized in Table 5. 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 2017 sampling event. The Spring 2017 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. Comments for wells where concentrations or trends varied from recent and historical monitoring data are listed below:

Top of Rock and Zone 1:

- B-8M
 - TCE – TCE has been observed at an average concentration of approximately 46,000 micrograms per liter ($\mu\text{g/L}$) since January 2001. The Fall (December) 2016 TCE result was below average at 40,000 $\mu\text{g/L}$. The current result of 14,000 $\mu\text{g/L}$ is well below average and is the lowest result observed since January 2015 (11,000 $\mu\text{g/L}$). This well exhibited the highest TCE concentration of all wells sampled this event.
- B-14M
 - Total VOCs – Total VOCs concentration was lower in Spring 2017 (42 $\mu\text{g/L}$) than in 2016 (123 $\mu\text{g/L}$) and consistent with long-term decreasing trend in total VOCs. Total VOCs concentration in 2017 was the lowest observed at this location.
- B-17M
 - TCE – TCE concentration of 6,400 $\mu\text{g/L}$ is at the lower end of the historical range at this location.
 - Total 1,2-DCE – Total 1,2-DCE concentration of 4,000 $\mu\text{g/L}$ is at the lower end of the historical range at this location.
 - Total VOCs – The overall trend for total VOCs in groundwater at this location is decreasing.
- P-2
 - TCE – TCE concentration of 4,000 $\mu\text{g/L}$ was consistent with previous results at this location.
 - Total VOCs – Total VOCs concentration of 5,399 $\mu\text{g/L}$ is within the historical range at this location. The overall trend for total VOCs at this location may be increasing slightly in response to a long-term decreasing trend in groundwater elevation at this location.
- P-4
 - TCE – The TCE concentration of 1,200 $\mu\text{g/L}$ was consistent with previous results following the Fall 2016 result (140 $\mu\text{g/L}$) that was below the historical average.
 - Total 1,2-DCE – Total 1,2-DCE concentration in Spring 2017 (250 $\mu\text{g/L}$) was consistent with previous results following the Fall 2016 concentration (52 $\mu\text{g/L}$) that was below the historical average.
 - Total VOCs – Total VOCs concentration of 1,460 $\mu\text{g/L}$ is consistent with recent results following the Fall 2016 result (218 $\mu\text{g/L}$) that was below the historical average.
- PW-4
 - Total VOCs – Total VOCs concentration (21.6 $\mu\text{g/L}$) was the lowest observed since the July 2015 sampling event. In January 2016, 1,1-dichlorethane (DCA) and 1,1,1-TCA were detected at the highest concentration historically observed and VC was detected at the second highest concentration historically observed. Overall, there is a decreasing trend of total VOC concentration at this location.

Zone 2:

- B-39M
 - Chloroform – Chloroform was not detected in Spring 2017 sample. Chloroform was detected at B-39M in April, July, and October 2015 at concentrations ranging from 0.95 J to 5.4 $\mu\text{g/L}$. Chloroform had not been detected prior to 2015 in B-39M. The detection of chloroform in B-39M, as well as several other wells in 2015, was

suspected as being related to the water line break at the Metallurgical facility that was repaired in January 2015.

- TCE – The TCE concentration in Spring 2017 (4.2 µg/L) was consistent with previous results following the December 2016 concentration (38 µg/L) which was the third highest concentration observed at this location.
- Total 1,2-DCE – The total 1,2-DCE concentration (1.1 µg/L) was consistent with previous results following the December 2016 concentration (10.72 µg/L) being the second highest observed at this location.
- Total VOCs – The total VOCs in Spring 2017 (5.3 µg/L) was the lowest observed at this location since October 2011. This is following the December 2016 concentration (48.72 µg/L) being the highest observed at this location since January 2005.
- B-56M
 - TCE – The TCE concentration in Spring 2017 (290 µg/L) was on the upper end of the range of TCE concentrations observed at this location. This result is less than the December 2016 concentration (330 µg/L) which was the highest observed 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 in the VWCC T-002 sample at the lower end of the respective historical ranges for each compound. Total VOCs in January 2016 (345 µg/L) and December 2016 (150.8 µg/L) were also below recent results and the historical average.

3.2.3 Niagara Quarry Seep and Pond Data Summary

As discussed in Section 2.2, a ponded water sample was collected at the Niagara Quarry. No analytes were identified above the analytical detection limits in the sample from the quarry pond. These results are consistent with historical results. In previous communications with the land owner, NYSDEC has indicated that there appears to be no health risk associated with the quarry seeps.

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:

- Addressed unresponsive float switch on Vault #3 on one occasion;
- Addressed a high level alarm on Vault #3 on three occasions;
- Performed flush of lines between Vault #3 and T-001;
- Performed troubleshooting of P-2 flow meter on one occasion;
- Replaced pump in Vault #3;
- Reset telemetry to PW-3 on three occasions (became inoperative due to power interruptions);
- Reset telemetry to PW-4 on one occasion (became inoperative due to a power interruption);
- Replaced a neutral wire in power cabinet of PW-1;
- Replaced coupling hub on air stripper transfer pump;
- Performed back wash of carbon beds on 11 occasions;
- Replaced bag filters associated with VWCC portion of GRS on two occasions; and,
- Replaced pre-carbon bag filters for GRS on five occasions.

Table 6 summarizes the GRS performance and system uptime for the quarter. The combined average system uptime, based on operational hours relative to total hours for the reporting period, was over 99 percent.

5.0 Effluent and Permit Compliance Summary

During the reporting period, approximately 13.44 million gallons of groundwater were recovered and treated, including water from the vaults in the Metallurgics facility. Treated groundwater was discharged to Cayuga Creek under New York State Pollution Discharge Elimination System (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. The permit renewal was still pending as of the end of this reporting period (May 31, 2017).

The average pumping rate from the system was approximately 43.1 gallons per minute (gpm) during the reporting period. The total extracted mass of VOCs during the last 7 months of 2016 was 86.4 pounds and first five months of 2017 was 391.2 pounds. The extracted mass was estimated using individual well pumping rates and analytical results.

Effluent samples were collected at the outfall (OU1) sample port inside the treatment building. 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 with the exception of phenol results slightly above permit criterion (6 µg/L as compared to 5 µg/L criterion) in December 2016/January 2017 and methylene chloride above permit criterion (16 µg/L as compared to 10 µg/L criterion) in January 2017. A Report of Noncompliance Event was submitted to NYSDEC along with the December 2016 and January 2017 DMRs. A brief discussion of each event follows.

Phenol results – The analytical laboratory for the SPDES analyses was migrated from Eurofins/Lancaster Laboratories (Lancaster, PA) to TAL as of December 1, 2016. The two phenol samples for December 2016, in addition to the two samples for January 2017, were each reported at a concentration of 6 µg/L, as compared to the permit criterion of 5 µg/L. Through discussion with TAL, it was determined that the laboratory's MDL meets the permit criterion of 5 µg/L, with a RL of 10 µg/L. Because the TAL results are above the MDL and below the RL the results are reported as "J" estimated. During the prior 9 months of phenol data (March 2016 through November 2016) analyzed by Eurofins/Lancaster Laboratories, 17 of 18 samples were reported as 2 µg/L U, with one result reported at 2 µg/L. Because TAL is unable to meet the required RL, beginning in 2017 the phenol analyses was migrated back to the laboratory (i.e., Eurofins/Lancaster Laboratories) that performed the analyses March 2016 through November 2016, with a RL of 2 µg/L. Subsequent samples were reported below permit criterion.

Methylene Chloride results – The methylene chloride sample collected on January 31, 2017 was reported at a concentration of 16 µg/L, as compared to 10 µg/L criterion. The result was reviewed with TAL and an internal TAL review was requested. The laboratory review indicated intermittent concerns with laboratory-related methylene chloride in client samples, and as such laboratory contamination

was suspected. No prior methylene chloride results were above permit limit, and subsequent results were non-detect, consistent with historical data.

6.0 Summary and Conclusions

OM&M activities were performed in accordance with approved documents and manuals. As noted in Section 1.0, OM&M of the Site was provided by AECOM this reporting period. As part of the OM&M activities this period, semi-annual (annual (Spring) 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 99 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 Top of Rock 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 the sump in three vaults at the Metallurgical facility remains operational.
- Groundwater concentrations monitored in Spring 2017 were generally consistent with recent data, with some differences observed for samples from wells B-8M, B-14M, B-17M, P-2, P-4, PW-4, B-39M, and B-56M.
- Niagara Quarry surface water concentrations are at or near non-detect levels 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, with the exception of phenol results slightly above permit criterion (6 µg/L as compared to 5 µg/L criterion) in January 2017 and methylene chloride above permit criterion (16 µg/L as compared to 10 µg/L criterion) in January 2017.

A PDF copy of this report is provided on disk in Appendix E.

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-32M	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 2

Quarterly Groundwater Elevation Data - 1Q2017 (March 30, 2017)
Annual Sampling - Spring 2017
Former Carborundum Facility
Sanborn, New York

Monitoring Well ID	Zone Monitored ¹	1Q2017 - March 30, 2017			Remarks
		Top of Riser Elevation (ft)	Water Level (ft)	Groundwater Elevation (ft)	
P-2	1	619.67	20.35	599.32	
P-3	1	627.35	28.65	598.70	
P-4	TOR, 1	624.45	29.90	594.55	
PW-1	1	619.78	20.15	599.63	
PW-3	TOR	618.28	7.09	611.19	
PW-4	TOR, 1	620.84	5.51	615.33	
B-3M	TOR	625.59	15.31	610.28	
B-4M	TOR	622.24	18.85	603.39	needs lock
B-5M	TOR	620.83	5.24	615.59	
B-6M	TOR, 1	615.69	3.96	611.73	
B-7M	TOR	616.22	4.07	612.15	
B-8M	TOR, 1	618.57	5.24	613.33	
B-9M	TOR	623.03	6.15	616.88	
B-10M	TOR, 1	626.05	7.25	618.80	
B-11M	1	622.81	7.71	615.10	
B-12M	TOR	622.17	11.74	610.43	
B-13M	TOR, 1	626.70	21.67	605.03	
B-14M	TOR	618.25	3.20	615.05	
B-15M	TOR, 1	623.98	4.91	619.07	
B-16M	TOR, 1	624.31	8.46	615.85	
B-17M	TOR, 1	622.07	18.29	603.78	
B-18M	3	618.69	4.66	614.03	
B-19M	3	626.01	15.81	610.20	
B-20M	3	615.32	4.98	610.34	
B-21M	TOR, 1	622.56	6.89	615.67	
B-22M	TOR, 1	622.29	19.59	602.70	
B-23M	TOR, 1	617.71	18.74	598.97	
B-24M	TOR, 1	617.24	8.76	608.48	
B-25M	TOR	619.31	8.79	610.52	
B-26M	TOR, 1	618.06	6.77	611.29	
B-27M	TOR, 1	626.04	11.04	615.00	
B-28M	1	622.62	22.38	600.24	
B-29M	1 2	618.31	23.27	595.04	
B-31M	3	613.78	5.76	608.02	
B-32M	1	619.35	29.47	589.88	
B-33M	1	612.43	18.02	594.41	
B-37M	TOR	616.90	6.95	609.95	
B-38M	1 2	609.81	27.05	582.76	
B-39M	2	626.12	10.28	615.84	
B-40M	3	626.23	11.27	614.96	
B-41M	4	626.31	13.20	613.11	
B-42M	2	623.76	8.44	615.32	
B-43M	3	623.64	10.51	613.13	
B-44M	4	623.29	12.21	611.08	
B-45M	1	612.12	15.69	596.43	
B-46M	2	613.46	17.89	595.57	
B-48M	2	625.40	10.26	615.14	
B-49M	4	625.56	19.80	605.76	
B-50M	2	616.47	5.00	611.47	
B-51M	4	616.48	NM	NA	Restriction in the well. Unable to drop the probe beyond ground level.
B-52M	TOR, 1	616.26	4.83	611.43	
B-53M	2	616.14	4.78	611.36	
B-54M	4	616.00	4.77	611.23	
B-55M	5	615.59	19.71	595.88	
B-56M	2	617.78	19.71	598.07	
B-57M	2	617.80	21.29	596.51	
B-58M	3	617.99	19.59	598.40	
B-59M	4	625.53	16.34	609.19	
B-60M	3	625.67	10.24	615.43	
B-61M	2	625.72	9.35	616.37	
B-62M	5	624.14	Flowing artesian	NA	
B-63M	1	624.04	7.66	616.38	
B-64M	2	624.05	7.85	616.20	
B-65M	3	623.98	8.91	615.07	
B-66M	2	625.54	8.95	616.59	
B-67M	1	625.59	8.61	616.98	

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 3

**Groundwater Sampling Purge Data
Annual Sampling - Spring 2017
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	5/2/2017	15:50	21.3	NM	NA	NA	NA	3	Pumping well
P-3	5/2/2017	14:45	25.9	NM	NA	NA	NA	3	Pumping well
P-4	5/2/2017	14:55	29.62	NM	NA	NA	NA	3	Pumping well
PW-1	5/2/2017	15:10	17.75	NM	NA	NA	NA	3	Pumping well
PW-3	5/1/2017	14:25	12.45	NM	NA	NA	NA	3	Pumping well
PW-4	5/2/2017	16:00	3.89	NM	NA	NA	NA	3	Pumping well
B-3M	4/26/2017	12:20	14.6	25.05	10.45	1.78	2	2	
B-6M	5/4/2017	12:10	3.9	19.15	15.25	2.59	3	2	
B-7M	5/2/2014	14:20	2.3	18.85	16.55	2.81	3	2	
B-8M	5/1/2017	13:50	4.5	17.8	13.3	2.26	4.5	2	
B-9M	4/28/2017	13:45	6.25	21.18	14.93	2.54	2.5	2	
B-10M	4/28/2017	12:40	7.42	27.92	20.5	3.49	5	2	
B-11M	5/1/2017	11:40	6.75	23.78	17.03	2.90	3.5	2	
B-12M	5/2/2017	12:50	10.1	20.4	10.3	1.75	2	2	
B-13M	4/26/2017	14:35	21.08	36.05	14.97	2.54	5	2	
B-14M	5/3/2017	9:05	2.44	15.77	13.33	2.27	4	2	
B-16M	5/1/2017	12:45	7.28	25.2	17.92	3.05	3	2	
B-17M	4/26/2017	9:35	17.78	26.01	8.23	1.40	4	2	
B-18M	5/2/2017	10:10	2.75	50.41	47.66	8.10	6	2	Field duplicate #2
B-19M	4/26/2017	15:50	15.45	26.1	10.65	1.81	5	2	
B-21M	4/27/2017	13:10	6.85	26.38	19.53	3.32	3	2	
B-22M	4/27/2017	13:45	19.75	35.92	16.17	2.75	3	4	
B-23M	5/3/2017	12:20	17.03	31.74	14.71	2.50	5	4	
B-24M	5/3/2017	13:25	8.05	26.65	18.6	3.16	3	2	
B-28M	4/27/2017	15:35	23.38	34.51	11.13	1.89	6	4	MS/MSD
B-29M	5/3/2017	11:20	20.6	38.51	17.91	3.04	5	4	
B-32M	4/28/2017	9:50	29.3	40.47	11.17	1.90	4.5	4	
B-38M	4/27/2017	10:30	27.09	41.21	14.12	2.40	5	4	
B-39M	4/28/2017	15:00	10.43	44.79	34.36	5.84	6	4	
B-40M	5/1/2017	10:25	10.5	57.95	47.45	8.07	6.5	4	
B-41M	4/28/2017	13:05	13.45	72.66	59.21	10.07	7	4	Field duplicate #1
B-42M	4/26/2017	11:00	7.95	45.4	37.45	6.37	6.5	2	
B-43M	4/26/2017	12:20	10.1	58.88	48.78	8.29	9	4	
B-44M	4/26/2017	10:35	11.66	76.13	64.47	10.96	11.5	4	
B-46M	4/28/2017	11:00	18.39	40.02	21.63	3.68	4	2	
B-48M	5/2/2017	11:50	8.45	46.9	38.45	6.54	6	4	MS/MSD
B-49M	4/26/2017	15:10	19.59	82.5	62.91	10.69	10	4	
B-50M	5/4/2017	11:25	4.15	35.8	31.65	5.38	5	2	
B-52M	5/4/2017	9:30	4.02	22.41	18.39	3.13	3	2	
B-53M	5/4/2017	10:20	3.97	37.27	33.3	5.66	4	3	
B-56M	5/3/2017	13:55	17.68	39.67	21.99	3.74	6	4	
Tank-002	5/3/2017	14:00	NM	NM	NA	NA	NA	1	

Notes:

Purge codes: 1 - Sample port purged prior to sampling.
2 - Peristaltic pump.

3 - Disposable polyethylene bailer.
4 - Bladder pump with flow through cell.

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 2017
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	5/2/2017	15:50	11.56	0.679	7.69	2.5	Pumping well
P-3	5/2/2017	14:45	11.59	0.78	7.64	2.5	Pumping well
P-4	5/2/2017	14:55	11.51	0.97	7.73	2.5	Pumping well
PW-1	5/2/2017	15:10	11.86	0.439	7.93	1.2	Pumping well
PW-3	5/1/2017	14:25	13.51	1.03	7.83	2.5	Pumping well
PW-4	5/2/2017	16:00	12.27	0.515	7.72	2.2	Pumping well
B-3M	4/26/2017	12:20	11.2	1.98	7.33	10	
B-6M	5/4/2017	12:10	11.09	1.48	7.83	48.7	
B-7M	5/2/2014	14:20	9.77	0.591	7.47	24.0	
B-8M	5/1/2017	13:50	12.39	0.685	7.79	7.5	
B-9M	4/28/2017	13:45	10.3	0.338	7.68	1.9	
B-10M	4/28/2017	12:40	11.47	1.03	7.43	0.0	
B-11M	5/1/2017	11:40	10.03	3.43	7.75	3.3	
B-12M	5/2/2017	12:50	10.71	0.521	7.49	0.0	
B-13M	4/26/2017	14:35	12.1	2.31	7.25	2.4	
B-14M	5/3/2017	9:05	9.69	0.564	7.62	9.2	
B-16M	5/1/2017	12:45	11.02	0.575	8.07	0.0	
B-17M	4/26/2017	9:35	11.24	2.1	7.24	0.6	
B-18M	5/2/2017	10:10	11.43	0.763	7.59	0.0	
B-19M	4/26/2017	15:50	11.97	2.20	6.96	1.3	
B-21M	4/27/2017	13:10	14.26	0.931	7.47	0.0	
B-22M	4/27/2017	13:45	13	1.29	7.45	3.1	
B-23M	5/3/2017	12:20	10.9	0.764	7.54	2.2	
B-24M	5/3/2017	13:25	10.62	0.936	6.87	0.0	
B-28M	4/27/2017	15:35	13.08	0.833	7.55	11.9	
B-29M	5/3/2017	11:20	11.16	1.92	7.40	5.4	
B-32M	4/28/2017	9:50	10.65	0.815	7.45	0.0	
B-38M	4/27/2017	10:30	11.76	1.08	7.51	7.2	
B-39M	4/28/2017	15:00	12.7	0.667	7.61	0.0	
B-40M	5/1/2017	10:25	11.87	0.989	7.73	0.2	
B-41M	4/28/2017	13:05	12.83	1.14	7.78	4.0	
B-42M	4/26/2017	11:00	16.08	1.01	7.17	1.5	
B-43M	4/26/2017	12:20	13.04	1.17	7.17	0.0	
B-44M	4/26/2017	10:35	12.63	2.74	7.04	0.8	
B-46M	4/28/2017	11:00	11.07	0.876	7.34	0.0	
B-48M	5/2/2017	11:50	10.57	0.634	7.56	0.0	
B-49M	4/26/2017	15:10	15.95	2.55	6.90	5.5	
B-50M	5/4/2017	11:25	10.03	0.708	7.44	0.0	
B-52M	5/4/2017	9:30	9.11	0.763	7.59	3.9	
B-53M	5/4/2017	10:20	9.87	0.692	7.62	0.0	
B-56M	5/3/2017	13:55	10.92	0.848	7.56	0.1	
Tank-002	5/3/2017	14:00	12.1	0.787	7.8	Max	

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 2017
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	240-78855-5	4/26/2017	0	0	1.3 J	0	0	1.9 J	110	111.9	0	26	14	0
B- 6M	240-79160-10	5/4/2017	0	0	0	0	0	0	13	13	0	180	0	0
B- 7M	240-79083-4	5/2/2017	0	0	0	0	0	0	0.76 J	0.76	0	4.5	0	0
B- 8M	240-78974-4	5/1/2017	0	0	0	0	0	0	430 J	430	0	14,000	0	0
B- 9M	240-78929-5	4/28/2017	0	0	0	0	0	0	0	0	0	0.36 J	0	0.63 J
B-10M	240-78929-3	4/28/2017	0	0	0.38 J	0	0	0	3	3	2.1	21	0	0
B-11M	240-78974-2	5/1/2017	0	0	0	0	0	0	6.7	6.7	0	91	0	3.4
B-12M	240-79083-3	5/2/2017	0	0	0	0	0	0	14	14	1.1 J	140	0	0
B-13M	240-78855-6	4/26/2017	0	0	10 J	0	0	5.5 J	390	395.5	0	260	8.7 J	0
B-14M	240-79160-1	5/3/2017	0	0	0	0	0	0	2.2	2.2	0	39	0	0.32 J
B-16M	240-78974-3	5/1/2017	0	0	0	0	0	0	0	0	0	0	0	0
B-17M	240-78855-1	4/26/2017	0	0	65 J	0	0	0	4,000	4,000	0	6,400	510	0
B-18M	240-79083-10	5/2/2017	0	0	0	0	0	1.8	72	143.5	0	0	27	0
B-19M	240-78855-8	4/26/2017	0	0	0	0	0	0	1.1	1.1	0	0	0.71 J	0
B-21M	240-78855-11	4/27/2017	0	0	0	0	0	0	0	0	0	0	0	0
B-22M	240-78855-12	4/27/2017	0	0	0.41 J	0	0	2.2	50	52.2	0	20	0	0
B-23M	240-79160-3	5/3/2017	0	0	1.1 J	0	0	2.7	76	78.7	0.58 J	86	8.8	0
B-24M	240-79160-4	5/3/2017	0	0	0	0	0	0	1.8	1.8	0	4.2	0	0
B-28M	240-78855-13	4/27/2017	0	0	0	0	0	0	0	0	0	0	0	0
B-29M	240-79160-2	5/3/2017	0	0	0	0	0	0	1.1	1.1	0	0	0	0
B-32M	240-78929-1	4/28/2017	0	0	0.83 J	0.69 J	0	0.92 J	42	42.92	0	21	1.9	0
B-38M	240-78855-9	4/27/2017	0	0	0.55 J	0.73 J	0	0.64 J	35	35.64	0	21	2.9	0
B-39M	240-78929-6	4/28/2017	0	0	0	0	0	0	1.1	1.1	0	4.2	0	0
B-40M	240-78974-1	5/1/2017	0	0	0	0	0	0.68 J	4.9	5.58	0	5	0	0
B-41M	240-78929-7	4/28/2017	0	0	0	0	0	0	8.7	17.4	0	0	2.9	0
B-42M	240-78855-2	4/26/2017	0	0	0	0	0	0.92 J	8.1	9.02	0	4.9	0	0
B-43M	240-78855-4	4/26/2017	0	0	0	0	0	0	7.4	7.4	0	0.36 J	5.7	0
B-44M	240-78855-3	4/26/2017	0	0	7.1	0	0	0.52 J	8.6	9.12	0	2.5	5.4	0
B-46M	240-78929-2	4/28/2017	0	0	0	0	0	0.67 J	16	16.67	0	8.9	0.80 J	0
B-48M	240-79083-2	5/2/2017	0	0	0	0	0	0	0	0	0	0.57 J	0	0
B-49M	240-78855-7	4/26/2017	0	0	0	0	0	0	0.38 J	0.38	0	0	0	0
B-50M	240-79160-9	5/4/2017	0	0	0	0	0	1.3 J	17	18.3	0	75	0	0
B-52M	240-79160-7	5/4/2017	0	0	0	0	0	0	0	0	0	0	0	0
B-53M	240-79160-8	5/4/2017	0	0	0	0	0	0	2.2	2.2	0	3.7	0.61 J	0
B-56M	240-79160-5	5/3/2017	0	0	0	0	0	0	26	26	0	290	0	0
P- 2	240-79083-8	5/2/2017	0	0	79 J	0	0	0	350	350	470	4,500	0	0
P- 3	240-79083-5	5/2/2017	0	0	0	0	0	2.8	33	35.8	0	0.78 J	7.2	0
P- 4	240-79083-6	5/2/2017	0	0	10 J	0	0	0	250	250	0	1,200	0	0
PW- 1	240-79083-7	5/2/2017	0	0	0	0	0	0	210	210	0	850	0	0
PW- 3	240-78974-5	5/1/2017	0	0	0	0	0	0	37	37	0	380	0	8.7 J
PW- 4	240-79083-9	5/2/2017	0	0	0	0	0	0	1.6	1.6	0	20	0	0
QUARRY POND	240-78855-10	4/27/2017	0	0	0	0	0	0	0	0	0	0	0	0
T-002	240-79160-6	5/3/2017	0	0	3.5 J	0	0	0	180	180	0	300	8.6 J	0

µg/L - microgram per liter
ID - identification

Table 6

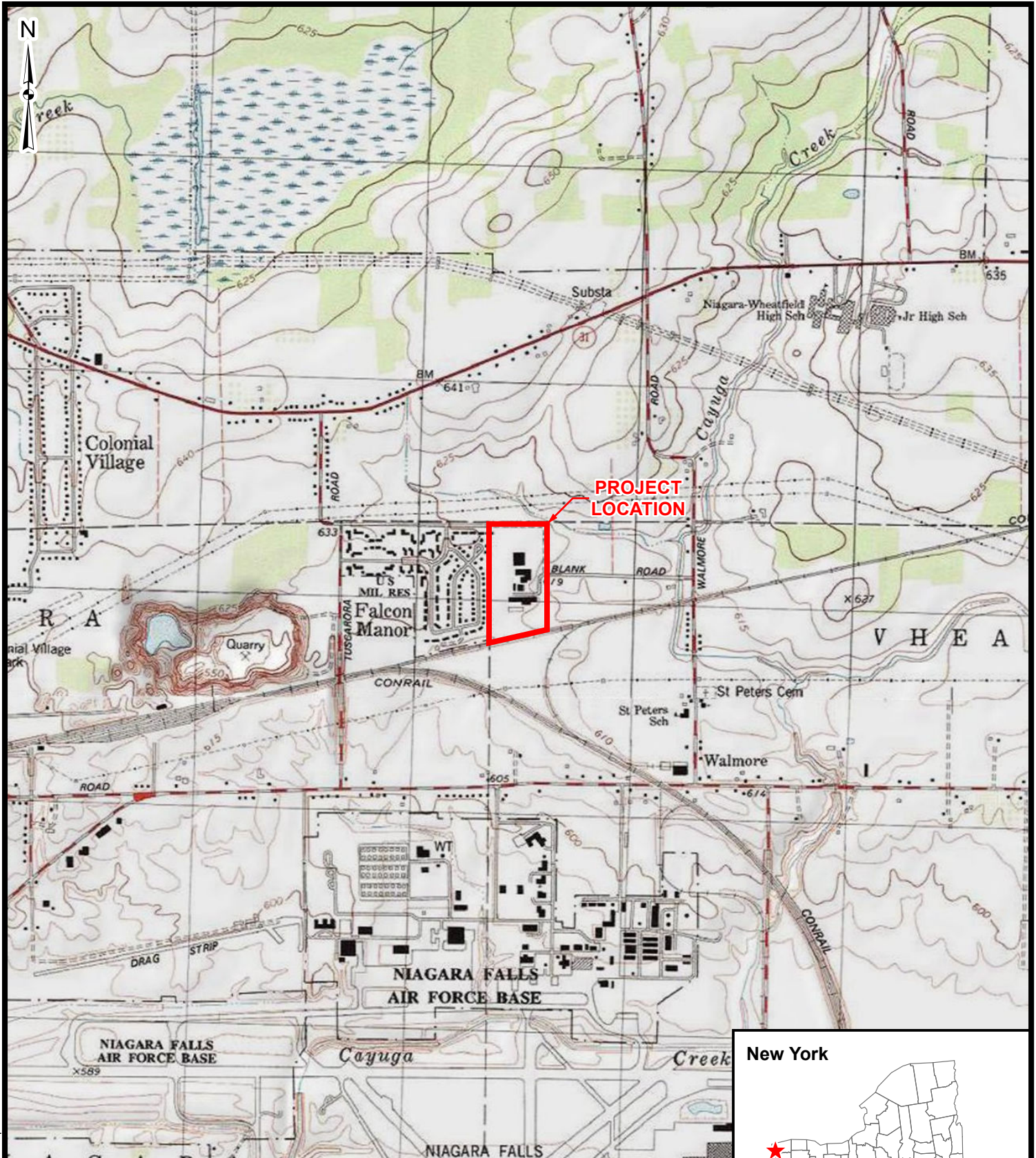
Groundwater Remediation System Performance Summary
Former Carborundum Facility
Sanborn, New York

Well	Category	Units	June 2016	July 2016	August 2016	September 2016	October 2016	November 2016	December 2016	Annual Total 2016	January 2017	February 2017	March 2017	April 2017	May 2017	Annual Total 2017
		Days	30	31	31	30	31	30	31	366	31	28	31	30	31	151 of 365
P-2	Uptime	(%)	100%	99%	98%	100%	99%	100%	100%	100%	99%	99%	99%	99%	99%	99%
	Average Flow	(gpm)	2.2	1.6	1.6	1.0	1.1	1.3	2.0	1.4	3.8	5.3	6.0	5.2	5.2	5.1
	Total Flow	(gal)	96,567	71,053	73,499	44,814	49,693	54,707	91,273	752,634	170,695	212,334	270,020	224,130	230,000	1,107,179
	VOC Concentration	(ppb)	6,039	6,039	6,039	6,039	6,039	6,039	7,090	NA	7,090	7,090	7,090	7,090	5,399	NA
	Total Contaminant removed	(lbs)	4.9	3.6	3.7	2.3	2.5	2.8	5.4	38.7	10.1	12.6	16.0	13.3	10.4	62.2
	% of Total Flow		4.00%	4.20%	3.08%	2.78%	3.44%	3.93%	6.45%	3.00%	8.72%	5.10%	7.00%	5.45%	5.17%	6.29%
P-3	Uptime	(%)	100%	99%	98%	100%	99%	100%	100%	100%	99%	99%	99%	99%	99%	99%
	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)	977	581	561	243	108	95	114	10,177	180	8	0	0	0	188
	VOC Concentration	(ppb)	40	40	40	40	40	40	52	NA	52	52	52	52	44	NA
	Total Contaminant removed	(lbs)	0.0003	0.0002	0.0002	0.0001	0.0000	0.0000	0.0000	0.0034	0.0001	0.0000	0.0000	0.0000	0.0000	0.0
	% of Total Flow		0.04%	0.03%	0.02%	0.02%	0.01%	0.01%	0.01%	0.03%	0.01%	0.00%	0.00%	0.00%	0.00%	0.00%
P-4	Uptime	(%)	100%	99%	98%	100%	99%	100%	100%	100%	99%	99%	99%	99%	99%	99%
	Average Flow	(gpm)	0.3	0.1	0.0	0.0	0.0	0.0	0.0	0.5	0.2	0.6	1.5	1.3	1.5	1.0
	Total Flow	(gal)	14,311	4,946	1,594	354	483	669	888	181,800	7,510	24,847	66,839	54,733	68,444	222,373
	VOC Concentration	(ppb)	1,508	1,508	1,508	1,508	1,508	1,508	218	NA	218	218	218	218	1,460	NA
	Total Contaminant removed	(lbs)	0.2	0.1	0.0	0.0	0.0	0.0	0.0	2.3	0.0	0.0	0.1	0.1	0.8	1.1
	% of Total Flow		0.59%	0.29%	0.07%	0.02%	0.03%	0.05%	0.06%	0.71%	0.38%	0.60%	1.73%	1.33%	1.54%	1.12%
PW-1	Uptime	(%)	100%	99%	98%	100%	99%	100%	100%	100%	99%	99%	99%	99%	99%	99%
	Average Flow	(gpm)	52.7	35.9	50.5	35.2	31.1	30.9	28.9	64.4	35.5	91.4	72.4	84.8	90.1	74.8
	Total Flow	(gal)	2,277,568	1,602,238	2,255,154	1,520,612	1,387,580	1,334,813	1,289,166	26,834,307	1,584,623	3,683,975	3,230,400	3,664,305	4,021,943	16,185,246
	VOC Concentration	(ppb)	328	328	328	328	328	328	2,780	NA	2,780	2,780	2,780	2,780	1,060	NA
	Total Contaminant removed	(lbs)	6.2	4.4	6.2	4.2	3.8	3.7	29.9	99.8	36.7	85.4	74.9	85.0	35.6	317.6
	% of Total Flow		94.31%	94.77%	94.61%	94.32%	96.10%	95.99%	91.16%	92.43%	80.94%	88.54%	83.73%	89.08%	90.44%	86.54%
PW-3	Uptime	(%)	100%	99%	98%	100%	58%	0%	32%	82%	99%	99%	99%	99%	99%	99%
	Average Flow	(gpm)	0.6	0.3	1.2	1.1	0.1	0.0	0.7	1.8	4.4	5.9	6.5	3.9	2.8	4.7
	Total Flow	(gal)	25,472	11,805	52,839	46,118	6,091	257	32,769	922,889	194,818	239,817	290,980	170,404	126,685	1,022,704
	VOC Concentration	(ppb)	1,988	1,988	1,988	1,988	1,988	1,988	1,270	NA	1,270	1,270	1,270	1,270	426	NA
	Total Contaminant removed	(lbs)	0.4	0.2	0.9	0.8	0.1	0.0	0.3	15.1	2.1	2.5	3.1	1.8	0.5	9.9
	% of Total Flow		1.05%	0.70%	2.22%	2.86%	0.42%	0.02%	2.32%	2.71%	9.95%	5.76%	7.54%	4.14%	2.85%	6.05%
Vaults (T-002)	Uptime	(%)	100%	99%	98%	100%	99%	100%	100%	100%	99%	99%	99%	99%	99%	99%
	Average Flow	(gpm)	0.1	0.1	0.1	0.0	0.0	0.0	0.1	0.3	0.2	0.3	0.6	1.3	1.5	0.8
	Total Flow	(gal)	5,559	4,907	4,309	2,015	1,862	1,449	2,392	172,830	6,763	10,652	26,868	56,532	65,291	166,106
	VOC Concentration	(ppb)	345	345	345	345	345	345	154	NA	154	154	154	154	492	NA
	Total Contaminant removed	(lbs)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.5	0.0	0.0	0.0	0.1	0.3	0.4
	% of Total Flow		0.23%	0.29%	0.18%	0.12%	0.13%	0.10%	0.17%	0.47%	0.35%	0.26%	0.70%	1.37%	1.47%	0.83%
Well Head	Average Flow	(gpm)	56	38	53	37	32	32	32	55	44	103	86	95	100	86
	Total Flow-Well heads	(gal)	2,414,895	1,690,623	2,383,647	1,612,141	1,443,955	1,390,541	1,414,210	28,701,807	1,957,826	4,160,981	3,858,239	4,113,572	4,447,072	18,537,690
Groundwater Remediation System Total																
	Uptime	(%)	100%	99%	98%	100%	92%	83%	89%	97%	99%	99%	99%	99%	99%	99%
	Average Flow	(gpm)	41.1	16.8	34.0	31.1	27.3	27.4	29.7	41.7	50.9	62.9	67.7	64.9	62.8	61.8
	Total Flow-PLC Meter	(gal)	1,776,700	752,100	1,519,400	1,344,700	1,218,900	1,184,200	1,325,000	21,943,800	2,273,200	2,535,500	3,022,200	2,803,400	2,802,400	13,436,700
	VOCs to Influent	(ppm)	10.2	10.2	10.2	10.2	10.2	10.2	11.6	124.3	11.6	11.6	11.6	11.6	8.9	55
	Total Contaminant Removed	(lbs)	11.7	8.2	10.8	7.2	6.4	6.4	35.6	156.4	48.9	100.6	94.1	100.2	47.5	391.2

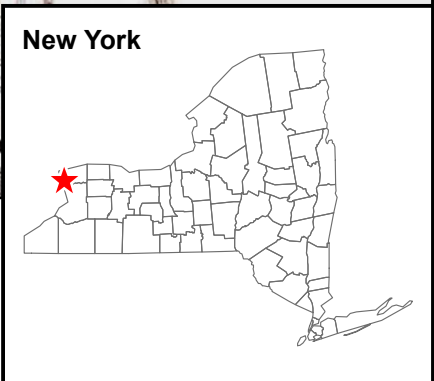
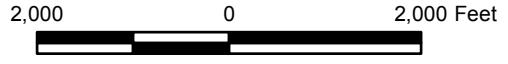
Notes:

- For the trailing twelve month period ending 5/31/17.
 - Uptime estimated and reflects potential uptime.
 - Flow rates are estimated throughout the period due to meter malfunctions.
- % - percent
 gpm - gallons per minute
 gal - gallons
 ppb - parts per billion
 ppm - parts per million
 lbs - pounds

Figures



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



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**FORMER CARBORUNDUM FACILITY
 SANBORN, NEW YORK
 PROJECT LOCATION PLAN**

FIGURE 1



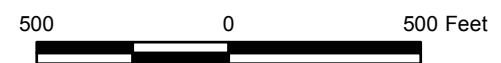
J:\Projects\60481767_BP\IP\MISC\GIS\Sanborn\Maps\2017\Q1\SITE PLAN.mxd 6/5/2017



Legend

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

Source: ESRI World Imagery



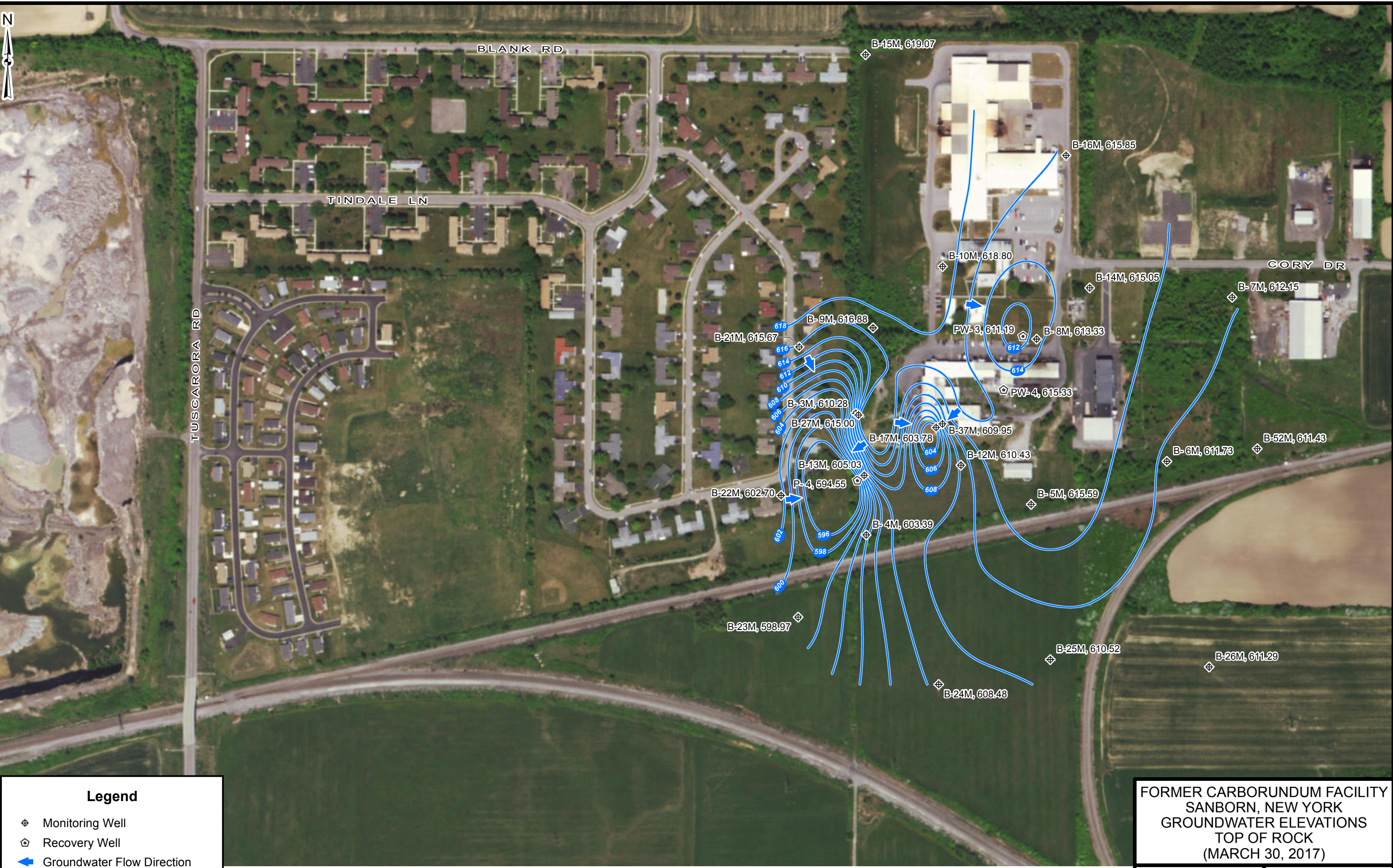
FORMER CARBORUNDUM FACILITY
SANBORN, NEW YORK
SITE PLAN



FIGURE 2



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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 30, 2017)



FIGURE 3

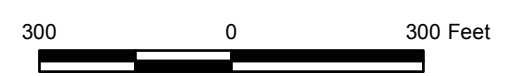
J:\Projects\60481767_BPIPO\MISC\GIS\Sanborn\Maps\2017\Q1\GROUNDWATER CONTOURS - Z1.mxd 6/5/2017



Legend

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

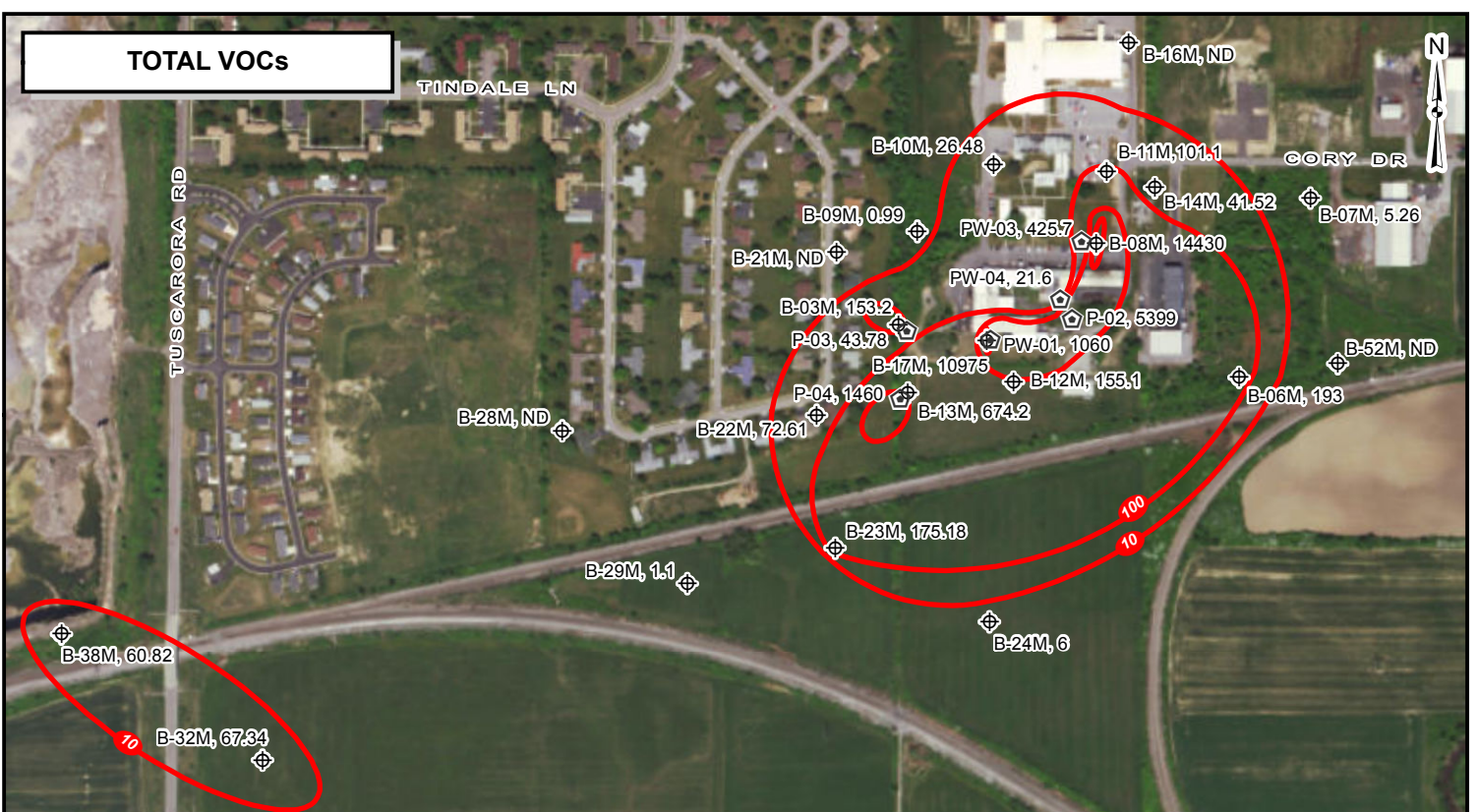
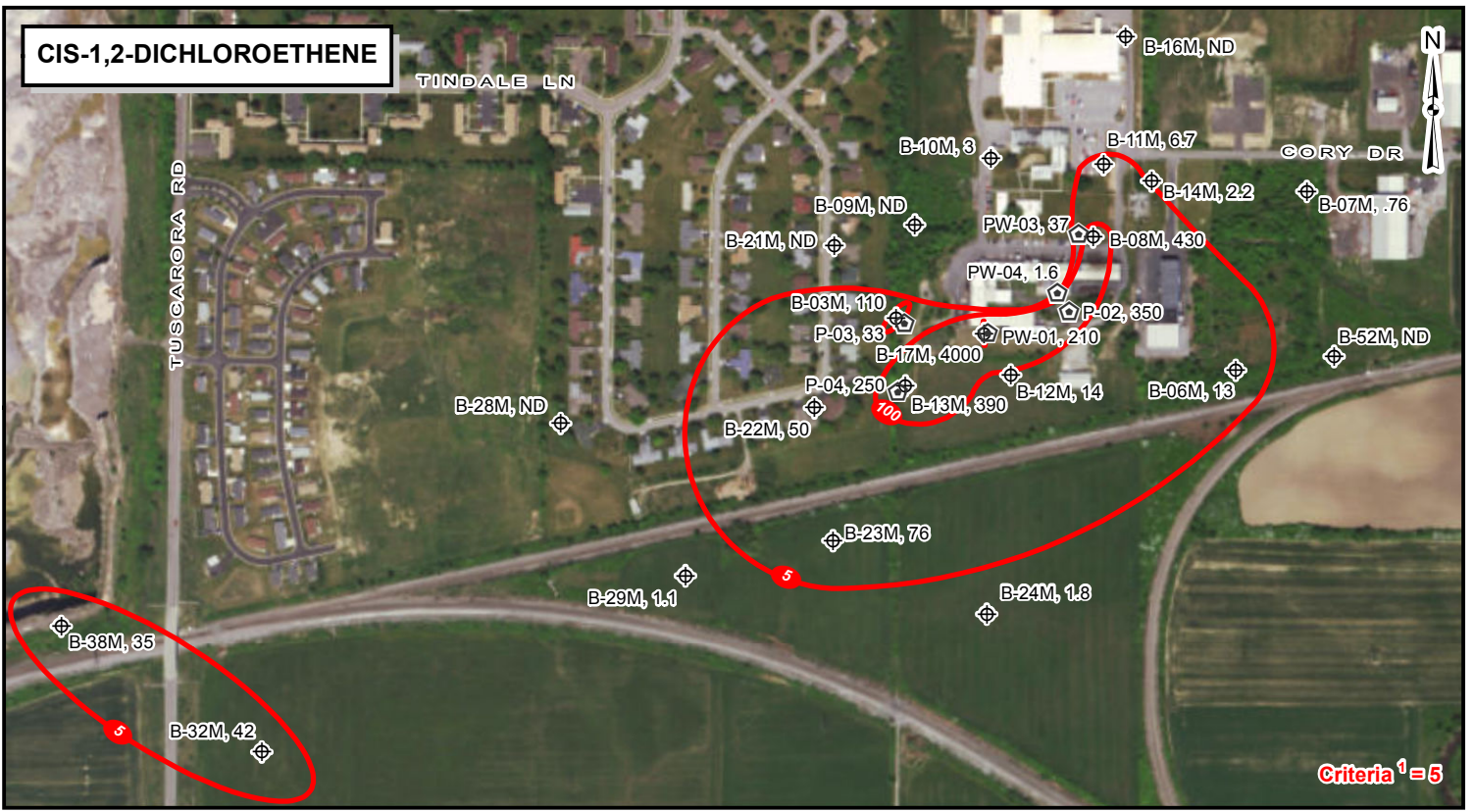
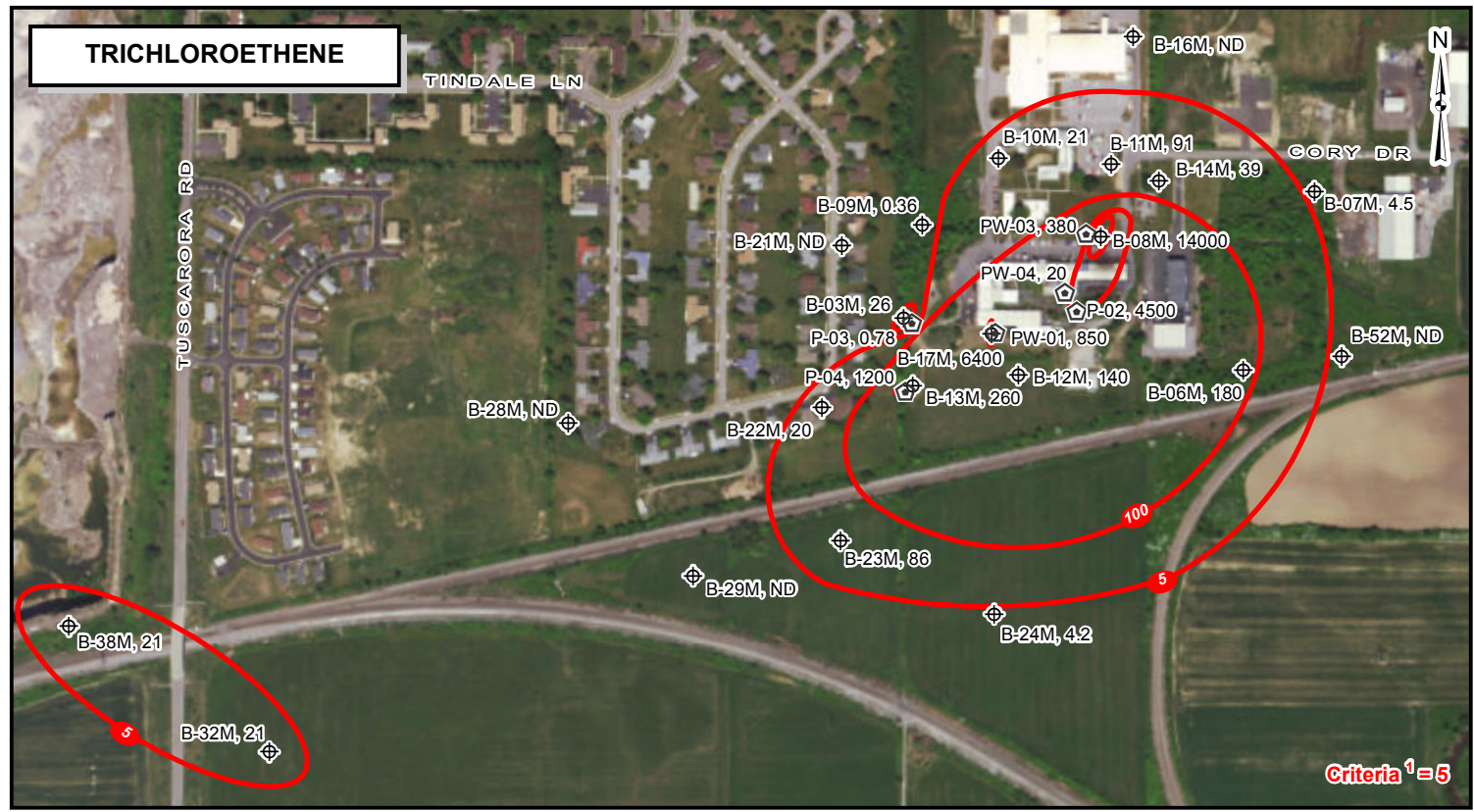
Source: ESRI World Imagery



FORMER CARBORUNDUM FACILITY
 SANBORN, NEW YORK
 GROUNDWATER ELEVATIONS
 ZONE 1
 (MARCH 30, 2017)



FIGURE 4



Legend

- ⊕ Monitoring Well
- ⊙ Recovery Well
- Isoconcentration Contour

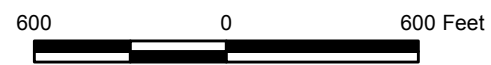
Notes:
 1. Criteria = NYSDEC TOGS 1.1.1 Ambient Water Quality Standards, Class GA
 2. Units are shown in µg/L
 3. ND = Not Detected

Source:
 ESRI World Imagery

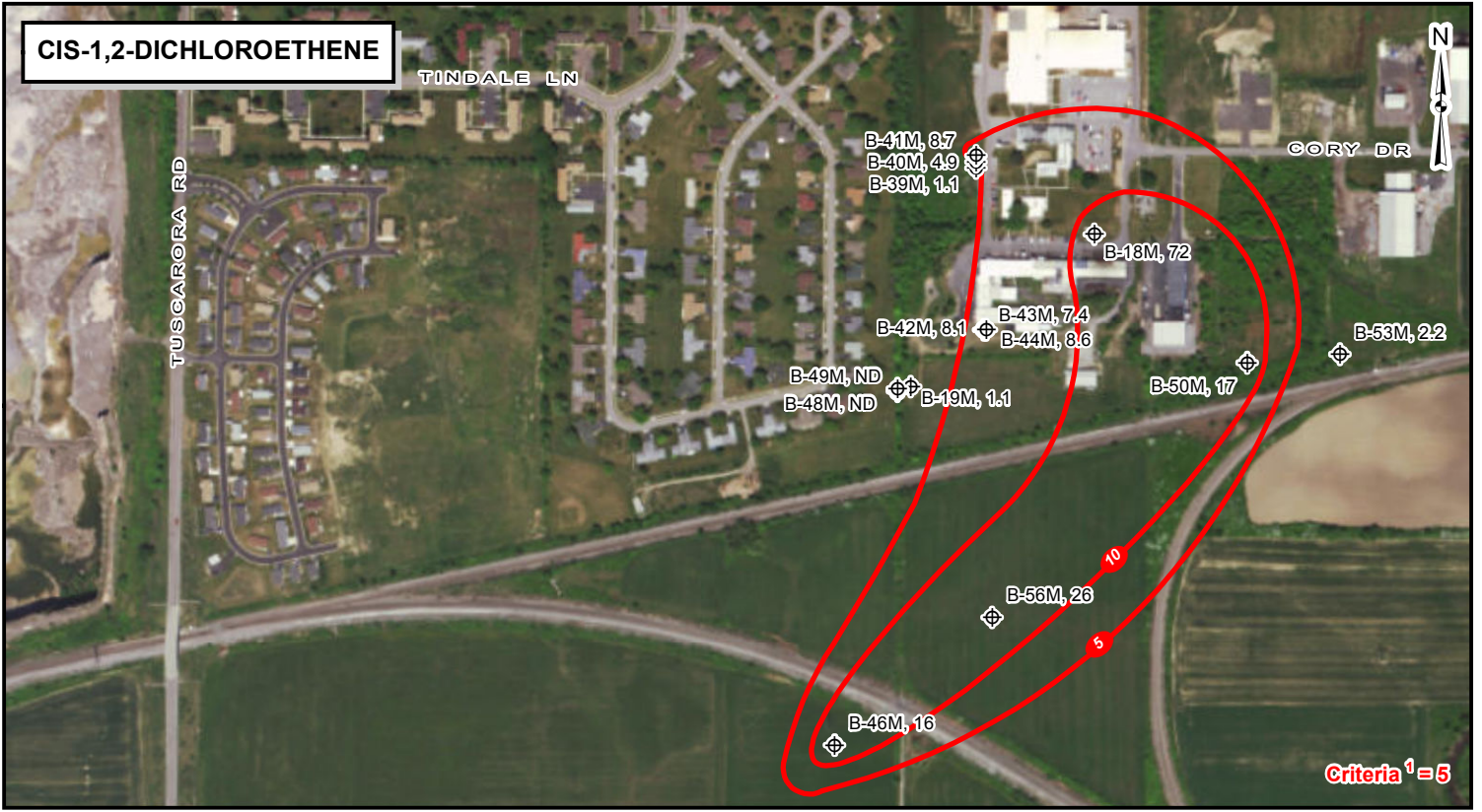
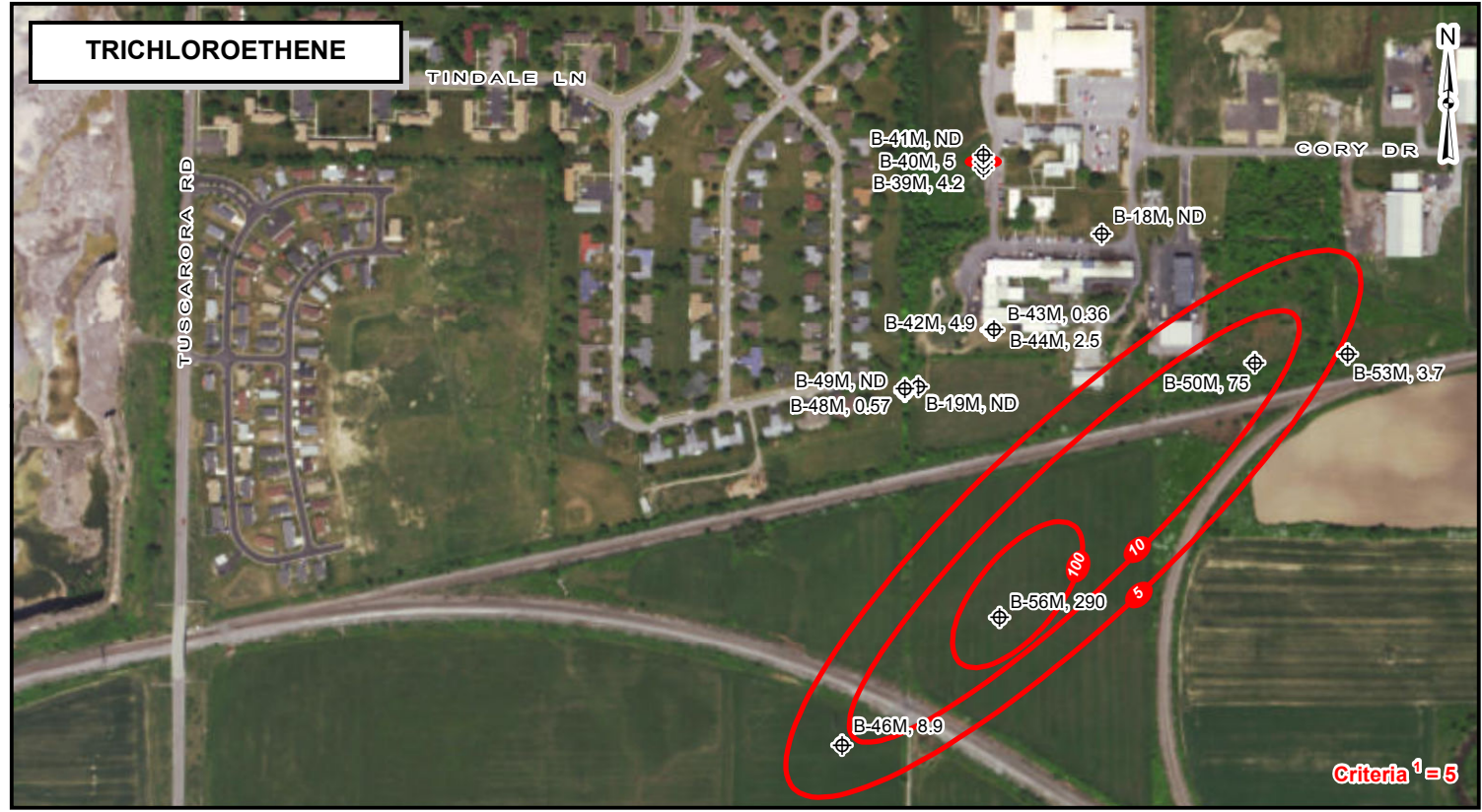
FORMER CARBORUNDUM FACILITY
 SANBORN, NEW YORK
 ISOCONTOURS IN TOP OF ROCK AND ZONE 1
 (ANNUAL SAMPLING - SPRING 2017)



FIGURE 5



J:\Projects\60481767_BIP\GIS\Sanborn\Maps\2017\Q1\ISOPLETHS - TOR & Z1.mxd 6/15/2017



Legend

- ⊕ Monitoring Well
- ⊖ Recovery Well
- Isoconcentration Contour

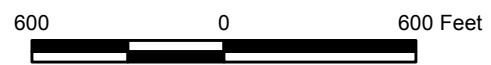
Notes:
 1. Criteria = NYSDEC TOGS 1.1.1 Ambient Water Quality Standards, Class GA
 2. Units are shown in µg/L
 3. ND = Not Detected

Source:
 ESRI World Imagery

FORMER CARBORUNDUM FACILITY
 SANBORN, NEW YORK
 ISOCONTOURS IN ZONES 2, 3, 4, & 5
 (ANNUAL SAMPLING - SPRING 2017)



FIGURE 6



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Appendix A

Groundwater Sampling Field Forms

Low Flow Sampling Record

bp



Site Name: IP-BP Sanborn

Well ID: P-02

Well Diameter:

Samplers:
M Kucen
E Thulmer

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

Acceptance Criteria:
Temp ± 3%
pH ± 0.1 unit
Sp. Cond. ± 3%
ORP ± 10mV
DO ± 10%
Turbidity <50 NTU
Drawdown <0.3 ft

Weather: 50° cloudy

gal = (Total Depth of Well - Depth to Water) × Casing volume per foot

Purging Data: feet below top of inner casing

Method: Peri / Bladder

Date: 5/2/17 Time: 15:50 (hhmm)

Initial Depth to Water: 21130

Depth to Bottom:

Time (hhmm)	DTW (ft)	Pump Rate (ml/min)	Volume (gal.)	Temp (C')	Sp. Cond (ms/cm)	DO (mg/L)	pH	ORP (mV)	Turb (NTU)	Comments:
15:50	21.30			11.56	01679	1.31	7.69	87	2.5	

Sample Collection Method: Peri / Bladder

Date: 5/2/17

Time: 15:50

Total Volume of Water Purged (gal):

Hach Test Kits

Alkalinity (mg/L)	N/A
Carbon Dioxide (mg/L)	N/A
Ferrous Iron (mg/L)	N/A
Hydrogen Sulfide (mg/L)	N/A
DTW	

Comments:

Sample Set

Parameter	Bottle	Pres.	Method
VOCs	3-40 mL glass vial	HCL	8260C
Dissolved Fe & K	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

Low Flow Sampling Record



Site Name: IP-BP Sanborn	Well ID: P-03	Well Diameter:
Samplers: M. Klockner E. Thalman	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 <small>gal = (Total Depth of Well - Depth to Water) x Casing volume per foot</small>	Acceptance Criteria: Temp ± 3% pH ± 0.1 unit Sp. Cond. ± 3% ORP ± 10mV DO ± 10% Turbidity <50 NTU Drawdown <0.3 ft
Weather: 50° cloudy		

Purging Data:

Method: Peri / Bladder	Date: 5/2/17	Time: 14:45 (hhmm)	Initial Depth to Water: 25.90	Depth to Bottom:
------------------------	--------------	--------------------	-------------------------------	------------------

Time hhmm	DTW (ft)	Pump Rate (ml/min)	Volume (gal.)	Temp (C)	Sp. Cond (ms/cm)	DO (mg/L)	pH	ORP (mV)	Turb (NTU)	Comments:
14:45	25.90			11.59	0.781	0.100	7.64	76	2.15	

Sample Collection Method: Peri / Bladder	Date: 5/2/17	Time: 14:45	Total Volume of Water Purged (gal):
--	--------------	-------------	-------------------------------------

Hach Test Kits

Alkalinity (mg/L)	N/A
Carbon Dioxide (mg/L)	N/A
Ferrous Iron (mg/L)	N/A
Hydrogen Sulfide (mg/L)	N/A
DTW	

Comments:


Sample Set

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

Low Flow Sampling Record											
Site Name: IP-BP Sanborn			Well ID: P-04				Well Diameter:			bp	
Samplers: M Worku E Tullhame			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: 50° cloudy											
Purging Data:						feet below top of inner casing					
Method: Peri / Bladder		Date: 5/2/17		Time: 14:55 (hhmm)		Initial Depth to Water: 29.62			Depth to Bottom:		
Time hhmm	DTW (ft)	Pump Rate (ml/min)	Volume (gal.)	Temp (C°)	Sp. Cond (ms/cm)	DO (mg/L)	pH	ORP (mV)	Turb (NTU)	Comments:	
14:55	29.62			11.51	0.973	2.30	7.73	78	2.5		

Sample Collection Method:		Date: 5/2/17		Time: 14:55		Total Volume of Water Purged (gal):	
Peri / Bladder							
Hach Test Kits		Sample Set					
Alkalinity (mg/L)	N/A	Parameter	Bottle	Pres.	Method		
Carbon Dioxide (mg/L)	N/A	VOCs <input checked="" type="checkbox"/>	3-40 mL glass vial	HCL	8260C		
Ferrous Iron (mg/L)	N/A	Dissolved Fe & K <input type="checkbox"/>	1-500 mL poly(field filtered)	HNO3	6010C		
Hydrogen Sulfide (mg/L)	N/A	TOC <input type="checkbox"/>	2-40mL amber glass vial	H2SO4	9060A		
DTW		M.E.E <input type="checkbox"/>	3-40 mL glass vial	HCL	RSK-175 mod		
Comments:		Sulfide <input type="checkbox"/>	1- 250mL glass (field filtered)	NaOH/Zn Acetate	SM 4500 S2		
		Sulfate <input type="checkbox"/>	2-40 mL glass vial (field filtered)	unpreserved	300.0		
		Microbial Population <input type="checkbox"/>	In-line filter	N/A	CENSUS		

Low Flow Sampling Record											
Site Name: IP-BP Sanborn				Well ID: PW-01				Well Diameter:			
Samplers: <i>M Kevin E. Thalhauer</i>				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 <small>gal = (Total Depth of Well - Depth to Water) × Casing volume per foot</small>				Acceptance Criteria: Temp ± 3% pH ± 0.1 unit Sp. Cond. ± 3% ORP ± 10mV DO ± 10% Turbidity <50 NTU Drawdown <0.3 ft			
Weather: <i>50° cloudy</i>											
Purging Data:						feet below top of inner casing					
Method: Peri / Bladder		Date: <i>5/2/17</i>		Time: <i>15:10</i> (hhmm)		Initial Depth to Water: <i>17.75</i>		Depth to Bottom:			
Time hhmm	DTW (ft)	Pump Rate (ml/min)	Volume (gal.)	Temp (C°)	Sp. Cond (ms/cm)	DO (mg/L)	pH	ORP (mV)	Turb (NTU)	Comments:	
<i>15:10</i>	<i>17.75</i>			<i>11.86</i>	<i>0.139</i>	<i>3.54</i>	<i>7.93</i>	<i>80</i>	<i>1.2</i>		
Sample Collection Method: Peri / Bladder		Date: <i>5/2/17</i>		Time: <i>15:10</i>		Total Volume of Water Purged (gal):					
Hach Test Kits				Sample Set							
Alkalinity (mg/L)		N/A		Parameter		Bottle		Pres.		Method	
Carbon Dioxide (mg/L)		N/A		VOCs		3-40 mL glass vial		HCL		8260C	
Ferrous Iron (mg/L)		N/A		Dissolved Fe & K		1-500 mL poly(field filtered)		HNO3		6010C	
Hydrogen Sulfide (mg/L)		N/A		TOC		2-40mL amber glass vial		H2SO4		9060A	
DTW				M.E.E		3-40 mL glass vial		HCL		RSK-175 mod	
Comments:				Sulfide		1- 250mL glass (field filtered)		NaOH/Zn Acetate		SM 4500 S2	
				Sulfate		2-40 mL glass vial (field filtered)		unpreserved		300.0	
				Microbial Population		In-line filter		N/A		CENSUS	

Low Flow Sampling Record											
Site Name: IP-BP Sanborn				Well ID: PW-03				Well Diameter: 			
Samplers: <i>Michelle Thomson</i>				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 <small>gal = (Total Depth of Well - Depth to Water) × Casing volume per foot</small>				Acceptance Criteria: Temp ± 3% pH ± 0.1 unit Sp. Cond. ± 3% ORP ± 10mV DO ± 10% Turbidity <50 NTU Drawdown <0.3 ft			
Purging Data: Method: Peri / Bladder						Date: 5/1/17					
						Time: (hhmm)					
						Initial Depth to Water: 12.45					
						Depth to Bottom:					
Time	DTW	Pump Rate	Volume	Temp	Sp. Cond	DO	pH	ORP	Turb	Comments:	
hhmm	(ft)	(ml/min)	(gal.)	(C°)	(ms/cm)	(mg/L)		(mV)	(NTU)		
14:25	12.45			13.51	1103	0.0	7.83	57	2.5		
Sample Collection Method: Peri / Bladder		Date: 5/1/17		Time: 14:25		Total Volume of Water Purged (gal):					
Hach Test Kits			Sample Set								
Alkalinity (mg/L)	N/A		Parameter		Bottle	Pres.	Method				
Carbon Dioxide (mg/L)	N/A		VOCs	<input checked="" type="checkbox"/>	3-40 mL glass vial	HCL	8260C				
Ferrous Iron (mg/L)	N/A		Dissolved Fe & K	<input type="checkbox"/>	1-500 mL poly(field filtered)	HNO3	6010C				
Hydrogen Sulfide (mg/L)	N/A		TOC	<input type="checkbox"/>	2-40mL amber glass vial	H2SO4	9060A				
DTW			M.E.E	<input type="checkbox"/>	3-40 mL glass vial	HCL	RSK-175 mod				
Comments:			Sulfide	<input type="checkbox"/>	1- 250mL glass (field filtered)	NaOH/Zn Acetate	SM 4500 S2				
			Sulfate	<input type="checkbox"/>	2-40 mL glass vial (field filtered)	unpreserved	300.0				
			Microbial Population	<input type="checkbox"/>	In-line filter	N/A	CENSUS				
				<input type="checkbox"/>							

Low Flow Sampling Record											
Site Name: IP-BP Sanborn			Well ID: <u>9W-04</u>			Well Diameter:			bp		
Samplers: <u>M. Verduin</u> <u>E. Thalmann</u>			Water Volume Calculation			Acceptance Criteria: Temp ± 3% pH ± 0.1 unit Sp. Cond. ± 3% ORP ± 10mV DO ± 10% Turbidity <50 NTU Drawdown <0.3 ft					
Weather: <u>50° cloudy</u>			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								
Purging Data:						feet below top of inner casing					
Method: Peri / Bladder		Date: <u>5/2/17</u>		Time: <u>16:00</u> (hhmm)		Initial Depth to Water: <u>3.89</u>			Depth to Bottom:		
Time hhmm	DTW (ft)	Pump Rate (ml/min)	Volume (gal.)	Temp (C°)	Sp. Cond (ms/cm)	DO (mg/L)	pH	ORP (mV)	Turb (NTU)	Comments:	
<u>16:00</u>	<u>3.89</u>			<u>12.27</u>	<u>0.515</u>	<u>0.00</u>	<u>7.72</u>	<u>53</u>	<u>2.2</u>		
Sample Collection Method: Peri / Bladder		Date: <u>5/2/17</u>		Time: <u>16:00</u>		Total Volume of Water Purged (gal):					
Hach Test Kits			Sample Set								
Alkalinity (mg/L)	N/A		Parameter	Bottle	Pres.	Method					
Carbon Dioxide (mg/L)	N/A		VOCs	<input checked="" type="checkbox"/> 3-40 mL glass vial	HCL	8260C					
Ferrous Iron (mg/L)	N/A		Dissolved Fe & K	<input type="checkbox"/> 1-500 mL poly(field filtered)	HNO3	6010C					
Hydrogen Sulfide (mg/L)	N/A		TOC	<input type="checkbox"/> 2-40mL amber glass vial	H2SO4	9060A					
DTW			M.E.E	<input type="checkbox"/> 3-40 mL glass vial	HCL	RSK-175 mod					
Comments:			Sulfide	<input type="checkbox"/> 1- 250mL glass (field filtered)	NaOH/Zn Acetate	SM 4500 S2					
			Sulfate	<input type="checkbox"/> 2-40 mL glass vial (field filtered)	unpreserved	300.0					
			Microbial Population	<input type="checkbox"/> In-line filter	N/A	CENSUS					

Low Flow Sampling Record

bp

Site Name: IP-BP Sanborn

Well ID: B-3m

Well Diameter: 2"



Samplers: MK + TV

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	

Acceptance Criteria:	
Temp	± 3%
pH	± 0.1 unit
Sp. Cond.	± 3%
ORP	± 10mV
DO	± 10%
Turbidity	<50 NTU
Drawdown	<0.3 ft

Weather: 60° cloudy

gal = (Total Depth of Well - Depth to Water) × Casing volume per foot

Purging Data: feet below top of inner casing
 Method: Peri / Bladder Date: 4/26/17 Time: 11:21 (hhmm)
 Initial Depth to Water: 14.60 Depth to Bottom: 25.05

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:
11:25	14.60	250		11.47	2.85	0.80	7.16	-96	20.9	
11:30	14.60	150		11.44	2.72	0.64	7.26	-80	23.8	
11:35	14.60	150		11.42	2.48	0.74	7.31	-67	24.1	
11:40	14.60	150		11.37	2.31	0.79	7.32	-53	23.6	
11:45	14.60	150		11.34	2.20	0.73	7.31	-44	18.5	
11:50	14.60	150		11.29	2.16	0.67	7.29	-40	15.8	
11:55	14.60	150		11.23	2.08	0.63	7.28	-35	14.2	
12:00	14.60	150		11.21	2.08	0.62	7.28	-35	11.9	
12:05	14.60	150		11.13	2.00	0.78	7.31	-43	12.7	
12:10	14.60	150		11.14	1.96	0.86	7.33	-44	11.7	
12:15	14.60	150		11.16	1.97	0.88	7.34	-42	10.5	
12:20	14.60	150		11.20	1.98	0.86	7.33	-40	10.0	

Sample Collection Method: Peri / Bladder Date: 4/26/17 Time: 12:20 Total Volume of Water Purged (gal): 2

Hach Test Kits	
Alkalinity (mg/L)	N/A
Carbon Dioxide (mg/L)	N/A
Ferrous Iron (mg/L)	N/A
Hydrogen Sulfide (mg/L)	N/A
DTW	

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

Comments:

Low Flow Sampling Record bp 

Site Name: IP-BP Sanborn	Well ID: <i>B-6M</i>	Well Diameter: <i>2"</i>
Samplers: <i>T. Urban</i> <i>E. Thibault</i>	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 <small>gal = (Total Depth of Well - Depth to Water) × Casing volume per foot</small>	Acceptance Criteria: Temp ± 3% pH ± 0.1 unit Sp. Cond. ± 3% ORP ± 10mV DO ± 10% Turbidity <50 NTU Drawdown <0.3 ft
Weather: <i>~50° Cloudy</i>		

Purging Data:		feet below top of inner casing	
Method: <u>Peri</u> Bladder	Date: <i>5-4-17</i>	Time: <i>11:25</i> <small>(hhmm)</small>	Initial Depth to Water: <i>3.90</i>
			Depth to Bottom: <i>19.15</i>

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:
<i>11:30</i>	<i>5.20</i>	<i>200</i>		<i>10.78</i>	<i>1.80</i>	<i>0.00</i>	<i>7.84</i>	<i>-126</i>	<i>422</i>	
<i>11:35</i>	<i>5.30</i>	<i>200</i>		<i>10.81</i>	<i>1.75</i>	<i>0.00</i>	<i>7.86</i>	<i>-129</i>	<i>357</i>	
<i>11:40</i>	<i>5.41</i>	<i>200</i>		<i>10.84</i>	<i>1.73</i>	<i>0.00</i>	<i>7.88</i>	<i>-132</i>	<i>233</i>	
<i>11:45</i>	<i>5.75</i>	<i>200</i>		<i>10.90</i>	<i>1.65</i>	<i>0.00</i>	<i>7.87</i>	<i>-135</i>	<i>143</i>	
<i>11:50</i>	<i>5.75</i>	<i>200</i>		<i>10.93</i>	<i>1.61</i>	<i>0.00</i>	<i>7.87</i>	<i>-135</i>	<i>124</i>	
<i>11:55</i>	<i>5.75</i>	<i>200</i>		<i>10.97</i>	<i>1.58</i>	<i>0.00</i>	<i>7.87</i>	<i>-134</i>	<i>104</i>	
<i>12:00</i>	<i>5.75</i>	<i>200</i>		<i>11.04</i>	<i>1.50</i>	<i>0.00</i>	<i>7.86</i>	<i>-131</i>	<i>72.1</i>	
<i>12:05</i>	<i>5.75</i>	<i>200</i>		<i>11.08</i>	<i>1.50</i>	<i>0.00</i>	<i>7.82</i>	<i>-129</i>	<i>51.8</i>	
<i>12:10</i>	<i>5.75</i>	<i>200</i>		<i>11.09</i>	<i>1.48</i>	<i>0.00</i>	<i>7.83</i>	<i>-125</i>	<i>48.7</i>	

Sample Collection Method: <u>Peri</u> Bladder	Date: <i>5/4/17</i>	Time: <i>12:10</i>	Total Volume of Water Purged (gal): <i>3 gal</i>
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Hach Test Kits	
Alkalinity (mg/L)	N/A
Carbon Dioxide (mg/L)	N/A
Ferrous Iron (mg/L)	N/A
Hydrogen Sulfide (mg/L)	N/A
DTW	

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

Comments:

Low Flow Sampling Record											
Site Name: <u>IP-BP Sanborn</u>				Well ID: <u>B-07M</u>				Well Diameter: <u>2"</u>			
Samplers: <u>M. Kuczek</u> <u>E. Balon</u>				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 <small>gal = (Total Depth of Well - Depth to Water) x Casing volume per foot</small>				Acceptance Criteria: Temp ± 3% pH ± 0.1 unit Sp. Cond. ± 3% ORP ± 10mV DO ± 10% Turbidity <50 NTU Drawdown <0.3 ft			
Weather: <u>50° raining</u>											
Purging Data:						feet below top of inner casing					
Method: <u>Peri Bladder</u>		Date: <u>5/2/17</u>		Time: <u>13:45</u> (hhmm)		Initial Depth to Water <u>2.30</u>			Depth to Bottom <u>18.85</u>		
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:	
<u>13:50</u>	<u>2.32</u>	<u>350</u>		<u>10.76</u>	<u>0.594</u>	<u>3.02</u>	<u>8.10</u>	<u>-39</u>	<u>761</u>		
<u>13:55</u>	<u>2.32</u>	<u>350</u>		<u>9.77</u>	<u>0.596</u>	<u>0.00</u>	<u>7.67</u>	<u>-40</u>	<u>180</u>		
<u>14:00</u>	<u>2.34</u>	<u>350</u>		<u>9.80</u>	<u>0.590</u>	<u>0.00</u>	<u>7.60</u>	<u>-24</u>	<u>69.4</u>		
<u>14:05</u>	<u>2.35</u>	<u>350</u>		<u>9.81</u>	<u>0.590</u>	<u>0.00</u>	<u>7.58</u>	<u>-16</u>	<u>69.8</u>		
<u>14:10</u>	<u>2.35</u>	<u>350</u>		<u>9.80</u>	<u>0.590</u>	<u>0.00</u>	<u>7.56</u>	<u>-10</u>	<u>43.6</u>		
<u>14:15</u>	<u>2.35</u>	<u>350</u>		<u>9.81</u>	<u>0.591</u>	<u>0.00</u>	<u>7.49</u>	<u>-5</u>	<u>30.1</u>		
<u>14:20</u>	<u>2.35</u>	<u>350</u>		<u>9.77</u>	<u>0.591</u>	<u>0.00</u>	<u>7.47</u>	<u>0</u>	<u>24.0</u>		
Sample Collection Method: <u>Peri / Bladder</u> Date: <u>5/2/17</u> Time: <u>14:20</u> Total Volume of Water Purged (gal): <u>3.0</u>											
Hach Test Kits				Sample Set							
Alkalinity (mg/L)		N/A		Parameter	Bottle	Pres.	Method				
Carbon Dioxide (mg/L)		N/A		VOCs	<input checked="" type="checkbox"/> 3-40 mL glass vial	HCL	8260C				
Ferrous Iron (mg/L)		N/A		Dissolved Fe & K	<input type="checkbox"/> 1-500 mL poly(field filtered)	HNO3	6010C				
Hydrogen Sulfide (mg/L)		N/A		TOC	<input type="checkbox"/> 2-40mL amber glass vial	H2SO4	9060A				
DTW				M.E.E	<input type="checkbox"/> 3-40 mL glass vial	HCL	RSK-175 mod				
Comments:				Sulfide	<input type="checkbox"/> 1- 250mL glass (field filtered)	NaOH/Zn Acetate	SM 4500 S2				
				Sulfate	<input type="checkbox"/> 2-40 mL glass vial (field filtered)	unpreserved	300.0				
				Microbial Population	<input type="checkbox"/> In-line filter	N/A	CENSUS				

Low Flow Sampling Record										
Site Name: <u>IP-BP Sanborn</u>		Well ID: <u>B-8M</u>			Well Diameter: <u>2"</u>			Acceptance Criteria: Temp ± 3% pH ± 0.1 unit Sp. Cond. ± 3% ORP ± 10mV DO ± 10% Turbidity <50 NTU Drawdown <0.3 ft		
Samplers: <u>R. Th-luv</u> <u>A. Kucza</u>		Water Volume Calculation			gal = (Total Depth of Well - Depth to Water) x Casing volume per foot					
Weather: <u>NO, Rain</u>		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								
Purging Data:					feet below top of inner casing					
Method: <u>Peri / Bladder</u>		Date: <u>5-17</u>		Time: <u>3:10</u> (hhmm)		Initial Depth to Water: <u>4.50</u>		Depth to Bottom: <u>7.80</u>		
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:
13:15	4.67	300		12.14	0.745	0.00	7.99	-7	72.3	
13:20	4.70	300		11.94	0.741	0.00	7.86	-3	67.0	
13:25	4.71	300		12.00	0.724	0.00	7.68	8	49.1	
13:30	4.71	300		12.07	0.705	0.00	7.68	16	29.5	
13:35	4.71	300		12.12	0.699	0.00	7.83	17 18	14.5	
13:40	4.71	300		12.24	0.697	0.00	7.77	23	11.6	
13:45	4.71	300		12.22	0.689	0.00	7.70	31	7.5	
13:50	4.71	300		12.39	0.685	0.00	7.79	30	7.5	

Sample Collection Method: <u>Peri / Bladder</u>		Date: <u>5/17</u>	Time: <u>13:50</u>	Total Volume of Water Purged (gal): <u>4.5</u>	
Hach Test Kits		Sample Set			
Alkalinity (mg/L)	N/A	Parameter	Bottle	Pres.	Method
Carbon Dioxide (mg/L)	N/A	VOCs	3-40 mL glass vial	HCL	8260C
Ferrous Iron (mg/L)	N/A	Dissolved Fe & K	1-500 mL poly(field filtered)	HNO3	6010C
Hydrogen Sulfide (mg/L)	N/A	TOC	2-40mL amber glass vial	H2SO4	9060A
DTW		M.E.E	3-40 mL glass vial	HCL	RSK-175 mod
Comments:		Sulfide	1- 250mL glass (field filtered)	NaOH/Zn Acetate	SM 4500 S2
		Sulfate	2-40 mL glass vial (field filtered)	unpreserved	300.0
		Microbial Population	In-line filter	N/A	CENSUS

Low Flow Sampling Record											
Site Name: IP-BP Sanborn			Well ID: B-9M				Well Diameter:			bp	
Samplers: M. Cucuzka + E. Johnson			Water Volume Calculation				Acceptance Criteria:				
			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				Temp ± 3% pH ± 0.1 unit Sp. Cond. ± 3% ORP ± 10mV DO ± 10% Turbidity <50 NTU Drawdown <0.3 ft				
Weather: 60° P. Cloudy			gal = (Total Depth of Well - Depth to Water) × Casing volume per foot								
Purging Data:						feet below top of inner casing					
Method: <u>Peri</u> Bladder		Date: 4/28/17		Time: 13:01 (hhmm)		Initial Depth to Water: 6.25			Depth to Bottom: 21.18		
Time hhmm	DTW (ft)	Pump Rate (ml/min)	Volume (gal.)	Temp (C°)	Sp. Cond (ms/cm)	DO (mg/L)	pH	ORP (mV)	Turb (NTU)	Comments:	
13:05	6.25	200		10.34	0.335	0.05	7.77	44	22.6		
13:10	6.25	200		10.65	0.333	0.06	7.65	34	13.6		
13:15	6.25	200		10.55	0.332	0.06	7.50	35	11.6		
13:20	6.25	200		10.61	0.331	0.06	7.60	25	8.9		
13:25	6.25	200		10.51	0.331	0.06	7.60	21	6.6		
13:30	6.25	200		10.42	0.332	0.06	7.58	20	5.9		
13:35	6.25	200		10.26	0.335	0.06	7.70	11	2.4		
13:40	6.25	200		10.39	0.335	0.06	7.61	13	2.1		
13:45	6.25	200		10.30	0.338	0.06	7.68	8	1.9		
Sample Collection Method: Peri / Bladder		Date: 4/28/17		Time: 13:45		Total Volume of Water Purged (gal): 2.5					
Hach Test Kits				Sample Set							
Alkalinity (mg/L)		N/A		Parameter		Bottle		Pres.		Method	
Carbon Dioxide (mg/L)		N/A		VOCs		3-40 mL glass vial		HCL		8260C	
Ferrous Iron (mg/L)		N/A		Dissolved Fe & K		1-500 mL poly(field filtered)		HNO3		6010C	
Hydrogen Sulfide (mg/L)		N/A		TOC		2-40mL amber glass vial		H2SO4		9060A	
DTW				M.E.E		3-40 mL glass vial		HCL		RSK-175 mod	
Comments:				Sulfide		1- 250mL glass (field filtered)		NaOH/Zn Acetate		SM 4500 S2	
				Sulfate		2-40 mL glass vial (field filtered)		unpreserved		300.0	
				Microbial Population		In-line filter		N/A		CENSUS	

Low Flow Sampling Record

bp

Site Name: IP-BP Sanborn	Well ID: B-10M	Well Diameter: 2"	
Samplers: M. Kuznetsov + E. Thibault	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 <small>gal = (Total Depth of Well - Depth to Water) × Casing volume per foot</small>	Acceptance Criteria: Temp ± 3% pH ± 0.1 unit Sp. Cond. ± 3% ORP ± 10mV DO ± 10% Turbidity < 50 NTU Drawdown < 0.3 ft	
Weather: 60° P. Sunny			

Purging Data:		feet below top of inner casing			
Method: Peri / Bladder	Date: 4/28/17	Time: 11:58 (hhmm)	Initial Depth to Water: 7.42	Depth to Bottom: 27.92	

Time hhmm	DTW (ft)	Pump Rate (ml/min)	Volume (gal.)	Temp (C)	Sp. Cond (ms/cm)	DO (mg/L)	pH	ORP (mV)	Turb (NTU)	Comments:
12:00	7.64	450		11.08	1.03	2.99	7.72	8	29.9	
12:05	7.71	375		11.21	1.03	1.41	7.53	22	5.8	
12:10	7.68	375		11.40	1.04	1.51	7.53	27	1.8	
12:15	7.68	375		11.43	1.04	1.37	7.43	35	0.0	
12:20	7.68	375		11.42	1.04	0.83	7.38	40	0.0	
12:25	7.68	375		11.48	1.04	0.59	7.42	40	0.0	
12:30	7.69	375		11.43	1.04	0.35	7.43	42	0.0	
12:35	7.69	375		11.44	1.04	0.19	7.43	43	0.0	
12:40	7.69	375		11.47	1.03	0.07	7.43	44	0.0	

Sample Collection Method: Peri / Bladder	Date: 4/28/17	Time: 12:40	Total Volume of Water Purged (gal): 5
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Hach Test Kits	
Alkalinity (mg/L)	N/A
Carbon Dioxide (mg/L)	N/A
Ferrous Iron (mg/L)	N/A
Hydrogen Sulfide (mg/L)	N/A
DTW	
Comments:	

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

Low Flow Sampling Record											
Site Name: IP-BP Sanborn				Well ID: <u>B-11M</u>				Well Diameter: <u>24</u>			
Samplers: <u>M. Kucyka</u> <u>E. Taylor</u>				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 <small>gal = (Total Depth of Well - Depth to Water) x Casing volume per foot</small>				Acceptance Criteria: Temp ± 3% pH ± 0.1 unit Sp. Cond. ± 3% ORP ± 10mV DO ± 10% Turbidity <50 NTU Drawdown <0.3 ft			
Weather: <u>~50, Rainy</u>											
Purging Data:						feet below top of inner casing					
Method: <u>Peri Bladder</u>		Date: <u>5-1-17</u>		Time: <u>11:00</u> <small>(hhmm)</small>		Initial Depth to Water: <u>6.75</u>			Depth to Bottom: <u>23.78</u>		
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:	
<u>11:05</u>	<u>6.75</u>	<u>250</u>		<u>10.13</u>	<u>3.89</u>	<u>0.94</u>	<u>7.96</u>	<u>-34</u>	<u>10.9</u>		
<u>11:10</u>	<u>6.75</u>	<u>250</u>		<u>9.78</u>	<u>3.91</u>	<u>0.43</u>	<u>7.89</u>	<u>-27</u>	<u>96.1</u>		
<u>11:15</u>	<u>6.75</u>	<u>250</u>		<u>9.91</u>	<u>3.95</u>	<u>0.00</u>	<u>7.81</u>	<u>-20</u>	<u>18.3</u>		
<u>11:20</u>	<u>6.75</u>	<u>250</u>		<u>9.85</u>	<u>3.40</u>	<u>0.00</u>	<u>7.77</u>	<u>-14</u>	<u>15.5</u>		
<u>11:25</u>	<u>6.75</u>	<u>250</u>		<u>9.42</u>	<u>3.35</u>	<u>0.00</u>	<u>7.77</u>	<u>0</u>	<u>9.7</u>		
<u>11:30</u>	<u>6.75</u>	<u>250</u>		<u>9.43</u>	<u>3.38</u>	<u>0.00</u>	<u>7.77</u>	<u>8</u>	<u>6.2</u>		
<u>11:35</u>	<u>6.75</u>	<u>250</u>		<u>10.02</u>	<u>3.41</u>	<u>0.00</u>	<u>7.76</u>	<u>14</u>	<u>4.1</u>		
<u>11:40</u>	<u>6.75</u>	<u>300</u>		<u>10.03</u>	<u>3.43</u>	<u>0.00</u>	<u>7.75</u>	<u>18</u>	<u>3.3</u>		
Sample Collection Method: <u>Peri Bladder</u>		Date: <u>5/1/17</u>		Time: <u>11:40</u>		Total Volume of Water Purged (gal): <u>3.5</u>					
Hach Test Kits				Sample Set							
Alkalinity (mg/L)		N/A		Parameter		Bottle	Pres.	Method			
Carbon Dioxide (mg/L)		N/A		VOCs	<input checked="" type="checkbox"/>	3-40 mL glass vial	HCL	8260C			
Ferrous Iron (mg/L)		N/A		Dissolved Fe & K	<input type="checkbox"/>	1-500 mL poly(field filtered)	HNO3	6010C			
Hydrogen Sulfide (mg/L)		N/A		TOC	<input type="checkbox"/>	2-40mL amber glass vial	H2SO4	9060A			
DTW				M.E.E	<input type="checkbox"/>	3-40 mL glass vial	HCL	RSK-175 mod			
Comments:				Sulfide	<input type="checkbox"/>	1- 250mL glass (field filtered)	NaOH/Zn Acetate	SM 4500 S2			
				Sulfate	<input type="checkbox"/>	2-40 mL glass vial (field filtered)	unpreserved	300.0			
				Microbial Population	<input type="checkbox"/>	In-line filter	N/A	CENSUS			

Low Flow Sampling Record			
Site Name: <u>IP-BP Sanborn</u>	Well ID: <u>B-12M</u>	Well Diameter: <u>2.1</u>	bp
Samplers: <u>M. W. C. H. E. M. L. S.</u>		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 <small>gal = (Total Depth of Well - Depth to Water) x Casing volume per foot</small>	
Weather: <u>50° raining</u>		Acceptance Criteria: Temp ± 3% pH ± 0.1 unit Sp. Cond. ± 3% ORP ± 10mV DO ± 10% Turbidity <50 NTU Drawdown <0.3 ft	

Purging Data:						feet below top of inner casing					
Method: <u>Peri / Bladder</u>		Date: <u>5/2/17</u>		Time: <u>12:20</u> <small>(hhmm)</small>		Initial Depth to Water: <u>10.10</u>			Depth to Bottom: <u>20.40</u>		
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:	
<u>12:25</u>	<u>10.15</u>	<u>300</u>		<u>10.87</u>	<u>0.403</u>	<u>3.24</u>	<u>7.73</u>	<u>91</u>	<u>60.3</u>		
<u>12:30</u>	<u>10.15</u>	<u>300</u>		<u>10.63</u>	<u>0.496</u>	<u>0.00</u>	<u>7.55</u>	<u>93</u>	<u>4.1</u>		
<u>12:35</u>	<u>10.15</u>	<u>300</u>		<u>10.56</u>	<u>0.518</u>	<u>0.00</u>	<u>7.44</u>	<u>101</u>	<u>2.4</u>		
<u>12:40</u>	<u>10.15</u>	<u>300</u>		<u>10.62</u>	<u>0.522</u>	<u>0.00</u>	<u>7.39</u>	<u>106</u>	<u>0.0</u>		
<u>12:45</u>	<u>10.15</u>	<u>300</u>		<u>10.65</u>	<u>0.522</u>	<u>0.00</u>	<u>7.47</u>	<u>102</u>	<u>0.0</u>		
<u>12:50</u>	<u>10.15</u>	<u>300</u>		<u>10.71</u>	<u>0.521</u>	<u>0.00</u>	<u>7.49</u>	<u>102</u>	<u>0.0</u>		

Sample Collection Method: <u>Peri / Bladder</u>		Date: <u>5/2/17</u>	Time: <u>12:50</u>	Total Volume of Water Purged (gal): <u>2.0</u>	
Hach Test Kits		Sample Set			
Alkalinity (mg/L)	N/A	Parameter	Bottle	Pres.	Method
Carbon Dioxide (mg/L)	N/A	VOCs	<input checked="" type="checkbox"/> 3-40 mL glass vial	HCL	8260C
Ferrous Iron (mg/L)	N/A	Dissolved Fe & K	<input type="checkbox"/> 1-500 mL poly(field filtered)	HNO3	6010C
Hydrogen Sulfide (mg/L)	N/A	TOC	<input type="checkbox"/> 2-40mL amber glass vial	H2SO4	9060A
DTW		M.E.E	<input type="checkbox"/> 3-40 mL glass vial	HCL	RSK-175 mod
Comments:		Sulfide	<input type="checkbox"/> 1- 250mL glass (field filtered)	NaOH/Zn Acetate	SM 4500 S2
		Sulfate	<input type="checkbox"/> 2-40 mL glass vial (field filtered)	unpreserved	300.0
		Microbial Population	<input type="checkbox"/> In-line filter	N/A	CENSUS

Low Flow Sampling Record

bp

Site Name: IP-BP Sanborn	Well ID: B-13M	Well Diameter: 2"55
Samplers: Mikveem		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 <small>gal = (Total Depth of Well - Depth to Water) × Casing volume per foot</small>
Weather: 70' cloudy	Acceptance Criteria: Temp ± 3% pH ± 0.1 unit Sp. Cond. ± 3% ORP ± 10mV DO ± 10% Turbidity <50 NTU Drawdown <0.3 ft	

Purging Data:

Method: Peri / Bladder	Date: 4/26/11	Time: 13:38 (hhmm)	Initial Depth to Water: 21.08	Depth to Bottom: 36.05
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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:
13:40	21.10	300		13.65	1103	9.68	7.20	-11	1.51	
13:45	21.13	350		12.30	1.91	5.51	7.08	-83	28.4	
13:50	21.13	400		12.14	2.06	4.35	7.19	-85	16.9	
13:55	21.14	400		12.11	2.14	3.83	7.23	-52	9.0	
14:00	21.14	400		12.11	2.18	3.81	7.24	-25	6.1	
14:05	21.14	400		12.13	2.22	3.38	7.24	-13	4.5	
14:10	21.14	400		12.18	2.22	3.18	7.25	-12	4.1	
14:15	21.14	400		12.31	2.23	2.84	7.25	-11	3.5	
14:20	21.14	400		12.40	2.24	2.64	7.25	-9	3.5	
14:25	21.14	400		12.41	2.26	2.26	7.25	-4	2.7	
14:30	21.14	400		12.22	2.29	2.25	7.25	-1	2.6	
14:35	21.14	400		12.10	2.31	2.10	7.25	4	2.4	

Sample Collection Method: Peri / Bladder **Date:** 4/26/11 **Time:** 14:35 **Total Volume of Water Purged (gal):** 5

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

Low Flow Sampling Record												
Site Name: IP-BP Sanborn			Well ID: B-14M				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: M Kucera, J Vibon			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 <small>gal = (Total Depth of Well - Depth to Water) x Casing volume per foot</small>									
Weather: 50° P. Cloudy			Purging Data: _____ feet below top of inner casing Method: Peri / Bladder Date: 5/3/17 Time: 8:34 Initial Depth to Water: 2.44 Depth to Bottom: 15.77									
Time	DTW (ft)	Pump Rate (ml/min)	Volume (gal.)	Temp (C°)	Sp. Cond (ms/cm)	DO (mg/L)	pH	ORP (mV)	Turb (NTU)	Comments:		
8:35	2.50	400		9.53	0.759	0.99	6.22	3	288			
8:40	2.50	400		9.68	0.645	0.00	7.26	-46	88.0			
8:45	2.50	400		9.57	0.548	0.00	7.45	-32	45.2			
8:50	2.50	400		9.66	0.580	0.00	7.49	-17	30.9			
8:55	2.50	400		9.69	0.570	0.00	7.57	-9	18.1			
9:00	2.50	400		9.73	0.571	0.00	7.61	-8	16.9			
9:05	2.50	400		9.69	0.564	0.00	7.62	-3	9.2			
Sample Collection Method: Peri / Bladder		Date: 5/3/17		Time: 9:05		Total Volume of Water Purged (gal): 29 4.0						
Hach Test Kits				Sample Set								
Alkalinity (mg/L) N/A		Carbon Dioxide (mg/L) N/A		Ferrous Iron (mg/L) N/A		Hydrogen Sulfide (mg/L) N/A		DTW				
Comments:				Parameter	Bottle	Pres.	Method					
				VOCs	3-40 mL glass vial	HCL	8260C					
				Dissolved Fe & K	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					

Low Flow Sampling Record

bp



Site Name: IP-BP Sanborn	Well ID: B-16M	Well Diameter: 2.11	Acceptance Criteria: Temp ± 3% pH ± 0.1 unit Sp. Cond. ± 3% ORP ± 10mV DO ± 10% Turbidity <50 NTU Drawdown <0.3 ft
Samplers: N. K. C. C. / F. T. M. L. M.	Water Volume Calculation		
Weather: 55° raining	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 <small>gal = (Total Depth of Well - Depth to Water) × Casing volume per foot</small>		

Purging Data:		feet below top of inner casing			
Method: Peri / Bladder	Date: 5-1-17	Time: 12:10 (hhmm)	Initial Depth to Water: 7.28	Depth to Bottom: 25.20	

Time hhmm	DTW (ft)	Pump Rate (ml/min)	Volume (gal.)	Temp (C°)	Sp. Cond (ms/cm)	DO (mg/L)	pH	ORP (mV)	Turb (NTU)	Comments:
12:15	7.28	350		10.64	0.559	6.91	8.30	19	28.2	
12:20	7.28	350		10.62	0.557	6.56	8.17	26	19.3	
12:25	7.28	350		10.71	0.565	6.48	8.12	34	4.6	
12:30	7.26	350		10.82	0.573	6.49	8.11	45	0.5	
12:35	7.26	350		10.92	0.574	6.49	8.09	48	0.1	
12:40	7.26	350		10.88	0.575	6.40	8.09	51	0.0	
12:45	7.26	350		11.02	0.575	6.49	8.07	52	0.0	

Sample Collection Method: Peri / Bladder	Date: 5/11/17	Time: 12:45	Total Volume of Water Purged (gal): 3
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Hach Test Kits	
Alkalinity (mg/L)	N/A
Carbon Dioxide (mg/L)	N/A
Ferrous Iron (mg/L)	N/A
Hydrogen Sulfide (mg/L)	N/A
DTW	
Comments:	

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

Low Flow Sampling Record											
Site Name: IP-BP Sanborn			Well ID: B-17M				Well Diameter: 2" ss			bp	
Samplers: M Kuczyn + T. 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 <small>gal = (Total Depth of Well - Depth to Water) x Casing volume per foot</small>				Acceptance Criteria: Temp ± 3% pH ± 0.1 unit Sp. Cond. ± 3% ORP ± 10mV DO ± 10% Turbidity <50 NTU Drawdown <0.3 ft				
Weather: 60° cloudy			Purging Data:						feet below top of inner casing		
Method: Peri / Bladder		Date: 4/26/17	Time: 8:42 (hhmm)		Initial Depth to Water: 17.78			Depth to Bottom: 26.01			
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:	
8:45	18.10	450		11.56	2.56	2.13	6.78	-244	14.9		
8:55	18.10	450		11.43	2.31	2.10	6.87	-251	8.6		
9:00	18.05	300		11.36	2.47	1.91	6.95	-240	14.3	*changed pump head	
9:05	18.07	300		11.25	2.15	1.41	7.16	-241	3.8		
9:10	18.07	300		11.21	2.12	1.24	7.21	-234	1.7		
9:15	18.07	300		11.18	2.11	1.21	7.21	-231	1.5		
9:20	18.07	300		11.18	2.11	1.04	7.21	-231	1.5		
9:25	18.07	300		11.19	2.10	0.97	7.24	-231	1.2		
9:30	18.07	300		11.17	2.11	0.91	7.23	-231	1.0		
9:35	18.07	300		11.24	2.10	0.87	7.24	-230	0.6		
Sample Collection Method: Peri / Bladder		Date: 4/26/17	Time: 9:35		Total Volume of Water Purged (gal): 4						
Hach Test Kits				Sample Set							
Alkalinity (mg/L)	N/A			Parameter		Bottle	Pres.	Method			
Carbon Dioxide (mg/L)	N/A			VOCs	<input checked="" type="checkbox"/>	3-40 mL glass vial	HCL	8260C			
Ferrous Iron (mg/L)	N/A			Dissolved Fe & K	<input type="checkbox"/>	1-500 mL poly(field filtered)	HNO3	6010C			
Hydrogen Sulfide (mg/L)	N/A			TOC	<input type="checkbox"/>	2-40mL amber glass vial	H2SO4	9060A			
DTW				M.E.E	<input type="checkbox"/>	3-40 mL glass vial	HCL	RSK-175 mod			
Comments:				Sulfide	<input type="checkbox"/>	1- 250mL glass (field filtered)	NaOH/Zn Acetate	SM 4500 S2			
				Sulfate	<input type="checkbox"/>	2-40 mL glass vial (field filtered)	unpreserved	300.0			
				Microbial Population	<input type="checkbox"/>	In-line filter	N/A	CENSUS			

Low Flow Sampling Record											
Site Name: IP-BP Sanborn			Well ID: B-18m				Well Diameter: 2"			bp	
Samplers: M. V. ... E. Th...			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 <small>gal = (Total Depth of Well - Depth to Water) x Casing volume per foot</small>				Acceptance Criteria: Temp ± 3% pH ± 0.1 unit Sp. Cond. ± 3% ORP ± 10mV DO ± 10% Turbidity <50 NTU Drawdown <0.3 ft				
Weather: 50° rainy											
Purging Data:						feet below top of inner casing					
Method: Peri / Bladder		Date: 5/2/17		Time: 9:08 (hhmm)		Initial Depth to Water: 2.75			Depth to Bottom: 50.41		
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:	
9:10	3.65	300		10.99	0.770	2.51	6.73	7	3.0		
9:15	4.39	300		10.88	0.768	0.00	7.37	-102	0.0		
9:20	4.89	300		10.92	0.765	0.00	7.35	-123	0.0		
9:25	5.14	300		10.97	0.763	0.00	7.22	-128	0.0		
9:30	5.23	300		11.00	0.761	0.00	7.36	-144	0.0		
9:35	5.40	300		11.15	0.762	0.00	7.40	-156	0.0		
9:40	5.48	300		11.16	0.763	0.00	7.37	-158	0.0		
9:45	5.50	300		11.20	0.765	0.00	7.37	-163	0.0		
9:50	5.64	300		11.25	0.763	0.00	7.43	-169	0.0		
9:55	5.72	300		11.29	0.765	0.00	7.46	-174	0.0		
10:00	5.72	300		11.33	0.764	0.00	7.55	-182	0.0		
10:05	5.72	300		11.35	0.764	0.00	7.57	-186	0.0		
10:10	5.72	300		11.43	0.763	0.00	7.59	-190	0.0		
Sample Collection Method: Peri / Bladder		Date: 5/2/17		Time: 10:10		Total Volume of Water Purged (gal): 60					
Hach Test Kits				Sample Set							
Alkalinity (mg/L)		N/A		Parameter		Bottle		Pres.		Method	
Carbon Dioxide (mg/L)		N/A		VOCs		3-40 mL glass vial		HCL		8260C	
Ferrous Iron (mg/L)		N/A		Dissolved Fe & K		1-500 mL poly(field filtered)		HNO3		6010C	
Hydrogen Sulfide (mg/L)		N/A		TOC		2-40mL amber glass vial		H2SO4		9060A	
DTW				M.E.E		3-40 mL glass vial		HCL		RSK-175 mod	
Comments: Collects Duplicate DUP-05022017 @ 08:00				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	

Low Flow Sampling Record											
Site Name: IP-BP Sanborn			Well ID: B-19M				Well Diameter: 2"			bp	
Samplers: MKC cks			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 <small>gal = (Total Depth of Well - Depth to Water) x Casing volume per foot</small>				Acceptance Criteria: Temp ± 3% pH ± 0.1 unit Sp. Cond. ± 3% ORP ± 10mV DO ± 10% Turbidity <50 NTU Drawdown <0.3 ft				
Weather: 70° sunny											
Purging Data:						feet below top of inner casing					
Method: Peri / Bladder		Date: 4/26/17		Time: 14:53 (hhmm)		Initial Depth to Water: 15.45			Depth to Bottom: 26.10		
Time hhmm	DTW (ft)	Pump Rate (ml/min)	Volume (gal.)	Temp (C°)	Sp. Cond (ms/cm)	DO (mg/L)	pH	ORP (mV)	Turb. (NTU)	Comments:	
14:55	15.80	450		12.02	1.14	9.68	7.79	97	6.5		
15:00	16.00	375		11.93	1.37	8.50	7.78	107	2.8		
15:05	16.00	375		12.23	1.37	8.14	7.85	109	4.0		
15:10	16.00	375		13.21	1.44	7.45	7.84	42	2.2		
15:15	16.05	375		11.63	1.41	6.85	7.80	37	0.9		
15:20	16.15	375		11.78	1.43	4.69	7.77	88	0.4		
15:25	16.15	375		11.80	1.45	2.84	7.74	87	0.7		
15:30	16.15	375		11.77	1.50	2.47	7.50	61	0.5		
15:35	16.22	375		11.79	1.57	2.08	7.20	1	0.4		
15:40	16.22	375		11.93	1.72	2.60	7.14	-4	0.4		
15:45	16.22	375		11.91	1.96	2.50	7.05	11	0.6		
15:50	16.22	375		11.97	2.20	2.08	6.96	-16	1.3		
Sample Collection Method:		Date: 4/26/17		Time: 15:50		Total Volume of Water Purged (gal): 5					
Peri / Bladder											
Hach Test Kits				Sample Set							
Alkalinity (mg/L)	N/A	Parameter		Bottle	Pres.	Method					
Carbon Dioxide (mg/L)	N/A	VOCs	<input checked="" type="checkbox"/>	3-40 mL glass vial	HCL	8260C					
Ferrous Iron (mg/L)	N/A	Dissolved Fe & K	<input type="checkbox"/>	1-500 mL poly(field filtered)	HNO3	6010C					
Hydrogen Sulfide (mg/L)	N/A	TOC	<input type="checkbox"/>	2-40mL amber glass vial	H2SO4	9060A					
DTW		M.E.E	<input type="checkbox"/>	3-40 mL glass vial	HCL	RSK-175 mod					
Comments:		Sulfide	<input type="checkbox"/>	1- 250mL glass (field filtered)	NaOH/Zn Acetate	SM 4500 S2					
		Sulfate	<input type="checkbox"/>	2-40 mL glass vial (field filtered)	unpreserved	300.0					
		Microbial Population	<input type="checkbox"/>	In-line filter	N/A	CENSUS					

Low Flow Sampling Record											
Site Name: IP-BP Sanborn				Well ID: B-21m				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: MKWetz				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							
Weather: 80° Sunny				gal = (Total Depth of Well - Depth to Water) × Casing volume per foot							
Purging Data:						feet below top of inner casing					
Method: Peri / Bladder		Date: 4/27/17		Time: 12:25 (hhmm)		Initial Depth to Water: 6.85			Depth to Bottom: 26.38		
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:	
12:30	6.86	250		19.53	0.843	2.32	7.64	39	13.0		
12:35	6.80	250		15.45	0.922	0.00	7.52	23	2.4		
12:40	6.80	250		14.87	0.931	0.00	7.52	16	0		
12:45	6.80	250		15.16	0.916	0.00	7.49	10	0		
12:50	6.81	250		14.57	0.925	0.00	7.47	8	0		
12:55	6.84	250		14.51	0.929	0.00	7.48	6	0		
13:00	6.84	250		14.56	0.927	0.00	7.49	4	0		
13:05	6.84	250		14.26	0.931	0.00	7.47	4	0		
Sample Collection Method: Peri / Bladder		Date: 4/27/17		Time: 13:10		Total Volume of Water Purged (gal): 3.0					
Hach Test Kits				Sample Set							
Alkalinity (mg/L)		N/A		Parameter		Bottle		Pres.		Method	
Carbon Dioxide (mg/L)		N/A		VOCs		3-40 mL glass vial		HCL		8260C	
Ferrous Iron (mg/L)		N/A		Dissolved Fe & K		1-500 mL poly(field filtered)		HNO3		6010C	
Hydrogen Sulfide (mg/L)		N/A		TOC		2-40mL amber glass vial		H2SO4		9060A	
DTW				M.E.E		3-40 mL glass vial		HCL		RSK-175 mod	
Comments:				Sulfide		1- 250mL glass (field filtered)		NaOH/Zn Acetate		SM 4500 S2	
				Sulfate		2-40 mL glass vial (field filtered)		unpreserved		300.0	
				Microbial Population		In-line filter		N/A		CENSUS	

Low Flow Sampling Record											
Site Name: <u>IP-BP Sanborn</u>			Well ID: <u>B-22M</u>				Well Diameter: <u>2"</u>			bp	
Samplers: <u>F. Thulhaer</u>			Water Volume Calculation				Acceptance Criteria:				
			1 inch= 0.041 6 inch= 1.4				Temp ± 3%				
			1.5 inch= 0.092 8 inch= 2.5				pH ± 0.1 unit				
			2 inch= 0.163 10 inch= 4				Sp. Cond. ± 3%				
			4 inch= 0.64				ORP ± 10mV				
Weather: <u>~80°, clear</u>			gal = (Total Depth of Well - Depth to Water) × Casing volume per foot				DO ± 10%				
						Turbidity <50 NTU					
						Drawdown <0.3 ft					
Purging Data:						feet below top of inner casing					
Method: <u>Peri / Bladder</u>		Date: <u>3/27/17</u>		Time: <u>13:00</u> <small>(hhmm)</small>		Initial Depth to Water <u>19.75</u>			Depth to Bottom <u>35.92</u>		
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:	
<u>13:05</u>	<u>19.75</u>			<u>15.54</u>	<u>1.16</u>	<u>22.43</u>	<u>7.25</u>	<u>65</u>	<u>293</u>		
<u>13:10</u>	<u>19.75</u>			<u>14.40</u>	<u>1.11</u>	<u>21.35</u>	<u>7.31</u>	<u>80</u>	<u>258</u>		
<u>13:15</u>	<u>19.75</u>			<u>14.02</u>	<u>1.08</u>	<u>18.64</u>	<u>7.36</u>	<u>89</u>	<u>255</u>		
<u>13:20</u>	<u>19.75</u>			<u>13.40</u>	<u>1.11</u>	<u>16.13</u>	<u>7.46</u>	<u>107</u>	<u>133</u>		
<u>13:25</u>	<u>19.75</u>			<u>13.15</u>	<u>1.21</u>	<u>11.39</u>	<u>7.47</u>	<u>118</u>	<u>41.3</u>		
<u>13:30</u>	<u>19.75</u>			<u>12.95</u>	<u>1.27</u>	<u>11.37</u>	<u>7.47</u>	<u>126</u>	<u>11.9</u>		
<u>13:35</u>	<u>19.75</u>			<u>13.04</u>	<u>1.28</u>	<u>11.28</u>	<u>7.45</u>	<u>128</u>	<u>7.2</u>		
<u>13:40</u>	<u>19.75</u>			<u>12.11</u>	<u>1.28</u>	<u>11.07</u>	<u>7.44</u>	<u>130</u>	<u>5.7</u>		
<u>13:45</u>	<u>19.75</u>			<u>13.06</u>	<u>1.29</u>	<u>10.75</u>	<u>7.45</u>	<u>133</u>	<u>3.1</u>		
Sample Collection Method: <u>Peri / Bladder</u>		Date: <u>3-27-17</u>		Time: <u>13:45</u>		Total Volume of Water Purged (gal): <u>3.21</u>					
Hach Test Kits				Sample Set							
Alkalinity (mg/L)		N/A		Parameter		Bottle		Pres.		Method	
Carbon Dioxide (mg/L)		N/A		VOCs		<input checked="" type="checkbox"/> 3-40 mL glass vial		HCL		8260C	
Ferrous Iron (mg/L)		N/A		Dissolved Fe & K		<input type="checkbox"/> 1-500 mL poly(field filtered)		HNO3		6010C	
Hydrogen Sulfide (mg/L)		N/A		TOC		<input type="checkbox"/> 2-40mL amber glass vial		H2SO4		9060A	
DTW				M.E.E		<input type="checkbox"/> 3-40 mL glass vial		HCL		RSK-175 mod	
Comments: <u>D.O. probe possibly malfunctioning</u>				Sulfide		<input type="checkbox"/> 1- 250mL glass (field filtered)		NaOH/Zn Acetate		SM 4500 S2	
				Sulfate		<input type="checkbox"/> 2-40 mL glass vial (field filtered)		unpreserved		300.0	
				Microbial Population		<input type="checkbox"/> In-line filter		N/A		CENSUS	

Low Flow Sampling Record												
Site Name: IP-BP Sanborn				Well ID: B-23M				Well Diameter: 2" S.S.				
Samplers: TU & MK				Water Volume Calculation				Acceptance Criteria:				
				1 inch= 0.041 6 inch= 1.4				Temp ± 3%				
				1.5 inch= 0.092 8 inch= 2.5				pH ± 0.1 unit				
				2 inch= 0.163 10 inch= 4				Sp. Cond. ± 3%				
				4 inch= 0.64				ORP ± 10mV				
Weather: 55°F, breezy, pty ddy				gal = (Total Depth of Well - Depth to Water) × Casing volume per foot				DO ± 10%				
								Turbidity <50 NTU				
								Drawdown <0.3 ft				
Purging Data:						feet below top of inner casing						
Method: Peri / Bladder		Date: 5/3/17		Time: 11:45 (hhmm)		Initial Depth to Water 17.03			Depth to Bottom 31.65			
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:		
11:50	17.03	400		11.77	0.835	3.03	7.74	3	48.1			
11:55	17.03	400		11.10	0.830	0.00	7.56	-16	45.1			
12:00	17.03	400		10.99	0.795	0.00	7.55	-6	13.6			
12:05	17.03	400		10.89	0.785	0.100	7.57	3	6.1			
12:10	17.03	400		10.86	0.777	0.100	7.58	9	4.4			
12:15	17.03	400		10.89	0.768	0.00	7.58	13	3.1			
12:20	17.03	400		10.85	0.764	0.100	7.54	16	2.2			
Sample Collection Method: Peri / Bladder		Date: 5/3/17		Time: 12:20		Total Volume of Water Purged (gal): 3						
Hach Test Kits				Sample Set								
Alkalinity (mg/L)		N/A		Parameter		Bottle		Pres.		Method		
Carbon Dioxide (mg/L)		N/A		VOCs <input checked="" type="checkbox"/>		3-40 mL glass vial		HCL		8260C		
Ferrous Iron (mg/L)		N/A		Dissolved Fe & K <input type="checkbox"/>		1-500 mL poly(field filtered)		HNO3		6010C		
Hydrogen Sulfide (mg/L)		N/A		TOC <input type="checkbox"/>		2-40mL amber glass vial		H2SO4		9060A		
DTW				M.E.E <input type="checkbox"/>		3-40 mL glass vial		HCL		RSK-175 mod		
Comments:				Sulfide <input type="checkbox"/>		1- 250mL glass (field filtered)		NaOH/Zn Acetate		SM 4500 S2		
				Sulfate <input type="checkbox"/>		2-40 mL glass vial (field filtered)		unpreserved		300.0		
				Microbial Population <input type="checkbox"/>		In-line filter		N/A		CENSUS		

Low Flow Sampling Record													
Site Name: IP-BP Sanborn			Well ID: B-24M				Well Diameter: 2" S.S.			bp			
Samplers: TU + MK			Water Volume Calculation				Acceptance Criteria:						
			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				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 cloudy			gal = (Total Depth of Well - Depth to Water) × Casing volume per foot										
Purging Data:						feet below top of inner casing							
Method: Peri Bladder		Date: 5/3/19		Time: 12:58 (hhmm)		Initial Depth to Water: 8.05			Depth to Bottom: 26.65				
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:			
13:00	8.20	450		12.10	1.08	4.36	6.73	146	168				
13:05	8.17	300		10.76	0.985	0.16	6.51	108	0.10				
13:10	8.20	300		10.71	0.957	0.00	6.60	102	0.10				
13:15	8.20	300		10.70	0.942	0.00	6.82	88	0.10				
13:20	8.20	300		10.58	0.941	0.00	6.84	88	0.10				
13:25	8.20	300		10.62	0.936	0.00	6.87	86	0.10				
Sample Collection Method: Peri Bladder		Date: 5/13/17		Time: 13:25		Total Volume of Water Purged (gal): 3.0							
Hach Test Kits				Sample Set									
Alkalinity (mg/L)		N/A		Parameter		Bottle		Pres.		Method			
Carbon Dioxide (mg/L)		N/A		VOCs		3-40 mL glass vial		HCL		8260C			
Ferrous Iron (mg/L)		N/A		Dissolved Fe & K		1-500 mL poly(field filtered)		HNO3		6010C			
Hydrogen Sulfide (mg/L)		N/A		TOC		2-40mL amber glass vial		H2SO4		9060A			
DTW				M.E.E		3-40 mL glass vial		HCL		RSK-175 mod.			
Comments:				Sulfide		1- 250mL glass (field filtered)		NaOH/Zn Acetate		SM 4500 S2			
				Sulfate		2-40 mL glass vial (field filtered)		unpreserved		300.0			
				Microbial Population		In-line filter		N/A		CENSUS			

Low Flow Sampling Record											
Site Name: IP-BP Sanborn			Well ID: B-28M				Well Diameter: 2"			bp	
Samplers: M. Cuckler E. Thibault			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 <small>gal = (Total Depth of Well - Depth to Water) x Casing volume per foot</small>				Acceptance Criteria: Temp ± 3% pH ± 0.1 unit Sp. Cond. ± 3% ORP ± 10mV DO ± 10% Turbidity <50 NTU Drawdown <0.3 ft				
Weather: 80° sunny											
Purging Data:						feet below top of inner casing					
Method: Peri (Bladder)		Date: 4-27-17		Time: 14:20 (hhmm)		Initial Depth to Water: 25.38			Depth to Bottom: 34.51		
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:	
14:30	23.15	300		17.24	0.747	6.86	7.70	59	max		
14:35	24.21	300		13.31	0.775	0.28	7.62	38	641		
14:40	24.35	300		13.15	0.793	0.00	7.62	28	447		
14:45	24.80	300		13.12	0.858	0.00	7.59	15	388		
14:50	24.80	300		13.21	0.857	0.00	7.57	12	335		
14:55	24.80	300		13.12	0.871	0.00	7.60	11	251		
15:00	24.80	300		12.91	0.870	0.00	7.56	7	156		
15:05	24.80	300		13.23	0.816	0.00	7.57	2	181		
15:10	24.80	300		13.29	0.928	0.00	7.55	7	51.3	*skipped readings	
15:15	24.90	300		13.09	0.836	0.00	7.55	5	31.0		
15:20	24.80	300		12.98	0.834	0.00	7.55	2	16.5		
15:35	24.80	300		13.08	0.833	0.00	7.55	1	11.9		
Sample Collection Method:		Date: 4/27/17		Time: 15:35		Total Volume of Water Purged (gal): 6					
Peri / Bladder											
Hach Test Kits				Sample Set							
Alkalinity (mg/L)	N/A			Parameter		Bottle	Pres.	Method			
Carbon Dioxide (mg/L)	N/A			VOCs	<input checked="" type="checkbox"/>	3-40 mL glass vial	HCL	8260C			
Ferrous Iron (mg/L)	N/A			Dissolved Fe & K	<input type="checkbox"/>	1-500 mL poly(field filtered)	HNO3	6010C			
Hydrogen Sulfide (mg/L)	N/A			TOC	<input type="checkbox"/>	2-40mL amber glass vial	H2SO4	9060A			
DTW				M.E.E	<input type="checkbox"/>	3-40 mL glass vial	HCL	RSK-175 mod			
Comments: Collector MS/MSD				Sulfide	<input type="checkbox"/>	1- 250mL glass (field filtered)	NaOH/Zn Acetate	SM 4500 S2			
				Sulfate	<input type="checkbox"/>	2-40 mL glass vial (field filtered)	unpreserved	300.0			
				Microbial Population	<input type="checkbox"/>	In-line filter	N/A	CENSUS			

Low Flow Sampling Record

bp

Site Name: IP-BP Sanborn

Well ID:

B-29M

Well Diameter:

2" 5.5.



Samplers:

T.V. + M.K.

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

Acceptance Criteria:

Temp ± 3%
pH ± 0.1 unit
Sp. Cond. ± 3%
ORP ± 10mV
DO ± 10%
Turbidity <50 NTU
Drawdown <0.3 ft

Weather:

55° P. cloudy

gal = (Total Depth of Well - Depth to Water) x Casing volume per foot

Purging Data:

feet below top of inner casing

Method:

Peri / Bladder

Date:

5/3/17

Time:

1047 (hhmm)

Initial Depth to Water

20.60

Depth to Bottom

38.51

Table with columns: Time, DTW, Pump Rate, Volume, Temp, Sp. Cond, DO, pH, ORP, Turb, Comments. Includes data rows for 1050, 1055, 1100, 1105, 1110, 1115, 1120.

Sample Collection Method:

Peri / Bladder

Date:

5/2/17

Time:

11:20

Total Volume of Water Purged (gal):

5

High Test Kits

Table with columns: Parameter, Value. Rows: Alkalinity (mg/L) N/A, Carbon Dioxide (mg/L) N/A, Ferrous Iron (mg/L) N/A, Hydrogen Sulfide (mg/L) N/A, DTW.

Sample Set

Table with columns: Parameter, Bottle, Pres., Method. Rows: VOCs, Dissolved Fe & K, TOC, M.E.E, Sulfide, Sulfate, Microbial Population.

Comments:

Low Flow Sampling Record											
Site Name: IP-BP Sanborn			Well ID: B-32m				Well Diameter: 2"			bp	
Samplers: M Krcma + E Thkur			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 <small>gal = (Total Depth of Well - Depth to Water) x Casing volume per foot</small>				Acceptance Criteria: Temp ± 3% pH ± 0.1 unit Sp. Cond. ± 3% ORP ± 10mV DO ± 10% Turbidity <50 NTU Drawdown <0.3 ft				
Weather: 55° P. cloudy											
Purging Data:						feet below top of inner casing					
Method: Peri / Bladder		Date: 4/28/17		Time: 9:10 (hhmm)		Initial Depth to Water: 29.31			Depth to Bottom: 90.47		
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:	
9:15	29.31	400		11.42	2.05	4.80	7.10	-130	67.2		
9:20	29.26	400		10.74	0.988	0.00	7.45	-138	8.2		
9:25	29.26	400		10.70	0.871	0.00	7.44	-110	2.4		
9:30	29.26	400		10.76	0.867	0.00	7.43	-103	2.6		
9:35	29.26	400		10.73	0.848	0.00	7.43	-96	1.4		
9:40	29.26	400		10.73	0.813	0.00	7.43	-92	0.0		
9:45	29.26	400		10.67	0.813	0.00	7.45	-90	0.0		
9:50	29.26	400		10.65	0.815	0.00	7.45	-89	0.0		
Sample Collection Method: Peri / Bladder		Date: 4/28/17		Time: 9:50		Total Volume of Water Purged (gal): 4.5					
Hach Test Kits				Sample Set							
Alkalinity (mg/L)		N/A		Parameter		Bottle		Pres.		Method	
Carbon Dioxide (mg/L)		N/A		VOCs		3-40 mL glass vial		HCL		8260C	
Ferrous Iron (mg/L)		N/A		Dissolved Fe & K		1-500 mL poly(field filtered)		HNO3		6010C	
Hydrogen Sulfide (mg/L)		N/A		TOC		2-40mL amber glass vial		H2SO4		9060A	
DTW				M.E.E		3-40 mL glass vial		HCL		RSK-175 mod	
Comments:				Sulfide		1- 250mL glass (field filtered)		NaOH/Zn Acetate		SM 4500 S2	
				Sulfate		2-40 mL glass vial (field filtered)		unpreserved		300.0	
				Microbial Population		in-line filter		N/A		CENSUS	

Low Flow Sampling Record											
Site Name: IP-BP Sanborn			Well ID: B-38m				Well Diameter: 2"			bp	
Samplers: E. Thalhauer + M. Kucera			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 <small>gal = (Total Depth of Well - Depth to Water) x Casing volume per foot</small>				Acceptance Criteria: Temp ± 3% pH ± 0.1 unit Sp. Cond. ± 3% ORP ± 10mV DO ± 10% Turbidity <50 NTU Drawdown <0.3 ft				
Weather: 75° sunny											
Purging Data:						feet below top of inner casing					
Method: Peri / Bladder		Date: 4/27/17		Time: 9:45 (hhmm)		Initial Depth to Water: 27.09			Depth to Bottom: 41.21		
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:	
9:50	27.05	400		13.80	2.10	7.66	7.11	87	Max		
9:55	27.05	400		12.20	1.82	2.34	7.44	97	196		
10:00	27.05	400		11.96	1.45	0.55	7.49	63	78.7		
10:05	27.05	400		12.00	1.33	0.17	7.50	47	41.1		
10:10	27.05	400		11.94	1.32	1.25	7.50	41	40.9		
10:15	27.05	400		11.76	1.27	2.82	7.51	37	14.2		
10:20	27.05	400		11.77	1.11	0	7.50	32	17.8		
10:25	27.05	400		11.77	1.09	0	7.50	32	3.2		
10:30	27.05	400		11.76	1.08	0	7.51	31	7.2		
Sample Collection Method: Peri / Bladder		Date: 4/27/17		Time: 10:30		Total Volume of Water Purged (gal): 5					
Hach Test Kits				Sample Set							
Alkalinity (mg/L)		N/A		Parameter		Bottle		Pres.		Method	
Carbon Dioxide (mg/L)		N/A		VOCs		3-40 mL glass vial		HCL		8260C	
Ferrous Iron (mg/L)		N/A		Dissolved Fe & K		1-500 mL poly(field filtered)		HNO3		6010C	
Hydrogen Sulfide (mg/L)		N/A		TOC		2-40mL amber glass vial		H2SO4		9060A	
DTW				M.E.E		3-40 mL glass vial		HCL		RSK-175 mod	
Comments:				Sulfide		1- 250mL glass (field filtered)		NaOH/Zn Acetate		SM 4500 S2	
				Sulfate		2-40 mL glass vial (field filtered)		unpreserved		300.0	
				Microbial Population		In-line filter		N/A		CENSUS	

Low Flow Sampling Record											
Site Name: IP-BP Sanborn				Well ID: B-39M				Well Diameter: 2"			
Samplers: M. Kucera + E. Thakura				Water Volume Calculation				Acceptance Criteria: Temp ± 3% pH ± 0.1 unit Sp. Cond. ± 3% ORP ± 10mV DO ± 10% Turbidity <50 NTU Drawdown <0.3 ft			
Weather: 65° P. Cloudy				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							
Purging Data:						feet below top of inner casing					
Method: Peri / Bladder		Date: 4/28/17		Time: 14:10 (hhmm)		Initial Depth to Water: 10.43			Depth to Bottom: 44.79		
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:	
14:15	10.50	400		14.00	0.959	5.40	7.54	52	28.2		
14:20	10.50	400		13.25	0.885	1.71	7.54	55	8.7		
14:25	10.50	400		13.22	0.786	0.34	7.65	54	2.0		
14:30	10.50	400		13.30	0.740	0.21	7.63	36	0.0		
14:35	10.50	400		13.20	0.703	0.32	7.63	60	0.0		
14:40	10.50	400		13.17	0.694	0.48	7.63	63	0.0		
14:45	10.50	400		12.95	0.691	0.70	7.65	61	0.0		
14:50	10.50	400		12.83	0.683	1.05	7.62	62	0.0		
14:55	10.50	400		12.76	0.678	0.99	7.67	58	0.0		
15:00	10.50	400		12.70	0.667	1.02	7.61	61	0.0		
Sample Collection Method: Peri / Bladder		Date: 4/28/17		Time: 15:00		Total Volume of Water Purged (gal): 6.0					
Hach Test Kits				Sample Set							
Alkalinity (mg/L)		N/A		Parameter		Bottle		Pres.		Method	
Carbon Dioxide (mg/L)		N/A		VOCs		3-40 mL glass vial		HCL		8260C	
Ferrous Iron (mg/L)		N/A		Dissolved Fe & K		1-500 mL poly(field filtered)		HNO3		6010C	
Hydrogen Sulfide (mg/L)		N/A		TOC		2-40mL amber glass vial		H2SO4		9060A	
DTW				M.E.E		3-40 mL glass vial		HCL		RSK-175 mod	
Comments:				Sulfide		1- 250mL glass (field filtered)		NaOH/Zn Acetate		SM 4500 S2	
				Sulfate		2-40 mL glass vial (field filtered)		unpreserved		300.0	
				Microbial Population		In-line filter		N/A		CENSUS	


Low Flow Sampling Record											
Site Name: IP-BP Sanborn			Well ID: B-40m				Well Diameter: 2"			bp	
Samplers: MWC... + 6 Thru...			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 <small>gal = (Total Depth of Well - Depth to Water) x Casing volume per foot</small>				Acceptance Criteria: Temp ± 3% pH ± 0.1 unit Sp. Cond. ± 3% ORP ± 10mV DO ± 10% Turbidity <50 NTU Drawdown <0.3 ft				
Weather: 50° Cloudy			Purging Data:								
Method: Peri / Bladder			Date: 5/11/17		Time: 9:21 (hhmm)		Initial Depth to Water: 10.50		Depth to Bottom: 57.95		
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:	
9:25	10.70	400		11.60	2.21	3.45	7.36	-177	19.6		
9:30	10.70	400		11.84	2.39	0.00	7.63	-269	14.8		
9:35	10.70	400		11.88	2.19	0.00	7.64	-285	10.0		
9:40	10.70	400		11.90	1.90	0.00	7.68	-294	6.6		
9:45	10.70	400		11.89	1.65	0.00	7.69	-298	3.7		
9:50	10.72	400		11.89	1.47	0.00	7.72	-300	2.1		
9:55	10.75	400		11.87	1.36	0.00	7.69	-302	1.4		
10:00	10.75	400		11.86	1.28	0.00	7.74	-304	1.0		
10:05	10.75	400		11.89	1.23	0.00	7.73	-305	1.1		
10:10	10.75	400		11.89	1.05	0.00	7.70	-305	0.5		
10:15	10.75	400		11.88	1.01	0.00	7.72	-306	0.13		
10:20	10.75	400		11.87	1.00	0.00	7.76	-306	0.13		
10:25	10.75	400		11.87	0.999	0.00	7.73	-305	0.2		
Sample Collection Method: Peri / Bladder			Date: 5/11/17		Time: 10:25		Total Volume of Water Purged (gal): 6.5				
Hach Test Kits			Sample Set								
Alkalinity (mg/L)		N/A		Parameter		Bottle		Pres.		Method	
Carbon Dioxide (mg/L)		N/A		VOCs		3-40 mL glass vial		HCL		8260C	
Ferrous Iron (mg/L)		N/A		Dissolved Fe & K		1-500 mL poly(field filtered)		HNO3		6010C	
Hydrogen Sulfide (mg/L)		N/A		TOC		2-40mL amber glass vial		H2SO4		9060A	
DTW				M.E.E		3-40 mL glass vial		HCL		RSK-175 mod	
Comments:				Sulfide		1- 250mL glass (field filtered)		NaOH/Zn Acetate		SM 4500 S2	
				Sulfate		2-40 mL glass vial (field filtered)		unpreserved		300.0	
				Microbial Population		In-line filter		N/A		CENSUS	

Low Flow Sampling Record											
Site Name: <u>IP-BP Sanborn</u>			Well ID: <u>B-41M</u>				Well Diameter: <u>2"</u>			bp	
Samplers: <u>M. V. ... - E. ...</u>			Water Volume Calculation				Acceptance Criteria:				
Weather: <u>60° P. Cloudy</u>			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 <small>gal = (Total Depth of Well - Depth to Water) x Casing volume per foot</small>				Temp ± 3% pH ± 0.1 unit Sp. Cond. ± 3% ORP ± 10mV DO ± 10% Turbidity <50 NTU Drawdown <0.3 ft				
Purging Data:						feet below top of inner casing					
Method: <u>Peri / Bladder</u>		Date: <u>4/28/17</u>		Time: <u>11:45</u> <small>(hhmm)</small>		Initial Depth to Water: <u>13.45</u>			Depth to Bottom: <u>72.66</u>		
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:	
<u>1150</u>	<u>13.65</u>	<u>400</u>		<u>14.88</u>	<u>1.08</u>	<u>28.34</u>	<u>7.27</u>	<u>61</u>	<u>99.8</u>		
<u>1155</u>	<u>13.79</u>	<u>400</u>		<u>14.04</u>	<u>1.07</u>	<u>21.12</u>	<u>7.24</u>	<u>24</u>	<u>71.2</u>		
<u>1200</u>	<u>13.91</u>	<u>400</u>		<u>13.91</u>	<u>1.11</u>	<u>11.56</u>	<u>7.23</u>	<u>-11</u>	<u>68.4</u>		
<u>1205</u>	<u>14.11</u>	<u>400</u>		<u>13.26</u>	<u>1.12</u>	<u>2.23</u>	<u>7.61</u>	<u>-27</u>	<u>41.3</u>		
<u>1210</u>	<u>14.25</u>	<u>400</u>		<u>12.76</u>	<u>1.14</u>	<u>1.72</u>	<u>7.75</u>	<u>-69</u>	<u>35.2</u>		
<u>1215</u>	<u>14.45</u>	<u>400</u>		<u>12.79</u>	<u>1.14</u>	<u>1.47</u>	<u>7.75</u>	<u>-91</u>	<u>21.5</u>		
<u>1220</u>	<u>14.45</u>	<u>400</u>		<u>12.76</u>	<u>1.15</u>	<u>1.45</u>	<u>7.78</u>	<u>-92</u>	<u>17.4</u>		
<u>1225</u>	<u>14.45</u>	<u>400</u>		<u>12.78</u>	<u>1.14</u>	<u>1.30</u>	<u>7.76</u>	<u>-91</u>	<u>11.4</u>		
<u>1230</u>	<u>14.45</u>	<u>400</u>		<u>12.76</u>	<u>1.14</u>	<u>1.24</u>	<u>7.78</u>	<u>-89</u>	<u>10.0</u>		
<u>1235</u>	<u>14.45</u>	<u>400</u>		<u>12.75</u>	<u>1.14</u>	<u>1.10</u>	<u>7.77</u>	<u>-76</u>	<u>6.3</u>		
<u>1240</u>	<u>14.45</u>	<u>400</u>		<u>12.77</u>	<u>1.14</u>	<u>1.12</u>	<u>7.79</u>	<u>-76</u>	<u>6.7</u>		
<u>1245</u>	<u>14.45</u>	<u>400</u>		<u>12.75</u>	<u>1.14</u>	<u>1.02</u>	<u>7.76</u>	<u>-71</u>	<u>4.7</u>		
<u>1250</u>	<u>14.45</u>	<u>400</u>		<u>12.75</u>	<u>1.14</u>	<u>1.02</u>	<u>7.77</u>	<u>-70</u>	<u>4.5</u>		
<u>1255</u>	<u>14.45</u>	<u>400</u>		<u>12.78</u>	<u>1.14</u>	<u>1.00</u>	<u>7.77</u>	<u>-71</u>	<u>4.2</u>		
<u>1300</u>	<u>14.15</u>	<u>400</u>		<u>12.83</u>	<u>1.14</u>	<u>0.98</u>	<u>7.78</u>	<u>-72</u>	<u>4.0</u>		
Sample Collection Method: <u>Peri / Bladder</u>		Date: <u>4-28-17</u>		Time: <u>1305</u>		Total Volume of Water Purged (gal): <u>794</u>					
Hach Test Kits				Sample Set							
Alkalinity (mg/L)		N/A		Parameter		Bottle		Pres.		Method	
Carbon Dioxide (mg/L)		N/A		VOCs		3-40 mL glass vial		HCL		8260C	
Ferrous Iron (mg/L)		N/A		Dissolved Fe & K		1-500 mL poly(field filtered)		HNO3		6010C	
Hydrogen Sulfide (mg/L)		N/A		TOC		2-40mL amber glass vial		H2SO4		9060A	
DTW				M.E.E		3-40 mL glass vial		HCL		RSK-175 mod	
Comments: <u>- DO prob. malfunction</u> <u>- Informed Pine Env.</u> <u>Collectra Dup</u>				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	

(Dup-04282017)
@ 0800

Low Flow Sampling Record											
Site Name: <u>IP-BP Sanborn</u>			Well ID: <u>B-42m</u> ^{MK}				Well Diameter: <u>2" SS</u>			bp	
Samplers: <u>Mikuczek + T. Voban</u>			Water Volume Calculation				Acceptance Criteria:				
Weather: <u>60° cloudy</u>			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 <small>gal = (Total Depth of Well - Depth to Water) × Casing volume per foot</small>				Temp ± 3% pH ± 0.1 unit Sp. Cond. ± 3% ORP ± 10mV DO ± 10% Turbidity <50 NTU Drawdown <0.3 ft				
Purging Data:						feet below top of inner casing					
Method: <u>Peri/ Bladder</u>		Date: <u>4/26/17</u>		Time: <u>9:58</u> <small>(hhmm)</small>		Initial Depth to Water <u>7.95</u>			Depth to Bottom <u>45.40</u>		
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:	
<u>10:00</u>	<u>8.00</u>	<u>350</u>		<u>17.28</u>	<u>0.987</u>	<u>3.04</u>	<u>7.03</u>	<u>3</u>	<u>8.7</u>		
<u>10:05</u>	<u>8.00</u>	<u>350</u>		<u>14.31</u>	<u>0.984</u>	<u>2.16</u>	<u>7.05</u>	<u>2</u>	<u>8.9</u>		
<u>10:10</u>	<u>8.00</u>	<u>350</u>		<u>14.38</u>	<u>1.03</u>	<u>1.41</u>	<u>7.11</u>	<u>0</u>	<u>5.8</u>		
<u>10:15</u>	<u>8.00</u>	<u>350</u>		<u>14.47</u>	<u>1.04</u>	<u>1.12</u>	<u>7.14</u>	<u>-3</u>	<u>2.9</u>		
<u>10:20</u>	<u>8.00</u>	<u>350</u>		<u>14.59</u>	<u>1.04</u>	<u>0.94</u>	<u>7.16</u>	<u>-4</u>	<u>2.7</u>		
<u>10:25</u>	<u>8.00</u>	<u>350</u>		<u>14.74</u>	<u>1.04</u>	<u>0.82</u>	<u>7.17</u>	<u>-3</u>	<u>1.7</u>		
<u>10:30</u>	<u>8.00</u>	<u>350</u>		<u>14.89</u>	<u>1.04</u>	<u>0.77</u>	<u>7.17</u>	<u>-3</u>	<u>1.9</u>		
<u>10:35</u>	<u>8.00</u>	<u>350</u>		<u>15.12</u>	<u>1.03</u>	<u>0.69</u>	<u>7.16</u>	<u>0</u>	<u>1.9</u>		
<u>10:40</u>	<u>8.00</u>	<u>350</u>		<u>15.29</u>	<u>1.03</u>	<u>0.66</u>	<u>7.16</u>	<u>2</u>	<u>1.4</u>		
<u>10:45</u>	<u>8.00</u>	<u>350</u>		<u>15.51</u>	<u>1.02</u>	<u>0.62</u>	<u>7.16</u>	<u>4</u>	<u>1.5</u>		
<u>10:50</u>	<u>8.00</u>	<u>350</u>		<u>15.79</u>	<u>1.01</u>	<u>0.61</u>	<u>7.18</u>	<u>6</u>	<u>1.5</u>		
<u>10:55</u>	<u>8.00</u>	<u>350</u>		<u>15.94</u>	<u>1.01</u>	<u>0.59</u>	<u>7.16</u>	<u>9</u>	<u>1.4</u>		
<u>11:00</u>	<u>8.00</u>	<u>350</u>		<u>16.08</u>	<u>1.01</u>	<u>0.59</u>	<u>7.17</u>	<u>10</u>	<u>1.5</u>		
Sample Collection Method: <u>Peri / Bladder</u>		Date: <u>4/26/17</u>		Time: <u>11:00</u>		Total Volume of Water Purged (gal): <u>6.5</u>					
Hach Test Kits				Sample Set							
Alkalinity (mg/L)		N/A		Parameter		Bottle		Pres.		Method	
Carbon Dioxide (mg/L)		N/A		VOCs		3-40 mL glass vial		HCL		8260C	
Ferrous Iron (mg/L)		N/A		Dissolved Fe & K		1-500 mL poly(field filtered)		HNO3		6010C	
Hydrogen Sulfide (mg/L)		N/A		TOC		2-40mL amber glass vial		H2SO4		9060A	
DTW				M.E.E		3-40 mL glass vial		HCL		RSK-175 mod	
Comments:				Sulfide		1- 250mL glass (field filtered)		NaOH/Zn Acetate		SM 4500 S2	
				Sulfate		2-40 mL glass vial (field filtered)		unpreserved		300.0	
				Microbial Population		In-line filter		N/A		CENSUS	


Low Flow Sampling Record											
Site Name: IP-BP Sanborn			Well ID: B-43 M				Well Diameter: 2" SS.			bp	
Samplers: <u>T. Urban</u> <u>M. Kuczek</u>			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 <small>gal = (Total Depth of Well - Depth to Water) x Casing volume per foot</small>				Acceptance Criteria: Temp ± 3% pH ± 0.1 unit Sp. Cond. ± 3% ORP ± 10mV DO ± 10% Turbidity <50 NTU Drawdown <0.3 ft				
Weather: <u>60°F, overcast, calm</u>											
Purging Data:						feet below top of inner casing					
Method: <u>Peri / Bladder</u>		Date: <u>4/24/17</u>		Time: <u>1054</u> (hhmm)		Initial Depth to Water: <u>10.10</u>			Depth to Bottom: <u>59.88</u>		
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:	
1055	11.15	300		14.51	6.33	6.13	7.54	-198	2.1		
1100	12.02	300		13.57	2.28	4.67	7.17	-240	0.8		
1105	13.22	300		13.40	2.16	3.44	7.11	-262	1.0		
1110	13.87	300		13.36	2.07	2.89	7.10	-266	1.0		
1115	14.75	400		13.30	2.01	2.42	7.10	-270	1.0		
1120	15.48	400		13.27	1.84	1.89	7.10	-272	0.5		
1125	16.55	400		13.23	1.67	1.69	7.10	-275	0.4		
1130	17.48	400		13.17	1.50	0.81	7.11	-278	0.2		
1135	17.57	400		13.19	1.47	0.67	7.11	-278	0.1		
1140	17.21	400		13.13	1.43	0.47	7.13	-278	0.0		
1145	18.40	400		13.14	1.34	0.20	7.14	-280	0.0		
1150	18.70	400		13.06	1.33	0.03	7.17	-281	0.0		
1155	18.90	400		13.07	1.30	0.00	7.17	-281	0.0		
1200	19.09	400		13.07	1.26	0.00	7.17	-281	0.0		
1205	19.27	400		13.06	1.24	0.00	7.17	-281	0.0		
Sample Collection Method: <u>Peri / Bladder</u>		Date: <u>4/26/17</u>		Time: _____		Total Volume of Water Purged (gal): _____					
Hach Test Kits				Sample Set							
Alkalinity (mg/L)		N/A		Parameter		Bottle		Pres.		Method	
Carbon Dioxide (mg/L)		N/A		VOCs		3-40 mL glass vial		HCL		8260C	
Ferrous Iron (mg/L)		N/A		Dissolved Fe & K		1-500 mL poly(field filtered)		HNO3		6010C	
Hydrogen Sulfide (mg/L)		N/A		TOC		2-40mL amber glass vial		H2SO4		9060A	
DTW				M.E.E		3-40 mL glass vial		HCL		RSK-175 mod	
Comments:				Sulfide		1- 250mL glass (field filtered)		NaOH/Zn Acetate		SM 4500 S2	
				Sulfate		2-40 mL glass vial (field filtered)		unpreserved		300.0	
				Microbial Population		In-line filter		N/A		CENSUS	

Low Flow Sampling Record											
Site Name: IP-BP Sanborn		Well ID: B-43M				Well Diameter: 2" S.S.		 <p>Acceptance Criteria:</p> Temp ± 3% pH ± 0.1 unit Sp. Cond. ± 3% ORP ± 10mV DO ± 10% Turbidity <50 NTU Drawdown <0.3 ft			
Samplers: T. Urban M. Kuczk		Water Volume Calculation									
Weather: 60°F, overcast, calm		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									
Purging Data:		feet below top of inner casing									
Method: Peri / Bladder		Date: 4/26/17		Time: 10:54 (hhmm)		Initial Depth to Water: 10.10		Depth to Bottom: 58.85			
Time	DTW	Pump Rate	Volume	Temp	Sp. Cond	DO	pH	ORP	Turb	Comments:	
hhmm	(ft)	(ml/min)	(gal.)	(C)	(ms/cm)	(mg/L)		(mV)	(NTU)		
1210	19.31	400		13.06	1.20	0.00	7.18	-280	0.0		
1215	19.42	400		12.95	1.19	0.00	7.19	-281	0.0		
1220	19.54	400		13.07	1.17	0.00	7.17	-280	0.0		
Sample Collection Method: Peri / Bladder		Date: 4/26/17		Time: 1220		Total Volume of Water Purged (gal): 9 gal					
Hach Test Kits			Sample Set								
Alkalinity (mg/L)	N/A		Parameter		Bottle	Pres.	Method				
Carbon Dioxide (mg/L)	N/A		VOCs	<input checked="" type="checkbox"/>	3-40 mL glass vial	HCL	8260C				
Ferrous Iron (mg/L)	N/A		Dissolved Fe & K	<input type="checkbox"/>	1-500 mL poly(field filtered)	HNO3	6010C				
Hydrogen Sulfide (mg/L)	N/A		TOC	<input type="checkbox"/>	2-40mL amber glass vial	H2SO4	9060A				
DTW			M.E.E	<input type="checkbox"/>	3-40 mL glass vial	HCL	RSK-175 mod				
Comments:			Sulfide	<input type="checkbox"/>	1- 250mL glass (field filtered)	NaOH/Zn Acetate	SM 4500 S2				
			Sulfate	<input type="checkbox"/>	2-40 mL glass vial (field filtered)	unpreserved	300.0				
			Microbial Population	<input type="checkbox"/>	In-line filter	N/A	CENSUS				

Low Flow Sampling Record											
Site Name: IP-BP Sanborn			Well ID: B-44M				Well Diameter: 2" SS			bp	
Samplers: T. Urban M. KUCZKA			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 <small>gal = (Total Depth of Well - Depth to Water) x Casing volume per foot</small>				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, overcast, calm											
Purging Data:						feet below top of inner casing					
Method: Peri / Bladder		Date: 4/26/17		Time: 0824 (hhmm)		Initial Depth to Water: 11.66			Depth to Bottom: 76.13		
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:	
0825	13.45	300		12.10	2.49	2.89	8.02	-270	24.3		
0830	14.40	300		11.94	2.50	0.00	8.05	-290	7.0		
0835	15.25	300		11.91	2.50	0.00	8.06	-302	18.4		
0840	15.46	300		11.94	2.50	0.00	8.05	-304	24.4		
0845	15.87	300		11.94	2.53	0.00	8.00	-313	30.9		
0850	16.16	300		11.95	2.61	0.00	7.75	-316	39.1		
0855	16.60	300		11.98	2.71	0.00	7.41	-317	10.7		
0900	16.65	300		11.97	2.73	0.00	7.39	-318	9.1		
0905	16.77	300		11.98	2.74	0.00	7.31	-322	4.7		
0910	16.96	300		12.01	2.74	0.00	7.26	-327	3.0		
0915	17.00	300		12.06	2.75	0.00	7.21	-329	2.2		
0920	17.12	300		12.07	2.75	0.00	7.18	-332	2.0		
0925	17.20	300		12.09	2.75	0.00	7.16	-335	1.6		
0930	17.22	300		12.13	2.76	0.00	7.15	-336	1.5		
0935	17.35	300		12.17	2.75	0.00	7.13	-337	1.7		
Sample Collection Method: Peri / Bladder		Date: 4/26/17		Time:		Total Volume of Water Purged (gal):					
Hach Test Kits				Sample Set							
Alkalinity (mg/L)		N/A		Parameter		Bottle		Pres.		Method	
Carbon Dioxide (mg/L)		N/A		VOCs		3-40 mL glass vial		HCL		8260C	
Ferrous Iron (mg/L)		N/A		Dissolved Fe & K		1-500 mL poly(field filtered)		HNO3		6010C	
Hydrogen Sulfide (mg/L)		N/A		TOC		2-40mL amber glass vial		H2SO4		9060A	
DTW				M.E.E		3-40 mL glass vial		HCL		RSK-175 mod	
Comments:				Sulfide		1- 250mL glass (field filtered)		NaOH/Zn Acetate		SM 4500 S2	
				Sulfate		2-40 mL glass vial (field filtered)		unpreserved		300.0	
				Microbial Population		In-line filter		N/A		CENSUS	

Low Flow Sampling Record											
Site Name: IP-BP Sanborn			Well ID: B-44M				Well Diameter: 2" SS			bp	
Samplers: T. Urban M. Kuczek			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 <small>gal = (Total Depth of Well - Depth to Water) x Casing volume per foot</small>				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, overcast, calm											
Purging Data:						feet below top of inner casing					
Method: Peri / Bladder		Date: 4/26/17		Time: 0824 (hhmm)		Initial Depth to Water: 11.66			Depth to Bottom: 76.13		
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:	
0940	17.45	300		12.24	2.75	0.00	7.12	-339	1.2		
0945	17.42	300		12.24	2.75	0.00	7.10	-339	1.2		
0950	17.45	300		12.25	2.75	0.00	7.09	-340	1.2		
0955	17.45	300		12.29	2.75	0.00	7.11	-342	1.1		
1000	17.48	300		12.30	2.75	0.00	7.10	-342	1.1		
1005	17.52	300		12.31	2.75	0.00	7.08	-342	1.0		
1010	17.48	300		12.40	2.75	0.00	7.06	-342	1.0		
1015	17.50	300		12.46	2.74	0.00	7.06	-343	1.0		
1020	17.45	300		12.51	2.74	0.00	7.05	-343	1.0		
1025	17.52	300		12.57	2.74	0.00	7.04	-343	0.9		
1030	17.45	300		12.65	2.74	0.00	7.04	-343	0.9		
1035	17.45	300		12.63	2.74	0.00	7.04	-343	0.8		
Sample Collection Method: Peri / Bladder		Date: 4/26/17		Time: 1035		Total Volume of Water Purged (gal): 11.5 gal					
Hach Test Kits				Sample Set							
Alkalinity (mg/L)		N/A		Parameter		Bottle		Pres.		Method	
Carbon Dioxide (mg/L)		N/A		VOCs		3-40 mL glass vial		HCL		8260C	
Ferrous Iron (mg/L)		N/A		Dissolved Fe & K		1-500 mL poly(field filtered)		HNO3		6010C	
Hydrogen Sulfide (mg/L)		N/A		TOC		2-40mL amber glass vial		H2SO4		9060A	
DTW				M.E.E		3-40 mL glass vial		HCL		RSK-175 mod	
Comments:				Sulfide		1- 250mL glass (field filtered)		NaOH/Zn Acetate		SM 4500 S2	
				Sulfate		2-40 mL glass vial (field filtered)		unpreserved		300.0	
				Microbial Population		In-line filter		N/A		CENSUS	


Low Flow Sampling Record											
Site Name: <u>IP-BP Sanborn</u>			Well ID: <u>B-46m</u>				Well Diameter: <u>2"</u>			bp	
Samplers: <u>MKV... + E...</u>			Water Volume Calculation				Acceptance Criteria:				
Weather: <u>55° P, cloudy</u>			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 <small>gal = (Total Depth of Well - Depth to Water) × Casing volume per foot</small>				Temp ± 3% pH ± 0.1 unit Sp. Cond. ± 3% ORP ± 10mV DO ± 10% Turbidity <50 NTU Drawdown <0.3 ft				
Purging Data:						feet below top of inner casing					
Method: <u>Peri / Bladder</u>		Date: <u>4/28/17</u>		Time: <u>10:23</u> <small>(hhmm)</small>		Initial Depth to Water: <u>18.39</u>			Depth to Bottom: <u>40.02</u>		
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:	
<u>10:25</u>	<u>18.39</u>	<u>350</u>		<u>11.13</u>	<u>0.927</u>	<u>3.22</u>	<u>7.35</u>	<u>28</u>	<u>19.1</u>		
<u>10:30</u>	<u>18.39</u>	<u>350</u>		<u>10.89</u>	<u>0.932</u>	<u>0.00</u>	<u>7.37</u>	<u>18</u>	<u>14.8</u>		
<u>10:35</u>	<u>18.39</u>	<u>350</u>		<u>10.84</u>	<u>0.930</u>	<u>0.00</u>	<u>7.50</u>	<u>10</u>	<u>6.8</u>		
<u>10:40</u>	<u>18.39</u>	<u>375</u>		<u>10.81</u>	<u>0.923</u>	<u>0.00</u>	<u>7.42</u>	<u>13</u>	<u>3.0</u>		
<u>10:45</u>	<u>18.39</u>	<u>375</u>		<u>10.96</u>	<u>0.909</u>	<u>0.00</u>	<u>7.37</u>	<u>14</u>	<u>0.0</u>		
<u>10:50</u>	<u>18.39</u>	<u>375</u>		<u>10.85</u>	<u>0.887</u>	<u>0.00</u>	<u>7.36</u>	<u>14</u>	<u>0.0</u>		
<u>10:55</u>	<u>18.39</u>	<u>375</u>		<u>10.89</u>	<u>0.884</u>	<u>0.00</u>	<u>7.35</u>	<u>13</u>	<u>0.0</u>		
<u>11:00</u>	<u>18.39</u>	<u>375</u>		<u>11.07</u>	<u>0.876</u>	<u>0.00</u>	<u>7.34</u>	<u>12</u>	<u>0.0</u>		
Sample Collection Method: <u>Peri / Bladder</u>		Date: <u>4/28/17</u>		Time: <u>11:00</u>		Total Volume of Water Purged (gal): <u>4</u>					
Hach Test Kits				Sample Set							
Alkalinity (mg/L)		N/A		Parameter		Bottle		Pres.		Method	
Carbon Dioxide (mg/L)		N/A		VOCs		3-40 mL glass vial		HCL		8260C	
Ferrous Iron (mg/L)		N/A		Dissolved Fe & K		1-500 mL poly(field filtered)		HNO3		6010C	
Hydrogen Sulfide (mg/L)		N/A		TOC		2-40mL amber glass vial		H2SO4		9060A	
DTW				M.E.E		3-40 mL glass vial		HCL		RSK-175 mod	
Comments:				Sulfide		1- 250mL glass (field filtered)		NaOH/Zn Acetate		SM 4500 S2	
				Sulfate		2-40 mL glass vial (field filtered)		unpreserved		300.0	
				Microbial Population		In-line filter		N/A		CENSUS	

 bp

Low Flow Sampling Record										
Site Name: IP-BP Sanborn				Well ID: B-48H			Well Diameter: 2"			
Samplers: <i>M. Kelly E. Kelly</i>			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 <small>gal = (Total Depth of Well - Depth to Water) x Casing volume per foot</small>			Acceptance Criteria: Temp ± 3% pH ± 0.1 unit Sp. Cond. ± 3% ORP ± 10mV DO ± 10% Turbidity <50 NTU Drawdown <0.3 ft				
Weather: <i>50° sunny</i>										
Purging Data:					feet below top of inner casing					
Method: Peri / Bladder		Date: <i>5/2/17</i>		Time: <i>10:55</i>		Initial Depth to Water: <i>8.45</i>		Depth to Bottom: <i>46.90</i>		
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:
<i>11:00</i>	<i>8.47</i>	<i>300</i>		<i>10.40</i>	<i>0.634</i>	<i>0.00</i>	<i>7.57</i>	<i>60</i>	<i>35.6</i>	
<i>11:05</i>	<i>8.50</i>	<i>450</i>		<i>10.60</i>	<i>0.634</i>	<i>0.00</i>	<i>7.52</i>	<i>62</i>	<i>7.0</i>	
<i>11:10</i>	<i>8.50</i>	<i>450</i>		<i>10.51</i>	<i>0.633</i>	<i>0.00</i>	<i>7.56</i>	<i>59</i>	<i>2.5</i>	
<i>11:15</i>	<i>8.50</i>	<i>450</i>		<i>10.47</i>	<i>0.633</i>	<i>0.00</i>	<i>7.53</i>	<i>57</i>	<i>1.4</i>	
<i>11:20</i>	<i>8.50</i>	<i>450</i>		<i>10.47</i>	<i>0.633</i>	<i>0.00</i>	<i>7.54</i>	<i>57</i>	<i>1.4</i>	
<i>11:25</i>	<i>8.50</i>	<i>450</i>		<i>10.30</i>	<i>0.634</i>	<i>0.00</i>	<i>7.57</i>	<i>56</i>	<i>0.7</i>	
<i>11:30</i>	<i>8.52</i>	<i>450</i>		<i>10.56</i>	<i>0.634</i>	<i>0.00</i>	<i>7.51</i>	<i>57</i>	<i>0.11</i>	
<i>11:35</i>	<i>8.52</i>	<i>450</i>		<i>10.54</i>	<i>0.634</i>	<i>0.00</i>	<i>7.54</i>	<i>58</i>	<i>0.11</i>	
<i>11:40</i>	<i>8.52</i>	<i>450</i>		<i>10.56</i>	<i>0.633</i>	<i>0.00</i>	<i>7.51</i>	<i>58</i>	<i>0.0</i>	
<i>11:45</i>	<i>8.52</i>	<i>450</i>		<i>10.57</i>	<i>0.633</i>	<i>0.00</i>	<i>7.50</i>	<i>57</i>	<i>0.0</i>	
<i>11:50</i>	<i>8.52</i>	<i>450</i>		<i>10.57</i>	<i>0.634</i>	<i>0.00</i>	<i>7.56</i>	<i>56</i>	<i>0.0</i>	
Sample Collection Method: Peri / Bladder		Date: <i>5/2/17</i>		Time: <i>11:50</i>		Total Volume of Water Purged (gal): <i>~6.0</i>				
Hach Test Kits				Sample Set						
Alkalinity (mg/L)	N/A			Parameter		Bottle	Pres.	Method		
Carbon Dioxide (mg/L)	N/A			VOCs	<input checked="" type="checkbox"/>	3-40 mL glass vial	HCL	8260C		
Ferrous Iron (mg/L)	N/A			Dissolved Fe & K	<input type="checkbox"/>	1-500 mL poly(field filtered)	HNO3	6010C		
Hydrogen Sulfide (mg/L)	N/A			TOC	<input type="checkbox"/>	2-40mL amber glass vial	H2SO4	9060A		
DTW				M.E.E	<input type="checkbox"/>	3-40 mL glass vial	HCL	RSK-175 mod		
Comments:	<i>MS/MSD</i>			Sulfide	<input type="checkbox"/>	1- 250mL glass (field filtered)	NaOH/Zn Acetate	SM 4500 S2		
				Sulfate	<input type="checkbox"/>	2-40 mL glass vial (field filtered)	unpreserved	300.0		
				Microbial Population	<input type="checkbox"/>	In-line filter	N/A	CENSUS		

Low Flow Sampling Record											
Site Name: IP-BP Sanborn			Well ID: B-49M				Well Diameter: 2" S.S.			bp	
Samplers: T. 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 <small>gal = (Total Depth of Well - Depth to Water) x Casing volume per foot</small>				Acceptance Criteria: Temp ± 3% pH ± 0.1 unit Sp. Cond. ± 3% ORP ± 10mV DO ± 10% Turbidity <50 NTU Drawdown <0.3 ft				
Weather: 70°F, overcast, calm											
Purging Data:						feet below top of inner casing					
Method: Peri / Bladder		Date: 4/26/17		Time: 1326 (hhmm)		Initial Depth to Water: 19.59			Depth to Bottom: 82.50		
Time hhmm	DTW (ft)	Pump Rate (ml/min)	Volume (gal.)	Temp (C°)	Sp. Cond (ms/cm)	DO (mg/L)	pH	ORP (mV)	Turb (NTU)	Comments:	
1330	20.22	400		15.14	2.59	0.50	7.04	-304	23.0		
1335	20.48	400		14.51	2.63	0.00	7.02	-322	12.8		
1340	20.64	400		13.42	2.66	0.00	6.99	-340	3.2		
1345	20.88	400		13.49	2.68	0.00	6.99	-343	6.2		
1350	20.88	400		13.70	2.68	0.00	6.99	-343	1.1		
1355	20.88	400		14.01	2.68	0.00	6.99	-344	1.3		
1400	21.04	400		14.25	2.67	0.00	6.99	-345	1.5		
1405	21.20	400		14.29	2.67	0.00	6.98	-345	2.1		
1410	21.22	400		14.40	2.66	0.00	6.95	-345	2.6		
1415	21.30	400		14.50	2.65	0.00	6.95	-345	3.1		
1420	21.35	400		14.60	2.64	0.00	6.96	-346	3.5		
1425	21.35	400		14.81	2.63	0.00	6.95	-346	3.8		
1430	21.35	400		14.92	2.62	0.00	6.94	-346	4.3		
1435	21.35	400		15.08	2.61	0.00	6.95	-347	4.5		
1440	21.45	400		15.18	2.60	0.00	6.95	-347	4.8		
Sample Collection Method: Peri / Bladder		Date: 4/26/17		Time:		Total Volume of Water Purged (gal):					
Hach Test Kits				Sample Set							
Alkalinity (mg/L)	N/A			Parameter		Bottle	Pres.	Method			
Carbon Dioxide (mg/L)	N/A			VOCs	<input checked="" type="checkbox"/>	3-40 mL glass vial	HCL	8260C			
Ferrous Iron (mg/L)	N/A			Dissolved Fe & K	<input type="checkbox"/>	1-500 mL poly(field filtered)	HNO3	6010C			
Hydrogen Sulfide (mg/L)	N/A			TOC	<input type="checkbox"/>	2-40mL amber glass vial	H2SO4	9060A			
DTW				M.E.E	<input type="checkbox"/>	3-40 mL glass vial	HCL	RSK-175 mod			
Comments:				Sulfide	<input type="checkbox"/>	1- 250mL glass (field filtered)	NaOH/Zn Acetate	SM 4500 S2			
				Sulfate	<input type="checkbox"/>	2-40 mL glass vial (field filtered)	unpreserved	300.0			
				Microbial Population	<input type="checkbox"/>	In-line filter	N/A	CENSUS			

Low Flow Sampling Record bp											
Site Name: IP-BP Sanborn			Well ID: B-49M				Well Diameter: 2" SS				
Samplers: T-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 <small>gal = (Total Depth of Well - Depth to Water) × Casing volume per foot</small>				Acceptance Criteria: Temp ± 3% pH ± 0.1 unit Sp. Cond. ± 3% ORP ± 10mV DO ± 10% Turbidity <50 NTU Drawdown <0.3 ft				
Weather: 70°F, SUNNY, calm											
Purging Data:						feet below top of inner casing					
Method: Peri / Bladder		Date: 4/26/17		Time: 1326 (hhmm)		Initial Depth to Water: 19.59			Depth to Bottom: 82.50		
Time hhmm	DTW (ft)	Pump Rate (ml/min)	Volume (gal.)	Temp (C°)	Sp. Cond (ms/cm)	DO (mg/L)	pH	ORP (mV)	Turb (NTU)	Comments:	
1445	21.55	400		15.44	2.60	0.00	6.94	-346	4.7		
1450	21.50	400		15.80	2.56	0.00	6.92	-345	4.3		
1455	21.55	400		16.02	2.56	0.00	6.93	-347	4.5		
1500	21.55	400		15.96	2.55	0.00	6.93	-347	5.2		
1505	21.55	400		16.03	2.55	0.00	6.91	-346	5.3		
1510	21.60	400		15.95	2.55	0.00	6.90	-345	5.5		
Sample Collection Method: Peri / Bladder		Date: 4/26/17		Time: 1510		Total Volume of Water Purged (gal): 10.0					
Hach Test Kits				Sample Set							
Alkalinity (mg/L)		N/A		Parameter		Bottle		Pres.		Method	
Carbon Dioxide (mg/L)		N/A		VOCs <input checked="" type="checkbox"/>		3-40 mL glass vial		HCL		8260C	
Ferrous Iron (mg/L)		N/A		Dissolved Fe & K <input type="checkbox"/>		1-500 mL poly(field filtered)		HNO3		6010C	
Hydrogen Sulfide (mg/L)		N/A		TOC <input type="checkbox"/>		2-40mL amber glass vial		H2SO4		9060A	
DTW				M.E.E <input type="checkbox"/>		3-40 mL glass vial		HCL		RSK-175 mod	
Comments:				Sulfide <input type="checkbox"/>		1- 250mL glass (field filtered)		NaOH/Zn Acetate		SM 4500 S2	
				Sulfate <input type="checkbox"/>		2-40 mL glass vial (field filtered)		unpreserved		300.0	
				Microbial Population <input type="checkbox"/>		in-line filter		N/A		CENSUS	

Low Flow Sampling Record												
Site Name: IP-BP Sanborn			Well ID: B-50.M				Well Diameter: 2" S.S.			bp 		
Samplers: <u>TU & ET</u>			Water Volume Calculation				Acceptance Criteria:					
Weather:			1 inch= 0.041		6 inch= 1.4		Temp	± 3%				
			1.5 inch= 0.092		8 inch= 2.5		pH	± 0.1 unit				
			2 inch= 0.163		10 inch= 4		Sp. Cond.	± 3%				
			4 inch= 0.64		ORP					± 10mV		
			gal = (Total Depth of Well - Depth to Water) × Casing volume per foot					DO	± 10%			
								Turbidity	<50 NTU			
								Drawdown	<0.3 ft			
Purging Data:						feet below top of inner casing						
Method: Peri / Bladder		Date: 5/4/17		Time: 10:39 (hhmm)		Initial Depth to Water: 4.15			Depth to Bottom: 35.80			
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:		
1040	4.17	400		10.03	0.704	0.00	7.69	67	7.9			
1045	4.17	400		9.94	0.707	0.00	7.60	71	5.4			
1050	4.17	400		9.88	0.710	0.00	7.52	75	2.7			
1055	4.17	400		9.94	0.710	0.00	7.52	76	0.5			
1100	4.17	400		9.93	0.710	0.00	7.52	77	0.0			
1105	4.17	400		9.98	0.707	0.00	7.56	75	0.0			
1110	4.17	400		9.98	0.707	0.00	7.55	76	0.0			
1115	4.17	400		10.00	0.708	0.00	7.51	78	0.6			
1120	4.17	400		10.04	0.708	0.00	7.45	82	0.0			
1125	4.17	400		10.03	0.708	0.00	7.44	83	0.0			
Sample Collection Method: <u>Peri / Bladder</u>		Date: 5/4/17		Time: 1125		Total Volume of Water Purged (gal):						
Hach Test Kits				Sample Set								
Alkalinity (mg/L)		N/A		Parameter		Bottle		Pres.		Method		
Carbon Dioxide (mg/L)		N/A		VOCs		3-40 mL glass vial		HCL		8260C		
Ferrous Iron (mg/L)		N/A		Dissolved Fe & K		1-500 mL poly(field filtered)		HNO3		6010C		
Hydrogen Sulfide (mg/L)		N/A		TOC		2-40mL amber glass vial		H2SO4		9060A		
DTW				M.E.E		3-40 mL glass vial		HCL		RSK-175 mod		
Comments:				Sulfide		1- 250mL glass (field filtered)		NaOH/Zn Acetate		SM 4500 S2		
				Sulfate		2-40 mL glass vial (field filtered)		unpreserved		300.0		
				Microbial Population		In-line filter		N/A		CENSUS		

Low Flow Sampling Record											
Site Name: <u>IP-BP Sanborn</u>			Well ID: <u>B-52M</u>				Well Diameter: _____			bp	
Samplers: <u>TU + ET</u>			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 <small>gal = (Total Depth of Well - Depth to Water) × Casing volume per foot</small>				Acceptance Criteria: Temp ± 3% pH ± 0.1 unit Sp. Cond. ± 3% ORP ± 10mV DO ± 10% Turbidity <50 NTU Drawdown <0.3 ft				
Weather: <u>55°F, Cloudy, calm</u>											
Purging Data:						feet below top of inner casing					
Method: <u>Peri / Bladder</u>		Date: <u>5/4/17</u>		Time: <u>0854</u> <small>(hhmm)</small>		Initial Depth to Water <u>4.02</u>			Depth to Bottom <u>22.41</u>		
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:	
<u>0900</u>	<u>4.05</u>	<u>350</u>		<u>9.80</u>	<u>0.770</u>	<u>5.31</u>	<u>7.81</u>	<u>62</u>	<u>88.3</u>		
<u>0905</u>	<u>4.05</u>	<u>356</u>		<u>9.28</u>	<u>0.770</u>	<u>2.08</u>	<u>7.59</u>	<u>45</u>	<u>52.9</u>		
<u>0910</u>	<u>4.05</u>	<u>350</u>		<u>9.17</u>	<u>0.770</u>	<u>1.01</u>	<u>7.59</u>	<u>51</u>	<u>22.7</u>		
<u>0915</u>	<u>4.05</u>	<u>350</u>		<u>9.13</u>	<u>0.767</u>	<u>0.04</u>	<u>7.58</u>	<u>61</u>	<u>10.8</u>		
<u>0920</u>	<u>4.05</u>	<u>350</u>		<u>9.10</u>	<u>0.765</u>	<u>0.00</u>	<u>7.59</u>	<u>67</u>	<u>6.9</u>		
<u>0925</u>	<u>4.05</u>	<u>350</u>		<u>9.10</u>	<u>0.764</u>	<u>0.00</u>	<u>7.59</u>	<u>70</u>	<u>5.0</u>		
<u>0930</u>	<u>4.05</u>	<u>350</u>		<u>9.11</u>	<u>0.763</u>	<u>0.00</u>	<u>7.59</u>	<u>73</u>	<u>3.9</u>		
Sample Collection Method: <u>Peri / Bladder</u>		Date: <u>5/4/17</u>		Time: <u>0930</u>		Total Volume of Water Purged (gal): <u>3 gal</u>					
Hach Test Kits				Sample Set							
Alkalinity (mg/L)		N/A		Parameter		Bottle		Pres.		Method	
Carbon Dioxide (mg/L)		N/A		VOCs		3-40 mL glass vial		HCL		8260C	
Ferrous Iron (mg/L)		N/A		Dissolved Fe & K		1-500 mL poly(field filtered)		HNO3		6010C	
Hydrogen Sulfide (mg/L)		N/A		TOC		2-40mL amber glass vial		H2SO4		9060A	
DTW				M.E.E		3-40 mL glass vial		HCL		RSK-175 mod	
Comments:				Sulfide		1- 250mL glass (field filtered)		NaOH/Zn Acetate		SM 4500 S2	
				Sulfate		2-40 mL glass vial (field filtered)		unpreserved		300.0	
				Microbial Population		In-line filter		N/A		CENSUS	

Low Flow Sampling Record										
Site Name: IP-BP Sanborn			Well ID: B-53M				Well Diameter: 2" SS.			bp
Samplers: JUT			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 <small>gal = (Total Depth of Well - Depth to Water) x Casing volume per foot</small>				Acceptance Criteria: Temp ± 3% pH ± 0.1 unit Sp. Cond. ± 3% ORP ± 10mV DO ± 10% Turbidity <50 NTU Drawdown <0.3 ft			
Weather:			Purging Data:				feet below top of inner casing			
Method: Peri / Bladder		Date: 5/4/17		Time: 0932 (hhmm)		Initial Depth to Water: 3.97		Depth to Bottom: 37.27		
Time hhmm	DTW (ft)	Pump Rate (ml/min)	Volume (gal.)	Temp (C°)	Sp. Cond (ms/cm)	DO (mg/L)	pH	ORP (mV)	Turb (NTU)	Comments:
0935	3.97	350		9.41	0.602	0.19	7.56	78	14.2	
0940	3.97	350		9.59	0.695	0.00	7.51	86	1.0	
0945	3.97	350		9.65	0.693	0.00	7.48	76	0.0	
0950	3.97	350		9.71	0.694	0.00	7.54	53	0.0	
0955	3.97	350		9.76	0.691	0.00	7.66	38	0.0	
1000	3.97	350		9.79	0.692	0.00	7.64	31	0.0	
1005	3.97	350		9.82	0.693	0.00	7.65	23	0.0	
1010	3.97	350		9.85	0.694	0.00	7.65	12	0.0	
1015	3.97	350		9.87	0.692	0.00	7.65	4	0.0	
1020	3.97	350		9.87	0.692	0.00	7.62	2	0.0	
Sample Collection Method: Peri / Bladder		Date: 5/4/17		Time: 1020		Total Volume of Water Purged (gal):				
Hach Test Kits			Sample Set							
Alkalinity (mg/L)	N/A		Parameter		Bottle	Pres.	Method			
Carbon Dioxide (mg/L)	N/A		VOCs	<input checked="" type="checkbox"/>	3-40 mL glass vial	HCL	8260C			
Ferrous Iron (mg/L)	N/A		Dissolved Fe & K	<input type="checkbox"/>	1-500 mL poly(field filtered)	HNO3	6010C			
Hydrogen Sulfide (mg/L)	N/A		TOC	<input type="checkbox"/>	2-40mL amber glass vial	H2SO4	9060A			
DTW			M.E.E	<input type="checkbox"/>	3-40 mL glass vial	HCL	RSK-175 mod			
Comments:			Sulfide	<input type="checkbox"/>	1- 250mL glass (field filtered)	NaOH/Zn Acetate	SM 4500 S2			
			Sulfate	<input type="checkbox"/>	2-40 mL glass vial (field filtered)	unpreserved	300.0			
			Microbial Population	<input type="checkbox"/>	In-line filter	N/A	CENSUS			

Low Flow Sampling Record											
Site Name: <u>IP-BP Sanborn</u>			Well ID: <u>B-56 M</u>				Well Diameter: <u>2" S.S.</u>			bp	
Samplers: <u>TW & MK</u>			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 <small>gal = (Total Depth of Well - Depth to Water) x Casing volume per foot</small>				Acceptance Criteria: Temp ± 3% pH ± 0.1 unit Sp. Cond. ± 3% ORP ± 10mV DO ± 10% Turbidity <50 NTU Drawdown <0.3 ft				
Weather:											
Purging Data:						feet below top of inner casing					
Method: <u>Peri Bladder</u>		Date: <u>5/3/17</u>		Time: <u>1252</u> (hhmm)		Initial Depth to Water: <u>17.68</u>			Depth to Bottom: <u>39.67</u>		
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:	
1255	17.80	400		11.14	2.09	0.00	7.46	-164	32.4		
1300	17.84	300		11.09	1.81	0.00	7.50	-188	15.1		
1305	17.82	300		10.93	1.45	0.00	7.50	-211	7.7		
1310	17.78	300		10.92	1.09	0.00	7.52	-220	4.1		
1315	17.82	300		10.88	1.01	0.00	7.53	-223	1.8		
1320	17.85	300		10.85	0.952	0.00	7.55	-225	0.0		
1325	17.80	300		10.90	0.946	0.00	7.55	-227	1.4		
1330	17.82	300		10.91	0.905	0.00	7.53	-227	0.7		
1335	17.82	300		10.89	0.920	0.00	7.55	-228	0.8		
1340	17.82	300		10.88	0.896	0.00	7.55	-228	0.4		
1345	17.82	300		10.88	0.865	0.00	7.56	-228	0.1		
1350	17.82	300		10.88	0.850	0.00	7.57	-228	0.0		
1355	17.82	300		10.92	0.848	0.00	7.50	-229	0.1		
Sample Collection Method: <u>Peri Bladder</u>		Date: <u>5/3/17</u>		Time: <u>13:55</u>		Total Volume of Water Purged (gal): <u>6</u>					
Hach Test Kits				Sample Set							
Alkalinity (mg/L)		N/A		Parameter		Bottle		Pres.		Method	
Carbon Dioxide (mg/L)		N/A		VOCs		3-40 mL glass vial		HCL		8260C	
Ferrous Iron (mg/L)		N/A		Dissolved Fe & K		1-500 mL poly(field filtered)		HNO3		6010C	
Hydrogen Sulfide (mg/L)		N/A		TOC		2-40mL amber glass vial		H2SO4		9060A	
DTW				M.E.E		3-40 mL glass vial		HCL		RSK-175 mod	
Comments:				Sulfide		1- 250mL glass (field filtered)		NaOH/Zn Acetate		SM 4500 S2	
				Sulfate		2-40 mL glass vial (field filtered)		unpreserved		300.0	
				Microbial Population		In-line filter		N/A		CENSUS	

Low Flow Sampling Record bp										
Site Name: IP-BP Sanborn			Well ID: Tank-002			Well Diameter:				
Samplers: E. The/ber			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 <small>gal = (Total Depth of Well - Depth to Water) x Casing volume per foot</small>			Acceptance Criteria: Temp ± 3% pH ± 0.1 unit Sp. Cond. ± 3% ORP ± 10mV DO ± 10% Turbidity <50 NTU Drawdown <0.3 ft				
Weather:										
Purging Data:						feet below top of inner casing				
Method: Peri / Bladder		Date: 5-3-17		Time: (hhmm)		Initial Depth to Water		Depth to Bottom		
Time hhmm	DTW (ft)	Pump Rate (ml/min)	Volume (gal.)	Temp (C)	Sp. Cond (ms/cm)	DO (mg/L)	pH	ORP (mV)	Turb (NTU)	Comments:
800	—	—	—	11.64	0.812	1.64	7.84	67	Max	
1000	—	—	—	11.75	0.735	2.01	7.93	81	Max	
1200	—	—	—	11.84	0.679	2.38	7.81	80	Max	
1400	—	—	—	12.10	0.787	1.75	7.80	77	Max	
Sample Collection Method: Peri / Bladder		Date: 5/3/17		Time: 0800-1400		Total Volume of Water Purged (gal):				
Hach Test Kits			Sample Set							
Alkalinity (mg/L)	N/A		Parameter	<input type="checkbox"/>	Bottle	Pres.	Method			
Carbon Dioxide (mg/L)	N/A		VOCs	<input checked="" type="checkbox"/>	3-40 mL glass vial	HCL	8260C			
Ferrous Iron (mg/L)	N/A		Dissolved Fe & K	<input type="checkbox"/>	1-500 mL poly(field filtered)	HNO3	6010C			
Hydrogen Sulfide (mg/L)	N/A		TOC	<input type="checkbox"/>	2-40mL amber glass vial	H2SO4	9060A			
DTW			M.E.E	<input type="checkbox"/>	3-40 mL glass vial	HCL	RSK-175 mod			
Comments:			Sulfide	<input type="checkbox"/>	1- 250mL glass (field filtered)	NaOH/Zn Acetate	SM 4500 S2			
			Sulfate	<input type="checkbox"/>	2-40 mL glass vial (field filtered)	unpreserved	300.0			
			Microbial Population	<input type="checkbox"/>	In-line filter	N/A	CENSUS			

Appendix B

Analytical Laboratory Data Reports

TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

ANALYTICAL REPORT

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

TestAmerica Job ID: 240-78855-1
Client Project/Site: BP Sanborn

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

Attn: George Kisluk



Authorized for release by:
5/15/2017 3:14:19 PM

Amy McCormick, Project Manager II
(330)966-9787
amy.mccormick@testamericainc.com

LINKS

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www.testamericainc.com

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

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

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Definitions/Glossary

Client: AECOM, Inc.
Project/Site: BP Sanborn

TestAmerica Job ID: 240-78855-1

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.
▫	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CNF	Contains No Free Liquid
DER	Duplicate Error Ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL	Detection Limit (DoD/DOE)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision Level Concentration (Radiochemistry)
EDL	Estimated Detection Limit (Dioxin)
LOD	Limit of Detection (DoD/DOE)
LOQ	Limit of Quantitation (DoD/DOE)
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
NC	Not Calculated
ND	Not Detected at the reporting limit (or MDL or EDL if shown)
PQL	Practical Quantitation Limit
QC	Quality Control
RER	Relative Error Ratio (Radiochemistry)
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)

Case Narrative

Client: AECOM, Inc.
Project/Site: BP Sanborn

TestAmerica Job ID: 240-78855-1

Job ID: 240-78855-1

Laboratory: TestAmerica Canton

Narrative

CASE NARRATIVE

Client: AECOM, Inc.

Project: BP Sanborn

Report Number: 240-78855-1

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.

TestAmerica Canton attests to the validity of the laboratory data generated by TestAmerica facilities reported herein. All analyses performed by TestAmerica facilities were done using established laboratory SOPs that incorporate QA/QC procedures described in the application methods. 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 TestAmerica and its client.

RECEIPT

The samples were received on 4/29/2017 9:45 AM; the samples arrived in good condition, properly preserved and, where required, on ice. The temperature of the cooler at receipt was 2.9° C.

Samples were analyzed for 8260C VOCs as instructed by James Kaczor on 04/30/2017.

VOLATILE ORGANIC COMPOUNDS (GCMS)

Samples B-17M (240-78855-1), B-42M (240-78855-2), B-44M (240-78855-3), B-43M (240-78855-4), B-3M (240-78855-5), B-13M (240-78855-6), B-49M (240-78855-7), B-19M (240-78855-8), B-38M (240-78855-9), QUARRY (240-78855-10), B-21M (240-78855-11), B-22M (240-78855-12), B-28M (240-78855-13) and TB-04262017 (240-78855-14) were analyzed for volatile organic compounds (GCMS) in accordance with EPA SW-846 Method 8260C. The samples were analyzed on 05/04/2017 and 05/05/2017.

Samples B-17M (240-78855-1)[250X], B-3M (240-78855-5)[3.33X], B-13M (240-78855-6)[12.5X] and B-22M (240-78855-12)[1.25X] 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, Inc.
Project/Site: BP Sanborn

TestAmerica Job ID: 240-78855-1

Method	Method Description	Protocol	Laboratory
8260C	Volatile Organic Compounds by GC/MS	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 = TestAmerica Canton, 4101 Shuffel Street NW, North Canton, OH 44720, TEL (330)497-9396

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Sample Summary

Client: AECOM, Inc.
Project/Site: BP Sanborn

TestAmerica Job ID: 240-78855-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
240-78855-1	B-17M	Water	04/26/17 09:35	04/29/17 09:45
240-78855-2	B-42M	Water	04/26/17 11:00	04/29/17 09:45
240-78855-3	B-44M	Water	04/26/17 10:35	04/29/17 09:45
240-78855-4	B-43M	Water	04/26/17 12:20	04/29/17 09:45
240-78855-5	B-3M	Water	04/26/17 12:20	04/29/17 09:45
240-78855-6	B-13M	Water	04/26/17 14:35	04/29/17 09:45
240-78855-7	B-49M	Water	04/26/17 15:10	04/29/17 09:45
240-78855-8	B-19M	Water	04/26/17 15:50	04/29/17 09:45
240-78855-9	B-38M	Water	04/27/17 10:30	04/29/17 09:45
240-78855-10	QUARRY	Water	04/27/17 11:15	04/29/17 09:45
240-78855-11	B-21M	Water	04/27/17 13:10	04/29/17 09:45
240-78855-12	B-22M	Water	04/27/17 13:45	04/29/17 09:45
240-78855-13	B-28M	Water	04/27/17 15:35	04/29/17 09:45
240-78855-14	TB-04262017	Water	04/26/17 00:00	04/29/17 09:45

Detection Summary

Client: AECOM, Inc.
Project/Site: BP Sanborn

TestAmerica Job ID: 240-78855-1

Client Sample ID: B-17M

Lab Sample ID: 240-78855-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,1-Dichloroethane	65	J	250	63	ug/L	250		8260C	Total/NA
cis-1,2-Dichloroethene	4000		250	75	ug/L	250		8260C	Total/NA
Trichloroethene	6400		250	83	ug/L	250		8260C	Total/NA
Vinyl chloride	510		250	110	ug/L	250		8260C	Total/NA

Client Sample ID: B-42M

Lab Sample ID: 240-78855-2

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
cis-1,2-Dichloroethene	8.1		1.0	0.30	ug/L	1		8260C	Total/NA
trans-1,2-Dichloroethene	0.92	J	1.0	0.29	ug/L	1		8260C	Total/NA
Trichloroethene	4.9		1.0	0.33	ug/L	1		8260C	Total/NA

Client Sample ID: B-44M

Lab Sample ID: 240-78855-3

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,1-Dichloroethane	7.1		1.0	0.25	ug/L	1		8260C	Total/NA
cis-1,2-Dichloroethene	8.6		1.0	0.30	ug/L	1		8260C	Total/NA
trans-1,2-Dichloroethene	0.52	J	1.0	0.29	ug/L	1		8260C	Total/NA
Trichloroethene	2.5		1.0	0.33	ug/L	1		8260C	Total/NA
Vinyl chloride	5.4		1.0	0.45	ug/L	1		8260C	Total/NA

Client Sample ID: B-43M

Lab Sample ID: 240-78855-4

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
cis-1,2-Dichloroethene	7.4		1.0	0.30	ug/L	1		8260C	Total/NA
Trichloroethene	0.36	J	1.0	0.33	ug/L	1		8260C	Total/NA
Vinyl chloride	5.7		1.0	0.45	ug/L	1		8260C	Total/NA

Client Sample ID: B-3M

Lab Sample ID: 240-78855-5

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,1-Dichloroethane	1.3	J	3.3	0.83	ug/L	3.333		8260C	Total/NA
cis-1,2-Dichloroethene	110		3.3	1.0	ug/L	3.333		8260C	Total/NA
trans-1,2-Dichloroethene	1.9	J	3.3	0.97	ug/L	3.333		8260C	Total/NA
Trichloroethene	26		3.3	1.1	ug/L	3.333		8260C	Total/NA
Vinyl chloride	14		3.3	1.5	ug/L	3.333		8260C	Total/NA

Client Sample ID: B-13M

Lab Sample ID: 240-78855-6

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,1-Dichloroethane	10	J	13	3.1	ug/L	12.5		8260C	Total/NA
cis-1,2-Dichloroethene	390		13	3.8	ug/L	12.5		8260C	Total/NA
trans-1,2-Dichloroethene	5.5	J	13	3.6	ug/L	12.5		8260C	Total/NA
Trichloroethene	260		13	4.1	ug/L	12.5		8260C	Total/NA
Vinyl chloride	8.7	J	13	5.6	ug/L	12.5		8260C	Total/NA

Client Sample ID: B-49M

Lab Sample ID: 240-78855-7

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
cis-1,2-Dichloroethene	0.38	J	1.0	0.30	ug/L	1		8260C	Total/NA

This Detection Summary does not include radiochemical test results.

TestAmerica Canton

Detection Summary

Client: AECOM, Inc.
Project/Site: BP Sanborn

TestAmerica Job ID: 240-78855-1

Client Sample ID: B-19M

Lab Sample ID: 240-78855-8

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
cis-1,2-Dichloroethene	1.1		1.0	0.30	ug/L	1		8260C	Total/NA
Vinyl chloride	0.71	J	1.0	0.45	ug/L	1		8260C	Total/NA

Client Sample ID: B-38M

Lab Sample ID: 240-78855-9

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,1-Dichloroethane	0.55	J	1.0	0.25	ug/L	1		8260C	Total/NA
1,1-Dichloroethene	0.73	J	1.0	0.27	ug/L	1		8260C	Total/NA
cis-1,2-Dichloroethene	35		1.0	0.30	ug/L	1		8260C	Total/NA
trans-1,2-Dichloroethene	0.64	J	1.0	0.29	ug/L	1		8260C	Total/NA
Trichloroethene	21		1.0	0.33	ug/L	1		8260C	Total/NA
Vinyl chloride	2.9		1.0	0.45	ug/L	1		8260C	Total/NA

Client Sample ID: QUARRY

Lab Sample ID: 240-78855-10

No Detections.

Client Sample ID: B-21M

Lab Sample ID: 240-78855-11

No Detections.

Client Sample ID: B-22M

Lab Sample ID: 240-78855-12

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,1-Dichloroethane	0.41	J	1.3	0.31	ug/L	1.25		8260C	Total/NA
cis-1,2-Dichloroethene	50		1.3	0.38	ug/L	1.25		8260C	Total/NA
trans-1,2-Dichloroethene	2.2		1.3	0.36	ug/L	1.25		8260C	Total/NA
Trichloroethene	20		1.3	0.41	ug/L	1.25		8260C	Total/NA

Client Sample ID: B-28M

Lab Sample ID: 240-78855-13

No Detections.

Client Sample ID: TB-04262017

Lab Sample ID: 240-78855-14

No Detections.

This Detection Summary does not include radiochemical test results.

TestAmerica Canton

Client Sample Results

Client: AECOM, Inc.
Project/Site: BP Sanborn

TestAmerica Job ID: 240-78855-1

Client Sample ID: B-17M

Date Collected: 04/26/17 09:35

Date Received: 04/29/17 09:45

Lab Sample ID: 240-78855-1

Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		250	58	ug/L			05/04/17 22:24	250
1,1-Dichloroethane	65	J	250	63	ug/L			05/04/17 22:24	250
1,1-Dichloroethene	ND		250	68	ug/L			05/04/17 22:24	250
Carbon tetrachloride	ND		250	88	ug/L			05/04/17 22:24	250
Chloroform	ND		250	78	ug/L			05/04/17 22:24	250
cis-1,2-Dichloroethene	4000		250	75	ug/L			05/04/17 22:24	250
Methylene Chloride	ND		250	130	ug/L			05/04/17 22:24	250
Tetrachloroethene	ND		250	75	ug/L			05/04/17 22:24	250
trans-1,2-Dichloroethene	ND		250	73	ug/L			05/04/17 22:24	250
Trichloroethene	6400		250	83	ug/L			05/04/17 22:24	250
Vinyl chloride	510		250	110	ug/L			05/04/17 22:24	250
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	89		61 - 138					05/04/17 22:24	250
4-Bromofluorobenzene (Surr)	91		69 - 120					05/04/17 22:24	250
Dibromofluoromethane (Surr)	86		69 - 124					05/04/17 22:24	250
Toluene-d8 (Surr)	104		73 - 120					05/04/17 22:24	250

Client Sample Results

Client: AECOM, Inc.
Project/Site: BP Sanborn

TestAmerica Job ID: 240-78855-1

Client Sample ID: B-42M

Date Collected: 04/26/17 11:00

Date Received: 04/29/17 09:45

Lab Sample ID: 240-78855-2

Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0	0.23	ug/L			05/04/17 22:47	1
1,1-Dichloroethane	ND		1.0	0.25	ug/L			05/04/17 22:47	1
1,1-Dichloroethene	ND		1.0	0.27	ug/L			05/04/17 22:47	1
Carbon tetrachloride	ND		1.0	0.35	ug/L			05/04/17 22:47	1
Chloroform	ND		1.0	0.31	ug/L			05/04/17 22:47	1
cis-1,2-Dichloroethene	8.1		1.0	0.30	ug/L			05/04/17 22:47	1
Methylene Chloride	ND		1.0	0.53	ug/L			05/04/17 22:47	1
Tetrachloroethene	ND		1.0	0.30	ug/L			05/04/17 22:47	1
trans-1,2-Dichloroethene	0.92	J	1.0	0.29	ug/L			05/04/17 22:47	1
Trichloroethene	4.9		1.0	0.33	ug/L			05/04/17 22:47	1
Vinyl chloride	ND		1.0	0.45	ug/L			05/04/17 22:47	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	92		61 - 138		05/04/17 22:47	1
4-Bromofluorobenzene (Surr)	95		69 - 120		05/04/17 22:47	1
Dibromofluoromethane (Surr)	87		69 - 124		05/04/17 22:47	1
Toluene-d8 (Surr)	105		73 - 120		05/04/17 22:47	1

Client Sample Results

Client: AECOM, Inc.
Project/Site: BP Sanborn

TestAmerica Job ID: 240-78855-1

Client Sample ID: B-44M

Date Collected: 04/26/17 10:35

Date Received: 04/29/17 09:45

Lab Sample ID: 240-78855-3

Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0	0.23	ug/L			05/04/17 23:10	1
1,1-Dichloroethane	7.1		1.0	0.25	ug/L			05/04/17 23:10	1
1,1-Dichloroethene	ND		1.0	0.27	ug/L			05/04/17 23:10	1
Carbon tetrachloride	ND		1.0	0.35	ug/L			05/04/17 23:10	1
Chloroform	ND		1.0	0.31	ug/L			05/04/17 23:10	1
cis-1,2-Dichloroethene	8.6		1.0	0.30	ug/L			05/04/17 23:10	1
Methylene Chloride	ND		1.0	0.53	ug/L			05/04/17 23:10	1
Tetrachloroethene	ND		1.0	0.30	ug/L			05/04/17 23:10	1
trans-1,2-Dichloroethene	0.52	J	1.0	0.29	ug/L			05/04/17 23:10	1
Trichloroethene	2.5		1.0	0.33	ug/L			05/04/17 23:10	1
Vinyl chloride	5.4		1.0	0.45	ug/L			05/04/17 23:10	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	87		61 - 138					05/04/17 23:10	1
4-Bromofluorobenzene (Surr)	93		69 - 120					05/04/17 23:10	1
Dibromofluoromethane (Surr)	88		69 - 124					05/04/17 23:10	1
Toluene-d8 (Surr)	102		73 - 120					05/04/17 23:10	1

Client Sample Results

Client: AECOM, Inc.
Project/Site: BP Sanborn

TestAmerica Job ID: 240-78855-1

Client Sample ID: B-43M

Date Collected: 04/26/17 12:20

Date Received: 04/29/17 09:45

Lab Sample ID: 240-78855-4

Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0	0.23	ug/L			05/04/17 23:33	1
1,1-Dichloroethane	ND		1.0	0.25	ug/L			05/04/17 23:33	1
1,1-Dichloroethene	ND		1.0	0.27	ug/L			05/04/17 23:33	1
Carbon tetrachloride	ND		1.0	0.35	ug/L			05/04/17 23:33	1
Chloroform	ND		1.0	0.31	ug/L			05/04/17 23:33	1
cis-1,2-Dichloroethene	7.4		1.0	0.30	ug/L			05/04/17 23:33	1
Methylene Chloride	ND		1.0	0.53	ug/L			05/04/17 23:33	1
Tetrachloroethene	ND		1.0	0.30	ug/L			05/04/17 23:33	1
trans-1,2-Dichloroethene	ND		1.0	0.29	ug/L			05/04/17 23:33	1
Trichloroethene	0.36	J	1.0	0.33	ug/L			05/04/17 23:33	1
Vinyl chloride	5.7		1.0	0.45	ug/L			05/04/17 23:33	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	90		61 - 138					05/04/17 23:33	1
4-Bromofluorobenzene (Surr)	94		69 - 120					05/04/17 23:33	1
Dibromofluoromethane (Surr)	84		69 - 124					05/04/17 23:33	1
Toluene-d8 (Surr)	104		73 - 120					05/04/17 23:33	1

Client Sample Results

Client: AECOM, Inc.
Project/Site: BP Sanborn

TestAmerica Job ID: 240-78855-1

Client Sample ID: B-3M
Date Collected: 04/26/17 12:20
Date Received: 04/29/17 09:45

Lab Sample ID: 240-78855-5
Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		3.3	0.77	ug/L			05/04/17 23:56	3.333
1,1-Dichloroethane	1.3	J	3.3	0.83	ug/L			05/04/17 23:56	3.333
1,1-Dichloroethene	ND		3.3	0.90	ug/L			05/04/17 23:56	3.333
Carbon tetrachloride	ND		3.3	1.2	ug/L			05/04/17 23:56	3.333
Chloroform	ND		3.3	1.0	ug/L			05/04/17 23:56	3.333
cis-1,2-Dichloroethene	110		3.3	1.0	ug/L			05/04/17 23:56	3.333
Methylene Chloride	ND		3.3	1.8	ug/L			05/04/17 23:56	3.333
Tetrachloroethene	ND		3.3	1.0	ug/L			05/04/17 23:56	3.333
trans-1,2-Dichloroethene	1.9	J	3.3	0.97	ug/L			05/04/17 23:56	3.333
Trichloroethene	26		3.3	1.1	ug/L			05/04/17 23:56	3.333
Vinyl chloride	14		3.3	1.5	ug/L			05/04/17 23:56	3.333
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	89		61 - 138					05/04/17 23:56	3.333
4-Bromofluorobenzene (Surr)	93		69 - 120					05/04/17 23:56	3.333
Dibromofluoromethane (Surr)	84		69 - 124					05/04/17 23:56	3.333
Toluene-d8 (Surr)	104		73 - 120					05/04/17 23:56	3.333

Client Sample Results

Client: AECOM, Inc.
Project/Site: BP Sanborn

TestAmerica Job ID: 240-78855-1

Client Sample ID: B-13M

Date Collected: 04/26/17 14:35

Date Received: 04/29/17 09:45

Lab Sample ID: 240-78855-6

Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		13	2.9	ug/L			05/05/17 00:19	12.5
1,1-Dichloroethane	10	J	13	3.1	ug/L			05/05/17 00:19	12.5
1,1-Dichloroethene	ND		13	3.4	ug/L			05/05/17 00:19	12.5
Carbon tetrachloride	ND		13	4.4	ug/L			05/05/17 00:19	12.5
Chloroform	ND		13	3.9	ug/L			05/05/17 00:19	12.5
cis-1,2-Dichloroethene	390		13	3.8	ug/L			05/05/17 00:19	12.5
Methylene Chloride	ND		13	6.6	ug/L			05/05/17 00:19	12.5
Tetrachloroethene	ND		13	3.8	ug/L			05/05/17 00:19	12.5
trans-1,2-Dichloroethene	5.5	J	13	3.6	ug/L			05/05/17 00:19	12.5
Trichloroethene	260		13	4.1	ug/L			05/05/17 00:19	12.5
Vinyl chloride	8.7	J	13	5.6	ug/L			05/05/17 00:19	12.5
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	89		61 - 138					05/05/17 00:19	12.5
4-Bromofluorobenzene (Surr)	94		69 - 120					05/05/17 00:19	12.5
Dibromofluoromethane (Surr)	84		69 - 124					05/05/17 00:19	12.5
Toluene-d8 (Surr)	104		73 - 120					05/05/17 00:19	12.5

Client Sample Results

Client: AECOM, Inc.
Project/Site: BP Sanborn

TestAmerica Job ID: 240-78855-1

Client Sample ID: B-49M

Date Collected: 04/26/17 15:10

Date Received: 04/29/17 09:45

Lab Sample ID: 240-78855-7

Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0	0.23	ug/L			05/05/17 00:42	1
1,1-Dichloroethane	ND		1.0	0.25	ug/L			05/05/17 00:42	1
1,1-Dichloroethene	ND		1.0	0.27	ug/L			05/05/17 00:42	1
Carbon tetrachloride	ND		1.0	0.35	ug/L			05/05/17 00:42	1
Chloroform	ND		1.0	0.31	ug/L			05/05/17 00:42	1
cis-1,2-Dichloroethene	0.38	J	1.0	0.30	ug/L			05/05/17 00:42	1
Methylene Chloride	ND		1.0	0.53	ug/L			05/05/17 00:42	1
Tetrachloroethene	ND		1.0	0.30	ug/L			05/05/17 00:42	1
trans-1,2-Dichloroethene	ND		1.0	0.29	ug/L			05/05/17 00:42	1
Trichloroethene	ND		1.0	0.33	ug/L			05/05/17 00:42	1
Vinyl chloride	ND		1.0	0.45	ug/L			05/05/17 00:42	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	89		61 - 138		05/05/17 00:42	1
4-Bromofluorobenzene (Surr)	92		69 - 120		05/05/17 00:42	1
Dibromofluoromethane (Surr)	87		69 - 124		05/05/17 00:42	1
Toluene-d8 (Surr)	105		73 - 120		05/05/17 00:42	1

Client Sample Results

Client: AECOM, Inc.
Project/Site: BP Sanborn

TestAmerica Job ID: 240-78855-1

Client Sample ID: B-19M

Date Collected: 04/26/17 15:50

Date Received: 04/29/17 09:45

Lab Sample ID: 240-78855-8

Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0	0.23	ug/L			05/05/17 01:06	1
1,1-Dichloroethane	ND		1.0	0.25	ug/L			05/05/17 01:06	1
1,1-Dichloroethene	ND		1.0	0.27	ug/L			05/05/17 01:06	1
Carbon tetrachloride	ND		1.0	0.35	ug/L			05/05/17 01:06	1
Chloroform	ND		1.0	0.31	ug/L			05/05/17 01:06	1
cis-1,2-Dichloroethene	1.1		1.0	0.30	ug/L			05/05/17 01:06	1
Methylene Chloride	ND		1.0	0.53	ug/L			05/05/17 01:06	1
Tetrachloroethene	ND		1.0	0.30	ug/L			05/05/17 01:06	1
trans-1,2-Dichloroethene	ND		1.0	0.29	ug/L			05/05/17 01:06	1
Trichloroethene	ND		1.0	0.33	ug/L			05/05/17 01:06	1
Vinyl chloride	0.71	J	1.0	0.45	ug/L			05/05/17 01:06	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	88		61 - 138					05/05/17 01:06	1
4-Bromofluorobenzene (Surr)	92		69 - 120					05/05/17 01:06	1
Dibromofluoromethane (Surr)	85		69 - 124					05/05/17 01:06	1
Toluene-d8 (Surr)	102		73 - 120					05/05/17 01:06	1

Client Sample Results

Client: AECOM, Inc.
Project/Site: BP Sanborn

TestAmerica Job ID: 240-78855-1

Client Sample ID: B-38M

Date Collected: 04/27/17 10:30

Date Received: 04/29/17 09:45

Lab Sample ID: 240-78855-9

Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0	0.23	ug/L			05/05/17 01:29	1
1,1-Dichloroethane	0.55	J	1.0	0.25	ug/L			05/05/17 01:29	1
1,1-Dichloroethene	0.73	J	1.0	0.27	ug/L			05/05/17 01:29	1
Carbon tetrachloride	ND		1.0	0.35	ug/L			05/05/17 01:29	1
Chloroform	ND		1.0	0.31	ug/L			05/05/17 01:29	1
cis-1,2-Dichloroethene	35		1.0	0.30	ug/L			05/05/17 01:29	1
Methylene Chloride	ND		1.0	0.53	ug/L			05/05/17 01:29	1
Tetrachloroethene	ND		1.0	0.30	ug/L			05/05/17 01:29	1
trans-1,2-Dichloroethene	0.64	J	1.0	0.29	ug/L			05/05/17 01:29	1
Trichloroethene	21		1.0	0.33	ug/L			05/05/17 01:29	1
Vinyl chloride	2.9		1.0	0.45	ug/L			05/05/17 01:29	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	90		61 - 138					05/05/17 01:29	1
4-Bromofluorobenzene (Surr)	92		69 - 120					05/05/17 01:29	1
Dibromofluoromethane (Surr)	88		69 - 124					05/05/17 01:29	1
Toluene-d8 (Surr)	104		73 - 120					05/05/17 01:29	1

Client Sample Results

Client: AECOM, Inc.
Project/Site: BP Sanborn

TestAmerica Job ID: 240-78855-1

Client Sample ID: QUARRY

Lab Sample ID: 240-78855-10

Date Collected: 04/27/17 11:15

Matrix: Water

Date Received: 04/29/17 09:45

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0	0.23	ug/L			05/05/17 01:52	1
1,1-Dichloroethane	ND		1.0	0.25	ug/L			05/05/17 01:52	1
1,1-Dichloroethene	ND		1.0	0.27	ug/L			05/05/17 01:52	1
Carbon tetrachloride	ND		1.0	0.35	ug/L			05/05/17 01:52	1
Chloroform	ND		1.0	0.31	ug/L			05/05/17 01:52	1
cis-1,2-Dichloroethene	ND		1.0	0.30	ug/L			05/05/17 01:52	1
Methylene Chloride	ND		1.0	0.53	ug/L			05/05/17 01:52	1
Tetrachloroethene	ND		1.0	0.30	ug/L			05/05/17 01:52	1
trans-1,2-Dichloroethene	ND		1.0	0.29	ug/L			05/05/17 01:52	1
Trichloroethene	ND		1.0	0.33	ug/L			05/05/17 01:52	1
Vinyl chloride	ND		1.0	0.45	ug/L			05/05/17 01:52	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	89		61 - 138					05/05/17 01:52	1
4-Bromofluorobenzene (Surr)	93		69 - 120					05/05/17 01:52	1
Dibromofluoromethane (Surr)	86		69 - 124					05/05/17 01:52	1
Toluene-d8 (Surr)	104		73 - 120					05/05/17 01:52	1

Client Sample Results

Client: AECOM, Inc.
Project/Site: BP Sanborn

TestAmerica Job ID: 240-78855-1

Client Sample ID: B-21M

Date Collected: 04/27/17 13:10

Date Received: 04/29/17 09:45

Lab Sample ID: 240-78855-11

Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0	0.23	ug/L			05/05/17 02:15	1
1,1-Dichloroethane	ND		1.0	0.25	ug/L			05/05/17 02:15	1
1,1-Dichloroethene	ND		1.0	0.27	ug/L			05/05/17 02:15	1
Carbon tetrachloride	ND		1.0	0.35	ug/L			05/05/17 02:15	1
Chloroform	ND		1.0	0.31	ug/L			05/05/17 02:15	1
cis-1,2-Dichloroethene	ND		1.0	0.30	ug/L			05/05/17 02:15	1
Methylene Chloride	ND		1.0	0.53	ug/L			05/05/17 02:15	1
Tetrachloroethene	ND		1.0	0.30	ug/L			05/05/17 02:15	1
trans-1,2-Dichloroethene	ND		1.0	0.29	ug/L			05/05/17 02:15	1
Trichloroethene	ND		1.0	0.33	ug/L			05/05/17 02:15	1
Vinyl chloride	ND		1.0	0.45	ug/L			05/05/17 02:15	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	89		61 - 138					05/05/17 02:15	1
4-Bromofluorobenzene (Surr)	90		69 - 120					05/05/17 02:15	1
Dibromofluoromethane (Surr)	85		69 - 124					05/05/17 02:15	1
Toluene-d8 (Surr)	102		73 - 120					05/05/17 02:15	1

Client Sample Results

Client: AECOM, Inc.
Project/Site: BP Sanborn

TestAmerica Job ID: 240-78855-1

Client Sample ID: B-22M

Date Collected: 04/27/17 13:45

Date Received: 04/29/17 09:45

Lab Sample ID: 240-78855-12

Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.3	0.29	ug/L			05/05/17 02:38	1.25
1,1-Dichloroethane	0.41	J	1.3	0.31	ug/L			05/05/17 02:38	1.25
1,1-Dichloroethene	ND		1.3	0.34	ug/L			05/05/17 02:38	1.25
Carbon tetrachloride	ND		1.3	0.44	ug/L			05/05/17 02:38	1.25
Chloroform	ND		1.3	0.39	ug/L			05/05/17 02:38	1.25
cis-1,2-Dichloroethene	50		1.3	0.38	ug/L			05/05/17 02:38	1.25
Methylene Chloride	ND		1.3	0.66	ug/L			05/05/17 02:38	1.25
Tetrachloroethene	ND		1.3	0.38	ug/L			05/05/17 02:38	1.25
trans-1,2-Dichloroethene	2.2		1.3	0.36	ug/L			05/05/17 02:38	1.25
Trichloroethene	20		1.3	0.41	ug/L			05/05/17 02:38	1.25
Vinyl chloride	ND		1.3	0.56	ug/L			05/05/17 02:38	1.25
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	90		61 - 138					05/05/17 02:38	1.25
4-Bromofluorobenzene (Surr)	93		69 - 120					05/05/17 02:38	1.25
Dibromofluoromethane (Surr)	85		69 - 124					05/05/17 02:38	1.25
Toluene-d8 (Surr)	102		73 - 120					05/05/17 02:38	1.25

Client Sample Results

Client: AECOM, Inc.
Project/Site: BP Sanborn

TestAmerica Job ID: 240-78855-1

Client Sample ID: B-28M

Date Collected: 04/27/17 15:35

Date Received: 04/29/17 09:45

Lab Sample ID: 240-78855-13

Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0	0.23	ug/L			05/05/17 03:01	1
1,1-Dichloroethane	ND		1.0	0.25	ug/L			05/05/17 03:01	1
1,1-Dichloroethene	ND		1.0	0.27	ug/L			05/05/17 03:01	1
Carbon tetrachloride	ND		1.0	0.35	ug/L			05/05/17 03:01	1
Chloroform	ND		1.0	0.31	ug/L			05/05/17 03:01	1
cis-1,2-Dichloroethene	ND		1.0	0.30	ug/L			05/05/17 03:01	1
Methylene Chloride	ND		1.0	0.53	ug/L			05/05/17 03:01	1
Tetrachloroethene	ND		1.0	0.30	ug/L			05/05/17 03:01	1
trans-1,2-Dichloroethene	ND		1.0	0.29	ug/L			05/05/17 03:01	1
Trichloroethene	ND		1.0	0.33	ug/L			05/05/17 03:01	1
Vinyl chloride	ND		1.0	0.45	ug/L			05/05/17 03:01	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	89		61 - 138					05/05/17 03:01	1
4-Bromofluorobenzene (Surr)	92		69 - 120					05/05/17 03:01	1
Dibromofluoromethane (Surr)	88		69 - 124					05/05/17 03:01	1
Toluene-d8 (Surr)	104		73 - 120					05/05/17 03:01	1

Client Sample Results

Client: AECOM, Inc.
Project/Site: BP Sanborn

TestAmerica Job ID: 240-78855-1

Client Sample ID: TB-04262017

Lab Sample ID: 240-78855-14

Date Collected: 04/26/17 00:00

Matrix: Water

Date Received: 04/29/17 09:45

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0	0.23	ug/L			05/05/17 03:23	1
1,1-Dichloroethane	ND		1.0	0.25	ug/L			05/05/17 03:23	1
1,1-Dichloroethene	ND		1.0	0.27	ug/L			05/05/17 03:23	1
Carbon tetrachloride	ND		1.0	0.35	ug/L			05/05/17 03:23	1
Chloroform	ND		1.0	0.31	ug/L			05/05/17 03:23	1
cis-1,2-Dichloroethene	ND		1.0	0.30	ug/L			05/05/17 03:23	1
Methylene Chloride	ND		1.0	0.53	ug/L			05/05/17 03:23	1
Tetrachloroethene	ND		1.0	0.30	ug/L			05/05/17 03:23	1
trans-1,2-Dichloroethene	ND		1.0	0.29	ug/L			05/05/17 03:23	1
Trichloroethene	ND		1.0	0.33	ug/L			05/05/17 03:23	1
Vinyl chloride	ND		1.0	0.45	ug/L			05/05/17 03:23	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	90		61 - 138					05/05/17 03:23	1
4-Bromofluorobenzene (Surr)	92		69 - 120					05/05/17 03:23	1
Dibromofluoromethane (Surr)	87		69 - 124					05/05/17 03:23	1
Toluene-d8 (Surr)	104		73 - 120					05/05/17 03:23	1

Surrogate Summary

Client: AECOM, Inc.
Project/Site: BP Sanborn

TestAmerica Job ID: 240-78855-1

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)			
		12DCE (61-138)	BFB (69-120)	DBFM (69-124)	TOL (73-120)
240-78855-1	B-17M	89	91	86	104
240-78855-2	B-42M	92	95	87	105
240-78855-3	B-44M	87	93	88	102
240-78855-4	B-43M	90	94	84	104
240-78855-5	B-3M	89	93	84	104
240-78855-6	B-13M	89	94	84	104
240-78855-7	B-49M	89	92	87	105
240-78855-8	B-19M	88	92	85	102
240-78855-9	B-38M	90	92	88	104
240-78855-10	QUARRY	89	93	86	104
240-78855-11	B-21M	89	90	85	102
240-78855-12	B-22M	90	93	85	102
240-78855-13	B-28M	89	92	88	104
240-78855-13 MS	B-28M	89	97	86	104
240-78855-13 MSD	B-28M	90	99	89	106
240-78855-14	TB-04262017	90	92	87	104
LCS 240-277611/4	Lab Control Sample	85	101	88	107
MB 240-277611/7	Method Blank	89	94	85	104

Surrogate Legend

12DCE = 1,2-Dichloroethane-d4 (Surr)

BFB = 4-Bromofluorobenzene (Surr)

DBFM = Dibromofluoromethane (Surr)

TOL = Toluene-d8 (Surr)

QC Sample Results

Client: AECOM, Inc.
Project/Site: BP Sanborn

TestAmerica Job ID: 240-78855-1

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

Lab Sample ID: MB 240-277611/7

Matrix: Water

Analysis Batch: 277611

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	0.23	ug/L			05/04/17 20:28	1
1,1-Dichloroethane	ND		1.0	0.25	ug/L			05/04/17 20:28	1
1,1-Dichloroethene	ND		1.0	0.27	ug/L			05/04/17 20:28	1
Carbon tetrachloride	ND		1.0	0.35	ug/L			05/04/17 20:28	1
Chloroform	ND		1.0	0.31	ug/L			05/04/17 20:28	1
cis-1,2-Dichloroethene	ND		1.0	0.30	ug/L			05/04/17 20:28	1
Methylene Chloride	ND		1.0	0.53	ug/L			05/04/17 20:28	1
Tetrachloroethene	ND		1.0	0.30	ug/L			05/04/17 20:28	1
trans-1,2-Dichloroethene	ND		1.0	0.29	ug/L			05/04/17 20:28	1
Trichloroethene	ND		1.0	0.33	ug/L			05/04/17 20:28	1
Vinyl chloride	ND		1.0	0.45	ug/L			05/04/17 20:28	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	89		61 - 138		05/04/17 20:28	1
4-Bromofluorobenzene (Surr)	94		69 - 120		05/04/17 20:28	1
Dibromofluoromethane (Surr)	85		69 - 124		05/04/17 20:28	1
Toluene-d8 (Surr)	104		73 - 120		05/04/17 20:28	1

Lab Sample ID: LCS 240-277611/4

Matrix: Water

Analysis Batch: 277611

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
1,1,1-Trichloroethane	20.0	19.1		ug/L		96	64 - 147
1,1-Dichloroethane	20.0	20.1		ug/L		100	74 - 120
1,1-Dichloroethene	20.0	19.8		ug/L		99	65 - 127
Carbon tetrachloride	20.0	18.0		ug/L		90	55 - 171
Chloroform	20.0	18.7		ug/L		94	80 - 120
cis-1,2-Dichloroethene	20.0	19.3		ug/L		96	77 - 120
Methylene Chloride	20.0	19.8		ug/L		99	64 - 140
Tetrachloroethene	20.0	21.8		ug/L		109	80 - 122
trans-1,2-Dichloroethene	20.0	20.5		ug/L		102	74 - 124
Trichloroethene	20.0	18.1		ug/L		90	76 - 124
Vinyl chloride	20.0	20.7		ug/L		104	65 - 124

Surrogate	LCS %Recovery	LCS Qualifier	Limits
1,2-Dichloroethane-d4 (Surr)	85		61 - 138
4-Bromofluorobenzene (Surr)	101		69 - 120
Dibromofluoromethane (Surr)	88		69 - 124
Toluene-d8 (Surr)	107		73 - 120

Lab Sample ID: 240-78855-13 MS

Matrix: Water

Analysis Batch: 277611

Client Sample ID: B-28M

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
1,1,1-Trichloroethane	ND		20.0	16.0		ug/L		80	57 - 156

TestAmerica Canton

QC Sample Results

Client: AECOM, Inc.
Project/Site: BP Sanborn

TestAmerica Job ID: 240-78855-1

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

Lab Sample ID: 240-78855-13 MS

Matrix: Water

Analysis Batch: 277611

Client Sample ID: B-28M

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
1,1-Dichloroethane	ND		20.0	17.3		ug/L		86	69 - 122
1,1-Dichloroethene	ND		20.0	16.7		ug/L		83	62 - 127
Carbon tetrachloride	ND		20.0	14.7		ug/L		74	53 - 175
Chloroform	ND		20.0	16.3		ug/L		81	74 - 125
cis-1,2-Dichloroethene	ND		20.0	16.4		ug/L		82	69 - 127
Methylene Chloride	ND		20.0	16.0		ug/L		80	52 - 137
Tetrachloroethene	ND		20.0	17.2		ug/L		86	69 - 126
trans-1,2-Dichloroethene	ND		20.0	16.7		ug/L		84	66 - 131
Trichloroethene	ND		20.0	15.1		ug/L		76	68 - 129
Vinyl chloride	ND		20.0	17.5		ug/L		88	55 - 123

Surrogate	MS %Recovery	MS Qualifier	MS Limits
1,2-Dichloroethane-d4 (Surr)	89		61 - 138
4-Bromofluorobenzene (Surr)	97		69 - 120
Dibromofluoromethane (Surr)	86		69 - 124
Toluene-d8 (Surr)	104		73 - 120

Lab Sample ID: 240-78855-13 MSD

Matrix: Water

Analysis Batch: 277611

Client Sample ID: B-28M

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
1,1,1-Trichloroethane	ND		20.0	17.5		ug/L		87	57 - 156	9	13
1,1-Dichloroethane	ND		20.0	18.5		ug/L		92	69 - 122	7	11
1,1-Dichloroethene	ND		20.0	18.6		ug/L		93	62 - 127	11	14
Carbon tetrachloride	ND		20.0	16.7		ug/L		83	53 - 175	12	17
Chloroform	ND		20.0	17.3		ug/L		87	74 - 125	6	11
cis-1,2-Dichloroethene	ND		20.0	17.6		ug/L		88	69 - 127	7	11
Methylene Chloride	ND		20.0	16.6		ug/L		83	52 - 137	4	12
Tetrachloroethene	ND		20.0	19.3		ug/L		96	69 - 126	11	18
trans-1,2-Dichloroethene	ND		20.0	18.3		ug/L		92	66 - 131	9	11
Trichloroethene	ND		20.0	16.5		ug/L		82	68 - 129	9	12
Vinyl chloride	ND		20.0	19.5		ug/L		98	55 - 123	11	12

Surrogate	MSD %Recovery	MSD Qualifier	MSD Limits
1,2-Dichloroethane-d4 (Surr)	90		61 - 138
4-Bromofluorobenzene (Surr)	99		69 - 120
Dibromofluoromethane (Surr)	89		69 - 124
Toluene-d8 (Surr)	106		73 - 120

TestAmerica Canton

QC Association Summary

Client: AECOM, Inc.
Project/Site: BP Sanborn

TestAmerica Job ID: 240-78855-1

GC/MS VOA

Analysis Batch: 277611

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-78855-1	B-17M	Total/NA	Water	8260C	
240-78855-2	B-42M	Total/NA	Water	8260C	
240-78855-3	B-44M	Total/NA	Water	8260C	
240-78855-4	B-43M	Total/NA	Water	8260C	
240-78855-5	B-3M	Total/NA	Water	8260C	
240-78855-6	B-13M	Total/NA	Water	8260C	
240-78855-7	B-49M	Total/NA	Water	8260C	
240-78855-8	B-19M	Total/NA	Water	8260C	
240-78855-9	B-38M	Total/NA	Water	8260C	
240-78855-10	QUARRY	Total/NA	Water	8260C	
240-78855-11	B-21M	Total/NA	Water	8260C	
240-78855-12	B-22M	Total/NA	Water	8260C	
240-78855-13	B-28M	Total/NA	Water	8260C	
240-78855-14	TB-04262017	Total/NA	Water	8260C	
MB 240-277611/7	Method Blank	Total/NA	Water	8260C	
LCS 240-277611/4	Lab Control Sample	Total/NA	Water	8260C	
240-78855-13 MS	B-28M	Total/NA	Water	8260C	
240-78855-13 MSD	B-28M	Total/NA	Water	8260C	

Lab Chronicle

Client: AECOM, Inc.
Project/Site: BP Sanborn

TestAmerica Job ID: 240-78855-1

Client Sample ID: B-17M

Date Collected: 04/26/17 09:35

Date Received: 04/29/17 09:45

Lab Sample ID: 240-78855-1

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		250	277611	05/04/17 22:24	TJL1	TAL CAN

Client Sample ID: B-42M

Date Collected: 04/26/17 11:00

Date Received: 04/29/17 09:45

Lab Sample ID: 240-78855-2

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	277611	05/04/17 22:47	TJL1	TAL CAN

Client Sample ID: B-44M

Date Collected: 04/26/17 10:35

Date Received: 04/29/17 09:45

Lab Sample ID: 240-78855-3

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	277611	05/04/17 23:10	TJL1	TAL CAN

Client Sample ID: B-43M

Date Collected: 04/26/17 12:20

Date Received: 04/29/17 09:45

Lab Sample ID: 240-78855-4

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	277611	05/04/17 23:33	TJL1	TAL CAN

Client Sample ID: B-3M

Date Collected: 04/26/17 12:20

Date Received: 04/29/17 09:45

Lab Sample ID: 240-78855-5

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		3.333	277611	05/04/17 23:56	TJL1	TAL CAN

Client Sample ID: B-13M

Date Collected: 04/26/17 14:35

Date Received: 04/29/17 09:45

Lab Sample ID: 240-78855-6

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		12.5	277611	05/05/17 00:19	TJL1	TAL CAN

TestAmerica Canton

Lab Chronicle

Client: AECOM, Inc.
Project/Site: BP Sanborn

TestAmerica Job ID: 240-78855-1

Client Sample ID: B-49M

Date Collected: 04/26/17 15:10

Date Received: 04/29/17 09:45

Lab Sample ID: 240-78855-7

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	277611	05/05/17 00:42	TJL1	TAL CAN

Client Sample ID: B-19M

Date Collected: 04/26/17 15:50

Date Received: 04/29/17 09:45

Lab Sample ID: 240-78855-8

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	277611	05/05/17 01:06	TJL1	TAL CAN

Client Sample ID: B-38M

Date Collected: 04/27/17 10:30

Date Received: 04/29/17 09:45

Lab Sample ID: 240-78855-9

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	277611	05/05/17 01:29	TJL1	TAL CAN

Client Sample ID: QUARRY

Date Collected: 04/27/17 11:15

Date Received: 04/29/17 09:45

Lab Sample ID: 240-78855-10

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	277611	05/05/17 01:52	TJL1	TAL CAN

Client Sample ID: B-21M

Date Collected: 04/27/17 13:10

Date Received: 04/29/17 09:45

Lab Sample ID: 240-78855-11

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	277611	05/05/17 02:15	TJL1	TAL CAN

Client Sample ID: B-22M

Date Collected: 04/27/17 13:45

Date Received: 04/29/17 09:45

Lab Sample ID: 240-78855-12

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1.25	277611	05/05/17 02:38	TJL1	TAL CAN

TestAmerica Canton

Lab Chronicle

Client: AECOM, Inc.
Project/Site: BP Sanborn

TestAmerica Job ID: 240-78855-1

Client Sample ID: B-28M

Date Collected: 04/27/17 15:35

Date Received: 04/29/17 09:45

Lab Sample ID: 240-78855-13

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	277611	05/05/17 03:01	TJL1	TAL CAN

Client Sample ID: TB-04262017

Date Collected: 04/26/17 00:00

Date Received: 04/29/17 09:45

Lab Sample ID: 240-78855-14

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	277611	05/05/17 03:23	TJL1	TAL CAN

Laboratory References:

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

Accreditation/Certification Summary

Client: AECOM, Inc.
Project/Site: BP Sanborn

TestAmerica Job ID: 240-78855-1

Laboratory: TestAmerica Canton

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


Authority	Program	EPA Region	Identification Number	Expiration Date
New York	NELAP	2	10975	03-31-18

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Laboratory Management Program LaMP Chain of Custody Record

BP/ARC Project Name: BP Sanborn Req Due Date (mm/dd/yyyy): _____ Rush TAT: Yes ___ No X
 BP/ARC Facility No: _____ Lab Work Order Number: _____

Lab Name: TestAmerica 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:
Lab PM: Patrick O'Meara	Lead Regulatory Agency: NYSDEC	Address: 257 West Genesee St., Suite 400 Buffalo, NY 14202
Lab Phone: 330-497-9396	California Global ID No.:	Consultant/Contractor PM: James Kaczor
Lab Shipping Acct:	Erftos 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:	Stag 60 Activity:	Invoice To: BP/ARC Contractor <u>X</u>

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	624	Standard	Full Data Package			
B-17M		4/26/2017	9:35	X			3			X						 240-78855 Chain of Custody	
B-42M		4/26/2017	11:00	X			3			X							
B-44M		4/26/2017	10:35	X			3			X							
B-43M		4/26/2017	12:20	X			3			X							
B-3M		4/26/2017	12:20	X			3			X							
B-13M		4/26/2017	14:35	X			3			X							
B-49M		4/26/2017	15:10	X			3			X							
B-19M		4/26/2017	15:50	X			3			X							
B-38M		4/27/2017	10:30	X			3			X							
QUARRY		4/27/2017	11:15	X			3			X							

Sampler's Name: Ernest Thalhamer	Relinquished By / Affiliation: <i>Ernest Thalhamer</i>	Date: 4/27/17	Time: 17:24	Accepted By / Affiliation: <i>[Signature]</i>	Date: 4/27/17	Time: 17:25
Sampler's Company: AECOM	Temp Blank (Yes/No): <u>Yes</u>	Cooler Temp on Receipt: 29 °F/C	Trip Blank (Yes/No): <u>Yes</u>	MS/MSD Sample Submitted (Yes/No): <u>Yes</u>		
Shipment Method: Drop off at TA- Buffalo	Shipment Tracking No:					

Special Instructions: Please Bill Sanborn Samples to AECOM PO#83588



Laboratory Management Program LaMP Chain of Custody Record

Req Due Date (mm/dd/yy): _____ Rush TAT: Yes No

Lab Work Order Number: _____

BP/ARC Project Name: BP Sanborn

BP/ARC Facility No: _____

Lab Name:	TestAmerica 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:	
Lab PM:	Patrick O'Meara	Lead Regulatory Agency:	NYSDEC	Address:	257 West Genesee St., Suite 400 Buffalo, NY 14202
Lab Phone:	330-497-9396	California Global ID No.:		Consultant/Contractor PM:	James Kaczor
Lab Shipping Acct:		Enfos Proposal No:		Phone:	716-923-1300
Lab Bottle Order No:		Accounting Mode:	10 Provision OOC-BU OOC-RM	Email EDD To:	James.Kaczor@aecom.com
Other Info:		Stag 60	Activity:	Invoice To:	BP/ARC Contractor <input checked="" type="checkbox"/>

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							Standard
B-21M		4/27/2017	13:10	X			3	X			X							
B-22M		4/27/2017	13:45	X			3	X			X							
B-28M		4/27/2017	15:35	X			3	X			X							
B-28M MS		4/27/2017	15:35	X			3	X			X							
B-28M MSD		4/27/2017	15:35	X			3	X			X							
TB-04262017		4/26/2017	-	X			3	X			X							

Sampler's Name:	Ernest Thalhammer	Relinquished By / Affiliation	<i>Ernest Thalhammer AECOM</i>
Sampler's Company:	AECOM	Date	4/27/17
Shipment Method:	Drop off at TA-Buffalo	Time	17:25
Ship Date:		Accepted By / Affiliation	<i>James Kaczor TA</i>
Shipment Tracking No:		Date	4/27/17
		Time	15:00
		Date	4/29/17
		Time	9:40

Special Instructions: Please Bill Sanborn Samples to AECOM PO#83588

THIS LINE - LAB USE ONLY: Custody Seals In Place: Yes / No _____ Trip Blank: Yes / No _____ MS/MSD Sample Submitted: Yes / No _____

Temp Blank: Yes / No _____ Cooler Temp on Receipt: _____ °F/C _____



TestAmerica Canton Sample Receipt Form/Narrative Login # : 78855

Canton Facility

Client Lab Maint Site Name _____ Cooler unpacked by: [Signature]

Cooler Received on 4/29/17 Opened on 4/29/17

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

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

TestAmerica Cooler # _____ 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-8 (CF -0.3 °C) Observed Cooler Temp. 3.2 °C Corrected Cooler Temp. 2.9 °C

IR GUN #36 (CF +0.8 °C) Observed Cooler Temp. _____ °C Corrected Cooler Temp. _____ °C

2. Were custody seals on the outside of the cooler(s)? If Yes Quantity 1 Yes No

-Were custody seals on the outside of the cooler(s) signed & dated? Yes No NA

-Were custody seals on the bottle(s) or bottle kits (LLHg/MeHg)? Yes No Yes

3. Shippers' packing slip attached to the cooler(s)? Yes No Yes

4. Did custody papers accompany the sample(s)? Yes No Yes

5. Were the custody papers relinquished & signed in the appropriate place? Yes No Yes

6. Was/were the person(s) who collected the samples clearly identified on the COC? Yes No Yes

7. Did all bottles arrive in good condition (Unbroken)? Yes No Yes

8. Could all bottle labels be reconciled with the COC? Yes No Yes

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

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

11. Are these work share samples? Yes No Yes

If yes, Questions 11-15 have been checked at the originating laboratory.

11. Were sample(s) at the correct pH upon receipt? Yes No NA pH Strip Lot# HC697954

12. Were VOAs on the COC? Yes No Yes

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

14. Was a VOA trip blank present in the cooler(s)? Trip Blank Lot # B70350UB Yes No Yes

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

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

Concerning _____

16. CHAIN OF CUSTODY & SAMPLE DISCREPANCIES Samples processed by: _____

17. 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)

18. SAMPLE PRESERVATION

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

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

Ref: SOP NC-SC-0005, Sample Receiving
 \\acorp\corp\QA\QA_Facilities\Canton-QA\Document-Management\Work-Instruction\Word Version Work Instructions\WI-NC-099-042717 Cooler Receipt Form.doc djf

TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

ANALYTICAL REPORT

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

TestAmerica Job ID: 240-78929-1
Client Project/Site: BP Sanborn

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

Attn: George Kisluk



Authorized for release by:
5/16/2017 2:36:47 PM

Amy McCormick, Project Manager II
(330)966-9787
amy.mccormick@testamericainc.com

LINKS

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Visit us at:
www.testamericainc.com

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

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

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Definitions/Glossary

Client: AECOM, Inc.
Project/Site: BP Sanborn

TestAmerica Job ID: 240-78929-1

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.
▫	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CNF	Contains no Free Liquid
DER	Duplicate error ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision level concentration
MDA	Minimum detectable activity
EDL	Estimated Detection Limit
MDC	Minimum detectable concentration
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
NC	Not Calculated
ND	Not detected at the reporting limit (or MDL or EDL if shown)
PQL	Practical Quantitation Limit
QC	Quality Control
RER	Relative error ratio
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)

Case Narrative

Client: AECOM, Inc.
Project/Site: BP Sanborn

TestAmerica Job ID: 240-78929-1

Job ID: 240-78929-1

Laboratory: TestAmerica Canton

Narrative

CASE NARRATIVE

Client: AECOM, Inc.

Project: BP Sanborn

Report Number: 240-78929-1

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.

TestAmerica Canton attests to the validity of the laboratory data generated by TestAmerica facilities reported herein. All analyses performed by TestAmerica facilities were done using established laboratory SOPs that incorporate QA/QC procedures described in the application methods. 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 TestAmerica and its client.

RECEIPT

The samples were received on 5/2/2017 11:15 AM; the samples arrived in good condition, properly preserved and, where required, on ice. The temperature of the cooler at receipt was 1.9° C.

VOLATILE ORGANIC COMPOUNDS (GCMS)

Samples B-32M (240-78929-1), B-46M (240-78929-2), B-10M (240-78929-3), B-41M (240-78929-4), B-9M (240-78929-5), B-39M (240-78929-6), DUP-04282017 (240-78929-7) and TB-04282017 (240-78929-8) were analyzed for volatile organic compounds (GCMS) in accordance with EPA SW-846 Method 8260C. The samples were analyzed on 05/05/2017.

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

Method Summary

Client: AECOM, Inc.
Project/Site: BP Sanborn

TestAmerica Job ID: 240-78929-1

Method	Method Description	Protocol	Laboratory
8260C	Volatile Organic Compounds by GC/MS	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 = TestAmerica Canton, 4101 Shuffel Street NW, North Canton, OH 44720, TEL (330)497-9396

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Sample Summary

Client: AECOM, Inc.
Project/Site: BP Sanborn

TestAmerica Job ID: 240-78929-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
240-78929-1	B-32M	Water	04/28/17 09:50	05/02/17 11:15
240-78929-2	B-46M	Water	04/28/17 11:00	05/02/17 11:15
240-78929-3	B-10M	Water	04/28/17 12:40	05/02/17 11:15
240-78929-4	B-41M	Water	04/28/17 13:05	05/02/17 11:15
240-78929-5	B-9M	Water	04/28/17 13:45	05/02/17 11:15
240-78929-6	B-39M	Water	04/28/17 15:00	05/02/17 11:15
240-78929-7	DUP-04282017	Water	04/28/17 08:00	05/02/17 11:15
240-78929-8	TB-04282017	Water	04/28/17 00:00	05/02/17 11:15

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Detection Summary

Client: AECOM, Inc.
Project/Site: BP Sanborn

TestAmerica Job ID: 240-78929-1

Client Sample ID: B-32M

Lab Sample ID: 240-78929-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,1-Dichloroethane	0.83	J	1.0	0.25	ug/L	1		8260C	Total/NA
1,1-Dichloroethene	0.69	J	1.0	0.27	ug/L	1		8260C	Total/NA
cis-1,2-Dichloroethene	42		1.0	0.30	ug/L	1		8260C	Total/NA
trans-1,2-Dichloroethene	0.92	J	1.0	0.29	ug/L	1		8260C	Total/NA
Trichloroethene	21		1.0	0.33	ug/L	1		8260C	Total/NA
Vinyl chloride	1.9		1.0	0.45	ug/L	1		8260C	Total/NA

Client Sample ID: B-46M

Lab Sample ID: 240-78929-2

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
cis-1,2-Dichloroethene	16		1.0	0.30	ug/L	1		8260C	Total/NA
trans-1,2-Dichloroethene	0.67	J	1.0	0.29	ug/L	1		8260C	Total/NA
Trichloroethene	8.9		1.0	0.33	ug/L	1		8260C	Total/NA
Vinyl chloride	0.80	J	1.0	0.45	ug/L	1		8260C	Total/NA

Client Sample ID: B-10M

Lab Sample ID: 240-78929-3

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,1,1-Trichloroethane	2.1		1.0	0.23	ug/L	1		8260C	Total/NA
1,1-Dichloroethane	0.38	J	1.0	0.25	ug/L	1		8260C	Total/NA
cis-1,2-Dichloroethene	3.0		1.0	0.30	ug/L	1		8260C	Total/NA
Trichloroethene	21		1.0	0.33	ug/L	1		8260C	Total/NA

Client Sample ID: B-41M

Lab Sample ID: 240-78929-4

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
cis-1,2-Dichloroethene	8.7		1.0	0.30	ug/L	1		8260C	Total/NA
Vinyl chloride	2.9		1.0	0.45	ug/L	1		8260C	Total/NA

Client Sample ID: B-9M

Lab Sample ID: 240-78929-5

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Tetrachloroethene	0.63	J	1.0	0.30	ug/L	1		8260C	Total/NA
Trichloroethene	0.36	J	1.0	0.33	ug/L	1		8260C	Total/NA

Client Sample ID: B-39M

Lab Sample ID: 240-78929-6

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
cis-1,2-Dichloroethene	1.1		1.0	0.30	ug/L	1		8260C	Total/NA
Trichloroethene	4.2		1.0	0.33	ug/L	1		8260C	Total/NA

Client Sample ID: DUP-04282017

Lab Sample ID: 240-78929-7

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
cis-1,2-Dichloroethene	8.7		1.0	0.30	ug/L	1		8260C	Total/NA
Vinyl chloride	2.8		1.0	0.45	ug/L	1		8260C	Total/NA

Client Sample ID: TB-04282017

Lab Sample ID: 240-78929-8

No Detections.

This Detection Summary does not include radiochemical test results.

TestAmerica Canton

Client Sample Results

Client: AECOM, Inc.
Project/Site: BP Sanborn

TestAmerica Job ID: 240-78929-1

Client Sample ID: B-32M

Date Collected: 04/28/17 09:50

Date Received: 05/02/17 11:15

Lab Sample ID: 240-78929-1

Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0	0.23	ug/L			05/05/17 12:45	1
1,1-Dichloroethane	0.83	J	1.0	0.25	ug/L			05/05/17 12:45	1
1,1-Dichloroethene	0.69	J	1.0	0.27	ug/L			05/05/17 12:45	1
Carbon tetrachloride	ND		1.0	0.35	ug/L			05/05/17 12:45	1
Chloroform	ND		1.0	0.31	ug/L			05/05/17 12:45	1
cis-1,2-Dichloroethene	42		1.0	0.30	ug/L			05/05/17 12:45	1
Methylene Chloride	ND		1.0	0.53	ug/L			05/05/17 12:45	1
Tetrachloroethene	ND		1.0	0.30	ug/L			05/05/17 12:45	1
trans-1,2-Dichloroethene	0.92	J	1.0	0.29	ug/L			05/05/17 12:45	1
Trichloroethene	21		1.0	0.33	ug/L			05/05/17 12:45	1
Vinyl chloride	1.9		1.0	0.45	ug/L			05/05/17 12:45	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	89		61 - 138					05/05/17 12:45	1
4-Bromofluorobenzene (Surr)	92		69 - 120					05/05/17 12:45	1
Dibromofluoromethane (Surr)	84		69 - 124					05/05/17 12:45	1
Toluene-d8 (Surr)	104		73 - 120					05/05/17 12:45	1

Client Sample Results

Client: AECOM, Inc.
Project/Site: BP Sanborn

TestAmerica Job ID: 240-78929-1

Client Sample ID: B-46M

Date Collected: 04/28/17 11:00

Date Received: 05/02/17 11:15

Lab Sample ID: 240-78929-2

Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0	0.23	ug/L			05/05/17 13:08	1
1,1-Dichloroethane	ND		1.0	0.25	ug/L			05/05/17 13:08	1
1,1-Dichloroethene	ND		1.0	0.27	ug/L			05/05/17 13:08	1
Carbon tetrachloride	ND		1.0	0.35	ug/L			05/05/17 13:08	1
Chloroform	ND		1.0	0.31	ug/L			05/05/17 13:08	1
cis-1,2-Dichloroethene	16		1.0	0.30	ug/L			05/05/17 13:08	1
Methylene Chloride	ND		1.0	0.53	ug/L			05/05/17 13:08	1
Tetrachloroethene	ND		1.0	0.30	ug/L			05/05/17 13:08	1
trans-1,2-Dichloroethene	0.67	J	1.0	0.29	ug/L			05/05/17 13:08	1
Trichloroethene	8.9		1.0	0.33	ug/L			05/05/17 13:08	1
Vinyl chloride	0.80	J	1.0	0.45	ug/L			05/05/17 13:08	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	87		61 - 138					05/05/17 13:08	1
4-Bromofluorobenzene (Surr)	89		69 - 120					05/05/17 13:08	1
Dibromofluoromethane (Surr)	84		69 - 124					05/05/17 13:08	1
Toluene-d8 (Surr)	101		73 - 120					05/05/17 13:08	1

Client Sample Results

Client: AECOM, Inc.
Project/Site: BP Sanborn

TestAmerica Job ID: 240-78929-1

Client Sample ID: B-10M

Date Collected: 04/28/17 12:40

Date Received: 05/02/17 11:15

Lab Sample ID: 240-78929-3

Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	2.1		1.0	0.23	ug/L			05/05/17 13:31	1
1,1-Dichloroethane	0.38	J	1.0	0.25	ug/L			05/05/17 13:31	1
1,1-Dichloroethene	ND		1.0	0.27	ug/L			05/05/17 13:31	1
Carbon tetrachloride	ND		1.0	0.35	ug/L			05/05/17 13:31	1
Chloroform	ND		1.0	0.31	ug/L			05/05/17 13:31	1
cis-1,2-Dichloroethene	3.0		1.0	0.30	ug/L			05/05/17 13:31	1
Methylene Chloride	ND		1.0	0.53	ug/L			05/05/17 13:31	1
Tetrachloroethene	ND		1.0	0.30	ug/L			05/05/17 13:31	1
trans-1,2-Dichloroethene	ND		1.0	0.29	ug/L			05/05/17 13:31	1
Trichloroethene	21		1.0	0.33	ug/L			05/05/17 13:31	1
Vinyl chloride	ND		1.0	0.45	ug/L			05/05/17 13:31	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	91		61 - 138		05/05/17 13:31	1
4-Bromofluorobenzene (Surr)	91		69 - 120		05/05/17 13:31	1
Dibromofluoromethane (Surr)	86		69 - 124		05/05/17 13:31	1
Toluene-d8 (Surr)	101		73 - 120		05/05/17 13:31	1

Client Sample Results

Client: AECOM, Inc.
Project/Site: BP Sanborn

TestAmerica Job ID: 240-78929-1

Client Sample ID: B-41M

Date Collected: 04/28/17 13:05

Date Received: 05/02/17 11:15

Lab Sample ID: 240-78929-4

Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0	0.23	ug/L			05/05/17 13:55	1
1,1-Dichloroethane	ND		1.0	0.25	ug/L			05/05/17 13:55	1
1,1-Dichloroethene	ND		1.0	0.27	ug/L			05/05/17 13:55	1
Carbon tetrachloride	ND		1.0	0.35	ug/L			05/05/17 13:55	1
Chloroform	ND		1.0	0.31	ug/L			05/05/17 13:55	1
cis-1,2-Dichloroethene	8.7		1.0	0.30	ug/L			05/05/17 13:55	1
Methylene Chloride	ND		1.0	0.53	ug/L			05/05/17 13:55	1
Tetrachloroethene	ND		1.0	0.30	ug/L			05/05/17 13:55	1
trans-1,2-Dichloroethene	ND		1.0	0.29	ug/L			05/05/17 13:55	1
Trichloroethene	ND		1.0	0.33	ug/L			05/05/17 13:55	1
Vinyl chloride	2.9		1.0	0.45	ug/L			05/05/17 13:55	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	89		61 - 138		05/05/17 13:55	1
4-Bromofluorobenzene (Surr)	93		69 - 120		05/05/17 13:55	1
Dibromofluoromethane (Surr)	86		69 - 124		05/05/17 13:55	1
Toluene-d8 (Surr)	101		73 - 120		05/05/17 13:55	1

Client Sample Results

Client: AECOM, Inc.
Project/Site: BP Sanborn

TestAmerica Job ID: 240-78929-1

Client Sample ID: B-9M
Date Collected: 04/28/17 13:45
Date Received: 05/02/17 11:15

Lab Sample ID: 240-78929-5
Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0	0.23	ug/L			05/05/17 14:18	1
1,1-Dichloroethane	ND		1.0	0.25	ug/L			05/05/17 14:18	1
1,1-Dichloroethene	ND		1.0	0.27	ug/L			05/05/17 14:18	1
Carbon tetrachloride	ND		1.0	0.35	ug/L			05/05/17 14:18	1
Chloroform	ND		1.0	0.31	ug/L			05/05/17 14:18	1
cis-1,2-Dichloroethene	ND		1.0	0.30	ug/L			05/05/17 14:18	1
Methylene Chloride	ND		1.0	0.53	ug/L			05/05/17 14:18	1
Tetrachloroethene	0.63	J	1.0	0.30	ug/L			05/05/17 14:18	1
trans-1,2-Dichloroethene	ND		1.0	0.29	ug/L			05/05/17 14:18	1
Trichloroethene	0.36	J	1.0	0.33	ug/L			05/05/17 14:18	1
Vinyl chloride	ND		1.0	0.45	ug/L			05/05/17 14:18	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	89		61 - 138					05/05/17 14:18	1
4-Bromofluorobenzene (Surr)	93		69 - 120					05/05/17 14:18	1
Dibromofluoromethane (Surr)	84		69 - 124					05/05/17 14:18	1
Toluene-d8 (Surr)	102		73 - 120					05/05/17 14:18	1

Client Sample Results

Client: AECOM, Inc.
Project/Site: BP Sanborn

TestAmerica Job ID: 240-78929-1

Client Sample ID: B-39M

Date Collected: 04/28/17 15:00

Date Received: 05/02/17 11:15

Lab Sample ID: 240-78929-6

Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0	0.23	ug/L			05/05/17 14:41	1
1,1-Dichloroethane	ND		1.0	0.25	ug/L			05/05/17 14:41	1
1,1-Dichloroethene	ND		1.0	0.27	ug/L			05/05/17 14:41	1
Carbon tetrachloride	ND		1.0	0.35	ug/L			05/05/17 14:41	1
Chloroform	ND		1.0	0.31	ug/L			05/05/17 14:41	1
cis-1,2-Dichloroethene	1.1		1.0	0.30	ug/L			05/05/17 14:41	1
Methylene Chloride	ND		1.0	0.53	ug/L			05/05/17 14:41	1
Tetrachloroethene	ND		1.0	0.30	ug/L			05/05/17 14:41	1
trans-1,2-Dichloroethene	ND		1.0	0.29	ug/L			05/05/17 14:41	1
Trichloroethene	4.2		1.0	0.33	ug/L			05/05/17 14:41	1
Vinyl chloride	ND		1.0	0.45	ug/L			05/05/17 14:41	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	88		61 - 138					05/05/17 14:41	1
4-Bromofluorobenzene (Surr)	93		69 - 120					05/05/17 14:41	1
Dibromofluoromethane (Surr)	85		69 - 124					05/05/17 14:41	1
Toluene-d8 (Surr)	103		73 - 120					05/05/17 14:41	1

Client Sample Results

Client: AECOM, Inc.
Project/Site: BP Sanborn

TestAmerica Job ID: 240-78929-1

Client Sample ID: DUP-04282017

Lab Sample ID: 240-78929-7

Date Collected: 04/28/17 08:00

Matrix: Water

Date Received: 05/02/17 11:15

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0	0.23	ug/L			05/05/17 15:04	1
1,1-Dichloroethane	ND		1.0	0.25	ug/L			05/05/17 15:04	1
1,1-Dichloroethene	ND		1.0	0.27	ug/L			05/05/17 15:04	1
Carbon tetrachloride	ND		1.0	0.35	ug/L			05/05/17 15:04	1
Chloroform	ND		1.0	0.31	ug/L			05/05/17 15:04	1
cis-1,2-Dichloroethene	8.7		1.0	0.30	ug/L			05/05/17 15:04	1
Methylene Chloride	ND		1.0	0.53	ug/L			05/05/17 15:04	1
Tetrachloroethene	ND		1.0	0.30	ug/L			05/05/17 15:04	1
trans-1,2-Dichloroethene	ND		1.0	0.29	ug/L			05/05/17 15:04	1
Trichloroethene	ND		1.0	0.33	ug/L			05/05/17 15:04	1
Vinyl chloride	2.8		1.0	0.45	ug/L			05/05/17 15:04	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	88		61 - 138		05/05/17 15:04	1
4-Bromofluorobenzene (Surr)	93		69 - 120		05/05/17 15:04	1
Dibromofluoromethane (Surr)	89		69 - 124		05/05/17 15:04	1
Toluene-d8 (Surr)	104		73 - 120		05/05/17 15:04	1

Client Sample Results

Client: AECOM, Inc.
Project/Site: BP Sanborn

TestAmerica Job ID: 240-78929-1

Client Sample ID: TB-04282017

Lab Sample ID: 240-78929-8

Date Collected: 04/28/17 00:00

Matrix: Water

Date Received: 05/02/17 11:15

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0	0.23	ug/L			05/05/17 15:28	1
1,1-Dichloroethane	ND		1.0	0.25	ug/L			05/05/17 15:28	1
1,1-Dichloroethene	ND		1.0	0.27	ug/L			05/05/17 15:28	1
Carbon tetrachloride	ND		1.0	0.35	ug/L			05/05/17 15:28	1
Chloroform	ND		1.0	0.31	ug/L			05/05/17 15:28	1
cis-1,2-Dichloroethene	ND		1.0	0.30	ug/L			05/05/17 15:28	1
Methylene Chloride	ND		1.0	0.53	ug/L			05/05/17 15:28	1
Tetrachloroethene	ND		1.0	0.30	ug/L			05/05/17 15:28	1
trans-1,2-Dichloroethene	ND		1.0	0.29	ug/L			05/05/17 15:28	1
Trichloroethene	ND		1.0	0.33	ug/L			05/05/17 15:28	1
Vinyl chloride	ND		1.0	0.45	ug/L			05/05/17 15:28	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	88		61 - 138					05/05/17 15:28	1
4-Bromofluorobenzene (Surr)	92		69 - 120					05/05/17 15:28	1
Dibromofluoromethane (Surr)	86		69 - 124					05/05/17 15:28	1
Toluene-d8 (Surr)	103		73 - 120					05/05/17 15:28	1

Surrogate Summary

Client: AECOM, Inc.
Project/Site: BP Sanborn

TestAmerica Job ID: 240-78929-1

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

Matrix: Water

Prep Type: Total/NA

Percent Surrogate Recovery (Acceptance Limits)

Lab Sample ID	Client Sample ID	12DCE (61-138)	BFB (69-120)	DBFM (69-124)	TOL (73-120)
240-78929-1	B-32M	89	92	84	104
240-78929-2	B-46M	87	89	84	101
240-78929-3	B-10M	91	91	86	101
240-78929-4	B-41M	89	93	86	101
240-78929-5	B-9M	89	93	84	102
240-78929-6	B-39M	88	93	85	103
240-78929-7	DUP-04282017	88	93	89	104
240-78929-8	TB-04282017	88	92	86	103
LCS 240-277649/4	Lab Control Sample	89	99	87	106
MB 240-277649/7	Method Blank	89	93	84	106

Surrogate Legend

12DCE = 1,2-Dichloroethane-d4 (Surr)

BFB = 4-Bromofluorobenzene (Surr)

DBFM = Dibromofluoromethane (Surr)

TOL = Toluene-d8 (Surr)

QC Sample Results

Client: AECOM, Inc.
Project/Site: BP Sanborn

TestAmerica Job ID: 240-78929-1

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

Lab Sample ID: MB 240-277649/7

Matrix: Water

Analysis Batch: 277649

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	0.23	ug/L			05/05/17 10:13	1
1,1-Dichloroethane	ND		1.0	0.25	ug/L			05/05/17 10:13	1
1,1-Dichloroethene	ND		1.0	0.27	ug/L			05/05/17 10:13	1
Carbon tetrachloride	ND		1.0	0.35	ug/L			05/05/17 10:13	1
Chloroform	ND		1.0	0.31	ug/L			05/05/17 10:13	1
cis-1,2-Dichloroethene	ND		1.0	0.30	ug/L			05/05/17 10:13	1
Methylene Chloride	ND		1.0	0.53	ug/L			05/05/17 10:13	1
Tetrachloroethene	ND		1.0	0.30	ug/L			05/05/17 10:13	1
trans-1,2-Dichloroethene	ND		1.0	0.29	ug/L			05/05/17 10:13	1
Trichloroethene	ND		1.0	0.33	ug/L			05/05/17 10:13	1
Vinyl chloride	ND		1.0	0.45	ug/L			05/05/17 10:13	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	89		61 - 138		05/05/17 10:13	1
4-Bromofluorobenzene (Surr)	93		69 - 120		05/05/17 10:13	1
Dibromofluoromethane (Surr)	84		69 - 124		05/05/17 10:13	1
Toluene-d8 (Surr)	106		73 - 120		05/05/17 10:13	1

Lab Sample ID: LCS 240-277649/4

Matrix: Water

Analysis Batch: 277649

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
1,1,1-Trichloroethane	20.0	16.9		ug/L		84	64 - 147
1,1-Dichloroethane	20.0	18.8		ug/L		94	74 - 120
1,1-Dichloroethene	20.0	17.5		ug/L		88	65 - 127
Carbon tetrachloride	20.0	15.3		ug/L		76	55 - 171
Chloroform	20.0	17.6		ug/L		88	80 - 120
cis-1,2-Dichloroethene	20.0	18.1		ug/L		91	77 - 120
Methylene Chloride	20.0	18.2		ug/L		91	64 - 140
Tetrachloroethene	20.0	19.2		ug/L		96	80 - 122
trans-1,2-Dichloroethene	20.0	18.3		ug/L		92	74 - 124
Trichloroethene	20.0	16.7		ug/L		84	76 - 124
Vinyl chloride	20.0	19.4		ug/L		97	65 - 124

Surrogate	LCS %Recovery	LCS Qualifier	Limits
1,2-Dichloroethane-d4 (Surr)	89		61 - 138
4-Bromofluorobenzene (Surr)	99		69 - 120
Dibromofluoromethane (Surr)	87		69 - 124
Toluene-d8 (Surr)	106		73 - 120

TestAmerica Canton

QC Association Summary

Client: AECOM, Inc.
Project/Site: BP Sanborn

TestAmerica Job ID: 240-78929-1

GC/MS VOA

Analysis Batch: 277649

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-78929-1	B-32M	Total/NA	Water	8260C	
240-78929-2	B-46M	Total/NA	Water	8260C	
240-78929-3	B-10M	Total/NA	Water	8260C	
240-78929-4	B-41M	Total/NA	Water	8260C	
240-78929-5	B-9M	Total/NA	Water	8260C	
240-78929-6	B-39M	Total/NA	Water	8260C	
240-78929-7	DUP-04282017	Total/NA	Water	8260C	
240-78929-8	TB-04282017	Total/NA	Water	8260C	
MB 240-277649/7	Method Blank	Total/NA	Water	8260C	
LCS 240-277649/4	Lab Control Sample	Total/NA	Water	8260C	

Lab Chronicle

Client: AECOM, Inc.
Project/Site: BP Sanborn

TestAmerica Job ID: 240-78929-1

Client Sample ID: B-32M

Date Collected: 04/28/17 09:50

Date Received: 05/02/17 11:15

Lab Sample ID: 240-78929-1

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	277649	05/05/17 12:45	HMB	TAL CAN

Client Sample ID: B-46M

Date Collected: 04/28/17 11:00

Date Received: 05/02/17 11:15

Lab Sample ID: 240-78929-2

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	277649	05/05/17 13:08	HMB	TAL CAN

Client Sample ID: B-10M

Date Collected: 04/28/17 12:40

Date Received: 05/02/17 11:15

Lab Sample ID: 240-78929-3

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	277649	05/05/17 13:31	HMB	TAL CAN

Client Sample ID: B-41M

Date Collected: 04/28/17 13:05

Date Received: 05/02/17 11:15

Lab Sample ID: 240-78929-4

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	277649	05/05/17 13:55	HMB	TAL CAN

Client Sample ID: B-9M

Date Collected: 04/28/17 13:45

Date Received: 05/02/17 11:15

Lab Sample ID: 240-78929-5

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	277649	05/05/17 14:18	HMB	TAL CAN

Client Sample ID: B-39M

Date Collected: 04/28/17 15:00

Date Received: 05/02/17 11:15

Lab Sample ID: 240-78929-6

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	277649	05/05/17 14:41	HMB	TAL CAN

TestAmerica Canton

Lab Chronicle

Client: AECOM, Inc.
Project/Site: BP Sanborn

TestAmerica Job ID: 240-78929-1

Client Sample ID: DUP-04282017

Date Collected: 04/28/17 08:00

Date Received: 05/02/17 11:15

Lab Sample ID: 240-78929-7

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	277649	05/05/17 15:04	HMB	TAL CAN

Client Sample ID: TB-04282017

Date Collected: 04/28/17 00:00

Date Received: 05/02/17 11:15

Lab Sample ID: 240-78929-8

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	277649	05/05/17 15:28	HMB	TAL CAN

Laboratory References:

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

Accreditation/Certification Summary

Client: AECOM, Inc.
Project/Site: BP Sanborn

TestAmerica Job ID: 240-78929-1

Laboratory: TestAmerica Canton

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

Authority	Program	EPA Region	Identification Number	Expiration Date
New York	NELAP	2	10975	03-31-18

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TestAmerica Canton Sample Receipt Form/Narrative

Login # : 178929

Canton Facility

Client BP Site Name _____

Cooler unpacked by: _____

Cooler Received on 5-2-17 Opened on 5-2-17

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

Receipt After-hours: Drop-off Date/Time

Storage Location _____

TestAmerica Cooler # _____ 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-8 (CF **-0.3** °C) Observed Cooler Temp. 2.2 °C Corrected Cooler Temp. 1.9 °C
 IR GUN #36 (CF **+0.8** °C) Observed Cooler Temp. _____ °C Corrected Cooler Temp. _____ °C
2. Were custody seals on the outside of the cooler(s)? If Yes Quantity 1 Yes No
 -Were custody seals on the outside of the cooler(s) signed & dated? Yes No NA
 -Were custody seals on the bottle(s) or bottle kits (LLHg/MeHg)? Yes No
3. Shippers' packing slip attached to the cooler(s)? Yes No
4. Did custody papers accompany the sample(s)? Yes No
5. Were the custody papers relinquished & signed in the appropriate place? Yes No
6. Was/were the person(s) who collected the samples clearly identified on the COC? Yes No
7. Did all bottles arrive in good condition (Unbroken)? Yes No
8. Could all bottle labels be reconciled with the COC? Yes No
9. Were correct bottle(s) used for the test(s) indicated? Yes No
10. Sufficient quantity received to perform indicated analyses? Yes No
11. Are these work share samples? Yes No
 If yes, Questions 11-15 have been checked at the originating laboratory.
11. Were sample(s) at the correct pH upon receipt? Yes No NA pH Strip Lot# HC697954
12. Were VOAs on the COC? Yes No
13. Were air bubbles >6 mm in any VOA vials? Yes Larger than this. Yes No NA
14. Was a VOA trip blank present in the cooler(s)? Trip Blank Lot # _____ Yes No
15. Was a LL Hg or Me Hg trip blank present? Yes No

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

Concerning _____

16. CHAIN OF CUSTODY & SAMPLE DISCREPANCIES

Samples processed by: _____

17. 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)

18. SAMPLE PRESERVATION

Sample(s) _____ were further preserved in the laboratory.
 Time preserved: _____ Preservative(s) added/Lot number(s): _____

TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

ANALYTICAL REPORT

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

TestAmerica Job ID: 240-78974-1
Client Project/Site: BP Sanborn

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

Attn: George Kisluk



Authorized for release by:
5/17/2017 12:52:09 PM

Amy McCormick, Project Manager II
(330)966-9787
amy.mccormick@testamericainc.com

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results through
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www.testamericainc.com

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

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

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Definitions/Glossary

Client: AECOM, Inc.
Project/Site: BP Sanborn

TestAmerica Job ID: 240-78974-1

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.
F1	MS and/or MSD Recovery is outside acceptance limits.

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
α	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CNF	Contains no Free Liquid
DER	Duplicate error ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision level concentration
MDA	Minimum detectable activity
EDL	Estimated Detection Limit
MDC	Minimum detectable concentration
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
NC	Not Calculated
ND	Not detected at the reporting limit (or MDL or EDL if shown)
PQL	Practical Quantitation Limit
QC	Quality Control
RER	Relative error ratio
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)

Case Narrative

Client: AECOM, Inc.
Project/Site: BP Sanborn

TestAmerica Job ID: 240-78974-1

Job ID: 240-78974-1

Laboratory: TestAmerica Canton

Narrative

CASE NARRATIVE

Client: AECOM, Inc.

Project: BP Sanborn

Report Number: 240-78974-1

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.

TestAmerica Canton attests to the validity of the laboratory data generated by TestAmerica facilities reported herein. All analyses performed by TestAmerica facilities were done using established laboratory SOPs that incorporate QA/QC procedures described in the application methods. 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 TestAmerica and its client.

RECEIPT

The samples were received on 5/3/2017 9:45 AM; the samples arrived in good condition, properly preserved and, where required, on ice. The temperature of the cooler at receipt was 0.9° C.

VOLATILE ORGANIC COMPOUNDS (GCMS)

Samples B-40M (240-78974-1), B-11M (240-78974-2), B-16M (240-78974-3), B-8M (240-78974-4), PW-03 (240-78974-5) and TB-05012017 (240-78974-6) were analyzed for volatile organic compounds (GCMS) in accordance with EPA SW-846 Method 8260C. The samples were analyzed on 05/05/2017.

Samples B-11M (240-78974-2)[2.5X], B-8M (240-78974-4)[500X] and PW-03 (240-78974-5)[10X] required dilution prior to analysis. The reporting limits have been adjusted accordingly.

Trichloroethene failed the recovery criteria low for the MSD of sample PW-03MSD (240-78974-5) in batch 240-277649.

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

Method Summary

Client: AECOM, Inc.
Project/Site: BP Sanborn

TestAmerica Job ID: 240-78974-1

Method	Method Description	Protocol	Laboratory
8260C	Volatile Organic Compounds by GC/MS	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 = TestAmerica Canton, 4101 Shuffel Street NW, North Canton, OH 44720, TEL (330)497-9396



Sample Summary

Client: AECOM, Inc.
Project/Site: BP Sanborn

TestAmerica Job ID: 240-78974-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
240-78974-1	B-40M	Water	05/01/17 10:25	05/03/17 09:45
240-78974-2	B-11M	Water	05/01/17 11:40	05/03/17 09:45
240-78974-3	B-16M	Water	05/01/17 12:45	05/03/17 09:45
240-78974-4	B-8M	Water	05/01/17 13:50	05/03/17 09:45
240-78974-5	PW-03	Water	05/01/17 14:25	05/03/17 09:45
240-78974-6	TB-05012017	Water	05/01/17 00:00	05/03/17 09:45

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

Detection Summary

Client: AECOM, Inc.
Project/Site: BP Sanborn

TestAmerica Job ID: 240-78974-1

Client Sample ID: B-40M

Lab Sample ID: 240-78974-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
cis-1,2-Dichloroethene	4.9		1.0	0.30	ug/L	1		8260C	Total/NA
trans-1,2-Dichloroethene	0.68	J	1.0	0.29	ug/L	1		8260C	Total/NA
Trichloroethene	5.0		1.0	0.33	ug/L	1		8260C	Total/NA

Client Sample ID: B-11M

Lab Sample ID: 240-78974-2

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
cis-1,2-Dichloroethene	6.7		2.5	0.75	ug/L	2.5		8260C	Total/NA
Tetrachloroethene	3.4		2.5	0.75	ug/L	2.5		8260C	Total/NA
Trichloroethene	91		2.5	0.83	ug/L	2.5		8260C	Total/NA

Client Sample ID: B-16M

Lab Sample ID: 240-78974-3

No Detections.

Client Sample ID: B-8M

Lab Sample ID: 240-78974-4

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
cis-1,2-Dichloroethene	430	J	500	150	ug/L	500		8260C	Total/NA
Trichloroethene	14000		500	170	ug/L	500		8260C	Total/NA

Client Sample ID: PW-03

Lab Sample ID: 240-78974-5

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
cis-1,2-Dichloroethene	37		10	3.0	ug/L	10		8260C	Total/NA
Tetrachloroethene	8.7	J	10	3.0	ug/L	10		8260C	Total/NA
Trichloroethene	380	F1	10	3.3	ug/L	10		8260C	Total/NA

Client Sample ID: TB-05012017

Lab Sample ID: 240-78974-6

No Detections.

This Detection Summary does not include radiochemical test results.

TestAmerica Canton

Client Sample Results

Client: AECOM, Inc.
Project/Site: BP Sanborn

TestAmerica Job ID: 240-78974-1

Client Sample ID: B-40M

Date Collected: 05/01/17 10:25

Date Received: 05/03/17 09:45

Lab Sample ID: 240-78974-1

Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0	0.23	ug/L			05/05/17 15:51	1
1,1-Dichloroethane	ND		1.0	0.25	ug/L			05/05/17 15:51	1
1,1-Dichloroethene	ND		1.0	0.27	ug/L			05/05/17 15:51	1
Carbon tetrachloride	ND		1.0	0.35	ug/L			05/05/17 15:51	1
Chloroform	ND		1.0	0.31	ug/L			05/05/17 15:51	1
cis-1,2-Dichloroethene	4.9		1.0	0.30	ug/L			05/05/17 15:51	1
Methylene Chloride	ND		1.0	0.53	ug/L			05/05/17 15:51	1
Tetrachloroethene	ND		1.0	0.30	ug/L			05/05/17 15:51	1
trans-1,2-Dichloroethene	0.68	J	1.0	0.29	ug/L			05/05/17 15:51	1
Trichloroethene	5.0		1.0	0.33	ug/L			05/05/17 15:51	1
Vinyl chloride	ND		1.0	0.45	ug/L			05/05/17 15:51	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	89		61 - 138					05/05/17 15:51	1
4-Bromofluorobenzene (Surr)	92		69 - 120					05/05/17 15:51	1
Dibromofluoromethane (Surr)	83		69 - 124					05/05/17 15:51	1
Toluene-d8 (Surr)	104		73 - 120					05/05/17 15:51	1

Client Sample Results

Client: AECOM, Inc.
Project/Site: BP Sanborn

TestAmerica Job ID: 240-78974-1

Client Sample ID: B-11M

Date Collected: 05/01/17 11:40

Date Received: 05/03/17 09:45

Lab Sample ID: 240-78974-2

Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		2.5	0.58	ug/L			05/05/17 16:14	2.5
1,1-Dichloroethane	ND		2.5	0.63	ug/L			05/05/17 16:14	2.5
1,1-Dichloroethene	ND		2.5	0.68	ug/L			05/05/17 16:14	2.5
Carbon tetrachloride	ND		2.5	0.88	ug/L			05/05/17 16:14	2.5
Chloroform	ND		2.5	0.78	ug/L			05/05/17 16:14	2.5
cis-1,2-Dichloroethene	6.7		2.5	0.75	ug/L			05/05/17 16:14	2.5
Methylene Chloride	ND		2.5	1.3	ug/L			05/05/17 16:14	2.5
Tetrachloroethene	3.4		2.5	0.75	ug/L			05/05/17 16:14	2.5
trans-1,2-Dichloroethene	ND		2.5	0.73	ug/L			05/05/17 16:14	2.5
Trichloroethene	91		2.5	0.83	ug/L			05/05/17 16:14	2.5
Vinyl chloride	ND		2.5	1.1	ug/L			05/05/17 16:14	2.5
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	87		61 - 138					05/05/17 16:14	2.5
4-Bromofluorobenzene (Surr)	93		69 - 120					05/05/17 16:14	2.5
Dibromofluoromethane (Surr)	84		69 - 124					05/05/17 16:14	2.5
Toluene-d8 (Surr)	104		73 - 120					05/05/17 16:14	2.5

Client Sample Results

Client: AECOM, Inc.
Project/Site: BP Sanborn

TestAmerica Job ID: 240-78974-1

Client Sample ID: B-16M

Date Collected: 05/01/17 12:45

Date Received: 05/03/17 09:45

Lab Sample ID: 240-78974-3

Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0	0.23	ug/L			05/05/17 16:37	1
1,1-Dichloroethane	ND		1.0	0.25	ug/L			05/05/17 16:37	1
1,1-Dichloroethene	ND		1.0	0.27	ug/L			05/05/17 16:37	1
Carbon tetrachloride	ND		1.0	0.35	ug/L			05/05/17 16:37	1
Chloroform	ND		1.0	0.31	ug/L			05/05/17 16:37	1
cis-1,2-Dichloroethene	ND		1.0	0.30	ug/L			05/05/17 16:37	1
Methylene Chloride	ND		1.0	0.53	ug/L			05/05/17 16:37	1
Tetrachloroethene	ND		1.0	0.30	ug/L			05/05/17 16:37	1
trans-1,2-Dichloroethene	ND		1.0	0.29	ug/L			05/05/17 16:37	1
Trichloroethene	ND		1.0	0.33	ug/L			05/05/17 16:37	1
Vinyl chloride	ND		1.0	0.45	ug/L			05/05/17 16:37	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	90		61 - 138					05/05/17 16:37	1
4-Bromofluorobenzene (Surr)	92		69 - 120					05/05/17 16:37	1
Dibromofluoromethane (Surr)	88		69 - 124					05/05/17 16:37	1
Toluene-d8 (Surr)	104		73 - 120					05/05/17 16:37	1

Client Sample Results

Client: AECOM, Inc.
Project/Site: BP Sanborn

TestAmerica Job ID: 240-78974-1

Client Sample ID: B-8M
Date Collected: 05/01/17 13:50
Date Received: 05/03/17 09:45

Lab Sample ID: 240-78974-4
Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		500	120	ug/L			05/05/17 17:00	500
1,1-Dichloroethane	ND		500	130	ug/L			05/05/17 17:00	500
1,1-Dichloroethene	ND		500	140	ug/L			05/05/17 17:00	500
Carbon tetrachloride	ND		500	180	ug/L			05/05/17 17:00	500
Chloroform	ND		500	160	ug/L			05/05/17 17:00	500
cis-1,2-Dichloroethene	430	J	500	150	ug/L			05/05/17 17:00	500
Methylene Chloride	ND		500	270	ug/L			05/05/17 17:00	500
Tetrachloroethene	ND		500	150	ug/L			05/05/17 17:00	500
trans-1,2-Dichloroethene	ND		500	150	ug/L			05/05/17 17:00	500
Trichloroethene	14000		500	170	ug/L			05/05/17 17:00	500
Vinyl chloride	ND		500	230	ug/L			05/05/17 17:00	500
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	89		61 - 138					05/05/17 17:00	500
4-Bromofluorobenzene (Surr)	94		69 - 120					05/05/17 17:00	500
Dibromofluoromethane (Surr)	85		69 - 124					05/05/17 17:00	500
Toluene-d8 (Surr)	103		73 - 120					05/05/17 17:00	500

Client Sample Results

Client: AECOM, Inc.
Project/Site: BP Sanborn

TestAmerica Job ID: 240-78974-1

Client Sample ID: PW-03

Date Collected: 05/01/17 14:25

Date Received: 05/03/17 09:45

Lab Sample ID: 240-78974-5

Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		10	2.3	ug/L			05/05/17 17:24	10
1,1-Dichloroethane	ND		10	2.5	ug/L			05/05/17 17:24	10
1,1-Dichloroethene	ND		10	2.7	ug/L			05/05/17 17:24	10
Carbon tetrachloride	ND		10	3.5	ug/L			05/05/17 17:24	10
Chloroform	ND		10	3.1	ug/L			05/05/17 17:24	10
cis-1,2-Dichloroethene	37		10	3.0	ug/L			05/05/17 17:24	10
Methylene Chloride	ND		10	5.3	ug/L			05/05/17 17:24	10
Tetrachloroethene	8.7	J	10	3.0	ug/L			05/05/17 17:24	10
trans-1,2-Dichloroethene	ND		10	2.9	ug/L			05/05/17 17:24	10
Trichloroethene	380	F1	10	3.3	ug/L			05/05/17 17:24	10
Vinyl chloride	ND		10	4.5	ug/L			05/05/17 17:24	10
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	89		61 - 138					05/05/17 17:24	10
4-Bromofluorobenzene (Surr)	92		69 - 120					05/05/17 17:24	10
Dibromofluoromethane (Surr)	86		69 - 124					05/05/17 17:24	10
Toluene-d8 (Surr)	105		73 - 120					05/05/17 17:24	10

Client Sample Results

Client: AECOM, Inc.
Project/Site: BP Sanborn

TestAmerica Job ID: 240-78974-1

Client Sample ID: TB-05012017

Lab Sample ID: 240-78974-6

Date Collected: 05/01/17 00:00

Matrix: Water

Date Received: 05/03/17 09:45

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0	0.23	ug/L			05/05/17 17:47	1
1,1-Dichloroethane	ND		1.0	0.25	ug/L			05/05/17 17:47	1
1,1-Dichloroethene	ND		1.0	0.27	ug/L			05/05/17 17:47	1
Carbon tetrachloride	ND		1.0	0.35	ug/L			05/05/17 17:47	1
Chloroform	ND		1.0	0.31	ug/L			05/05/17 17:47	1
cis-1,2-Dichloroethene	ND		1.0	0.30	ug/L			05/05/17 17:47	1
Methylene Chloride	ND		1.0	0.53	ug/L			05/05/17 17:47	1
Tetrachloroethene	ND		1.0	0.30	ug/L			05/05/17 17:47	1
trans-1,2-Dichloroethene	ND		1.0	0.29	ug/L			05/05/17 17:47	1
Trichloroethene	ND		1.0	0.33	ug/L			05/05/17 17:47	1
Vinyl chloride	ND		1.0	0.45	ug/L			05/05/17 17:47	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	92		61 - 138					05/05/17 17:47	1
4-Bromofluorobenzene (Surr)	92		69 - 120					05/05/17 17:47	1
Dibromofluoromethane (Surr)	87		69 - 124					05/05/17 17:47	1
Toluene-d8 (Surr)	105		73 - 120					05/05/17 17:47	1

Surrogate Summary

Client: AECOM, Inc.
Project/Site: BP Sanborn

TestAmerica Job ID: 240-78974-1

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

Matrix: Water

Prep Type: Total/NA

Percent Surrogate Recovery (Acceptance Limits)

Lab Sample ID	Client Sample ID	12DCE (61-138)	BFB (69-120)	DBFM (69-124)	TOL (73-120)
240-78974-1	B-40M	89	92	83	104
240-78974-2	B-11M	87	93	84	104
240-78974-3	B-16M	90	92	88	104
240-78974-4	B-8M	89	94	85	103
240-78974-5	PW-03	89	92	86	105
240-78974-5 MS	PW-03	89	98	84	106
240-78974-5 MSD	PW-03	86	98	86	107
240-78974-6	TB-05012017	92	92	87	105
LCS 240-277649/4	Lab Control Sample	89	99	87	106
MB 240-277649/7	Method Blank	89	93	84	106

Surrogate Legend

12DCE = 1,2-Dichloroethane-d4 (Surr)

BFB = 4-Bromofluorobenzene (Surr)

DBFM = Dibromofluoromethane (Surr)

TOL = Toluene-d8 (Surr)

QC Sample Results

Client: AECOM, Inc.
Project/Site: BP Sanborn

TestAmerica Job ID: 240-78974-1

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

Lab Sample ID: MB 240-277649/7

Matrix: Water

Analysis Batch: 277649

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	0.23	ug/L			05/05/17 10:13	1
1,1-Dichloroethane	ND		1.0	0.25	ug/L			05/05/17 10:13	1
1,1-Dichloroethene	ND		1.0	0.27	ug/L			05/05/17 10:13	1
Carbon tetrachloride	ND		1.0	0.35	ug/L			05/05/17 10:13	1
Chloroform	ND		1.0	0.31	ug/L			05/05/17 10:13	1
cis-1,2-Dichloroethene	ND		1.0	0.30	ug/L			05/05/17 10:13	1
Methylene Chloride	ND		1.0	0.53	ug/L			05/05/17 10:13	1
Tetrachloroethene	ND		1.0	0.30	ug/L			05/05/17 10:13	1
trans-1,2-Dichloroethene	ND		1.0	0.29	ug/L			05/05/17 10:13	1
Trichloroethene	ND		1.0	0.33	ug/L			05/05/17 10:13	1
Vinyl chloride	ND		1.0	0.45	ug/L			05/05/17 10:13	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	89		61 - 138		05/05/17 10:13	1
4-Bromofluorobenzene (Surr)	93		69 - 120		05/05/17 10:13	1
Dibromofluoromethane (Surr)	84		69 - 124		05/05/17 10:13	1
Toluene-d8 (Surr)	106		73 - 120		05/05/17 10:13	1

Lab Sample ID: LCS 240-277649/4

Matrix: Water

Analysis Batch: 277649

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
1,1,1-Trichloroethane	20.0	16.9		ug/L		84	64 - 147
1,1-Dichloroethane	20.0	18.8		ug/L		94	74 - 120
1,1-Dichloroethene	20.0	17.5		ug/L		88	65 - 127
Carbon tetrachloride	20.0	15.3		ug/L		76	55 - 171
Chloroform	20.0	17.6		ug/L		88	80 - 120
cis-1,2-Dichloroethene	20.0	18.1		ug/L		91	77 - 120
Methylene Chloride	20.0	18.2		ug/L		91	64 - 140
Tetrachloroethene	20.0	19.2		ug/L		96	80 - 122
trans-1,2-Dichloroethene	20.0	18.3		ug/L		92	74 - 124
Trichloroethene	20.0	16.7		ug/L		84	76 - 124
Vinyl chloride	20.0	19.4		ug/L		97	65 - 124

Surrogate	LCS %Recovery	LCS Qualifier	Limits
1,2-Dichloroethane-d4 (Surr)	89		61 - 138
4-Bromofluorobenzene (Surr)	99		69 - 120
Dibromofluoromethane (Surr)	87		69 - 124
Toluene-d8 (Surr)	106		73 - 120

Lab Sample ID: 240-78974-5 MS

Matrix: Water

Analysis Batch: 277649

Client Sample ID: PW-03

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
1,1,1-Trichloroethane	ND		200	168		ug/L		84	57 - 156

TestAmerica Canton

QC Sample Results

Client: AECOM, Inc.
Project/Site: BP Sanborn

TestAmerica Job ID: 240-78974-1

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

Lab Sample ID: 240-78974-5 MS

Matrix: Water

Analysis Batch: 277649

Client Sample ID: PW-03

Prep Type: Total/NA

Analyte	Sample	Sample	Spike	MS	MS	Unit	D	%Rec	%Rec. Limits	
	Result	Qualifier	Added	Result	Qualifier					
1,1-Dichloroethane	ND		200	181		ug/L		91	69 - 122	
1,1-Dichloroethene	ND		200	178		ug/L		89	62 - 127	
Carbon tetrachloride	ND		200	157		ug/L		78	53 - 175	
Chloroform	ND		200	168		ug/L		84	74 - 125	
cis-1,2-Dichloroethene	37		200	210		ug/L		86	69 - 127	
Methylene Chloride	ND		200	177		ug/L		88	52 - 137	
Tetrachloroethene	8.7	J	200	198		ug/L		95	69 - 126	
trans-1,2-Dichloroethene	ND		200	178		ug/L		89	66 - 131	
Trichloroethene	380	F1	200	540		ug/L		78	68 - 129	
Vinyl chloride	ND		200	177		ug/L		89	55 - 123	
MS MS										
Surrogate	%Recovery	Qualifier	Limits							
1,2-Dichloroethane-d4 (Surr)	89		61 - 138							
4-Bromofluorobenzene (Surr)	98		69 - 120							
Dibromofluoromethane (Surr)	84		69 - 124							
Toluene-d8 (Surr)	106		73 - 120							

Lab Sample ID: 240-78974-5 MSD

Matrix: Water

Analysis Batch: 277649

Client Sample ID: PW-03

Prep Type: Total/NA

Analyte	Sample	Sample	Spike	MSD	MSD	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
	Result	Qualifier	Added	Result	Qualifier						
1,1,1-Trichloroethane	ND		200	175		ug/L		88	57 - 156	4	13
1,1-Dichloroethane	ND		200	186		ug/L		93	69 - 122	2	11
1,1-Dichloroethene	ND		200	182		ug/L		91	62 - 127	2	14
Carbon tetrachloride	ND		200	164		ug/L		82	53 - 175	4	17
Chloroform	ND		200	171		ug/L		85	74 - 125	2	11
cis-1,2-Dichloroethene	37		200	205		ug/L		84	69 - 127	3	11
Methylene Chloride	ND		200	177		ug/L		89	52 - 137	0	12
Tetrachloroethene	8.7	J	200	204		ug/L		98	69 - 126	3	18
trans-1,2-Dichloroethene	ND		200	183		ug/L		92	66 - 131	3	11
Trichloroethene	380	F1	200	502	F1	ug/L		59	68 - 129	7	12
Vinyl chloride	ND		200	185		ug/L		92	55 - 123	4	12
MSD MSD											
Surrogate	%Recovery	Qualifier	Limits								
1,2-Dichloroethane-d4 (Surr)	86		61 - 138								
4-Bromofluorobenzene (Surr)	98		69 - 120								
Dibromofluoromethane (Surr)	86		69 - 124								
Toluene-d8 (Surr)	107		73 - 120								

TestAmerica Canton

QC Association Summary

Client: AECOM, Inc.
Project/Site: BP Sanborn

TestAmerica Job ID: 240-78974-1

GC/MS VOA

Analysis Batch: 277649

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-78974-1	B-40M	Total/NA	Water	8260C	
240-78974-2	B-11M	Total/NA	Water	8260C	
240-78974-3	B-16M	Total/NA	Water	8260C	
240-78974-4	B-8M	Total/NA	Water	8260C	
240-78974-5	PW-03	Total/NA	Water	8260C	
240-78974-6	TB-05012017	Total/NA	Water	8260C	
MB 240-277649/7	Method Blank	Total/NA	Water	8260C	
LCS 240-277649/4	Lab Control Sample	Total/NA	Water	8260C	
240-78974-5 MS	PW-03	Total/NA	Water	8260C	
240-78974-5 MSD	PW-03	Total/NA	Water	8260C	

Lab Chronicle

Client: AECOM, Inc.
Project/Site: BP Sanborn

TestAmerica Job ID: 240-78974-1

Client Sample ID: B-40M

Date Collected: 05/01/17 10:25

Date Received: 05/03/17 09:45

Lab Sample ID: 240-78974-1

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	277649	05/05/17 15:51	HMB	TAL CAN

Client Sample ID: B-11M

Date Collected: 05/01/17 11:40

Date Received: 05/03/17 09:45

Lab Sample ID: 240-78974-2

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		2.5	277649	05/05/17 16:14	HMB	TAL CAN

Client Sample ID: B-16M

Date Collected: 05/01/17 12:45

Date Received: 05/03/17 09:45

Lab Sample ID: 240-78974-3

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	277649	05/05/17 16:37	HMB	TAL CAN

Client Sample ID: B-8M

Date Collected: 05/01/17 13:50

Date Received: 05/03/17 09:45

Lab Sample ID: 240-78974-4

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		500	277649	05/05/17 17:00	HMB	TAL CAN

Client Sample ID: PW-03

Date Collected: 05/01/17 14:25

Date Received: 05/03/17 09:45

Lab Sample ID: 240-78974-5

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		10	277649	05/05/17 17:24	HMB	TAL CAN

Client Sample ID: TB-05012017

Date Collected: 05/01/17 00:00

Date Received: 05/03/17 09:45

Lab Sample ID: 240-78974-6

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	277649	05/05/17 17:47	HMB	TAL CAN

Laboratory References:

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

TestAmerica Canton

Accreditation/Certification Summary

Client: AECOM, Inc.
Project/Site: BP Sanborn

TestAmerica Job ID: 240-78974-1

Laboratory: TestAmerica Canton

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

Authority	Program	EPA Region	Identification Number	Expiration Date
New York	NELAP	2	10975	03-31-18

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1.2/CO.9

Laboratory Management Program LaMP Chain of Custody Record

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: TestAmerica 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:
 Lab PM: Patrick O'Meara Lead Regulatory Agency: NYSDEC Address: 257 West Genesee St., Suite 400 Buffalo, NY 14202
 Lab Phone: 330-497-9396 California Global ID No.: Consultant/Contractor PM: James Kaczor
 Lab Shipping Acct: Enfos Proposal No: Phone: 716-923-1300
 Lab Bottle Order No: Accounting Mode: 10 Provision ___ OOC-BU ___ OOC-RM ___ Email EDD To: James.Kaczor@aecom.com
 Other Info: Sta# 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	8260C	Standard	Full Data Package	Comments		
B-40m		5/1/2017	10:25	x			3				x						
B-11M		5/1/2017	11:40	x			3				x						
B-16M		5/1/2017	12:45	x			3				x						
B-8M		5/1/2017	13:50	x			3				x						
PW-03		5/1/2017	14:25	x			3				x						
TB-05012017		5/1/2017		x			3				x						
				x			3				x						



Relinquished By / Affiliation: Ernest Thalhammer / AECOM Date: 5-1-17 1600
 Requisitioned By / Affiliation: Ernest Thalhammer / AECOM Date: 5/1/17 1600
 Shipper's Name: Ernest Thalhammer Date: 5/1/17 1600
 Shipper's Company: AECOM Date: 5/1/17 1600
 Shipment Method: Drop off at TA-Buffalo Ship Date: 5/1/17 1600
 Shipment Tracking No: Date: 5/1/17 1600
 Special Instructions: Please Bill Sanborn Samples to AECOM PO#83588 Date: 5/1/17 1600
 THIS LINE - LAB USE ONLY: Custody Seals in Place Yes / No Temp Blank: Yes NO Cooler Temp on Receipt: 0.9 °F Trip Blank: Yes / No MS/MSD Sample Submitted: Yes YES
 BP/ARC LaMP COC Rev. 6 01/01/2009



TestAmerica Canton Sample Receipt Form/Narrative
Canton Facility

Login # : 78974

Client AECOM Site Name _____
 Cooler Received on 05/03/17 Opened on 05/03/17
 FedEx: 1st Grd UPS FAS Clipper Client Drop Off TestAmerica Courier Other

Cooler unpacked by:
DSD

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

TestAmerica Cooler # _____ 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-8 (CF -0.3 °C) Observed Cooler Temp. 1.2 °C Corrected Cooler Temp. 0.9 °C
 IR GUN #36 (CF +0.8 °C) Observed Cooler Temp. _____ °C Corrected Cooler Temp. _____ °C
2. Were custody seals on the outside of the cooler(s)? If Yes Quantity 1 Yes No
 -Were custody seals on the outside of the cooler(s) signed & dated? Yes No NA
 -Were custody seals on the bottle(s) or bottle kits (LLHg/MeHg)? Yes No
3. Shippers' packing slip attached to the cooler(s)? Yes No
4. Did custody papers accompany the sample(s)? Yes No
5. Were the custody papers relinquished & signed in the appropriate place? Yes No
6. Was/were the person(s) who collected the samples clearly identified on the COC? Yes No
7. Did all bottles arrive in good condition (Unbroken)? Yes No
8. Could all bottle labels be reconciled with the COC? Yes No
9. Were correct bottle(s) used for the test(s) indicated? Yes No
10. Sufficient quantity received to perform indicated analyses? Yes No
11. Are these work share samples?
 If yes, Questions 11-15 have been checked at the originating laboratory. Yes No NA pH Strip Lot# HC697954
11. Were sample(s) at the correct pH upon receipt? Yes No
12. Were VOAs on the COC? Yes No
13. Were air bubbles >6 mm in any VOA vials? Larger than this. Yes No NA
14. Was a VOA trip blank present in the cooler(s)? Trip Blank Lot # Covered Yes No
15. Was a LL Hg or Me Hg trip blank present? Yes No
- Contacted PM _____ Date _____ by _____ via Verbal Voice Mail Other _____

Concerning _____

16. CHAIN OF CUSTODY & SAMPLE DISCREPANCIES Samples processed by: _____

17. 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)

18. SAMPLE PRESERVATION

Sample(s) _____ were further preserved in the laboratory.
 Time preserved: _____ Preservative(s) added/Lot number(s): _____

Ref: SOP NC-SC-0005, Sample Receiving
 \\tacorp\corp\QA\QA_Facilities\Canton-QA\Document-Management\Work-Instruction\Word Version Work Instructions\WI-NC-099-042717 Cooler Receipt Form.doc djl

TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

ANALYTICAL REPORT

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

TestAmerica Job ID: 240-79083-1
Client Project/Site: BP Sanborn

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

Attn: George Kisluk



Authorized for release by:
5/18/2017 12:48:08 PM

Amy McCormick, Project Manager II
(330)966-9787
amy.mccormick@testamericainc.com

LINKS

Review your project
results through
TotalAccess

Have a Question?



Visit us at:
www.testamericainc.com

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

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

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Definitions/Glossary

Client: AECOM, Inc.
Project/Site: BP Sanborn

TestAmerica Job ID: 240-79083-1

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.
▫	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CNF	Contains No Free Liquid
DER	Duplicate Error Ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL	Detection Limit (DoD/DOE)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision Level Concentration (Radiochemistry)
EDL	Estimated Detection Limit (Dioxin)
LOD	Limit of Detection (DoD/DOE)
LOQ	Limit of Quantitation (DoD/DOE)
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
NC	Not Calculated
ND	Not Detected at the reporting limit (or MDL or EDL if shown)
PQL	Practical Quantitation Limit
QC	Quality Control
RER	Relative Error Ratio (Radiochemistry)
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)

Case Narrative

Client: AECOM, Inc.
Project/Site: BP Sanborn

TestAmerica Job ID: 240-79083-1

Job ID: 240-79083-1

Laboratory: TestAmerica Canton

Narrative

CASE NARRATIVE

Client: AECOM, Inc.

Project: BP Sanborn

Report Number: 240-79083-1

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.

TestAmerica Canton attests to the validity of the laboratory data generated by TestAmerica facilities reported herein. All analyses performed by TestAmerica facilities were done using established laboratory SOPs that incorporate QA/QC procedures described in the application methods. 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 TestAmerica and its client.

RECEIPT

The samples were received on 5/4/2017 9:30 AM; the samples arrived in good condition, properly preserved and, where required, on ice. The temperature of the cooler at receipt was 1.3° C.

VOLATILE ORGANIC COMPOUNDS (GCMS)

Samples B-18M (240-79083-1), B-48M (240-79083-2), B-12M (240-79083-3), B-07M (240-79083-4), P-03 (240-79083-5), P-04 (240-79083-6), PW-01 (240-79083-7), P-02 (240-79083-8), PW-04 (240-79083-9), DUP-05022017 (240-79083-10) and TB-05022017 (240-79083-11) were analyzed for volatile organic compounds (GCMS) in accordance with EPA SW-846 Method 8260C. The samples were analyzed on 05/11/2017.

Samples B-18M (240-79083-1)[1.67X], B-12M (240-79083-3)[4X], P-04 (240-79083-6)[25X], PW-01 (240-79083-7)[25X], P-02 (240-79083-8)[125X] and DUP-05022017 (240-79083-10)[1.67X] required dilution prior to analysis. The reporting limits have been adjusted accordingly.

Methylene Chloride was detected in method blank MB 240-278480/7 at a level that was above the method detection limit but below the reporting limit. The value should be considered an estimate, and has been flagged. If the associated sample reported a result above the MDL and/or RL, the result has been flagged.

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

Case Narrative

Client: AECOM, Inc.
Project/Site: BP Sanborn

TestAmerica Job ID: 240-79083-1

Job ID: 240-79083-1 (Continued)

Laboratory: TestAmerica Canton (Continued)

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Method Summary

Client: AECOM, Inc.
Project/Site: BP Sanborn

TestAmerica Job ID: 240-79083-1

Method	Method Description	Protocol	Laboratory
8260C	Volatile Organic Compounds by GC/MS	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 = TestAmerica Canton, 4101 Shuffel Street NW, North Canton, OH 44720, TEL (330)497-9396

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Sample Summary

Client: AECOM, Inc.
Project/Site: BP Sanborn

TestAmerica Job ID: 240-79083-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
240-79083-1	B-18M	Water	05/02/17 10:10	05/04/17 09:30
240-79083-2	B-48M	Water	05/02/17 11:50	05/04/17 09:30
240-79083-3	B-12M	Water	05/02/17 12:50	05/04/17 09:30
240-79083-4	B-07M	Water	05/02/17 14:20	05/04/17 09:30
240-79083-5	P-03	Water	05/02/17 14:45	05/04/17 09:30
240-79083-6	P-04	Water	05/02/17 14:55	05/04/17 09:30
240-79083-7	PW-01	Water	05/02/17 15:10	05/04/17 09:30
240-79083-8	P-02	Water	05/02/17 15:50	05/04/17 09:30
240-79083-9	PW-04	Water	05/02/17 16:00	05/04/17 09:30
240-79083-10	DUP-05022017	Water	05/02/17 08:00	05/04/17 09:30
240-79083-11	TB-05022017	Water	05/02/17 00:00	05/04/17 09:30



Detection Summary

Client: AECOM, Inc.
Project/Site: BP Sanborn

TestAmerica Job ID: 240-79083-1

Client Sample ID: B-18M

Lab Sample ID: 240-79083-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
cis-1,2-Dichloroethene	72		1.7	0.50	ug/L	1.67		8260C	Total/NA
trans-1,2-Dichloroethene	1.8		1.7	0.48	ug/L	1.67		8260C	Total/NA
Vinyl chloride	27		1.7	0.75	ug/L	1.67		8260C	Total/NA

Client Sample ID: B-48M

Lab Sample ID: 240-79083-2

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Trichloroethene	0.57	J	1.0	0.33	ug/L	1		8260C	Total/NA

Client Sample ID: B-12M

Lab Sample ID: 240-79083-3

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,1,1-Trichloroethane	1.1	J	4.0	0.92	ug/L	4		8260C	Total/NA
cis-1,2-Dichloroethene	14		4.0	1.2	ug/L	4		8260C	Total/NA
Trichloroethene	140		4.0	1.3	ug/L	4		8260C	Total/NA

Client Sample ID: B-07M

Lab Sample ID: 240-79083-4

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
cis-1,2-Dichloroethene	0.76	J	1.0	0.30	ug/L	1		8260C	Total/NA
Trichloroethene	4.5		1.0	0.33	ug/L	1		8260C	Total/NA

Client Sample ID: P-03

Lab Sample ID: 240-79083-5

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
cis-1,2-Dichloroethene	33		1.0	0.30	ug/L	1		8260C	Total/NA
trans-1,2-Dichloroethene	2.8		1.0	0.29	ug/L	1		8260C	Total/NA
Trichloroethene	0.78	J	1.0	0.33	ug/L	1		8260C	Total/NA
Vinyl chloride	7.2		1.0	0.45	ug/L	1		8260C	Total/NA

Client Sample ID: P-04

Lab Sample ID: 240-79083-6

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,1-Dichloroethane	10	J	25	6.3	ug/L	25		8260C	Total/NA
cis-1,2-Dichloroethene	250		25	7.5	ug/L	25		8260C	Total/NA
Trichloroethene	1200		25	8.3	ug/L	25		8260C	Total/NA

Client Sample ID: PW-01

Lab Sample ID: 240-79083-7

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
cis-1,2-Dichloroethene	210		25	7.5	ug/L	25		8260C	Total/NA
Trichloroethene	850		25	8.3	ug/L	25		8260C	Total/NA

Client Sample ID: P-02

Lab Sample ID: 240-79083-8

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,1,1-Trichloroethane	470		130	29	ug/L	125		8260C	Total/NA
1,1-Dichloroethane	79	J	130	31	ug/L	125		8260C	Total/NA
cis-1,2-Dichloroethene	350		130	38	ug/L	125		8260C	Total/NA
Trichloroethene	4500		130	41	ug/L	125		8260C	Total/NA

This Detection Summary does not include radiochemical test results.

TestAmerica Canton

Detection Summary

Client: AECOM, Inc.
Project/Site: BP Sanborn

TestAmerica Job ID: 240-79083-1

Client Sample ID: PW-04

Lab Sample ID: 240-79083-9

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
cis-1,2-Dichloroethene	1.6		1.0	0.30	ug/L	1		8260C	Total/NA
Trichloroethene	20		1.0	0.33	ug/L	1		8260C	Total/NA

Client Sample ID: DUP-05022017

Lab Sample ID: 240-79083-10

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
cis-1,2-Dichloroethene	68		1.7	0.50	ug/L	1.67		8260C	Total/NA
trans-1,2-Dichloroethene	1.7		1.7	0.48	ug/L	1.67		8260C	Total/NA
Vinyl chloride	27		1.7	0.75	ug/L	1.67		8260C	Total/NA

Client Sample ID: TB-05022017

Lab Sample ID: 240-79083-11

No Detections.

This Detection Summary does not include radiochemical test results.

TestAmerica Canton

Client Sample Results

Client: AECOM, Inc.
Project/Site: BP Sanborn

TestAmerica Job ID: 240-79083-1

Client Sample ID: B-18M

Date Collected: 05/02/17 10:10

Date Received: 05/04/17 09:30

Lab Sample ID: 240-79083-1

Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.7	0.38	ug/L			05/11/17 14:26	1.67
1,1-Dichloroethane	ND		1.7	0.42	ug/L			05/11/17 14:26	1.67
1,1-Dichloroethene	ND		1.7	0.45	ug/L			05/11/17 14:26	1.67
Carbon tetrachloride	ND		1.7	0.58	ug/L			05/11/17 14:26	1.67
Chloroform	ND		1.7	0.52	ug/L			05/11/17 14:26	1.67
cis-1,2-Dichloroethene	72		1.7	0.50	ug/L			05/11/17 14:26	1.67
Methylene Chloride	ND		1.7	0.89	ug/L			05/11/17 14:26	1.67
Tetrachloroethene	ND		1.7	0.50	ug/L			05/11/17 14:26	1.67
trans-1,2-Dichloroethene	1.8		1.7	0.48	ug/L			05/11/17 14:26	1.67
Trichloroethene	ND		1.7	0.55	ug/L			05/11/17 14:26	1.67
Vinyl chloride	27		1.7	0.75	ug/L			05/11/17 14:26	1.67
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	91		61 - 138					05/11/17 14:26	1.67
4-Bromofluorobenzene (Surr)	80		69 - 120					05/11/17 14:26	1.67
Dibromofluoromethane (Surr)	83		69 - 124					05/11/17 14:26	1.67
Toluene-d8 (Surr)	97		73 - 120					05/11/17 14:26	1.67

Client Sample Results

Client: AECOM, Inc.
Project/Site: BP Sanborn

TestAmerica Job ID: 240-79083-1

Client Sample ID: B-48M

Date Collected: 05/02/17 11:50

Date Received: 05/04/17 09:30

Lab Sample ID: 240-79083-2

Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0	0.23	ug/L			05/11/17 14:49	1
1,1-Dichloroethane	ND		1.0	0.25	ug/L			05/11/17 14:49	1
1,1-Dichloroethene	ND		1.0	0.27	ug/L			05/11/17 14:49	1
Carbon tetrachloride	ND		1.0	0.35	ug/L			05/11/17 14:49	1
Chloroform	ND		1.0	0.31	ug/L			05/11/17 14:49	1
cis-1,2-Dichloroethene	ND		1.0	0.30	ug/L			05/11/17 14:49	1
Methylene Chloride	ND		1.0	0.53	ug/L			05/11/17 14:49	1
Tetrachloroethene	ND		1.0	0.30	ug/L			05/11/17 14:49	1
trans-1,2-Dichloroethene	ND		1.0	0.29	ug/L			05/11/17 14:49	1
Trichloroethene	0.57	J	1.0	0.33	ug/L			05/11/17 14:49	1
Vinyl chloride	ND		1.0	0.45	ug/L			05/11/17 14:49	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	93		61 - 138		05/11/17 14:49	1
4-Bromofluorobenzene (Surr)	93		69 - 120		05/11/17 14:49	1
Dibromofluoromethane (Surr)	83		69 - 124		05/11/17 14:49	1
Toluene-d8 (Surr)	93		73 - 120		05/11/17 14:49	1

Client Sample Results

Client: AECOM, Inc.
Project/Site: BP Sanborn

TestAmerica Job ID: 240-79083-1

Client Sample ID: B-12M

Date Collected: 05/02/17 12:50

Date Received: 05/04/17 09:30

Lab Sample ID: 240-79083-3

Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	1.1	J	4.0	0.92	ug/L			05/11/17 15:12	4
1,1-Dichloroethane	ND		4.0	1.0	ug/L			05/11/17 15:12	4
1,1-Dichloroethene	ND		4.0	1.1	ug/L			05/11/17 15:12	4
Carbon tetrachloride	ND		4.0	1.4	ug/L			05/11/17 15:12	4
Chloroform	ND		4.0	1.2	ug/L			05/11/17 15:12	4
cis-1,2-Dichloroethene	14		4.0	1.2	ug/L			05/11/17 15:12	4
Methylene Chloride	ND		4.0	2.1	ug/L			05/11/17 15:12	4
Tetrachloroethene	ND		4.0	1.2	ug/L			05/11/17 15:12	4
trans-1,2-Dichloroethene	ND		4.0	1.2	ug/L			05/11/17 15:12	4
Trichloroethene	140		4.0	1.3	ug/L			05/11/17 15:12	4
Vinyl chloride	ND		4.0	1.8	ug/L			05/11/17 15:12	4

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	93		61 - 138		05/11/17 15:12	4
4-Bromofluorobenzene (Surr)	102		69 - 120		05/11/17 15:12	4
Dibromofluoromethane (Surr)	86		69 - 124		05/11/17 15:12	4
Toluene-d8 (Surr)	104		73 - 120		05/11/17 15:12	4

Client Sample Results

Client: AECOM, Inc.
Project/Site: BP Sanborn

TestAmerica Job ID: 240-79083-1

Client Sample ID: B-07M

Date Collected: 05/02/17 14:20

Date Received: 05/04/17 09:30

Lab Sample ID: 240-79083-4

Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0	0.23	ug/L			05/11/17 15:36	1
1,1-Dichloroethane	ND		1.0	0.25	ug/L			05/11/17 15:36	1
1,1-Dichloroethene	ND		1.0	0.27	ug/L			05/11/17 15:36	1
Carbon tetrachloride	ND		1.0	0.35	ug/L			05/11/17 15:36	1
Chloroform	ND		1.0	0.31	ug/L			05/11/17 15:36	1
cis-1,2-Dichloroethene	0.76	J	1.0	0.30	ug/L			05/11/17 15:36	1
Methylene Chloride	ND		1.0	0.53	ug/L			05/11/17 15:36	1
Tetrachloroethene	ND		1.0	0.30	ug/L			05/11/17 15:36	1
trans-1,2-Dichloroethene	ND		1.0	0.29	ug/L			05/11/17 15:36	1
Trichloroethene	4.5		1.0	0.33	ug/L			05/11/17 15:36	1
Vinyl chloride	ND		1.0	0.45	ug/L			05/11/17 15:36	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	93		61 - 138					05/11/17 15:36	1
4-Bromofluorobenzene (Surr)	80		69 - 120					05/11/17 15:36	1
Dibromofluoromethane (Surr)	82		69 - 124					05/11/17 15:36	1
Toluene-d8 (Surr)	92		73 - 120					05/11/17 15:36	1

Client Sample Results

Client: AECOM, Inc.
Project/Site: BP Sanborn

TestAmerica Job ID: 240-79083-1

Client Sample ID: P-03

Date Collected: 05/02/17 14:45

Date Received: 05/04/17 09:30

Lab Sample ID: 240-79083-5

Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0	0.23	ug/L			05/11/17 15:59	1
1,1-Dichloroethane	ND		1.0	0.25	ug/L			05/11/17 15:59	1
1,1-Dichloroethene	ND		1.0	0.27	ug/L			05/11/17 15:59	1
Carbon tetrachloride	ND		1.0	0.35	ug/L			05/11/17 15:59	1
Chloroform	ND		1.0	0.31	ug/L			05/11/17 15:59	1
cis-1,2-Dichloroethene	33		1.0	0.30	ug/L			05/11/17 15:59	1
Methylene Chloride	ND		1.0	0.53	ug/L			05/11/17 15:59	1
Tetrachloroethene	ND		1.0	0.30	ug/L			05/11/17 15:59	1
trans-1,2-Dichloroethene	2.8		1.0	0.29	ug/L			05/11/17 15:59	1
Trichloroethene	0.78	J	1.0	0.33	ug/L			05/11/17 15:59	1
Vinyl chloride	7.2		1.0	0.45	ug/L			05/11/17 15:59	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	93		61 - 138					05/11/17 15:59	1
4-Bromofluorobenzene (Surr)	104		69 - 120					05/11/17 15:59	1
Dibromofluoromethane (Surr)	85		69 - 124					05/11/17 15:59	1
Toluene-d8 (Surr)	106		73 - 120					05/11/17 15:59	1

Client Sample Results

Client: AECOM, Inc.
Project/Site: BP Sanborn

TestAmerica Job ID: 240-79083-1

Client Sample ID: P-04

Date Collected: 05/02/17 14:55

Date Received: 05/04/17 09:30

Lab Sample ID: 240-79083-6

Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		25	5.8	ug/L			05/11/17 16:22	25
1,1-Dichloroethane	10	J	25	6.3	ug/L			05/11/17 16:22	25
1,1-Dichloroethene	ND		25	6.8	ug/L			05/11/17 16:22	25
Carbon tetrachloride	ND		25	8.8	ug/L			05/11/17 16:22	25
Chloroform	ND		25	7.8	ug/L			05/11/17 16:22	25
cis-1,2-Dichloroethene	250		25	7.5	ug/L			05/11/17 16:22	25
Methylene Chloride	ND		25	13	ug/L			05/11/17 16:22	25
Tetrachloroethene	ND		25	7.5	ug/L			05/11/17 16:22	25
trans-1,2-Dichloroethene	ND		25	7.3	ug/L			05/11/17 16:22	25
Trichloroethene	1200		25	8.3	ug/L			05/11/17 16:22	25
Vinyl chloride	ND		25	11	ug/L			05/11/17 16:22	25

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	93		61 - 138		05/11/17 16:22	25
4-Bromofluorobenzene (Surr)	94		69 - 120		05/11/17 16:22	25
Dibromofluoromethane (Surr)	85		69 - 124		05/11/17 16:22	25
Toluene-d8 (Surr)	102		73 - 120		05/11/17 16:22	25

Client Sample Results

Client: AECOM, Inc.
Project/Site: BP Sanborn

TestAmerica Job ID: 240-79083-1

Client Sample ID: PW-01

Date Collected: 05/02/17 15:10

Date Received: 05/04/17 09:30

Lab Sample ID: 240-79083-7

Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		25	5.8	ug/L			05/11/17 16:45	25
1,1-Dichloroethane	ND		25	6.3	ug/L			05/11/17 16:45	25
1,1-Dichloroethene	ND		25	6.8	ug/L			05/11/17 16:45	25
Carbon tetrachloride	ND		25	8.8	ug/L			05/11/17 16:45	25
Chloroform	ND		25	7.8	ug/L			05/11/17 16:45	25
cis-1,2-Dichloroethene	210		25	7.5	ug/L			05/11/17 16:45	25
Methylene Chloride	ND		25	13	ug/L			05/11/17 16:45	25
Tetrachloroethene	ND		25	7.5	ug/L			05/11/17 16:45	25
trans-1,2-Dichloroethene	ND		25	7.3	ug/L			05/11/17 16:45	25
Trichloroethene	850		25	8.3	ug/L			05/11/17 16:45	25
Vinyl chloride	ND		25	11	ug/L			05/11/17 16:45	25
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	87		61 - 138					05/11/17 16:45	25
4-Bromofluorobenzene (Surr)	92		69 - 120					05/11/17 16:45	25
Dibromofluoromethane (Surr)	83		69 - 124					05/11/17 16:45	25
Toluene-d8 (Surr)	101		73 - 120					05/11/17 16:45	25

Client Sample Results

Client: AECOM, Inc.
Project/Site: BP Sanborn

TestAmerica Job ID: 240-79083-1

Client Sample ID: P-02

Date Collected: 05/02/17 15:50

Date Received: 05/04/17 09:30

Lab Sample ID: 240-79083-8

Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	470		130	29	ug/L			05/11/17 17:09	125
1,1-Dichloroethane	79	J	130	31	ug/L			05/11/17 17:09	125
1,1-Dichloroethene	ND		130	34	ug/L			05/11/17 17:09	125
Carbon tetrachloride	ND		130	44	ug/L			05/11/17 17:09	125
Chloroform	ND		130	39	ug/L			05/11/17 17:09	125
cis-1,2-Dichloroethene	350		130	38	ug/L			05/11/17 17:09	125
Methylene Chloride	ND		130	66	ug/L			05/11/17 17:09	125
Tetrachloroethene	ND		130	38	ug/L			05/11/17 17:09	125
trans-1,2-Dichloroethene	ND		130	36	ug/L			05/11/17 17:09	125
Trichloroethene	4500		130	41	ug/L			05/11/17 17:09	125
Vinyl chloride	ND		130	56	ug/L			05/11/17 17:09	125

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	88		61 - 138		05/11/17 17:09	125
4-Bromofluorobenzene (Surr)	90		69 - 120		05/11/17 17:09	125
Dibromofluoromethane (Surr)	81		69 - 124		05/11/17 17:09	125
Toluene-d8 (Surr)	102		73 - 120		05/11/17 17:09	125

Client Sample Results

Client: AECOM, Inc.
Project/Site: BP Sanborn

TestAmerica Job ID: 240-79083-1

Client Sample ID: PW-04

Date Collected: 05/02/17 16:00

Date Received: 05/04/17 09:30

Lab Sample ID: 240-79083-9

Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0	0.23	ug/L			05/11/17 17:32	1
1,1-Dichloroethane	ND		1.0	0.25	ug/L			05/11/17 17:32	1
1,1-Dichloroethene	ND		1.0	0.27	ug/L			05/11/17 17:32	1
Carbon tetrachloride	ND		1.0	0.35	ug/L			05/11/17 17:32	1
Chloroform	ND		1.0	0.31	ug/L			05/11/17 17:32	1
cis-1,2-Dichloroethene	1.6		1.0	0.30	ug/L			05/11/17 17:32	1
Methylene Chloride	ND		1.0	0.53	ug/L			05/11/17 17:32	1
Tetrachloroethene	ND		1.0	0.30	ug/L			05/11/17 17:32	1
trans-1,2-Dichloroethene	ND		1.0	0.29	ug/L			05/11/17 17:32	1
Trichloroethene	20		1.0	0.33	ug/L			05/11/17 17:32	1
Vinyl chloride	ND		1.0	0.45	ug/L			05/11/17 17:32	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	89		61 - 138					05/11/17 17:32	1
4-Bromofluorobenzene (Surr)	90		69 - 120					05/11/17 17:32	1
Dibromofluoromethane (Surr)	83		69 - 124					05/11/17 17:32	1
Toluene-d8 (Surr)	102		73 - 120					05/11/17 17:32	1

Client Sample Results

Client: AECOM, Inc.
Project/Site: BP Sanborn

TestAmerica Job ID: 240-79083-1

Client Sample ID: DUP-05022017

Lab Sample ID: 240-79083-10

Date Collected: 05/02/17 08:00

Matrix: Water

Date Received: 05/04/17 09:30

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.7	0.38	ug/L			05/11/17 17:55	1.67
1,1-Dichloroethane	ND		1.7	0.42	ug/L			05/11/17 17:55	1.67
1,1-Dichloroethene	ND		1.7	0.45	ug/L			05/11/17 17:55	1.67
Carbon tetrachloride	ND		1.7	0.58	ug/L			05/11/17 17:55	1.67
Chloroform	ND		1.7	0.52	ug/L			05/11/17 17:55	1.67
cis-1,2-Dichloroethene	68		1.7	0.50	ug/L			05/11/17 17:55	1.67
Methylene Chloride	ND		1.7	0.89	ug/L			05/11/17 17:55	1.67
Tetrachloroethene	ND		1.7	0.50	ug/L			05/11/17 17:55	1.67
trans-1,2-Dichloroethene	1.7		1.7	0.48	ug/L			05/11/17 17:55	1.67
Trichloroethene	ND		1.7	0.55	ug/L			05/11/17 17:55	1.67
Vinyl chloride	27		1.7	0.75	ug/L			05/11/17 17:55	1.67
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	93		61 - 138					05/11/17 17:55	1.67
4-Bromofluorobenzene (Surr)	90		69 - 120					05/11/17 17:55	1.67
Dibromofluoromethane (Surr)	84		69 - 124					05/11/17 17:55	1.67
Toluene-d8 (Surr)	113		73 - 120					05/11/17 17:55	1.67

Client Sample Results

Client: AECOM, Inc.
Project/Site: BP Sanborn

TestAmerica Job ID: 240-79083-1

Client Sample ID: TB-05022017

Lab Sample ID: 240-79083-11

Date Collected: 05/02/17 00:00

Matrix: Water

Date Received: 05/04/17 09:30

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0	0.23	ug/L			05/11/17 18:18	1
1,1-Dichloroethane	ND		1.0	0.25	ug/L			05/11/17 18:18	1
1,1-Dichloroethene	ND		1.0	0.27	ug/L			05/11/17 18:18	1
Carbon tetrachloride	ND		1.0	0.35	ug/L			05/11/17 18:18	1
Chloroform	ND		1.0	0.31	ug/L			05/11/17 18:18	1
cis-1,2-Dichloroethene	ND		1.0	0.30	ug/L			05/11/17 18:18	1
Methylene Chloride	ND		1.0	0.53	ug/L			05/11/17 18:18	1
Tetrachloroethene	ND		1.0	0.30	ug/L			05/11/17 18:18	1
trans-1,2-Dichloroethene	ND		1.0	0.29	ug/L			05/11/17 18:18	1
Trichloroethene	ND		1.0	0.33	ug/L			05/11/17 18:18	1
Vinyl chloride	ND		1.0	0.45	ug/L			05/11/17 18:18	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	92		61 - 138					05/11/17 18:18	1
4-Bromofluorobenzene (Surr)	83		69 - 120					05/11/17 18:18	1
Dibromofluoromethane (Surr)	85		69 - 124					05/11/17 18:18	1
Toluene-d8 (Surr)	105		73 - 120					05/11/17 18:18	1

Surrogate Summary

Client: AECOM, Inc.
Project/Site: BP Sanborn

TestAmerica Job ID: 240-79083-1

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)			
		12DCE (61-138)	BFB (69-120)	DBFM (69-124)	TOL (73-120)
240-79083-1	B-18M	91	80	83	97
240-79083-2	B-48M	93	93	83	93
240-79083-2 MS	B-48M	96	97	86	105
240-79083-2 MSD	B-48M	90	98	85	106
240-79083-3	B-12M	93	102	86	104
240-79083-4	B-07M	93	80	82	92
240-79083-5	P-03	93	104	85	106
240-79083-6	P-04	93	94	85	102
240-79083-7	PW-01	87	92	83	101
240-79083-8	P-02	88	90	81	102
240-79083-9	PW-04	89	90	83	102
240-79083-10	DUP-05022017	93	90	84	113
240-79083-11	TB-05022017	92	83	85	105
LCS 240-278480/4	Lab Control Sample	88	95	87	104
MB 240-278480/7	Method Blank	85	89	84	95

Surrogate Legend

12DCE = 1,2-Dichloroethane-d4 (Surr)

BFB = 4-Bromofluorobenzene (Surr)

DBFM = Dibromofluoromethane (Surr)

TOL = Toluene-d8 (Surr)

QC Sample Results

Client: AECOM, Inc.
Project/Site: BP Sanborn

TestAmerica Job ID: 240-79083-1

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

Lab Sample ID: MB 240-278480/7

Matrix: Water

Analysis Batch: 278480

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	0.23	ug/L			05/11/17 11:17	1
1,1-Dichloroethane	ND		1.0	0.25	ug/L			05/11/17 11:17	1
1,1-Dichloroethene	ND		1.0	0.27	ug/L			05/11/17 11:17	1
Carbon tetrachloride	ND		1.0	0.35	ug/L			05/11/17 11:17	1
Chloroform	ND		1.0	0.31	ug/L			05/11/17 11:17	1
cis-1,2-Dichloroethene	ND		1.0	0.30	ug/L			05/11/17 11:17	1
Methylene Chloride	0.637	J	1.0	0.53	ug/L			05/11/17 11:17	1
Tetrachloroethene	ND		1.0	0.30	ug/L			05/11/17 11:17	1
trans-1,2-Dichloroethene	ND		1.0	0.29	ug/L			05/11/17 11:17	1
Trichloroethene	ND		1.0	0.33	ug/L			05/11/17 11:17	1
Vinyl chloride	ND		1.0	0.45	ug/L			05/11/17 11:17	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	85		61 - 138		05/11/17 11:17	1
4-Bromofluorobenzene (Surr)	89		69 - 120		05/11/17 11:17	1
Dibromofluoromethane (Surr)	84		69 - 124		05/11/17 11:17	1
Toluene-d8 (Surr)	95		73 - 120		05/11/17 11:17	1

Lab Sample ID: LCS 240-278480/4

Matrix: Water

Analysis Batch: 278480

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
1,1,1-Trichloroethane	20.0	18.2		ug/L		91	64 - 147
1,1-Dichloroethane	20.0	20.0		ug/L		100	74 - 120
1,1-Dichloroethene	20.0	18.4		ug/L		92	65 - 127
Carbon tetrachloride	20.0	17.0		ug/L		85	55 - 171
Chloroform	20.0	18.2		ug/L		91	80 - 120
cis-1,2-Dichloroethene	20.0	18.9		ug/L		94	77 - 120
Methylene Chloride	20.0	19.0		ug/L		95	64 - 140
Tetrachloroethene	20.0	20.4		ug/L		102	80 - 122
trans-1,2-Dichloroethene	20.0	19.7		ug/L		98	74 - 124
Trichloroethene	20.0	17.9		ug/L		90	76 - 124
Vinyl chloride	20.0	19.6		ug/L		98	65 - 124

Surrogate	LCS %Recovery	LCS Qualifier	Limits
1,2-Dichloroethane-d4 (Surr)	88		61 - 138
4-Bromofluorobenzene (Surr)	95		69 - 120
Dibromofluoromethane (Surr)	87		69 - 124
Toluene-d8 (Surr)	104		73 - 120

Lab Sample ID: 240-79083-2 MS

Matrix: Water

Analysis Batch: 278480

Client Sample ID: B-48M

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
1,1,1-Trichloroethane	ND		20.0	15.7		ug/L		78	57 - 156

TestAmerica Canton

QC Sample Results

Client: AECOM, Inc.
Project/Site: BP Sanborn

TestAmerica Job ID: 240-79083-1

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

Lab Sample ID: 240-79083-2 MS

Matrix: Water

Analysis Batch: 278480

Client Sample ID: B-48M

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
1,1-Dichloroethane	ND		20.0	17.2		ug/L		86	69 - 122
1,1-Dichloroethene	ND		20.0	18.6		ug/L		93	62 - 127
Carbon tetrachloride	ND		20.0	15.4		ug/L		77	53 - 175
Chloroform	ND		20.0	16.0		ug/L		80	74 - 125
cis-1,2-Dichloroethene	ND		20.0	16.3		ug/L		82	69 - 127
Methylene Chloride	ND		20.0	15.5		ug/L		77	52 - 137
Tetrachloroethene	ND		20.0	17.7		ug/L		88	69 - 126
trans-1,2-Dichloroethene	ND		20.0	17.2		ug/L		86	66 - 131
Trichloroethene	0.57	J	20.0	16.0		ug/L		77	68 - 129
Vinyl chloride	ND		20.0	18.1		ug/L		91	55 - 123

Surrogate	MS %Recovery	MS Qualifier	MS Limits
1,2-Dichloroethane-d4 (Surr)	96		61 - 138
4-Bromofluorobenzene (Surr)	97		69 - 120
Dibromofluoromethane (Surr)	86		69 - 124
Toluene-d8 (Surr)	105		73 - 120

Lab Sample ID: 240-79083-2 MSD

Matrix: Water

Analysis Batch: 278480

Client Sample ID: B-48M

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
1,1,1-Trichloroethane	ND		20.0	15.8		ug/L		79	57 - 156	1	13
1,1-Dichloroethane	ND		20.0	17.9		ug/L		90	69 - 122	4	11
1,1-Dichloroethene	ND		20.0	17.9		ug/L		90	62 - 127	4	14
Carbon tetrachloride	ND		20.0	14.9		ug/L		75	53 - 175	3	17
Chloroform	ND		20.0	16.5		ug/L		83	74 - 125	3	11
cis-1,2-Dichloroethene	ND		20.0	16.7		ug/L		84	69 - 127	2	11
Methylene Chloride	ND		20.0	16.4		ug/L		82	52 - 137	6	12
Tetrachloroethene	ND		20.0	18.2		ug/L		91	69 - 126	3	18
trans-1,2-Dichloroethene	ND		20.0	17.3		ug/L		86	66 - 131	1	11
Trichloroethene	0.57	J	20.0	16.4		ug/L		79	68 - 129	3	12
Vinyl chloride	ND		20.0	18.0		ug/L		90	55 - 123	1	12

Surrogate	MSD %Recovery	MSD Qualifier	MSD Limits
1,2-Dichloroethane-d4 (Surr)	90		61 - 138
4-Bromofluorobenzene (Surr)	98		69 - 120
Dibromofluoromethane (Surr)	85		69 - 124
Toluene-d8 (Surr)	106		73 - 120

TestAmerica Canton

QC Association Summary

Client: AECOM, Inc.
Project/Site: BP Sanborn

TestAmerica Job ID: 240-79083-1

GC/MS VOA

Analysis Batch: 278480

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-79083-1	B-18M	Total/NA	Water	8260C	
240-79083-2	B-48M	Total/NA	Water	8260C	
240-79083-3	B-12M	Total/NA	Water	8260C	
240-79083-4	B-07M	Total/NA	Water	8260C	
240-79083-5	P-03	Total/NA	Water	8260C	
240-79083-6	P-04	Total/NA	Water	8260C	
240-79083-7	PW-01	Total/NA	Water	8260C	
240-79083-8	P-02	Total/NA	Water	8260C	
240-79083-9	PW-04	Total/NA	Water	8260C	
240-79083-10	DUP-05022017	Total/NA	Water	8260C	
240-79083-11	TB-05022017	Total/NA	Water	8260C	
MB 240-278480/7	Method Blank	Total/NA	Water	8260C	
LCS 240-278480/4	Lab Control Sample	Total/NA	Water	8260C	
240-79083-2 MS	B-48M	Total/NA	Water	8260C	
240-79083-2 MSD	B-48M	Total/NA	Water	8260C	

Lab Chronicle

Client: AECOM, Inc.
Project/Site: BP Sanborn

TestAmerica Job ID: 240-79083-1

Client Sample ID: B-18M

Date Collected: 05/02/17 10:10

Date Received: 05/04/17 09:30

Lab Sample ID: 240-79083-1

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1.67	278480	05/11/17 14:26	HMB	TAL CAN

Client Sample ID: B-48M

Date Collected: 05/02/17 11:50

Date Received: 05/04/17 09:30

Lab Sample ID: 240-79083-2

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	278480	05/11/17 14:49	HMB	TAL CAN

Client Sample ID: B-12M

Date Collected: 05/02/17 12:50

Date Received: 05/04/17 09:30

Lab Sample ID: 240-79083-3

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		4	278480	05/11/17 15:12	HMB	TAL CAN

Client Sample ID: B-07M

Date Collected: 05/02/17 14:20

Date Received: 05/04/17 09:30

Lab Sample ID: 240-79083-4

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	278480	05/11/17 15:36	HMB	TAL CAN

Client Sample ID: P-03

Date Collected: 05/02/17 14:45

Date Received: 05/04/17 09:30

Lab Sample ID: 240-79083-5

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	278480	05/11/17 15:59	HMB	TAL CAN

Client Sample ID: P-04

Date Collected: 05/02/17 14:55

Date Received: 05/04/17 09:30

Lab Sample ID: 240-79083-6

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		25	278480	05/11/17 16:22	HMB	TAL CAN

TestAmerica Canton

Lab Chronicle

Client: AECOM, Inc.
Project/Site: BP Sanborn

TestAmerica Job ID: 240-79083-1

Client Sample ID: PW-01

Date Collected: 05/02/17 15:10

Date Received: 05/04/17 09:30

Lab Sample ID: 240-79083-7

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		25	278480	05/11/17 16:45	HMB	TAL CAN

Client Sample ID: P-02

Date Collected: 05/02/17 15:50

Date Received: 05/04/17 09:30

Lab Sample ID: 240-79083-8

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		125	278480	05/11/17 17:09	HMB	TAL CAN

Client Sample ID: PW-04

Date Collected: 05/02/17 16:00

Date Received: 05/04/17 09:30

Lab Sample ID: 240-79083-9

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	278480	05/11/17 17:32	HMB	TAL CAN

Client Sample ID: DUP-05022017

Date Collected: 05/02/17 08:00

Date Received: 05/04/17 09:30

Lab Sample ID: 240-79083-10

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1.67	278480	05/11/17 17:55	HMB	TAL CAN

Client Sample ID: TB-05022017

Date Collected: 05/02/17 00:00

Date Received: 05/04/17 09:30

Lab Sample ID: 240-79083-11

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	278480	05/11/17 18:18	HMB	TAL CAN

Laboratory References:

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

Accreditation/Certification Summary

Client: AECOM, Inc.
Project/Site: BP Sanborn

TestAmerica Job ID: 240-79083-1

Laboratory: TestAmerica Canton

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

Authority	Program	EPA Region	Identification Number	Expiration Date
New York	NELAP	2	10975	03-31-18

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1.6 / C1.3

Laboratory Management Program LaMP Chain of Custody Record

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: TestAmerica 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:
 Lab PM: Patrick O'Meara Lead Regulatory Agency: NYSDEC Address: 257 West Genesee St., Suite 400 Buffalo, NY 14202
 Lab Phone: 330-497-9396 California Global ID No.: Consultant/Contractor PM: James Kaczor
 Lab Shipping Acct: Envios 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: State % Activity: Invoice To: BP/ARC Contractor X

Lab No.	Sample Description	Date	Time	Matrix			Total Number of Containers	No. Containers / Preservative				Requested Analyses		Report Type & QC Level
				Soil / Solid	Water / Liquid	Air / Vapor		Unpreserved	H ₂ SO ₄	HNO ₃	HCl	8260C	Standard	
B-18M		5/2/2017	10:10	X			3				X			Note: If sample not collected, indicate "No Sample" in comments and single-strike out and initial any preprinted sample description. MS/MSD Collected
B-48M		5/2/2017	11:50	X			9				X			
B-12M		5/2/2017	12:50	X			3				X			
B-07M		5/2/2017	14:20	X			3				X			
P-03		5/2/2017	14:45	X			3				X			
P-04		5/2/2017	14:55	X			3				X			
PW-01		5/2/2017	15:10	X			3				X			
P-02		5/2/2017	15:50	X			3				X			
PW-04		5/2/2017	16:00	X			3				X			
DUP-05022017		5/2/2017	8:00	X			3				X			
TB-05022017		5/2/2017		X			3				X			



Relinquished By / Affiliation: *[Signature]* AECOM Date: 5-2-17 Time: 17:20
 Rejected By / Affiliation: *[Signature]* AECOM Date: 5/3/17 Time: 16:00
 Accepted By / Affiliation: *[Signature]* Date: 5/2/17 Time: 17:20
 Date: 05/04/17 Time: 9:30

Sampler's Name: Ernest Thalhammer
 Sampler's Company: AECOM
 Shipment Method: Drop off at TA-Buffalo Ship Date:
 Shipment Tracking No:

Special Instructions: Please Bill Sanborn Samples to AECOM, PO#83588
 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



TestAmerica Canton Sample Receipt Form/Narrative

Login # : 79083

Canton Facility

Client AECOM Site Name _____

Cooler unpacked by: JD

Cooler Received on 05/04/17 Opened on 05/04/17

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

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

TestAmerica Cooler # _____ Foam Box Client Cooler Box Other _____
Packing material used: Bubble Wrap Foam Plastic Bag None Other _____
COOLANT: Water Blue Ice Dry Ice Water None

- 1. Cooler temperature upon receipt See Multiple Cooler Form
IR GUN# IR-8 (CF -0.3 °C) Observed Cooler Temp. 1.6 °C Corrected Cooler Temp. 1.3 °C
IR GUN #36 (CF +0.8 °C) Observed Cooler Temp. _____ °C Corrected Cooler Temp. _____ °C
- 2. Were custody seals on the outside of the cooler(s)? If Yes Quantity 1 Yes No
-Were custody seals on the outside of the cooler(s) signed & dated? Yes No NA
-Were custody seals on the bottle(s) or bottle kits (LLHg/MeHg)? Yes No
- 3. Shippers' packing slip attached to the cooler(s)? Yes No
- 4. Did custody papers accompany the sample(s)? Yes No
- 5. Were the custody papers relinquished & signed in the appropriate place? Yes No
- 6. Was/were the person(s) who collected the samples clearly identified on the COC? Yes No
- 7. Did all bottles arrive in good condition (Unbroken)? Yes No
- 8. Could all bottle labels be reconciled with the COC? Yes No
- 9. Were correct bottle(s) used for the test(s) indicated? Yes No
- 10. Sufficient quantity received to perform indicated analyses? Yes No
- 11. Are these work share samples? Yes No
- If yes, Questions 11-15 have been checked at the originating laboratory.
- 11. Were sample(s) at the correct pH upon receipt? Yes No NA pH Strip Lot# HC697954
- 12. Were VOAs on the COC? Yes No
- 13. Were air bubbles >6 mm in any VOA vials? ● Larger than this. Yes No NA
- 14. Was a VOA trip blank present in the cooler(s)? Trip Blank Lot # _____ Yes No
- 15. Was a LL Hg or Me Hg trip blank present? Yes No

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

Concerning _____

16. CHAIN OF CUSTODY & SAMPLE DISCREPANCIES

Samples processed by: _____

17. 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)

18. SAMPLE PRESERVATION

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

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

Ref: SOP NC-SC-0005, Sample Receiving
\\tacorp\corp\QA\QA_Facilities\Canton-QA\Document-Management\Work-Instruction\Word Version Work Instructions\WI-NC-099-042717 Cooler Receipt Form.doc djl

TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

ANALYTICAL REPORT

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

TestAmerica Job ID: 240-79160-1
Client Project/Site: BP Sanborn

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

Attn: George Kisluk



Authorized for release by:
5/19/2017 10:03:11 AM

Amy McCormick, Project Manager II
(330)966-9787
amy.mccormick@testamericainc.com

LINKS

Review your project
results through
TotalAccess

Have a Question?



Visit us at:
www.testamericainc.com

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

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

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Definitions/Glossary

Client: AECOM, Inc.
Project/Site: BP Sanborn

TestAmerica Job ID: 240-79160-1

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.
F2	MS/MSD RPD exceeds control limits

Glossary

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

Case Narrative

Client: AECOM, Inc.
Project/Site: BP Sanborn

TestAmerica Job ID: 240-79160-1

Job ID: 240-79160-1

Laboratory: TestAmerica Canton

Narrative

CASE NARRATIVE

Client: AECOM, Inc.

Project: BP Sanborn

Report Number: 240-79160-1

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.

TestAmerica Canton attests to the validity of the laboratory data generated by TestAmerica facilities reported herein. All analyses performed by TestAmerica facilities were done using established laboratory SOPs that incorporate QA/QC procedures described in the application methods. 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 TestAmerica and its client.

RECEIPT

The samples were received on 5/5/2017 9:30 AM; the samples arrived in good condition, properly preserved and, where required, on ice. The temperature of the cooler at receipt was 1.5° C.

VOLATILE ORGANIC COMPOUNDS (GCMS)

Samples B-14M (240-79160-1), B-29M (240-79160-2), B-23M (240-79160-3), B-24M (240-79160-4), B-56M (240-79160-5), T-002 LAB COMP (240-79160-6), B-52M (240-79160-7), B-53M (240-79160-8), B-50M (240-79160-9), B-06M (240-79160-10) and TB-05032017 (240-79160-11) were analyzed for volatile organic compounds (GCMS) in accordance with EPA SW-846 Method 8260C. The samples were analyzed on 05/12/2017.

Samples B-23M (240-79160-3)[2.5X], B-56M (240-79160-5)[10X], T-002 LAB COMP (240-79160-6)[10X], B-50M (240-79160-9)[2.5X] and B-06M (240-79160-10)[6.25X] required dilution prior to analysis. The reporting limits have been adjusted accordingly.

1,1-Dichloroethane exceeded the RPD limit for the MSD of sample B-56MMSD (240-79160-5) in batch 240-278653.

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

Method Summary

Client: AECOM, Inc.
Project/Site: BP Sanborn

TestAmerica Job ID: 240-79160-1

Method	Method Description	Protocol	Laboratory
8260C	Volatile Organic Compounds by GC/MS	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 = TestAmerica Canton, 4101 Shuffel Street NW, North Canton, OH 44720, TEL (330)497-9396

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- 12
- 13
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Sample Summary

Client: AECOM, Inc.
Project/Site: BP Sanborn

TestAmerica Job ID: 240-79160-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
240-79160-1	B-14M	Water	05/03/17 09:05	05/05/17 09:30
240-79160-2	B-29M	Water	05/03/17 11:20	05/05/17 09:30
240-79160-3	B-23M	Water	05/03/17 12:20	05/05/17 09:30
240-79160-4	B-24M	Water	05/03/17 13:25	05/05/17 09:30
240-79160-5	B-56M	Water	05/03/17 13:55	05/05/17 09:30
240-79160-6	T-002 LAB COMP	Water	05/03/17 14:00	05/05/17 09:30
240-79160-7	B-52M	Water	05/04/17 09:30	05/05/17 09:30
240-79160-8	B-53M	Water	05/04/17 10:20	05/05/17 09:30
240-79160-9	B-50M	Water	05/04/17 11:25	05/05/17 09:30
240-79160-10	B-06M	Water	05/04/17 12:10	05/05/17 09:30
240-79160-11	TB-05032017	Water	05/03/17 00:00	05/05/17 09:30



Detection Summary

Client: AECOM, Inc.
Project/Site: BP Sanborn

TestAmerica Job ID: 240-79160-1

Client Sample ID: B-14M

Lab Sample ID: 240-79160-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
cis-1,2-Dichloroethene	2.2		1.0	0.30	ug/L	1		8260C	Total/NA
Tetrachloroethene	0.32	J	1.0	0.30	ug/L	1		8260C	Total/NA
Trichloroethene	39		1.0	0.33	ug/L	1		8260C	Total/NA

Client Sample ID: B-29M

Lab Sample ID: 240-79160-2

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
cis-1,2-Dichloroethene	1.1		1.0	0.30	ug/L	1		8260C	Total/NA

Client Sample ID: B-23M

Lab Sample ID: 240-79160-3

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,1,1-Trichloroethane	0.58	J	2.5	0.58	ug/L	2.5		8260C	Total/NA
1,1-Dichloroethane	1.1	J	2.5	0.63	ug/L	2.5		8260C	Total/NA
cis-1,2-Dichloroethene	76		2.5	0.75	ug/L	2.5		8260C	Total/NA
trans-1,2-Dichloroethene	2.7		2.5	0.73	ug/L	2.5		8260C	Total/NA
Trichloroethene	86		2.5	0.83	ug/L	2.5		8260C	Total/NA
Vinyl chloride	8.8		2.5	1.1	ug/L	2.5		8260C	Total/NA

Client Sample ID: B-24M

Lab Sample ID: 240-79160-4

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
cis-1,2-Dichloroethene	1.8		1.0	0.30	ug/L	1		8260C	Total/NA
Trichloroethene	4.2		1.0	0.33	ug/L	1		8260C	Total/NA

Client Sample ID: B-56M

Lab Sample ID: 240-79160-5

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
cis-1,2-Dichloroethene	26		10	3.0	ug/L	10		8260C	Total/NA
Trichloroethene	290		10	3.3	ug/L	10		8260C	Total/NA

Client Sample ID: T-002 LAB COMP

Lab Sample ID: 240-79160-6

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,1-Dichloroethane	3.5	J	10	2.5	ug/L	10		8260C	Total/NA
cis-1,2-Dichloroethene	180		10	3.0	ug/L	10		8260C	Total/NA
Trichloroethene	300		10	3.3	ug/L	10		8260C	Total/NA
Vinyl chloride	8.6	J	10	4.5	ug/L	10		8260C	Total/NA

Client Sample ID: B-52M

Lab Sample ID: 240-79160-7

No Detections.

Client Sample ID: B-53M

Lab Sample ID: 240-79160-8

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
cis-1,2-Dichloroethene	2.2		1.0	0.30	ug/L	1		8260C	Total/NA
Trichloroethene	3.7		1.0	0.33	ug/L	1		8260C	Total/NA
Vinyl chloride	0.61	J	1.0	0.45	ug/L	1		8260C	Total/NA

This Detection Summary does not include radiochemical test results.

TestAmerica Canton

Detection Summary

Client: AECOM, Inc.
Project/Site: BP Sanborn

TestAmerica Job ID: 240-79160-1

Client Sample ID: B-50M

Lab Sample ID: 240-79160-9

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
cis-1,2-Dichloroethene	17		2.5	0.75	ug/L	2.5		8260C	Total/NA
trans-1,2-Dichloroethene	1.3	J	2.5	0.73	ug/L	2.5		8260C	Total/NA
Trichloroethene	75		2.5	0.83	ug/L	2.5		8260C	Total/NA

Client Sample ID: B-06M

Lab Sample ID: 240-79160-10

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
cis-1,2-Dichloroethene	13		6.3	1.9	ug/L	6.25		8260C	Total/NA
Trichloroethene	180		6.3	2.1	ug/L	6.25		8260C	Total/NA

Client Sample ID: TB-05032017

Lab Sample ID: 240-79160-11

No Detections.

This Detection Summary does not include radiochemical test results.

TestAmerica Canton

Client Sample Results

Client: AECOM, Inc.
Project/Site: BP Sanborn

TestAmerica Job ID: 240-79160-1

Client Sample ID: B-14M

Date Collected: 05/03/17 09:05

Date Received: 05/05/17 09:30

Lab Sample ID: 240-79160-1

Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0	0.23	ug/L			05/12/17 12:03	1
1,1-Dichloroethane	ND		1.0	0.25	ug/L			05/12/17 12:03	1
1,1-Dichloroethene	ND		1.0	0.27	ug/L			05/12/17 12:03	1
Carbon tetrachloride	ND		1.0	0.35	ug/L			05/12/17 12:03	1
Chloroform	ND		1.0	0.31	ug/L			05/12/17 12:03	1
cis-1,2-Dichloroethene	2.2		1.0	0.30	ug/L			05/12/17 12:03	1
Methylene Chloride	ND		1.0	0.53	ug/L			05/12/17 12:03	1
Tetrachloroethene	0.32	J	1.0	0.30	ug/L			05/12/17 12:03	1
trans-1,2-Dichloroethene	ND		1.0	0.29	ug/L			05/12/17 12:03	1
Trichloroethene	39		1.0	0.33	ug/L			05/12/17 12:03	1
Vinyl chloride	ND		1.0	0.45	ug/L			05/12/17 12:03	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	92		61 - 138					05/12/17 12:03	1
4-Bromofluorobenzene (Surr)	98		69 - 120					05/12/17 12:03	1
Dibromofluoromethane (Surr)	83		69 - 124					05/12/17 12:03	1
Toluene-d8 (Surr)	98		73 - 120					05/12/17 12:03	1

Client Sample Results

Client: AECOM, Inc.
Project/Site: BP Sanborn

TestAmerica Job ID: 240-79160-1

Client Sample ID: B-29M

Date Collected: 05/03/17 11:20

Date Received: 05/05/17 09:30

Lab Sample ID: 240-79160-2

Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0	0.23	ug/L			05/12/17 12:26	1
1,1-Dichloroethane	ND		1.0	0.25	ug/L			05/12/17 12:26	1
1,1-Dichloroethene	ND		1.0	0.27	ug/L			05/12/17 12:26	1
Carbon tetrachloride	ND		1.0	0.35	ug/L			05/12/17 12:26	1
Chloroform	ND		1.0	0.31	ug/L			05/12/17 12:26	1
cis-1,2-Dichloroethene	1.1		1.0	0.30	ug/L			05/12/17 12:26	1
Methylene Chloride	ND		1.0	0.53	ug/L			05/12/17 12:26	1
Tetrachloroethene	ND		1.0	0.30	ug/L			05/12/17 12:26	1
trans-1,2-Dichloroethene	ND		1.0	0.29	ug/L			05/12/17 12:26	1
Trichloroethene	ND		1.0	0.33	ug/L			05/12/17 12:26	1
Vinyl chloride	ND		1.0	0.45	ug/L			05/12/17 12:26	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	90		61 - 138					05/12/17 12:26	1
4-Bromofluorobenzene (Surr)	93		69 - 120					05/12/17 12:26	1
Dibromofluoromethane (Surr)	81		69 - 124					05/12/17 12:26	1
Toluene-d8 (Surr)	104		73 - 120					05/12/17 12:26	1

Client Sample Results

Client: AECOM, Inc.
Project/Site: BP Sanborn

TestAmerica Job ID: 240-79160-1

Client Sample ID: B-23M

Date Collected: 05/03/17 12:20

Date Received: 05/05/17 09:30

Lab Sample ID: 240-79160-3

Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.58	J	2.5	0.58	ug/L			05/12/17 12:50	2.5
1,1-Dichloroethane	1.1	J	2.5	0.63	ug/L			05/12/17 12:50	2.5
1,1-Dichloroethene	ND		2.5	0.68	ug/L			05/12/17 12:50	2.5
Carbon tetrachloride	ND		2.5	0.88	ug/L			05/12/17 12:50	2.5
Chloroform	ND		2.5	0.78	ug/L			05/12/17 12:50	2.5
cis-1,2-Dichloroethene	76		2.5	0.75	ug/L			05/12/17 12:50	2.5
Methylene Chloride	ND		2.5	1.3	ug/L			05/12/17 12:50	2.5
Tetrachloroethene	ND		2.5	0.75	ug/L			05/12/17 12:50	2.5
trans-1,2-Dichloroethene	2.7		2.5	0.73	ug/L			05/12/17 12:50	2.5
Trichloroethene	86		2.5	0.83	ug/L			05/12/17 12:50	2.5
Vinyl chloride	8.8		2.5	1.1	ug/L			05/12/17 12:50	2.5
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	90		61 - 138					05/12/17 12:50	2.5
4-Bromofluorobenzene (Surr)	93		69 - 120					05/12/17 12:50	2.5
Dibromofluoromethane (Surr)	83		69 - 124					05/12/17 12:50	2.5
Toluene-d8 (Surr)	106		73 - 120					05/12/17 12:50	2.5

Client Sample Results

Client: AECOM, Inc.
Project/Site: BP Sanborn

TestAmerica Job ID: 240-79160-1

Client Sample ID: B-24M

Date Collected: 05/03/17 13:25

Date Received: 05/05/17 09:30

Lab Sample ID: 240-79160-4

Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0	0.23	ug/L			05/12/17 13:13	1
1,1-Dichloroethane	ND		1.0	0.25	ug/L			05/12/17 13:13	1
1,1-Dichloroethene	ND		1.0	0.27	ug/L			05/12/17 13:13	1
Carbon tetrachloride	ND		1.0	0.35	ug/L			05/12/17 13:13	1
Chloroform	ND		1.0	0.31	ug/L			05/12/17 13:13	1
cis-1,2-Dichloroethene	1.8		1.0	0.30	ug/L			05/12/17 13:13	1
Methylene Chloride	ND		1.0	0.53	ug/L			05/12/17 13:13	1
Tetrachloroethene	ND		1.0	0.30	ug/L			05/12/17 13:13	1
trans-1,2-Dichloroethene	ND		1.0	0.29	ug/L			05/12/17 13:13	1
Trichloroethene	4.2		1.0	0.33	ug/L			05/12/17 13:13	1
Vinyl chloride	ND		1.0	0.45	ug/L			05/12/17 13:13	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	87		61 - 138					05/12/17 13:13	1
4-Bromofluorobenzene (Surr)	94		69 - 120					05/12/17 13:13	1
Dibromofluoromethane (Surr)	82		69 - 124					05/12/17 13:13	1
Toluene-d8 (Surr)	105		73 - 120					05/12/17 13:13	1

Client Sample Results

Client: AECOM, Inc.
Project/Site: BP Sanborn

TestAmerica Job ID: 240-79160-1

Client Sample ID: B-56M

Date Collected: 05/03/17 13:55

Date Received: 05/05/17 09:30

Lab Sample ID: 240-79160-5

Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		10	2.3	ug/L			05/12/17 13:36	10
1,1-Dichloroethane	ND	F2	10	2.5	ug/L			05/12/17 13:36	10
1,1-Dichloroethene	ND		10	2.7	ug/L			05/12/17 13:36	10
Carbon tetrachloride	ND		10	3.5	ug/L			05/12/17 13:36	10
Chloroform	ND		10	3.1	ug/L			05/12/17 13:36	10
cis-1,2-Dichloroethene	26		10	3.0	ug/L			05/12/17 13:36	10
Methylene Chloride	ND		10	5.3	ug/L			05/12/17 13:36	10
Tetrachloroethene	ND		10	3.0	ug/L			05/12/17 13:36	10
trans-1,2-Dichloroethene	ND		10	2.9	ug/L			05/12/17 13:36	10
Trichloroethene	290		10	3.3	ug/L			05/12/17 13:36	10
Vinyl chloride	ND		10	4.5	ug/L			05/12/17 13:36	10

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	88		61 - 138		05/12/17 13:36	10
4-Bromofluorobenzene (Surr)	93		69 - 120		05/12/17 13:36	10
Dibromofluoromethane (Surr)	82		69 - 124		05/12/17 13:36	10
Toluene-d8 (Surr)	103		73 - 120		05/12/17 13:36	10

Client Sample Results

Client: AECOM, Inc.
Project/Site: BP Sanborn

TestAmerica Job ID: 240-79160-1

Client Sample ID: T-002 LAB COMP

Lab Sample ID: 240-79160-6

Date Collected: 05/03/17 14:00

Matrix: Water

Date Received: 05/05/17 09:30

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		10	2.3	ug/L			05/12/17 14:00	10
1,1-Dichloroethane	3.5	J	10	2.5	ug/L			05/12/17 14:00	10
1,1-Dichloroethene	ND		10	2.7	ug/L			05/12/17 14:00	10
Carbon tetrachloride	ND		10	3.5	ug/L			05/12/17 14:00	10
Chloroform	ND		10	3.1	ug/L			05/12/17 14:00	10
cis-1,2-Dichloroethene	180		10	3.0	ug/L			05/12/17 14:00	10
Methylene Chloride	ND		10	5.3	ug/L			05/12/17 14:00	10
Tetrachloroethene	ND		10	3.0	ug/L			05/12/17 14:00	10
trans-1,2-Dichloroethene	ND		10	2.9	ug/L			05/12/17 14:00	10
Trichloroethene	300		10	3.3	ug/L			05/12/17 14:00	10
Vinyl chloride	8.6	J	10	4.5	ug/L			05/12/17 14:00	10
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	89		61 - 138					05/12/17 14:00	10
4-Bromofluorobenzene (Surr)	94		69 - 120					05/12/17 14:00	10
Dibromofluoromethane (Surr)	82		69 - 124					05/12/17 14:00	10
Toluene-d8 (Surr)	106		73 - 120					05/12/17 14:00	10

Client Sample Results

Client: AECOM, Inc.
Project/Site: BP Sanborn

TestAmerica Job ID: 240-79160-1

Client Sample ID: B-52M

Date Collected: 05/04/17 09:30

Date Received: 05/05/17 09:30

Lab Sample ID: 240-79160-7

Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0	0.23	ug/L			05/12/17 14:23	1
1,1-Dichloroethane	ND		1.0	0.25	ug/L			05/12/17 14:23	1
1,1-Dichloroethene	ND		1.0	0.27	ug/L			05/12/17 14:23	1
Carbon tetrachloride	ND		1.0	0.35	ug/L			05/12/17 14:23	1
Chloroform	ND		1.0	0.31	ug/L			05/12/17 14:23	1
cis-1,2-Dichloroethene	ND		1.0	0.30	ug/L			05/12/17 14:23	1
Methylene Chloride	ND		1.0	0.53	ug/L			05/12/17 14:23	1
Tetrachloroethene	ND		1.0	0.30	ug/L			05/12/17 14:23	1
trans-1,2-Dichloroethene	ND		1.0	0.29	ug/L			05/12/17 14:23	1
Trichloroethene	ND		1.0	0.33	ug/L			05/12/17 14:23	1
Vinyl chloride	ND		1.0	0.45	ug/L			05/12/17 14:23	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	89		61 - 138					05/12/17 14:23	1
4-Bromofluorobenzene (Surr)	94		69 - 120					05/12/17 14:23	1
Dibromofluoromethane (Surr)	82		69 - 124					05/12/17 14:23	1
Toluene-d8 (Surr)	105		73 - 120					05/12/17 14:23	1

Client Sample Results

Client: AECOM, Inc.
Project/Site: BP Sanborn

TestAmerica Job ID: 240-79160-1

Client Sample ID: B-53M

Date Collected: 05/04/17 10:20

Date Received: 05/05/17 09:30

Lab Sample ID: 240-79160-8

Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0	0.23	ug/L			05/12/17 14:46	1
1,1-Dichloroethane	ND		1.0	0.25	ug/L			05/12/17 14:46	1
1,1-Dichloroethene	ND		1.0	0.27	ug/L			05/12/17 14:46	1
Carbon tetrachloride	ND		1.0	0.35	ug/L			05/12/17 14:46	1
Chloroform	ND		1.0	0.31	ug/L			05/12/17 14:46	1
cis-1,2-Dichloroethene	2.2		1.0	0.30	ug/L			05/12/17 14:46	1
Methylene Chloride	ND		1.0	0.53	ug/L			05/12/17 14:46	1
Tetrachloroethene	ND		1.0	0.30	ug/L			05/12/17 14:46	1
trans-1,2-Dichloroethene	ND		1.0	0.29	ug/L			05/12/17 14:46	1
Trichloroethene	3.7		1.0	0.33	ug/L			05/12/17 14:46	1
Vinyl chloride	0.61	J	1.0	0.45	ug/L			05/12/17 14:46	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	89		61 - 138					05/12/17 14:46	1
4-Bromofluorobenzene (Surr)	89		69 - 120					05/12/17 14:46	1
Dibromofluoromethane (Surr)	80		69 - 124					05/12/17 14:46	1
Toluene-d8 (Surr)	101		73 - 120					05/12/17 14:46	1

Client Sample Results

Client: AECOM, Inc.
Project/Site: BP Sanborn

TestAmerica Job ID: 240-79160-1

Client Sample ID: B-50M

Date Collected: 05/04/17 11:25

Date Received: 05/05/17 09:30

Lab Sample ID: 240-79160-9

Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		2.5	0.58	ug/L			05/12/17 15:09	2.5
1,1-Dichloroethane	ND		2.5	0.63	ug/L			05/12/17 15:09	2.5
1,1-Dichloroethene	ND		2.5	0.68	ug/L			05/12/17 15:09	2.5
Carbon tetrachloride	ND		2.5	0.88	ug/L			05/12/17 15:09	2.5
Chloroform	ND		2.5	0.78	ug/L			05/12/17 15:09	2.5
cis-1,2-Dichloroethene	17		2.5	0.75	ug/L			05/12/17 15:09	2.5
Methylene Chloride	ND		2.5	1.3	ug/L			05/12/17 15:09	2.5
Tetrachloroethene	ND		2.5	0.75	ug/L			05/12/17 15:09	2.5
trans-1,2-Dichloroethene	1.3	J	2.5	0.73	ug/L			05/12/17 15:09	2.5
Trichloroethene	75		2.5	0.83	ug/L			05/12/17 15:09	2.5
Vinyl chloride	ND		2.5	1.1	ug/L			05/12/17 15:09	2.5

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	89		61 - 138		05/12/17 15:09	2.5
4-Bromofluorobenzene (Surr)	95		69 - 120		05/12/17 15:09	2.5
Dibromofluoromethane (Surr)	81		69 - 124		05/12/17 15:09	2.5
Toluene-d8 (Surr)	106		73 - 120		05/12/17 15:09	2.5

Client Sample Results

Client: AECOM, Inc.
Project/Site: BP Sanborn

TestAmerica Job ID: 240-79160-1

Client Sample ID: B-06M

Date Collected: 05/04/17 12:10

Date Received: 05/05/17 09:30

Lab Sample ID: 240-79160-10

Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		6.3	1.4	ug/L			05/12/17 15:33	6.25
1,1-Dichloroethane	ND		6.3	1.6	ug/L			05/12/17 15:33	6.25
1,1-Dichloroethene	ND		6.3	1.7	ug/L			05/12/17 15:33	6.25
Carbon tetrachloride	ND		6.3	2.2	ug/L			05/12/17 15:33	6.25
Chloroform	ND		6.3	1.9	ug/L			05/12/17 15:33	6.25
cis-1,2-Dichloroethene	13		6.3	1.9	ug/L			05/12/17 15:33	6.25
Methylene Chloride	ND		6.3	3.3	ug/L			05/12/17 15:33	6.25
Tetrachloroethene	ND		6.3	1.9	ug/L			05/12/17 15:33	6.25
trans-1,2-Dichloroethene	ND		6.3	1.8	ug/L			05/12/17 15:33	6.25
Trichloroethene	180		6.3	2.1	ug/L			05/12/17 15:33	6.25
Vinyl chloride	ND		6.3	2.8	ug/L			05/12/17 15:33	6.25

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	90		61 - 138		05/12/17 15:33	6.25
4-Bromofluorobenzene (Surr)	95		69 - 120		05/12/17 15:33	6.25
Dibromofluoromethane (Surr)	83		69 - 124		05/12/17 15:33	6.25
Toluene-d8 (Surr)	96		73 - 120		05/12/17 15:33	6.25

Client Sample Results

Client: AECOM, Inc.
Project/Site: BP Sanborn

TestAmerica Job ID: 240-79160-1

Client Sample ID: TB-05032017

Lab Sample ID: 240-79160-11

Date Collected: 05/03/17 00:00

Matrix: Water

Date Received: 05/05/17 09:30

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0	0.23	ug/L			05/12/17 15:56	1
1,1-Dichloroethane	ND		1.0	0.25	ug/L			05/12/17 15:56	1
1,1-Dichloroethene	ND		1.0	0.27	ug/L			05/12/17 15:56	1
Carbon tetrachloride	ND		1.0	0.35	ug/L			05/12/17 15:56	1
Chloroform	ND		1.0	0.31	ug/L			05/12/17 15:56	1
cis-1,2-Dichloroethene	ND		1.0	0.30	ug/L			05/12/17 15:56	1
Methylene Chloride	ND		1.0	0.53	ug/L			05/12/17 15:56	1
Tetrachloroethene	ND		1.0	0.30	ug/L			05/12/17 15:56	1
trans-1,2-Dichloroethene	ND		1.0	0.29	ug/L			05/12/17 15:56	1
Trichloroethene	ND		1.0	0.33	ug/L			05/12/17 15:56	1
Vinyl chloride	ND		1.0	0.45	ug/L			05/12/17 15:56	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	91		61 - 138					05/12/17 15:56	1
4-Bromofluorobenzene (Surr)	93		69 - 120					05/12/17 15:56	1
Dibromofluoromethane (Surr)	82		69 - 124					05/12/17 15:56	1
Toluene-d8 (Surr)	105		73 - 120					05/12/17 15:56	1

Surrogate Summary

Client: AECOM, Inc.
Project/Site: BP Sanborn

TestAmerica Job ID: 240-79160-1

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)			
		12DCE (61-138)	BFB (69-120)	DBFM (69-124)	TOL (73-120)
240-79160-1	B-14M	92	98	83	98
240-79160-2	B-29M	90	93	81	104
240-79160-3	B-23M	90	93	83	106
240-79160-4	B-24M	87	94	82	105
240-79160-5	B-56M	88	93	82	103
240-79160-5 MS	B-56M	89	98	84	105
240-79160-5 MSD	B-56M	86	95	81	109
240-79160-6	T-002 LAB COMP	89	94	82	106
240-79160-7	B-52M	89	94	82	105
240-79160-8	B-53M	89	89	80	101
240-79160-9	B-50M	89	95	81	106
240-79160-10	B-06M	90	95	83	96
240-79160-11	TB-05032017	91	93	82	105
LCS 240-278653/4	Lab Control Sample	94	99	86	111
MB 240-278653/7	Method Blank	87	92	83	101

Surrogate Legend

12DCE = 1,2-Dichloroethane-d4 (Surr)

BFB = 4-Bromofluorobenzene (Surr)

DBFM = Dibromofluoromethane (Surr)

TOL = Toluene-d8 (Surr)

QC Sample Results

Client: AECOM, Inc.
Project/Site: BP Sanborn

TestAmerica Job ID: 240-79160-1

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

Lab Sample ID: MB 240-278653/7
Matrix: Water
Analysis Batch: 278653

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	0.23	ug/L			05/12/17 11:40	1
1,1-Dichloroethane	ND		1.0	0.25	ug/L			05/12/17 11:40	1
1,1-Dichloroethene	ND		1.0	0.27	ug/L			05/12/17 11:40	1
Carbon tetrachloride	ND		1.0	0.35	ug/L			05/12/17 11:40	1
Chloroform	ND		1.0	0.31	ug/L			05/12/17 11:40	1
cis-1,2-Dichloroethene	ND		1.0	0.30	ug/L			05/12/17 11:40	1
Methylene Chloride	ND		1.0	0.53	ug/L			05/12/17 11:40	1
Tetrachloroethene	ND		1.0	0.30	ug/L			05/12/17 11:40	1
trans-1,2-Dichloroethene	ND		1.0	0.29	ug/L			05/12/17 11:40	1
Trichloroethene	ND		1.0	0.33	ug/L			05/12/17 11:40	1
Vinyl chloride	ND		1.0	0.45	ug/L			05/12/17 11:40	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	87		61 - 138		05/12/17 11:40	1
4-Bromofluorobenzene (Surr)	92		69 - 120		05/12/17 11:40	1
Dibromofluoromethane (Surr)	83		69 - 124		05/12/17 11:40	1
Toluene-d8 (Surr)	101		73 - 120		05/12/17 11:40	1

Lab Sample ID: LCS 240-278653/4
Matrix: Water
Analysis Batch: 278653

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
1,1,1-Trichloroethane	20.0	17.7		ug/L		88	64 - 147
1,1-Dichloroethane	20.0	19.6		ug/L		98	74 - 120
1,1-Dichloroethene	20.0	19.6		ug/L		98	65 - 127
Carbon tetrachloride	20.0	17.4		ug/L		87	55 - 171
Chloroform	20.0	18.0		ug/L		90	80 - 120
cis-1,2-Dichloroethene	20.0	18.4		ug/L		92	77 - 120
Methylene Chloride	20.0	18.5		ug/L		93	64 - 140
Tetrachloroethene	20.0	23.0		ug/L		115	80 - 122
trans-1,2-Dichloroethene	20.0	19.5		ug/L		98	74 - 124
Trichloroethene	20.0	18.0		ug/L		90	76 - 124
Vinyl chloride	20.0	17.7		ug/L		89	65 - 124

Surrogate	LCS %Recovery	LCS Qualifier	Limits
1,2-Dichloroethane-d4 (Surr)	94		61 - 138
4-Bromofluorobenzene (Surr)	99		69 - 120
Dibromofluoromethane (Surr)	86		69 - 124
Toluene-d8 (Surr)	111		73 - 120

Lab Sample ID: 240-79160-5 MS
Matrix: Water
Analysis Batch: 278653

Client Sample ID: B-56M
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
1,1,1-Trichloroethane	ND		200	171		ug/L		85	57 - 156

TestAmerica Canton

QC Sample Results

Client: AECOM, Inc.
Project/Site: BP Sanborn

TestAmerica Job ID: 240-79160-1

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

Lab Sample ID: 240-79160-5 MS

Matrix: Water

Analysis Batch: 278653

Client Sample ID: B-56M

Prep Type: Total/NA

Analyte	Sample	Sample	Spike	MS	MS	Unit	D	%Rec	%Rec. Limits
	Result	Qualifier	Added	Result	Qualifier				
1,1-Dichloroethane	ND	F2	200	206		ug/L		103	69 - 122
1,1-Dichloroethene	ND		200	182		ug/L		91	62 - 127
Carbon tetrachloride	ND		200	161		ug/L		81	53 - 175
Chloroform	ND		200	173		ug/L		87	74 - 125
cis-1,2-Dichloroethene	26		200	203		ug/L		88	69 - 127
Methylene Chloride	ND		200	197		ug/L		98	52 - 137
Tetrachloroethene	ND		200	199		ug/L		100	69 - 126
trans-1,2-Dichloroethene	ND		200	201		ug/L		101	66 - 131
Trichloroethene	290		200	450		ug/L		82	68 - 129
Vinyl chloride	ND		200	162		ug/L		81	55 - 123

Surrogate	MS	MS	Limits
	%Recovery	Qualifier	
1,2-Dichloroethane-d4 (Surr)	89		61 - 138
4-Bromofluorobenzene (Surr)	98		69 - 120
Dibromofluoromethane (Surr)	84		69 - 124
Toluene-d8 (Surr)	105		73 - 120

Lab Sample ID: 240-79160-5 MSD

Matrix: Water

Analysis Batch: 278653

Client Sample ID: B-56M

Prep Type: Total/NA

Analyte	Sample	Sample	Spike	MSD	MSD	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
	Result	Qualifier	Added	Result	Qualifier						
1,1,1-Trichloroethane	ND		200	167		ug/L		84	57 - 156	2	13
1,1-Dichloroethane	ND	F2	200	183	F2	ug/L		92	69 - 122	12	11
1,1-Dichloroethene	ND		200	182		ug/L		91	62 - 127	0	14
Carbon tetrachloride	ND		200	158		ug/L		79	53 - 175	2	17
Chloroform	ND		200	171		ug/L		85	74 - 125	1	11
cis-1,2-Dichloroethene	26		200	200		ug/L		87	69 - 127	1	11
Methylene Chloride	ND		200	175		ug/L		87	52 - 137	12	12
Tetrachloroethene	ND		200	203		ug/L		101	69 - 126	2	18
trans-1,2-Dichloroethene	ND		200	181		ug/L		91	66 - 131	10	11
Trichloroethene	290		200	438		ug/L		76	68 - 129	3	12
Vinyl chloride	ND		200	162		ug/L		81	55 - 123	0	12

Surrogate	MSD	MSD	Limits
	%Recovery	Qualifier	
1,2-Dichloroethane-d4 (Surr)	86		61 - 138
4-Bromofluorobenzene (Surr)	95		69 - 120
Dibromofluoromethane (Surr)	81		69 - 124
Toluene-d8 (Surr)	109		73 - 120

TestAmerica Canton

QC Association Summary

Client: AECOM, Inc.
Project/Site: BP Sanborn

TestAmerica Job ID: 240-79160-1

GC/MS VOA

Analysis Batch: 278653

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-79160-1	B-14M	Total/NA	Water	8260C	
240-79160-2	B-29M	Total/NA	Water	8260C	
240-79160-3	B-23M	Total/NA	Water	8260C	
240-79160-4	B-24M	Total/NA	Water	8260C	
240-79160-5	B-56M	Total/NA	Water	8260C	
240-79160-6	T-002 LAB COMP	Total/NA	Water	8260C	
240-79160-7	B-52M	Total/NA	Water	8260C	
240-79160-8	B-53M	Total/NA	Water	8260C	
240-79160-9	B-50M	Total/NA	Water	8260C	
240-79160-10	B-06M	Total/NA	Water	8260C	
240-79160-11	TB-05032017	Total/NA	Water	8260C	
MB 240-278653/7	Method Blank	Total/NA	Water	8260C	
LCS 240-278653/4	Lab Control Sample	Total/NA	Water	8260C	
240-79160-5 MS	B-56M	Total/NA	Water	8260C	
240-79160-5 MSD	B-56M	Total/NA	Water	8260C	

Lab Chronicle

Client: AECOM, Inc.
Project/Site: BP Sanborn

TestAmerica Job ID: 240-79160-1

Client Sample ID: B-14M

Date Collected: 05/03/17 09:05

Date Received: 05/05/17 09:30

Lab Sample ID: 240-79160-1

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	278653	05/12/17 12:03	HMB	TAL CAN

Client Sample ID: B-29M

Date Collected: 05/03/17 11:20

Date Received: 05/05/17 09:30

Lab Sample ID: 240-79160-2

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	278653	05/12/17 12:26	HMB	TAL CAN

Client Sample ID: B-23M

Date Collected: 05/03/17 12:20

Date Received: 05/05/17 09:30

Lab Sample ID: 240-79160-3

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		2.5	278653	05/12/17 12:50	HMB	TAL CAN

Client Sample ID: B-24M

Date Collected: 05/03/17 13:25

Date Received: 05/05/17 09:30

Lab Sample ID: 240-79160-4

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	278653	05/12/17 13:13	HMB	TAL CAN

Client Sample ID: B-56M

Date Collected: 05/03/17 13:55

Date Received: 05/05/17 09:30

Lab Sample ID: 240-79160-5

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		10	278653	05/12/17 13:36	HMB	TAL CAN

Client Sample ID: T-002 LAB COMP

Date Collected: 05/03/17 14:00

Date Received: 05/05/17 09:30

Lab Sample ID: 240-79160-6

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		10	278653	05/12/17 14:00	HMB	TAL CAN

TestAmerica Canton

Lab Chronicle

Client: AECOM, Inc.
Project/Site: BP Sanborn

TestAmerica Job ID: 240-79160-1

Client Sample ID: B-52M

Date Collected: 05/04/17 09:30

Date Received: 05/05/17 09:30

Lab Sample ID: 240-79160-7

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	278653	05/12/17 14:23	HMB	TAL CAN

Client Sample ID: B-53M

Date Collected: 05/04/17 10:20

Date Received: 05/05/17 09:30

Lab Sample ID: 240-79160-8

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	278653	05/12/17 14:46	HMB	TAL CAN

Client Sample ID: B-50M

Date Collected: 05/04/17 11:25

Date Received: 05/05/17 09:30

Lab Sample ID: 240-79160-9

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		2.5	278653	05/12/17 15:09	HMB	TAL CAN

Client Sample ID: B-06M

Date Collected: 05/04/17 12:10

Date Received: 05/05/17 09:30

Lab Sample ID: 240-79160-10

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		6.25	278653	05/12/17 15:33	HMB	TAL CAN

Client Sample ID: TB-05032017

Date Collected: 05/03/17 00:00

Date Received: 05/05/17 09:30

Lab Sample ID: 240-79160-11

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	278653	05/12/17 15:56	HMB	TAL CAN

Laboratory References:

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

Accreditation/Certification Summary

Client: AECOM, Inc.
Project/Site: BP Sanborn

TestAmerica Job ID: 240-79160-1

Laboratory: TestAmerica Canton

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

Authority	Program	EPA Region	Identification Number	Expiration Date
New York	NELAP	2	10975	03-31-18

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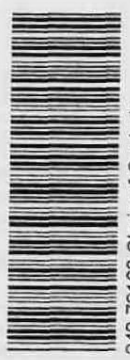
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1.8/C1.5

Laboratory Management Program LaMP Chain of Custody Record

BP/ARC Project Name: BP Sanborn Req Due Date (mm/dd/yy): Rush TAT: Yes ___ No X
 BP/ARC Facility No: Lab Work Order Number:

Lab Name: TestAmerica 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:
 Lab PM: Patrick O'Meara Lead Regulatory Agency: NYSDEC Address: 257 West Genesee St., Suite 400 Buffalo, NY 14202
 Lab Phone: 330-497-9396 California Global ID No.: Consultant/Contractor PM: James Kaczor
 Lab Shipping Acct: Entos 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: Slaç 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	8260C	Standard			
B-14M		5/3/2017	9:05	X			3				X				 240-79160 Chain of Custody and initial any preprinted sample description.	
B-29M		5/3/2017	11:20	X			3				X					
B-23M		5/3/2017	12:20	X			3				X					
B-24M		5/3/2017	13:25	X			3				X					
B-56M		5/3/2017	13:55	X			3				X					
T-002 Lab Comp		5/3/2017	0800-1400	X			8				X					
B-52M		5/4/2017	9:30	X			3				X					
B-53M		5/4/2017	10:20	X			3				X					
B-50M		5/4/2017	11:25	X			3				X					
B-06M		5/4/2017	12:10	X			3				X					
TB-05032017		5/3/2017		X			3				X				Trip Blank	

Relinquished By / Affiliation: *[Signature]* AECOM Date: 5-4-17 15:15 Accepted By / Affiliation: *[Signature]* Date: 5-4-17 15:15
 Ship Date: 5-5-17 9:30
 Shipper's Name: Ernest Thalhammer
 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#83588
 THIS LINE - LAB USE ONLY: Custody Seals in Place: Yes ___ No ___ Temp Blank: Yes ___ No ___ Cooler Temp on Receipt: 1.5 °F/C Trip Blank (Yes/No) MS/MSD Sample Submitted: Yes ___ No ___
 BP/ARC LaMP COC Rev. 6 01/01/2009

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TestAmerica Canton Sample Receipt Form/Narrative
Canton Facility

Login # : 79160

Client AELOM Site Name _____

Cooler unpacked by: _____

Cooler Received on 5-5-17 Opened on 5-5-17

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

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

TestAmerica Cooler # _____ 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-8 (CF -0.3 °C) Observed Cooler Temp. 1.8 °C Corrected Cooler Temp. 1.5 °C
 IR GUN #36 (CF +0.8°C) Observed Cooler Temp. _____ °C Corrected Cooler Temp. _____ °C
2. Were custody seals on the outside of the cooler(s)? If Yes Quantity 1 Yes No
 -Were custody seals on the outside of the cooler(s) signed & dated? Yes No NA
 -Were custody seals on the bottle(s) or bottle kits (LLHg/MeHg)? Yes No
3. Shippers' packing slip attached to the cooler(s)? Yes No
 4. Did custody papers accompany the sample(s)? Yes No
 5. Were the custody papers relinquished & signed in the appropriate place? Yes No
 6. Was/were the person(s) who collected the samples clearly identified on the COC? Yes No
 7. Did all bottles arrive in good condition (Unbroken)? Yes No
 8. Could all bottle labels be reconciled with the COC? Yes No
 9. Were correct bottle(s) used for the test(s) indicated? Yes No
 10. Sufficient quantity received to perform indicated analyses? Yes No
 11. Are these work share samples? Yes No
 If yes, Questions 11-15 have been checked at the originating laboratory.
11. Were sample(s) at the correct pH upon receipt? Yes No NA pH Strip Lot# HC697954
 12. Were VOAs on the COC? Yes No
 13. Were air bubbles >6 mm in any VOA vials? Larger than this. Yes No NA
 14. Was a VOA trip blank present in the cooler(s)? Trip Blank Lot # _____ Yes No
 15. Was a LL Hg or Me Hg trip blank present? Yes No

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

Concerning _____

16. CHAIN OF CUSTODY & SAMPLE DISCREPANCIES

Samples processed by: _____

17. 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)

18. SAMPLE PRESERVATION

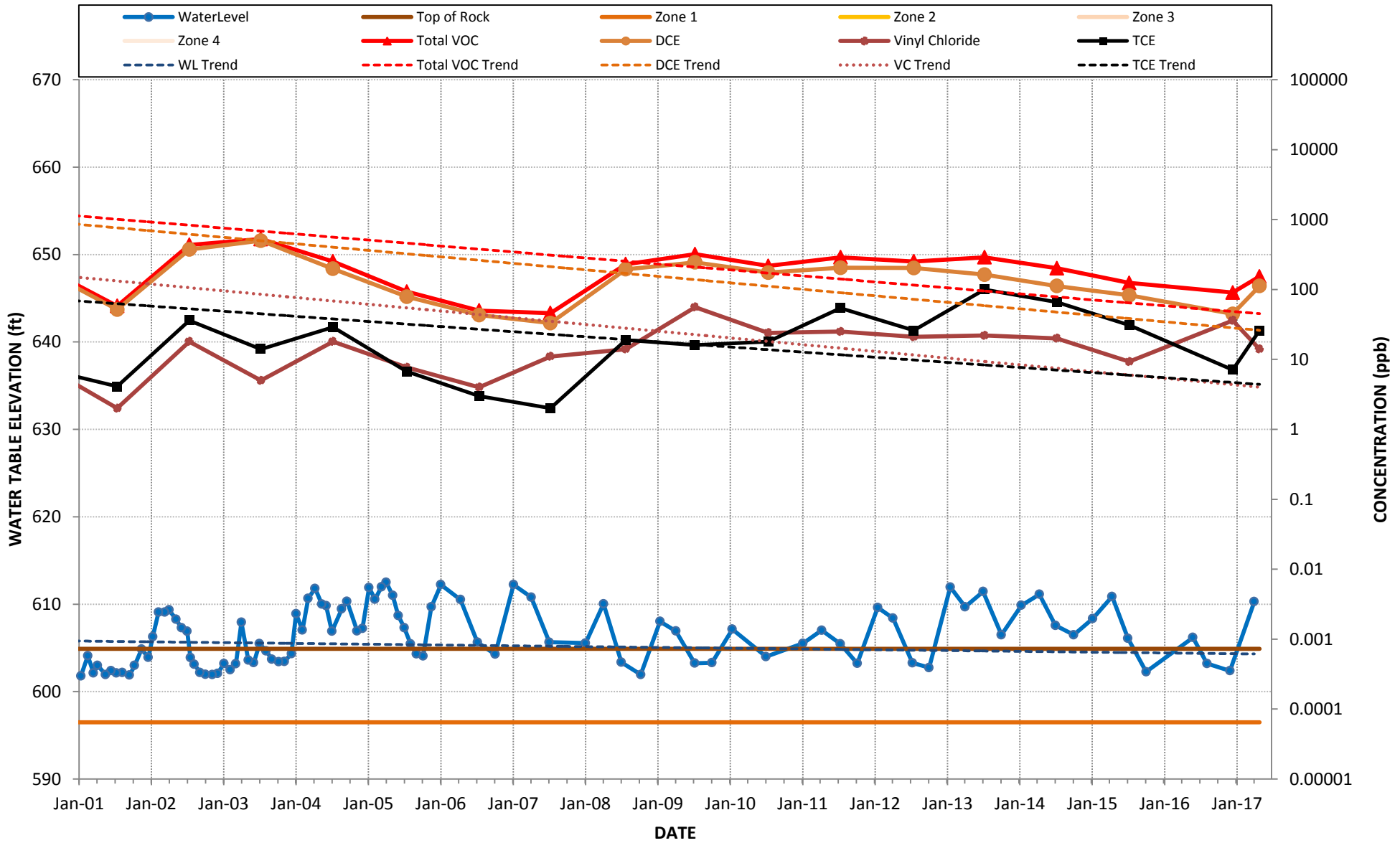
Sample(s) _____ were further preserved in the laboratory.
 Time preserved: _____ Preservative(s) added/Lot number(s): _____

Ref: SOP NC-SC-0005, Sample Receiving
 \\atcorp\corp\QA\QA_Facilities\Canton-QA\Document-Management\Work-Instruction\Word Version Work Instructions\WI-NC-0199-042717 Cooler Receipt Form.doc djl

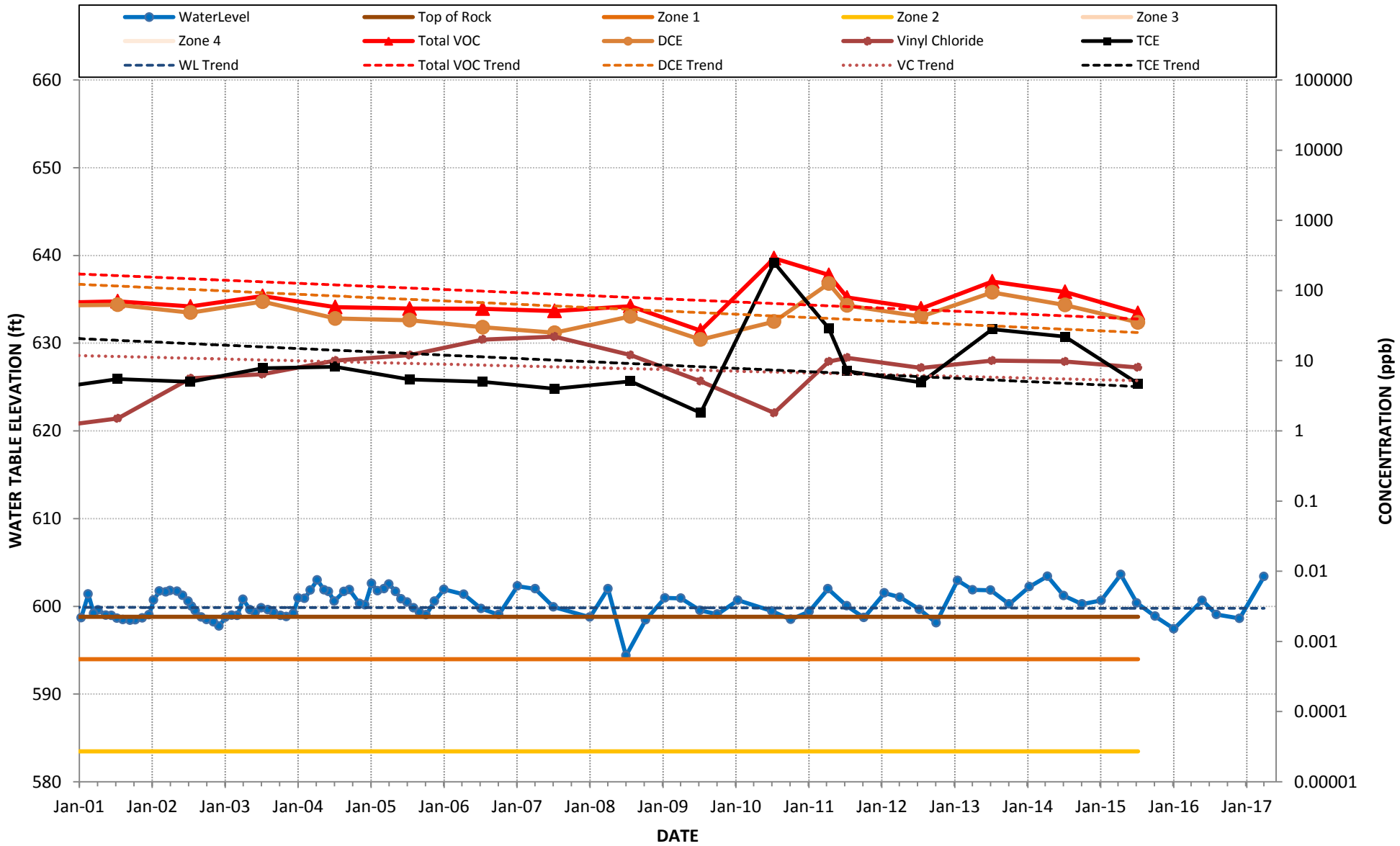
Appendix C

Water Quality Time Series Plots January 2001 through May 2017

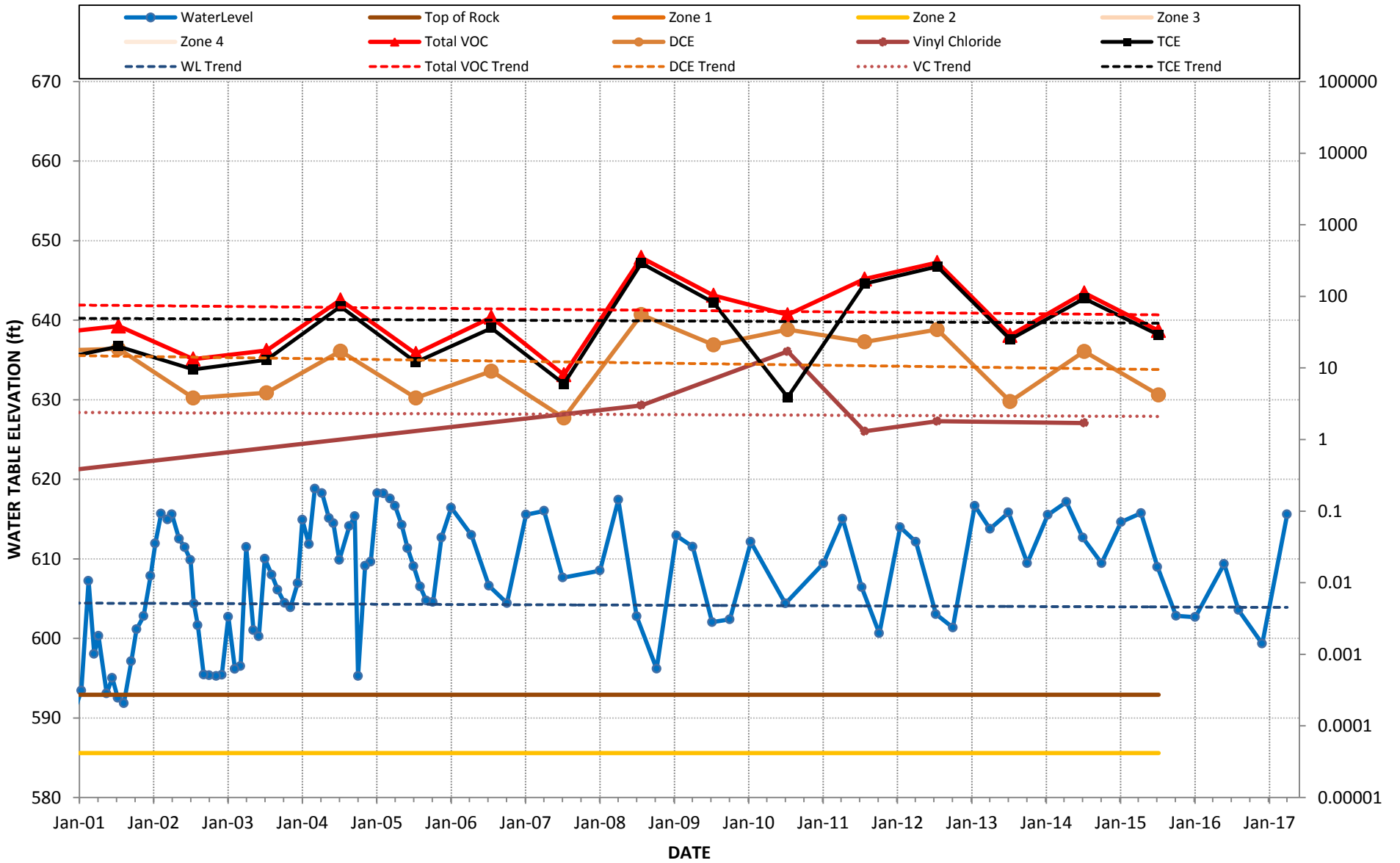
WATER LEVELS & CHLORINATED SOLVENT CONCENTRATIONS B-3M



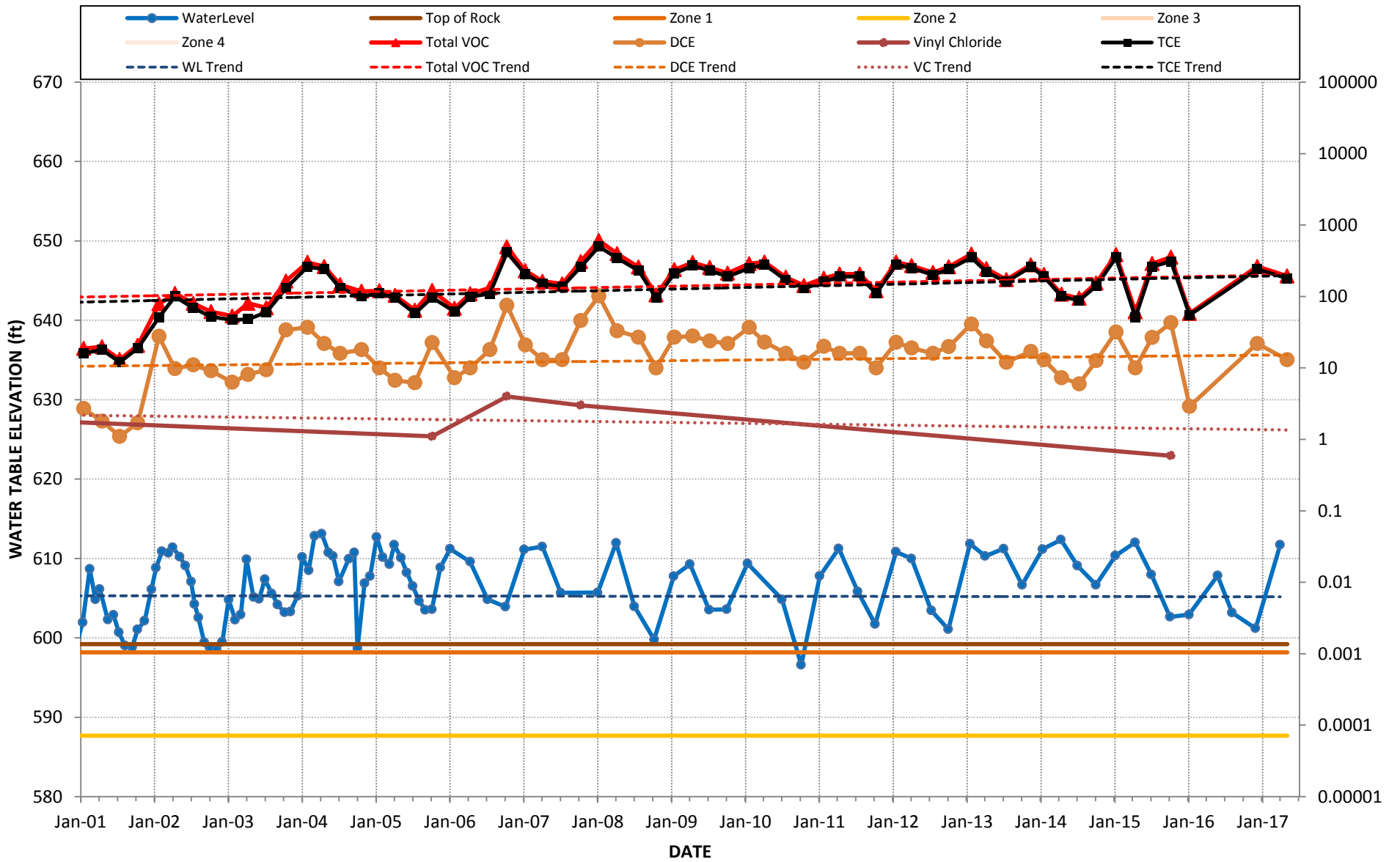
WATER LEVELS & CHLORINATED SOLVENT CONCENTRATIONS B-4M



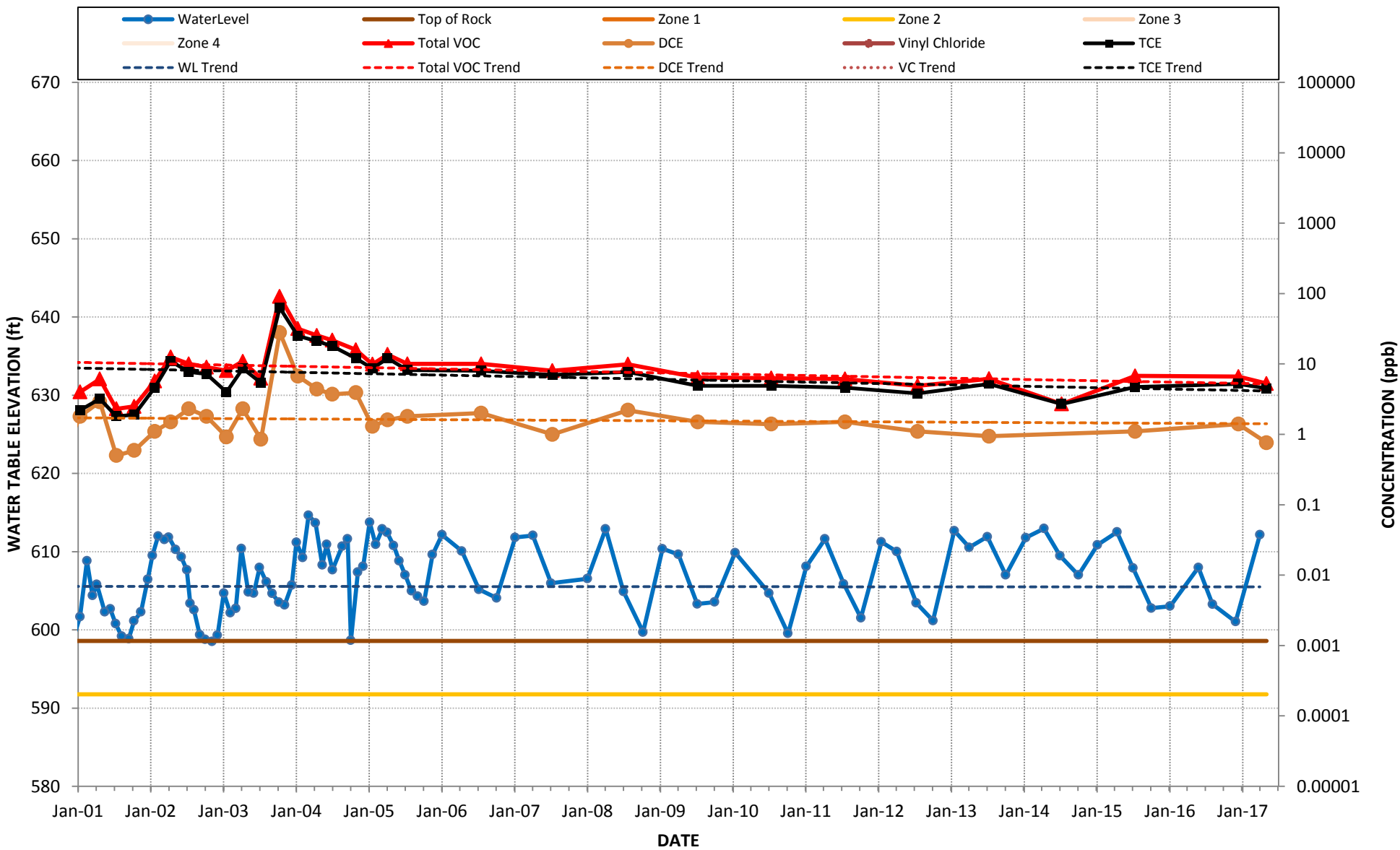
WATER LEVELS & CHLORINATED SOLVENT CONCENTRATIONS B-5M



WATER LEVELS & CHLORINATED SOLVENT CONCENTRATIONS B-6M

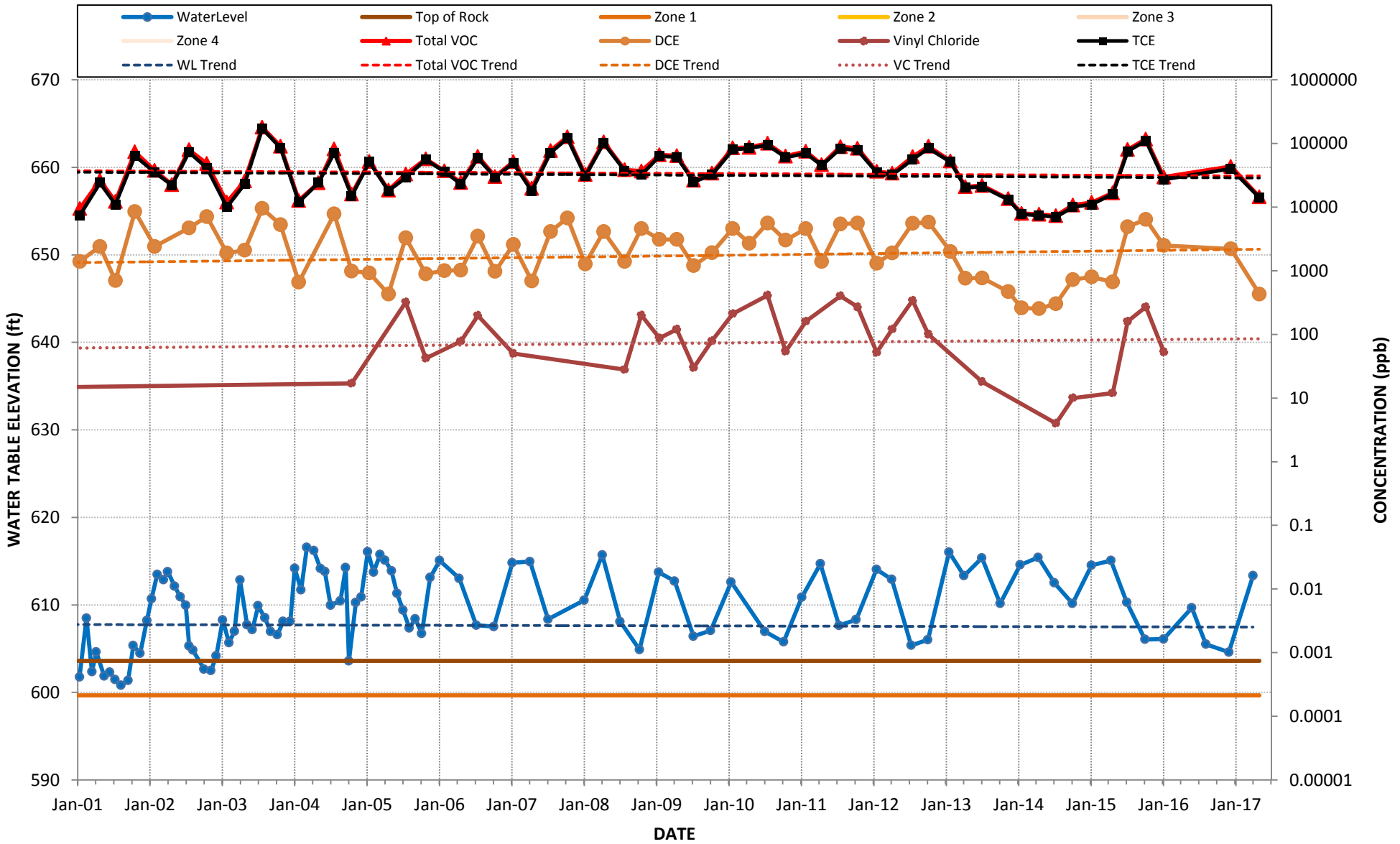


WATER LEVELS & CHLORINATED SOLVENT CONCENTRATIONS B-7M

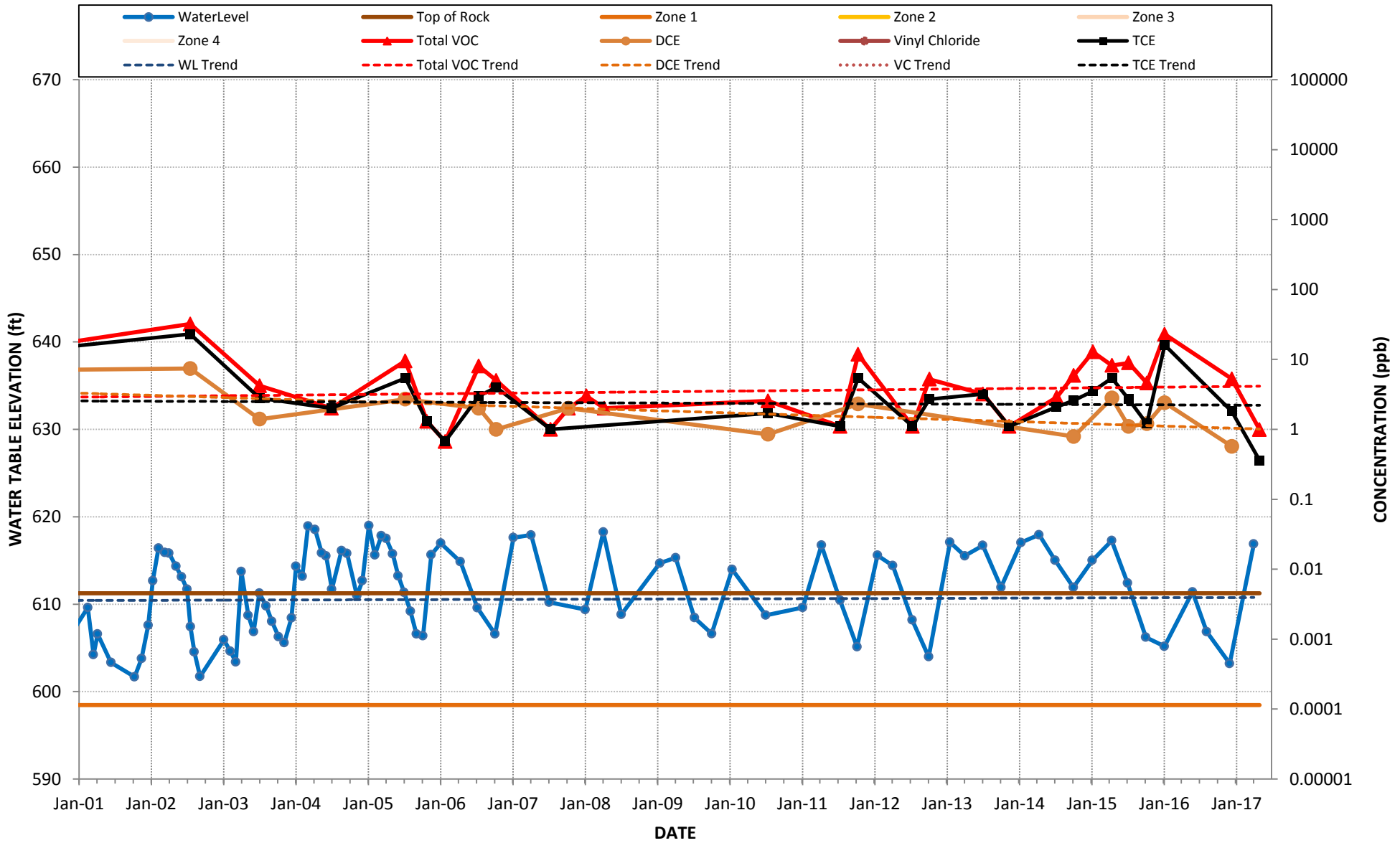


WATER LEVELS & CHLORINATED SOLVENT CONCENTRATIONS

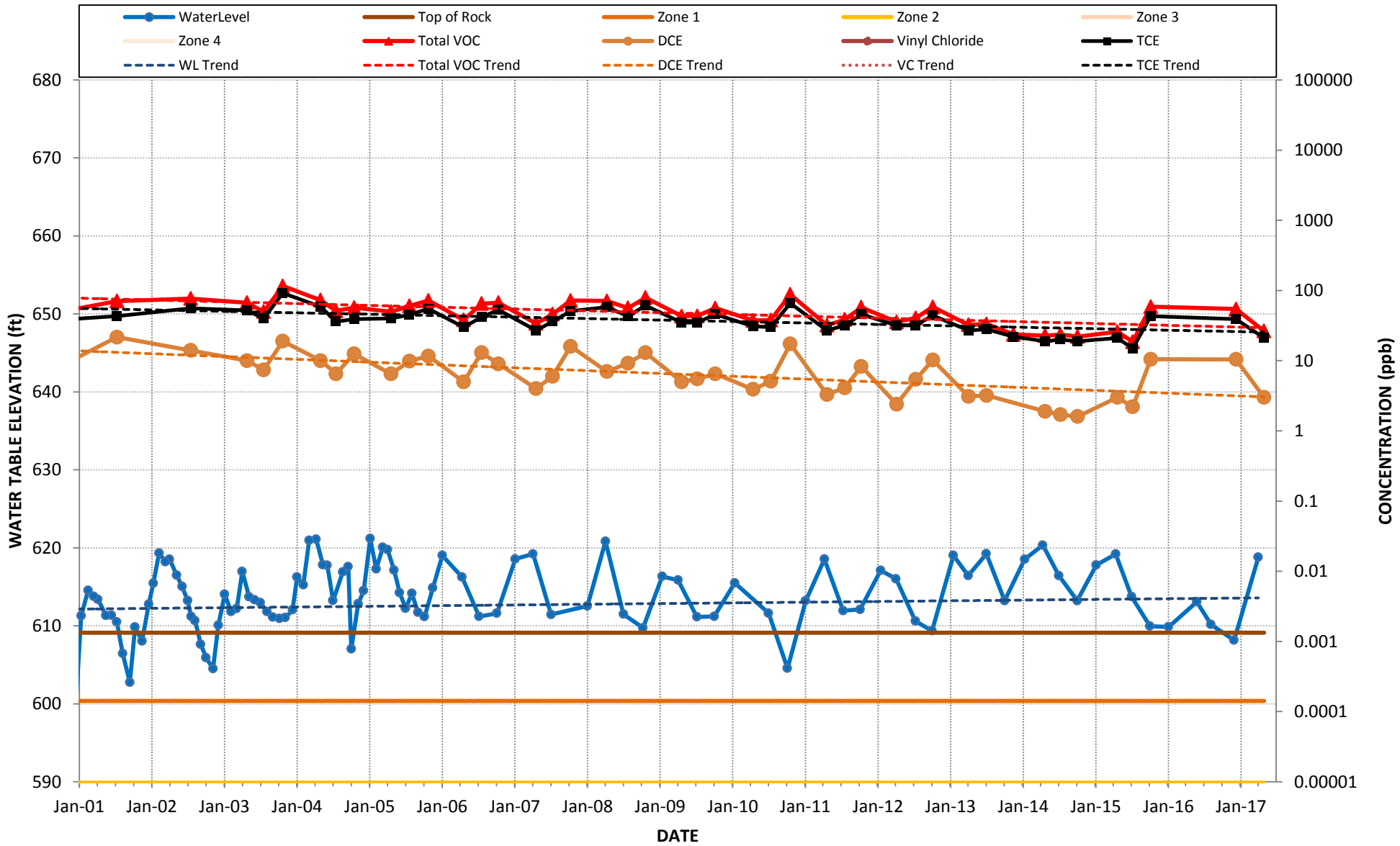
B-8M



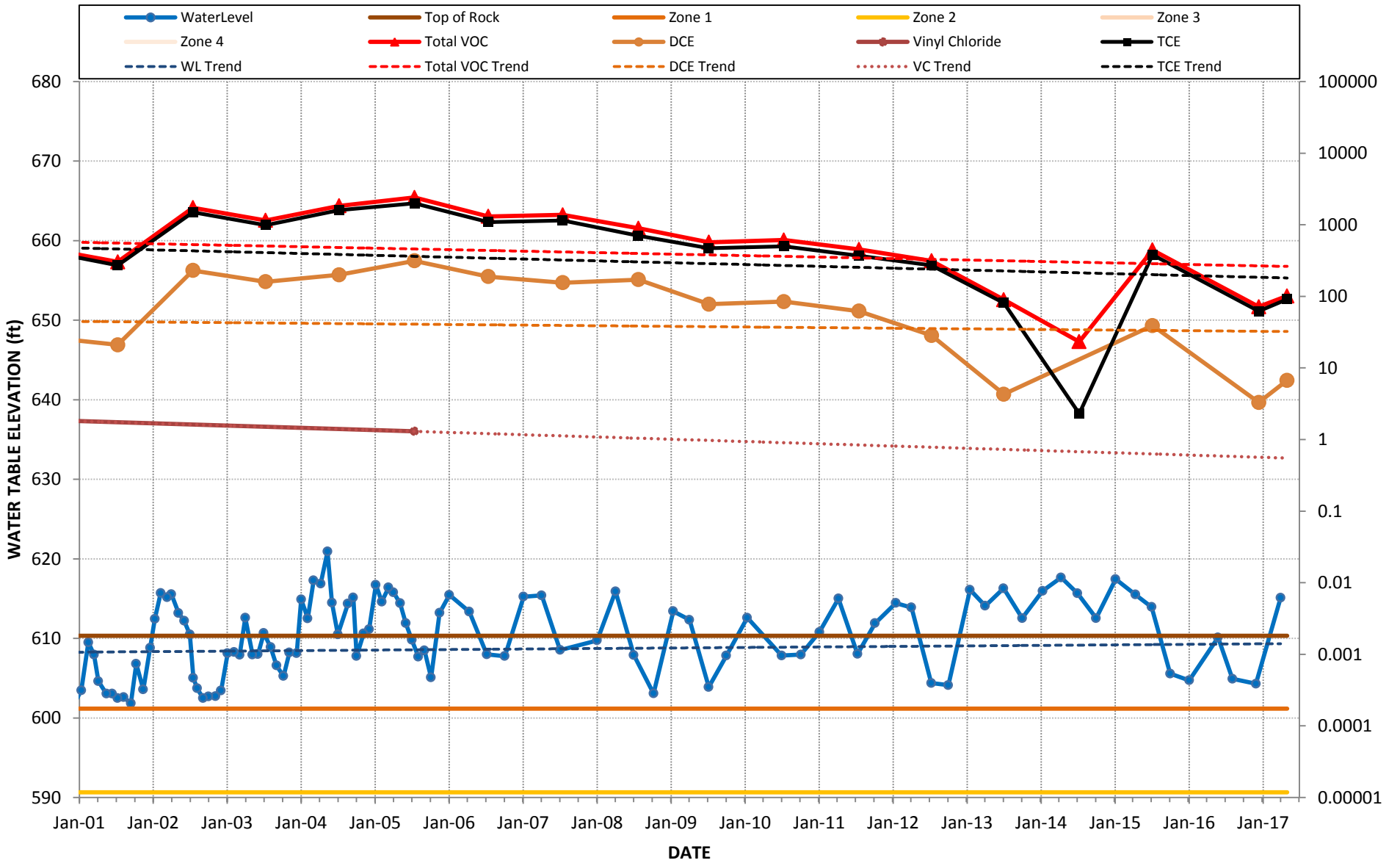
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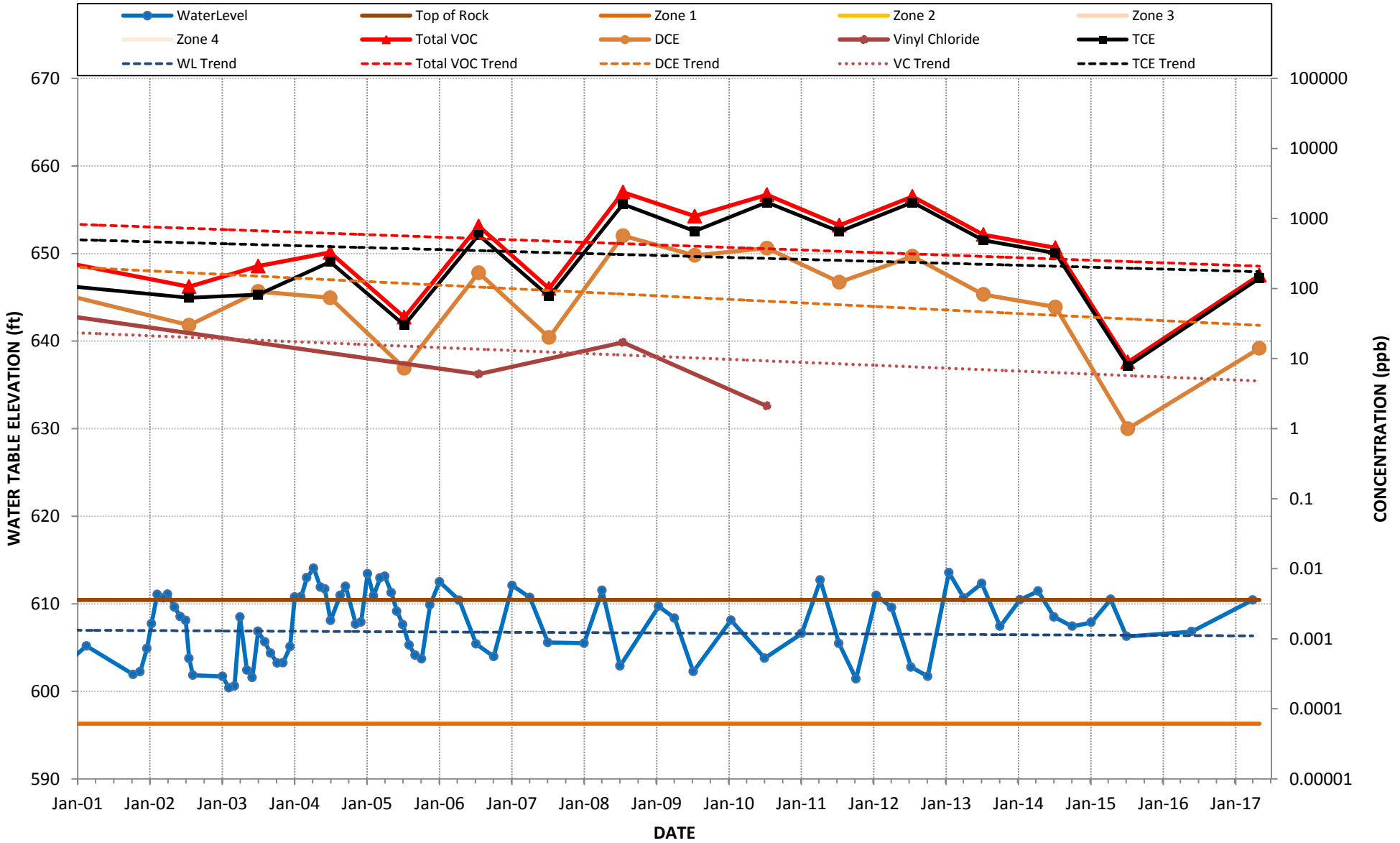
WATER LEVELS & CHLORINATED SOLVENT CONCENTRATIONS B-10M



WATER LEVELS & CHLORINATED SOLVENT CONCENTRATIONS B-11M

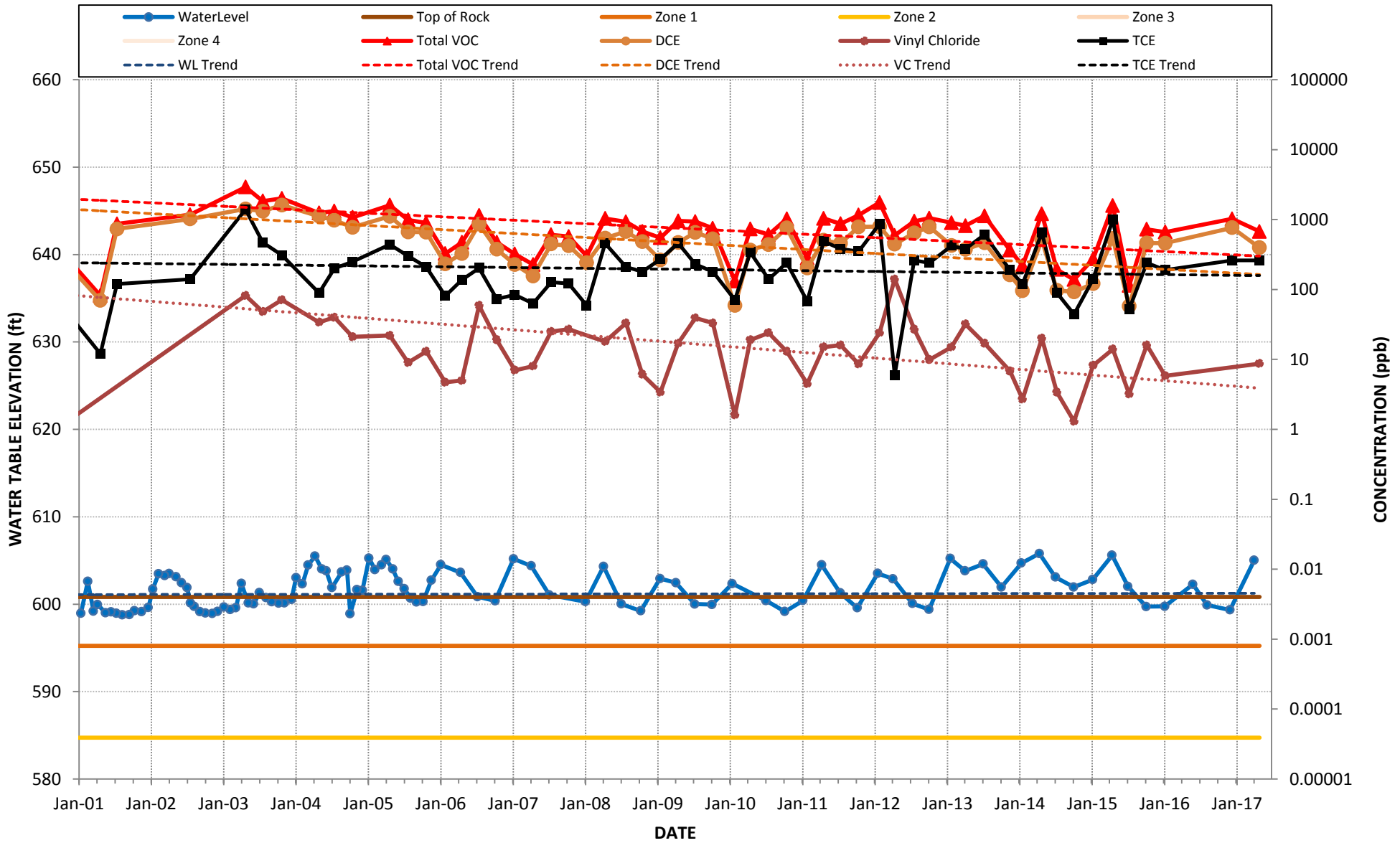


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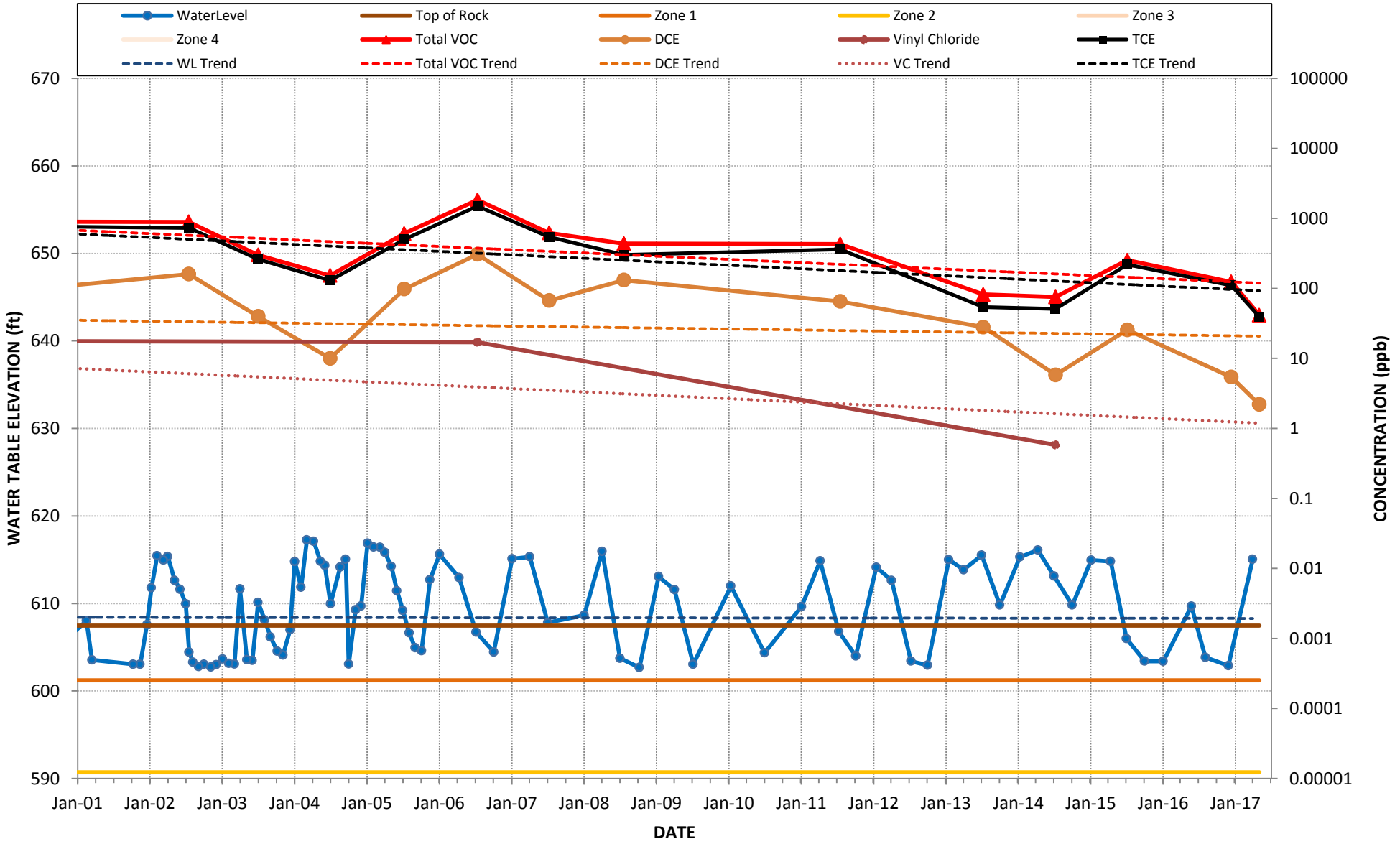


WATER LEVELS & CHLORINATED SOLVENT CONCENTRATIONS

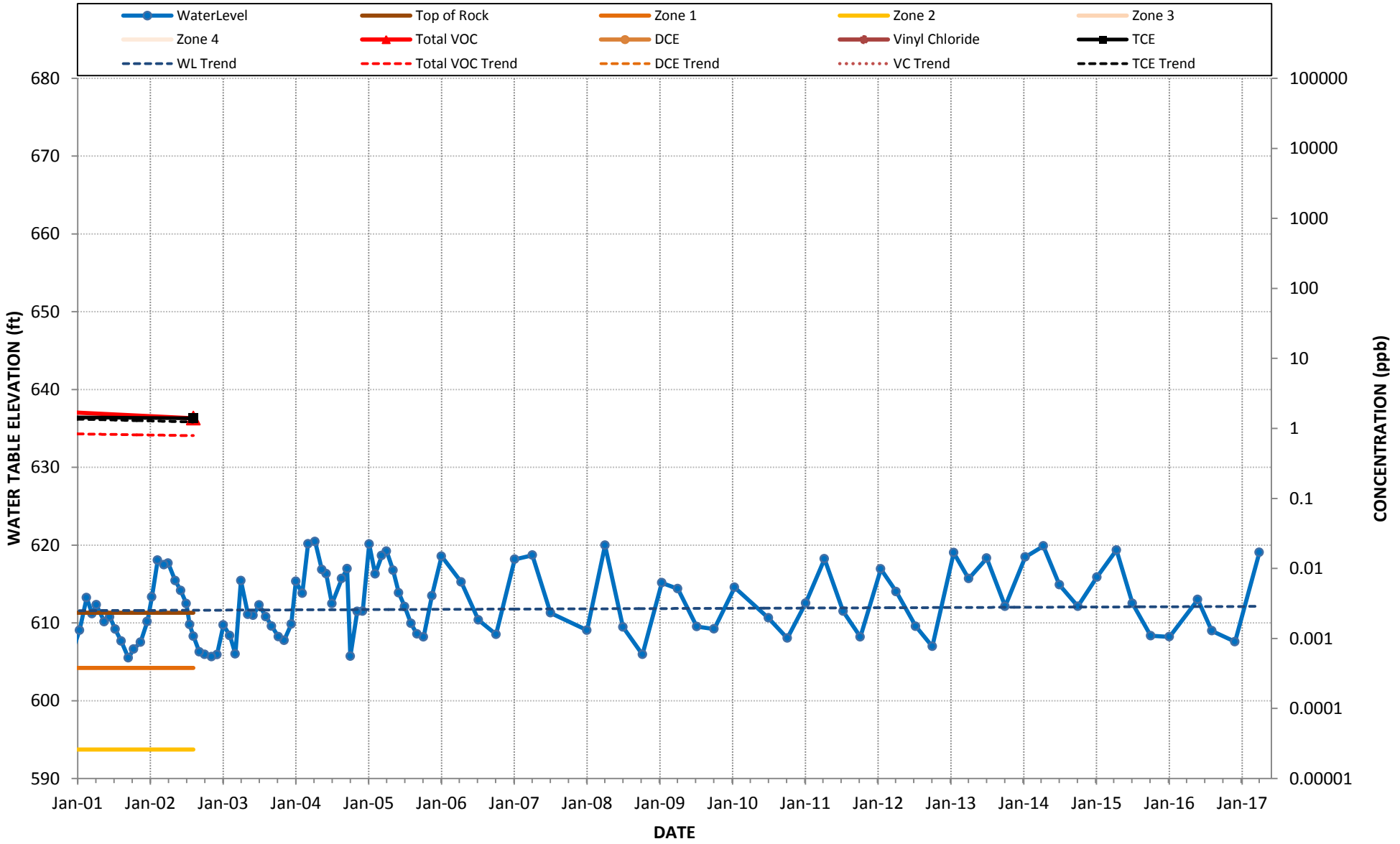
B-13M



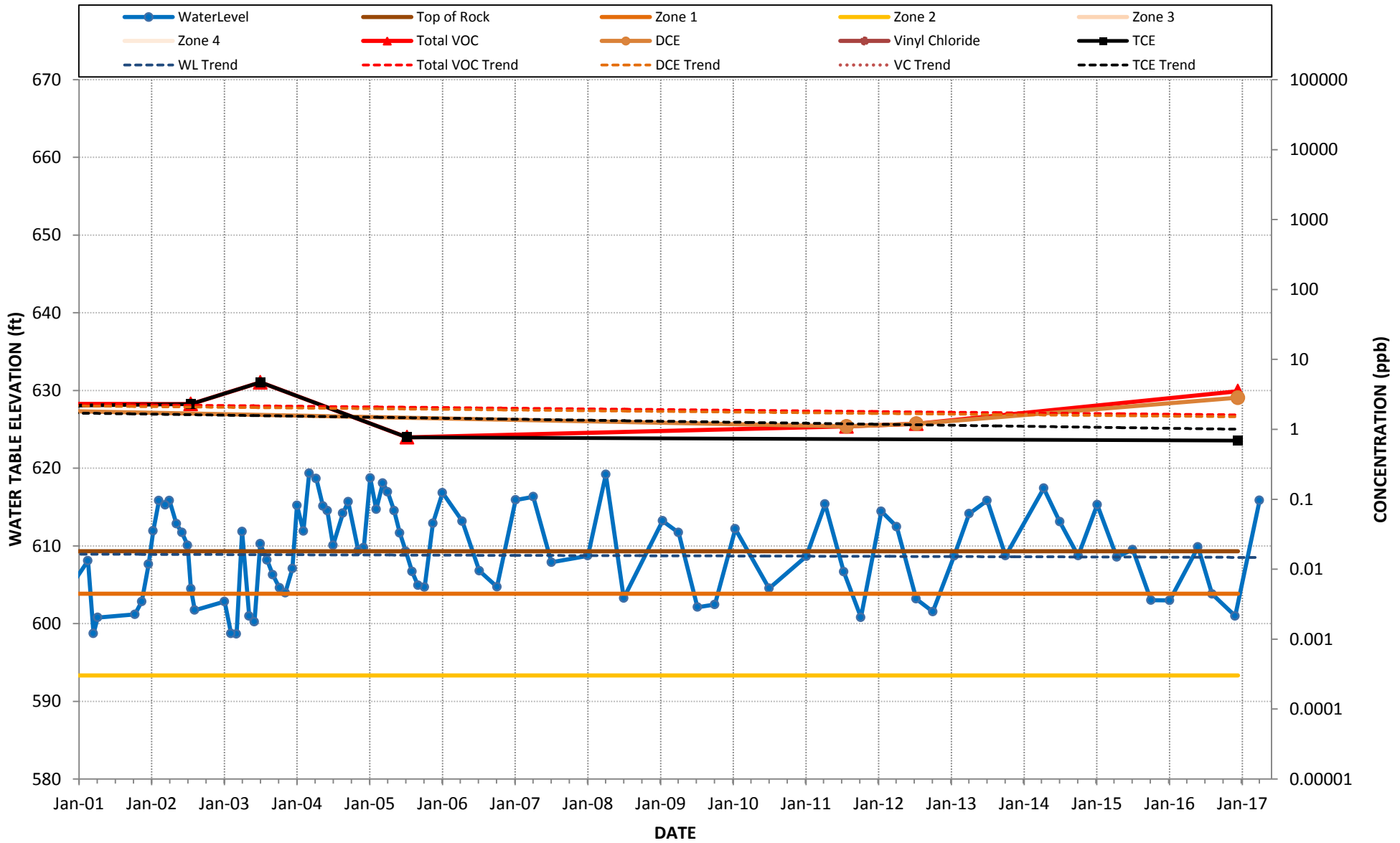
WATER LEVELS & CHLORINATED SOLVENT CONCENTRATIONS B-14M



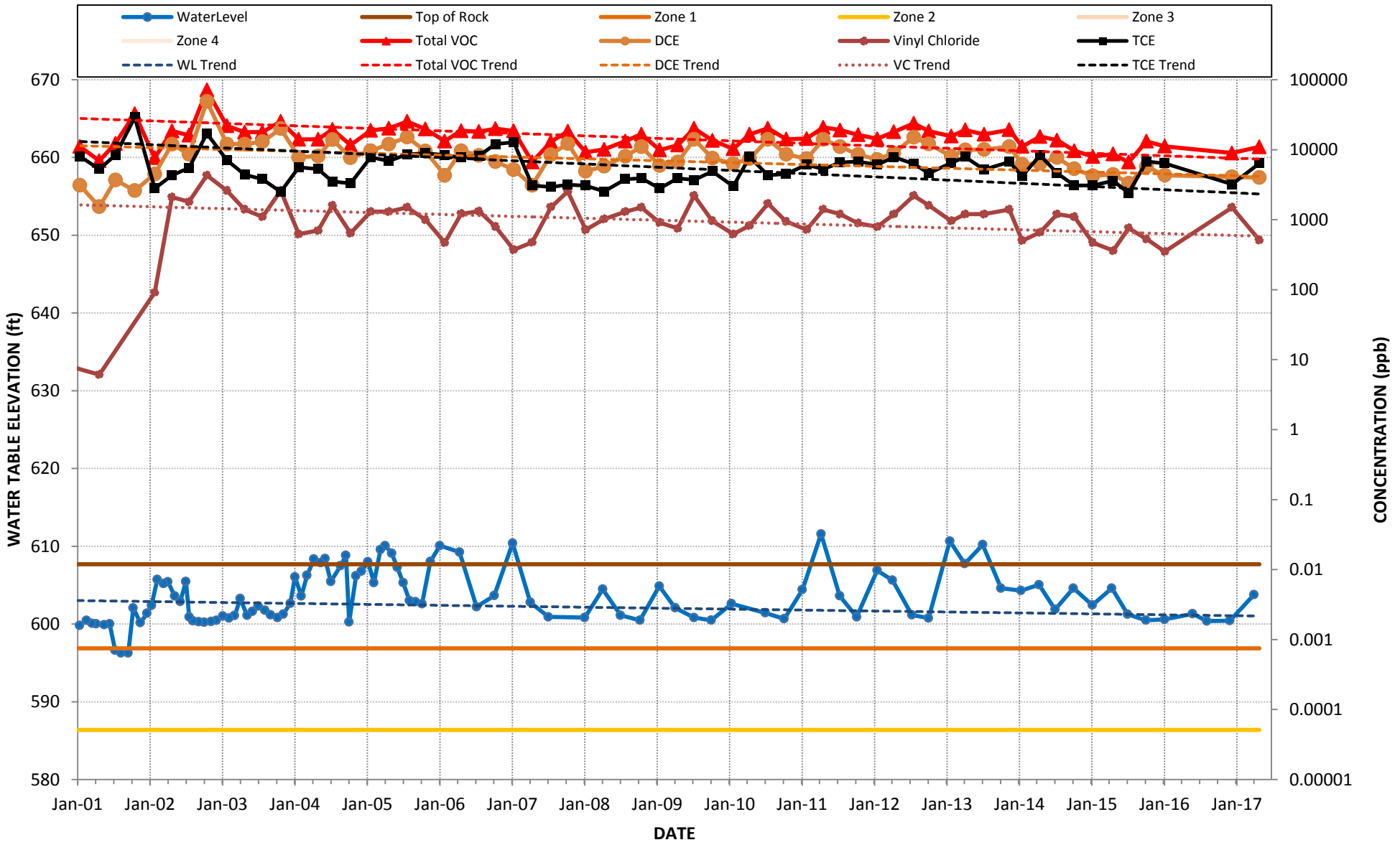
WATER LEVELS & CHLORINATED SOLVENT CONCENTRATIONS B-15M



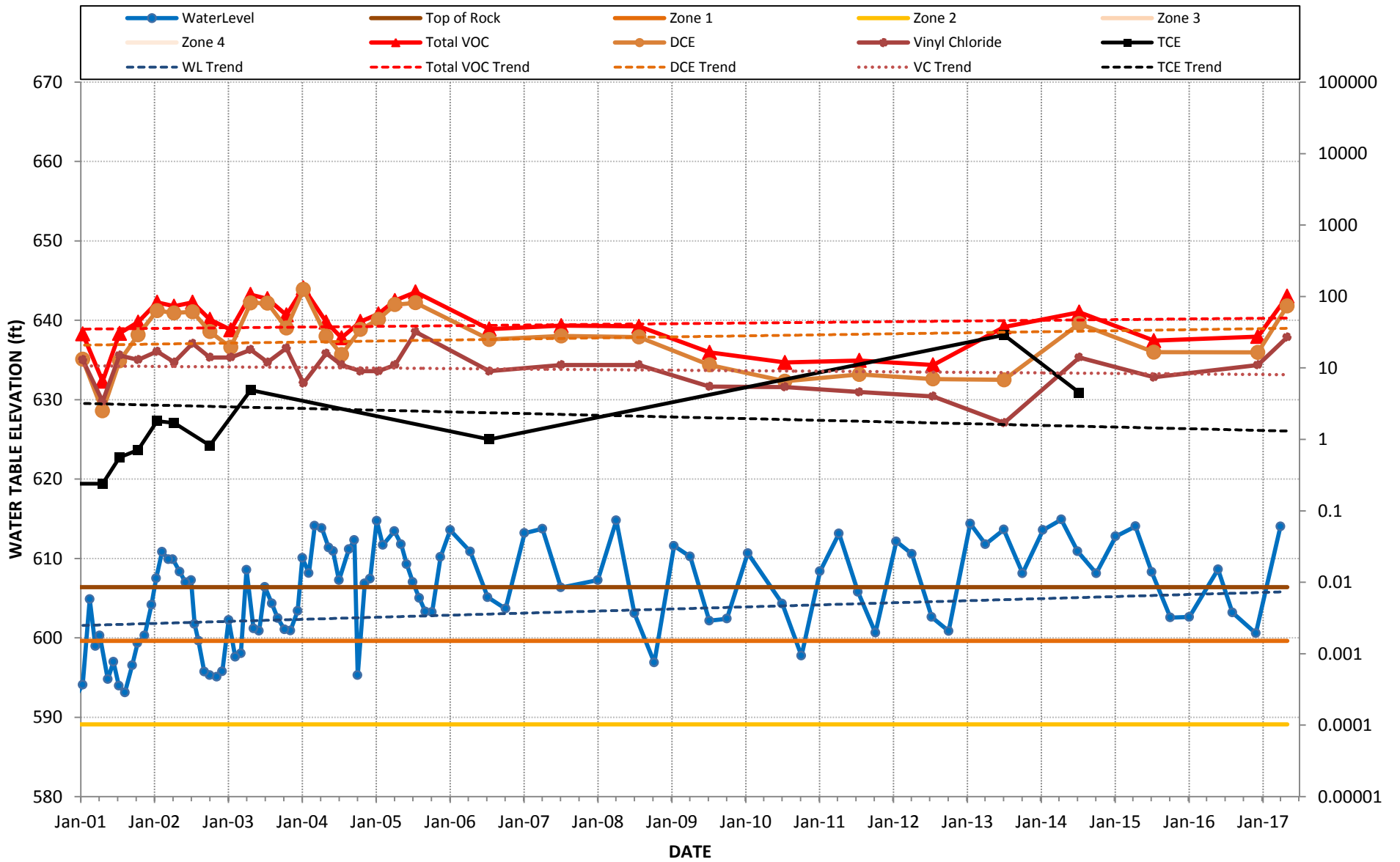
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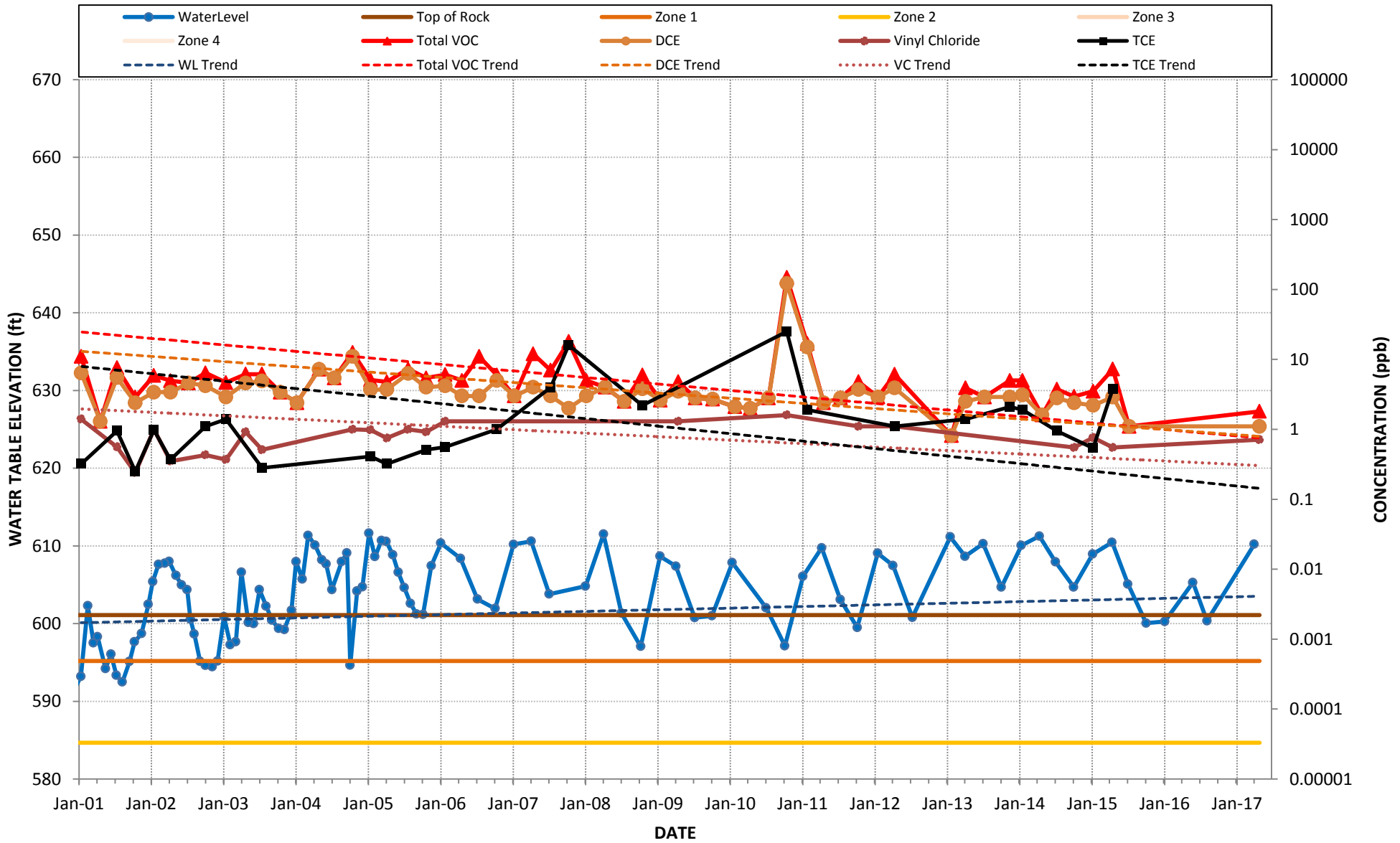
WATER LEVELS & CHLORINATED SOLVENT CONCENTRATIONS B-17M



WATER LEVELS & CHLORINATED SOLVENT CONCENTRATIONS B-18M

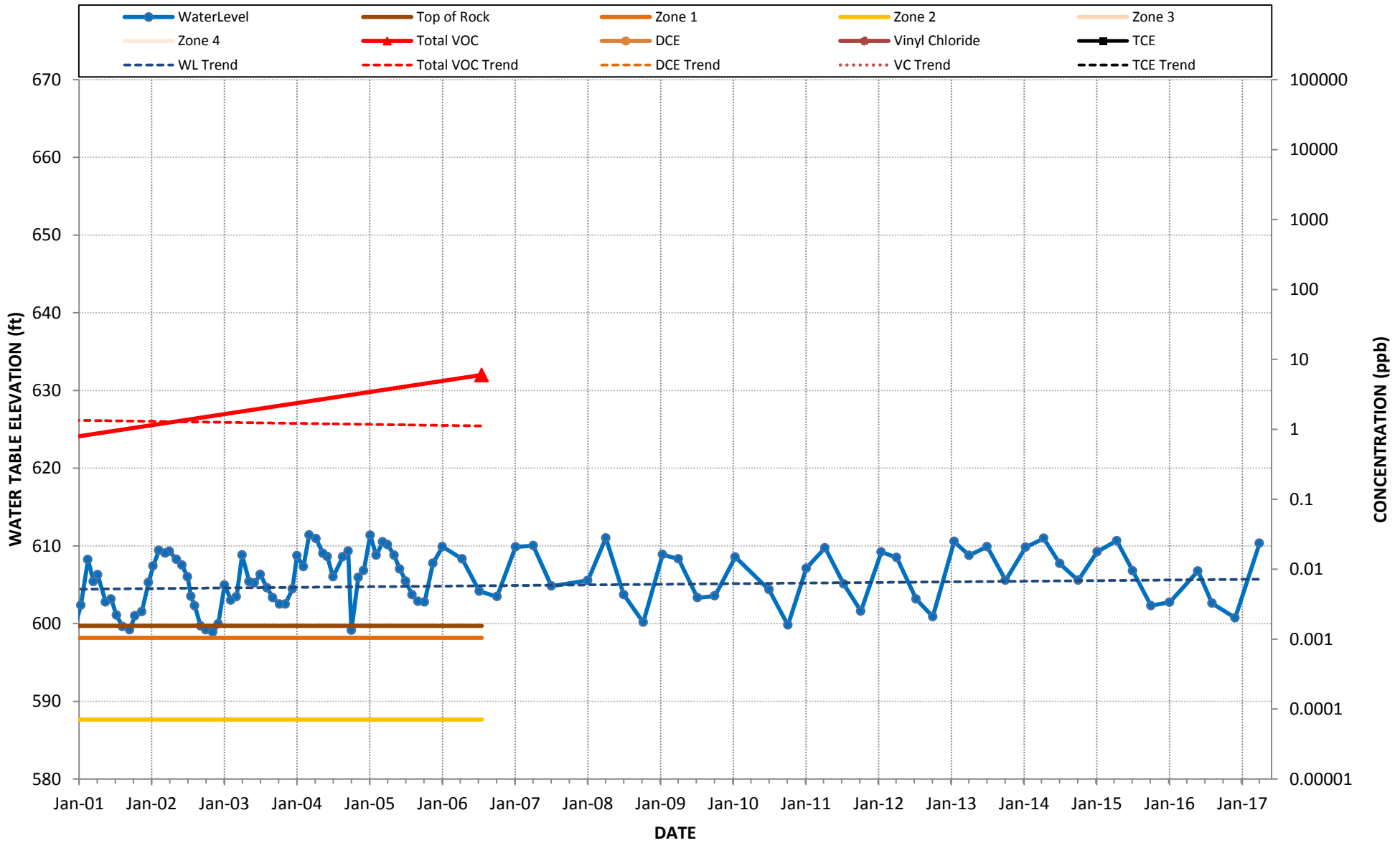


WATER LEVELS & CHLORINATED SOLVENT CONCENTRATIONS B-19M

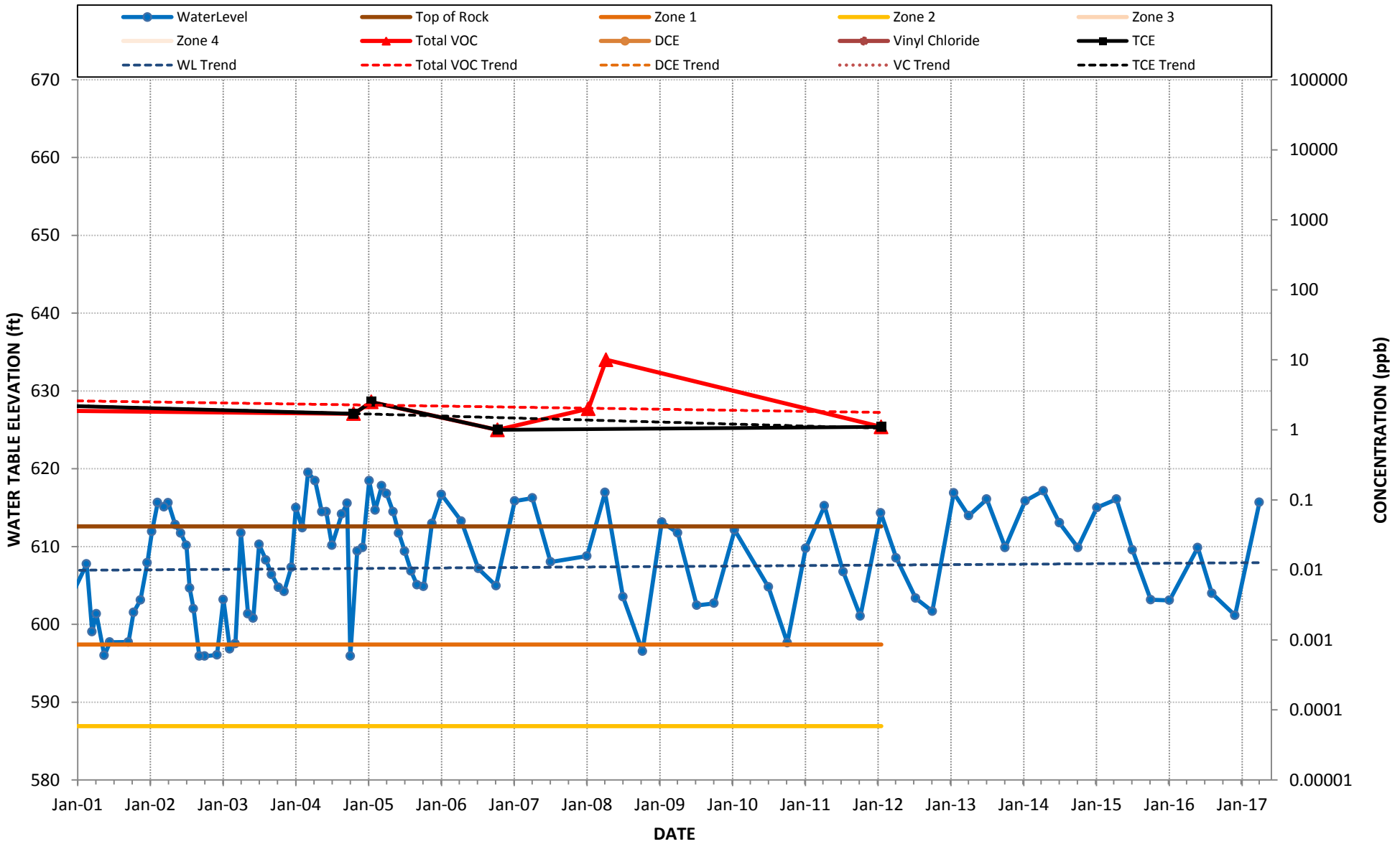


WATER LEVELS & CHLORINATED SOLVENT CONCENTRATIONS

B-20M

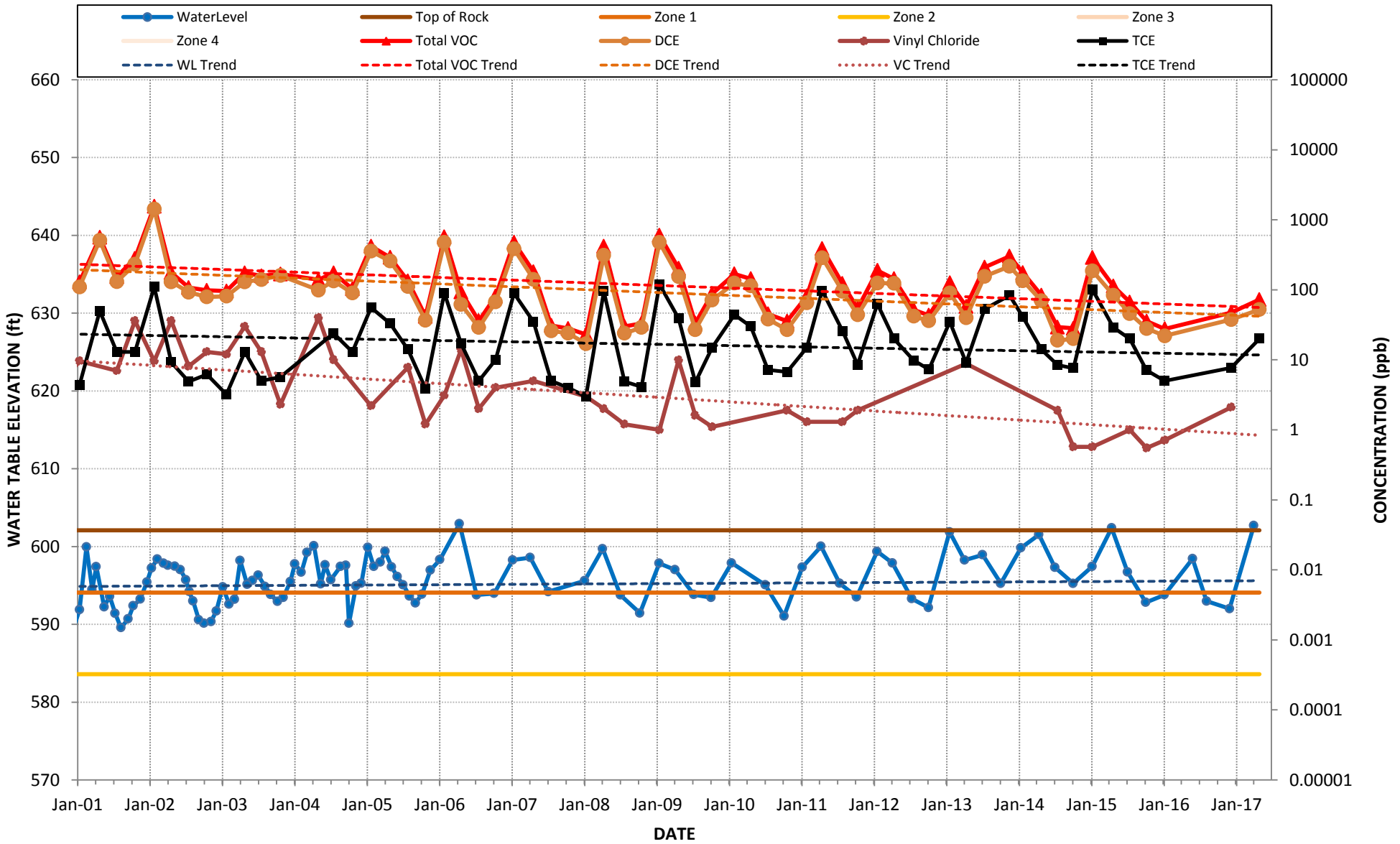


WATER LEVELS & CHLORINATED SOLVENT CONCENTRATIONS B-21M

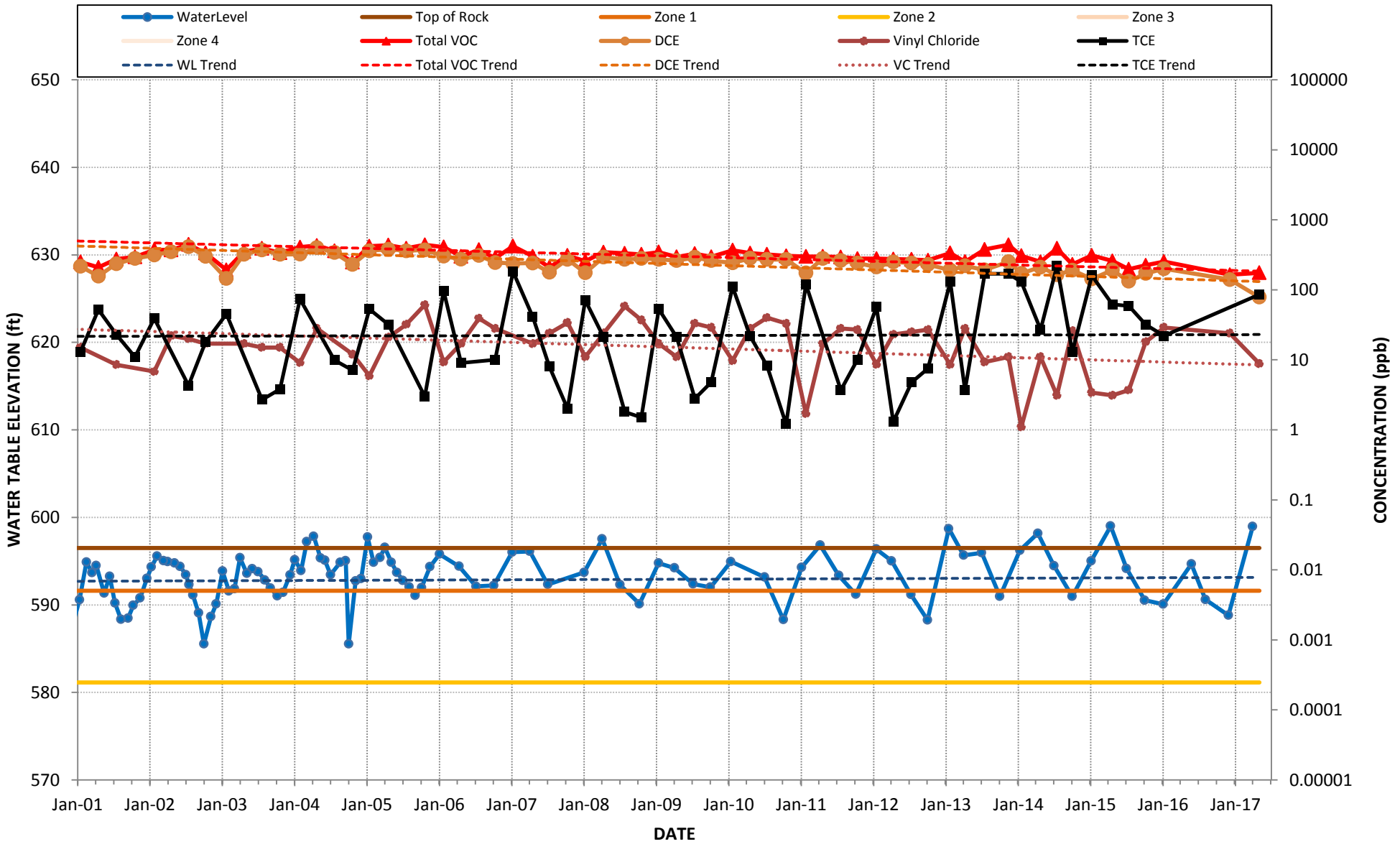


WATER LEVELS & CHLORINATED SOLVENT CONCENTRATIONS

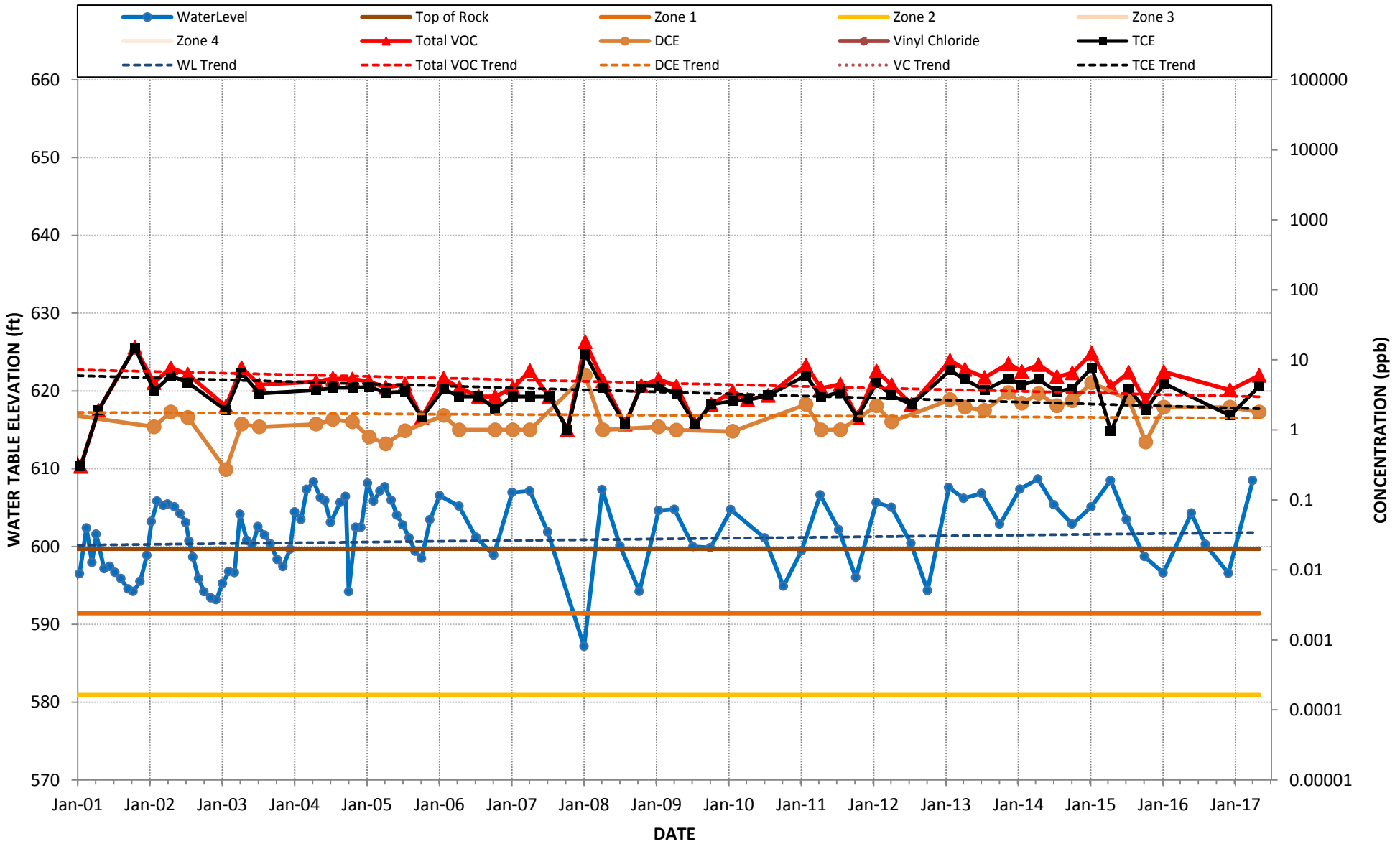
B-22M



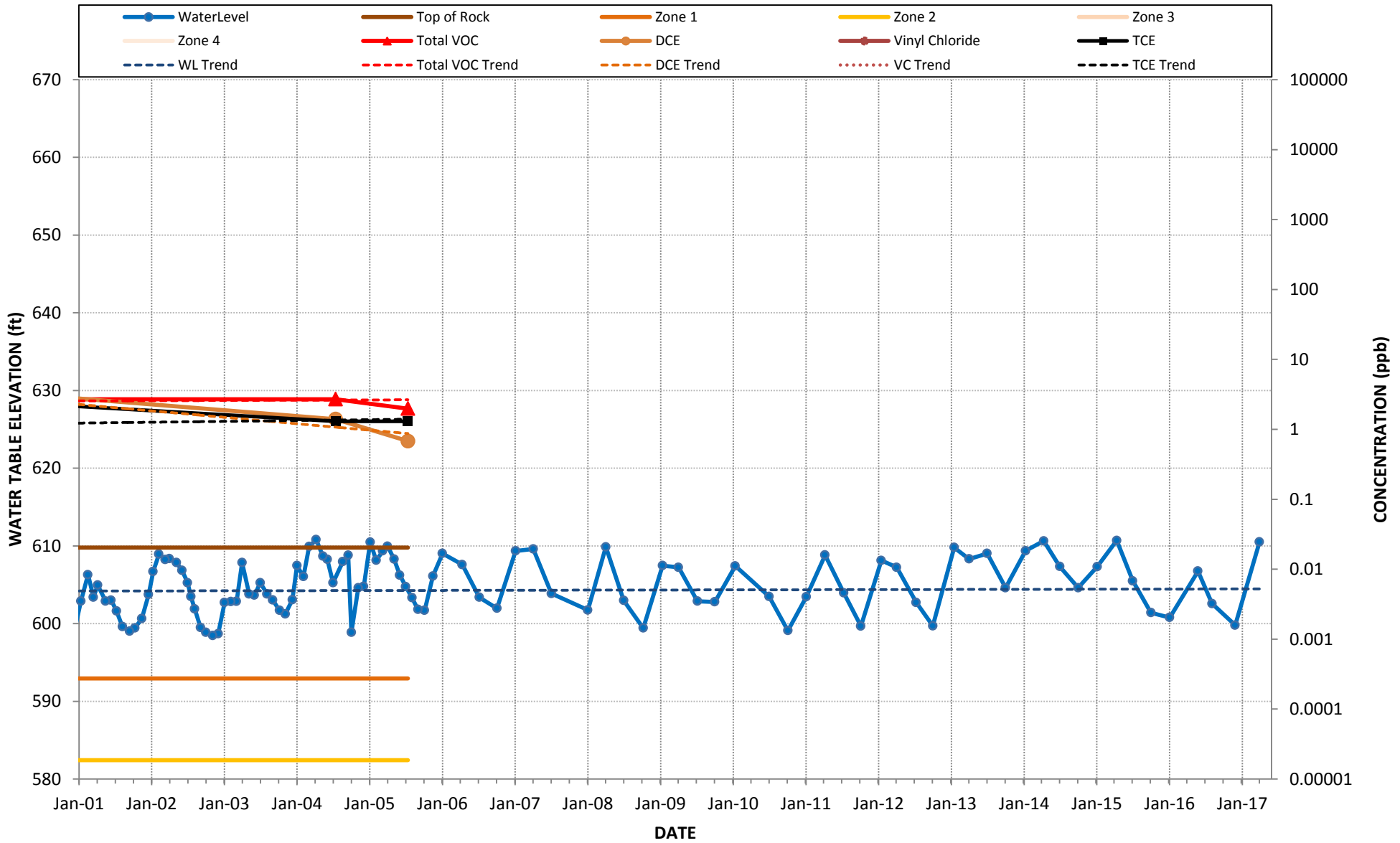
WATER LEVELS & CHLORINATED SOLVENT CONCENTRATIONS B-23M



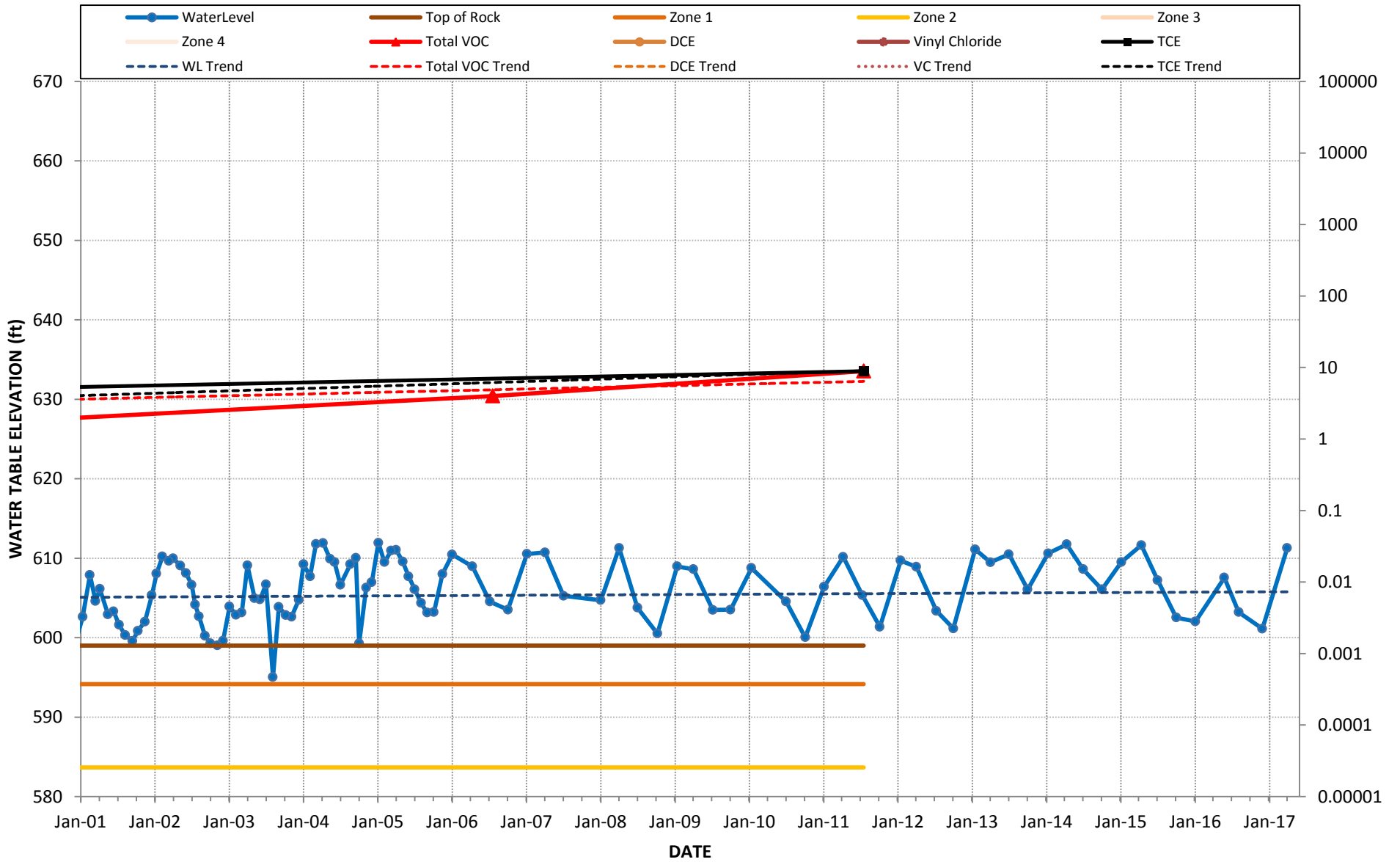
WATER LEVELS & CHLORINATED SOLVENT CONCENTRATIONS B-24M



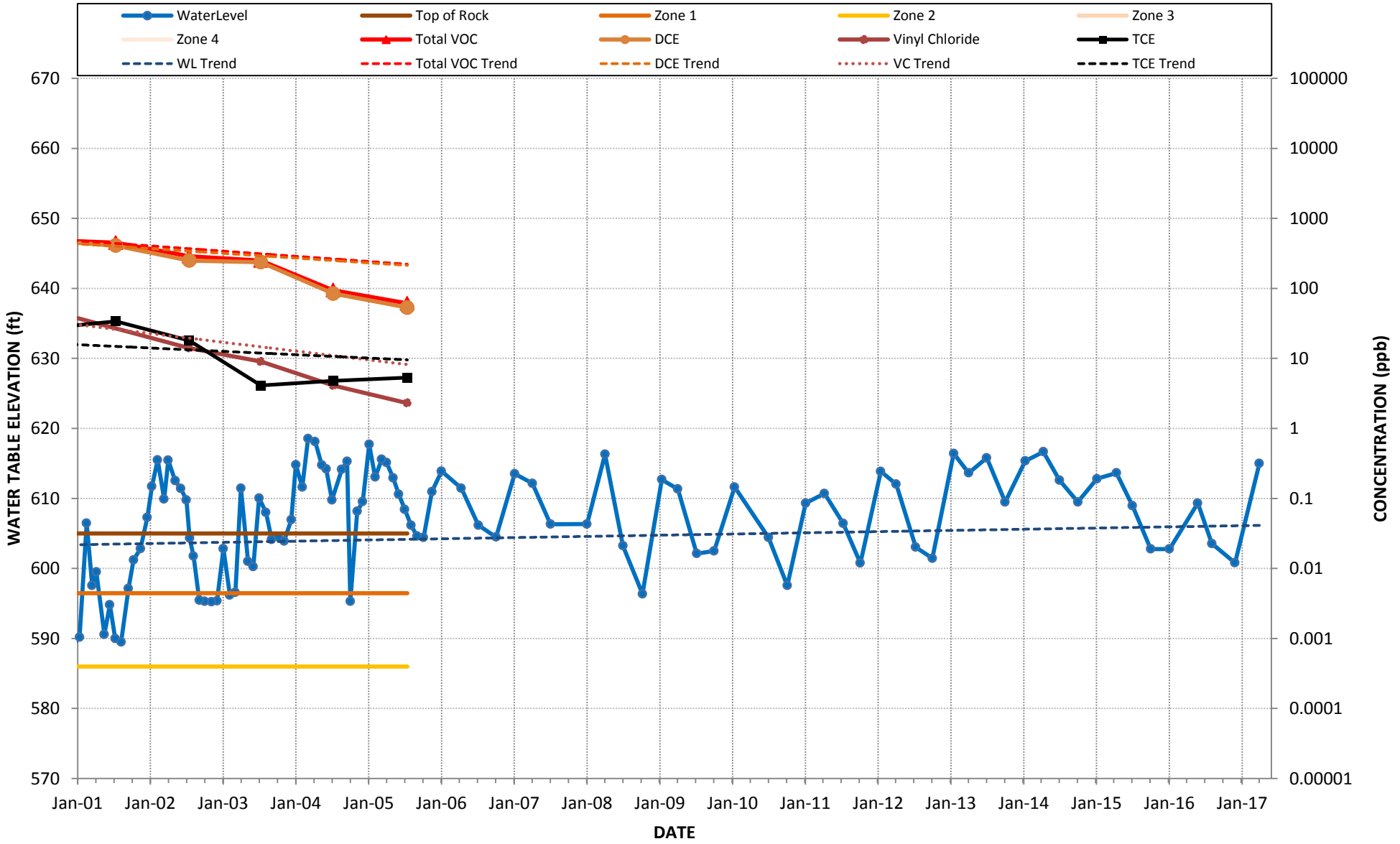
WATER LEVELS & CHLORINATED SOLVENT CONCENTRATIONS B-25M



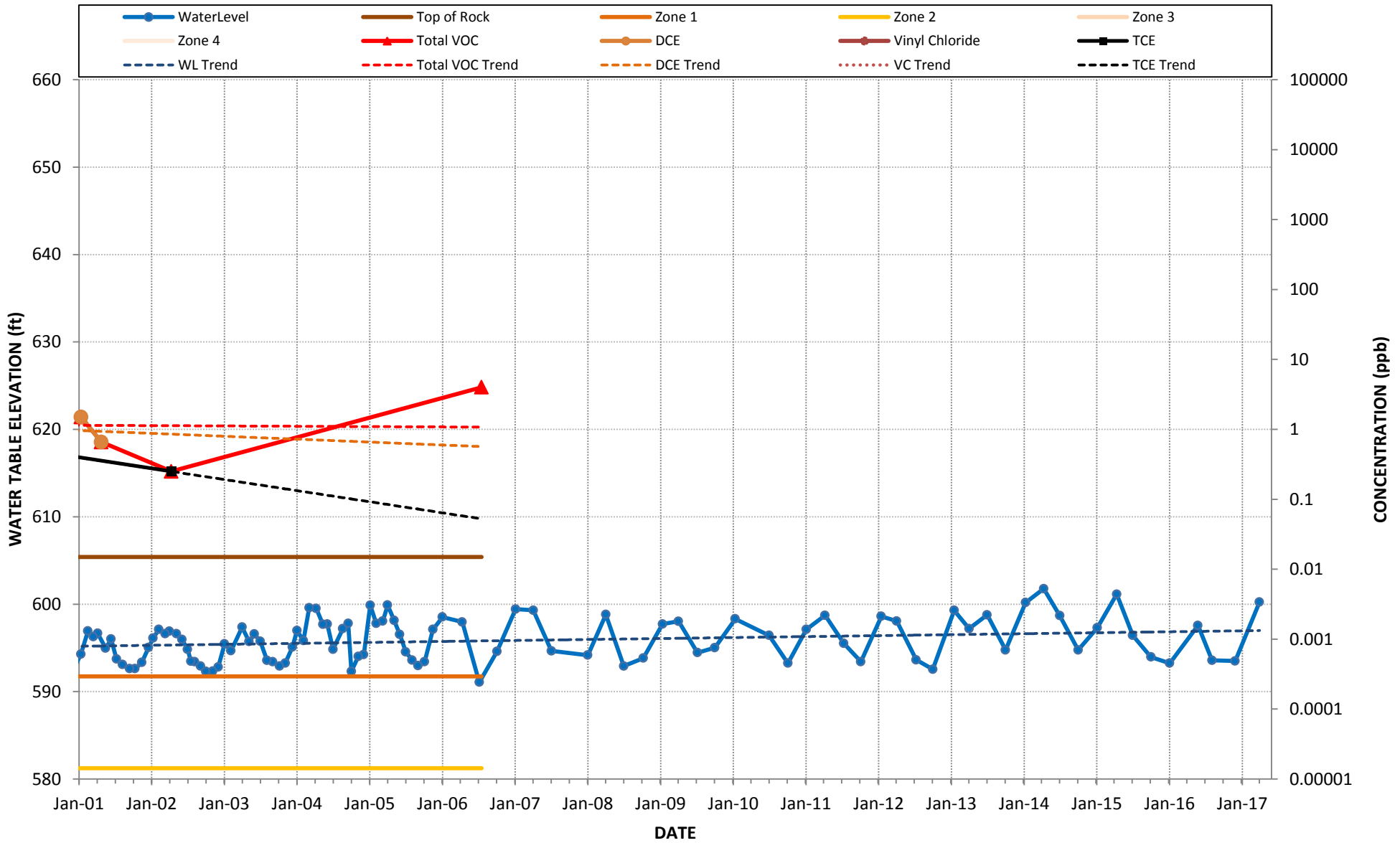
WATER LEVELS & CHLORINATED SOLVENT CONCENTRATIONS B-26M



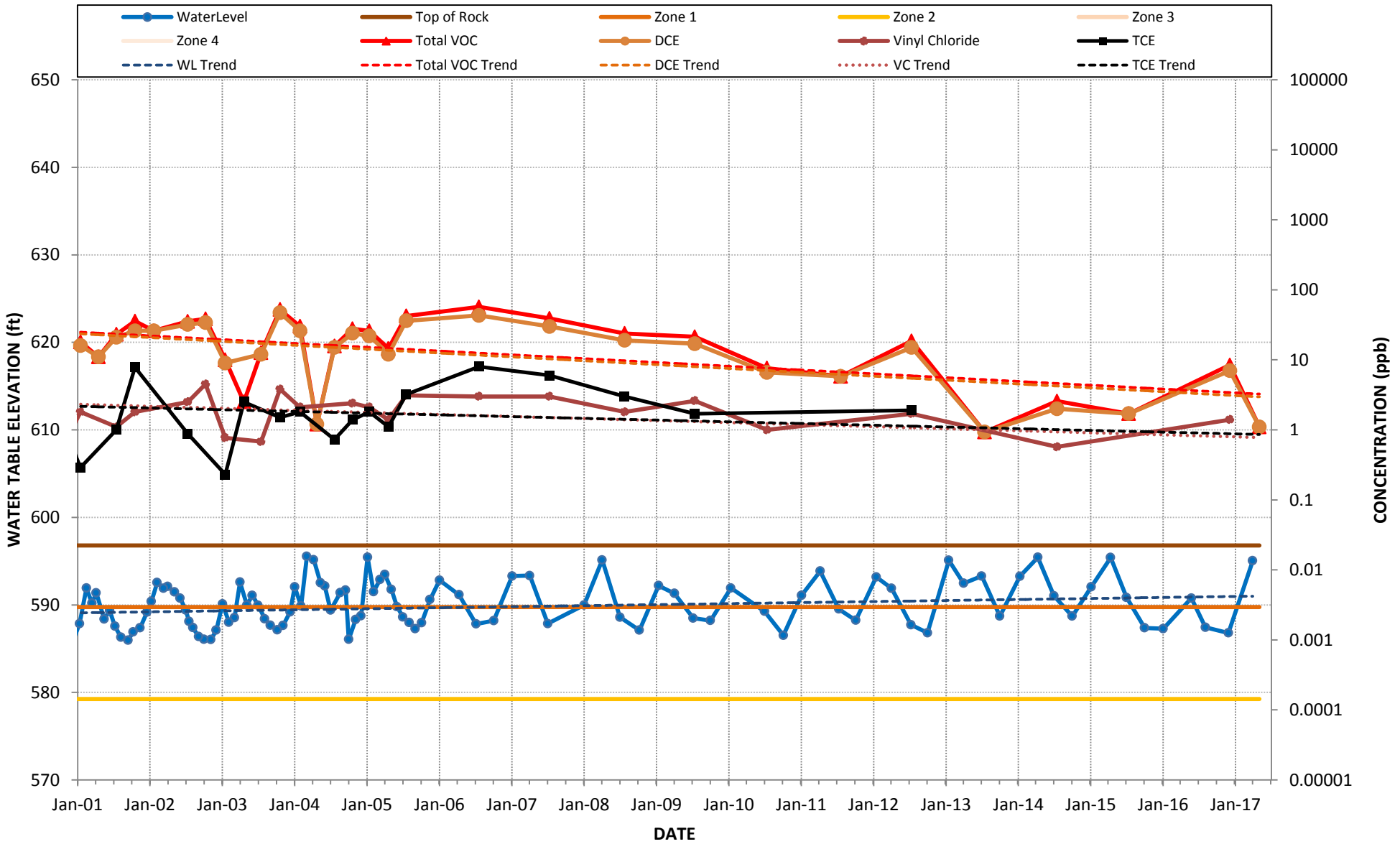
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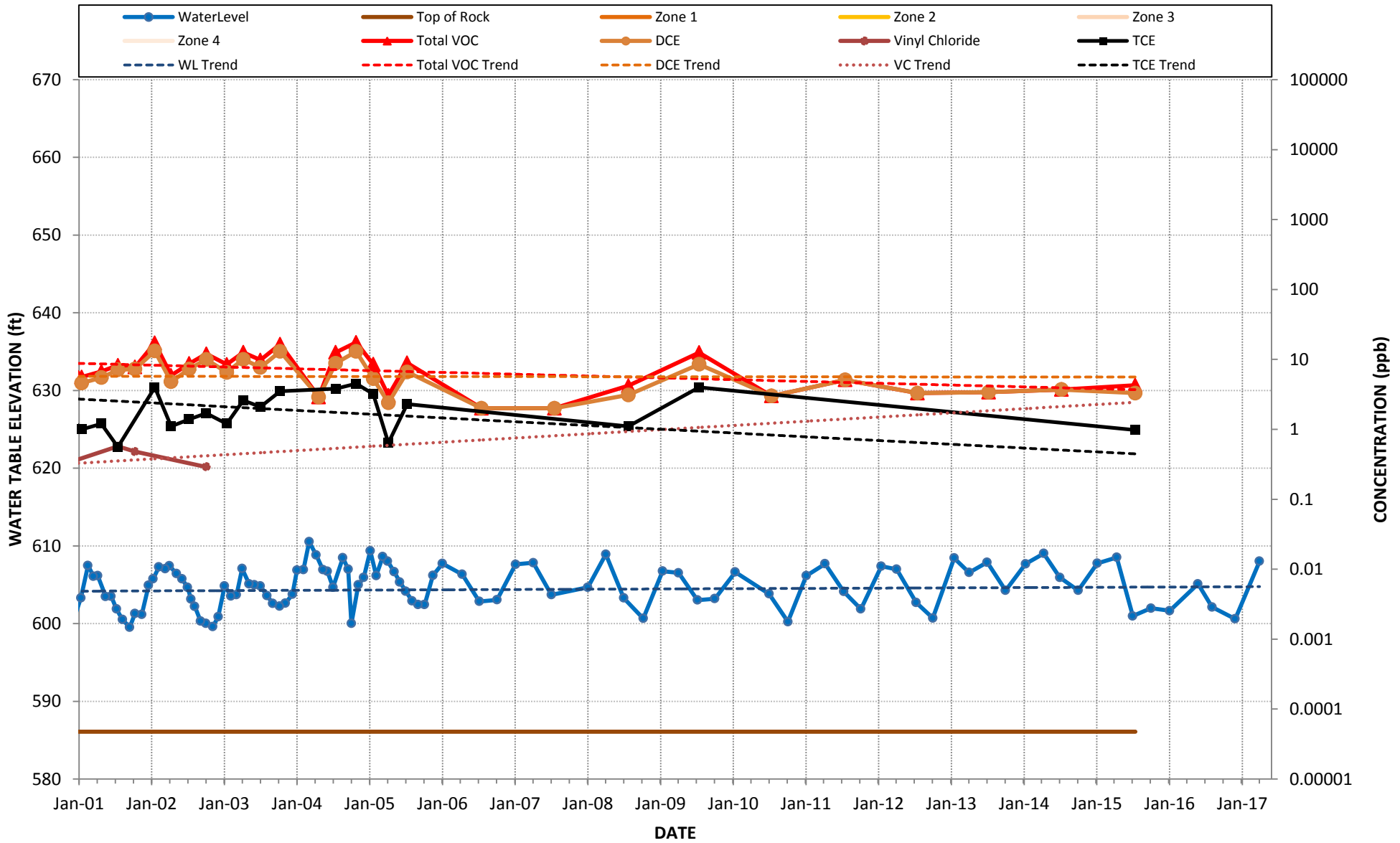
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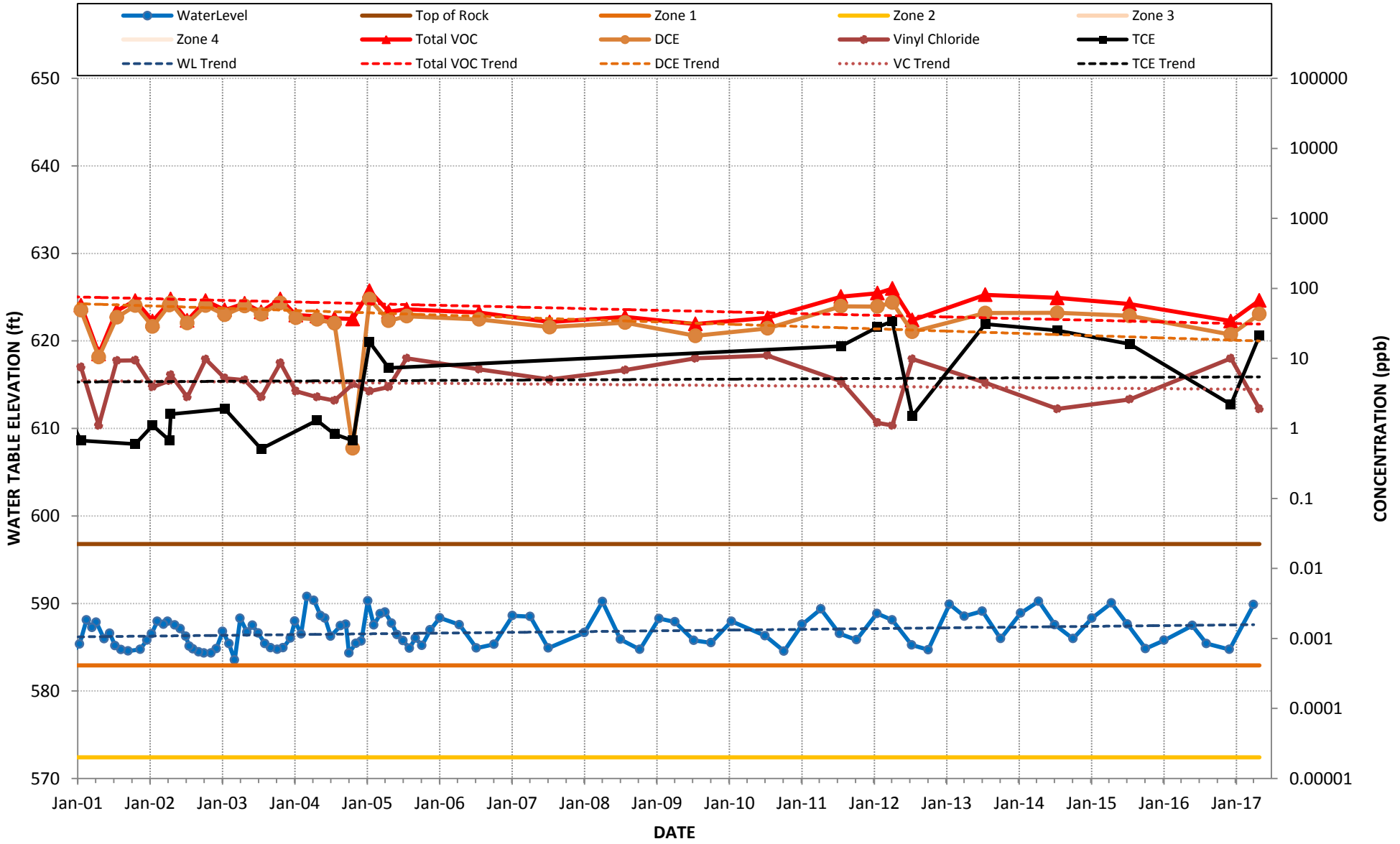
WATER LEVELS & CHLORINATED SOLVENT CONCENTRATIONS B-29M



WATER LEVELS & CHLORINATED SOLVENT CONCENTRATIONS B-31M

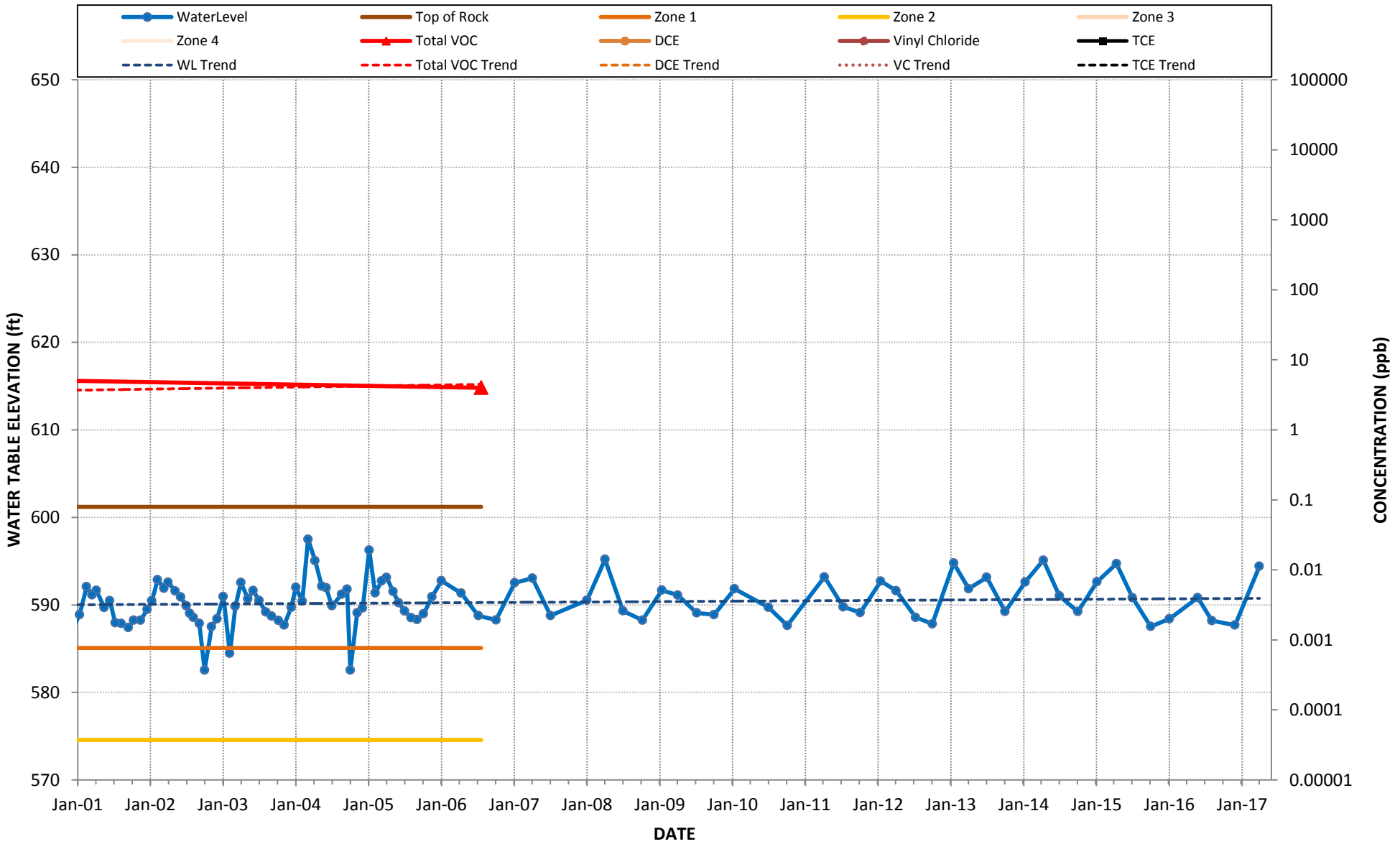


WATER LEVELS & CHLORINATED SOLVENT CONCENTRATIONS B-32M

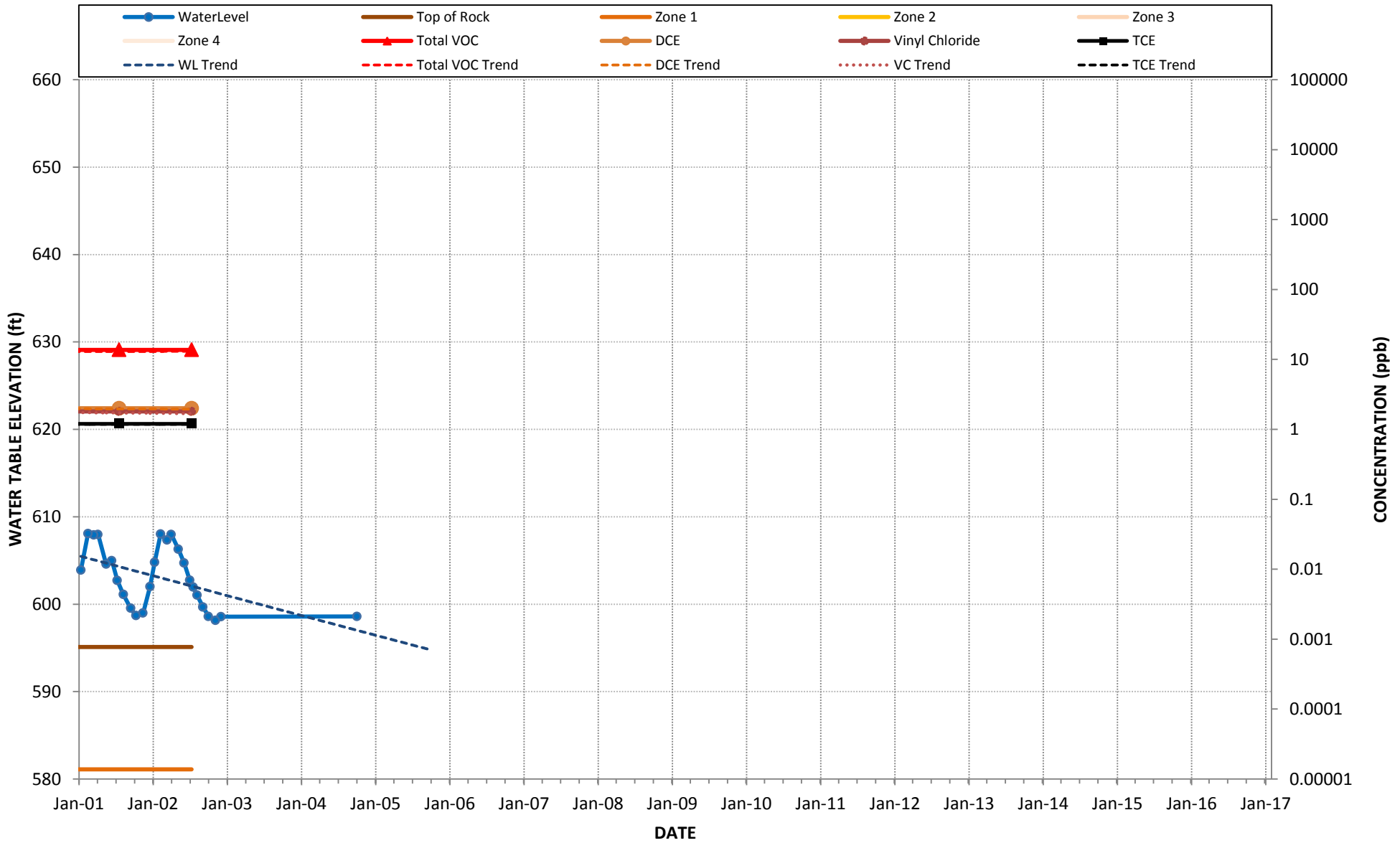


WATER LEVELS & CHLORINATED SOLVENT CONCENTRATIONS

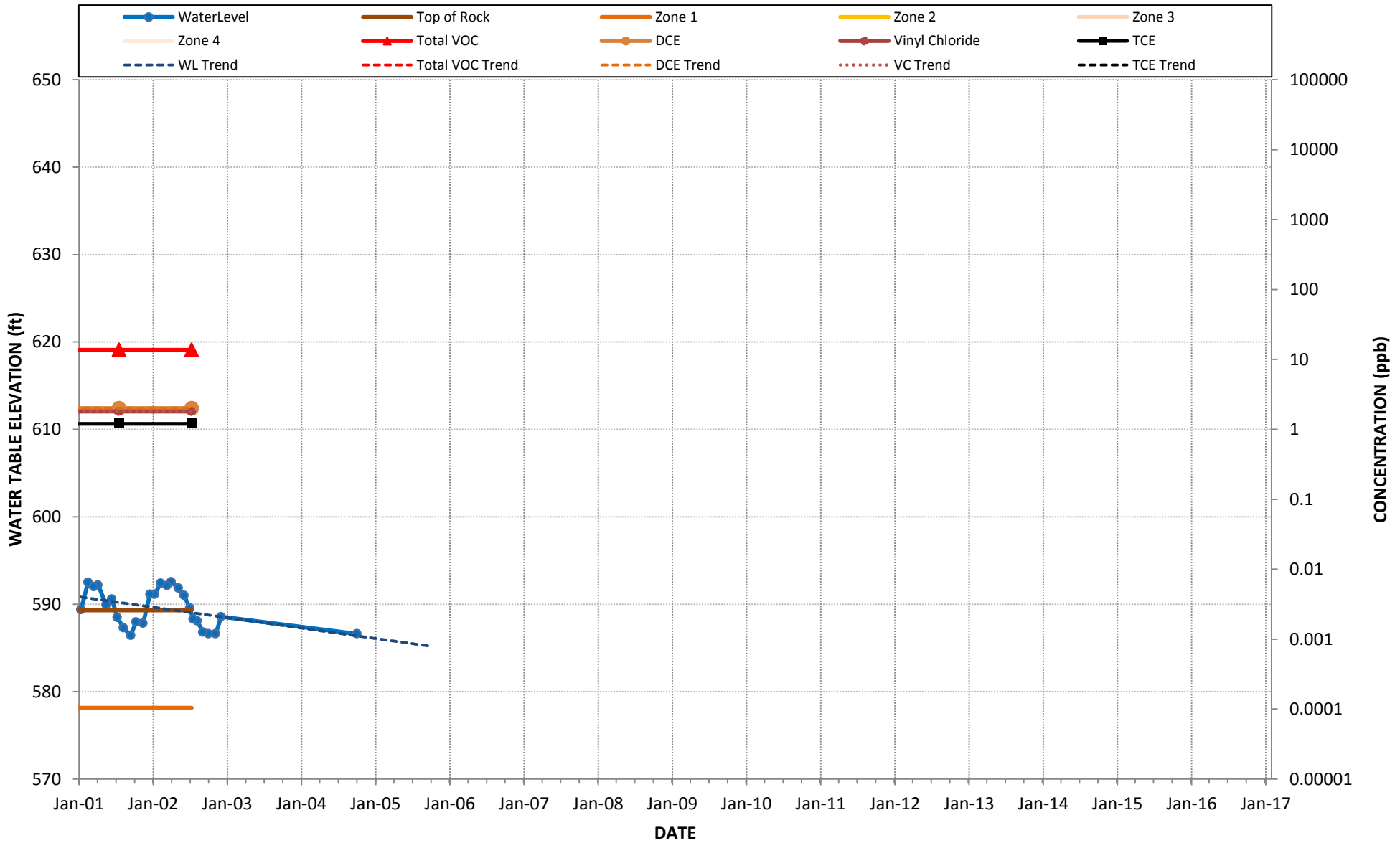
B-33M



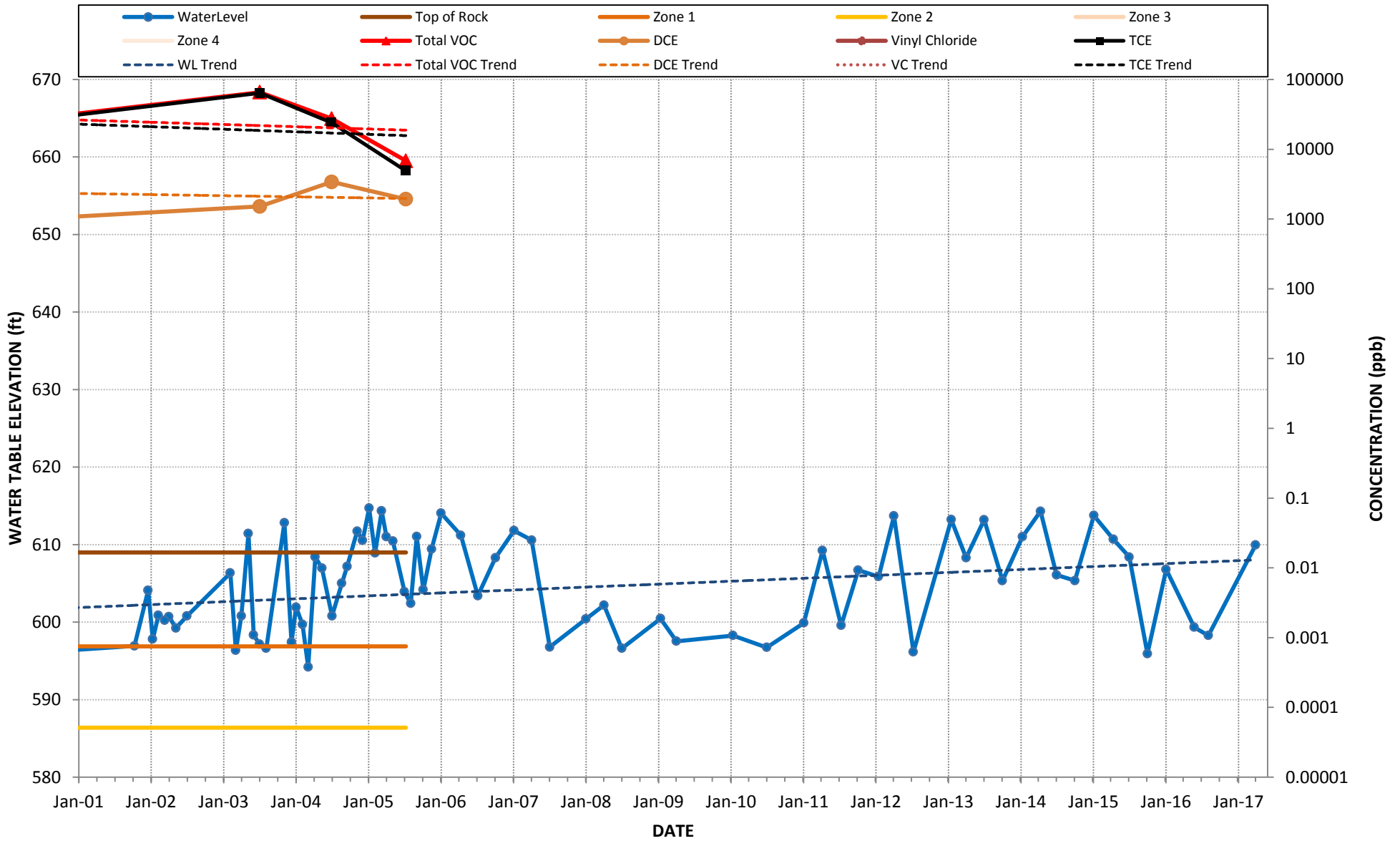
WATER LEVELS & CHLORINATED SOLVENT CONCENTRATIONS B-34M



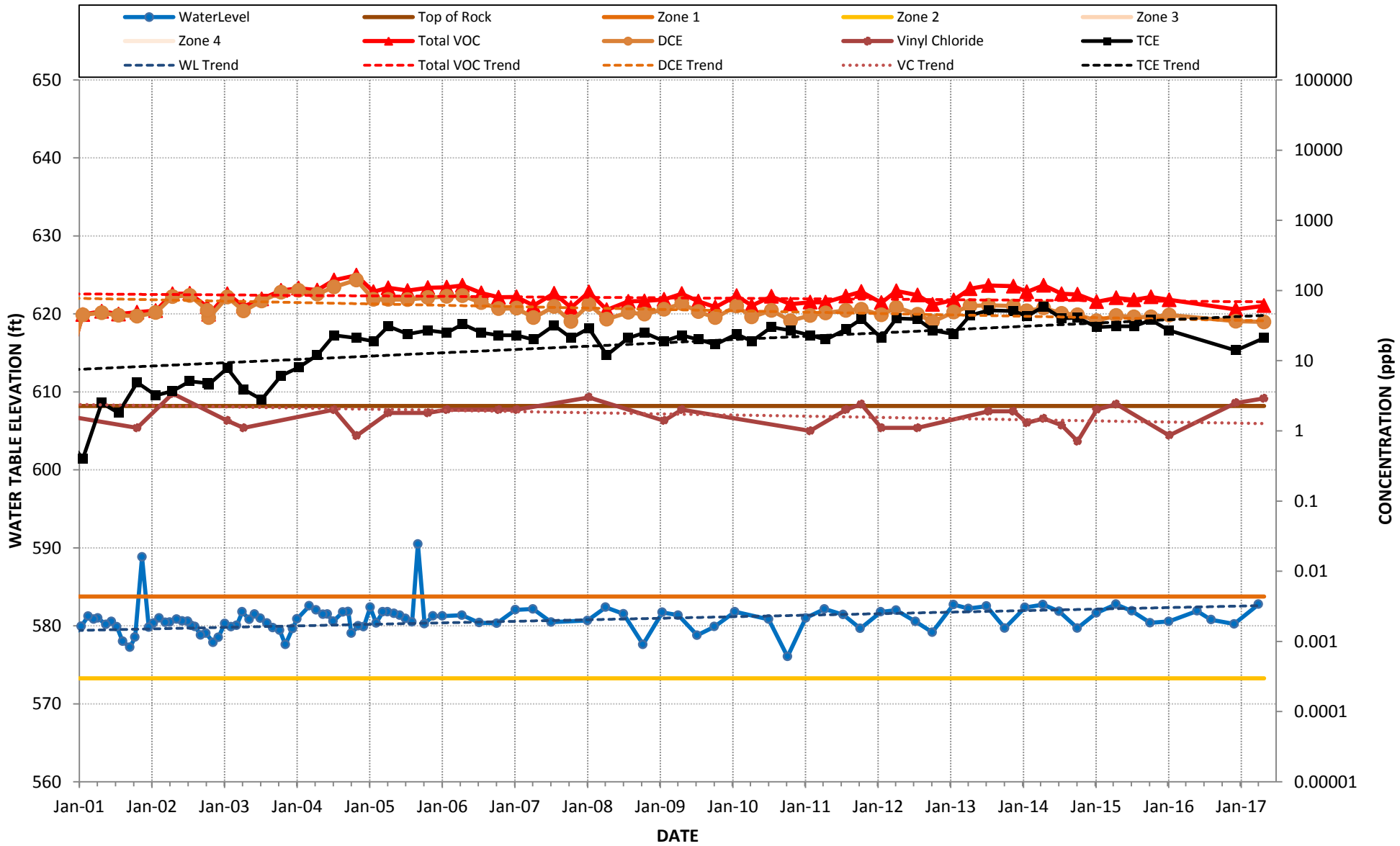
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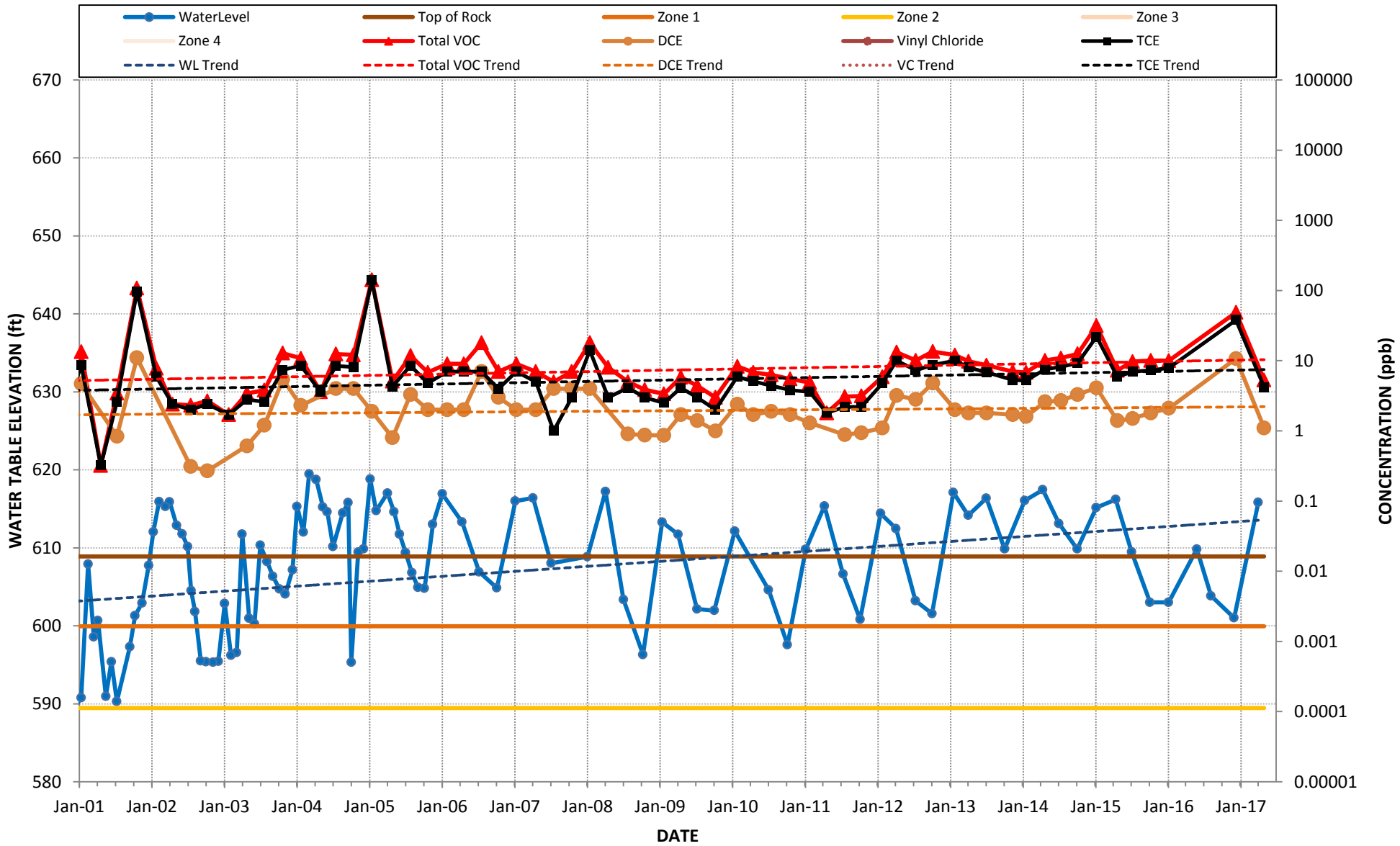
WATER LEVELS & CHLORINATED SOLVENT CONCENTRATIONS B-37M



WATER LEVELS & CHLORINATED SOLVENT CONCENTRATIONS B-38M

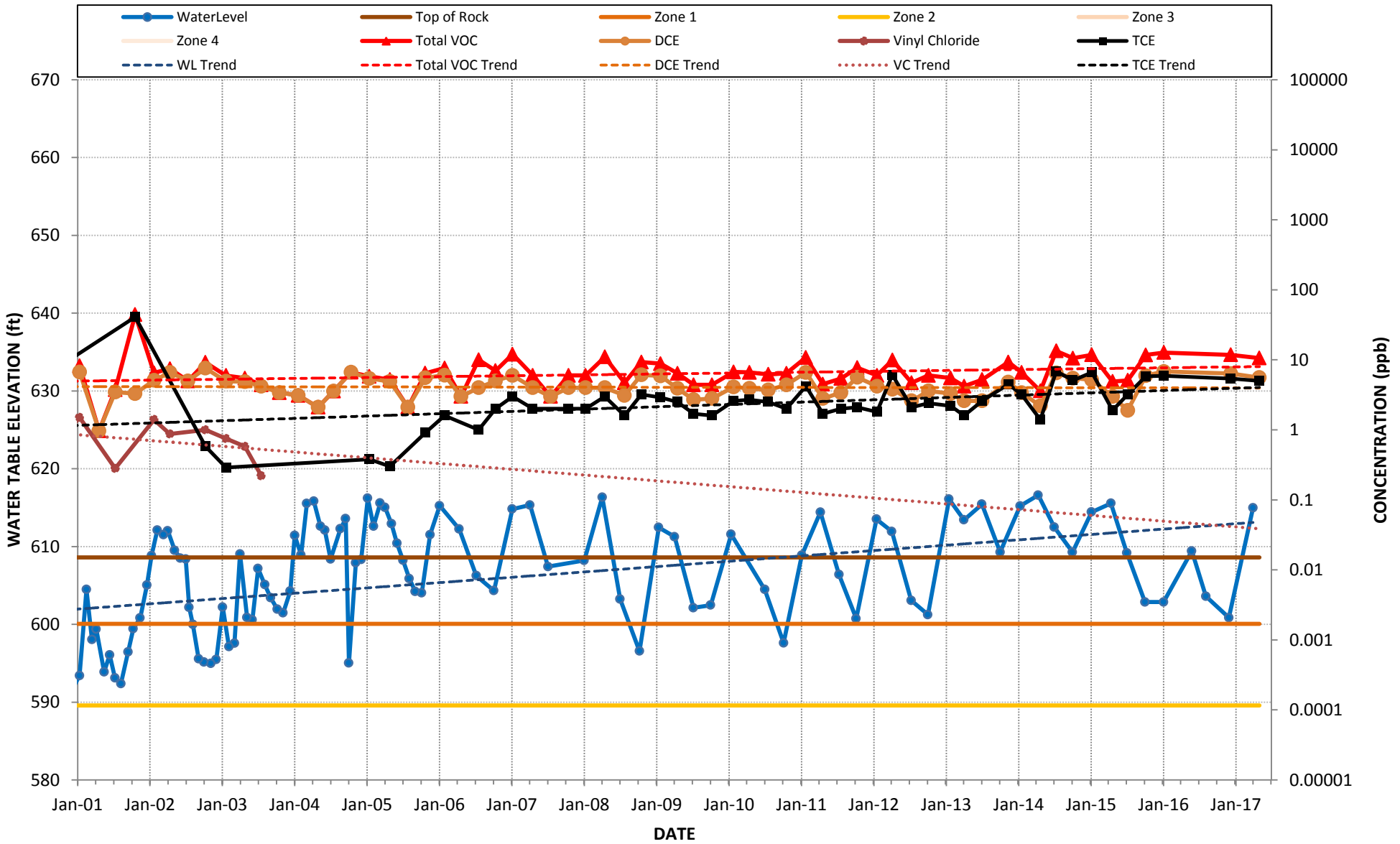


WATER LEVELS & CHLORINATED SOLVENT CONCENTRATIONS B-39M

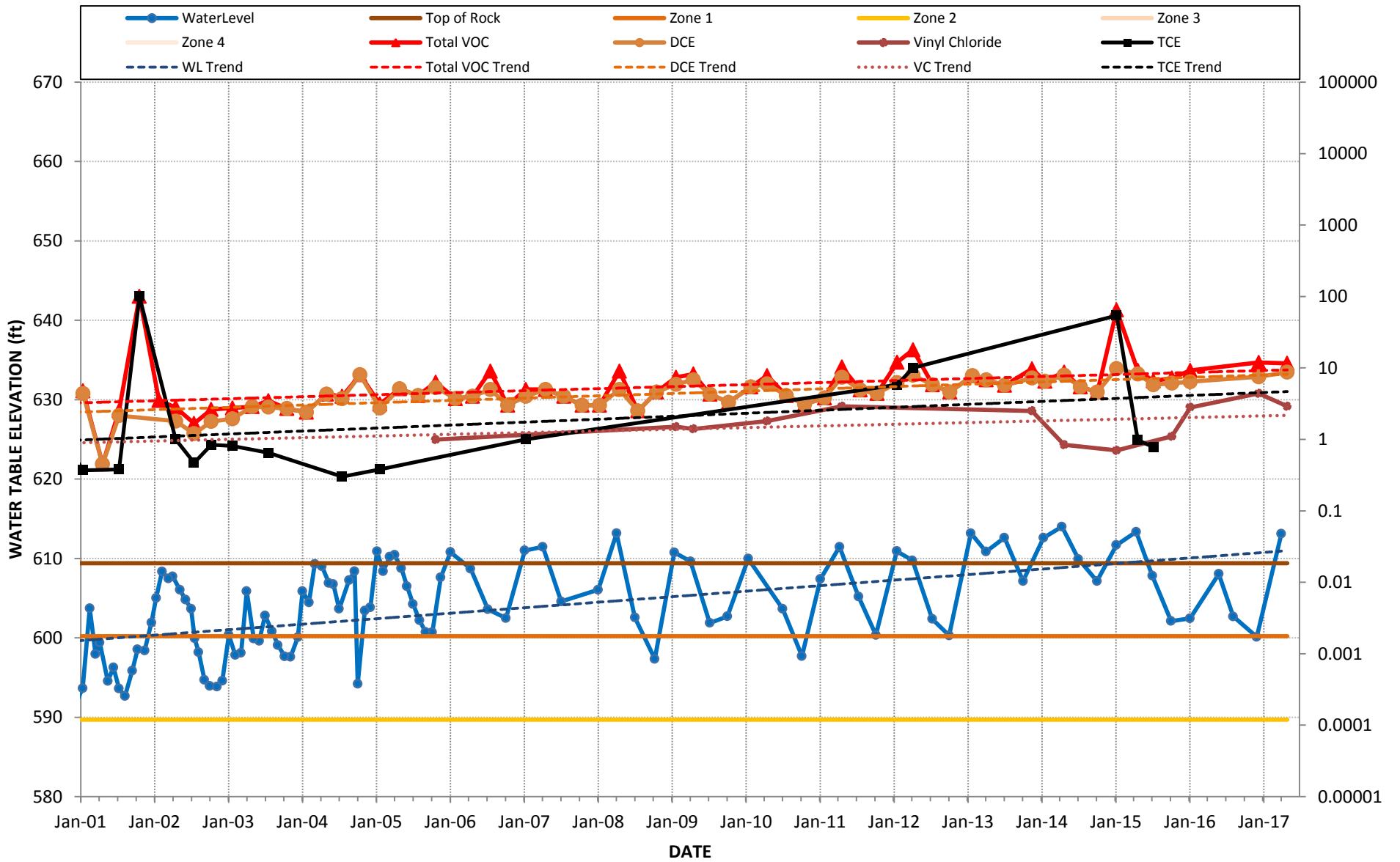


WATER LEVELS & CHLORINATED SOLVENT CONCENTRATIONS

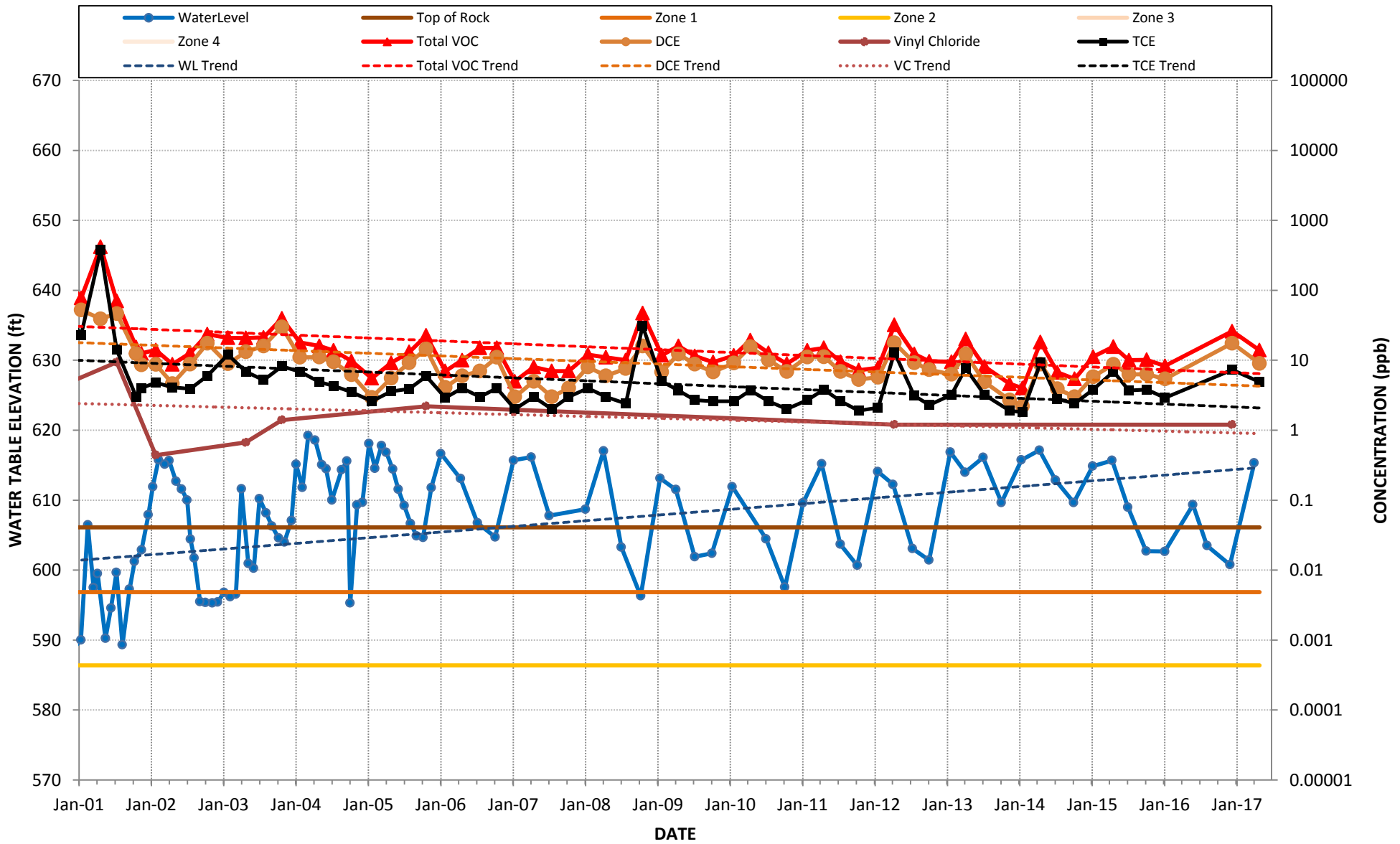
B-40M



WATER LEVELS & CHLORINATED SOLVENT CONCENTRATIONS B-41M

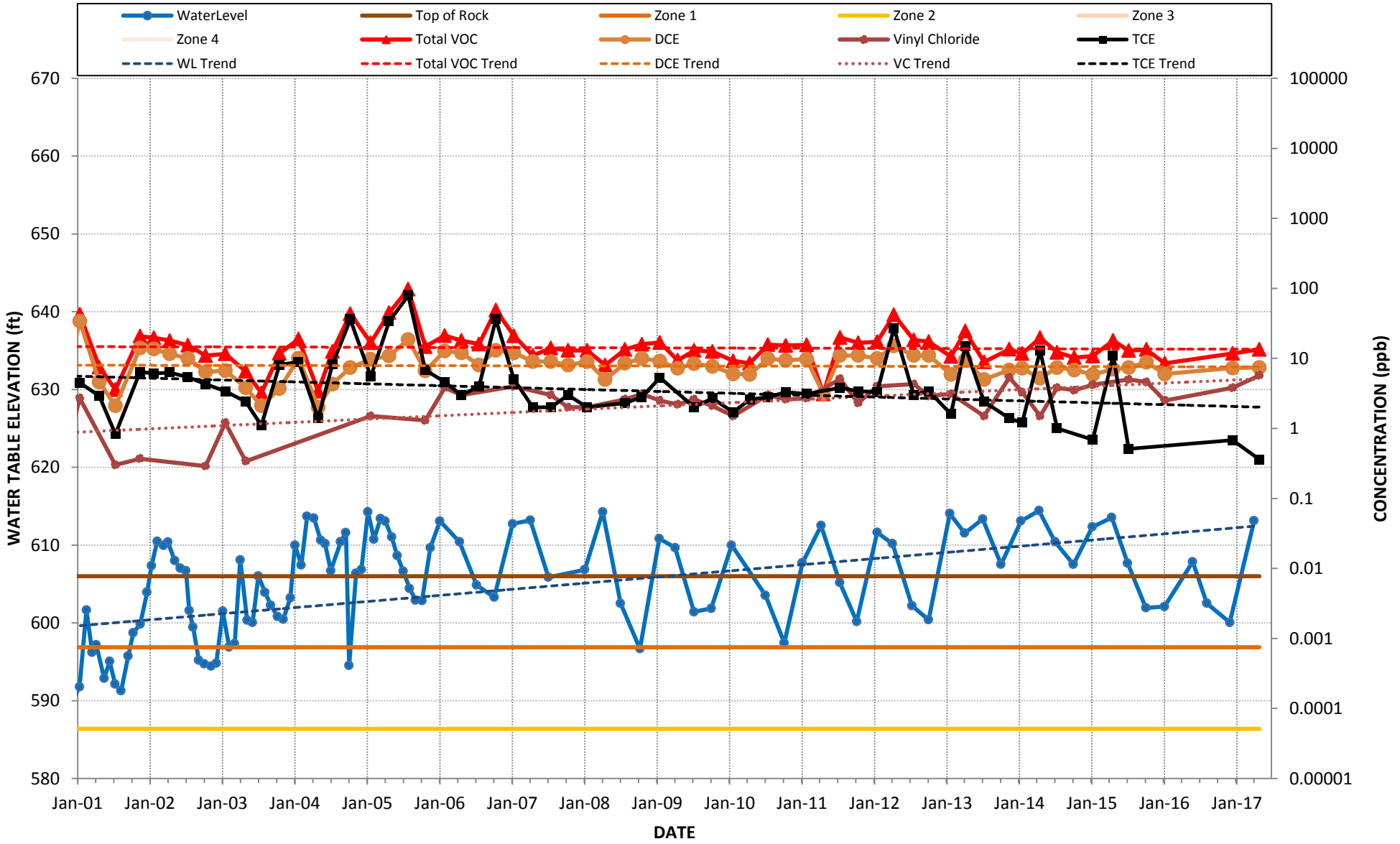


WATER LEVELS & CHLORINATED SOLVENT CONCENTRATIONS B-42M

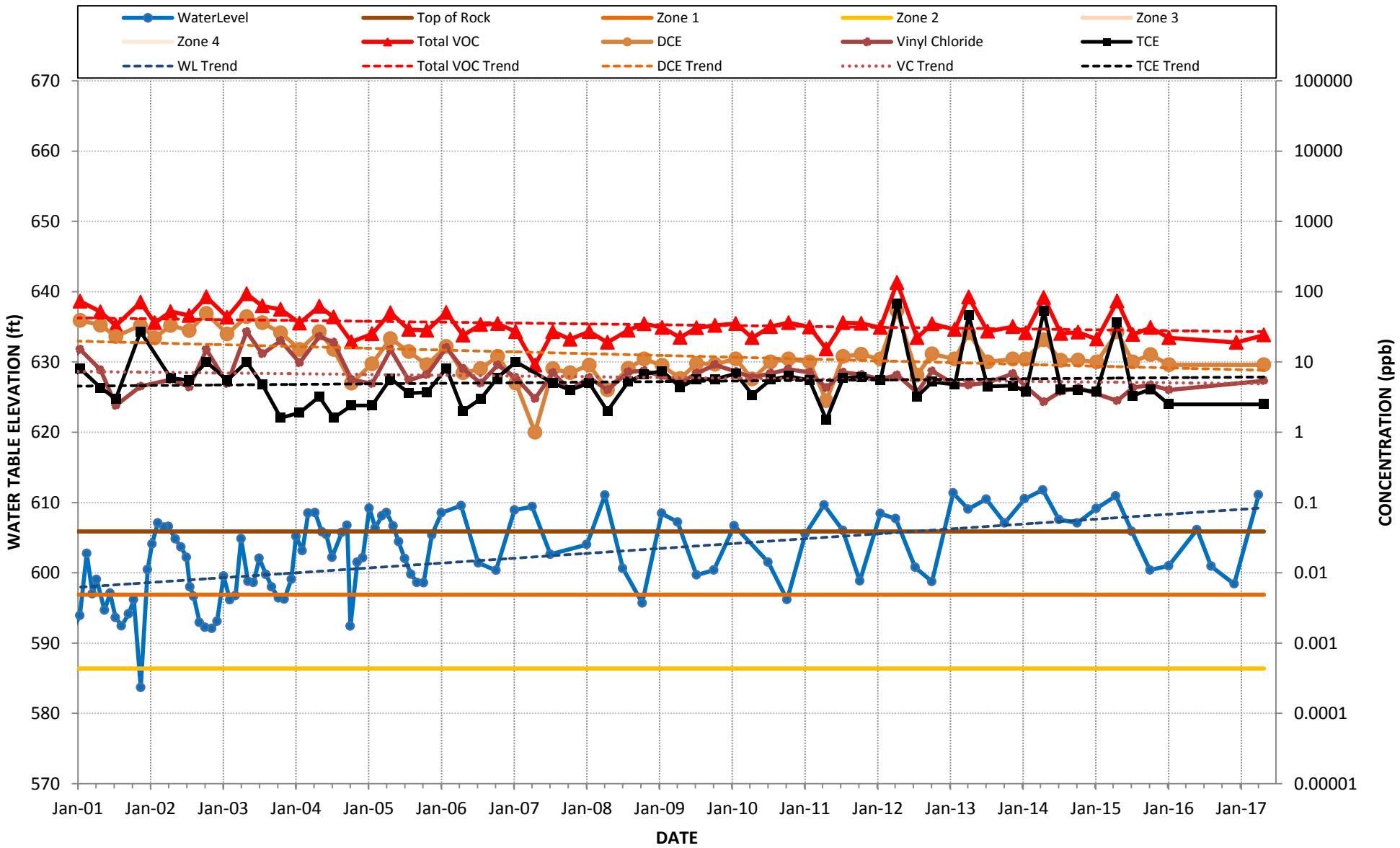


WATER LEVELS & CHLORINATED SOLVENT CONCENTRATIONS

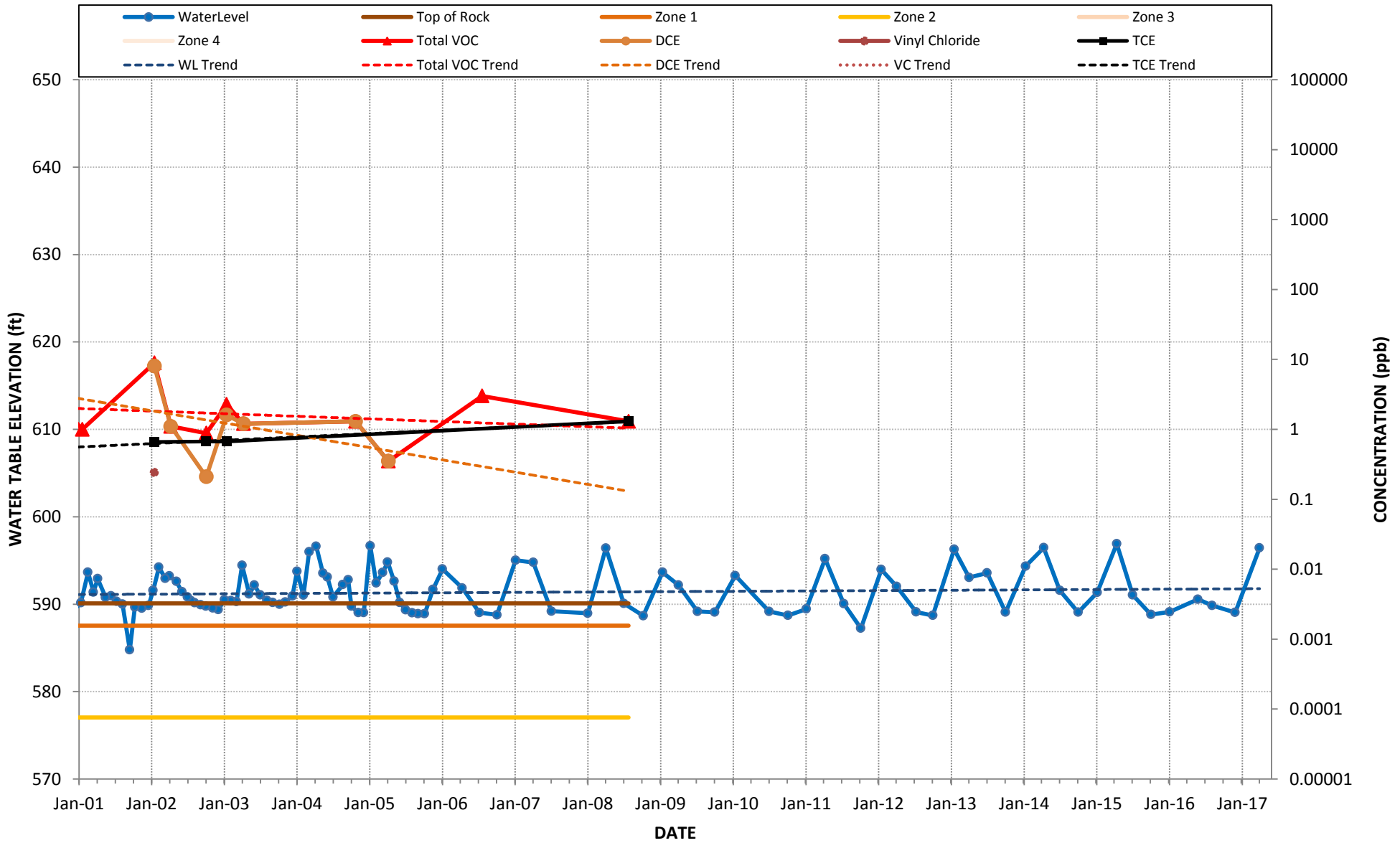
B-43M



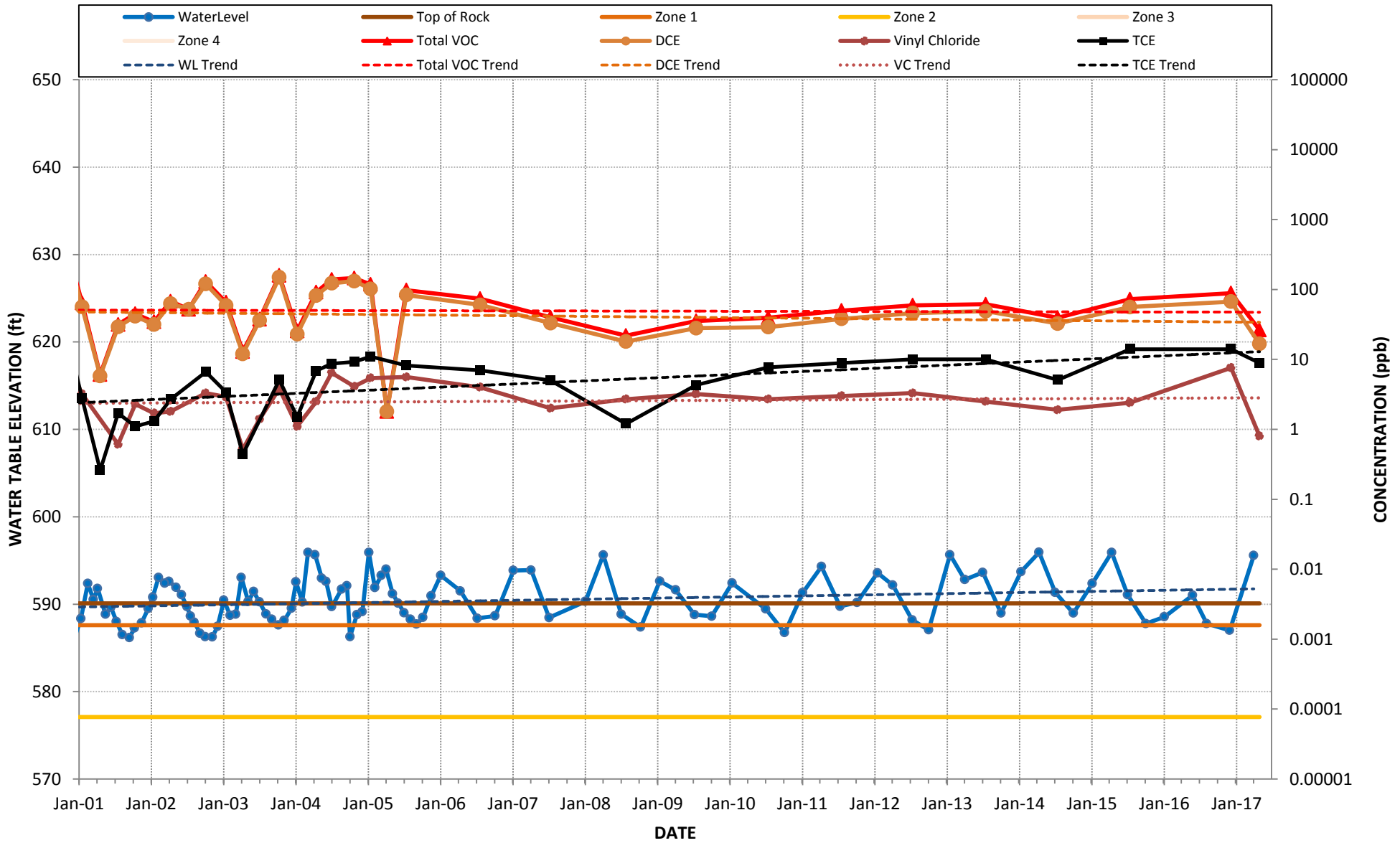
WATER LEVELS & CHLORINATED SOLVENT CONCENTRATIONS B-44M



WATER LEVELS & CHLORINATED SOLVENT CONCENTRATIONS B-45M

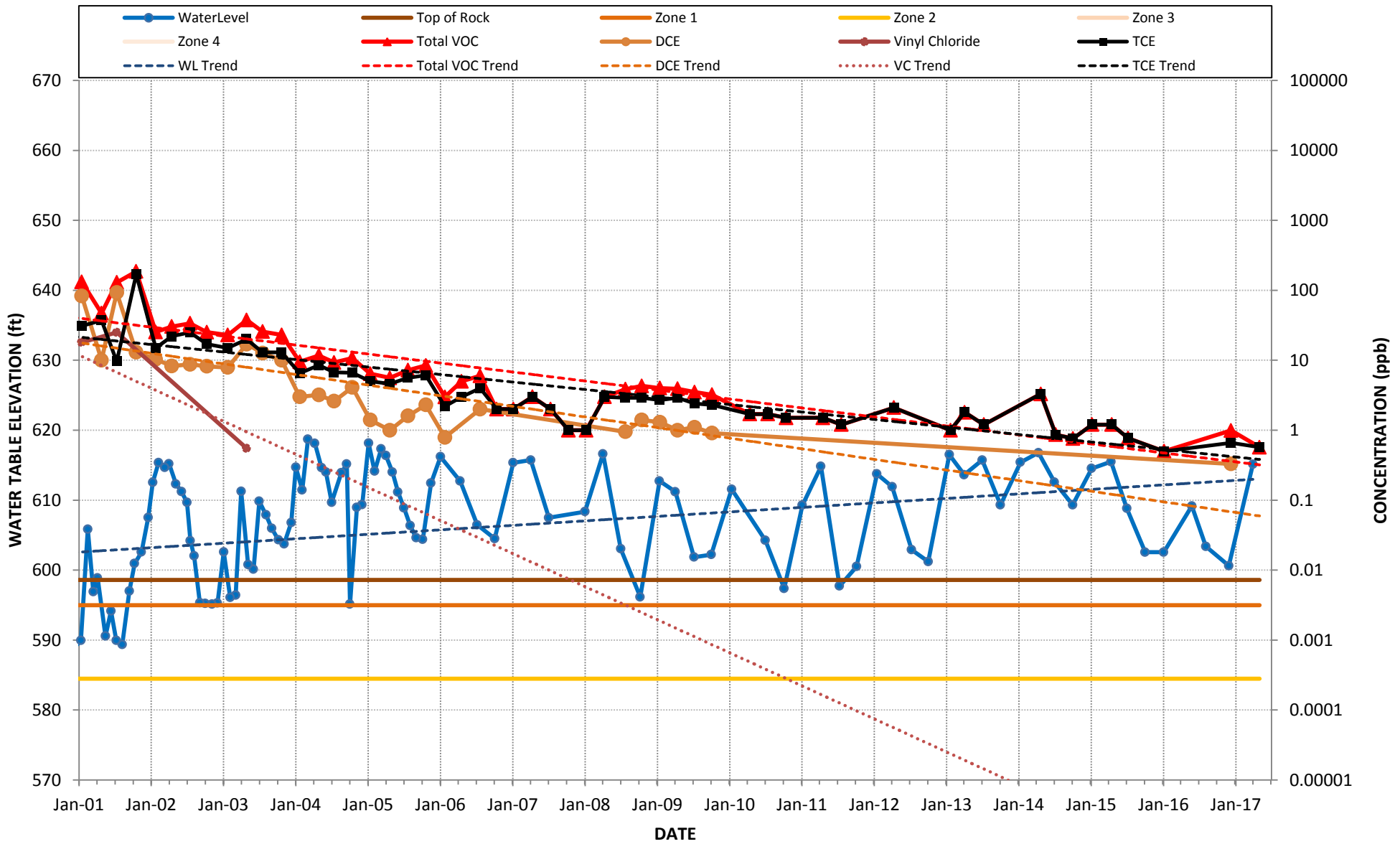


WATER LEVELS & CHLORINATED SOLVENT CONCENTRATIONS B-46M

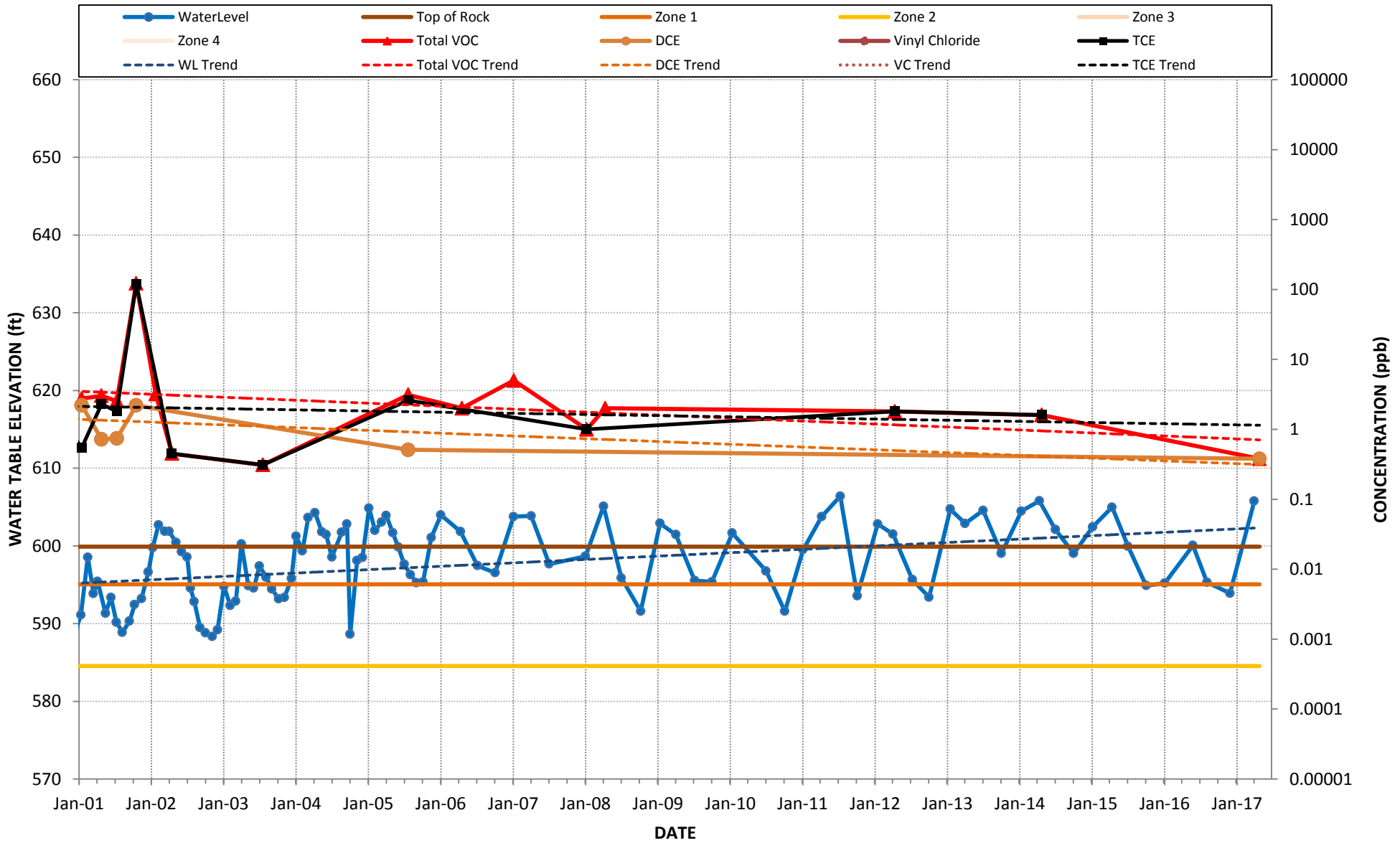


WATER LEVELS & CHLORINATED SOLVENT CONCENTRATIONS

B-48M

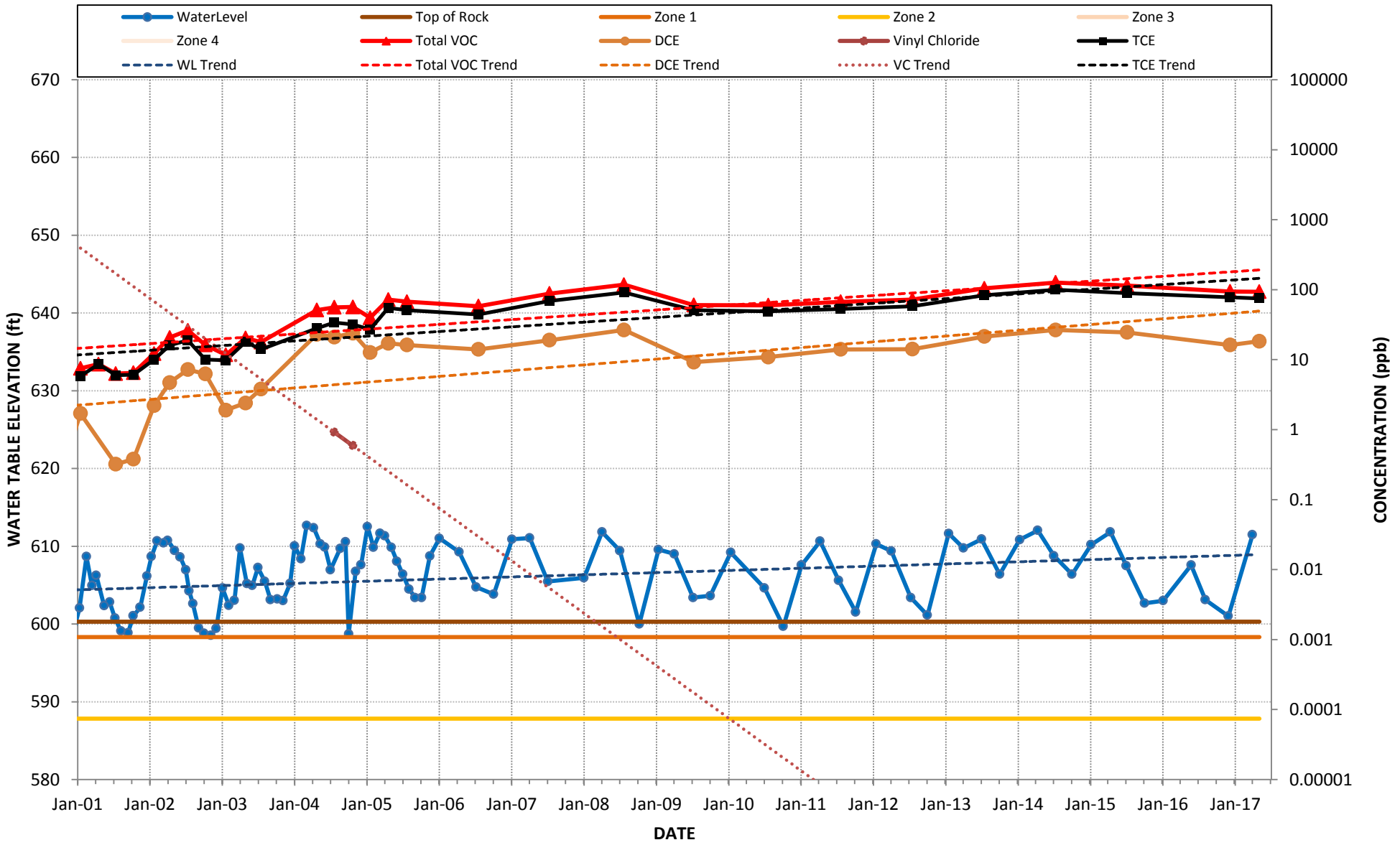


WATER LEVELS & CHLORINATED SOLVENT CONCENTRATIONS B-49M

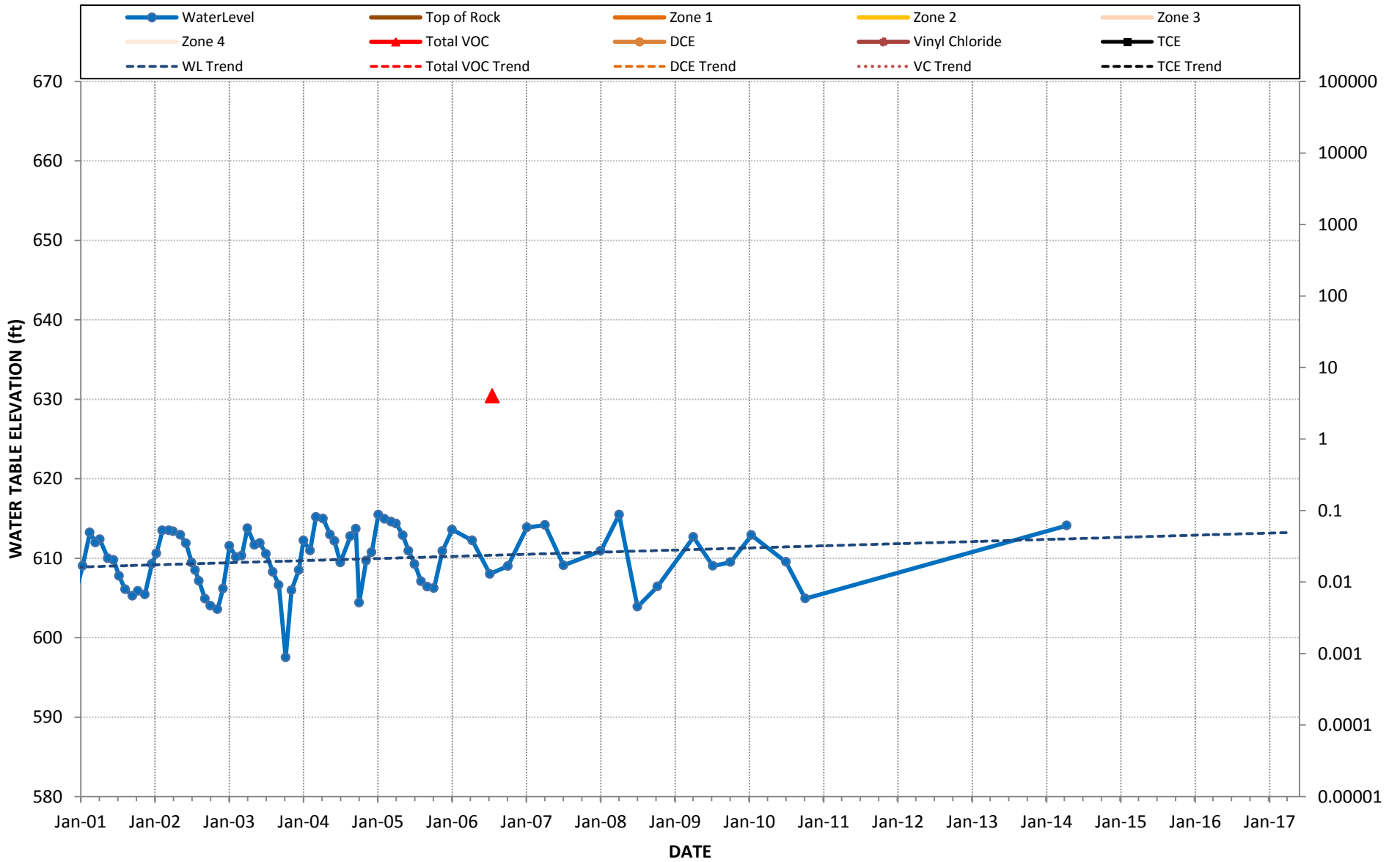


WATER LEVELS & CHLORINATED SOLVENT CONCENTRATIONS

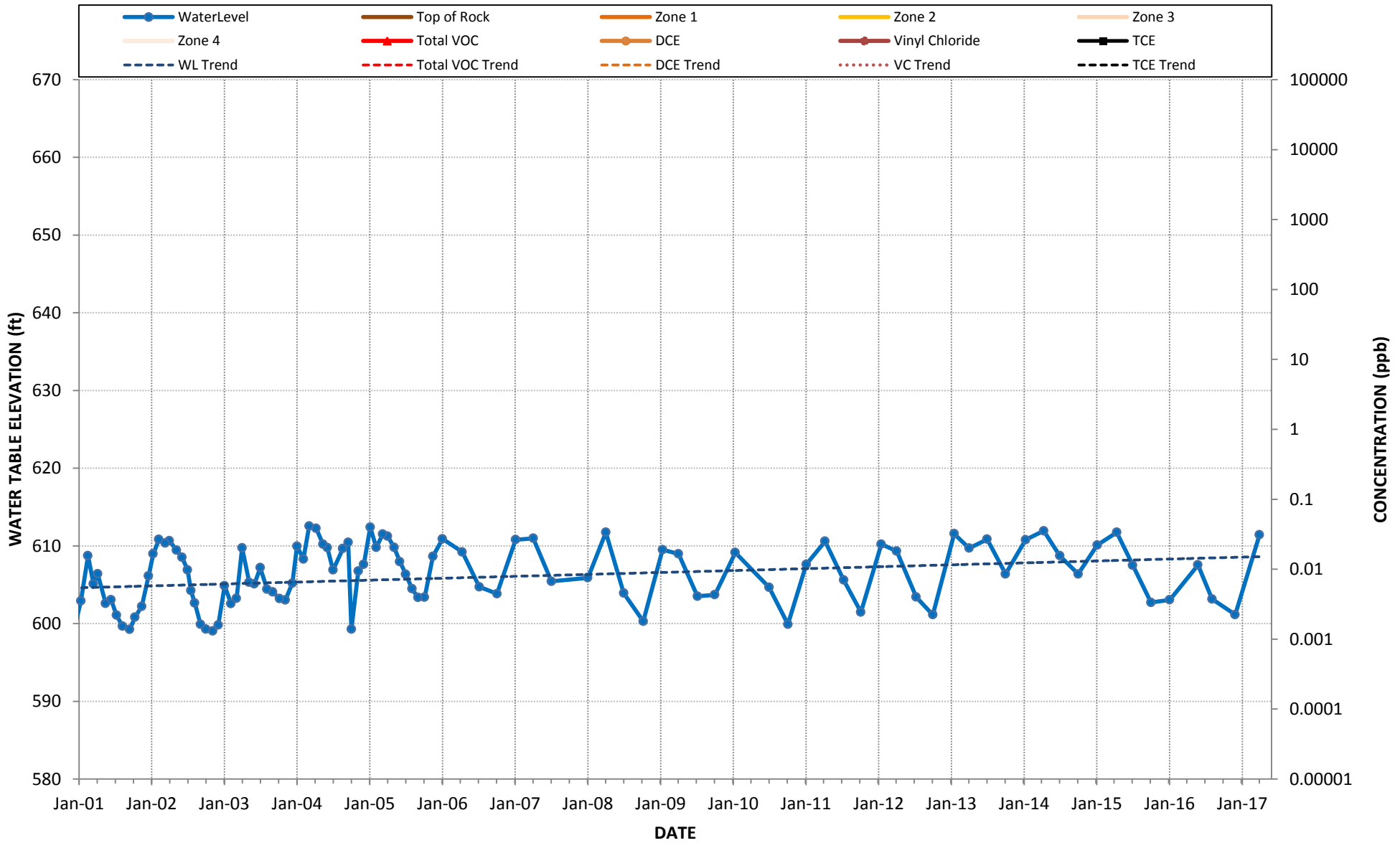
B-50M



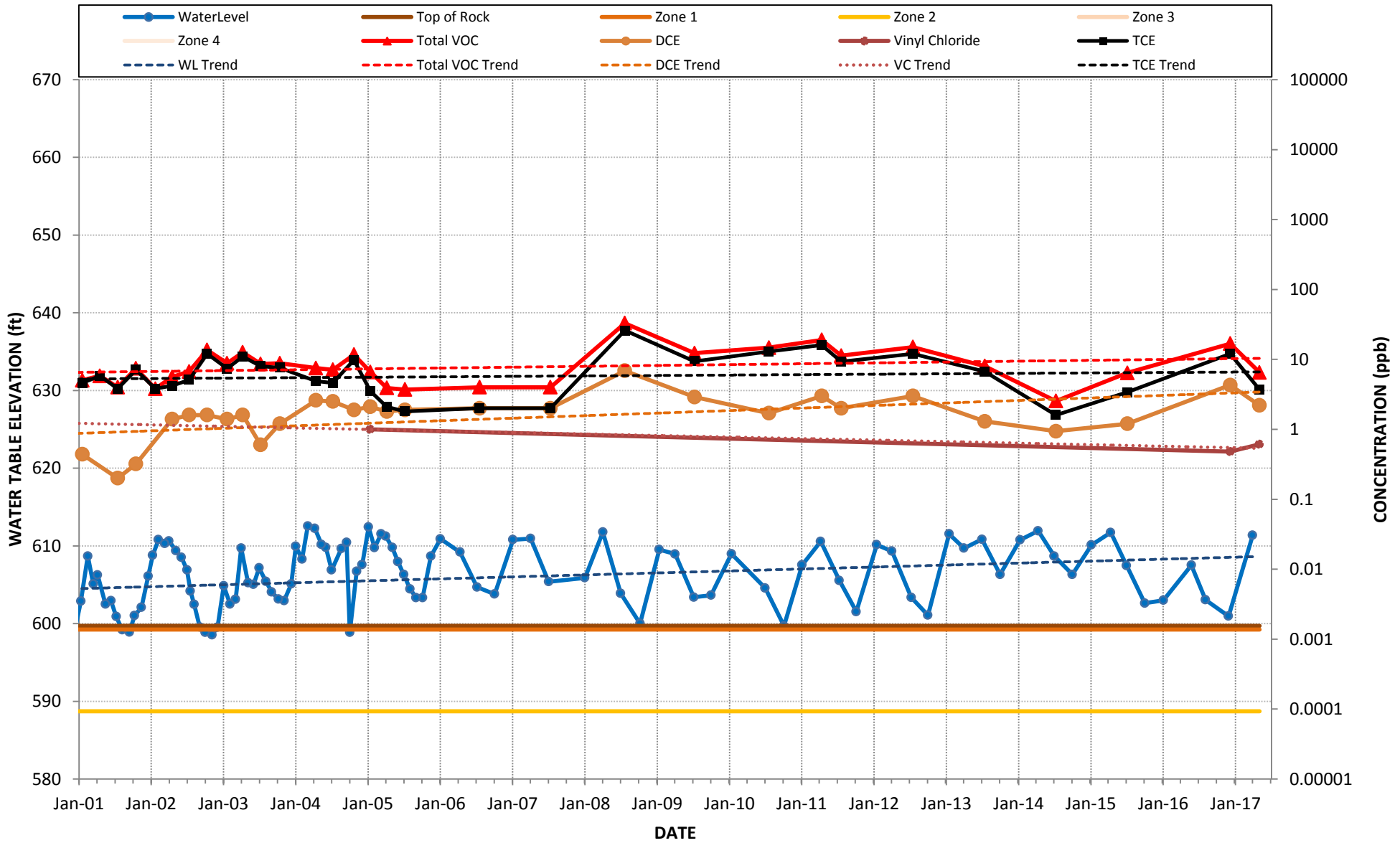
WATER LEVELS & CHLORINATED SOLVENT CONCENTRATIONS B-51M



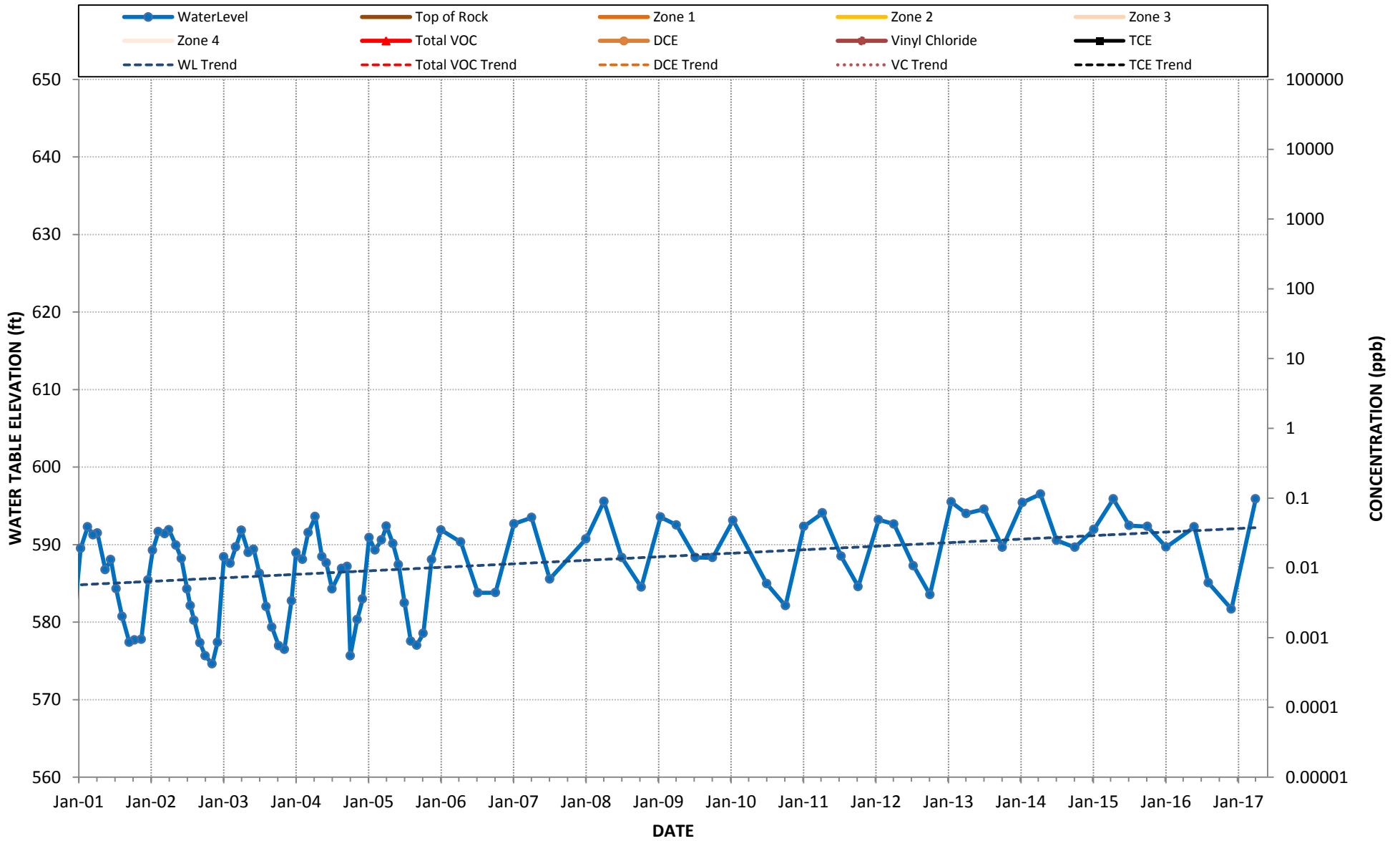
WATER LEVELS & CHLORINATED SOLVENT CONCENTRATIONS B-52M



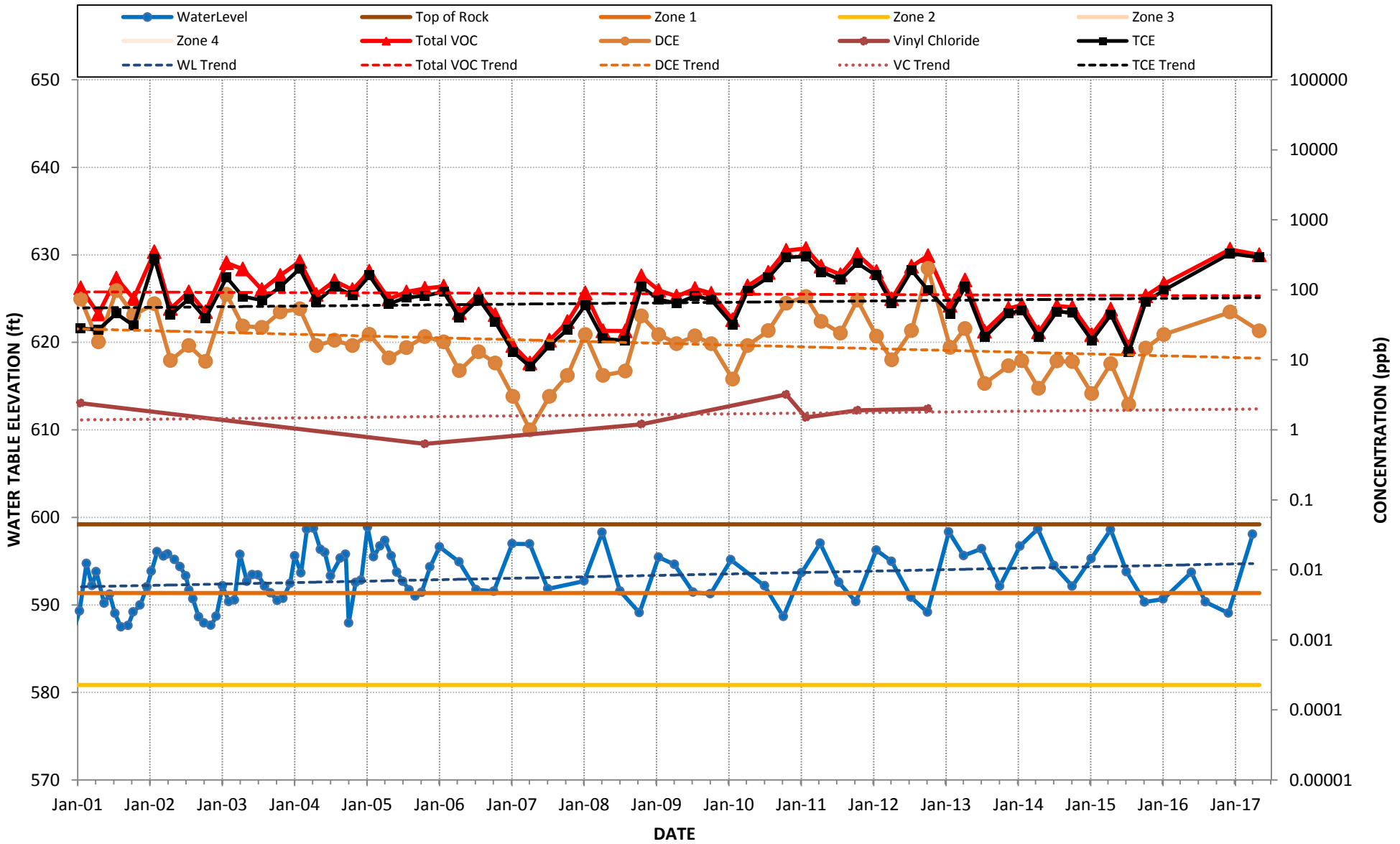
WATER LEVELS & CHLORINATED SOLVENT CONCENTRATIONS B-53M



WATER LEVELS & CHLORINATED SOLVENT CONCENTRATIONS B-55M

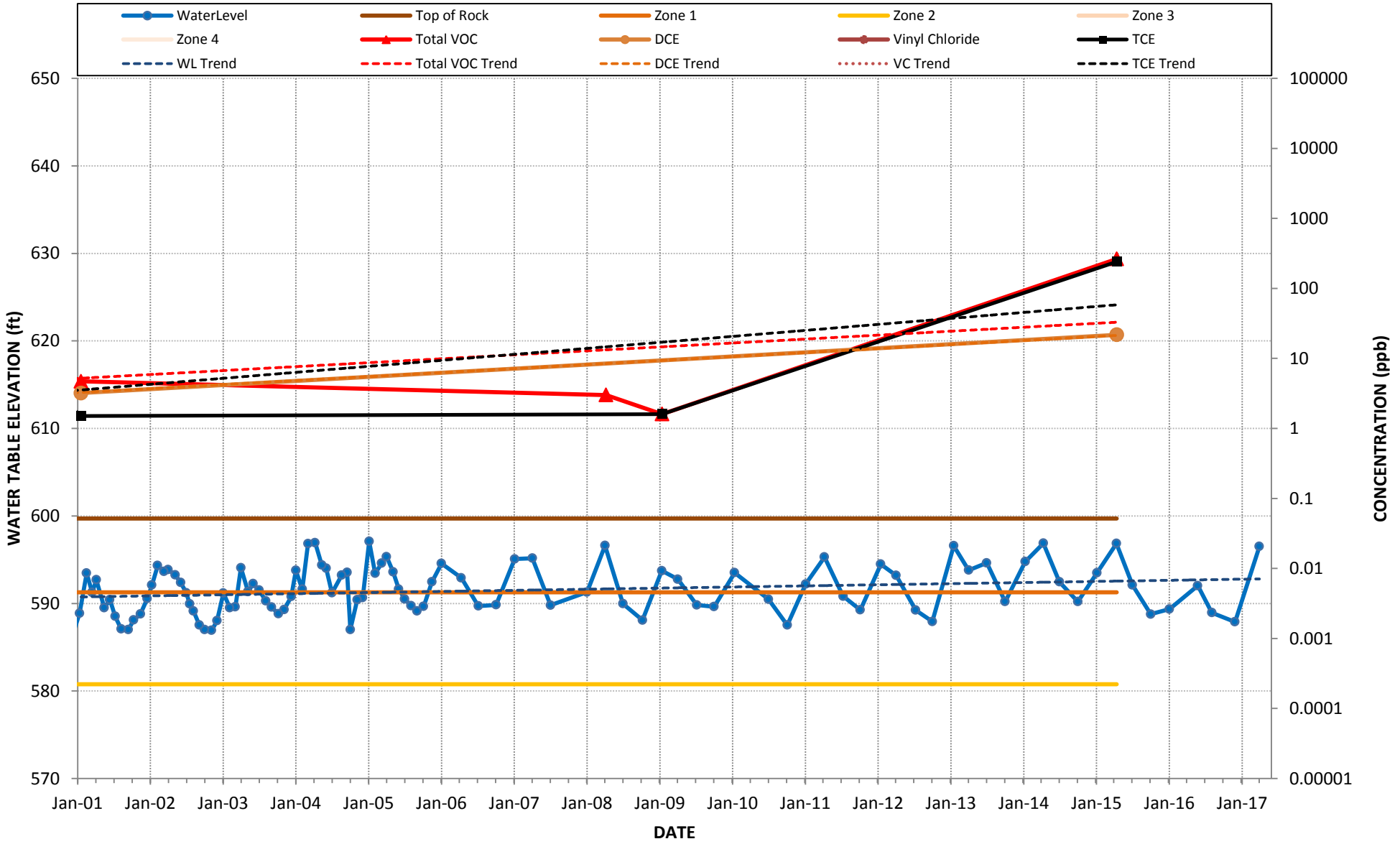


WATER LEVELS & CHLORINATED SOLVENT CONCENTRATIONS B-56M



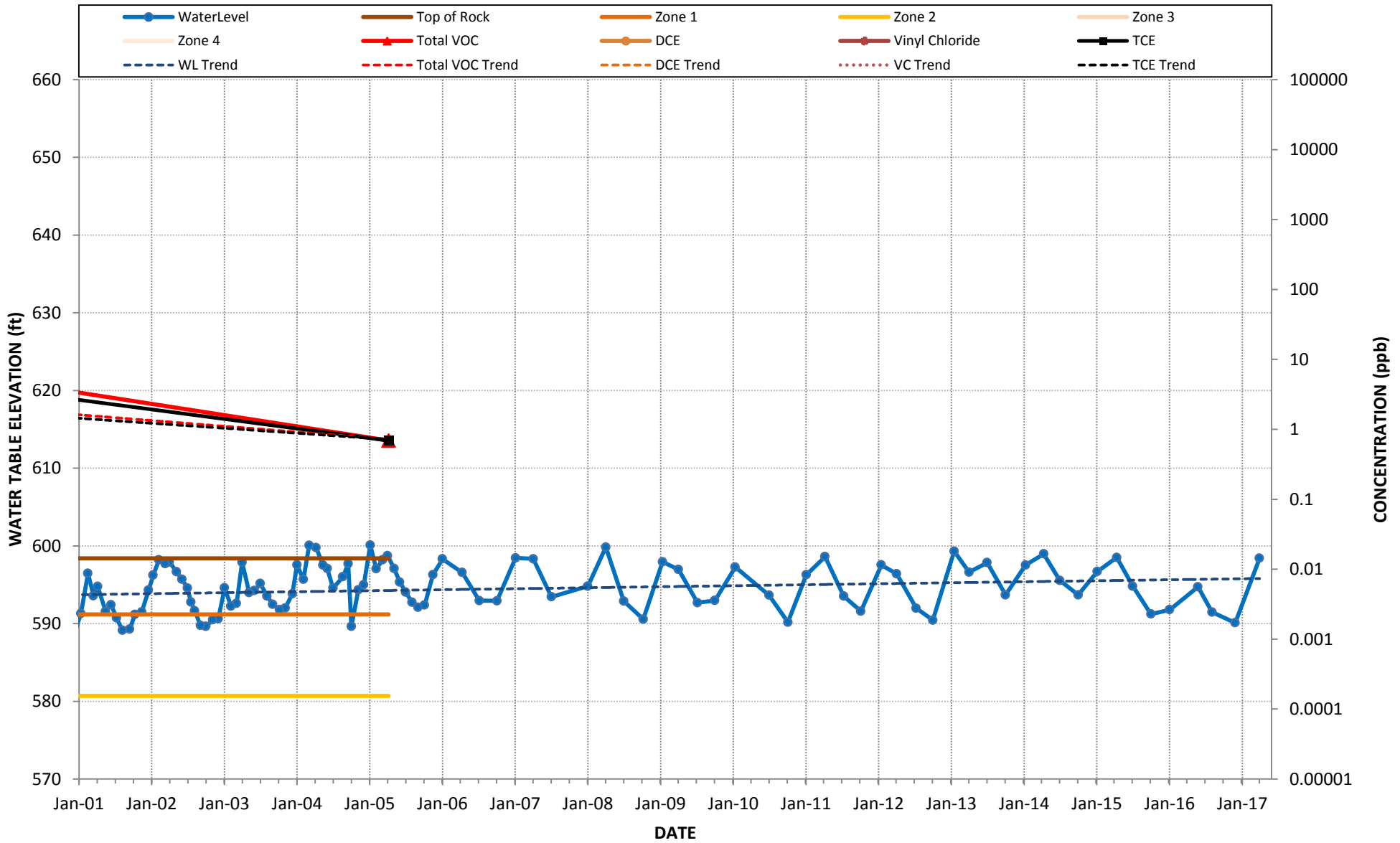
WATER LEVELS & CHLORINATED SOLVENT CONCENTRATIONS

B-57M

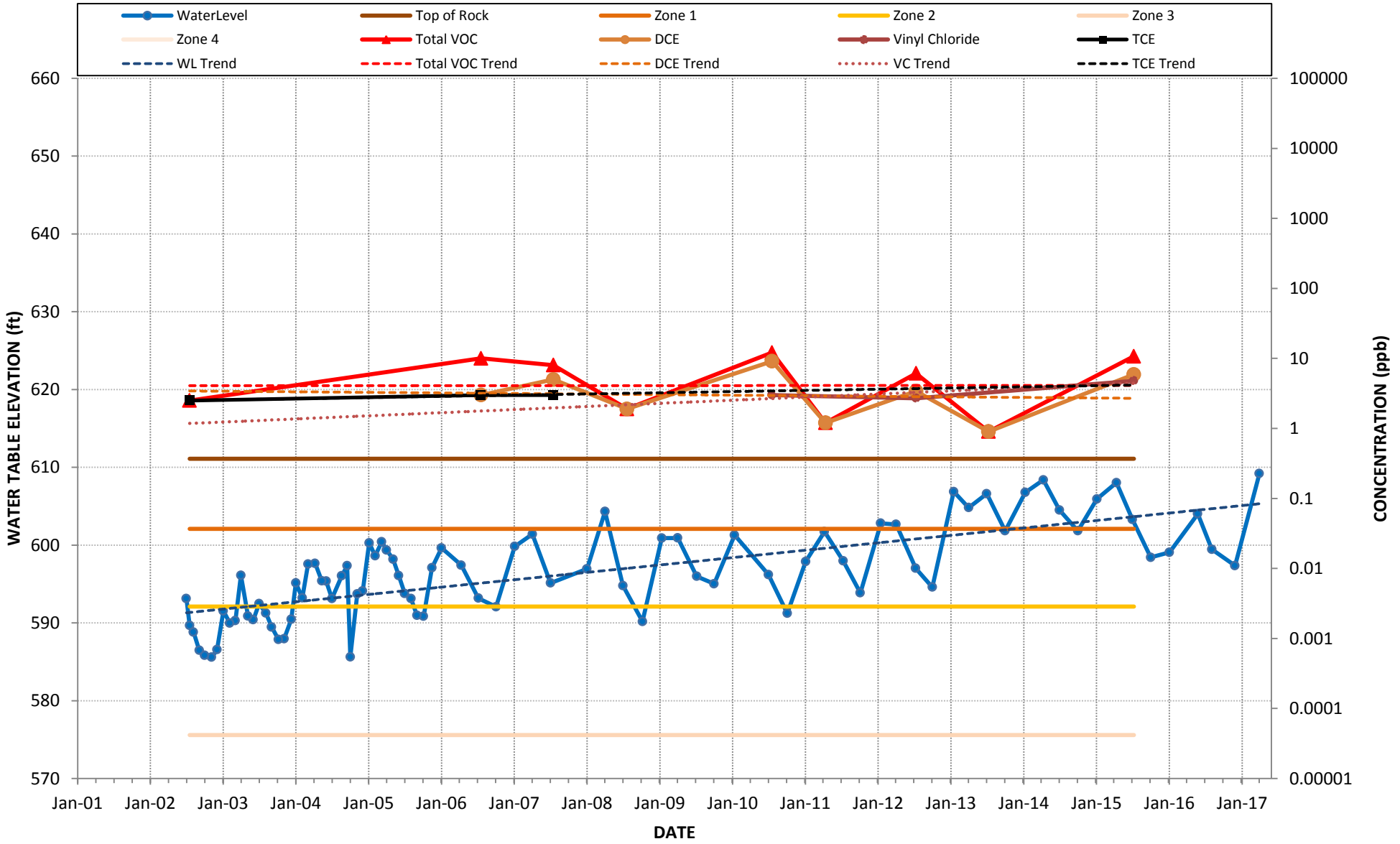


WATER LEVELS & CHLORINATED SOLVENT CONCENTRATIONS

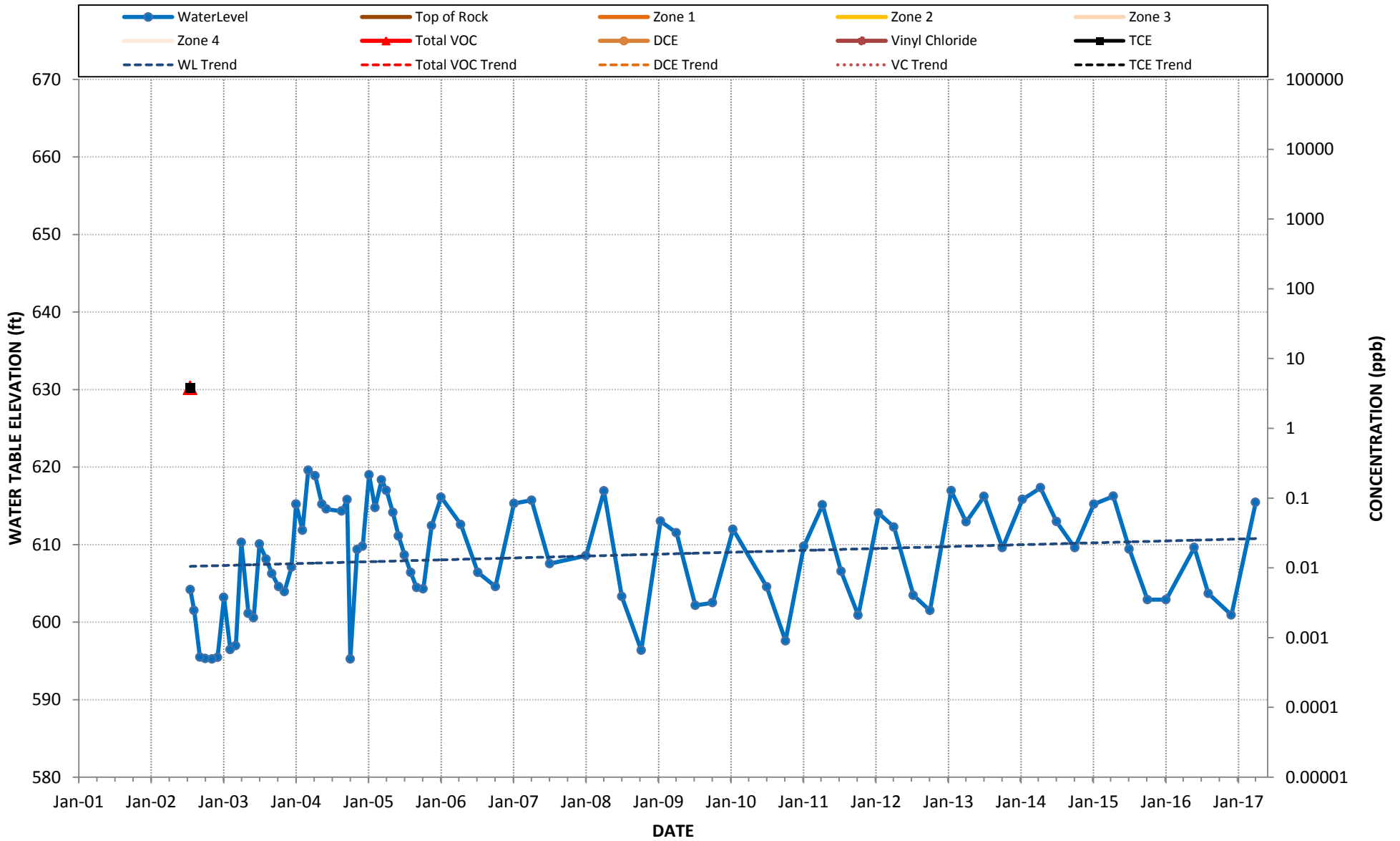
B-58M



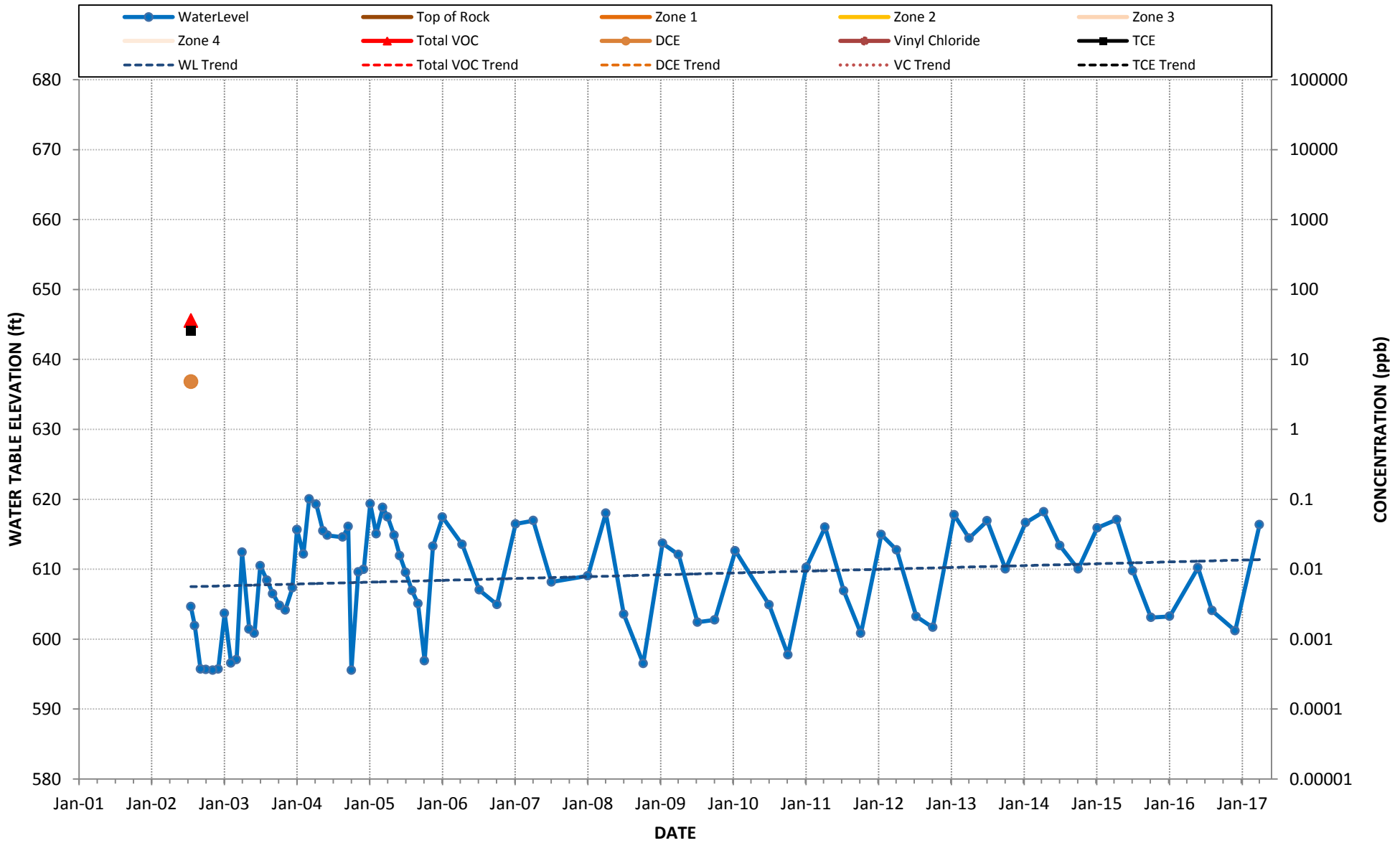
WATER LEVELS & CHLORINATED SOLVENT CONCENTRATIONS B-59M



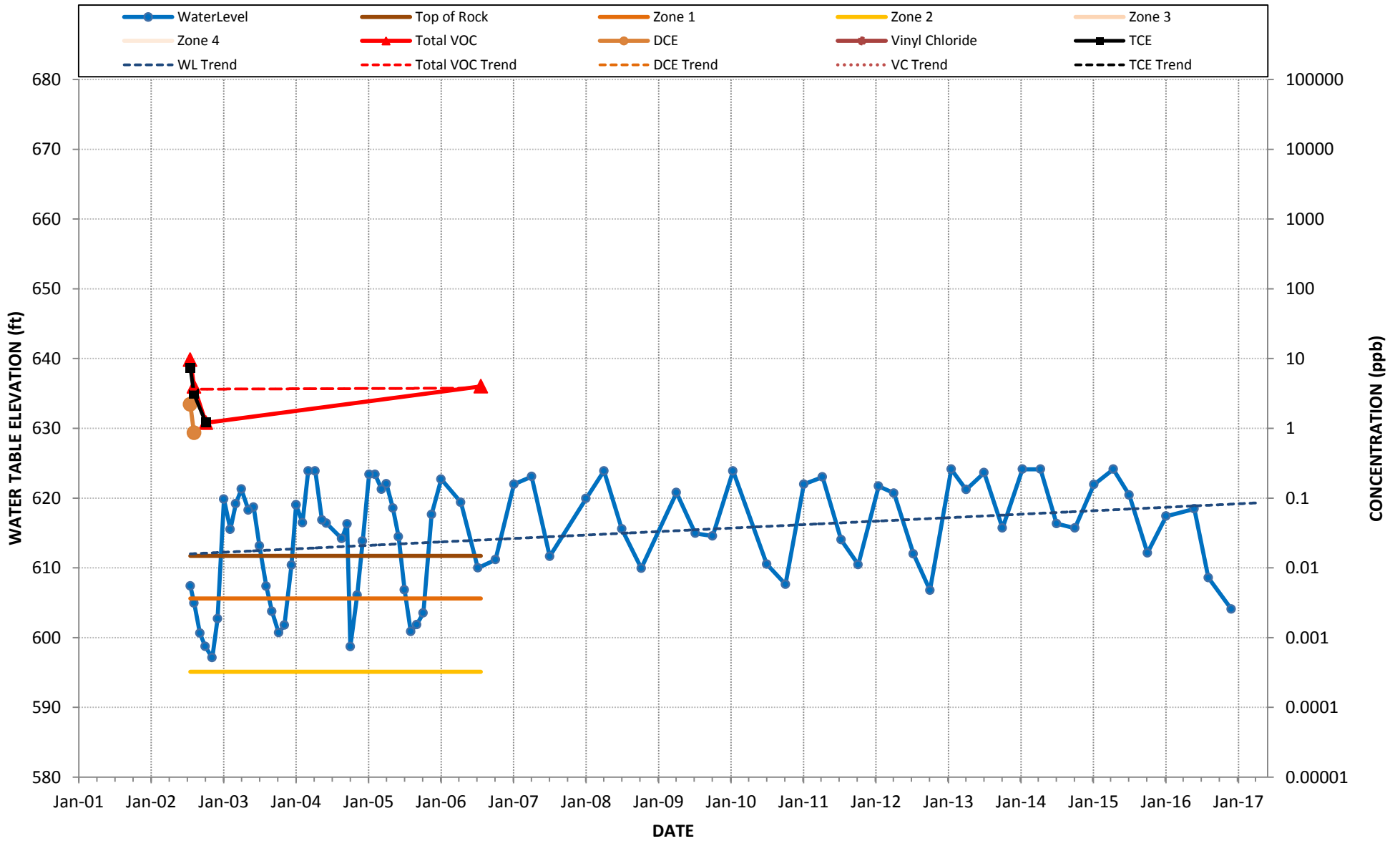
WATER LEVELS & CHLORINATED SOLVENT CONCENTRATIONS B-60M



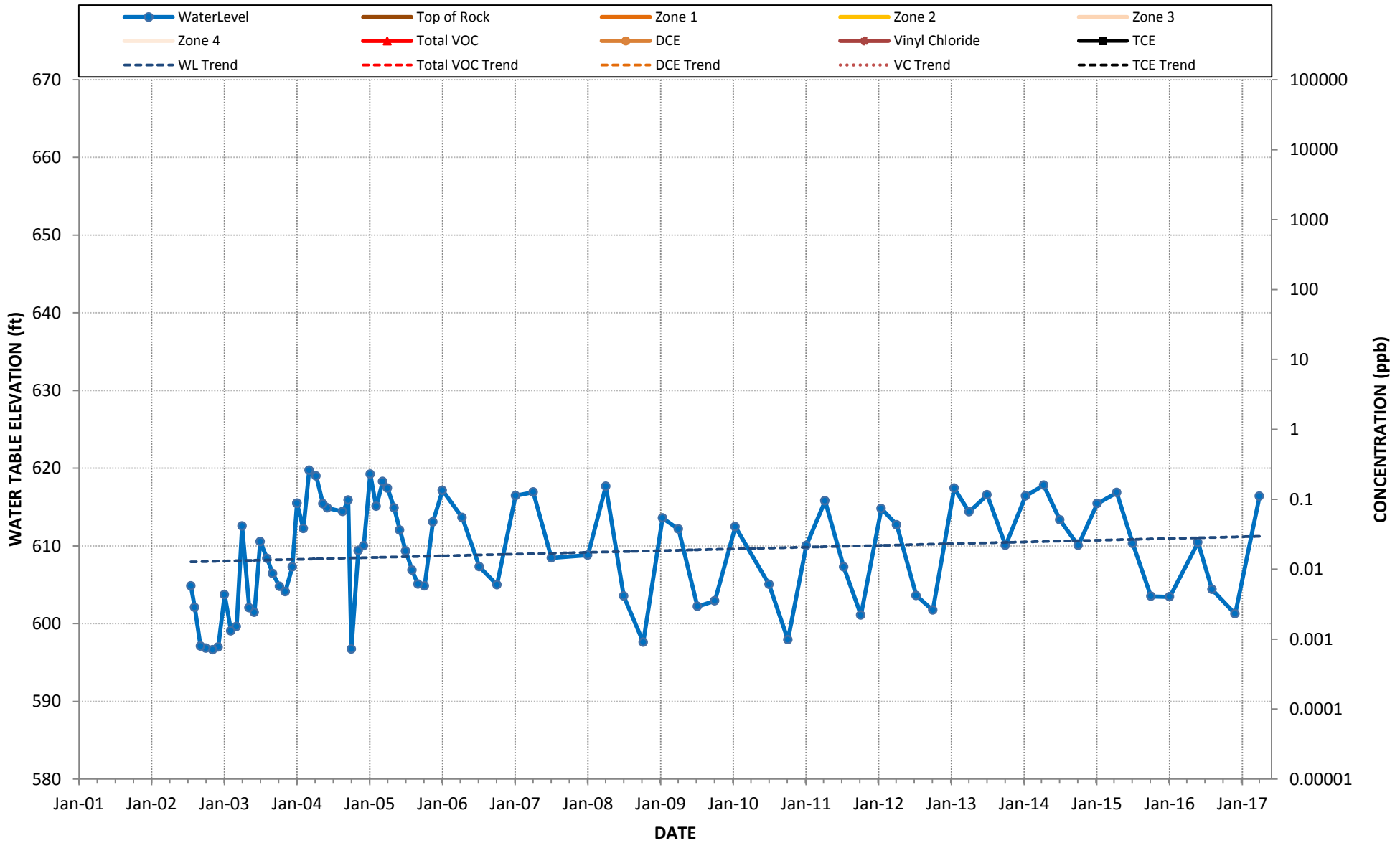
WATER LEVELS & CHLORINATED SOLVENT CONCENTRATIONS B-61M



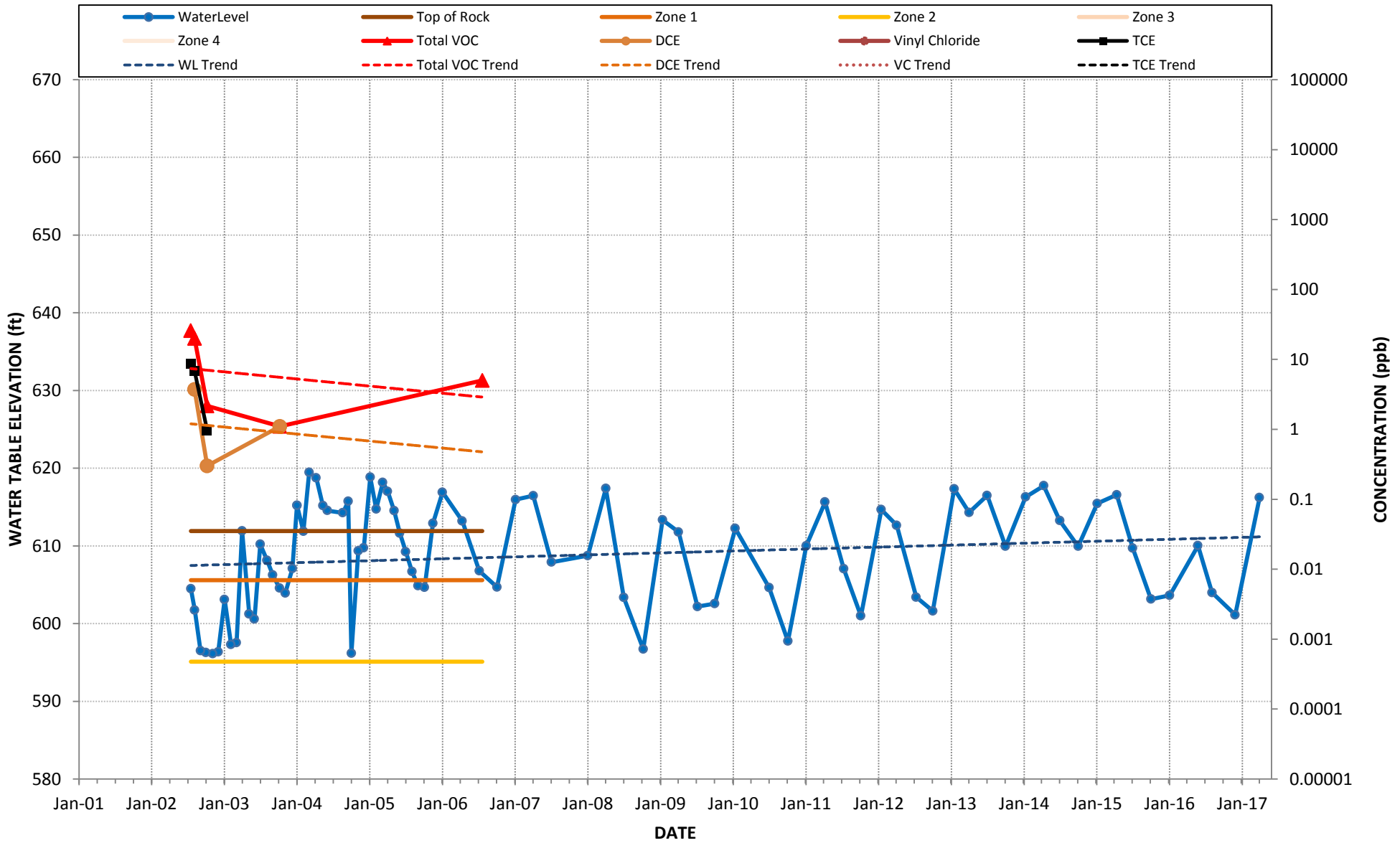
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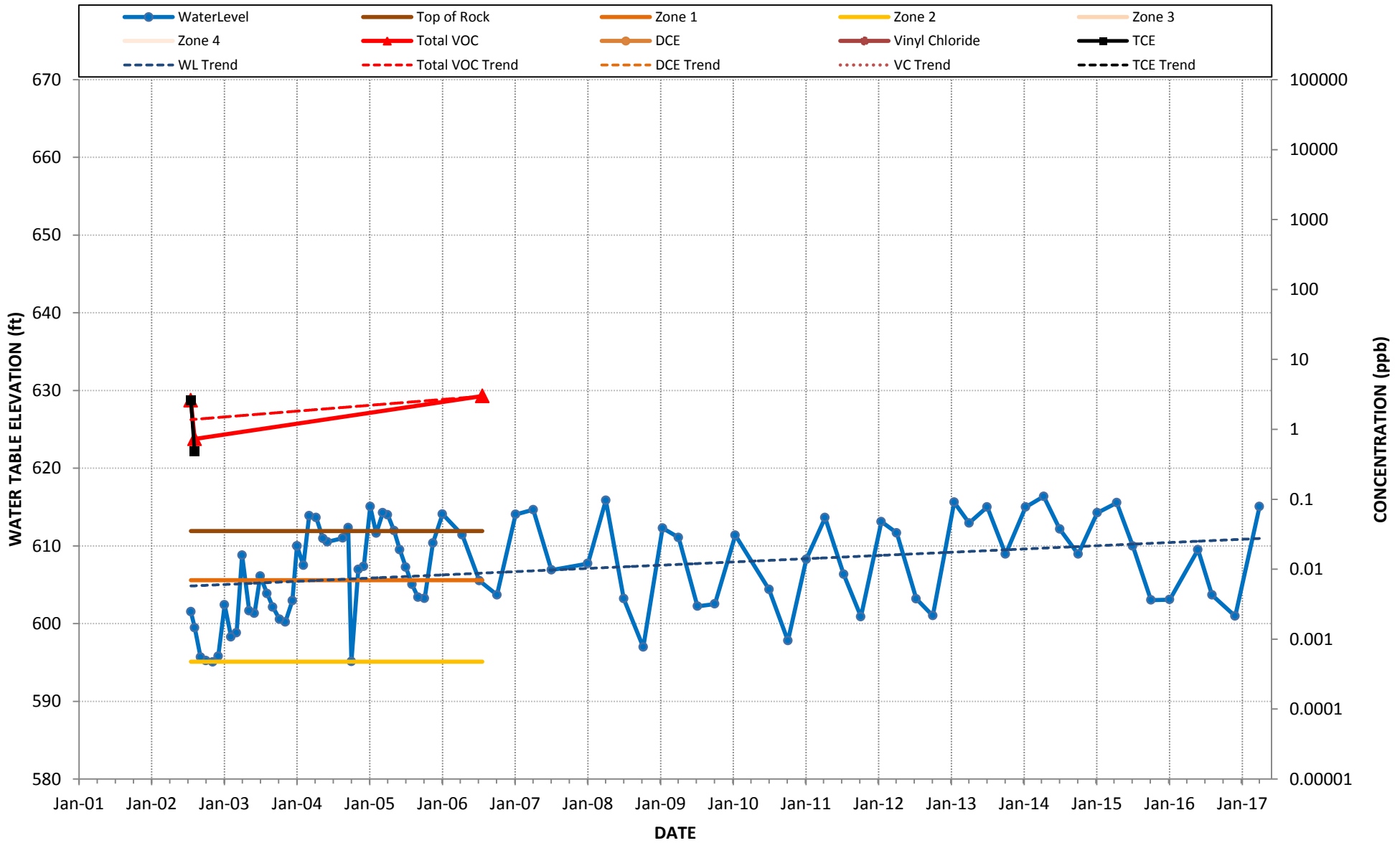
WATER LEVELS & CHLORINATED SOLVENT CONCENTRATIONS B-63M



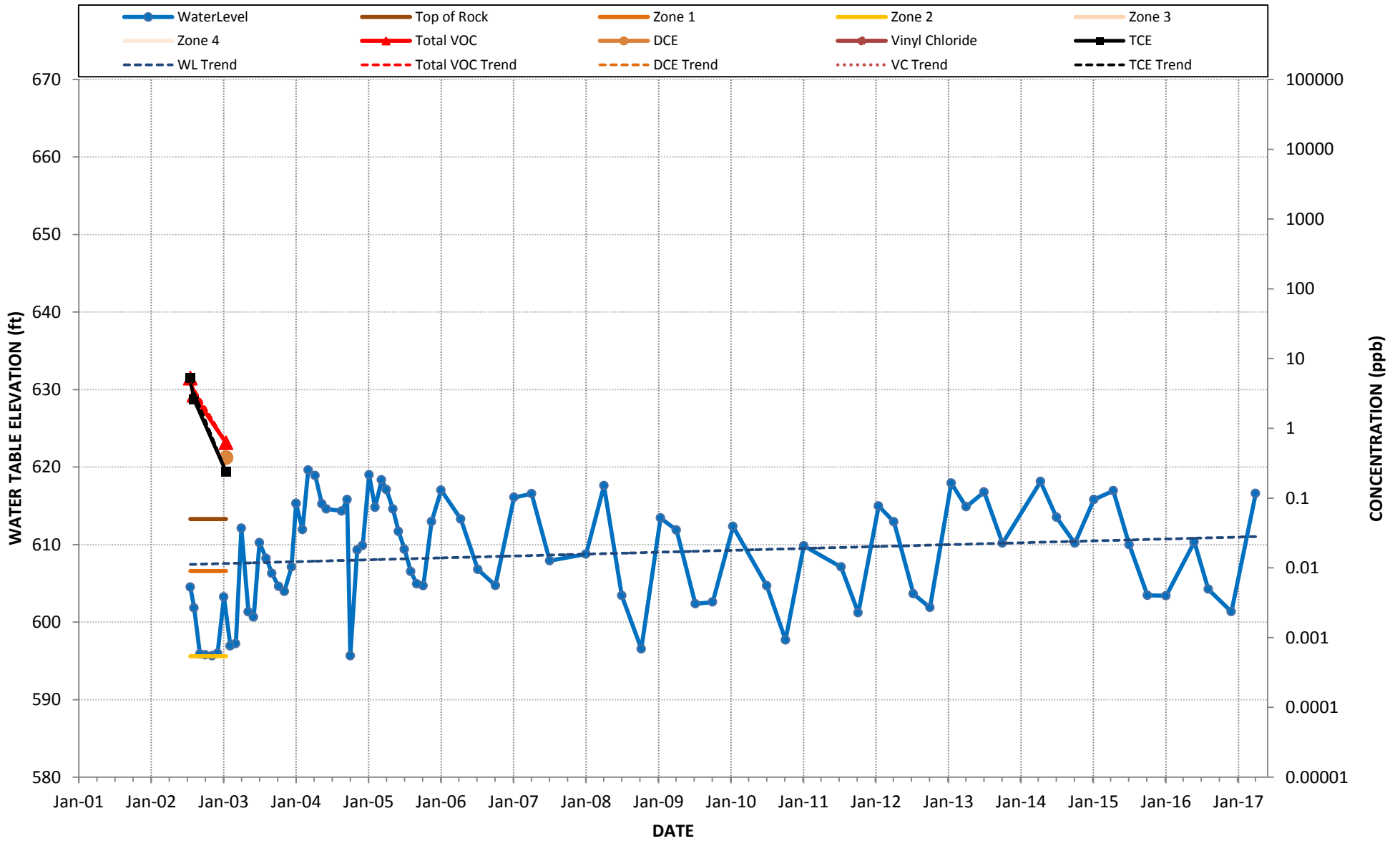
WATER LEVELS & CHLORINATED SOLVENT CONCENTRATIONS B-64M



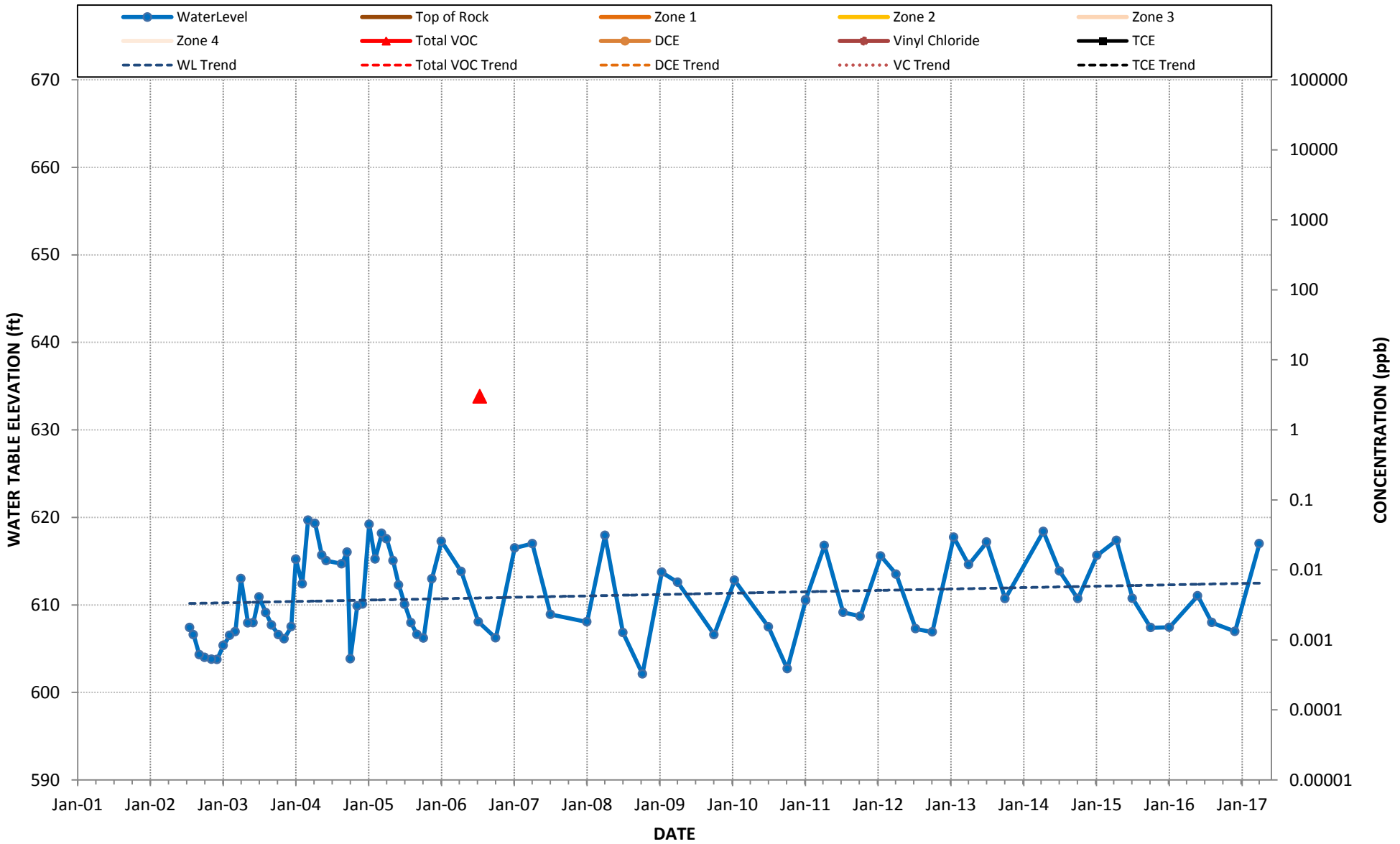
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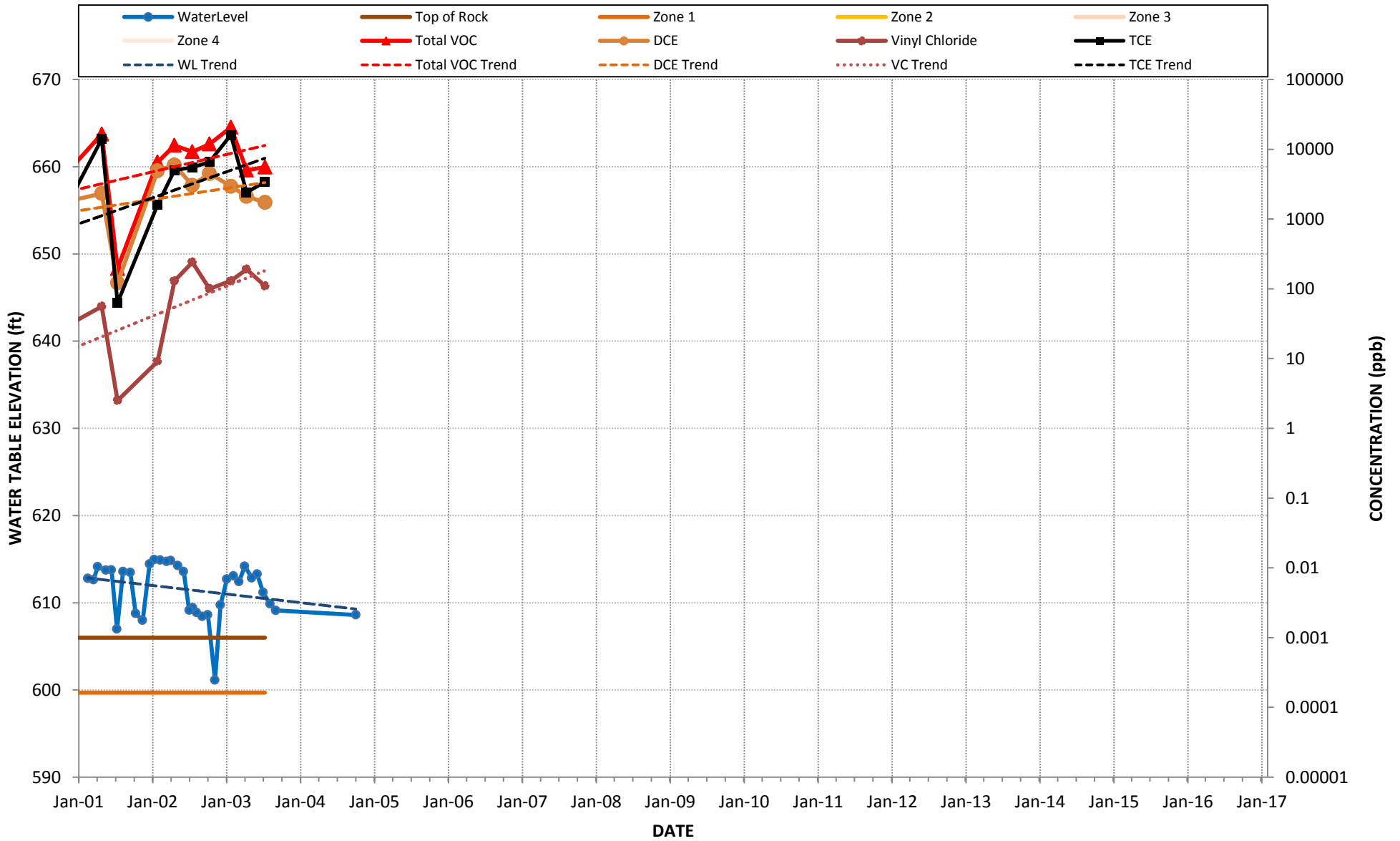
WATER LEVELS & CHLORINATED SOLVENT CONCENTRATIONS B-66M



WATER LEVELS & CHLORINATED SOLVENT CONCENTRATIONS B-67M

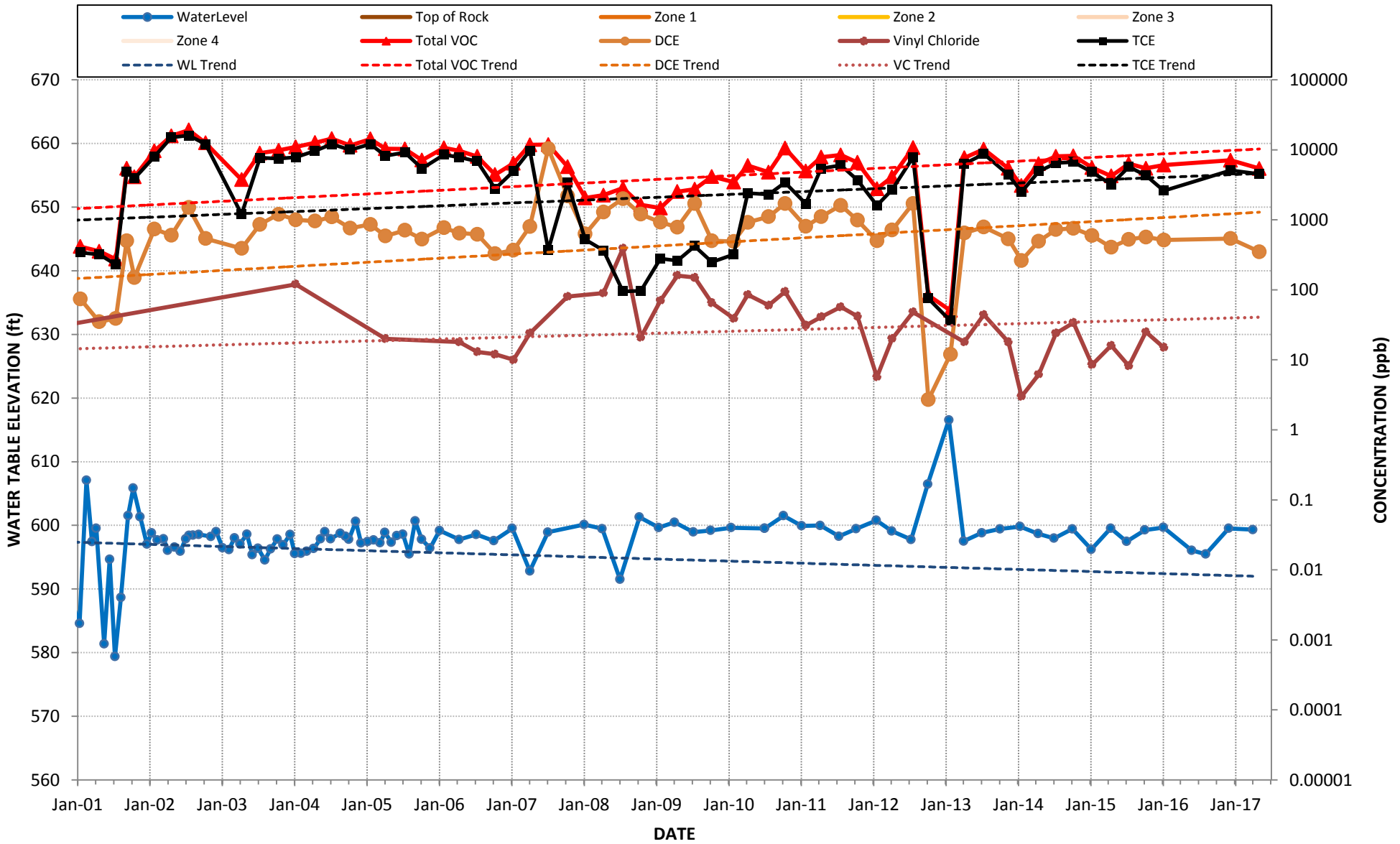


WATER LEVELS & CHLORINATED SOLVENT CONCENTRATIONS DNAPL SUMP



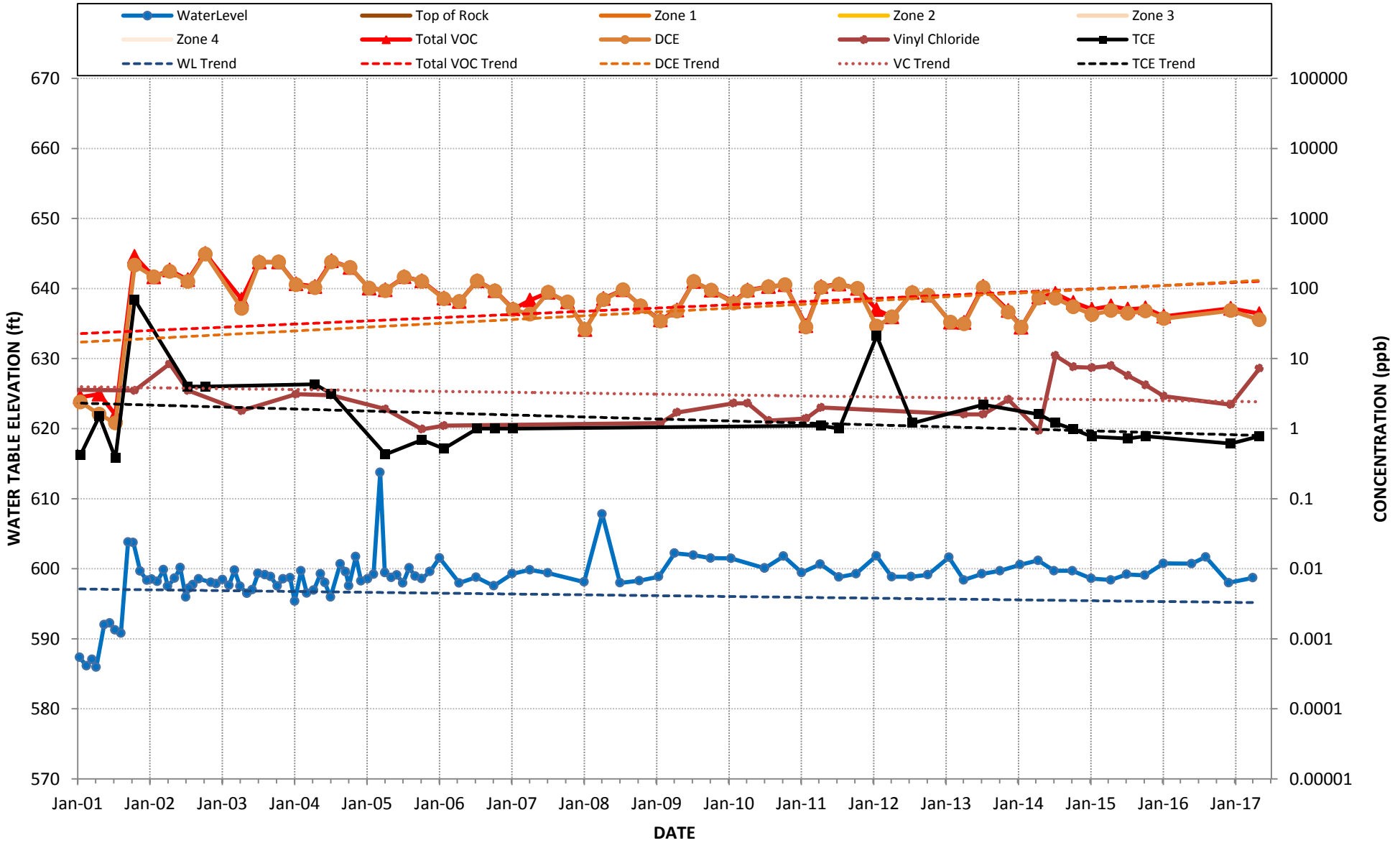
WATER LEVELS & CHLORINATED SOLVENT CONCENTRATIONS

P-2

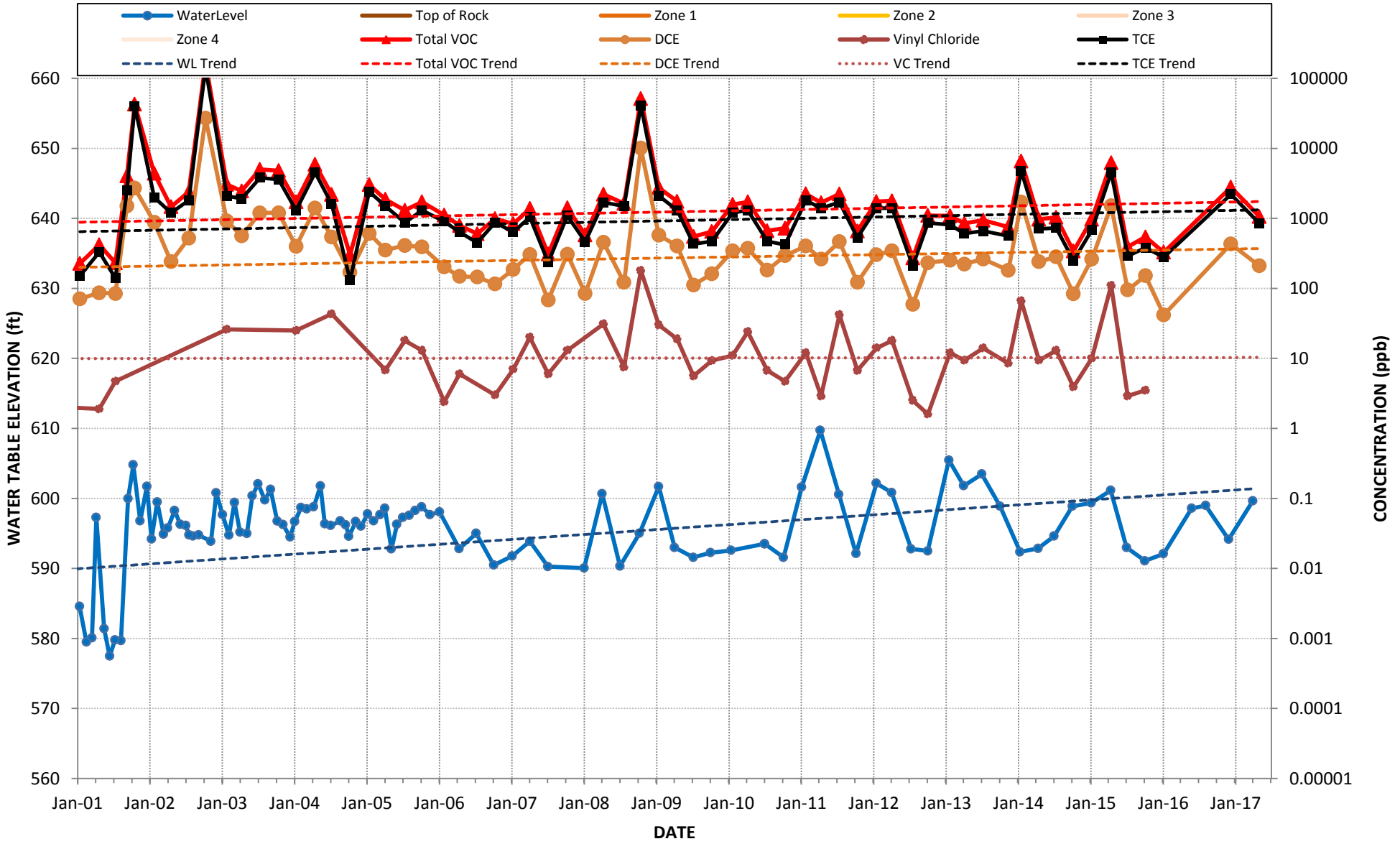


WATER LEVELS & CHLORINATED SOLVENT CONCENTRATIONS

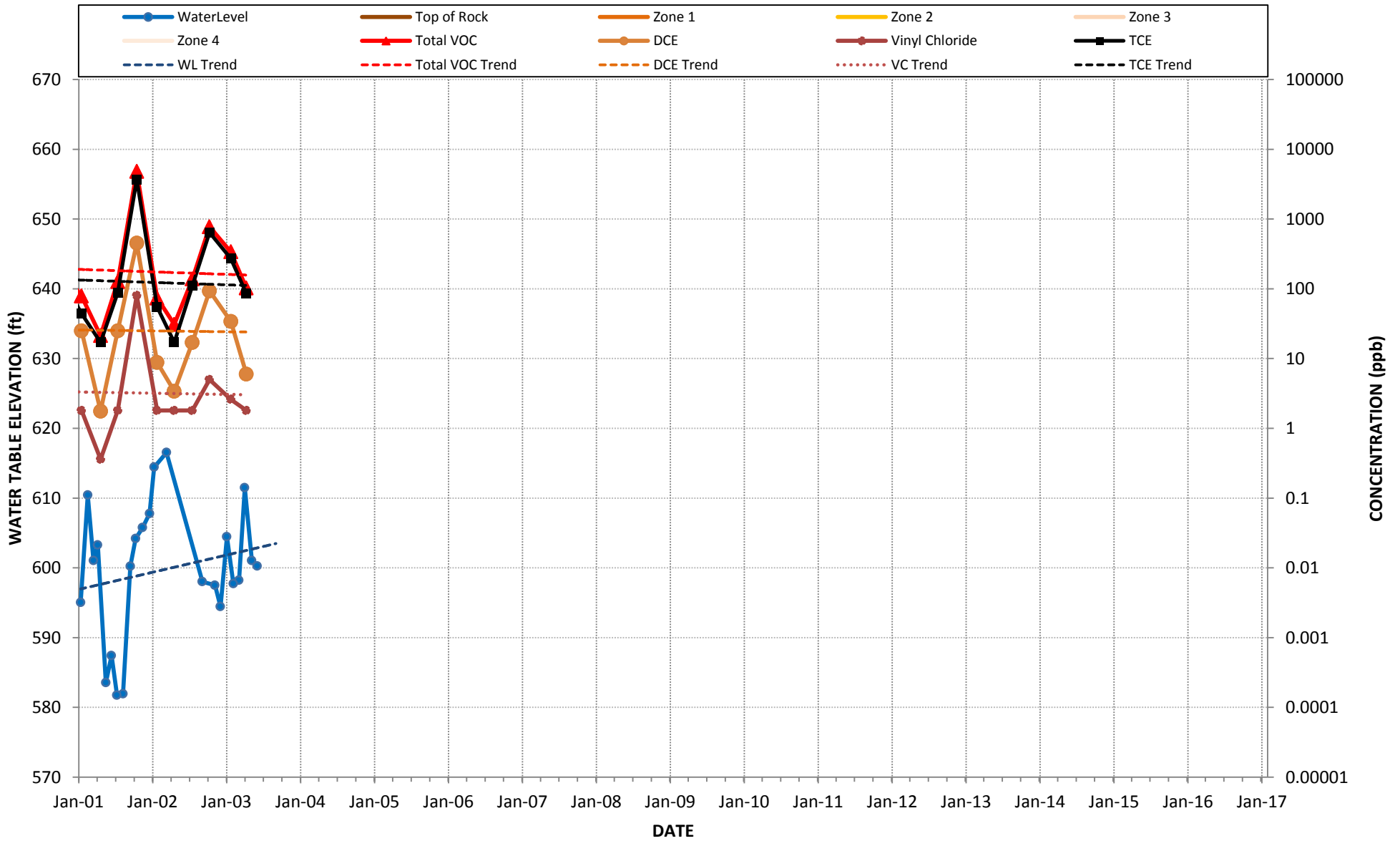
P-3



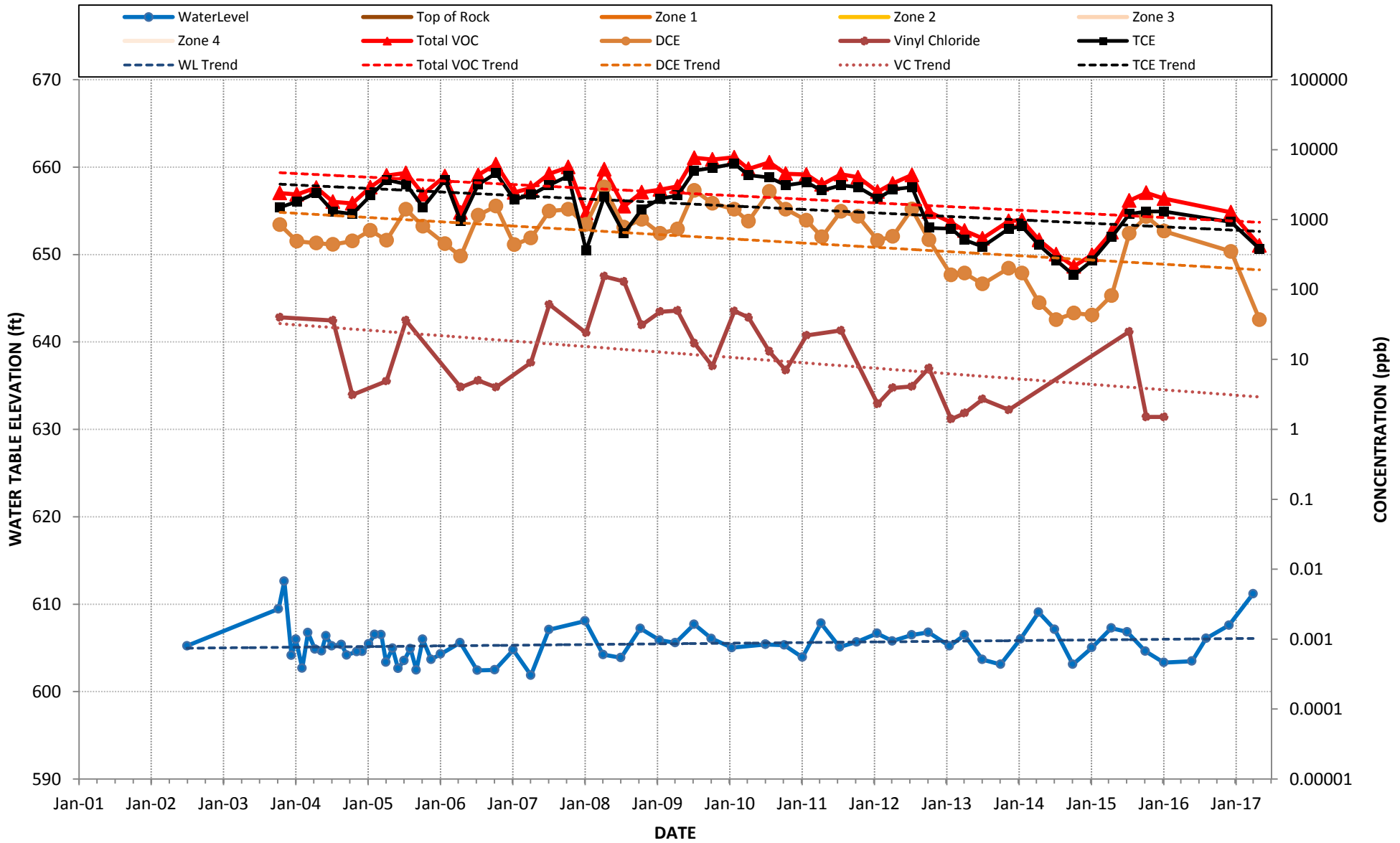
WATER LEVELS & CHLORINATED SOLVENT CONCENTRATIONS PW-1



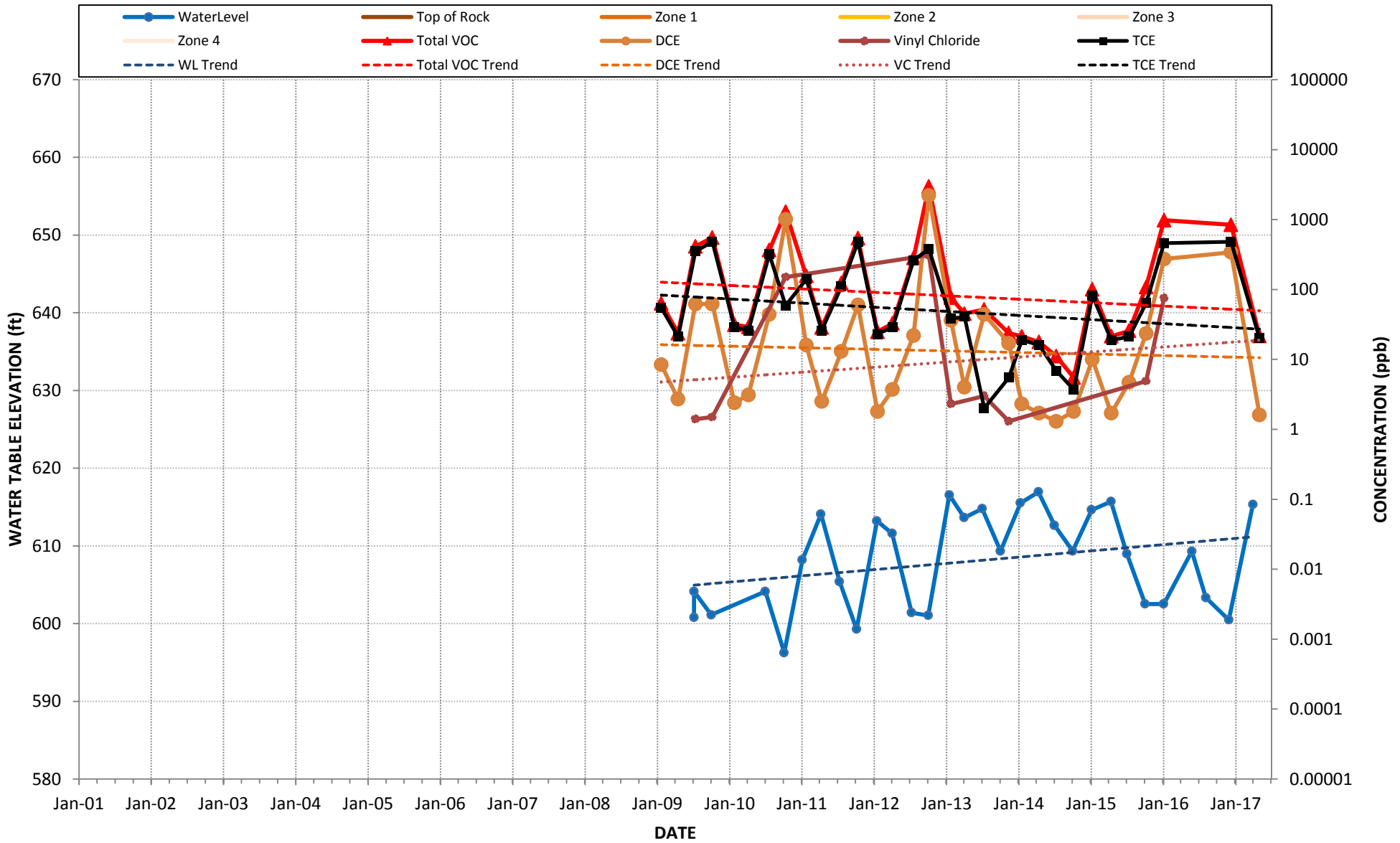
WATER LEVELS & CHLORINATED SOLVENT CONCENTRATIONS PW- 2



WATER LEVELS & CHLORINATED SOLVENT CONCENTRATIONS PW-3



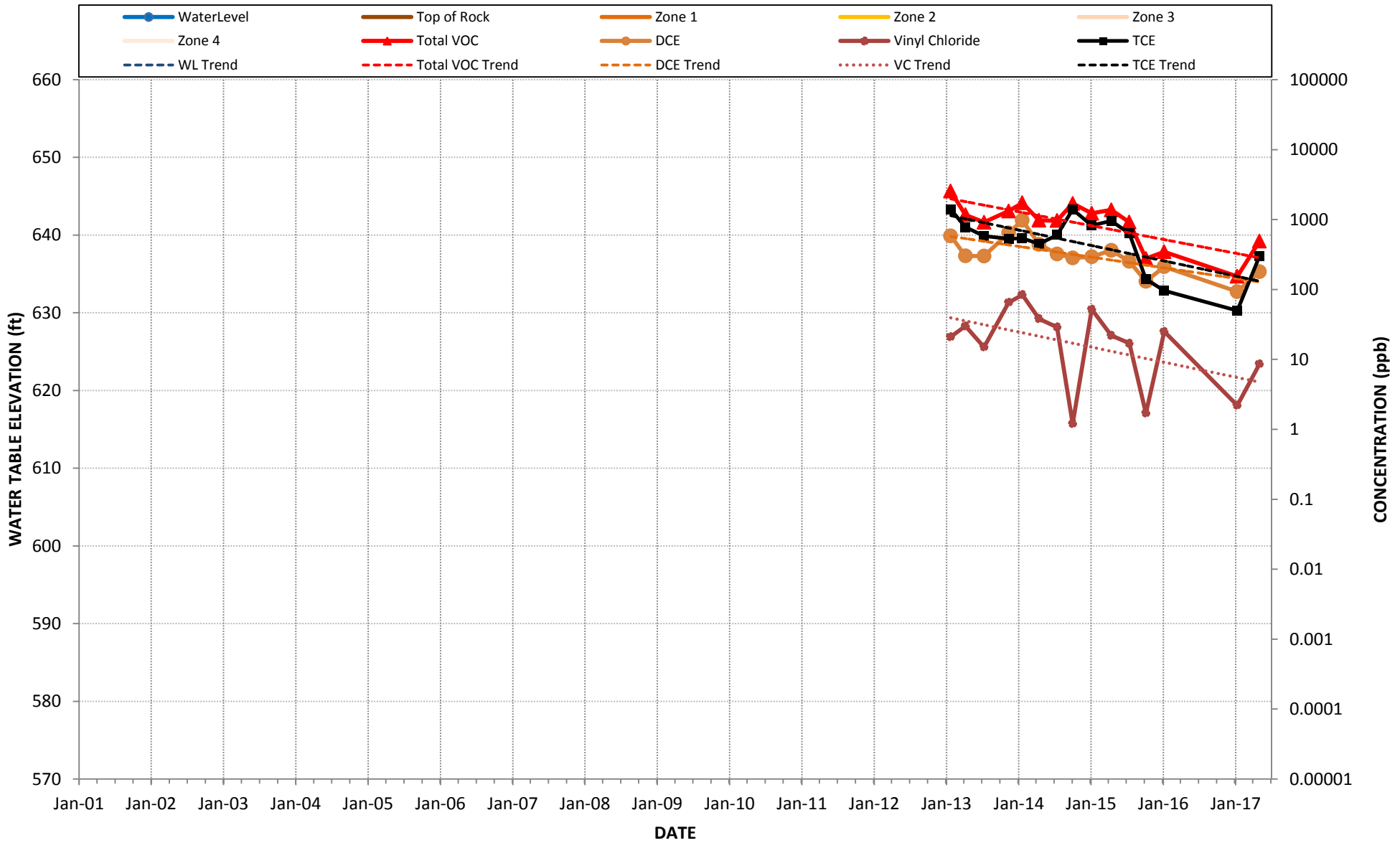
WATER LEVELS & CHLORINATED SOLVENT CONCENTRATIONS PW-4



WATER LEVELS & CHLORINATED SOLVENT CONCENTRATIONS QUARRY POND



WATER LEVELS & CHLORINATED SOLVENT CONCENTRATIONS T-002



Appendix D

Water Quality Database through May 2017

**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	17	< 0.79	7.3	121.56
7/12/2000	A0483119	8021	< 1.2	< 1	1.6	0.68	< 2.5	5.3	180	0.32	7.3	< 1	8	203.2
7/13/2001	A1663812	8021	< 1.2	< 1	0.34	< 1	< 2.5	1.6	50	< 1	4.1	< 1	2	58.04
7/12/2002	A2713901	8021	< 1.6	< 1.6	2.4	< 1.6	2.2	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
7/14/2005	A5740501	8260/5M	< 1.2	< 1	< 1	< 1	< 2.5	3.8	75	< 1	6.7	< 1	7.7	93.2

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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-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
7/14/2006	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	1	< 2	4.3	190	< 0.8	19	< 0.8	14	229.4
7/8/2009	5719621	8260	< 1	< 0.8	1.4	1.4	< 2	4.5	240	< 0.8	16	< 0.8	56	319.3
7/12/2010	6030552	8260	< 1	< 0.8	< 1	1	< 2	4.5	170	< 0.8	18	< 0.8	24	217.5
7/12/2011	6342650	8260	< 1	< 0.8	2.6	1.4	< 2	4.1	200	1.1	54	< 0.8	25	288.2
7/16/2012	6722028	8260	< 1	< 0.8	1.6	< 0.8	< 2	3.1	200	< 0.8	26	< 0.8	21	251.7
7/8/2013	7120727	8260	< 1	< 0.8	1.7	1.2	< 2	2.8	160	1.1	100	< 0.8	22	288.8
7/8/2014	7526285	8260	< 0.5	< 0.5	2.2	0.57	< 2	2	110	0.52	66	< 0.5	20	201.29
7/8/2015	7960005	SW8260C	< 0.5	< 0.5	0.59	0.57	< 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	< 1.7	2	0.65	44	< 1.7	7.1	< 1.7	36	90.47
4/26/2017	240-78855-5	8260C	< 3.3	< 3.3	1.3	< 3.3	< 3.3	1.9	110	< 3.3	26	< 3.3	14	153.2

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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-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	66.3
7/13/2001	A1663816	8021	< 1.2	< 1	< 1	< 1	0.58	1.6	61	< 1	5.5	< 1	1.5	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
7/14/2005	A5740502	8260/5M	< 1.2	< 1	< 1	< 1	< 2.5	1.8	36	< 1	5.4	< 1	12	55.2

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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
7/14/2006	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	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	< 0.8	5.1	26.9
7/12/2010	6030548	8260	< 1	< 0.8	< 1	< 0.8	< 2	1.1	35	< 0.8	250	< 0.8	1.8	287.9
4/12/2011	6256727	8260	< 1	< 0.8	1.6	0.95	< 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	59	< 0.8	7.1	< 0.8	11	79.3
7/17/2012	6723837	8260	< 1	< 0.8	< 1	< 0.8	< 2	1.6	41	< 0.8	4.9	< 0.8	7.9	55.4
7/8/2013	7120735	8260	< 1	< 0.8	1.3	0.81	< 2	5	89	< 0.8	28	< 0.8	10	134.11
7/8/2014	7526297	8260	< 0.5	< 0.5	0.91	0.8	< 2	4.1	58	< 0.5	22	< 0.5	9.7	95.51
7/8/2015	7960010	SW8260C	< 0.5	< 0.5	< 0.5	< 0.5	< 2	1.1	34	< 0.5	4.7	< 0.5	8	47.8

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**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	17	<1	12	<1	0.34	29.57
7/13/2001	A1663817	8021	<1.2	<1	<1	<1	<2.5	0.47	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	<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
7/23/2008	5423256	8260	<1	<0.8	<1	<0.8	<2	1.5	54	<0.8	290	<0.8	3	348.5

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

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

Well ID: B-5M

Date	Lab Sample ID	Method	Carbon tetrachloride (µg/L)	Chloroform (µg/L)	1,1-Dichloroethane (µg/L)	1,1-Dichloroethene (µg/L)	Methylene chloride (µg/L)	trans-1,2-Dichloroethene (µg/L)	cis-1,2-Dichloroethene (µg/L)	1,1,1-Trichloroethane (µg/L)	Trichloroethene (µg/L)	Tetrachloroethene (µg/L)	Vinyl chloride (µg/L)	Total
7/13/2009	5722293	8260	< 1	< 0.8	< 1	< 0.8	< 2	1	20	< 0.8	82	< 0.8	< 1	103
7/12/2010	6030549	8260	< 1	< 0.8	< 1	< 0.8	< 2	1.3	33	< 0.8	3.9	< 0.8	17	55.2
7/25/2011	6355555	8260	< 1	< 0.8	< 1	< 0.8	< 2	1.1	22	< 0.8	150	< 0.8	1.3	174.4
7/16/2012	6722026	8260	< 1	< 0.8	< 1	< 0.8	< 2	1.3	33	< 0.8	260	< 0.8	1.8	296.1
7/9/2013	7122572	8260	< 1	< 0.8	< 1	< 0.8	< 2	< 0.8	3.4	< 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

< - 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-6M

Date	Lab Sample ID	Method	Carbon tetrachloride (µg/L)	Chloroform (µg/L)	1,1-Dichloroethane (µg/L)	1,1-Dichloroethene (µg/L)	Methylene chloride (µg/L)	trans-1,2-Dichloroethene (µg/L)	cis-1,2-Dichloroethene (µg/L)	1,1,1-Trichloroethane (µg/L)	Trichloroethene (µg/L)	Tetrachloroethene (µg/L)	Vinyl chloride (µg/L)	Total
8/1/1984		8260	< 5	14	< 5	< 5	2	< 5	< 5	< 5	2	< 5	< 5	18
3/1/1985		8260	< 5	< 5	< 5	< 10	< 5	< 5	41	< 5	41	< 5	< 5	82
5/1/1985		8260	< 2	< 1	< 2	< 5	< 1	< 5	9.4	< 3	31	< 5	< 2	40.4
12/1/1985		8260	< 2.8	< 1.6	< 4.7	< 2.8	7.6	< 5	17	< 3.8	49	< 5	< 10	73.6
4/1/1986		8260	< 0.4	< 0.2	< 0.4	< 0.4	< 0.2	< 5	12	0.2	38	< 5	0.8	51
7/1/1986		8260	< 0.4	< 0.4	< 0.4	< 0.4	< 0.4	< 5	8.4	< 0.4	25	< 5	1.4	34.8
10/1/1986		8260	< 0.4	< 0.4	< 0.4	< 0.4	< 0.4	< 5	23	< 0.4	97	< 5	3.6	123.6
1/1/1987		8260	< 0.2	< 0.4	< 0.2	< 0.2	< 0.2	< 5	32	< 0.2	86	< 5	3.2	121.2
4/1/1987		8260	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 5	1.8	< 0.2	2.8	< 5	< 0.2	4.6
7/1/1987		8260	< 0.2	< 0.6	< 0.4	< 0.4	< 0.2	< 5	25	< 0.2	50	< 5	1.4	76.4
10/1/1987		8260	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 5	3.1	< 0.2	7.9	< 5	< 0.4	11
2/1/1988		8260	< 0.2	< 0.8	< 0.2	< 0.4	< 0.2	< 5	43	< 0.2	180	< 5	3.9	226.9
8/1/1988		8260	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 5	25	< 0.2	120	< 5	5	150
11/1/1988		8260	< 0.2	< 0.2	< 0.2	< 0.2	< 1	< 5	64	< 0.2	120	< 5	2.6	186.6
1/1/1989		8260	< 0.1	< 5	< 0.07	< 0.1	< 0.1	0.6	11	< 0.03	99	< 0.03	5.3	115.9
4/1/1989		8260	< 0.1	< 0.05	< 0.07	< 0.03	< 0.1	< 0.1	2	< 0.03	15	< 0.03	< 0.2	17
7/1/1989		8260	< 1.2	0.7	< 0.7	< 1.3	< 2.5	< 1	1.7	< 0.3	18	< 0.3	6.6	27
10/1/1989		8260	< 1	< 0.5	< 0.7	< 1	< 1	< 1	4.3	< 0.3	40	< 0.3	1.2	45.5
1/1/1990		8260	< 1	< 0.5	< 0.7	< 1	< 5	< 1	24	< 0.3	260	< 0.3	7.1	291.1
4/1/1990		8260	< 1	< 0.5	< 0.7	< 1	< 5	< 1	9.1	< 0.3	88	< 0.3	< 1	97.1
7/1/1990		8260	< 1	< 0.5	< 0.7	< 1	< 5	< 1	11	< 0.3	140	< 0.3	4.6	155.6
10/1/1990		8260	< 1	< 0.5	< 0.7	< 1	< 1	< 1	9.7	24	120	< 0.3	4.7	158.4
1/1/1991		8260	< 1	< 0.5	< 0.7	< 1	< 5	< 1	23	2	350	< 0.3	7.1	382.1
5/1/1991		8260	< 12	< 5	< 7	< 13	< 25	< 10	16	< 3	140	< 3	< 18	156
7/1/1991		8260	< 12	< 5	< 7	< 13	< 25	< 10	< 10	< 3	160	< 3	< 18	160
10/1/1991		8260	< 6	< 2.5	< 3.5	< 6.5	< 13	< 5	93	2.5	290	< 1.5	< 9	385.5
1/1/1992		8260	< 12	< 5	< 7	< 13	< 25	< 10	< 10	< 3	110	< 3	< 18	110
4/1/1992		8260	< 12	< 5	< 7	< 13	< 25	< 10	19	< 3	200	< 3	< 18	219
7/1/1992		8260	< 12	< 5	< 7	< 13	< 25	< 10	< 10	< 20	130	< 3	< 18	130
10/1/1992		8260	< 1.2	< 0.5	< 0.7	< 1.3	< 2.5	< 1	8.2	< 0.3	130	< 0.3	< 1.8	138.2
1/1/1993		8260	< 1.2	< 0.5	< 0.7	< 1.3	< 2.5	< 1	12	< 0.3	160	< 0.3	< 1.8	172
3/31/1993		8260	< 1.2	< 0.5	< 0.7	< 1.3	< 2.5	< 1	13	< 0.5	120	< 0.3	2.1	135.1
6/30/1993		8260	< 1.2	< 0.5	< 0.7	< 1.3	< 2.5	< 1	19	0.6	130	< 0.3	3.1	152.7
10/7/1993		8260	< 1.2	< 0.5	< 0.7	< 1.3	< 2.5	< 1	13	< 0.5	120	< 0.3	2.5	135.5
1/27/1994		8260	< 1.2	< 0.5	< 0.7	< 1.3	< 2.5	< 1	13	< 0.5	160	< 0.3	1.9	174.9
4/6/1994		8260	< 1.2	< 0.5	< 0.7	< 1.3	< 2.5	< 1	16	< 0.5	60	< 0.3	< 1.8	76
7/6/1994		8260	< 1.2	< 0.5	< 0.7	< 1.3	< 2.5	< 1	11	< 0.5	77	< 0.3	< 1.8	88
10/7/1994		8260	< 1.2	< 0.5	< 0.7	< 1.3	< 2.5	2.4	14	< 0.5	110	< 0.3	3.1	129.5
1/25/1995		8260	< 1	< 1	< 1	< 1	< 1	< 1	5.8	< 1	61	< 1	< 2	66.8
4/5/1995		8260	< 1	< 1	< 1	< 1	< 1	< 1	1.3	< 1	12	< 1	< 2	13.3
6/27/1995		8260	< 1	< 1	< 1	< 1	< 1	< 1	5.5	< 1	40	< 1	< 2	45.5
10/10/1995		8260	< 1.2	< 0.5	< 1	< 0.7	< 2.5	< 1	9	< 0.64	64	< 0.79	< 1.8	73
1/10/1996		8260	< 1.2	< 0.5	< 1	< 0.7	< 2.5	< 1	6	< 0.64	59	< 0.79	< 1.8	65
4/4/1996		8260	< 1.2	< 0.5	< 1	< 0.7	< 2.5	< 1	9	< 0.64	76	< 0.79	< 1.8	85
7/16/1996		8260	< 1.2	< 0.5	< 1	< 0.7	< 2.5	< 1	7	< 0.64	57	< 0.79	< 1.8	64
10/3/1996		8260	< 1.2	< 0.5	< 1	< 0.7	< 2.5	< 1	5	< 0.64	50	< 0.79	< 1.8	55
1/30/1997		8260	< 1.2	< 0.5	< 1	< 0.7	< 2.5	< 1	5	< 0.64	62	< 0.79	< 1.8	67

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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-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
4/17/1997		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	< 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	< 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	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	< 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	< 1	6.7	< 1	95	0.55	< 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	22	< 1	97	< 1	1.1	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	< 1	18	< 1	109	< 1	< 2	132
10/10/2006	6J11002-06	8260	< 1	< 1	< 1	< 1	< 2	2	73	< 1	414	< 1	4	493
1/9/2007	7A10006-03	8260	< 1	< 1	< 1	< 1	3	< 1	21	< 1	205	< 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	< 1	3	307
1/8/2008	8A09005-06	8260	< 2	< 2	< 2	< 2	4	3	99	< 2	500	< 2	< 4	606
4/7/2008	8D08002-06	8260	< 5	< 5	< 5	< 5	18	< 5	33	< 5	346	< 5	< 10	397
7/22/2008	5422164	8260	< 1	< 0.8	< 1	< 0.8	< 2	1	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	26	< 0.8	210	< 0.8	< 1	236.92
4/16/2009	5649163	8260	< 1	< 0.8	< 1	< 0.8	< 2	0.9	27	< 0.8	270	< 0.8	< 1	297.9
7/9/2009	5720687	8260	< 1	< 0.8	< 1	< 0.8	< 2	0.86	23	< 0.8	230	< 0.8	< 1	253.86

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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
10/6/2009	5799016	8260	<1	<0.8	<1	<0.8	<2	0.89	21	<0.8	190	<0.8	<1	211.89
1/20/2010	5888924	8260	<1	<0.8	<1	<0.8	<2	0.93	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	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	19	<0.8	240	<0.8	<1	259.86
1/23/2013	6932568	8260	<1	<0.8	<1	<0.8	<2	1.2	40	<0.8	350	<0.8	<1	391.2
4/8/2013	7015025	8260	<1	<0.8	<1	<0.8	<2	0.8	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	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	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	26	<0.5	260	<0.5	<0.5	287.98
10/7/2015	8080776	SW8260C	<0.5	0.96	<0.5	<0.5	<2	0.97	42	<0.5	310	<0.5	0.59	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

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 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
1/30/1997		8260	<1.2	<0.5	<1	<0.7	<2.5	<1	2	<0.64	11	<0.79	<1.8	13

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2) Total VOCs have been recalculated and represented as the sum of the detected parameters shown on this table.
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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-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
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	<1	2	<1	<1.8	2.36
10/18/2000	A0751310	8021	<1.2	<1	<1	<1	<2.5	<1	0.49	<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	<1	1.8	<1	<1.8	2.3
10/10/2001	A1994702	8021	<1.2	<1	<1	<1	<2.5	<1	0.59	<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	<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	<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	<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	<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	<0.8	4.9	<0.8	<1	6.4
7/12/2010	6030554	8260	<1	<0.8	<1	<0.8	<2	<0.8	1.4	<0.8	4.9	<0.8	<1	6.3
7/18/2011	6348760	8260	<1	<0.8	<1	<0.8	<2	<0.8	1.5	<0.8	4.6	<0.8	<1	6.1
7/16/2012	6722037	8260	<1	<0.8	<1	<0.8	<2	<0.8	1.1	<0.8	3.8	<0.8	<1	4.9
7/9/2013	7122567	8260	<1	<0.8	<1	<0.8	<2	<0.8	0.94	<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	<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	<1.0	4.5	<1.0	<1.0	5.26

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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-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	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
10/23/1997		8260	< 120	< 50	< 100	< 70	< 250	< 100	120	< 64	3600	< 79	< 180	3720

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Well ID: B-8M		Carbon tetrachloride	Chloroform	1,1-Dichloroethane	1,1-Dichloroethene	Methylene chloride	trans-1,2-Dichloroethene	cis-1,2-Dichloroethene	1,1,1-Trichloroethane	Trichloroethene	Tetrachloroethene	Vinyl chloride	Total	
Date	Lab Sample ID	Method	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	
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	< 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	< 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	< 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	< 1	15000	4	17	16011.1
1/12/2005	A5036104	8260	< 190	< 320	< 380	< 190	< 400	< 320	920	< 250	51000	< 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	< 64	320	32820
10/24/2005	A5B97301	8260	< 1.2	< 1	0.93	12	< 2.5	13	880	0.61	56000	5.4	42	56953.94
1/26/2006	A6102405	8260	< 110	< 130	< 110	< 120	< 180	< 130	1000	< 100	36000	< 140	< 97	37000
4/19/2006	6D20002-03	8260	< 20	< 20	< 20	< 20	< 40	< 20	1020	< 20	23200	< 20	78	24298
7/14/2006	6G14010-01	8260	< 20	< 20	< 20	20	115	32	3450	< 20	58900	< 20	198	62715
10/9/2006	6J10002-08	8260	< 25	< 25	< 25	< 25	74	< 25	975	< 25	29100	< 25	< 50	30149
1/9/2007	7A10006-06	8260	< 25	< 25	< 25	< 25	235	< 25	2580	< 25	48700	< 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	< 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	< 250	< 500	105842
7/24/2008	5424623	8260	< 20	< 16	< 20	< 16	< 40	< 16	1400	< 16	37000	< 16	28	38428
10/16/2008	5501565	8260	< 50	< 40	< 50	< 40	< 100	< 40	4600	< 40	32000	< 40	200	36800
1/15/2009	5578621	8260	< 50	< 40	< 50	< 40	< 100	< 40	3100	< 40	63000	< 40	87	66187
4/13/2009	5647717	8260	< 100	< 80	< 100	< 80	< 200	< 80	3100	< 80	61000	< 80	120	64220
7/7/2009	5718472	8260	< 20	< 16	< 20	< 16	< 40	< 16	1200	< 16	25000	< 16	30	26230
10/7/2009	5800390	8260	< 5	< 4	< 5	12	< 10	13	1900	< 4	32000	< 4	79	34004
1/20/2010	5888925	8260	< 100	< 80	< 100	< 80	< 200	< 80	4600	< 80	80000	< 80	210	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	100010
10/14/2010	6113377	8260	< 5	< 4	< 5	13	< 10	17	3000	< 4	60000	6.6	54	63090.6
1/24/2011	6190819	8260	< 100	< 80	< 100	< 80	< 200	< 80	4600	< 80	70000	< 80	160	74760
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	88800

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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
10/12/2011	6435905	8260	< 100	< 80	< 100	< 80	< 200	< 80	5600	< 80	78000	< 80	270	83870
1/17/2012	6524424	8260	< 1	< 0.8	< 1	9.7	< 2	11	1300	< 0.8	35000	4.5	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	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	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	250	< 2.5	7400	2.7	< 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	< 10	5.3	720	< 2.5	10000	3	10	10753.6
1/6/2015	7731160	8260	< 5	5	< 5	< 5	< 20	< 5	800	< 5	11000	< 5	< 5	11805
4/22/2015	7858500	8260	< 5	5.7	< 5	< 5	< 20	5.6	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	< 1700	2200	< 1700	40000	< 1700	< 1700	43500
5/1/2017	240-78974-4	8260C	< 500	< 500	< 500	< 500	< 500	< 500	430	< 500	14000	< 500	< 500	14430

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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	A5B97302	8260	< 1.2	< 1	< 1	< 1	< 2.5	< 1	< 1	< 1	1.3	< 1	< 1.8	1.3
1/24/2006	A6089109	8260	< 1.2	< 1	< 1	< 1	< 2.5	< 1	< 1	< 1	0.67	< 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	< 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	< 0.8	< 0.8	< 1	0
1/21/2009	5582424	8260	< 1	< 0.8	< 1	< 0.8	< 2	< 0.8	< 0.8	< 0.8	< 0.8	< 0.8	< 1	0
4/16/2009	5649164	8260	< 1	< 0.8	< 1	< 0.8	< 2	< 0.8	< 0.8	< 0.8	< 0.8	< 0.8	< 1	0
7/7/2009	5718463	8260	< 1	< 0.8	< 1	< 0.8	< 2	< 0.8	< 0.8	< 0.8	< 0.8	< 0.8	< 1	0
10/6/2009	5799006	8260	< 1	< 0.8	< 1	< 0.8	< 2	< 0.8	< 0.8	< 0.8	< 0.8	< 0.8	< 1	0
1/20/2010	5888926	8260	< 1	< 0.8	< 1	< 0.8	< 2	< 0.8	< 0.8	< 0.8	< 0.8	< 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-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
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	<0.8	1.7	<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	<0.8	<1	1.1
10/10/2011	6433665	8260	<1	<0.8	<1	<0.8	<2	<0.8	2.3	<0.8	5.4	4.1	<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	<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	2.5	<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	<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	<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	<0.5	2.88
10/3/2014	7625306	8260	<0.5	<0.5	<0.5	<0.5	<2	<0.5	0.79	<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	<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	0.63	<1.0	0.99

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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-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	2	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	< 1	1.1	0.64	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	< 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	1.9	7.6	3.7	45	< 1	< 1.8	63.3
7/16/2004	A4674302	8260	< 1.2	< 1	< 1	< 1	1.3	< 1	4.6	2	36	< 1	< 1.8	43.9
10/15/2004	A4A20301	8021	< 1	< 1	< 1	< 1	1.3	0.51	12	4.1	39	< 1	< 1	56.91
4/19/2005	A5387402	8260	< 1.2	< 1	< 1	< 1	< 2.5	0.49	6	3.5	40	< 1	< 1.8	49.99
7/20/2005	A5762302	8260/5M	< 1.2	< 1	0.7	< 1	< 2.5	0.75	9.1	4.8	45	< 1	< 1.8	60.35
10/24/2005	A5B97303	8260	< 1.2	< 1	0.67	< 1	< 2.5	0.63	11	4.6	55	< 1	< 1.8	71.9
4/19/2006	6D20002-02	8260	< 1	< 1	< 1	< 1	< 2	< 1	5	3	30	< 1	< 2	38

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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
7/18/2006	6G19003-01	8260	<1	<1	<1	<1	4	<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	8.4	4.2	43	<0.8	<1	56.41
10/20/2008	5504259	8260	<1	<0.8	<1	<0.8	<2	0.98	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	35	<0.8	<1	43
7/7/2009	5718465	8260	<1	<0.8	<1	<0.8	<2	<0.8	5.5	2.9	35	<0.8	<1	43.4
10/6/2009	5799010	8260	<1	<0.8	<1	<0.8	<2	<0.8	6.5	3.6	46	<0.8	<1	56.1
4/14/2010	5954139	8260	<1	<0.8	<1	<0.8	<2	<0.8	3.9	2.4	31	<0.8	<1	37.3
7/12/2010	6030558	8260	<1	<0.8	<1	<0.8	<2	<0.8	5.1	2.8	30	<0.8	<1	37.9
10/18/2010	6115530	8260	<1	<0.8	<1	<0.8	<2	1.3	16	4.8	66	<0.8	<1	88.1
4/21/2011	6266005	8260	<1	<0.8	<1	<0.8	<2	<0.8	3.3	1.6	27	<0.8	<1	31.9
7/20/2011	6352277	8260	<1	<0.8	<1	<0.8	<2	<0.8	4.1	2.5	32	<0.8	<1	38.6
10/10/2011	6433666	8260	<1	<0.8	<1	<0.8	<2	<0.8	8.3	3.3	46	<0.8	<1	57.6
4/5/2012	6608275	8260	<1	<0.8	<1	<0.8	<2	<0.8	2.4	1.3	32	<0.8	<1	35.7
7/11/2012	6717352	8260	<1	<0.8	<1	<0.8	<2	<0.8	5.4	3.2	32	<0.8	<1	40.6
10/4/2012	6814364	8260	<1	<0.8	<1	<0.8	<2	0.86	9.4	4	44	<0.8	<1	58.26
4/2/2013	7007576	8260	<1	<0.8	<1	<0.8	<2	<0.8	3.1	2.3	27	<0.8	<1	32.4
7/2/2013	7117035	8260	<1	<0.8	<1	<0.8	<2	<0.8	3.2	2.1	28	<0.8	<1	33.3
11/14/2013	7278188	8260	<1	<0.8	<1	<0.8	<2	<0.8	<0.8	1.7	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	<0.5	<2	0.89	9.6	4.4	43	<0.5	<0.5	58.75
12/8/2016	240-73270-15	8260C	<1.4	<1.4	0.89	0.46	<1.4	0.74	9.7	3.7	39	<1.4	<1.4	54.49
4/28/2017	240-78929-3	8260C	<1.0	<1.0	0.38	<1.0	<1.0	<1.0	3	2.1	21	<1.0	<1.0	26.48

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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-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	< 1	2000	87	1.3	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	170	< 0.8	700	21	< 1	891.87
7/7/2009	5718478	8260	< 1	< 0.8	< 1	< 0.8	< 2	1.8	76	< 0.8	470	21	< 1	568.8

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

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

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
7/12/2010	6030557	8260	< 1	< 0.8	< 1	< 0.8	< 2	1.5	83	< 0.8	500	26	< 1	610.5
7/18/2011	6348762	8260	< 1	< 0.8	< 1	< 0.8	< 2	2.1	60	< 0.8	370	20	< 1	452.1
7/10/2012	6716079	8260	< 1	< 0.8	< 1	< 0.8	< 2	1.4	27	< 0.8	270	15	< 1	313.4
7/2/2013	7117036	8260	< 1	< 0.8	< 1	< 0.8	< 2	< 0.8	4.3	< 0.8	81	4.4	< 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	< 2.5	< 2.5	3.6	< 2.5	3.3	< 2.5	62	1.5	< 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

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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-12M

Date	Lab Sample ID	Method	Carbon tetrachloride (µg/L)	Chloroform (µg/L)	1,1-Dichloroethane (µg/L)	1,1-Dichloroethene (µg/L)	Methylene chloride (µg/L)	trans-1,2-Dichloroethene (µg/L)	cis-1,2-Dichloroethene (µg/L)	1,1,1-Trichloroethane (µg/L)	Trichloroethene (µg/L)	Tetrachloroethene (µg/L)	Vinyl chloride (µg/L)	Total
1/1/1987		8260	< 0.4	< 2	11	< 0.8	< 0.2	< 5	95	13	80	< 5	4.8	203.8
4/1/1987		8260	< 0.2	< 0.2	7	< 0.2	< 0.2	< 5	91	7.8	130	< 5	< 0.2	235.8
7/1/1987		8260	< 20	< 400	250	< 40	61	< 5	11000	490	10000	< 5	62	21863
10/1/1987		8260	< 20	< 50	120	10	10	< 5	1600	140	9900	< 5	44	11824
2/1/1988		8260	< 1	< 4	15	< 2	< 1	< 5	280	20	890	< 5	13	1218
8/1/1988		8260	< 1	< 1	46	< 1	< 1	< 5	390	56	840	< 5	76	1408
11/1/1988		8260	< 10	< 10	120	38	< 10	< 5	6600	270	2200	< 5	1400	10628
1/1/1989		8260	< 1.2	< 5	47	7	0.8	23	700	80	870	< 0.3	28	1755.8
4/1/1989		8260	< 0.1	< 0.05	7	1.5	< 0.1	1.4	40	< 0.03	150	< 0.03	< 0.2	199.9
7/1/1989		8260	< 1.2	< 0.5	21	1.3	< 2.5	< 1	370	< 0.3	570	< 0.3	55	1017.3
10/1/1989		8260	< 25	< 13	160	23	< 25	14	1000	230	2500	< 7.5	100	4027
1/1/1990		8260	< 25	< 13	38	< 25	< 130	< 25	440	31	890	< 7.5	< 25	1399
4/1/1990		8260	< 5	< 2.5	25	< 5	< 25	< 5	240	26	410	< 1.5	< 5	701
7/1/1990		8260	< 5	< 2.5	41	< 5	< 25	< 5	490	29	640	< 1.5	32	1232
10/1/1990		8260	< 5	< 2.5	2200	73	< 5	17	1100	210	2200	< 1.5	75	5875
1/1/1991		8260	< 5	< 2.5	46	7.6	< 25	5	380	43	810	< 1.5	14	1305.6
5/1/1991		8260	< 120	< 50	< 70	< 130	< 25	< 100	370	42	910	< 30	< 180	1322
7/1/1991		8260	< 120	< 50	< 70	< 130	< 250	< 100	220	130	970	< 30	< 180	1320
10/1/1991		8260	< 1200	< 500	< 700	< 1300	< 2500	< 1000	6600	< 300	7800	< 300	< 1800	14400
1/1/1992		8260	< 240	< 100	360	< 260	< 500	< 200	5800	540	8600	< 60	< 360	15300
4/1/1992		8260	< 240	< 100	< 140	< 260	< 500	< 200	580	< 60	1600	< 60	< 360	2180
7/1/1992		8260	< 120	< 50	< 70	< 130	< 250	< 100	570	< 100	1200	< 30	< 180	1770
10/1/1992		8260	< 12	< 5	14	< 13	< 25	< 10	310	27	810	< 3	< 18	1161
1/1/1993		8260	< 12	< 5	50	< 13	< 25	< 10	440	20	670	< 3	< 18	1180
3/30/1993		8260	< 12	< 5	58	19	< 25	15	2400	39	560	< 3	440	3531
6/3/1993		8260	< 12	< 5	120	56	30	78	12000	95	2200	< 3	1100	15679
6/28/1993		8260	< 24	< 10	120	< 26	< 50	42	5800	100	590	< 6	490	7142
7/18/2002	A2732704	8021	< 1.2	< 1	1	< 1	< 2.5	< 1	30	1.4	74	< 1	< 1.8	106.4
7/2/2003	A3639710	8021	< 1.2	< 1	8.3	1.8	< 2.5	3.8	87	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	< 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	4	164	8	581	< 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	560	110	1600	< 1.6	17	2376.8
7/13/2009	5722292	8260	< 2	< 1.6	37	4.3	< 4	7.1	290	78	660	< 1.6	< 2	1076.4
7/12/2010	6030550	8260	< 2	< 1.6	34	8.5	< 4	6.4	370	64	1700	< 1.6	2.1	2185
7/13/2011	6343978	8260	< 2	< 1.6	8.9	2.7	< 4	3.2	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	1.8	< 2	2.1	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	140	< 4.0	< 4.0	155.1

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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

**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	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	120	< 1	0.76	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	14	760	2.4	250	< 1	21	1072.7
4/19/2005	A5387404	8260	< 1.9	< 3.2	21	6.9	< 4	10	1100	2.6	440	< 2.5	22	1602.5
7/21/2005	A5768401	8260/5M	< 2.7	< 3.4	8.5	8.4	< 4.4	24	640	< 2.6	300	< 3.6	9	989.9

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

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

Well ID: B-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
10/20/2005	A5B92004	8260	< 2.7	< 3.4	6.7	< 2.9	6.5	20	640	< 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	< 1	137	< 1	5	472
7/14/2006	6G14010-05	8260	< 1	< 1	7	5	9	20	838	< 1	202	< 1	59	1140
10/11/2006	6J12003-01	8260	< 1	< 1	3	2	< 2	8	368	< 1	73	< 1	19	473
1/10/2007	7A11003-05	8260	< 1	< 1	2	< 1	< 2	2	225	< 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	< 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	4.2	< 2	14	660	< 0.8	210	< 0.8	33	925.6
10/15/2008	5499970	8260	< 1	< 0.8	3.7	2.6	< 2	12	470	< 0.8	180	< 0.8	6.1	674.4
1/14/2009	5577590	8260	< 1	< 0.8	4.9	2.1	< 2	3.6	260	3.4	270	< 0.8	3.4	547.4
4/14/2009	5646770	8260	< 1	< 0.8	5.2	3.1	< 2	7	460	3.2	460	< 0.8	17	955.5
7/9/2009	5720678	8260	< 1	< 0.8	4.7	3.7	< 2	14	640	0.92	230	< 0.8	39	932.32
10/5/2009	5797965	8260	< 1	< 0.8	4.5	3	< 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	131.6
4/13/2010	5953086	8260	< 1	< 0.8	4.2	2.6	< 2	5.8	360	2.3	340	< 0.8	19	733.9
7/14/2010	6032692	8260	< 1	< 0.8	3.3	2	< 2	8	430	< 0.8	140	< 0.8	24	607.3
10/14/2010	6113372	8260	< 1	< 0.8	6	4.7	< 2	18	740	1.2	240	< 0.8	13	1022.9
1/25/2011	6191897	8260	< 1	< 0.8	3.4	0.8	< 2	2.7	200	< 0.8	68	< 0.8	4.5	279.4
4/18/2011	6261651	8260	< 1	< 0.8	22	4.7	< 2	4.8	500	3	490	< 0.8	15	1039.5
7/12/2011	6342652	8260	< 1	< 0.8	12	3.9	< 2	7.4	450	1.5	380	< 0.8	16	870.8
10/11/2011	6434702	8260	< 2	< 1.6	8.8	5.2	< 4	15	770	< 1.6	350	< 1.6	8.6	1157.6
1/25/2012	6532442	8260	< 1	< 0.8	47	10	< 2	9.6	780	5.2	870	0.91	24	1746.71
4/10/2012	6612005	8260	< 1	< 0.8	2	1.6	< 2	4.3	440	< 0.8	6	< 0.8	140	593.9
7/18/2012	6726437	8260	< 1	< 0.8	7.3	4.3	< 2	14	630	0.96	260	< 0.8	27	943.56
10/2/2012	6810732	8260	< 1	< 0.8	7.5	4.3	< 2	16	770	< 0.8	240	< 0.8	9.9	1047.7
1/22/2013	6931415	8260	< 1	< 0.8	30	4.4	< 2	4.8	420	5.5	420	< 0.8	15	899.7
4/3/2013	7010220	8260	< 1	< 0.8	21	3.6	< 2	4.6	370	4	380	< 0.8	32	815.2
7/8/2013	7120723	8260	< 1	< 0.8	26	5.2	< 2	4.2	460	4.2	610	1.5	17	1128.1
11/13/2013	7276545	8260	< 1	< 0.8	4.9	1	< 2	1.2	160	1.1	190	< 0.8	6.8	365
1/16/2014	7340024	8260	< 1	< 0.8	1.9	< 0.8	< 2	< 0.8	96	< 0.8	120	< 0.8	2.7	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	< 2	1.6	96	< 0.5	90	< 0.5	3.4	193.12
10/3/2014	7625308	8260	< 0.5	< 0.5	0.98	< 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	< 2	1.4	120	0.87	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	< 0.5	< 2	0.66	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	190	< 0.5	5.8	662.48
12/9/2016	240-73270-18	8260C	< 33	< 33	< 33	< 33	< 33	13	750	< 33	260	< 33	< 33	1023
4/26/2017	240-78855-6	8260C	< 13	< 13	10	< 13	< 13	5.5	390	< 13	260	< 13	8.7	674.2

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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.
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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	39	< 1	260	< 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	9	< 1.8	606.8
7/13/2006	6G14009-04	8260	< 5	< 5	< 5	< 5	< 10	< 5	306	< 5	1500	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	130	< 0.8	300	3.9	< 1	435
7/18/2011	6348761	8260	< 1	< 0.8	< 1	< 0.8	< 2	1.1	64	< 0.8	360	4.3	< 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	75.38
7/6/2015	7956059	SW8260C	< 0.5	3.5	< 0.5	< 0.5	< 2	0.56	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	< 1.0	41.52

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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.
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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	< 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
7/9/2015	7962638	SW8260C	< 0.5	< 0.5	< 0.5	< 0.5	< 2	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	0

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

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

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

Well ID: B-16M

Date	Lab Sample ID	Method	Carbon tetrachloride (µg/L)	Chloroform (µg/L)	1,1-Dichloroethane (µg/L)	1,1-Dichloroethene (µg/L)	Methylene chloride (µg/L)	trans-1,2-Dichloroethene (µg/L)	cis-1,2-Dichloroethene (µg/L)	1,1,1-Trichloroethane (µg/L)	Trichloroethene (µg/L)	Tetrachloroethene (µg/L)	Vinyl chloride (µg/L)	Total
2/1/1988		8260	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	1.1	< 5	< 0.2	1.1
8/1/1988		8260	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 5	3	< 0.2	< 0.2	< 5	< 0.2	3
11/1/1988		8260	< 0.2	< 0.2	< 0.2	< 0.2	< 1	< 0.2	< 0.2	< 0.2	2	< 5	< 0.2	2
1/1/1989		8260	< 0.1	< 5	< 0.07	< 0.1	< 0.1	< 0.1	< 1	< 0.03	3	< 0.03	< 0.2	3
4/1/1989		8260	< 0.1	< 0.05	< 0.07	< 0.03	< 0.1	< 0.1	< 1	< 0.03	7.7	< 0.03	< 0.2	7.7
7/1/1989		8260	< 1.2	< 0.5	< 0.7	< 1.3	< 2.5	< 1	< 1	< 0.3	1.2	< 0.3	< 1.8	1.2
10/1/1989		8260	< 1	< 0.5	< 0.7	< 1	< 1	< 1	< 1	< 0.3	< 1	< 0.3	< 1	0
1/1/1990		8260	< 1	0.7	< 0.7	< 1	< 5	< 1	< 1	< 0.3	4.2	< 0.3	< 1	4.9
4/1/1990		8260	< 1	< 0.5	< 0.7	< 1	< 5	< 1	3	< 0.3	< 1	< 0.3	< 1	3
7/1/1990		8260	< 1	< 0.5	< 0.7	< 1	< 5	< 1	< 1	< 0.3	< 1	< 0.3	< 1	0
10/1/1990		8260	< 1	< 0.5	< 0.7	< 1	< 1	< 1	< 1	< 0.3	< 1	< 0.3	< 1	0
1/1/1991		8260	< 1	< 0.5	< 0.7	< 1	< 5	< 1	< 1	7.7	1.6	0.3	< 1	9.6
5/1/1991		8260	< 1.2	< 0.5	< 0.7	< 1.3	< 2.5	< 1	< 1	< 0.3	< 1.2	< 0.3	< 1.8	0
7/1/1991		8260	< 1.2	< 0.5	< 0.7	< 1.3	< 2.5	< 1	< 1	< 0.3	< 1.2	< 0.3	< 1.8	0
10/1/1991		8260	< 1.2	< 0.5	< 0.7	< 1.3	< 2.5	< 1	< 1	< 0.3	< 1.2	< 0.3	< 1.8	0
1/1/1992		8260	< 1.2	< 0.5	< 0.7	< 1.3	< 2.5	< 1	< 1	< 0.3	< 1.2	< 0.3	< 1.8	0
4/1/1992		8260	< 1.2	< 0.5	< 0.7	< 1.3	< 2.5	< 1	< 1	< 0.3	< 1.2	< 0.3	< 1.8	0
7/1/1992		8260	< 1.2	< 0.5	< 0.7	< 1.3	< 2.5	< 1	< 1	< 0.3	< 1.2	< 0.3	< 1.8	0
10/1/1992		8260	< 1.2	< 0.5	< 0.7	< 1.3	< 2.5	< 1	< 1	< 0.3	< 1.2	< 0.3	< 1.8	0
1/1/1993		8260	< 1.2	< 0.5	< 0.7	< 1.3	< 2.5	< 1	< 1	< 0.3	< 1.2	< 0.3	< 1.8	0
3/31/1993		8260	< 1.2	< 0.5	< 0.7	< 1.3	< 2.5	< 1	< 1	< 0.5	< 1.2	< 0.3	< 1.8	0
6/29/1993		8260	< 1.2	< 0.5	< 0.7	< 1.3	< 2.5	< 1	< 1	2.4	< 1.2	< 0.3	< 1.8	2.4
7/17/2002	A2732702	8021	< 1.2	< 1	< 1	< 1	< 2.5	< 1	< 1	< 1	2.3	< 1	< 1.8	2.3
7/2/2003	A3639712	8021	< 1.2	< 1	< 1	< 1	< 2.5	< 1	< 1	< 1	4.7	< 1	< 1.8	4.7
6/29/2004	A4614510	8021	< 1.2	< 1	< 1	< 1	< 2.5	< 1	< 1	< 1	< 1.2	< 1	< 1.8	0
7/8/2005	A5715205	8260/5M	< 1.2	< 1	< 1	< 1	< 2.5	< 1	< 1	< 1	0.77	< 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	< 0.8	< 1	< 0.8	< 1	1.1
7/10/2012	6716069	8260	< 1	< 0.8	< 1	< 0.8	< 2	< 0.8	1.2	< 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	2.5	< 1.0	0.69	< 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

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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;
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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-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
8/18/1998		8260	< 1200	< 500	< 1000	< 700	< 2500	< 1000	9100	< 640	31000	< 790	< 1800	40100

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

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

Well ID: B-17M

Date	Lab Sample ID	Method	Carbon tetrachloride (µg/L)	Chloroform (µg/L)	1,1-Dichloroethane (µg/L)	1,1-Dichloroethene (µg/L)	Methylene chloride (µg/L)	trans-1,2-Dichloroethene (µg/L)	cis-1,2-Dichloroethene (µg/L)	1,1,1-Trichloroethane (µg/L)	Trichloroethene (µg/L)	Tetrachloroethene (µg/L)	Vinyl chloride (µg/L)	Total
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	< 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	9.7	< 2.5	30	1500	9.4	5300	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	< 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	140	8900	0.98	1000	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	< 20	7730	< 20	1210	18657
7/18/2006	6G19003-05	8260	< 25	< 25	72	40	212	61	8250	34	8170	< 25	1320	18159
10/9/2006	6J10002-09	8260	< 25	< 25	66	28	129	36	6730	175	12000	< 25	798	19962
1/9/2007	7A10006-08	8260	< 25	< 25	< 25	< 25	227	< 25	5190	< 25	12800	< 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	< 20	45	8000	11	3800	< 8	1300	13271
10/14/2008	5498684	8260	< 10	< 8	100	50	< 20	52	11000	10	3900	< 8	1500	16612
1/14/2009	5577592	8260	< 5	< 4	180	39	< 10	34	5900	49	2800	5.8	910	9917.8
4/15/2009	5647720	8260	< 10	< 8	210	49	< 20	35	6600	75	3900	9.4	750	11628.4
7/7/2009	5718470	8260	< 5	< 4	120	50	< 10	62	14000	20	3700	< 4	2200	20152
10/7/2009	5800387	8260	< 1	< 0.8	84	52	< 2	44	7500	12	4900	2.3	960	13554.3
1/20/2010	5888921	8260	< 10	< 8	220	39	< 20	32	6300	67	3000	< 8	620	10278
4/12/2010	5951990	8260	< 10	< 8	260	65	< 20	39	7400	93	7900	14	820	16591
7/14/2010	6032688	8260	< 10	< 8	110	46	< 20	53	14000	14	4300	< 8	1700	20223
10/14/2010	6113376	8260	< 10	< 8	35	26	< 20	27	8600	< 8	4500	< 8	940	14128
1/25/2011	6191890	8260	< 10	< 8	90	35	< 20	42	7400	15	6100	< 8	720	14402

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 Result is estimated.
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 µg/L - micrograms per liter

Well ID: B-17M

Date	Lab Sample ID	Method	Carbon tetrachloride (µg/L)	Chloroform (µg/L)	1,1-Dichloroethane (µg/L)	1,1-Dichloroethene (µg/L)	Methylene chloride (µg/L)	trans-1,2-Dichloroethene (µg/L)	cis-1,2-Dichloroethene (µg/L)	1,1,1-Trichloroethane (µg/L)	Trichloroethene (µg/L)	Tetrachloroethene (µg/L)	Vinyl chloride (µg/L)	Total
4/19/2011	6263087	8260	< 5	< 4	36	29	< 10	54	14000	21	5300	< 4	1400	20840
7/13/2011	6343974	8260	< 10	< 8	150	47	< 20	47	11000	32	6600	< 8	1200	19076
10/12/2011	6435901	8260	< 10	< 8	52	32	< 20	36	8500	< 8	6800	< 8	890	16310
1/16/2012	6523837	8260	< 10	< 8	130	40	< 20	35	7200	21	6100	< 8	790	14316
4/9/2012	6610602	8260	< 10	< 8	45	35	< 20	48	8900	< 8	7800	< 8	1200	18028
7/18/2012	6726431	8260	< 10	< 8	170	67	< 20	69	15000	20	6300	< 8	2200	23826
10/2/2012	6810730	8260	< 10	< 8	95	49	< 20	46	12000	9.1	4600	< 8	1600	18399.1
1/23/2013	6932578	8260	< 10	< 8	66	42	< 20	40	8000	15	6500	< 8	960	15623
4/4/2013	7011179	8260	< 5	< 4	54	36	< 10	41	9900	7.9	7900	< 4	1200	19138.9
7/8/2013	7120732	8260	< 2	< 1.6	76	47	< 4	51	10000	14	5200	4.1	1200	16592.1
11/12/2013	7275077	8260	< 10	< 8	75	47	< 20	50	11000	15	6700	< 8	1400	19287
1/16/2014	7340032	8260	< 10	< 8	110	34	< 20	31	6200	22	4200	10	500	11107
4/16/2014	7433449	8260	< 5	< 5	77	39	< 20	34	6300	17	8300	7.7	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	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	< 200	4100	< 200	3200	< 200	1500	8950
4/26/2017	240-78855-1	8260C	< 250	< 250	65	< 250	< 250	< 250	4000	< 250	6400	< 250	510	10975

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**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	< 0.3	< 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	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	13	0.35	< 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	< 1	< 2.5	0.36	14	< 1	1.2	< 1	7.8	24.34
10/19/2000	A0751319	8021	< 1.2	< 1	1.4	< 1	< 2.5	0.48	12	0.32	0.24	< 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	12	0.47	0.56	< 1	15	30.44
10/12/2001	A1A01001	8021	< 1.2	< 1	1	< 1	< 2.5	1	28	< 1	0.71	< 1	13	43.71
1/14/2002	A2039402	8021	< 1.2	< 1	0.73	< 1	< 2.5	2.4	61	< 1	1.8	< 1	17	82.93
4/8/2002	A2332602	8260	< 1.2	< 1	0.59	< 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	< 1	< 2.5	2.2	30	< 1	0.82	< 1	14	47.64
1/13/2003	A3038004	8021	< 1.2	< 1	0.62	< 1	< 2.5	1.4	18	< 1	< 1.2	< 1	14	34.02
4/21/2003	A3370801	8021	< 1.2	< 1	0.44	< 1	1.8	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
4/29/2004	A4402301	8021	< 1.2	< 1	< 1	< 1	< 2.5	1.8	26	< 1	< 1.2	< 1	16	43.8

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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
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	6.6	75	< 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	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	12.7
7/16/2012	6722031	8260	< 1	< 0.8	< 1	< 0.8	< 2	< 0.8	7	< 0.8	< 1	< 0.8	4	11
7/2/2013	7117032	8260	< 1	< 0.8	< 1	< 0.8	< 2	< 0.8	6.8	< 0.8	29	< 0.8	1.7	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	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	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

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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-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	<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	<1	9.8	35.14
1/27/2000	A0057802	8021	<1.2	<1	1	0.32	<2.5	<1	13	0.77	0.48	<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	<1	<2.5	<1	12	0.4	1.1	<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	<1	1.4	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	<1	<2.5	<1	5.5	0.27	0.95	<1	0.56	7.6
10/12/2001	A1A01005	8021	<1.2	<1	<1	<1	<2.5	<1	2.4	<1	0.25	<1	0.24	2.89
1/14/2002	A2039401	8021	<1.2	<1	0.25	<1	<2.5	<1	3.4	0.25	0.98	<1	1	5.88
4/8/2002	A2332601	8260	<1.2	<1	0.37	<1	<2.5	<1	3.4	0.22	0.37	0.24	0.35	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	<1	<2.5	<1	4.2	0.36	1.1	<1	0.43	6.41
1/13/2003	A3038002	8021	<1.2	<1	<1	<1	<2.5	<1	2.9	<1	1.4	<1	0.37	4.67
4/22/2003	A3376401	8021	<1.2	<1	0.31	<1	<2.5	<1	4.6	0.33	<1.2	<1	0.92	6.16
7/14/2003	A3670601	8021	<1.2	<1	0.24	<1	<2.5	<1	4.9	0.21	0.28	<1	0.51	6.14

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Result is estimated.
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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
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	<1	<1	1	12.57
1/12/2005	A5036401	8260	<1.2	<1	<1	<1	<2.5	<1	3.7	<1	0.41	<1	0.98	5.09
4/4/2005	A5307808	8260	<1.2	<1	<1	<1	<2.5	<1	3.7	<1	0.32	<1	0.75	4.77
7/21/2005	A5768301	8260/5M	<1.2	<1	<1	<1	<2.5	<1	6.3	<1	<1.2	<1	1	7.3
10/20/2005	A5B91902	8260	<1.2	<1	<1	<1	<2.5	<1	4	<1	0.51	<1	0.92	5.43
1/24/2006	A6089112	8260	<1.2	<1	<1	<1	<2.5	<1	4.2	<1	0.56	<1	1.3	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	<0.8	<1	<0.8	<1	2.5
10/15/2008	5499969	8260	<1	<0.8	<1	<0.8	<2	<0.8	3.8	<0.8	2.2	<0.8	<1	6
1/14/2009	5577589	8260	<1	<0.8	<1	<0.8	<2	<0.8	2.6	<0.8	<1	<0.8	<1	2.6
4/14/2009	5646769	8260	<1	<0.8	<1	<0.8	<2	<0.8	3.5	<0.8	<1	<0.8	1.3	4.8
7/9/2009	5720693	8260	<1	<0.8	<1	<0.8	<2	<0.8	2.8	<0.8	<1	<0.8	<1	2.8
10/5/2009	5797964	8260	<1	<0.8	<1	<0.8	<2	<0.8	2.7	<0.8	<1	<0.8	<1	2.7
1/25/2010	5892344	8260	<1	<0.8	<1	<0.8	<2	<0.8	2.1	<0.8	<1	<0.8	<1	2.1
4/13/2010	5953087	8260	<1	<0.8	<1	<0.8	<2	<0.8	2	<0.8	<1	<0.8	<1	2
7/14/2010	6032693	8260	<1	<0.8	<1	<0.8	<2	<0.8	2.8	<0.8	<1	<0.8	<1	2.8
10/14/2010	6113368	8260	<1	<0.8	<1	<0.8	<2	1.9	120	<0.8	25	<0.8	1.6	148.5
1/25/2011	6191896	8260	<1	<0.8	<1	<0.8	<2	<0.8	15	<0.8	1.9	<0.8	<1	16.9
4/18/2011	6261650	8260	<1	<0.8	<1	<0.8	<2	<0.8	2.4	<0.8	<1	<0.8	<1	2.4
7/12/2011	6342653	8260	<1	<0.8	<1	<0.8	<2	<0.8	2.8	<0.8	<1	<0.8	<1	2.8
10/11/2011	6434703	8260	<1	<0.8	<1	<0.8	<2	<0.8	3.7	<0.8	<1	<0.8	1.1	4.8
1/17/2012	6524429	8260	<1	<0.8	<1	<0.8	<2	<0.8	2.9	<0.8	<1	<0.8	<1	2.9
4/10/2012	6612009	8260	<1	<0.8	<1	<0.8	<2	<0.8	3.9	<0.8	1.1	<0.8	1.1	6.1
1/22/2013	6931416	8260	<1	<0.8	<1	<0.8	<2	<0.8	0.81	<0.8	<1	<0.8	<1	0.81
4/3/2013	7010221	8260	<1	<0.8	<1	<0.8	<2	<0.8	2.5	<0.8	1.4	<0.8	<1	3.9
7/8/2013	7120734	8260	<1	<0.8	<1	<0.8	<2	<0.8	2.9	<0.8	<1	<0.8	<1	2.9
11/13/2013	7276544	8260	<1	<0.8	<1	<0.8	<2	<0.8	2.9	<0.8	2.1	<0.8	<1	5
1/16/2014	7340026	8260	<1	<0.8	<1	<0.8	<2	<0.8	3.1	<0.8	1.9	<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	<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	2.95
1/7/2015	7732745	8260	<0.5	<0.5	<0.5	<0.5	<2	<0.5	2.2	<0.5	0.54	<0.5	0.76	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	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	1.81

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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	<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	<1	<1.8	0.26
7/11/2000	A0483112	8021	<1.2	<1	<1	<1	<2.5	<1	<1	<1	0.67	<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
4/22/2005	A5402101	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:
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
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	< 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

< - 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:
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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-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	<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
1/24/2006	A6089101	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.
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
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	<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	<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

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**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	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	<10	<7	<25	<10	340	<6.4	26	<7.9	<18	374.1
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

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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-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
7/22/1999		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	< 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	21	1400	< 1	110	< 1	9.6	1554.9
4/18/2002	A2378801	8021	< 1.2	< 1	< 1	< 1	0.8	< 1	130	< 1	9.2	< 1	36	176
7/15/2002	A2722901	8021	< 1.2	< 1	< 1	< 1	2.2	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	80	< 1	3.2	< 1	12	96.14
4/24/2003	A3389602	8021	< 1.2	< 1	< 1	< 1	1.6	< 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	170	< 1	24	< 1	10	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	0.34	56	< 1	2.2	418.94
4/26/2005	A5414404	8260	< 1.9	< 3.2	< 3.8	< 1.9	< 4	7	250	< 2.5	33	< 2.5	< 5.9	290
7/25/2005	A5790401	8260/5M	< 1.2	< 1.1	< 1	< 1.2	< 2.5	1.6	110	< 1.1	14	< 1.3	7.8	133.4
10/21/2005	A5B92801	8260	< 1.2	< 1	< 1	< 1	< 2.5	0.61	36	< 1	3.9	< 1	1.2	41.71
1/24/2006	A6089102	8260	< 1.2	< 1	2.9	1.4	< 2.5	15	460	< 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	< 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	< 1	95	< 1	2	417
7/21/2008	5420900	8260	< 1	< 0.8	< 1	< 0.8	< 2	< 0.8	24	< 0.8	4.9	< 0.8	1.2	30.1
10/15/2008	5499967	8260	< 1	< 0.8	< 1	< 0.8	< 2	< 0.8	29	< 0.8	4.1	< 0.8	< 1	33.1
1/13/2009	5576505	8260	< 1	< 0.8	3.1	2	< 2	14	460	< 0.8	120	< 0.8	1	600.1
4/20/2009	5651167	8260	< 1	< 0.8	< 1	< 0.8	< 2	3.8	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	< 0.8	1.6	33.4
10/6/2009	5799012	8260	< 1	< 0.8	< 1	< 0.8	< 2	1.5	70	< 0.8	15	< 0.8	1.1	87.6
1/26/2010	5893228	8260	< 1	< 0.8	< 1	< 0.8	< 2	4.8	120	< 0.8	44	< 0.8	< 1	168.8
4/19/2010	5957668	8260	< 1	< 0.8	< 1	< 0.8	< 2	3.8	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	35.6
1/27/2011	6194103	8260	< 1	< 0.8	< 1	< 0.8	< 2	1.3	64	< 0.8	15	< 0.8	1.3	81.6
4/14/2011	6259038	8260	< 1	< 0.8	2.5	1	< 2	7.7	280	< 0.8	97	< 0.8	< 1	388.2
7/25/2011	6355561	8260	< 1	< 0.8	< 1	< 0.8	< 2	2.3	93	< 0.8	26	< 0.8	1.3	122.6
10/10/2011	6433661	8260	< 1	< 0.8	< 1	< 0.8	< 2	0.89	43	< 0.8	8.5	< 0.8	1.9	54.29

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 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
1/18/2012	6526482	8260	< 1	< 0.8	1.2	< 0.8	< 2	4.8	120	< 0.8	63	< 0.8	< 1	189
4/10/2012	6612011	8260	< 1	< 0.8	< 1	< 0.8	< 2	4	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	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	< 0.8	< 2	5.7	150	< 0.8	53	< 0.8	< 1	209.9
11/14/2013	7278191	8260	< 1	< 0.8	1.7	< 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	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	28.17
1/6/2015	7731162	8260	< 0.5	< 0.5	1.4	0.68	< 2	5.7	180	< 0.5	100	< 0.5	0.57	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	45	< 0.5	20	< 0.5	1	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	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	27.71
12/6/2016	240-73125-9	8260C	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	0.56	37	< 1.0	7.7	< 1.0	2.1	47.36
4/27/2017	240-78855-12	8260C	< 1.3	< 1.3	0.41	< 1.3	< 1.3	2.2	50	< 1.3	20	< 1.3	< 1.3	72.61

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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-23M

Date	Lab Sample ID	Method	Carbon tetrachloride (µg/L)	Chloroform (µg/L)	1,1-Dichloroethane (µg/L)	1,1-Dichloroethene (µg/L)	Methylene chloride (µg/L)	trans-1,2-Dichloroethene (µg/L)	cis-1,2-Dichloroethene (µg/L)	1,1,1-Trichloroethane (µg/L)	Trichloroethene (µg/L)	Tetrachloroethene (µg/L)	Vinyl chloride (µg/L)	Total
1/1/1989		8260	< 0.1	< 5	2.4	2.6	< 0.1	4.7	900	< 0.03	2.6	< 0.03	46	958.3
4/1/1989		8260	< 0.1	< 0.05	4	3.7	< 0.1	< 0.1	720	< 0.03	2.1	< 0.03	66	795.8
7/1/1989		8260	< 1.2	< 0.5	3.5	3.9	< 2.5	3.8	1100	< 0.3	1.5	< 0.3	100	1212.7
10/1/1989		8260	< 10	< 5	< 7	4.7	< 10	14	750	< 3	13	< 3	65	846.7
1/1/1990		8260	< 10	< 5	7.7	< 10	71	20	2300	< 3	71	< 3	86	2555.7
4/1/1990		8260	< 10	< 5	< 7	< 10	< 50	< 10	1100	< 3	63	< 3	37	1200
7/1/1990		8260	< 10	< 5	< 7	< 10	< 50	< 10	1000	< 3	46	< 3	92	1138
10/1/1990		8260	< 5	< 2.5	5.3	< 5	< 5	5.3	650	< 1.5	< 5	< 1.5	68	728.6
1/1/1991		8260	< 5	< 2.5	< 3.5	< 5	< 25	5.7	1300	< 1.5	89	< 1.5	51	1445.7
5/1/1991		8260	< 60	< 25	< 35	< 65	< 125	< 50	1500	< 15	< 60	< 15	91	1591
7/1/1991		8260	< 60	< 25	< 35	< 65	< 130	< 50	770	< 15	< 60	< 15	< 90	770
10/1/1991		8260	< 120	< 50	< 70	< 130	< 250	< 100	960	< 30	< 120	< 30	< 180	960
1/1/1992		8260	< 120	< 50	< 70	< 130	< 250	< 100	1800	< 30	< 240	< 30	< 360	1800
4/1/1992		8260	< 120	< 50	< 70	< 130	< 250	< 100	< 1100	< 30	< 120	< 30	< 180	0
7/1/1992		8260	< 120	< 50	< 70	< 130	< 250	< 100	1600	< 30	< 120	< 30	< 180	1600
10/1/1992		8260	< 12	< 5	< 7	< 13	< 25	< 10	1100	< 3	< 12	4.1	72	1176.1
1/1/1993		8260	< 12	< 5	< 7	< 13	< 25	< 10	1100	< 3	63	< 3	24	1187
3/31/1993		8260	< 6	< 2.5	3.8	< 6.5	< 13	6.9	1100	< 2.5	12	< 1.5	95	1217.7
6/3/1993		8260	< 6	< 2.5	< 3.5	< 6.5	< 12	7.5	1100	< 2.5	8	< 1.5	72	1187.5
6/30/1993		8260	< 12	< 5	< 7	< 13	< 25	< 10	960	5.1	< 12	< 3	92	1057.1
8/5/1993		8260	< 12	< 5	< 7	< 13	< 25	< 10	990	< 5	< 12	< 3	73	1063
9/1/1993		8260	< 12	< 5	< 7	< 13	< 25	12	980	< 5	< 12	< 3	110	1102
10/5/1993		8260	< 12	5.6	< 7	< 13	< 25	< 10	1000	< 5	< 12	< 3	120	1125.6
1/26/1994		8260	< 1.2	< 0.5	< 2.2	< 1.3	< 2.5	5.4	1200	< 0.5	< 1.2	< 0.3	350	1555.4
4/6/1994		8260	< 1.2	< 0.5	4.8	2.4	< 2.5	20	1200	1.3	82	< 0.3	50	1360.5
7/8/1994		8260	< 12	< 5	< 7	< 13	< 25	< 10	900	< 5	< 12	< 3	39	939
10/6/1994		8260	< 12	< 5	< 7	21	< 25	22	1100	< 5	< 12	< 3	90	1233
1/25/1995		8260	< 5	< 5	< 5	< 5	< 5	5.9	530	< 5	22	< 5	26	583.9
4/4/1995		8260	< 2.5	< 2.5	< 2.5	< 2.5	< 2.5	6.5	220	< 2.5	67	< 2.5	< 5	293.5
6/28/1995		8260	< 5	< 5	< 5	< 5	< 5	< 5	380	< 5	7.9	< 5	15	402.9
10/4/1995		8260	< 1.2	< 0.5	2.7	2.8	< 2.5	9.4	860	< 0.64	15	< 0.79	58	947.9
1/9/1996		8260	< 12	< 5	< 10	< 7	< 25	10	330	< 6.4	88	< 7.9	< 18	428
4/3/1996		8260	< 12	< 5	< 10	< 7	< 25	14	480	< 6.4	130	< 7.9	< 18	624
7/10/1996		8260	< 12	< 5	< 10	< 7	< 25	11	930	< 6.4	26	< 7.9	26	993
10/3/1996		8260	< 12	9.3	< 10	< 7	< 25	13	420	< 6.4	110	< 7.9	< 18	552.3
1/27/1997		8260	< 12	< 5	< 10	< 7	< 25	< 10	240	< 6.4	79	< 7.9	< 18	319
4/16/1997		8260	< 12	< 5	< 10	< 7	< 25	< 10	240	< 6.4	60	< 7.9	< 18	300
7/10/1997		8260	< 12	7.6	< 10	< 7	< 25	< 10	420	< 6.4	45	< 7.9	< 18	472.6
10/22/1997		8260	< 12	< 5	< 10	< 7	< 25	< 10	820	< 6.4	12	< 7.9	20	852
1/20/1998		8260	< 12	9.1	< 10	< 7	< 25	< 10	470	< 6.4	130	< 7.9	< 18	609.1
4/23/1998		8260	< 12	< 5	< 10	< 7	< 25	< 10	230	< 6.4	68	< 7.9	< 18	298
7/22/1998		8260	< 12	< 5	< 10	< 7	< 25	< 10	520	< 0.64	20	< 0.79	< 1.8	540
10/9/1998		8260	< 12	< 5	< 10	< 7	< 25	< 10	440	< 0.64	12	< 0.79	27	479
1/22/1999		8260	< 12	20	< 10	< 7	< 25	< 10	620	< 6.4	< 1.2	< 7.9	< 18	640
4/19/1999		8260	< 12	13	< 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
10/11/1999		8260	< 1.2	< 1	0.84	0.94	< 2.5	3.7	280	< 1	7.2	< 1	11	303.68

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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-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
1/10/2000	A0018403	8021	< 1.2	< 1	< 1	< 1	3.4	7	190	< 1	42	< 1	1.1	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	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	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	< 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	< 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	< 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	< 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	< 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	< 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	< 1	21	< 1	24	344
7/25/2008	5426028	8260	< 1	< 0.8	1.1	< 0.8	< 2	0.87	270	< 0.8	1.8	< 0.8	58	331.77
10/17/2008	5502673	8260	< 1	< 0.8	1.2	< 0.8	< 2	0.9	280	< 0.8	1.5	< 0.8	37	320.6
1/13/2009	5576509	8260	< 1	< 0.8	2.2	0.96	< 2	2.3	270	< 0.8	53	< 0.8	17	345.46
4/13/2009	5647710	8260	< 1	< 0.8	1.4	< 0.8	< 2	1.6	260	< 0.8	21	< 0.8	11	295
7/14/2009	5723623	8260	< 1	< 0.8	1.2	< 0.8	< 2	0.93	290	< 0.8	2.8	< 0.8	33	327.93
10/5/2009	5797962	8260	< 1	< 0.8	1.1	< 0.8	< 2	0.93	260	< 0.8	4.8	< 0.8	29	295.83
1/21/2010	5889953	8260	< 1	< 0.8	2.4	0.87	< 2	2.5	240	1.8	110	< 0.8	9.7	367.27
4/19/2010	5957669	8260	< 1	< 0.8	1.7	0.91	< 2	1.3	280	< 0.8	22	< 0.8	28	333.91
7/13/2010	6031621	8260	< 1	< 0.8	1.3	< 0.8	< 2	0.95	270	< 0.8	8.2	< 0.8	40	320.45
10/18/2010	6115537	8260	< 1	< 0.8	< 1	< 0.8	< 2	0.93	270	< 0.8	1.2	< 0.8	33	305.13
1/26/2011	6192948	8260	< 1	< 0.8	2.6	< 0.8	< 2	3.5	170	1.4	120	< 0.8	1.7	299.2
4/21/2011	6266004	8260	< 1	< 0.8	1.1	0.83	< 2	1	280	< 0.8	< 1	< 0.8	17	299.93
7/21/2011	6353678	8260	< 1	< 0.8	1.1	< 0.8	< 2	0.86	260	< 0.8	3.7	< 0.8	28	293.66
10/13/2011	6437681	8260	< 1	< 0.8	1.1	< 0.8	< 2	1	240	< 0.8	10	< 0.8	27	279.1
1/17/2012	6524418	8260	< 1	< 0.8	1.7	< 0.8	< 2	1.4	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	< 0.8	23	274.3

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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: 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
7/12/2012	6719399	8260	< 1	< 0.8	1.1	< 0.8	< 2	0.91	240	< 0.8	4.8	< 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	< 0.8	< 2	2	190	2	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	< 0.8	28	251.7
7/16/2013	7129889	8260	< 1	< 0.8	3.4	0.91	< 2	2.2	190	1.4	170	< 0.8	9.3	377.21
11/13/2013	7276549	8260	< 1	< 0.8	2.6	1	< 2	2	250	1.2	170	< 0.8	11	437.8
1/17/2014	7341389	8260	< 1	< 0.8	2	< 0.8	< 2	1.8	170	0.83	130	< 0.8	1.1	305.73
4/24/2014	7442060	8260	< 0.5	< 0.5	1.2	0.62	< 2	1	210	< 0.5	27	< 0.5	11	250.82
7/16/2014	7535886	8260	< 0.5	< 0.5	2.1	0.84	< 2	3.4	160	1.2	220	< 0.5	3.1	390.64
10/2/2014	7623667	8260	< 0.5	< 0.5	0.93	< 0.5	< 2	0.81	190	< 0.5	13	< 0.5	26	230.74
1/8/2015	7734026	8260	< 0.5	< 0.5	2	0.71	< 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	< 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	59	< 0.5	3.7	196.73
10/7/2015	8080775	SW8260C	< 0.5	< 0.5	1.7	0.58	< 2	1	170	0.81	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	< 2.5	< 2.5	2.7	76	0.58	86	< 2.5	8.8	175.18

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

B - The analyte is present in the associated method blank.
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 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	17	< 0.3	< 1.8	19.3
10/1/1992		8260	< 1.2	< 0.5	< 0.7	< 1.3	< 2.5	< 1	1.6	< 0.3	30	< 0.3	< 1.8	31.6
1/1/1993		8260	< 1.2	< 0.5	< 0.7	< 1.3	< 25	< 1	2.3	< 0.3	22	< 0.3	< 1.8	24.3
3/31/1993		8260	< 1.2	< 0.5	< 0.7	< 1.3	< 2.5	< 1	2.5	< 0.5	19	< 0.3	< 1.8	21.5
6/30/1993		8260	< 1.2	< 0.5	< 0.7	< 1.3	< 2.5	< 1	< 1	< 0.5	13	< 0.3	< 1.8	13
10/5/1993		8260	< 1.2	< 0.5	< 0.7	< 1.3	< 2.5	< 1	< 1	< 0.5	< 12	< 0.3	< 1.8	0
1/27/1994		8260	< 1.2	< 0.5	< 0.7	< 1.3	< 2.5	< 1	< 1	< 0.5	1.7	< 0.3	< 1.8	1.7
4/6/1994		8260	< 1.2	< 0.5	< 0.7	< 1.3	< 2.5	< 1	< 1	0.54	11	< 0.3	< 1.8	11.54
7/8/1994		8260	< 1.2	< 0.5	< 0.7	< 1.3	< 2.5	< 1	< 1	< 0.5	< 1.2	< 0.3	< 1.8	0
10/6/1994		8260	< 1.2	< 0.5	< 0.7	< 1.3	< 2.5	< 1	< 1	< 0.5	< 1.2	< 0.3	< 1.8	0
1/25/1995		8260	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	3	< 1	< 2	3
4/4/1995		8260	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 2	0
6/28/1995		8260	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 1	< 2	0
10/4/1995		8260	< 1.2	< 0.5	< 1	< 0.7	< 2.5	< 1	< 1	< 0.64	< 1.2	< 0.79	< 1.8	0
1/9/1996		8260	< 1.2	< 0.5	< 1	< 0.7	< 2.5	< 1	< 1	< 0.64	< 1.2	< 0.79	< 1.8	0
4/3/1996		8260	< 1.2	< 0.5	< 1	< 0.7	< 2.5	< 1	< 1	< 0.64	< 1.2	< 0.79	< 1.8	0
7/11/1996		8260	< 1.2	< 0.5	< 1	< 0.7	< 2.5	< 1	< 1	< 0.64	< 1.2	< 0.79	< 1.8	0
10/2/1996		8260	< 1.2	< 0.5	< 1	< 0.7	< 2.5	< 1	< 1	< 0.64	< 1.2	< 0.79	< 1.8	0
1/27/1997		8260	< 1.2	< 0.5	< 1	< 0.7	< 2.5	< 1	< 1	< 0.64	< 1.2	< 0.79	< 1.8	0
4/16/1997		8260	< 1.2	< 0.5	< 1	< 0.7	< 2.5	< 1	< 1	< 0.64	< 1.2	< 0.79	< 1.8	0
7/10/1997		8260	< 1.2	< 0.5	< 1	< 0.7	< 2.5	< 1	< 1	< 0.64	< 1.2	< 0.79	< 1.8	0
10/22/1997		8260	< 1.2	< 0.5	< 1	< 0.7	< 2.5	< 1	< 1	< 0.64	< 1.2	< 0.79	< 1.8	0
1/20/1998		8260	< 1.2	< 0.5	< 1	< 0.7	< 2.5	< 1	< 1	< 0.64	< 1.2	< 0.79	< 1.8	0
4/23/1998		8260	< 1.2	< 0.5	< 1	< 0.7	< 2.5	< 1	< 1	< 0.64	< 1.2	< 0.79	< 1.8	0
7/22/1998		8260	< 1.2	< 0.5	< 1	< 0.7	< 2.5	< 1	< 1	< 0.64	< 1.2	< 0.79	< 1.8	0
10/9/1998		8260	< 1.2	< 0.5	< 1	< 0.7	< 2.5	< 1	< 1	< 0.64	< 1.2	< 0.79	< 1.8	0
1/22/1999		8260	< 1.2	< 0.5	< 1	< 0.7	< 2.5	< 1	< 1	< 0.64	< 1.2	< 0.79	< 1.8	0
4/19/1999		8260	< 1.2	< 0.5	< 1	< 0.7	< 2.5	< 1	< 1	< 0.64	< 1.2	< 0.79	< 1.8	0
7/22/1999		8260	< 1.2	< 0.5	< 1	< 0.7	< 2.5	< 1	< 1	< 0.64	< 1.2	< 0.79	< 1.8	0
10/11/1999		8260	< 1.2	< 1	< 1	< 1	< 2.5	< 1	< 1	< 1	< 1.2	< 1	< 1.8	0
1/13/2000	A0026410	8021	< 1.2	< 1	< 1	< 1	< 2.5	< 1	< 1	< 1	< 1.2	< 1	< 1.8	0
4/26/2000	A0275209	8021	< 1.2	< 1	< 1	< 1	< 2.5	< 1	2	< 1	4.9	< 1	< 1.8	6.9
7/13/2000	A0492204	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:
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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
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	< 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	< 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	< 1	4.1	< 1	< 1.8	4.89
4/6/2005	A5317804	8260	< 1.2	< 1	< 1	< 1	< 2.5	< 1	0.63	< 1	3.4	< 1	< 1.8	4.03
7/12/2005	A5733203	8260/5M	< 1.2	< 1	< 1	< 1	< 2.5	< 1	0.97	< 1	3.5	< 1	< 1.8	4.47
10/5/2005	A5B10601	8260	< 1.2	< 1	< 1	< 1	< 2.5	< 1	< 1	< 1	1.5	< 1	< 1.8	1.5
1/23/2006	A6084702	8260	< 1.2	< 1	< 1	< 1	< 2.5	< 1	1.6	< 1	3.8	< 1	< 1.8	5.4
4/12/2006	6D13005-06	8260	< 1	< 1	< 1	< 1	< 2	< 1	1	< 1	3	< 1	< 2	4
7/19/2006	6G20004-06	8260	< 1	< 1	< 1	< 1	< 2	< 1	< 1	< 1	3	< 1	< 2	3
10/10/2006	6J11002-03	8260	< 1	< 1	< 1	< 1	< 2	< 1	1	< 1	2	< 1	< 2	3
1/8/2007	7A09003-02	8260	< 1	< 1	< 1	< 1	< 2	< 1	1	< 1	3	< 1	< 2	4
4/4/2007	7D05011-02	8260	< 1	< 1	< 1	< 1	3	< 1	1	< 1	3	< 1	< 2	7
7/11/2007	7G12003-03	8260	< 1	< 1	< 1	< 1	< 2	< 1	< 1	< 1	3	< 1	< 2	3
10/10/2007	7J11002-05	8260	< 1	< 1	< 1	< 1	< 2	< 1	< 1	< 1	1	< 1	< 2	1
1/8/2008	8A09005-05	8260	< 1	< 1	< 1	< 1	< 2	< 1	6	< 1	12	< 1	< 2	18
4/7/2008	8D08002-05	8260	< 1	< 1	< 1	< 1	< 2	< 1	1	< 1	4	< 1	< 2	5
7/28/2008	5426821	8260	< 1	< 0.8	< 1	< 0.8	< 2	< 0.8	< 0.8	< 0.8	1.2	< 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	< 0.8	< 1	4.3
1/13/2009	5576514	8260	< 1	< 0.8	< 1	< 0.8	< 2	< 0.8	1.1	< 0.8	4.2	< 0.8	< 1	5.3
4/13/2009	5647711	8260	< 1	< 0.8	< 1	< 0.8	< 2	< 0.8	0.99	< 0.8	3.2	< 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	< 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	< 0.8	< 1	2.3
1/21/2010	5889950	8260	< 1	< 0.8	< 1	< 0.8	< 2	< 0.8	0.95	< 0.8	2.6	< 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	< 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	< 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	< 0.8	6	< 0.8	< 1	8.3
4/13/2011	6258126	8260	< 1	< 0.8	< 1	< 0.8	< 2	< 0.8	1	< 0.8	2.9	< 0.8	< 1	3.9
7/19/2011	6350144	8260	< 1	< 0.8	< 1	< 0.8	< 2	< 0.8	1	< 0.8	3.5	< 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	< 0.8	< 1	1.5
1/17/2012	6524417	8260	< 1	< 0.8	< 1	< 0.8	< 2	< 0.8	2.2	< 0.8	4.7	< 0.8	< 1	6.9
4/3/2012	6605297	8260	< 1	< 0.8	< 1	< 0.8	< 2	< 0.8	1.3	< 0.8	3.1	< 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	< 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
1/23/2013	6932572	8260	< 1	< 0.8	< 1	< 0.8	< 2	< 0.8	2.7	< 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	< 0.8	5.2	< 0.8	< 1	7.3

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 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
7/16/2013	7129892	8260	< 1	< 0.8	< 1	< 0.8	< 2	< 0.8	1.9	< 0.8	3.7	< 0.8	< 1	5.6
11/13/2013	7276547	8260	< 1	< 0.8	< 1	< 0.8	< 2	< 0.8	3.4	< 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	< 0.8	4.4	< 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	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	< 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

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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-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	< 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	< 1	1.3	< 1	< 1.8	1.98

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

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

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

Well ID: B-26M

Date	Lab Sample ID	Method	Carbon tetrachloride (µg/L)	Chloroform (µg/L)	1,1-Dichloroethane (µg/L)	1,1-Dichloroethene (µg/L)	Methylene chloride (µg/L)	trans-1,2-Dichloroethene (µg/L)	cis-1,2-Dichloroethene (µg/L)	1,1,1-Trichloroethane (µg/L)	Trichloroethene (µg/L)	Tetrachloroethene (µg/L)	Vinyl chloride (µg/L)	Total
1/1/1989		8260	< 0.1	< 5	< 0.07	< 0.1	0.2	< 0.1	< 0.1	< 0.03	1.3	< 0.03	< 0.2	1.5
4/1/1989		8260	< 0.1	< 0.05	< 0.07	< 0.03	< 0.1	< 0.1	< 0.1	< 0.03	< 0.1	< 0.03	< 0.2	0
7/1/1989		8260	< 1.2	< 0.5	< 0.7	< 1.3	< 2.5	< 1	< 1	< 0.3	1.2	< 0.3	< 1.8	1.2
10/1/1989		8260	< 1	< 0.5	< 0.7	< 1	< 1	< 1	< 1	< 0.3	3.1	< 0.3	< 1	3.1
1/1/1990		8260	< 1	< 0.5	< 0.7	< 1	< 5	< 1	< 1	< 0.3	< 1	< 0.3	< 1	0
4/1/1990		8260	< 1	< 0.5	< 0.7	< 1	< 5	< 1	< 1	< 0.3	< 1	< 0.3	< 1	0
7/1/1990		8260	< 1	< 0.5	< 0.7	< 1	11	< 1	< 1	< 0.3	< 1	< 0.3	< 1	11
10/1/1990		8260	< 1	< 0.5	< 0.7	< 1	< 1	< 1	< 1	< 0.3	< 1	< 0.3	< 1	0
1/1/1991		8260	< 1	< 0.5	< 0.7	< 1	< 5	< 1	< 1	< 0.3	< 1	< 0.3	< 1	0
5/1/1991		8260	< 1.2	< 0.5	< 0.7	< 1.3	< 2.5	< 1	< 1	< 0.3	< 1.2	< 0.3	< 1.8	0
7/1/1991		8260	< 1.2	< 0.5	< 0.7	< 1.3	< 2.5	< 1	< 1	< 0.3	< 1.2	< 0.3	< 1.8	0
10/1/1991		8260	< 1.2	< 0.5	< 0.7	< 1.3	< 2.5	< 1	< 1	< 0.3	< 1.2	< 0.3	< 1.8	0
1/1/1992		8260	< 1.2	< 0.5	< 0.7	< 1.3	< 2.5	< 1	< 1	< 0.3	< 1.2	< 0.3	< 1.8	0
4/1/1992		8260	< 1.2	< 0.5	< 0.7	< 1.3	< 2.5	< 1	< 1	< 0.3	< 1.2	< 0.3	< 1.8	0
7/1/1992		8260	< 1.2	< 0.5	< 0.7	< 1.3	< 2.5	< 1	< 1	1.5	< 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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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-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

< - 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-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	<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	<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	<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
10/17/2001	A1A23303	8021	<1.2	<1	<1	<1	<2.5	<1	<1	<1	<1.2	<1	<1.8	0

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

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

Well ID: B-28M

Date	Lab Sample ID	Method	Carbon tetrachloride (µg/L)	Chloroform (µg/L)	1,1-Dichloroethane (µg/L)	1,1-Dichloroethene (µg/L)	Methylene chloride (µg/L)	trans-1,2-Dichloroethene (µg/L)	cis-1,2-Dichloroethene (µg/L)	1,1,1-Trichloroethane (µg/L)	Trichloroethene (µg/L)	Tetrachloroethene (µg/L)	Vinyl chloride (µg/L)	Total
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	< 1	< 1.8	0.25
7/10/2002	A2708304	8021	< 1.2	< 1	< 1	< 1	< 2.5	< 1	< 1	< 1	< 1.2	< 1	< 1.8	0
10/3/2002	A2980610	8021	< 1.2	< 1	< 1	< 1	< 2.5	< 1	< 1	< 1	< 1.2	< 1	< 1.8	0
1/16/2003	A3056002	8021	< 1.2	< 1	< 1	< 1	< 2.5	< 1	< 1	< 1	< 1.2	< 1	< 1.8	0
4/8/2003	A3329701	8021	< 1.2	< 1	< 1	< 1	< 2.5	< 1	< 1	< 1	< 1.2	< 1	< 1.8	0
7/3/2003	A3639703	8021	< 1.2	< 1	< 1	< 1	< 2.5	< 1	< 1	< 1	< 1.2	< 1	< 1.8	0
10/8/2003	A3978809	8021	< 1.2	< 1	< 1	< 1	< 2.5	< 1	< 1	< 1	< 1.2	< 1	< 1.8	0
1/8/2004	A4026304	8021	< 1.2	< 1	< 1	< 1	< 2.5	< 1	< 1	< 1	< 1.2	< 1	< 1.8	0
6/30/2004	A4619406	8021	< 1.2	< 1	< 1	< 1	< 2.5	< 1	< 1	< 1	< 1.2	< 1	< 1.8	0
4/5/2005	A5317606	8260	< 1.2	< 1	< 1	< 1	< 2.5	< 1	< 1	< 1	< 1.2	< 1	< 1.8	0
7/11/2005	A5724501	8260/5M	< 1.2	< 1	< 1	< 1	< 2.5	< 1	< 1	< 1	< 1.2	< 1	< 1.8	0
10/21/2005	A5B92302	8260	< 1.2	< 1	< 1	< 1	< 2.5	< 1	< 1	< 1	< 1.2	< 1	< 1.8	0
1/24/2006	A6089103	8260	< 1.2	< 1	< 1	< 1	< 2.5	< 1	< 1	< 1	< 1.2	< 1	< 1.8	0
4/13/2006	6D14002-02	8260	< 1	< 1	< 1	< 1	< 2	< 1	< 1	< 1	< 1	< 1	< 2	0
7/17/2006	6G18004-06	8260	< 1	< 1	< 1	< 1	4	< 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
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

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

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

Well ID: B-28M

Date	Lab Sample ID	Method	Carbon tetrachloride (µg/L)	Chloroform (µg/L)	1,1-Dichloroethane (µg/L)	1,1-Dichloroethene (µg/L)	Methylene chloride (µg/L)	trans-1,2-Dichloroethene (µg/L)	cis-1,2-Dichloroethene (µg/L)	1,1,1-Trichloroethane (µg/L)	Trichloroethene (µg/L)	Tetrachloroethene (µg/L)	Vinyl chloride (µg/L)	Total	
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	< 0.5	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	< 0.5	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	< 0.5	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	< 0.5	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	< 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	< 1.0	0

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

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

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

Well ID: B-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	<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	51
7/29/1999		8260	<1.2	<0.5	<1	<0.7	<2.5	<1	27	<0.64	<1.2	<0.79	2.3	29.3
10/11/1999		8260	<1.2	<1	<1	<1	<2.5	<1	26	<1	<1.2	<1	1.3	27.3
1/10/2000	A0018404	8021	<1.2	<1	<1	<1	<2.5	<1	27	<1	<1.2	<1	1.7	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	14.64
10/25/2000	A0767905	8021	<1.2	<1	<1	<1	<2.5	<1	12	<1	1.1	<1	0.61	13.71
1/16/2001	A1043901	8021	<1.2	<1	<1	<1	<2.5	<1	16	<1	0.29	<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
7/16/2001	A1674114	8021	<1.2	<1	<1	<1	<2.5	<1	21	<1	1	<1	1.1	23.1

< - 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-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
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	< 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	< 1	0.77	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	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	< 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	< 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	< 1	1.4	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	< 0.8	1.8	23.8
7/14/2009	5723624	8260	< 1	< 0.8	< 1	< 0.8	< 2	< 0.8	17	< 0.8	1.7	< 0.8	2.6	21.3
7/13/2010	6031620	8260	< 1	< 0.8	< 1	< 0.8	< 2	< 0.8	6.6	< 0.8	< 1	< 0.8	1	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	< 0.8	1.7	18.6
7/16/2013	7129890	8260	< 1	< 0.8	< 1	< 0.8	< 2	< 0.8	0.93	< 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	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

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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	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	<1	<1.8	7.53
1/10/2000	A0018402	8021	<1.2	<1	<1	<1	<2.5	<1	5.4	<1	0.54	<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	6.61
10/20/2000	A0754603	8021	<1.2	<1	<1	<1	<2.5	<1	8.6	<1	1.8	<1	0.32	10.72
1/15/2001	A1041302	8021	<1.2	<1	<1	<1	<2.5	<1	4.6	<1	1	<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
7/16/2001	A1674102	8021	<1.2	<1	<1	<1	<2.5	<1	7.1	<1	0.56	<1	0.57	8.23

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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
10/10/2001	A1994706	8021	< 1.2	< 1	< 1	< 1	< 2.5	< 1	7.3	< 1	< 1.2	< 1	0.48	7.78
1/17/2002	A2058501	8021	< 1.2	< 1	< 1	< 1	< 2.5	0.2	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	< 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	11.99
1/14/2003	A3043004	8021	< 1.2	0.78	< 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	< 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	< 0.8	1.1	< 0.8	< 1	4.2
7/14/2009	5723632	8260	< 1	< 0.8	< 1	< 0.8	< 2	< 0.8	8.5	< 0.8	4	< 0.8	< 1	12.5
7/13/2010	6031618	8260	< 1	< 0.8	< 1	< 0.8	< 2	< 0.8	3	< 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	< 0.8	< 1	< 0.8	< 1	3.3
7/9/2013	7122566	8260	< 1	< 0.8	< 1	< 0.8	< 2	< 0.8	3.4	< 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	< 0.5	< 0.5	4.28

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

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

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

Well ID: B-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	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	15.84
1/13/2000	A0026412	8021	< 1.2	< 1	< 1	< 1	< 2.5	1.4	52	< 1	0.37	< 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	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	0.23	< 2.5	1.8	47	< 1	0.67	< 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	38	< 1	< 1.2	< 1	9.3	47.91
10/19/2001	A1A28802	8021	< 1.2	< 1	< 1	< 1	< 2.5	0.81	56	< 1	0.6	< 1	9.4	66.81
1/14/2002	A2039403	8021	< 1.2	< 1	< 1	< 1	0.54	0.56	28	< 1	1.1	< 1	3.9	34.1
4/8/2002	A2332603	8260	< 1.2	< 1	< 1	< 1	< 2.5	0.71	57	< 1	0.68	< 1	4.8	63.19
4/16/2002	A2369801	8021	< 1.2	< 1	0.34	0.27	< 2.5	< 1	62	< 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	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	42	< 1	0.51	< 1	2.8	46.05
10/21/2003	A3A22001	8021	< 1.2	< 1	< 1	< 1	< 2.5	0.91	61	< 1	< 1.2	< 1	8.6	70.51

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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-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
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	< 1	< 1.2	< 1	2.5	41.5
7/20/2004	A4682903	8260	< 1.2	< 1	< 1	< 1	2.2	0.76	31	< 1	0.83	< 1	< 1.8	34.79
10/20/2004	A4A32101	8021	< 1	31	< 1	< 1	< 1	0.52	< 1	< 1	0.67	< 1	4.3	36.49
1/13/2005	A5036405	8260	< 1.2	< 1	0.81	0.61	< 2.5	1.3	69	< 1	17	< 1	3.4	92.12
4/19/2005	A5387302	8260	< 1.2	< 1	0.45	0.48	< 2.5	0.4	34	< 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	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	26	< 0.8	< 1	< 0.8	11	37.82
7/19/2011	6350148	8260	< 1	< 0.8	1	< 0.8	< 2	1.4	54	< 0.8	15	< 0.8	4.7	76.1
1/19/2012	6527709	8260	< 1	< 0.8	1.1	< 0.8	< 2	1.1	54	< 0.8	28	< 0.8	1.2	85.4
4/3/2012	6605293	8260	< 1	< 0.8	1.4	< 0.8	< 2	1.9	61	< 0.8	34	< 0.8	1.1	99.4
7/12/2012	6719401	8260	< 1	< 0.8	< 1	< 0.8	< 2	1	23	< 0.8	1.5	< 0.8	9.8	35.3
7/15/2013	7128195	8260	< 1	< 0.8	1.1	< 0.8	< 2	1.4	43	< 0.8	31	< 0.8	4.5	81
7/14/2014	7532404	8260	< 0.5	< 0.5	0.7	0.69	< 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	< 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	0.9	21	< 1.0	2.2	< 1.0	10	34.1
4/28/2017	240-78929-1	8260C	< 1.0	< 1.0	0.83	0.69	< 1.0	0.92	42	< 1.0	21	< 1.0	1.9	67.34

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

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

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

Well ID: B-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	< 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

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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-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	1.8	64000	< 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	< 1	4900	< 1	< 1.8	6820.7

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

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

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

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

Well ID: B-38M

Date	Lab Sample ID	Method	Carbon tetrachloride (µg/L)	Chloroform (µg/L)	1,1-Dichloroethane (µg/L)	1,1-Dichloroethene (µg/L)	Methylene chloride (µg/L)	trans-1,2-Dichloroethene (µg/L)	cis-1,2-Dichloroethene (µg/L)	1,1,1-Trichloroethane (µg/L)	Trichloroethene (µg/L)	Tetrachloroethene (µg/L)	Vinyl chloride (µg/L)	Total
1/26/1994		8260	< 1.2	< 0.5	< 0.7	< 1.3	< 2.5	< 1	260	< 0.5	18	< 0.3	< 1.8	278
4/7/1994		8260	< 1.2	< 0.5	< 0.7	< 1.3	< 2.5	2.3	140	< 0.5	27	< 0.3	12	181.3
7/6/1994		8260	< 1.2	< 0.5	1.1	< 1.3	< 2.5	3.5	160	< 0.5	20	< 0.3	7.4	192
10/6/1994		8260	< 1.2	< 0.5	1.5	2.5	< 2.5	4.1	220	< 0.5	16	< 0.3	4.9	249
1/26/1995		8260	< 1	< 1	< 1	< 1	< 1	1.1	110	< 1	11	< 1	< 2	122.1
4/4/1995		8260	< 1	< 1	< 1	< 1	< 1	1	96	< 1	7	< 1	< 2	104
6/28/1995		8260	< 1	< 1	< 1	< 1	< 1	1.5	100	< 1	6.8	< 1	< 2	108.3
10/4/1995		8260	< 1.2	< 0.5	< 1	< 0.7	< 2.5	2.7	160	< 0.64	13	3	< 1.8	178.7
1/10/1996		8260	< 1.2	< 0.5	< 1	< 0.7	< 2.5	1	98	< 0.64	6.1	< 0.79	< 1.8	105.1
4/10/1996		8260	< 1.2	< 0.5	< 1	< 0.7	< 2.5	2	142	< 0.64	7.7	< 0.79	< 1.8	151.7
7/17/1996		8260	< 12	< 5	< 10	< 7	< 25	< 10	110	< 6.4	< 12	< 7.9	< 18	110
10/2/1996		8260	< 1.2	< 0.5	< 1	< 0.7	< 2.5	1.7	130	< 0.64	5.8	< 0.79	< 1.8	137.5
1/29/1997		8260	< 12	< 5	< 10	< 7	< 25	< 10	120	< 6.4	< 12	< 7.9	< 18	120
4/16/1997		8260	< 1.2	1	< 1	< 0.7	< 2.5	2	100	< 0.64	3.9	< 0.79	< 1.8	106.9
7/15/1997		8260	< 1.2	0.7	< 1	< 0.7	< 2.5	1.4	140	< 0.64	5.3	< 0.79	< 1.8	147.4
10/24/1997		8260	< 1.2	< 0.5	< 1	< 0.7	< 2.5	< 1	51	5.8	3.8	< 0.79	< 1.8	60.6
1/21/1998		8260	< 1.2	< 0.5	< 1	< 0.7	< 2.5	< 1	110	< 0.64	2.5	< 0.79	< 1.8	112.5
4/24/1998		8260	< 1.2	< 0.5	< 1	< 0.7	< 2.5	1.3	89	< 0.64	2.5	< 0.79	< 1.8	92.8
7/23/1998		8260	< 1.2	< 0.5	< 1	< 0.7	< 2.5	< 1	65	< 0.64	1.9	< 0.79	< 1.8	66.9
10/12/1998		8260	< 1.2	< 0.5	< 1	< 0.7	< 2.5	< 1	79	< 0.64	3	< 0.79	< 1.8	82
1/26/1999		8260	< 1.2	< 0.5	< 1	< 0.7	< 2.5	1.3	130	< 0.64	3.7	< 0.79	< 1.8	135
4/20/1999		8260	< 1.2	< 0.5	< 1	< 0.7	< 2.5	1	100	< 0.64	4.8	< 0.79	3.2	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	53	< 1	2.2	< 1	0.39	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	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	< 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	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	49
1/21/2002	A2066004	8021	< 1.2	< 1	< 1	< 1	< 2.5	0.51	48	< 1	3.2	< 1	< 1.8	51.71
4/16/2002	A2370103	8021	< 1.2	< 1	0.49	0.26	< 2.5	0.96	81	< 1	3.7	< 1	3.4	89.81
7/11/2002	A2708313	8021	< 1.2	< 1	0.42	< 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	80	< 1	7.8	< 1	1.4	89.74
4/8/2003	A3329506	8021	< 1.2	< 1	< 1	< 1	3.4	< 1	51	< 1	3.9	< 1	1.1	59.4
7/8/2003	A3649102	8021	< 1.2	< 1	< 1	< 1	2	< 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	< 1	1.3	140	< 1	21	< 1	0.85	164.92
1/20/2005	A5057701	8260	< 1.2	< 1	0.82	< 1	1.1	0.91	74	< 1	19	< 1	< 1.8	95.83
4/5/2005	A5317801	8260	< 1.2	< 1	1	0.63	< 2.5	1.6	73	< 1	31	< 1	1.8	109.03

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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
7/11/2005	A5724702	8260/5M	< 1.2	< 1	0.81	0.71	< 2.5	1.3	73	< 1	24	< 1	< 1.8	99.82
10/21/2005	A5B92601	8260	< 1.2	< 1	0.84	0.74	< 2.5	1	78	< 1	27	< 1	1.8	109.38
1/24/2006	A6089104	8260	< 1.2	< 1	1.2	0.72	< 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	< 1	39	< 1	12	< 1	< 2	53
7/25/2008	5426024	8260	< 1	< 0.8	< 1	< 0.8	< 2	0.88	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	74.4
4/20/2009	5651169	8260	< 1	< 0.8	< 1	< 0.8	< 2	1	64	< 0.8	23	< 0.8	2	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	59	< 0.8	24	< 0.8	< 1	83.99
4/7/2010	5948418	8260	< 1	< 0.8	< 1	< 0.8	< 2	0.93	41	< 0.8	19	< 0.8	< 1	60.93
7/15/2010	6033917	8260	< 1	< 0.8	< 1	< 0.8	< 2	1.1	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	68
4/14/2011	6259036	8260	< 1	< 0.8	< 1	< 0.8	< 2	0.95	47	< 0.8	20	< 0.8	< 1	67.95
7/25/2011	6355559	8260	< 1	< 0.8	1.1	< 0.8	< 2	1.1	51	< 0.8	28	< 0.8	2	83.2
10/10/2011	6433657	8260	< 1	< 0.8	< 1	0.91	< 2	1.1	53	< 0.8	39	< 0.8	2.4	96.41
1/19/2012	6527710	8260	< 1	< 0.8	< 1	< 0.8	< 2	0.92	44	< 0.8	21	< 0.8	1.1	67.02
4/4/2012	6607028	8260	< 1	< 0.8	1.2	< 0.8	< 2	1.4	56	< 0.8	40	< 0.8	< 1	98.6
7/19/2012	6728256	8260	< 1	< 0.8	< 1	< 0.8	< 2	0.83	45	< 0.8	39	< 0.8	1.1	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	48	< 0.8	24	< 0.8	< 1	73.1
4/9/2013	7016204	8260	< 1	< 0.8	1.4	< 0.8	< 2	1.4	59	< 0.8	44	< 0.8	< 1	105.8
7/11/2013	7125532	8260	< 1	< 0.8	1.6	0.94	< 2	1.4	60	< 0.8	52	< 0.8	1.9	117.84
11/14/2013	7278193	8260	< 1	< 0.8	1.2	0.9	< 2	< 0.8	60	< 0.8	51	< 0.8	1.9	115
1/20/2014	7342594	8260	< 1	< 0.8	< 1	< 0.8	< 2	1.2	50	< 0.8	43	< 0.8	1.3	95.5
4/14/2014	7430447	8260	< 0.5	< 0.5	0.92	0.83	< 2	1.4	55	< 0.5	59	< 0.5	1.5	118.65
7/14/2014	7532403	8260	< 0.5	< 0.5	0.7	0.62	< 2	1.1	46	< 0.5	40	< 0.5	1.2	89.62
10/2/2014	7623660	8260	< 0.5	< 0.5	0.62	0.6	< 2	1	44	< 0.5	41	< 0.5	0.71	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	0.81	< 2	0.95	43	< 0.5	31	< 0.5	2.4	78.69
7/13/2015	7965573	SW8260C	< 0.5	< 0.5	0.66	< 0.5	< 2	0.93	41	< 0.5	31	< 0.5	< 0.5	73.59
10/6/2015	8079117	SW8260C	< 0.5	< 0.5	0.55	0.53	< 2	0.9	41	< 0.5	38	< 0.5	< 0.5	80.98
1/6/2016	8197850	SW8260C	< 0.5	< 0.5	0.54	0.65	< 2	0.67	44	< 0.5	27	< 0.5	0.86	73.72
12/6/2016	240-73125-8	8260C	< 1.4	< 1.4	0.43	0.55	< 1.4	0.45	36	< 1.4	14	< 1.4	2.5	53.93
4/27/2017	240-78855-9	8260C	< 1.0	< 1.0	0.55	0.73	< 1.0	0.64	35	< 1.0	21	< 1.0	2.9	60.82

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 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	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	< 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	< 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	< 1	2	< 1	< 1.8	2.31
10/8/2002	A2999101	8021	< 1.2	< 1	< 1	< 1	< 2.5	< 1	0.27	< 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	< 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	< 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	< 1	< 1.8	141.9
4/26/2005	A5414401	8260	< 1.2	< 1	< 1	< 1	< 2.5	< 1	0.8	< 1	4.3	< 1	< 1.8	5.1
7/26/2005	A5791601	8260/5M	< 1.2	< 1	< 1	< 1	< 2.5	< 1	3.3	< 1	8.5	< 1	< 1.8	11.8
10/21/2005	A5B92802	8260	< 1.2	< 1	< 1	< 1	< 2.5	< 1	2	< 1	4.8	< 1	< 1.8	6.8
1/26/2006	A6102406	8260	< 1.2	< 1	< 1	< 1	< 2.5	< 1	2	< 1	7	< 1	< 1.8	9
4/20/2006	6D21003-03	8260	< 1	< 1	< 1	< 1	< 2	< 1	2	< 1	7	< 1	< 2	9
7/18/2006	6G19003-03	8260	< 1	< 1	< 1	< 1	4	< 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	< 1	< 1	< 1	3	< 1	< 2	8
7/24/2008	5424626	8260	< 1	< 0.8	< 1	< 0.8	< 2	< 0.8	0.9	< 0.8	4.1	< 0.8	< 1	5
10/16/2008	5501559	8260	< 1	< 0.8	< 1	< 0.8	< 2	< 0.8	0.87	< 0.8	3	< 0.8	< 1	3.87
1/21/2009	5582425	8260	< 1	< 0.8	< 1	< 0.8	< 2	< 0.8	0.86	< 0.8	2.5	< 0.8	< 1	3.36
4/16/2009	5649168	8260	< 1	< 0.8	< 1	< 0.8	< 2	< 0.8	1.7	< 0.8	4.1	< 0.8	< 1	5.8
7/7/2009	5718467	8260	< 1	< 0.8	< 1	< 0.8	< 2	< 0.8	1.4	< 0.8	3	< 0.8	< 1	4.4
10/7/2009	5800391	8260	< 1	< 0.8	< 1	< 0.8	< 2	< 0.8	1	< 0.8	2	< 0.8	< 1	3
1/25/2010	5892341	8260	< 1	< 0.8	< 1	< 0.8	< 2	< 0.8	2.4	< 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	< 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	< 0.8	4.4	< 0.8	< 1	6.3
10/18/2010	6115531	8260	< 1	< 0.8	< 1	< 0.8	< 2	< 0.8	1.7	< 0.8	3.8	< 0.8	< 1	5.5
1/24/2011	6190817	8260	< 1	< 0.8	< 1	< 0.8	< 2	< 0.8	1.3	< 0.8	3.6	< 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	< 0.8	< 1	1.8
7/20/2011	6352281	8260	< 1	< 0.8	< 1	< 0.8	< 2	< 0.8	0.88	< 0.8	2.2	< 0.8	< 1	3.08

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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-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
10/11/2011	6434696	8260	<1	<0.8	<1	<0.8	<2	<0.8	0.94	<0.8	2.2	<0.8	<1	3.14
1/25/2012	6532443	8260	<1	<0.8	<1	<0.8	<2	<0.8	1.1	<0.8	4.8	<0.8	<1	5.9
4/5/2012	6608278	8260	<1	<0.8	<1	<0.8	<2	<0.8	3.2	<0.8	10	<0.8	<1	13.2
7/11/2012	6717363	8260	<1	<0.8	<1	<0.8	<2	<0.8	2.8	<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	<0.8	8.7	<0.8	<1	13.5
1/24/2013	6934228	8260	<1	<0.8	<1	<0.8	<2	<0.8	2	<0.8	10	<0.8	<1	12
4/2/2013	7007573	8260	<1	<0.8	<1	<0.8	<2	<0.8	1.8	<0.8	8	<0.8	<1	9.8
7/2/2013	7117041	8260	<1	<0.8	<1	<0.8	<2	<0.8	1.8	<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	<0.8	5.3	<0.8	<1	7
1/17/2014	7341379	8260	<1	<0.8	<1	<0.8	<2	<0.8	1.6	<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	<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	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

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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-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	< 1	< 1	< 2.5	1.3	6.4	< 1	4.1	< 1	1.4	13.73
7/17/2000	A0500408	8021	< 1.2	< 1	< 1	< 1	< 2.5	0.43	4	< 1	< 1.2	< 1	0.41	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	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	3.2	< 1	< 1.2	< 1	0.28	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	6.5
4/12/2002	A2351801	8021	< 1.2	< 1	< 1	< 1	< 2.5	0.6	6	< 1	< 1.2	< 1	0.87	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	6.9	< 1	0.58	< 1	1	9.18
1/20/2003	A3060804	8021	< 1.2	< 1	< 1	< 1	< 2.5	0.43	4.5	< 1	0.29	< 1	0.75	5.97
4/25/2003	A3389401	8021	< 1.2	< 1	< 1	< 1	< 2.5	0.48	4.4	< 1	< 1.2	< 1	0.58	5.46
7/17/2003	A3683703	8021	< 1.2	< 1	< 1	< 1	< 2.5	0.38	3.8	< 1	< 1.2	< 1	0.22	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	< 1	< 1.2	< 1	< 1.8	3
7/16/2004	A4674201	8260	< 1.2	< 1	< 1	< 1	< 2.5	0.58	2.9	< 1	< 1.2	< 1	< 1.8	3.48
10/12/2004	A4A09702	8021	< 1	< 1	< 1	< 1	< 1	0.53	6.1	< 1	< 1	< 1	< 1	6.63
1/12/2005	A5036203	8260	< 1.2	< 1	< 1	< 1	< 2.5	0.62	4.8	< 1	0.38	< 1	< 1.8	5.8
4/26/2005	A5414301	8260	< 1.2	< 1	< 1	< 1	< 2.5	0.6	4.3	< 1	0.3	< 1	< 1.8	5.2
7/26/2005	A5791602	8260/5M	< 1.2	< 1	< 1	< 1	< 2.5	< 1	2.1	< 1	< 1.2	< 1	< 1.8	2.1
10/21/2005	A5B92602	8260	< 1.2	< 1	< 1	< 1	< 2.5	0.73	4.8	< 1	0.91	< 1	< 1.8	6.44
1/27/2006	A6102501	8260	< 1.2	< 1	< 1	< 1	< 2.5	0.64	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	< 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	< 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	< 1	4	< 1	3	< 1	< 2	11
7/23/2008	5423261	8260	< 1	< 0.8	< 1	< 0.8	< 2	< 0.8	3.1	< 0.8	1.6	< 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	< 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	< 0.8	< 1	8.8
4/16/2009	5649167	8260	< 1	< 0.8	< 1	< 0.8	< 2	< 0.8	3.9	< 0.8	2.5	< 0.8	< 1	6.4
7/7/2009	5718466	8260	< 1	< 0.8	< 1	< 0.8	< 2	< 0.8	2.7	< 0.8	1.7	< 0.8	< 1	4.4
10/7/2009	5800392	8260	< 1	< 0.8	< 1	< 0.8	< 2	< 0.8	2.8	< 0.8	1.6	< 0.8	< 1	4.4
1/25/2010	5892342	8260	< 1	< 0.8	< 1	< 0.8	< 2	< 0.8	4.1	< 0.8	2.6	< 0.8	< 1	6.7
4/15/2010	5955536	8260	< 1	< 0.8	< 1	< 0.8	< 2	< 0.8	3.9	< 0.8	2.7	< 0.8	< 1	6.6
7/19/2010	6036148	8260	< 1	< 0.8	< 1	< 0.8	< 2	< 0.8	3.7	< 0.8	2.5	< 0.8	< 1	6.2
10/18/2010	6115534	8260	< 1	< 0.8	< 1	< 0.8	< 2	< 0.8	4.4	< 0.8	2	< 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	< 0.8	< 1	10.8
4/20/2011	6264714	8260	< 1	< 0.8	< 1	< 0.8	< 2	< 0.8	2.8	< 0.8	1.7	< 0.8	< 1	4.5
7/20/2011	6352282	8260	< 1	< 0.8	< 1	< 0.8	< 2	< 0.8	3.4	< 0.8	2	< 0.8	< 1	5.4

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

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
10/11/2011	6434699	8260	<1	<0.8	<1	<0.8	<2	0.91	4.7	<0.8	2.1	<0.8	<1	7.71
1/18/2012	6526477	8260	<1	<0.8	<1	<0.8	<2	<0.8	4.2	<0.8	1.8	<0.8	<1	6
4/5/2012	6608277	8260	<1	<0.8	<1	<0.8	<2	<0.8	3.8	<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	<0.8	2.1	<0.8	<1	4.7
10/4/2012	6814370	8260	<1	<0.8	<1	<0.8	<2	<0.8	3.6	<0.8	2.4	<0.8	<1	6
1/24/2013	6934227	8260	<1	<0.8	<1	<0.8	<2	<0.8	3.3	<0.8	2.2	<0.8	<1	5.5
4/2/2013	7007574	8260	<1	<0.8	<1	<0.8	<2	<0.8	2.6	<0.8	1.6	<0.8	<1	4.2
7/2/2013	7117040	8260	<1	<0.8	<1	<0.8	<2	<0.8	2.6	<0.8	2.6	<0.8	<1	5.2
11/11/2013	7273092	8260	<1	<0.8	<1	<0.8	<2	<0.8	4.8	<0.8	4.5	<0.8	<1	9.3
1/17/2014	7341381	8260	<1	<0.8	<1	<0.8	<2	<0.8	3.4	<0.8	3.2	<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	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	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	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	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	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	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	4.9	<1.0	5	<1.0	<1.0	10.58

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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	4.6	< 1	< 1.8	9
10/18/2000	A0751306	8021	< 1.2	< 1	< 1	< 1	< 2.5	0.5	2.1	< 1	0.93	< 1	< 1.8	3.53
1/12/2001	A1035108	8021	< 1.2	< 1	< 1	< 1	< 2.5	1.3	3.1	< 1	0.37	< 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	1.6	< 1	0.38	< 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	< 1	< 1.8	2.8
7/15/2002	A2723101	8021	< 1.2	< 1	< 1	< 1	< 2.5	< 1	1.2	< 1	0.47	< 1	< 1.8	1.67
10/8/2002	A2999207	8021	< 1.2	< 1	< 1	< 1	< 2.5	0.38	1.4	< 1	0.84	< 1	< 1.8	2.62
1/21/2003	A3069004	8021	< 1.2	< 1	< 1	< 1	< 2.5	0.44	1.5	< 1	0.81	< 1	< 1.8	2.75
4/28/2003	A3399801	8021	< 1.2	< 1	< 1	< 1	< 2.5	0.57	2.3	< 1	< 1.2	< 1	< 1.8	2.87
7/17/2003	A3683705	8021	< 1.2	< 1	< 1	< 1	< 2.5	0.52	2.3	< 1	0.65	< 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	2.6	< 1	< 1.2	< 1	< 1.8	3.7
7/16/2004	A4674202	8260	< 1.2	< 1	< 1	< 1	< 2.5	0.9	2.3	< 1	0.3	< 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	2	< 1	0.38	< 1	< 1.8	3.13
4/26/2005	A5414302	8260	< 1.2	< 1	< 1	< 1	< 2.5	1.3	3.8	< 1	< 1.2	< 1	< 1.8	5.1
7/26/2005	A5791603	8260/5M	< 1.2	< 1	< 1	< 1	< 2.5	1.2	2.9	< 1	< 1.2	< 1	< 1.8	4.1
10/21/2005	A5B92603	8260	< 1.2	< 1	< 1	< 1	< 2.5	1	4.3	< 1	< 1.2	< 1	0.99	6.29
1/27/2006	A6102502	8260	< 1.2	< 1	< 1	< 1	< 2.5	0.62	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	< 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	< 1	5	< 1	< 1	< 1	< 2	9
7/16/2008	5417443	8260	< 1	< 0.8	< 1	< 0.8	< 2	< 0.8	2.5	< 0.8	< 1	< 0.8	< 1	2.5
10/16/2008	5501557	8260	< 1	< 0.8	< 1	< 0.8	< 2	< 0.8	4.6	< 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	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	8.2
7/7/2009	5718464	8260	< 1	< 0.8	< 1	< 0.8	< 2	< 0.8	4.3	< 0.8	< 1	< 0.8	< 1	4.3
10/7/2009	5800393	8260	< 1	< 0.8	< 1	< 0.8	< 2	< 0.8	3.3	< 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	7.8
7/19/2010	6036149	8260	< 1	< 0.8	< 1	< 0.8	< 2	< 0.8	4.1	< 0.8	< 1	< 0.8	< 1	4.1
10/18/2010	6115535	8260	< 1	< 0.8	< 1	< 0.8	< 2	< 0.8	3.1	< 0.8	< 1	< 0.8	< 1	3.1
1/24/2011	6190821	8260	< 1	< 0.8	< 1	< 0.8	< 2	< 0.8	3.8	< 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	10.3
7/20/2011	6352283	8260	< 1	< 0.8	< 1	< 0.8	< 2	< 0.8	4.9	< 0.8	< 1	< 0.8	< 1	4.9

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

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

Well ID: B-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
10/11/2011	6434700	8260	<1	<0.8	<1	<0.8	<2	<0.8	4.4	<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	<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	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	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	64.5
4/21/2015	7856503	8260	<0.5	<0.5	<0.5	<0.5	<2	<0.5	8.2	<0.5	0.98	<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	<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

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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-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	2.1	91	< 1	58	< 1	< 1.8	152.5
1/12/2000	A0026403	8021	< 1.2	< 1	< 1	< 1	0.57	0.88	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	< 1	99	< 1	54	< 1	4.5	158.8
1/12/2001	A1035114	8021	< 1.2	< 1	< 1	< 1	2.1	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	< 1.1	< 1.8	419
7/11/2001	A1648704	8021	< 1.2	< 1	0.27	< 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	12	< 1	3	< 1	< 1.8	15.4
11/12/2001	A1B23801	8021	< 1.2	< 1	< 1	< 1	< 2.5	0.56	8	< 1	4	< 1	< 1.8	12.56
1/24/2002	A2076710	8021	< 1.2	< 1	< 1	< 1	< 2.5	0.5	8.2	< 1	4.8	< 1	0.44	13.94
4/18/2002	A2378803	8021	< 1.2	< 1	< 1	< 1	< 2.5	0.43	4.2	< 1	4.1	< 1	< 1.8	8.73
7/16/2002	A2722908	8021	< 1.2	< 1	< 1	< 1	< 2.5	0.6	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	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	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	2.6	< 1	2.6	< 1	< 1.8	5.54
4/26/2005	A5414403	8260	< 1.2	< 1	< 1	< 1	< 2.5	0.43	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	< 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	< 1	6	< 1	3	< 1	< 2	11
7/23/2008	5423257	8260	< 1	< 0.8	< 1	< 0.8	< 2	0.81	6.8	< 0.8	2.4	< 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	< 0.8	< 1	11.8
4/15/2009	5647725	8260	< 1	< 0.8	< 1	< 0.8	< 2	1.3	11	< 0.8	3.7	< 0.8	< 1	16
7/7/2009	5718476	8260	< 1	< 0.8	< 1	< 0.8	< 2	0.98	7.8	< 0.8	2.7	< 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	< 0.8	< 1	9.4
1/20/2010	5888920	8260	< 1	< 0.8	< 1	< 0.8	< 2	0.81	8.3	< 0.8	2.6	< 0.8	< 1	11.71
4/13/2010	5953085	8260	< 1	< 0.8	< 1	< 0.8	< 2	1.6	14	< 0.8	3.7	< 0.8	< 1	19.3
7/14/2010	6032685	8260	< 1	< 0.8	< 1	< 0.8	< 2	1	9.1	< 0.8	2.6	< 0.8	< 1	12.7
10/14/2010	6113373	8260	< 1	< 0.8	< 1	< 0.8	< 2	< 0.8	6.9	< 0.8	2	< 0.8	< 1	8.9
1/25/2011	6191892	8260	< 1	< 0.8	< 1	< 0.8	< 2	1.1	10	< 0.8	2.7	< 0.8	< 1	13.8

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

Well ID: B-42M

Date	Lab Sample ID	Method	Carbon tetrachloride (µg/L)	Chloroform (µg/L)	1,1-Dichloroethane (µg/L)	1,1-Dichloroethene (µg/L)	Methylene chloride (µg/L)	trans-1,2-Dichloroethene (µg/L)	cis-1,2-Dichloroethene (µg/L)	1,1,1-Trichloroethane (µg/L)	Trichloroethene (µg/L)	Tetrachloroethene (µg/L)	Vinyl chloride (µg/L)	Total
4/19/2011	6263086	8260	<1	<0.8	<1	<0.8	<2	1.2	10	<0.8	3.8	<0.8	<1	15
7/13/2011	6343977	8260	<1	<0.8	<1	<0.8	<2	<0.8	6.9	<0.8	2.6	<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	<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	<0.8	<1	7.8
4/9/2012	6610605	8260	<1	<0.8	<1	<0.8	<2	1.7	16	<0.8	13	<0.8	1.2	31.9
7/18/2012	6726433	8260	<1	<0.8	<1	<0.8	<2	0.9	8.3	<0.8	3.1	<0.8	<1	12.3
10/2/2012	6810726	8260	<1	<0.8	<1	<0.8	<2	0.83	6.5	<0.8	2.3	<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	<0.8	<1	9.5
4/4/2013	7011181	8260	<1	<0.8	<1	<0.8	<2	1.3	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	<0.8	3.2	<0.8	<1	8.1
11/12/2013	7275074	8260	<1	<0.8	<1	<0.8	<2	<0.8	2.7	<0.8	1.9	<0.8	<1	4.6
1/16/2014	7340029	8260	<1	<0.8	<1	<0.8	<2	<0.8	2.2	<0.8	1.8	<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	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	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	8.1	<1.0	4.9	<1.0	<1.0	13.92

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

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

**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	0.41	< 1	< 2.5	< 1	12	< 1	1.2	< 1	1.5	15.37
1/12/2000	A0026406	8021	< 1.2	< 1	0.27	< 1	< 2.5	< 1	19	< 1	5.8	< 1	1.3	26.37
4/18/2000	A0259408	8021	< 1.2	< 1	1.3	< 1	< 2.5	< 1	11	< 1	3.1	< 1	1.2	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	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	< 1	< 2.5	< 1	2.1	< 1	0.83	< 1	0.3	3.58
11/12/2001	A1B23802	8021	< 1.2	< 1	< 1	< 1	< 2.5	< 1	14	< 1	6.4	< 1	0.37	20.77
1/21/2002	A2066007	8021	< 1.2	< 1	< 1	< 1	< 2.5	0.61	13	< 1	6.1	< 1	< 1.8	19.71
4/11/2002	A2348302	8021	< 1.2	< 1	< 1	< 1	< 2.5	0.61	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	6	< 1	4.3	< 1	0.29	10.97
1/16/2003	A3055804	8021	< 1.2	< 1	0.29	< 1	< 2.5	0.4	6.3	< 1	3.4	< 1	1.2	11.59
4/29/2003	A3398701	8021	< 1.2	< 1	< 1	< 1	< 2.5	< 1	3.8	< 1	2.4	< 1	0.34	6.54
7/17/2003	A3683706	8021	< 1.2	< 1	< 1	< 1	< 2.5	< 1	2.1	< 1	1.1	< 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	8.9	< 1	5.5	< 1	1.5	16.72
4/21/2005	A5402202	8260	< 1.2	< 1	< 1	< 1	< 2.5	0.83	10	< 1	34	< 1	< 1.8	44.83
7/26/2005	A5791702	8260/5M	< 1.2	< 1	< 1	< 1	< 2.5	1.6	17	< 1	79	< 1	< 1.8	97.6
10/20/2005	A5B91801	8260	< 1.2	< 1	< 1	< 1	< 2.5	0.64	6	< 1	6.8	< 1	1.3	14.74
1/26/2006	A6102402	8260	< 1.2	< 1	< 1	< 1	< 2.5	0.74	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	< 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	< 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	< 0.8	2.6	13.4
10/16/2008	5501560	8260	< 1	< 0.8	< 1	< 0.8	< 2	< 0.8	10	< 0.8	2.8	< 0.8	3.1	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	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	9.4
7/7/2009	5718475	8260	< 1	< 0.8	< 1	< 0.8	< 2	< 0.8	8.4	< 0.8	2	< 0.8	2.6	13
10/7/2009	5800384	8260	< 1	< 0.8	< 1	< 0.8	< 2	< 0.8	7.7	< 0.8	2.7	< 0.8	2.1	12.5
1/20/2010	5888917	8260	< 1	< 0.8	< 1	< 0.8	< 2	< 0.8	6	< 0.8	1.7	< 0.8	1.5	9.2
4/13/2010	5953084	8260	< 1	< 0.8	< 1	< 0.8	< 2	< 0.8	5.9	< 0.8	2.6	< 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	< 0.8	3	15.7
10/12/2010	6109758	8260	< 1	< 0.8	< 1	< 0.8	< 2	< 0.8	9.4	< 0.8	3.3	< 0.8	2.6	15.3
1/25/2011	6191891	8260	< 1	< 0.8	< 1	< 0.8	< 2	< 0.8	9.8	< 0.8	3.1	< 0.8	2.7	15.6
4/19/2011	6263085	8260	< 1	< 0.8	< 1	< 0.8	< 2	< 0.8	3.1	< 0.8	< 1	< 0.8	< 1	3.1

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

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

Well ID: B-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
7/13/2011	6343976	8260	< 1	< 0.8	< 1	< 0.8	< 2	< 0.8	11	< 0.8	3.8	< 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	< 0.8	2.3	16.7
1/16/2012	6523836	8260	< 1	< 0.8	< 1	< 0.8	< 2	< 0.8	10	< 0.8	3.3	< 0.8	4	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	< 0.8	4.3	18.3
10/2/2012	6810725	8260	< 1	< 0.8	< 1	< 0.8	< 2	< 0.8	11	< 0.8	3.4	< 0.8	2.9	17.3
1/22/2013	6931417	8260	< 1	< 0.8	< 1	< 0.8	< 2	< 0.8	5.9	< 0.8	1.6	< 0.8	3.1	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	< 0.8	1.5	8.9
11/12/2013	7275073	8260	< 1	< 0.8	< 1	< 0.8	< 2	< 0.8	6.8	< 0.8	1.4	< 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	< 0.8	3.3	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	< 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	< 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	< 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	< 1.0	5.7	13.46

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

Well ID: B-44M

Date	Lab Sample ID	Method	Carbon tetrachloride (µg/L)	Chloroform (µg/L)	1,1-Dichloroethane (µg/L)	1,1-Dichloroethene (µg/L)	Methylene chloride (µg/L)	trans-1,2-Dichloroethene (µg/L)	cis-1,2-Dichloroethene (µg/L)	1,1,1-Trichloroethane (µg/L)	Trichloroethene (µg/L)	Tetrachloroethene (µg/L)	Vinyl chloride (µg/L)	Total
10/15/1999		8260	< 1.2	1.9	2.4	< 1	< 2.5	< 1	11	< 1	12	< 1	< 1.8	27.3
1/12/2000	A0026407	8021	< 1.2	0.23	4	< 1	< 2.5	< 1	26	< 1	2.4	< 1	1	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	24.51
10/24/2000	A0760705	8021	< 1.2	0.22	6.1	< 1	< 2.5	< 1	31	0.36	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	33	0.4	4.3	< 1	7.7	51.65
7/11/2001	A1648703	8021	< 1.2	< 1	4.5	< 1	< 2.5	< 1	23	< 1	3	< 1	2.4	32.9
11/12/2001	A1B23803	8021	< 1.2	< 1	6.1	< 1	< 2.5	< 1	33	< 1	27	< 1	4.5	70.6
1/22/2002	A2066013	8021	< 8	< 8	< 8	< 8	14	< 8	22	< 8	< 8	< 8	< 8	36
4/12/2002	A2351802	8021	< 1.2	< 1	7.6	< 1	< 2.5	< 1	33	< 1	5.9	< 1	5.6	52.1
7/15/2002	A2723103	8021	< 1.2	< 1	7.8	< 1	< 2.5	< 1	28	< 1	5.5	< 1	4.4	45.7
10/9/2002	A2A07501	8021	< 1.2	< 1	9.2	< 1	< 2.5	< 1	49	0.76	10	< 1	15	83.96
1/21/2003	A3069001	8021	< 1.2	0.54	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	10	< 1	27	92.79
7/17/2003	A3683704	8021	< 1.2	< 1	8.3	< 1	< 2.5	< 1	36	0.45	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	9.1	0.25	2.4	< 1	4.9	25.09
4/21/2005	A5402201	8260	< 1.2	< 1	7.3	< 1	< 2.5	0.47	21	0.49	5.8	< 1	15	50.06
7/22/2005	A5778502	8260/5M	< 1.2	< 1	5.9	< 1	< 2.5	< 1	14	< 1	3.6	< 1	5.5	29
10/21/2005	A5B92604	8260	< 1.2	< 1	8.7	< 1	< 2.5	< 1	9.1	< 1	3.7	< 1	6.6	28.1
1/26/2006	A6102403	8260	< 1.2	< 1	9.1	< 1	< 2.5	0.63	16	0.65	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	< 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	< 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	< 0.8	5	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	< 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
4/19/2011	6263084	8260	< 1	< 0.8	6.7	< 0.8	< 2	< 0.8	2.8	< 0.8	1.5	< 0.8	4.3	15.3

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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: 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
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	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	< 0.8	3.7	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	< 0.8	4.8	29
4/4/2013	7011177	8260	< 1	< 0.8	6.6	< 0.8	< 2	< 0.8	26	< 0.8	46	< 0.8	4.7	83.3
7/8/2013	7120733	8260	< 1	< 0.8	7.7	< 0.8	< 2	< 0.8	10	< 0.8	4.5	< 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	< 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	< 0.8	4.4	26
4/16/2014	7433450	8260	< 0.5	< 0.5	6.3	< 0.5	< 2	0.6	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	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	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	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	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	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	8.5	< 0.5	2.5	< 0.5	4	22.1
12/9/2016	240-73270-20	8260C	5.9	4.4	4.9	< 5.0	3.8	< 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	8.6	< 1.0	2.5	< 1.0	5.4	24.12

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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-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	7.3	< 1	0.66	< 1	0.24	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	< 1	0.67	< 1	< 1.8	0.88
1/13/2003	A3038007	8021	< 1.2	< 1	< 1	< 1	< 2.5	< 1	1.6	< 1	0.67	< 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	< 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	< 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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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	< 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	< 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	< 1	< 1	1.4	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	29	< 1	1.7	< 1	0.61	31.63
10/12/2001	A1A01004	8021	< 1.2	< 1	< 1	< 1	< 2.5	0.46	41	< 1	1.1	< 1	2.3	44.86
1/15/2002	A2039405	8021	< 1.2	< 1	< 1	< 1	< 2.5	0.46	31	< 1	1.3	< 1	1.7	34.46
4/9/2002	A2332611	8260	< 1.2	< 1	0.28	0.23	< 2.5	0.88	62	< 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	< 1	0.52	12.96
7/2/2003	A3639701	8021	< 1.2	< 1	< 1	< 1	< 2.5	< 1	36	< 1	< 1.2	< 1	1.4	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	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	< 1	< 1	1.7	130	< 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	< 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	< 0.8	2.7	21.9
7/14/2009	5723629	8260	< 1	< 0.8	< 1	< 0.8	< 2	< 0.8	28	< 0.8	4.3	< 0.8	3.2	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	39.4
7/19/2011	6350138	8260	< 1	< 0.8	< 1	< 0.8	< 2	< 0.8	38	< 0.8	8.9	< 0.8	3	49.9
7/12/2012	6719403	8260	< 1	< 0.8	< 1	< 0.8	< 2	< 0.8	46	< 0.8	10	< 0.8	3.3	59.3
7/15/2013	7128197	8260	< 1	< 0.8	< 1	< 0.8	< 2	< 0.8	49	< 0.8	10	< 0.8	2.5	61.5
7/14/2014	7532399	8260	< 0.5	< 0.5	< 0.5	< 0.5	< 2	0.51	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	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	16	< 1.0	8.9	< 1.0	0.8	26.37

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

Well ID: B-48M

Date	Lab Sample ID	Method	Carbon tetrachloride (µg/L)	Chloroform (µg/L)	1,1-Dichloroethane (µg/L)	1,1-Dichloroethene (µg/L)	Methylene chloride (µg/L)	trans-1,2-Dichloroethene (µg/L)	cis-1,2-Dichloroethene (µg/L)	1,1,1-Trichloroethane (µg/L)	Trichloroethene (µg/L)	Tetrachloroethene (µg/L)	Vinyl chloride (µg/L)	Total
4/20/2000	A0263903	8021	< 1.2	< 1	< 1	< 1	< 2.5	< 1	26	< 1	89	< 1	< 1.8	115
7/17/2000	A0500402	8021	< 1.2	< 1	< 1	< 1	2.9	< 1	32	< 1	48	< 1	5.9	88.8
10/24/2000	A0760706	8021	< 1.2	< 1	< 1	< 1	< 2.5	2.5	70	< 1	32	< 1	14	118.5
1/15/2001	A1041306	8021	< 1.2	< 1	< 1	< 1	< 2.5	5.8	77	< 1	31	< 1	18	131.8
4/25/2001	A1382104	8021	< 1.2	< 1	< 1	< 1	< 2.5	< 1	10	< 1	37	< 1	< 1.8	47
7/11/2001	A1648712	8021	< 1.2	0.84	< 1	< 1	1.2	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	9.7	< 1	15	< 1	< 1.8	25.33
4/15/2002	A2370204	8021	< 1.2	< 1	< 1	< 1	< 2.5	0.46	7.8	< 1	22	< 1	< 1.8	30.26
7/16/2002	A2722917	8021	< 1.2	< 1	< 1	< 1	< 2.5	0.53	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	37.55
7/18/2003	A3689002	8021	< 1.2	< 1	< 1	< 1	< 2.5	0.67	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	< 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	< 0.8	2.9	< 0.8	< 1	3.85
10/15/2008	5499971	8260	< 1	< 0.8	< 1	< 0.8	< 2	< 0.8	1.4	< 0.8	2.9	< 0.8	< 1	4.3
1/14/2009	5577591	8260	< 1	< 0.8	< 1	< 0.8	< 2	< 0.8	1.3	< 0.8	2.7	< 0.8	< 1	4
4/14/2009	5646767	8260	< 1	< 0.8	< 1	< 0.8	< 2	< 0.8	1	< 0.8	2.9	< 0.8	< 1	3.9
7/9/2009	5720681	8260	< 1	< 0.8	< 1	< 0.8	< 2	< 0.8	1.1	< 0.8	2.4	< 0.8	< 1	3.5
10/5/2009	5797960	8260	< 1	< 0.8	< 1	< 0.8	< 2	< 0.8	0.91	< 0.8	2.3	< 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	< 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	< 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	< 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	< 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	< 0.8	< 1	1.2
10/11/2011	6434705	8260	< 1	< 0.8	< 1	< 0.8	< 2	< 0.8	< 0.8	< 0.8	< 1	< 0.8	< 1	0

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

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

Well ID: B-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
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	<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	<0.8	<1	1
4/3/2013	7010222	8260	<1	<0.8	<1	<0.8	<2	<0.8	<0.8	<0.8	1.8	<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	<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	<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	<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	<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	<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	<1.0	0.66	<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	<1.0	<1.0	0.57

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

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

Well ID: B-49M

Date	Lab Sample ID	Method	Carbon tetrachloride (µg/L)	Chloroform (µg/L)	1,1-Dichloroethane (µg/L)	1,1-Dichloroethene (µg/L)	Methylene chloride (µg/L)	trans-1,2-Dichloroethene (µg/L)	cis-1,2-Dichloroethene (µg/L)	1,1,1-Trichloroethane (µg/L)	Trichloroethene (µg/L)	Tetrachloroethene (µg/L)	Vinyl chloride (µg/L)	Total
4/20/2000	A0263902	8021	< 1.2	1.4	< 1	< 1	< 2.5	< 1	2	< 1	8	< 1	< 1.8	11.4
7/17/2000	A0500401	8021	< 1.2	< 1	< 1	< 1	< 2.5	< 1	2	< 1	1.6	< 1	< 1.8	3.6
10/24/2000	A0760707	8021	< 1.2	< 1	< 1	< 1	< 2.5	< 1	< 1	< 1	1.1	< 1	< 1.8	1.1
1/15/2001	A1041305	8021	< 1.2	< 1	< 1	< 1	< 2.5	< 1	2.2	< 1	0.55	< 1	< 1.8	2.75
4/25/2001	A1382103	8021	< 1.2	< 1	< 1	< 1	< 2.5	< 1	0.72	< 1	2.3	< 1	< 1.8	3.02
7/11/2001	A1648717	8021	< 1.2	< 1	< 1	< 1	< 2.5	< 1	0.74	< 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	< 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	< 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	< 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	< 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
1/17/2012	6524428	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
4/11/2012	6613965	8260	< 1	< 0.8	< 1	< 0.8	< 2	< 0.8	< 0.8	< 0.8	1.8	< 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	< 1.0	< 1.0	< 1.0	< 1.0	0.38

< - 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-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	< 1	8.3	< 1	< 1.8	8.69
10/18/2000	A0751308	8021	< 1.2	< 1	< 1	< 1	< 2.5	< 1	0.28	< 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	< 1	6	< 1	< 1.8	6.32
10/10/2001	A1994704	8021	< 1.2	< 1	< 1	< 1	< 2.5	< 1	0.38	< 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	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	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	< 1	30	< 1	< 1.8	50
7/20/2004	A4682801	8260	< 1.2	< 1	< 1	< 1	< 2.5	0.98	19	< 1	34	< 1	0.92	54.9
10/22/2004	A4A48002	8021	< 1	< 1	< 1	< 1	< 1	0.87	23	< 1	32	< 1	0.59	56.46
1/17/2005	A5044301	8260	< 1.2	< 1	< 1	< 1	< 2.5	0.67	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	< 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	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	10	< 0.8	49	< 0.8	< 1	59.9
7/21/2011	6353676	8260	< 1	< 0.8	< 1	< 0.8	< 2	1	13	< 0.8	53	< 0.8	< 1	67
7/17/2012	6723847	8260	< 1	< 0.8	< 1	< 0.8	< 2	1.1	13	< 0.8	58	< 0.8	< 1	72.1
7/15/2013	7128201	8260	< 1	< 0.8	< 1	< 0.8	< 2	1.4	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	< 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	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	17	< 2.5	75	< 2.5	< 2.5	93.3

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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

**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	< 1	< 1	< 1	< 1	< 1	< 2	4
7/11/2007	7G12003-08	8260	< 1	< 1	< 1	< 1	< 2	< 1	< 1	< 1	< 1	< 1	< 2	0
7/22/2008	5422169	8260	< 1	< 0.8	< 1	< 0.8	< 2	< 0.8	< 0.8	< 0.8	< 1	< 0.8	< 1	0
7/9/2009	5720688	8260	< 1	< 0.8	< 1	< 0.8	< 2	< 0.8	< 0.8	< 0.8	< 1	< 0.8	< 1	0

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

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

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

Well ID: B-52M

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

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

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

Well ID: B-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	< 1	< 1	< 2.5	< 1	0.54	< 1	7.5	< 1	< 1.8	8.27
4/25/2000	A0275215	8021	< 1.2	< 1	< 1	< 1	< 2.5	< 1	0.21	< 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	< 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	< 1	3.8	< 1	< 1.8	4
10/16/2001	A1A17408	8021	< 1.2	< 1	< 1	< 1	< 2.5	< 1	0.32	< 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	< 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	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	< 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	< 0.8	13	< 0.8	< 1	14.7
4/13/2011	6258129	8260	< 1	< 0.8	< 1	< 0.8	< 2	< 0.8	3	< 0.8	16	< 0.8	< 1	19
7/21/2011	6353670	8260	< 1	< 0.8	< 1	< 0.8	< 2	< 0.8	2	< 0.8	9.3	< 0.8	< 1	11.3
7/17/2012	6723845	8260	< 1	< 0.8	< 1	< 0.8	< 2	< 0.8	3	< 0.8	12	< 0.8	< 1	15
7/15/2013	7128206	8260	< 1	< 0.8	< 1	< 0.8	< 2	< 0.8	1.3	< 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	< 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	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	6.51

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

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

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

Well ID: B-54M

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

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

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

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

Well ID: B-55M

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

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

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

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

Well ID: B-56M

Date	Lab Sample ID	Method	Carbon tetrachloride (µg/L)	Chloroform (µg/L)	1,1-Dichloroethane (µg/L)	1,1-Dichloroethene (µg/L)	Methylene chloride (µg/L)	trans-1,2-Dichloroethene (µg/L)	cis-1,2-Dichloroethene (µg/L)	1,1,1-Trichloroethane (µg/L)	Trichloroethene (µg/L)	Tetrachloroethene (µg/L)	Vinyl chloride (µg/L)	Total
4/28/2000	A0284304	8021	< 1.2	< 1	< 1	< 1	< 2.5	0.68	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	< 1	0.56	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	< 1	1	2	95	< 1	46	< 1	< 1.8	146.61
10/11/2001	A1994710	8021	< 1.2	< 1	< 1	< 1	< 2.5	0.74	43	< 1	31	< 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	< 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	< 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	160	< 1	< 1.8	183.74
4/22/2005	A5402001	8260	< 1.2	< 1	< 1	< 1	< 2.5	0.7	9.9	< 1	63	< 1	< 1.8	73.6
7/19/2005	A5762301	8260/5M	< 1.2	< 1	< 1	< 1	< 2.5	0.95	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	82	< 1	0.63	104.69
1/23/2006	A6084703	8260	< 1.2	< 1	< 1	< 1	< 2.5	1	17	< 1	94	< 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	< 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	< 0.8	< 2	1.4	41	2	110	< 0.8	1.2	157.6
1/13/2009	5576512	8260	< 1	< 0.8	1	< 0.8	< 2	< 0.8	23	1.3	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	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	25	0.91	150	< 0.8	< 1	177.01
10/18/2010	6115540	8260	< 1	< 0.8	3.1	0.89	< 2	2.4	62	2.5	290	< 0.8	3.2	364.09
1/26/2011	6192952	8260	< 1	< 0.8	2.7	0.94	< 2	2.7	77	3.1	300	< 0.8	1.5	387.94
4/13/2011	6258128	8260	< 1	< 0.8	< 1	< 0.8	< 2	1.3	34	1.1	180	< 0.8	< 1	216.4
7/19/2011	6350139	8260	< 1	< 0.8	< 1	< 0.8	< 2	1.1	23	< 0.8	140	< 0.8	< 1	164.1
10/13/2011	6437684	8260	< 1	< 0.8	2.8	< 0.8	< 2	2.6	69	2	240	< 0.8	1.9	318.3

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To Address the NYSDEC concerns regarding the presentation and plotting of non-detected values, the data for 2001 to 2004 has been reevaluated and interpreted as follows:
1) Non-detected concentrations have been represented as '<' 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-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
1/17/2012	6524416	8260	< 1	< 0.8	< 1	< 0.8	< 2	0.83	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	25	< 0.8	190	< 0.8	< 1	216.2
10/3/2012	6812007	8260	< 1	< 0.8	1.8	0.97	< 2	1.7	200	1.7	99	< 0.8	2	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	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	< 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	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	< 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	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

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

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

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

Well ID: B-57M

Date	Lab Sample ID	Method	Carbon tetrachloride (µg/L)	Chloroform (µg/L)	1,1-Dichloroethane (µg/L)	1,1-Dichloroethene (µg/L)	Methylene chloride (µg/L)	trans-1,2-Dichloroethene (µg/L)	cis-1,2-Dichloroethene (µg/L)	1,1,1-Trichloroethane (µg/L)	Trichloroethene (µg/L)	Tetrachloroethene (µg/L)	Vinyl chloride (µg/L)	Total
4/28/2000	A0284303	8021	< 1.2	0.4	< 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	< 1	4.6	< 1	< 1.8	5.51
10/26/2000	A0767901	8021	< 1.2	< 1	< 1	< 1	< 2.5	< 1	< 1	< 1	< 1.2	< 1	< 1.8	0
1/18/2001	A1052407	8021	< 1.2	< 1	< 1	< 1	< 2.5	< 1	3.2	< 1	1.5	< 1	< 1.8	4.7
4/16/2001	A1345802	624	< 1.2	< 1.5	< 1.8	< 1.4	< 2.5	< 1.8	< 1.4	< 1.1	< 1.2	< 1.1	< 1.8	0
7/16/2001	A1674108	8021	< 1.2	< 1	< 1	< 1	< 2.5	< 1	< 1	< 1	< 1.2	< 1	< 1.8	0
10/11/2001	A1994709	8021	< 1.2	< 1	< 1	< 1	< 2.5	< 1	< 1	< 1	< 1.2	< 1	< 1.8	0
1/18/2002	A2058507	8021	< 1.2	< 1	< 1	< 1	< 2.5	< 1	< 1	< 1	< 1.2	< 1	< 1.8	0
4/10/2002	A2347903	8260	< 1.2	< 1	< 1	< 1	< 2.5	< 1	< 1	< 1	< 1.2	< 1	< 1.8	0
7/11/2002	A2708309	8021	< 1.2	< 1	< 1	< 1	< 2.5	< 1	< 1	< 1	< 1.2	< 1	< 1.8	0
10/4/2002	A2986404	8021	< 1.2	< 1	< 1	< 1	< 2.5	< 1	< 1	< 1	< 1.2	< 1	< 1.8	0
1/16/2003	A3056003	8021	< 1.2	< 1	< 1	< 1	< 2.5	< 1	< 1	< 1	< 1.2	< 1	< 1.8	0
4/7/2003	A3320703	8021	< 1.2	< 1	< 1	< 1	< 2.5	< 1	< 1	< 1	< 1.2	< 1	< 1.8	0
7/8/2003	A3649203	8021	< 1.2	< 1	< 1	< 1	< 2.5	< 1	< 1	< 1	< 1.2	< 1	< 1.8	0
10/9/2003	A3978811	8021	< 1.2	< 1	< 1	< 1	< 2.5	< 1	< 1	< 1	< 1.2	< 1	< 1.8	0
7/13/2004	A4664210	8021	< 1.2	< 1	< 1	< 1	< 2.5	< 1	< 1	< 1	< 1.2	< 1	< 1.8	0
4/6/2005	A5317604	8260	< 1.2	< 1	< 1	< 1	< 2.5	< 1	< 1	< 1	< 1.2	< 1	< 1.8	0
7/12/2005	A5733101	8260/5M	< 1.2	< 1	< 1	< 1	< 2.5	< 1	< 1	< 1	< 1.2	< 1	< 1.8	0
10/5/2005	A5B10501	8260	< 1.2	< 1	< 1	< 1	< 2.5	< 1	< 1	< 1	< 1.2	< 1	< 1.8	0
1/23/2006	A6084704	8260	< 1.2	< 1	< 1	< 1	< 2.5	< 1	< 1	< 1	< 1.2	< 1	< 1.8	0
4/12/2006	6D13005-08	8260	< 1	< 1	< 1	< 1	< 2	< 1	< 1	< 1	< 1	< 1	< 2	0
7/19/2006	6G20004-01	8260	< 1	< 1	< 1	< 1	< 2	< 1	< 1	< 1	< 1	< 1	< 2	0
10/10/2006	6J11002-05	8260	< 1	< 1	< 1	< 1	< 2	< 1	< 1	< 1	< 1	< 1	< 2	0
1/8/2007	7A09003-04	8260	< 1	< 1	< 1	< 1	< 2	< 1	< 1	< 1	< 1	< 1	< 2	0
4/4/2007	7D05011-04	8260	< 1	< 1	< 1	< 1	< 2	< 1	< 1	< 1	< 1	< 1	< 2	0
7/11/2007	7G12003-05	8260	< 1	< 1	< 1	< 1	< 2	< 1	< 1	< 1	< 1	< 1	< 2	0
10/10/2007	7J11002-04	8260	< 1	< 1	< 1	< 1	< 2	< 1	< 1	< 1	< 1	< 1	< 2	0
1/8/2008	8A09005-08	8260	< 1	< 1	< 1	< 1	< 2	< 1	< 1	< 1	< 1	< 1	< 2	0
4/7/2008	8D08002-03	8260	< 1	< 1	< 1	< 1	3	< 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	< 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
10/3/2012	6812010	8260	< 1	< 0.8	< 1	< 0.8	< 2	< 0.8	< 0.8	< 0.8	< 1	< 0.8	< 1	0

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

B - The analyte is present in the associated method blank.
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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
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	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:
 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-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	< 1	< 1.8	0.86
10/25/2000	A0767902	8021	< 1.2	< 1	< 1	< 1	< 2.5	< 1	0.79	< 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	< 1	< 1.8	0.69
7/12/2005	A5733102	8260/5M	< 1.2	< 1	< 1	< 1	< 2.5	< 1	< 1	< 1	< 1.2	< 1	< 1.8	0
7/19/2006	6G20004-02	8260	< 1	< 1	< 1	< 1	< 2	< 1	< 1	< 1	< 1	< 1	< 2	0
7/11/2007	7G12003-06	8260	< 1	< 1	< 1	< 1	< 2	< 1	< 1	< 1	< 1	< 1	< 2	0
7/28/2008	5426822	8260	< 1	< 0.8	< 1	< 0.8	< 2	< 0.8	< 0.8	< 0.8	< 1	< 0.8	< 1	0
7/15/2009	5724673	8260	< 1	< 0.8	< 1	< 0.8	< 2	< 0.8	< 0.8	< 0.8	< 1	< 0.8	< 1	0
7/20/2010	6038214	8260	< 1	< 0.8	< 1	< 0.8	< 2	< 0.8	< 0.8	< 0.8	< 1	< 0.8	< 1	0
7/19/2011	6350142	8260	< 1	< 0.8	< 1	< 0.8	< 2	< 0.8	< 0.8	< 0.8	< 1	< 0.8	< 1	0
7/12/2012	6719394	8260	< 1	< 0.8	< 1	< 0.8	< 2	< 0.8	< 0.8	< 0.8	< 1	< 0.8	< 1	0
7/16/2013	7129893	8260	< 1	< 0.8	< 1	< 0.8	< 2	< 0.8	< 0.8	< 0.8	< 1	< 0.8	< 1	0
7/16/2014	7535889	8260	< 0.5	< 0.5	< 0.5	< 0.5	< 2	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	0
7/14/2015	7967350	SW8260C	< 0.5	< 0.5	< 0.5	< 0.5	< 2	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	0

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

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

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

Well ID: B-59M

Date	Lab Sample ID	Method	Carbon tetrachloride (µg/L)	Chloroform (µg/L)	1,1-Dichloroethane (µg/L)	1,1-Dichloroethene (µg/L)	Methylene chloride (µg/L)	trans-1,2-Dichloroethene (µg/L)	cis-1,2-Dichloroethene (µg/L)	1,1,1-Trichloroethane (µg/L)	Trichloroethene (µg/L)	Tetrachloroethene (µg/L)	Vinyl chloride (µg/L)	Total
7/17/2002	A2732710	8021	< 1.2	< 1	< 1	< 1	< 2.5	< 1	< 1	< 1	2.5	< 1	< 1.8	2.5
8/5/2002	A2793604	8021	< 1.2	< 1	< 1	< 1	< 2.5	< 1	< 1	< 1	< 1.2	< 1	< 1.8	0
10/7/2002	A2999201	8021	< 1.2	< 1	< 1	< 1	< 2.5	< 1	< 1	< 1	< 1.2	< 1	< 1.8	0
1/16/2003	A3056008	8021	< 1.2	< 1	< 1	< 1	< 2.5	< 1	< 1	< 1	< 1.2	< 1	< 1.8	0
4/17/2003	A3361701	8021	< 1.2	< 1	< 1	< 1	< 2.5	< 1	< 1	< 1	< 1.2	< 1	< 1.8	0
7/14/2003	A3670605	8021	< 1.2	< 1	< 1	< 1	< 2.5	< 1	< 1	< 1	< 1.2	< 1	< 1.8	0
10/14/2003	A3998703	8021	< 1.2	< 1	< 1	< 1	< 2.5	< 1	< 1	< 1	< 1.2	< 1	< 1.8	0
1/7/2004	A4012312	8021	< 1.2	< 1	< 1	< 1	< 2.5	< 1	< 1	< 1	< 1.2	< 1	< 1.8	0
7/14/2004	A4664202	8021	< 1.2	< 1	< 1	< 1	< 2.5	< 1	< 1	< 1	< 1.2	< 1	< 1.8	0
4/25/2005	A5408101	8260	< 1.2	< 1	< 1	< 1	< 2.5	< 1	< 1	< 1	< 1.2	< 1	< 1.8	0
7/20/2005	A5762204	8260/5M	< 1.2	< 1	< 1	< 1	< 2.5	< 1	< 1	< 1	< 1.2	< 1	< 1.8	0
7/19/2006	6G20004-14	8260	< 1	< 1	< 1	< 1	4	< 1	3	< 1	3	< 1	< 2	10
7/17/2007	7G18027-09	8260	< 1	< 1	< 1	< 1	< 2	1	4	< 1	3	< 1	< 2	8
7/21/2008	5420892	8260	< 1	< 0.8	< 1	< 0.8	< 2	0.8	1.1	< 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	6.9	< 0.8	< 1	< 0.8	3	12.1
4/13/2011	6258124	8260	< 1	< 0.8	< 1	< 0.8	< 2	< 0.8	1.2	< 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	< 0.8	< 1	< 0.8	2.7	6.1
7/10/2013	7123808	8260	< 1	< 0.8	< 1	< 0.8	< 2	< 0.8	0.9	< 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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D - Result reported from a secondary dilution analysis.
E - Concentration exceeds the calibration range;
Result is estimated.
J - Indicates an estimated value.
µg/L - micrograms per liter

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

Well ID: B-60M

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

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

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

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

Well ID: B-62M

Date	Lab Sample ID	Method	Carbon tetrachloride (µg/L)	Chloroform (µg/L)	1,1-Dichloroethane (µg/L)	1,1-Dichloroethene (µg/L)	Methylene chloride (µg/L)	trans-1,2-Dichloroethene (µg/L)	cis-1,2-Dichloroethene (µg/L)	1,1,1-Trichloroethane (µg/L)	Trichloroethene (µg/L)	Tetrachloroethene (µg/L)	Vinyl chloride (µg/L)	Total
7/17/2002	A2732712	8021	< 1.2	< 1	< 1	< 1	< 2.5	< 1	2.2	< 1	7.4	< 1	< 1.8	9.6
8/5/2002	A2793609	8021	< 1.2	< 1	< 1	< 1	< 2.5	< 1	0.86	< 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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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

< - 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-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	< 1	< 1	< 2.5	< 1	0.3	< 1	0.96	< 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	< 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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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.
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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-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	< 1	< 1	< 2.5	< 1	< 1	< 1	0.49	< 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	< 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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1) Non-detected concentrations have been represented as '<' for reporting purposes.
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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-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	< 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	< 1	0.24	< 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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3) The method change to 8260 was approved by the NYSDEC and changed in January 2005.

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

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

Well ID: B-67M

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

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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: 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
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

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

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

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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	< 10	< 7	< 25	< 10	120	< 6.4	1100	< 7.9	< 18	1225
4/15/1999		8260	< 12	5.7	< 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	< 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	< 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	< 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
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

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4/4/2005	A5307503	8260	< 1.2	0.68	170	66	< 2.5	7.7	580	1300	8200	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	< 5	18	9642
7/11/2006	6G12005-03	8260	< 5	< 5	102	14	22	< 5	621	411	6850	< 5	13	8033
10/9/2006	6J10002-03	8260	< 5	< 5	146	23	< 10	6	322	1130	2770	< 5	12	4409
1/10/2007	7A11003-04	8260	< 5	< 5	135	17	12	< 5	368	919	4950	< 5	10	6411
4/3/2007	7D04039-01	8260	< 5	< 5	110	23	164	9	792	897	9730	< 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	< 10	6	2000	210	95	< 4	390	2832
10/14/2008	5498678	8260	< 2	< 1.6	190	3.1	< 4	5	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	1700	350	420	< 1.6	150	2728.9
10/7/2009	5800381	8260	< 2	< 1.6	460	62	< 4	2.9	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	270	81	< 2	9.5	910	2200	2400	0.82	85	5957.3
7/21/2010	6039078	8260	< 2	< 1.6	180	31	< 4	7.8	1100	1100	2300	< 1.6	60	4778.8
10/12/2010	6109750	8260	< 5	< 4	580	88	< 10	12	1700	4700	3400	< 4	94	10574
1/24/2011	6190814	8260	< 2.5	< 2	280	47	< 5	5.6	800	2100	1700	< 2	31	4963.6
4/12/2011	6256723	8260	< 5	< 4	150	30	< 10	7.6	1100	1100	5400	< 4	41	7828.6
7/20/2011	6352280	8260	< 5	< 4	98	25	< 10	11	1600	630	6000	< 4	57	8421
10/12/2011	6435908	8260	< 5	< 4	210	41	< 10	9.9	980	1600	3700	< 4	42	6582.9
1/19/2012	6527711	8260	< 2	< 1.6	82	22	< 4	2.4	500	560	1600	< 1.6	5.7	2772.1
4/4/2012	6607024	8260	< 2	< 1.6	77	15	< 4	4.1	710	560	2700	< 1.6	20	4086.1
7/19/2012	6728260	8260	< 5	< 4	150	26	< 10	10	1700	970	7800	< 4	48	10704
10/4/2012	6814368	8260	< 1	< 0.8	< 1	< 0.8	< 2	< 0.8	2.7	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	36	< 0.8	< 1	50.6
4/4/2013	7011183	8260	< 2	< 1.6	81	22	< 4	7.9	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	44	10162.4
11/12/2013	7275078	8260	< 5	< 4	61	15	< 10	4.7	530	390	4400	< 4	18	5418.7
1/17/2014	7341390	8260	< 1	< 0.8	33	9	< 2	2.5	260	260	2500	< 0.8	3	3067.5
4/14/2014	7430456	8260	< 2.5	< 2.5	94	27	< 10	4.7	490	790	4900	< 2.5	6.2	6311.9
7/10/2014	7529502	8260	< 5	< 5	86	28	< 20	6.2	720	700	6500	< 5	24	8064.2
10/6/2014	7626647	8260	< 5	< 5	87	35	< 20	6.3	750	550	6700	< 5	34	8162.3
1/8/2015	7734020	8260	< 2.5	< 2.5	21	7.3	< 10	4.7	590	120	4800	< 2.5	8.5	5551.5
4/15/2015	7849427	8260	< 0.5	0.68	81	28	< 2	4.5	400	480	3200	1	16	4211.18
7/13/2015	7965563	SW8260C	< 5	< 5	20	11	< 20	5.3	520	63	5700	< 5	8.2	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	510	2500	2600	< 2.5	15	6038.9
12/8/2016	240-73270-12	8260C	< 200	< 200	190	60	< 200	< 200	540	1200	5100	< 200	< 200	7090
5/2/2017	240-79083-8	8260C	< 130	< 130	79	< 130	< 130	< 130	350	470	4500	< 130	< 130	5399

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

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

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

Well ID: 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
6/28/1995		8260	<1	<1	<1	<1	<1	<1	3.4	<1	1.4	<1	<2	4.8

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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: 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
10/10/1995		8260	<1.2	<0.5	<1	<0.7	<2.5	<1	<1	<0.64	2.4	<0.79	<1.8	2.4
4/3/1996		8260	<1.2	<0.5	<1	<0.7	<2.5	<1	3	<0.64	1.6	<0.79	<1.8	4.6
7/11/1996		8260	<1.2	<0.5	<1	<0.7	<2.5	<1	<1	<0.64	<1.2	<0.79	<1.8	0
10/10/1996		8260	<1.2	<0.5	<1	<0.7	<2.5	<1	3	<0.64	2.5	<0.79	4	9.5
1/29/1997		8260	<1.2	<0.5	<1	<0.7	<2.5	<1	3	<0.64	1.3	<0.79	<1.8	4.3
4/16/1997		8260	<1.2	<0.5	<1	<0.7	<2.5	<1	3	<0.64	2.5	<0.79	<1.8	5.5
7/16/1997		8260	<1.2	<0.5	<1	<0.7	<2.5	<1	2	<0.64	1.5	<0.79	<1.8	3.5
10/24/1997		8260	<1.2	<0.5	<1	<0.7	<2.5	<1	<1	<0.64	<1.2	<0.79	<1.8	0
1/21/1998		8260	<1.2	<0.5	<1	<0.7	<2.5	<1	3	<0.64	<1.2	<0.79	<1.8	3
4/24/1998		8260	<1.2	<0.5	<1	<0.7	<2.5	<1	3	<0.64	1.3	<0.79	<1.8	4.3
7/31/1998		8260	<1.2	<0.5	<1	<0.7	<2.5	<1	<1	<0.64	<1.2	<0.79	<1.8	0
10/8/1998		8260	<1.2	<0.5	<1	<0.7	<2.5	<1	7	<0.64	<1.2	<0.79	<1.8	7
1/21/1999		8260	<1.2	<0.5	<1	<0.7	<2.5	<1	<1	<0.64	<1.2	<0.79	<1.8	0
4/15/1999		8260	<1.2	<0.5	<1	<0.7	<2.5	<1	1	<0.64	<1.2	<0.79	<1.8	1
7/19/1999		8260	<1.2	<0.5	<1	<0.7	<2.5	<1	<1	<0.64	<1.2	<0.79	<1.8	0
10/13/1999		8260	<1.2	<1	<1	<1	<2.5	<1	1.3	<1	0.95	<1	<1.8	2.25
1/11/2000	A0018413	8021	<1.2	<1	<1	<1	<2.5	<1	3	<1	0.62	<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	<1	0.77	<1	<1.8	1.75
1/15/2001	A1041304	8021	<1.2	<1	<1	<1	<2.5	<1	2.4	<1	0.42	<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	<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	<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	<1	0.43	<1	1.9	95.53
7/8/2005	A5715301	8260/5M	<1.2	<1.1	<1	<1.2	1.2	5.7	140	<1.1	<1.2	<1.3	<1.8	146.9
10/5/2005	A5B10603	8260	<1.2	<1	0.55	<1	<2.5	6	120	<1	0.69	<1	0.98	128.22
1/24/2006	A6089110	8260	<1.2	<1	<1	<1	<2.5	2.2	69	<1	0.52	<1	1.1	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	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
4/8/2008	8D09003-02	8260	<1	<1	<1	<1	3	2	67	<1	<1	<1	<2	72
7/16/2008	5417454	8260	<1	<0.8	<1	<0.8	<2	3.6	92	<0.8	<1	<0.8	<1	95.6

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 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
10/14/2008	5498679	8260	<1	<0.8	<1	<0.8	<2	1.5	55	<0.8	<1	<0.8	<1	56.5
1/21/2009	5582429	8260	<1	<0.8	<1	<0.8	<2	1.3	33	<0.8	<1	<0.8	1.2	35.5
4/15/2009	5647723	8260	<1	<0.8	<1	<0.8	<2	1.6	46	<0.8	<1	<0.8	1.7	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	90	<0.8	<1	<0.8	<1	94
1/25/2010	5892347	8260	<1	<0.8	<1	<0.8	<2	2	60	<0.8	<1	<0.8	2.3	64.3
4/6/2010	5946898	8260	<1	<0.8	<1	<0.8	<2	2.5	90	<0.8	<1	<0.8	2.3	94.8
7/21/2010	6039076	8260	<1	<0.8	<1	<0.8	<2	5.4	100	<0.8	<1	<0.8	1.3	106.7
10/12/2010	6109756	8260	<1	<0.8	<1	<0.8	<2	2.7	110	<0.8	<1	<0.8	<1	112.7
1/26/2011	6192954	8260	<1	<0.8	<1	<0.8	<2	1.1	27	<0.8	<1	<0.8	1.4	29.5
4/12/2011	6256721	8260	<1	<0.8	<1	<0.8	<2	3	100	<0.8	1.1	<0.8	2	106.1
7/12/2011	6342651	8260	<1	<0.8	<1	<0.8	<2	4.8	110	<0.8	1	<0.8	<1	115.8
10/13/2011	6437683	8260	<1	<0.8	<1	<0.8	<2	3.4	97	<0.8	<1	<0.8	<1	100.4
1/17/2012	6524421	8260	<10	<8	<10	<8	<20	<8	29	<8	21	<8	<10	50
4/4/2012	6607022	8260	<1	<0.8	<1	<0.8	<2	1.3	38	<0.8	<1	<0.8	<1	39.3
7/16/2012	6722029	8260	<1	<0.8	<1	<0.8	<2	3.9	83	<0.8	1.2	<0.8	<1	88.1
10/4/2012	6814367	8260	<1	<0.8	<1	<0.8	<2	2.7	77	<0.8	<1	<0.8	<1	79.7
1/24/2013	6934233	8260	<1	<0.8	<1	<0.8	<2	1.1	32	<0.8	<1	<0.8	<1	33.1
4/3/2013	7010226	8260	<1	<0.8	<1	<0.8	<2	1.2	30	<0.8	<1	<0.8	1.6	32.8
7/8/2013	7120726	8260	<1	<0.8	<1	<0.8	<2	3.7	100	<0.8	2.2	<0.8	1.6	107.5
11/12/2013	7275080	8260	<1	<0.8	<1	<0.8	<2	<0.8	46	<0.8	<1	<0.8	2.6	48.6
1/16/2014	7340033	8260	<1	<0.8	<1	<0.8	<2	1	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	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	<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	<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	<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	<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	0.8	3.5	45	<1.4	0.61	<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	<1.0	7.2	43.78

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 µg/L - micrograms per liter

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

Well ID: P-4

Date	Lab Sample ID	Method	Carbon tetrachloride (µg/L)	Chloroform (µg/L)	1,1-Dichloroethane (µg/L)	1,1-Dichloroethene (µg/L)	Methylene chloride (µg/L)	trans-1,2-Dichloroethene (µg/L)	cis-1,2-Dichloroethene (µg/L)	1,1,1-Trichloroethane (µg/L)	Trichloroethene (µg/L)	Tetrachloroethene (µg/L)	Vinyl chloride (µg/L)	Total
1/1/1992		8260	< 12	< 5	< 7	< 13	< 25	< 10	150	< 3	< 12	< 3	71	221
4/1/1992		8260	< 1.2	< 0.5	< 0.7	< 1.3	< 2.5	< 1	12	< 0.3	< 1.2	< 0.3	2.8	14.8
7/1/1992		8260	< 1.2	< 0.5	< 0.7	< 1.3	< 2.5	< 1	11	< 0.9	< 1.2	< 0.3	2.4	13.4
10/1/1992		8260	< 1.2	< 0.5	< 0.7	< 1.3	< 2.5	< 1.5	5.2	< 0.3	< 1.2	< 0.3	< 1.8	5.2
2/26/1993		8260	< 1.2	< 0.5	1.1	1.3	< 2.5	1.9	79	1.2	33	< 0.3	47	164.5
3/5/1993		8260	< 1.2	< 0.5	1.8	1.3	< 2.5	1.9	120	1.5	44	< 0.3	45	215.5
3/11/1993		8260	< 1.2	0.98	2.4	1.6	< 2.5	1.7	140	2	71	< 0.3	49	268.68
3/16/1993		8260	< 1.2	0.81	1.9	1.5	< 2.5	1.7	130	1.5	55	< 0.3	44	236.41
3/29/1993		8260	< 1.2	< 0.5	< 0.7	< 1.3	< 2.5	< 1	15	< 0.5	13	< 0.3	< 1.8	28
4/15/1993		8260	< 1.2	< 0.5	< 0.7	2.3	< 2.5	2	390	1.7	20	< 0.3	37	453
5/5/1993		8260	< 1.2	< 0.5	0.91	< 1.3	< 2.5	1.1	130	0.5	25	< 0.3	30	187.51
6/3/1993		8260	< 1.2	< 0.5	< 0.7	< 1.3	< 2.5	< 1	15	< 0.5	6.6	< 0.3	9.9	31.5
6/28/1993		8260	< 1.2	< 0.5	2.5	1.7	< 2.5	2.6	270	2.7	210	< 0.3	56	545.5
12/31/1993		8260	< 0.5	< 0.5	1.5	< 0.5	< 0.5	2.6	150	< 0.5	250	< 0.5	60	464.1
1/1/1994		8260	< 5	< 5	< 5	< 5	< 5	< 5	120	< 5	220	< 5	70	410
1/2/1994		8260	< 5	< 5	< 5	< 5	< 5	< 5	85	< 5	190	< 5	31	306
1/3/1994		8260	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	95	< 0.5	200	< 0.5	45	340
1/4/1994		8260	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	2.6	120	0.74	250	< 0.5	38	411.34
1/6/1994		8260	< 0.5	< 0.5	0.76	< 0.5	< 0.5	< 0.5	96	< 0.5	210	< 0.5	19	325.76
1/7/1994		8260	< 0.5	< 0.5	0.65	< 0.5	0.59	1.3	60	0.77	140	< 0.5	18	221.31
1/11/1994		8260	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	0.67	53	0.83	190	< 0.5	19	263.5
1/13/1994		8260	< 0.5	< 0.5	0.88	0.69	0.5	1.5	58	1.3	150	< 0.5	20	232.87
1/20/1994		8260	< 1.2	< 0.5	1	< 1.3	< 2.5	1.3	47	1.1	100	< 0.3	18	168.4
1/27/1994		8260	< 1.2	< 0.5	< 0.7	< 1.3	2.5	1.2	340	1.3	400	< 0.3	59	804
6/10/1994		8260	< 1.2	< 0.5	11	3.5	< 2.5	2.3	45	26	220	< 0.3	5.1	312.9
7/6/1994		8260	< 1.2	< 0.5	12	3.6	< 2.5	2.3	78	28	200	< 0.3	15	338.9
10/7/1994		8260	< 1.2	< 0.5	2.1	2	< 2.5	2.8	37	3.5	68	< 0.3	7	122.4
1/25/1995		8260	< 1	< 1	< 1	< 1	< 1	< 1	18	< 1	49	< 1	< 2	67
4/4/1995		8260	< 1	< 1	1.2	< 1	< 1	< 1	33	2.3	74	< 1	3.7	114.2
6/28/1995		8260	< 1	< 1	1.2	< 1	< 1	< 1	20	2.8	31	< 1	2.2	57.2
10/10/1995		8260	< 1.2	< 0.5	2	< 0.7	< 2.5	1.2	35	2.2	56	< 0.79	< 1.8	96.4
1/11/1996		8260	< 1.2	< 0.5	< 1	< 0.7	< 2.5	< 1	21	1.3	55	< 0.79	< 1.8	77.3
4/3/1996		8260	< 1.2	< 0.5	< 1	< 0.7	< 2.5	1.6	46	1.6	180	< 0.79	< 1.8	229.2
7/11/1996		8260	< 1.2	< 0.5	< 1	< 0.7	< 2.5	1.1	31	0.9	97	< 0.79	3.5	133.5
10/4/1996		8260	< 1.2	< 0.5	< 1	< 0.7	< 2.5	< 1	34	0.93	56	< 0.79	4	94.93
1/29/1997		8260	< 1.2	< 0.5	< 1	< 0.7	< 2.5	2.2	73	< 0.64	160	< 0.79	8.5	243.7
4/16/1997		8260	< 1.2	< 0.5	< 1	< 0.7	< 2.5	1.2	24	0.97	140	< 0.79	< 1.8	166.17
7/16/1997		8260	< 1.2	< 0.5	< 1	< 0.7	< 2.5	1.9	41	< 0.64	72	< 0.79	4.4	119.3
10/24/1997		8260	< 1.2	< 0.5	< 1	< 0.7	< 2.5	1.2	51	0.8	65	< 0.79	2.2	120.2
1/21/1998		8260	< 1.2	< 0.5	1	< 0.7	< 2.5	< 1	44	1.6	59	< 0.79	4.1	109.7
4/24/1998		8260	< 1.2	< 0.5	< 1	< 0.7	< 2.5	< 1	32	1.9	92	< 0.79	< 1.8	125.9
7/31/1998		8260	< 1.2	< 0.5	< 1	< 0.7	< 2.5	< 1	34	< 0.64	45	< 0.79	< 1.8	79
10/8/1998		8260	< 1.2	< 0.5	< 1	< 0.7	< 2.5	< 1	41	0.68	5.4	< 0.79	< 1.8	47.08
1/21/1999		8260	< 1.2	< 0.5	< 1	< 0.7	< 2.5	< 1	9	< 0.64	21	< 0.79	< 1.8	30
4/15/1999		8260	< 1.2	< 0.5	< 1	< 0.7	< 2.5	< 1	25	0.65	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	28	< 0.79	3.1	62.4
10/13/1999		8260	< 1.2	< 1	< 1	< 1	< 2.5	0.86	33	< 1	42	< 1	2.5	78.36

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µg/L - micrograms per liter

Well ID: P-4

Date	Lab Sample ID	Method	Carbon tetrachloride (µg/L)	Chloroform (µg/L)	1,1-Dichloroethane (µg/L)	1,1-Dichloroethene (µg/L)	Methylene chloride (µg/L)	trans-1,2-Dichloroethene (µg/L)	cis-1,2-Dichloroethene (µg/L)	1,1,1-Trichloroethane (µg/L)	Trichloroethene (µg/L)	Tetrachloroethene (µg/L)	Vinyl chloride (µg/L)	Total
1/11/2000	A0018414	8021	< 1.2	< 1	< 1	< 1	2	< 1	25	< 1	37	< 1	1.2	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	< 1	27	2	54	< 1	0.99	85.19
10/18/2000	A0751314	8021	< 1.2	< 1	< 1	< 1	0.67	0.5	18	< 1	29	< 1	0.7	48.87
1/12/2001	A1035111	8021	< 1.2	< 1	< 1	< 1	1.8	0.66	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	18	< 1	4.9	< 1	< 1.8	23.13
10/16/2001	A1A17403	8021	< 1.2	< 1	< 1	< 1	1.3	2	220	< 1	42	< 1	< 1.8	265.3
1/21/2002	A2066002	8021	< 1.2	< 1	7.7	5.4	2.4	12	1600	3.8	490	< 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	20	910	< 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	10	998	< 1	11	1625
7/11/2006	6G12005-05	8260	< 1	< 1	20	6	4	12	700	9	869	< 1	< 2	1620
10/9/2006	6J10002-05	8260	< 1	< 1	30	8	< 2	16	1180	27	1100	< 1	< 2	2361
1/5/2007	7A05012-05	8260	< 1	< 1	23	6	2	11	734	20	2080	< 1	26	2902
4/3/2007	7D04039-03	8260	< 1	< 1	7	3	< 2	7	394	7	1190	< 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	< 5	< 10	2143
7/16/2008	5417453	8260	< 1	< 0.8	9.6	3	< 2	7	470	6.3	610	< 0.8	< 1	1105.9
10/14/2008	5498682	8260	< 1	< 0.8	8	1.7	< 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	2002.9
4/14/2009	5646771	8260	< 2	< 1.6	12	3.5	< 4	6.1	370	23	1600	< 1.6	3.9	2018.5
7/9/2009	5720680	8260	< 1	< 0.8	6.6	2.3	< 2	6.8	390	5.6	490	< 0.8	< 1	901.3
10/5/2009	5797961	8260	< 2	< 1.6	10	3.1	< 4	6.7	560	9.2	780	< 1.6	< 2	1369
1/21/2010	5889956	8260	< 5	< 4	17	4.9	< 10	8.8	460	32	2100	< 4	< 5	2622.7
4/6/2010	5946899	8260	< 2	< 1.6	9.5	2.8	< 4	5.6	390	13	1600	< 1.6	6.4	2027.3
7/13/2010	6031624	8260	< 1	< 0.8	6.9	3.4	< 2	7.7	460	5.4	760	< 0.8	< 1	1243.4
10/12/2010	6109755	8260	< 1	< 0.8	6.5	1.6	< 2	7.1	360	6.2	530	< 0.8	< 1	911.4
1/26/2011	6192955	8260	< 2	< 1.6	36	6.8	< 4	11	790	14	1500	< 1.6	3.8	2361.6
4/12/2011	6256718	8260	< 2	< 1.6	65	12	< 4	14	1500	20	3700	1.7	27	5339.7
7/20/2011	6352288	8260	< 2	< 1.6	29	7.8	< 4	10	750	7.8	1400	< 1.6	< 2	2204.6
10/11/2011	6434704	8260	< 2	< 1.6	25	5.8	< 4	11	870	6.1	1200	< 1.6	< 2	2117.9
1/17/2012	6524420	8260	< 1	< 0.8	< 1	< 0.8	< 2	1.1	35	< 0.8	< 1	< 0.8	1.2	37.3
4/4/2012	6607020	8260	< 2	< 1.6	24	5.1	< 4	6.7	530	8.6	1400	< 1.6	7.6	1982
7/17/2012	6723838	8260	< 1	< 0.8	22	5.2	< 2	11	580	6.2	890	< 0.8	< 1	1514.4

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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
10/2/2012	6810734	8260	< 1	< 0.8	19	3.6	< 2	9.2	580	4.9	850	< 0.8	< 1	1466.7
1/22/2013	6931414	8260	< 1	< 0.8	52	11	< 2	10	620	42	2100	2	19	2856
4/3/2013	7010225	8260	< 1	< 0.8	40	7.1	< 2	8.5	520	28	1900	1.9	11	2516.5
7/9/2013	7122573	8260	< 5	< 4	39	8.4	< 10	7.8	700	18	2500	< 4	16	3289.2
11/12/2013	7275081	8260	< 2	< 1.6	38	10	< 4	9.5	750	16	2700	3.4	31	3557.9
1/16/2014	7340027	8260	< 1	< 0.8	10	4.1	< 2	5.4	330	7.6	1500	1.7	4.9	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	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	0.9	1637.7
4/14/2015	7847241	8260	< 0.5	0.87	14	3.8	< 2	4.9	270	15	1300	1.3	0.87	1610.74
7/8/2015	7960007	SW8260C	< 1	< 1	15	4.2	< 4	4	290	60	1400	< 1	1.7	1774.9
10/5/2015	8077926	SW8260C	< 0.5	< 0.5	21	5.6	< 2	7.8	570	35	990	0.96	1.3	1631.66
1/6/2016	8197841	SW8260C	< 0.5	< 0.5	22	5.1	< 2	8.7	590	20	860	0.77	1.4	1507.97
12/8/2016	240-73270-11	8260C	< 14	< 14	16	< 14	< 14	< 14	52	< 14	140	< 14	10	218
5/2/2017	240-79083-6	8260C	< 25	< 25	10	< 25	< 25	< 25	250	< 25	1200	< 25	< 25	1460

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 E - Concentration exceeds the calibration range;
 Result is estimated.
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**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	1.1	62	0.77	520	< 0.3	17	600.87
6/10/1994		8260	< 1.2	< 0.5	3.6	5	20	5.1	990	2.8	1600	< 0.3	87	2713.5
7/6/1994		8260	< 1.2	1	5.5	< 1.3	2.7	2.2	89	< 0.5	290	< 0.3	19	409.4
10/7/1994		8260	< 1.2	< 0.5	0.82	1.9	< 2.5	2.6	72	0.95	97	< 0.3	3.8	179.07
1/25/1995		8260	< 2	< 2	< 2	< 2	< 2	< 2	190	< 2	240	< 2	8.7	438.7
4/4/1995		8260	< 2	< 2	< 2	< 2	< 2	< 2	58	< 2	220	< 2	< 4	278
6/27/1995		8260	< 2	< 2	< 2	< 2	< 2	< 2	72	< 2	140	< 2	< 4	212
10/10/1995		8260	< 12	< 5	< 10	< 7	< 25	< 10	200	< 6.4	880	< 7.9	< 18	1080
1/11/1996		8260	< 12	< 5	< 10	< 7	< 25	< 10	100	< 6.4	330	< 7.9	< 18	430
4/2/1996		8260	< 12	< 5	< 10	< 7	< 25	< 10	160	< 6.4	890	< 7.9	< 18	1050
7/11/1996		8260	< 12	6.9	< 10	< 7	< 25	< 10	110	< 6.4	270	< 7.9	< 18	386.9
10/4/1996		8260	< 12	8.5	< 10	< 7	< 25	< 10	240	< 6.4	780	< 7.9	< 18	1028.5
1/29/1997		8260	< 12	< 5	< 10	< 7	< 25	< 10	55	< 6.4	160	< 7.9	< 18	215
4/16/1997		8260	< 12	5	< 10	< 7	< 25	< 10	190	< 6.4	680	< 7.9	< 18	875
7/16/1997		8260	< 12	< 5	< 10	< 7	< 25	< 10	140	< 6.4	1000	< 7.9	< 18	1140
10/24/1997		8260	< 12	< 5	< 10	< 7	< 25	< 10	170	< 6.4	1000	< 7.9	< 18	1170
1/19/1998		8260	< 12	6.5	< 10	< 7	< 25	< 10	250	< 6.4	1300	< 7.9	< 18	1556.5
4/24/1998		8260	< 12	< 5	< 10	< 7	< 25	< 10	120	< 6.4	570	< 7.9	< 18	690
7/24/1998		8260	< 12	< 5	< 10	< 7	< 25	< 10	170	< 6.4	420	< 7.9	< 18	590
10/8/1998		8260	< 12	< 5	< 10	< 7	< 25	< 10	110	< 6.4	430	< 7.9	< 18	540
1/21/1999		8260	< 12	5.9	< 10	< 7	< 25	< 10	150	< 6.4	290	< 7.9	< 18	445.9
4/15/1999		8260	< 12	8.1	< 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	< 2.5	2.8	180	< 1	270	< 1	0.86	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	< 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	< 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
4/9/2003	A3329403	8021	< 23	< 7.3	< 7.9	< 13	< 30	< 12	560	< 15	1900	< 26	< 10	2460

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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: 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
7/10/2003	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	5.5	2400	< 2.5	< 5.9	3023
4/4/2005	A5307501	8260	< 1.2	< 1	1.2	0.61	< 2.5	1.9	350	0.71	1500	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	< 6.4	18	1303.3
10/5/2005	A5B10702	8260	< 5.3	< 6.7	< 5.5	< 5.9	< 8.8	< 6.6	390	11	1300	< 7.3	13	1714
1/26/2006	A6102404	8260	< 1.2	< 1	2.3	0.69	< 2.5	1.9	200	2.5	900	< 1	2.4	1109.79
4/13/2006	6D14002-07	8260	< 1	< 1	2	< 1	< 2	2	146	< 1	636	< 1	6	792
7/11/2006	6G12005-01	8260	< 1	< 1	2	< 1	4	2	143	2	449	< 1	< 2	602
10/9/2006	6J10002-02	8260	< 1	< 1	< 1	< 1	< 2	2	114	< 1	871	< 1	3	990
1/9/2007	7A10006-02	8260	< 1	< 1	3	< 1	< 2	2	185	3	638	< 1	7	838
4/3/2007	7D04039-04	8260	< 1	< 1	6	2	< 2	3	302	6	1040	< 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	< 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	< 5	455	7	1690	< 5	31	2211
7/21/2008	5420903	8260	< 1	< 0.8	1.3	< 0.8	< 2	1.6	120	< 0.8	1500	< 0.8	7.5	1630.4
10/14/2008	5498687	8260	< 50	< 40	110	54	< 100	60	10000	< 40	41000	< 40	180	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	< 4	3.6	400	11	1300	< 1.6	19	1747.4
7/7/2009	5718471	8260	< 1	< 0.8	1.6	< 0.8	< 2	1.6	110	1.1	430	< 0.8	5.6	549.9
10/7/2009	5800383	8260	< 1	< 0.8	2.3	0.85	< 2	1.9	160	2	470	< 0.8	9.3	646.35
1/20/2010	5888923	8260	< 2	< 1.6	11	1.8	< 4	2.6	340	11	1200	< 1.6	11	1577.4
4/7/2010	5948422	8260	< 1	< 0.8	11	3.4	< 2	3.6	370	7.2	1300	< 0.8	24	1719.2
7/14/2010	6032689	8260	< 1	< 0.8	3	1.2	< 2	2	180	2.1	470	< 0.8	6.7	665
10/12/2010	6109752	8260	< 1	< 0.8	2.6	0.98	< 2	2.8	290	< 0.8	420	< 0.8	4.7	721.08
1/25/2011	6191894	8260	< 2.5	< 2	8.2	3	< 5	4	400	5.7	1800	< 2	12	2232.9
4/12/2011	6256717	8260	< 1	< 0.8	3.2	1.4	< 2	2.4	260	2.8	1400	< 0.8	2.9	1672.7
7/13/2011	6343975	8260	< 1	< 0.8	10	4.3	< 2	4.7	460	5.6	1700	< 0.8	42	2226.6
10/12/2011	6435899	8260	< 1	< 0.8	1.8	< 0.8	< 2	2.1	120	< 0.8	530	< 0.8	6.7	660.6
1/16/2012	6523838	8260	< 1	< 0.8	8.6	2.4	< 2	3.2	300	4.9	1400	< 0.8	14	1733.1
4/4/2012	6607023	8260	< 1	< 0.8	8.9	3	< 2	3.1	340	4.3	1400	< 0.8	18	1777.3
7/18/2012	6726430	8260	< 1	< 0.8	< 1	< 0.8	< 2	0.92	58	< 0.8	210	< 0.8	2.5	271.42
10/2/2012	6810729	8260	< 1	< 0.8	1.3	0.99	< 2	2	230	1.1	860	< 0.8	1.6	1096.99
1/22/2013	6931418	8260	< 1	< 0.8	4.4	1.6	< 2	2.5	250	3.8	810	< 0.8	12	1084.3
4/4/2013	7011182	8260	< 1	< 0.8	2.1	1.1	< 2	1.7	220	1.5	610	< 0.8	9.4	845.8
7/8/2013	7120731	8260	< 1	< 0.8	2.6	1.5	< 2	2	260	1.1	660	< 0.8	14	941.2
11/12/2013	7275070	8260	< 1	< 0.8	1.4	0.86	< 2	1.4	180	< 0.8	560	< 0.8	8.5	752.16
1/16/2014	7340021	8260	< 10	< 8	32	10	< 20	10	1700	12	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	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	13	1033.13
10/6/2014	7626651	8260	< 0.5	0.63	1	0.55	< 2	0.83	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	10	970.8
4/15/2015	7849426	8260	< 1	< 1	55	15	< 4	12	1500	31	4500	5.6	110	6228.6
7/7/2015	7958382	SW8260C	< 0.5	< 0.5	2.1	< 0.5	< 2	0.83	94	2.5	290	< 0.5	2.9	392.33
10/5/2015	8077930	SW8260C	< 0.5	< 0.5	1.9	0.59	< 2	1.4	150	3.6	380	< 0.5	3.5	540.99

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B - The analyte is present in the associated method blank.
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 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
1/5/2016	8197709	SW8260C	< 0.5	< 0.5	1.2	< 0.5	< 2	0.75	41	4.9	280	< 0.5	< 0.5	327.85
12/9/2016	240-73270-23	8260C	< 200	< 200	< 200	< 200	150	< 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

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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	< 1	1500	2.8	40	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	< 1	1200	4.1	3.1	1702.8
1/12/2005	A5036105	8260	< 9.5	< 16	< 19	< 9.4	< 20	< 16	700	< 13	2200	< 13	< 29	2900
4/4/2005	A5307502	8260	< 1.2	< 1	< 1	2	< 2.5	3.8	500	< 1	3700	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	18	< 4.8	4168
4/13/2006	6D14002-06	8260	< 1	< 1	< 1	< 1	< 2	1	298	< 1	946	10	4	1259
7/11/2006	6G12005-02	8260	< 1	< 1	< 1	5	3	5	1150	< 1	3150	8	5	4326
10/9/2006	6J10002-06	8260	< 1	< 1	< 1	4	< 2	6	1550	< 1	4620	3	4	6187
1/9/2007	7A10006-05	8260	< 5	< 5	< 5	< 5	39	< 5	437	< 5	1940	21	< 10	2437
4/3/2007	7D04039-05	8260	< 1	< 1	< 1	2	< 2	3	540	< 1	2250	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	< 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	12	2910	< 10	2120	< 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	< 4	6.4	1000	< 1.6	1400	< 1.6	31	2447.4
1/15/2009	5578620	8260	< 2	< 1.6	< 2	3.2	< 4	2.7	630	< 1.6	2000	< 1.6	48	2683.9
4/13/2009	5647718	8260	< 5	< 4	< 5	4.5	< 10	< 4	730	< 4	2200	< 4	50	2984.5
7/7/2009	5718469	8260	< 10	< 8	< 10	19	< 20	15	2600	< 8	5000	< 8	17	7651
10/6/2009	5799011	8260	< 5	< 4	< 5	11	< 10	8.6	1700	< 4	5500	< 4	8	7227.6
1/25/2010	5892346	8260	< 10	< 8	< 10	< 8	< 20	< 8	1400	< 8	6300	< 8	49	7749
4/6/2010	5946901	8260	< 5	< 4	< 5	4.3	< 10	5.1	940	< 4	4300	< 4	40	5289.4
7/21/2010	6039079	8260	< 5	< 4	< 5	28	< 10	20	2500	< 4	4000	< 4	13	6561
10/12/2010	6109759	8260	< 5	< 4	< 5	8.5	< 10	6.8	1400	< 4	3100	< 4	7	4522.3
1/24/2011	6190813	8260	< 5	< 4	< 5	4.5	< 10	4.2	970	< 4	3400	< 4	22	4400.7
4/12/2011	6256722	8260	< 2	< 1.6	< 2	3	< 4	4.3	560	< 1.6	2600	1.8	< 2	3169.1
7/18/2011	6348763	8260	< 5	< 4	< 5	8.7	< 10	6.9	1300	< 4	3100	< 4	26	4441.6
10/12/2011	6435906	8260	< 5	< 4	< 5	7.2	< 10	6.9	1100	< 4	2900	< 4	< 5	4014.1
1/19/2012	6527712	8260	< 2	< 1.6	< 2	2.3	< 4	2.7	500	< 1.6	2000	< 1.6	2.3	2507.3
4/4/2012	6607030	8260	< 2	< 1.6	< 2	3	< 4	3.4	570	< 1.6	2700	< 1.6	3.9	3280.3
7/10/2012	6716080	8260	< 1	< 0.8	< 1	9.5	< 2	8.2	1400	< 0.8	2900	2.4	4.1	4324.2
10/4/2012	6814362	8260	< 1	< 0.8	< 1	3.2	< 2	2.7	510	< 0.8	760	3.2	7.5	1286.6
1/24/2013	6934231	8260	< 1	< 0.8	< 1	< 0.8	< 2	1.1	160	< 0.8	740	4.1	1.4	906.6
4/2/2013	7007578	8260	< 1	< 0.8	< 1	0.81	< 2	1.1	170	< 0.8	510	8.2	1.7	691.81
7/2/2013	7117031	8260	< 1	< 0.8	< 1	< 0.8	< 2	< 0.8	120	< 0.8	410	5.1	2.7	537.8
11/11/2013	7273098	8260	< 1	2.4	< 1	1	< 2	1.3	200	< 0.8	740	4.3	1.9	950.9
1/17/2014	7341386	8260	< 1	5.8	< 1	< 0.8	< 2	1.4	170	< 0.8	800	2.9	< 1	980.1
4/14/2014	7430458	8260	< 0.5	8.5	< 0.5	< 0.5	< 2	0.65	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
4/15/2015	7849425	8260	< 0.5	2.4	< 0.5	< 0.5	< 2	0.75	81	< 0.5	560	16	< 0.5	660.15

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

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

Well ID: PW-3

Date	Lab Sample ID	Method	Carbon tetrachloride (µg/L)	Chloroform (µg/L)	1,1-Dichloroethane (µg/L)	1,1-Dichloroethene (µg/L)	Methylene chloride (µg/L)	trans-1,2-Dichloroethene (µg/L)	cis-1,2-Dichloroethene (µg/L)	1,1,1-Trichloroethane (µg/L)	Trichloroethene (µg/L)	Tetrachloroethene (µg/L)	Vinyl chloride (µg/L)	Total
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	< 4	2.8	680	< 1	1300	1.4	1.5	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	< 10	425.7

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

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

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

Well ID: 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	<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	413.4
10/6/2009	5799007	8260	<1	<0.8	1.2	<0.8	<2	<0.8	62	6.3	480	<0.8	1.5	551
1/26/2010	5893225	8260	<1	<0.8	<1	<0.8	<2	<0.8	2.4	<0.8	29	<0.8	<1	31.4
4/7/2010	5948424	8260	<1	<0.8	<1	<0.8	<2	<0.8	3.1	<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	<4	4	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	<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	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	<0.8	23	<0.8	<1	24.8
4/4/2012	6607025	8260	<1	<0.8	<1	<0.8	<2	<0.8	3.7	<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	76.3
4/2/2013	7007577	8260	<1	<0.8	<1	<0.8	<2	<0.8	4	<0.8	41	<0.8	<1	45
7/11/2013	7125531	8260	<1	<0.8	1.2	<0.8	<2	<0.8	44	1.5	2	<0.8	3	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	23.8
1/17/2014	7341391	8260	<1	<0.8	<1	<0.8	<2	<0.8	2.3	<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	<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	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	75	975.49
12/9/2016	240-73270-22	8260C	<18	<18	6.6	<18	12	<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

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

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

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

Well ID: 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	A5819701	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	< 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

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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: 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	580	440	1400	8	21	2538.8
4/8/2013	7015034	8260	< 1	< 0.8	46	< 0.8	< 2	1.4	300	5.3	780	3.9	30	1166.6
7/11/2013	7125537	8260	< 5	< 4	18	< 4	< 10	< 4	300	< 4	580	< 4	15	913
11/12/2013	7275082	8260	< 1	< 0.8	24	3.2	< 2	3.2	640	54	530	4.5	65	1323.9
1/20/2014	7342584	8260	< 1	< 0.8	32	5	< 2	3.7	970	88	540	4.2	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	19	2.4	< 2	2.7	290	31	820	9.3	52	1226.97
4/15/2015	7849428	8260	< 0.5	0.52	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	< 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	130	1.1	140	0.59	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	< 4.0	5.6	< 4.0	93	< 4.0	50	< 4.0	2.2	153.8
5/3/2017	240-79160-6	8260C	< 10	< 10	3.5	< 10	< 10	< 10	180	< 10	300	< 10	8.6	492.1

< - 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

Appendix E

PDF Copy of Report on Disk