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August 12, 2015

Mr. Brian Sadowski
NYSDEC
Region 9
270 Michigan Avenue
Buffalo, New York 14203-2399

RE: Second Quarter 2015 Monitoring Report
Former Carborundum Facility, Village of Sanborn, Town of Wheatfield, New York
NYSDEC Site No. 932102

Dear Mr. Sadowski:

On behalf of Atlantic Richfield Company, attached is the Second Quarter 2015 Monitoring Report for the former Carborundum facility in Wheatfield, New York (Site). The report covers activities at the Site from April 1, 2015 through June 30, 2015. The quarterly monitoring data in the EQuIS format will be submitted separately.

If you have any questions, please feel free to contact me at (716) 407-4990.

Sincerely,

George W. Hermance

George W. Hermance
Project Manager

Attachment

cc: M. Teeling – ARC
M. Forcucci - NYSDOH
K. Anders – NYSDOH
E. Fulwell – NCCC
K. Scott – Metaullics
R. Locey - NYSDEC
J. Devauld – NCDOH
D.Taylor - Parsons

SECOND QUARTER 2015 MONITORING REPORT

Former Carborundum Facility
2040 Cory Drive
Village of Sanborn, Town of Wheatfield, Niagara County, New York

Prepared for:

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

Submitted by:

Atlantic Richfield Company

A BP affiliated company

201 Helios Way
Houston, TX 77079

Prepared by:

PARSONS

40 LA RIVIERE DRIVE, SUITE 350

BUFFALO, NEW YORK 14202

August 2015

Second Quarter 2015 Monitoring Report For:

GROUNDWATER REMEDIATION PROGRAM
AT THE
FORMER CARBORUNDUM FACILITY

Village of Sanborn, Town of Wheatfield, Niagara County, New York

Prepared for:

New York State Department of
Environmental Conservation
Division of Hazardous Waste Remediation

Submitted by:

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201 Helios Way
Houston, TX 77079

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40 La Riviere Drive, Suite 350
Buffalo, New York 14202
Phone: (716) 541-0730
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August 2015

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SECOND QUARTER 2015 MONITORING REPORT FOR GROUNDWATER REMEDIATION PROGRAM AT THE FORMER CARBORUNDUM FACILITY VILLAGE OF SANBORN, TOWN OF WHEATFIELD, NIAGARA COUNTY, NEW YORK

INTRODUCTION

On behalf of the Atlantic Richfield Company (ARC), Parsons conducts 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). Figure 1 shows the location of the Site. As part of the OM&M activities, quarterly groundwater sampling is conducted in January, April, July, and October. This report presents the results of the April 2015 groundwater sampling event and provides a summary of the OM&M activities completed between April 1 and June 30, 2015.

The Site is under a consent order with the New York State Department of Environmental Conservation (NYSDEC). The Record of Decision (ROD), issued in 1991, selected soil vapor extraction for soil remediation 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 solvents. The groundwater remediation system (GRS) commenced 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. Discharge compliance 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 (subsequently decommissioned by 2007). Concurrently, per discussions with NYSDEC, the 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). This reconfiguration reduced the volume of groundwater extracted, the flow through the treatment system, and focused capture of groundwater in the source area(s). This allowed deeper, less contaminated zones to be monitored for natural attenuation.

While 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. The April 2015 groundwater sampling event represents the 109th event since quarterly groundwater sampling began.

The April 2015 groundwater sampling event included static water level measurements in 59 monitoring wells and 6 recovery wells prior to the groundwater sampling event. The groundwater sampling event included purging and the collection of groundwater samples from 23 monitoring wells, six recovery wells, and a surface water sample from the Niagara Quarry in accordance with NYSDEC-approved (October 2005, amended 2009) sampling program. A sample from the vault water collection influent tank (T-002) was also collected. All samples were submitted to Eurofins/Lancaster Laboratories, Inc., a New York State Department of Health certified laboratory for volatile organic compound (VOC) analysis, and 15 of the samples were

submitted for natural attenuation parameter analysis. The locations of the sampled wells are shown in Figure 2. A summary of the groundwater analytical results from each well in the Top of Rock Zone and Zone 1 is provided in Figure 3. Zone 1 is the next deeper zone below the Top of Rock Zone in the Lockport Dolomite. Analytical results for Zones 2, 3, 4, and 5 are shown in Figure 4. Trend plots for the wells shown in Figures 3 and 4 are presented in Appendix C.

WATER LEVEL MEASUREMENTS

On April 13, 2015, water levels were measured in 56 monitoring wells and six recovery wells. The water 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 at each well. Water level elevations were calculated using the surveyed elevations of the top of well casings and the measured depth to groundwater. Table 1 provides a summary of the water level measurements. Groundwater elevation contours for the Top of Rock Zone and Zone 1 for April 2015 are shown in Figures 5 and 6. Figure 5 shows the groundwater elevation contours for the Top of Rock zone, which is the focus of the ongoing remediation. Figure 6 shows the groundwater elevation contours in Zone 1. Groundwater elevations and resultant flow patterns are consistent with the historical data. 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.

GROUNDWATER SAMPLING

The groundwater sampling event was completed between April 14 and April 22, 2015. Groundwater samples were divided 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.

Low-flow sampling methods were employed to collect groundwater samples from 15 monitoring wells for laboratory analysis of VOCs and natural attenuation parameters (see Table 5). A pneumatically operated bladder pump was placed approximately one to two feet above the well bottom. Groundwater was pumped through an in-line flow cell until groundwater quality readings for indicator parameters (pH, temperature, conductivity, redox, and dissolved oxygen) stabilized. Data collected during purging can be found on the field sampling forms in Appendix A and Table 2. After purging was completed, a groundwater sample was collected. Purge volumes varied from 2 to 17 gallons per well.

The remaining 8 monitoring wells were purged with a decontaminated pump or dedicated high density polyethylene (HDPE) bailer (see Table 2 for purging method used for each well). During purging, field parameters (pH, specific conductivity, temperature, and turbidity) were measured and recorded. The field measurements are provided in Table 3, and individual field sampling forms are included in Appendix A. Purging continued until field parameters had stabilized, between three and five well volumes of water had been purged, or the well was purged dry. After purging was completed, a groundwater sample was collected, and submitted for laboratory analysis of VOCs.

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 again

immediately after the sample collection (see Table 3). The recovery wells were analyzed for VOCs only.

All VOC samples were placed in pre-cleaned, labeled 40-ml glass vials provided by the laboratory. The sample vials did not contain preservatives. Three sample vials were collected for each analysis. The containers were visually inspected to confirm that they did not contain air bubbles.

Quality assurance/quality control (QA/QC) samples included trip blanks, field duplicates and matrix spike/matrix spike duplicates (MS/MSD). QA/QC sample sets were collected at a rate of one per sample designation group (20 samples or less). A trip blank was included with each sample cooler. Analytical results for the QA/QC samples are included in Appendix B.

LABORATORY ANALYSIS AND RESULTS

Groundwater samples collected during the April 2015 sampling event were submitted to the laboratory for VOC analysis using Method 8260B (all samples), and natural attenuation parameters (15 samples). The Method 8260B analytical reports provided results for selected halogenated VOCs. The analytical results are listed in the laboratory data reports in Appendix B, along with chain-of-custody records (COCs).

The VOC results for this round of groundwater sampling, with the exceptions discussed below, were generally consistent with historical concentrations and are summarized in Table 4. Figures 3 and 4 provide concentration vs. time plots using analytical results for the sampling events from January 2001 through April 2015. The April 2015 sampling results have been incorporated into the project water quality database. A historical data summary (January 2001 through April 2015) is provided in Appendix C.

Comments are noted below for wells where concentrations or trends varied from recent and historical monitoring data. Trend analyses for these wells are included in Appendix C.

- B-9M: The April result for PCE at B-9M returned to within the range typically observed (non-detect). The January 2015 results showed a PCE result of 9.3 ug/L. The overall trend for total VOCs in groundwater for B-9M is stable. This well will be sampled next in July 2015.

- B-13M: The April 2015 analytical results identified carbon tetrachloride which was not previously detected, and 1,1,1-trichloroethane (7.9 ug/L) and PCE (2 ug/L), with other identified compounds within the range typically identified. The overall trend for total VOCs in groundwater for B-13M is decreasing. This well will be sampled next in July 2015.

- B-17M: The April 2015 analytical results were generally consistent with historical data. PCE was detected at 23 ug/L during the April sampling and had been detected at 18 ug/L in the January 2015 sampling. However, the overall trend for total VOCs in groundwater from B-17M is decreasing. This well will be sampled again in July 2015.

- B-23M: The April 2015 analytical results, including total DCE, returned to the range historically observed at B-23M. The January 2015 analytical results identified total DCE at 142.5 ug/L. Other VOCs were consistent with historical data in the January 2015 results. The overall trend for total VOCs in groundwater from B-23M is decreasing. This well will be sampled again in July 2015.

- B-24M: The April 2015 analytical results identified PCE at 3.2 ug/L. Other VOCs were consistent with historical data. PCE had not previously been identified at this location. The overall trend for total VOCs in groundwater from B-24M is decreasing. This well will be sampled again in July 2015.

- B-39M: The April 2015 groundwater analytical results did not identify chloroform. The January 2015 analytical results identified an estimated detection of chloroform (5.4 J ug/L) which had not previously been observed. The NYSDEC Class GA AWQS for chloroform is 7 ug/L. The estimated detection (J-flag) of chloroform in B-39M, as well as several other wells during the January 2015 sampling event, may be related to the water line break at the Metaullics facility that was repaired in January 2015. Additionally, TCE, as well as other VOCs, were in the range historically observed in the April 2015 results whereas in the January 2015 sampling event, TCE was detected at 22 ug/L. The overall trend for total VOCs in groundwater from B-39M is stable. This well will be sampled again in July 2015.

- B-41M: The April 2015 results showed slightly lower DCE (8.2 ug/L) and TCE (0.98 J ug/L) compared to the January sampling event. Other VOCs were in the range historically observed. The January 2015 results showed DCE at 9.8 ug/L and TCE at 54 ug/L. This resulted in the January 2015 total VOC concentration observed in groundwater from B-41M to be 64.5 ug/L. The overall trend for total VOCs in groundwater from B-41M is stable. This well will be sampled again in July 2015.

- B-42M: The April 2015 analytical results did not detect chloroform. The January 2015 analytical results identified chloroform (1.6 ug/L), which had not previously been observed. Other compounds were within the range historically encountered. The overall trend for total VOCs in groundwater from B-42M is decreasing. This well will be sampled again in July 2015.

- B-57M: The April 2015 analytical results identified chloroform (1.8 ug/L) which had not previously been observed. Also, total DCE, which had not been identified since 2001, was detected at 21.69 ug/L. TCE was detected at 240 ug/L. This resulted in total VOCs of 263.49 ug/L. The overall trend for total VOCs in groundwater from B-57M is decreasing. This well will be sampled again in July 2015.

- PW-1: Chloroform was not detected in the April 2015 sample from PW-1. The January 2015 and October 2014 analytical results identified chloroform (3.9 ug/L and 0.63 J ug/L, respectively). Chloroform had not been detected prior to October

2014. The April 2015 analytical results also identified TCE at 5.6 ug/L. Other compounds were within the range historically encountered. The overall trend for total VOCs in groundwater from PW-1 is decreasing. This well will be sampled again in July 2015.

- PW-4: The April 2015 analytical results identified chloroform (0.7 J ug/L), which had been previously observed in July 2014 (2.9 ug/L) and January 2015 (8.6 ug/L). Other compounds were within the range historically encountered. The overall trend for total VOCs in groundwater from PW-4 is decreasing. This well will be sampled again in July 2015.

Data validation was performed on a subset of the analytical results, consistent with the validation performed on prior rounds, and as agreed to with NYSDEC. Analytical holding times, laboratory control sample recoveries, laboratory method blanks, MS/MSD precision and accuracy for designated spiked project samples, and surrogate recoveries associated with project samples, were considered acceptable. The sample data are considered usable and valid for their intended purpose.

SUMMARY OF OPERATIONS AND MAINTENANCE 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 during the quarter included:

- Responded to plant for re-starting pumps at PW-1 and PW-3 that failed to re-start after brief power interruption;
- Replaced PW-3 starter heaters;
- Replaced pump motor at PW-3;
- Troubleshot autodialer and repaired;
- Completed repairs to PLC and site PC;
- Repaired float sticking issue at Vault 3 on three occasions;
- Cleared conveyance lines at Vault 3;
- Respond to high level alarm in Vault 3;
- Removed transformer formerly used for site power feed;
- Replaced pump in PW-1;
- Disposed of filled drum of spent bag filters;
- Respond to high level alarm for influent tank;
- Repaired treatment system influent meter;
- Replaced broken pressure gauge on PW-3 header in PW-3 well house;
- Secured 120V transformer for P-2, P-3, and P-4 on remote electrical room wall;
- Repaired leak in potable water backflow preventer;

- Completed repairs to doors on electrical room and PW-1 well house; and
- The plant main power feed was lost during the first quarter of 2014. A temporary power generator was connected to the treatment system and operations resumed. Permanent repairs were completed in March and April 2015 and the generator and temporary equipment demobilized.

EFFLUENT AND PERMIT COMPLIANCE ISSUES

During the reporting period, approximately 7.47 million gallons of groundwater were recovered and treated, including water from the vaults in the Metaullics facility. Treated groundwater was discharged to Cayuga Creek under SPDES permit NY0001988. The SPDES permit authorizes discharge through March 31, 2017. The average pumping rate from the system was approximately 55.8 gallons per minute (gpm) during the reporting period. The total extracted mass of VOCs during the second quarter of 2015 was 301.5 pounds. The extracted mass was estimated using individual well pumping rates and analytical results.

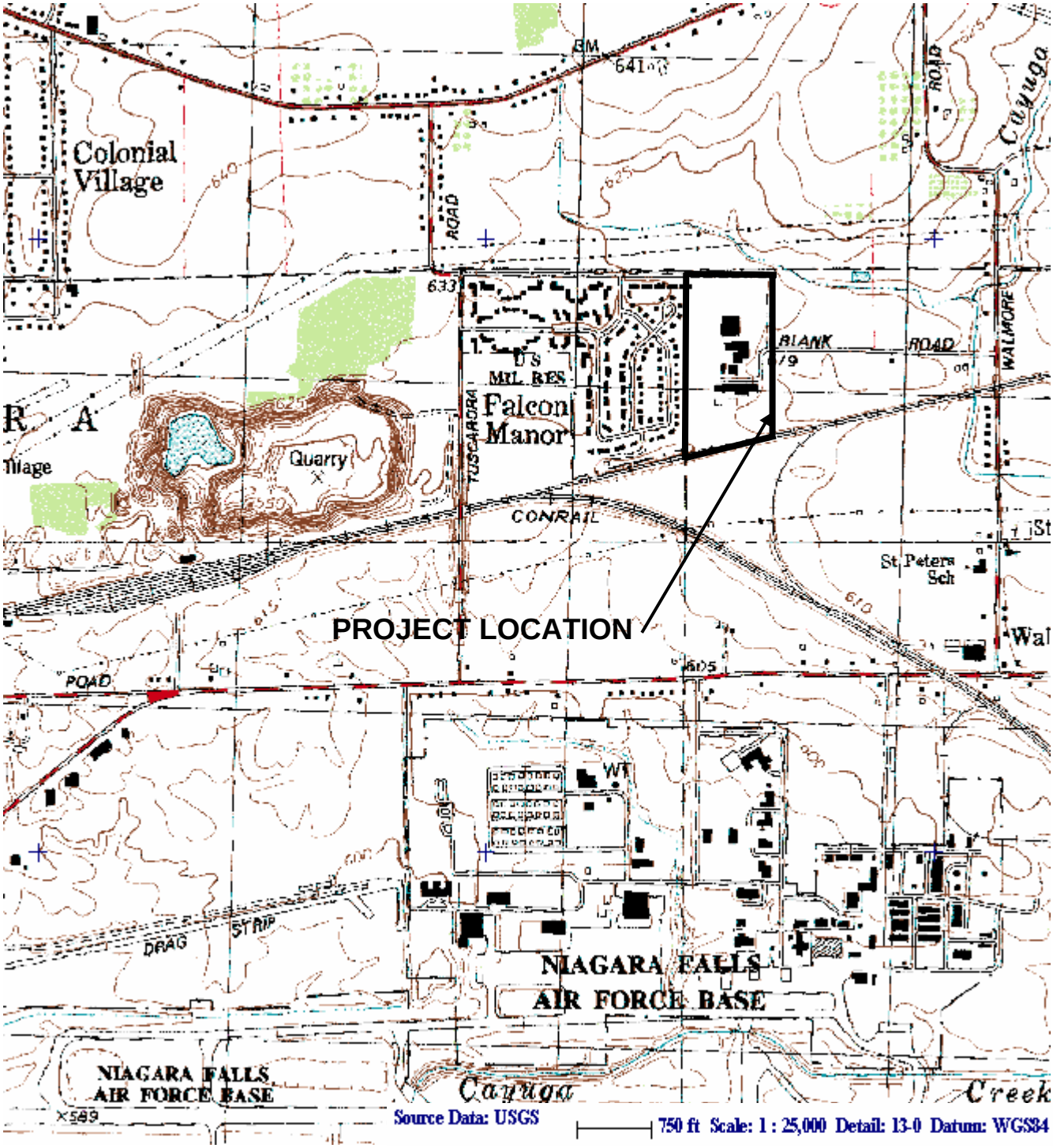
Table 6 provides the GRS performance data for the quarter. The GRS uptime (percentage of hours that the GRS was operational/total hours) for the quarter was 99.7 percent.

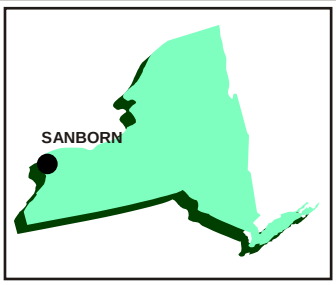
Effluent samples were collected at the outfall (OU1) inside the treatment building. Monthly discharge monitoring reports (DMRs) were provided to NYSDEC, in compliance with the SPDES permit (NY0001988). The DMRs documented the analytical results from the effluent samples. All analytical results were compliant with the SPDES permit conditions.

SUMMARY AND CONCLUSIONS

- Groundwater concentrations monitored in the second quarter of 2015 were generally consistent with recent data, with some differences observed for samples from wells B-9M, B-13M, B-17M, B-23M, B-24M, B-39M, B-41M, B-42M, B-57M, PW-1, and PW-4.
- The detections of chloroform in wells B-8, B-57, P-2, P-4, and PW-4 were potentially related to the confirmed water line leak that was repaired during the first quarter of 2015. All chloroform detections were below the NYSDEC AWQS of 7 ug/L.
- Groundwater elevations and flow paths were consistent with historical patterns.
- Based on the data review described in this report, the laboratory analytical data are considered valid for their intended use.
- Monthly DMRs were provided to NYSDEC. The discharge data were within the compliance parameters for each monthly reporting period.
- To the extent possible, the groundwater recovery and treatment system was operated continuously throughout the reporting period. Uptime of the GRS for the quarter was 99.7 percent.

FIGURES





New York
Quadrangle

LATITUDE: N43° 07' 43"
LONGITUDE: W78° 56' 18"

N

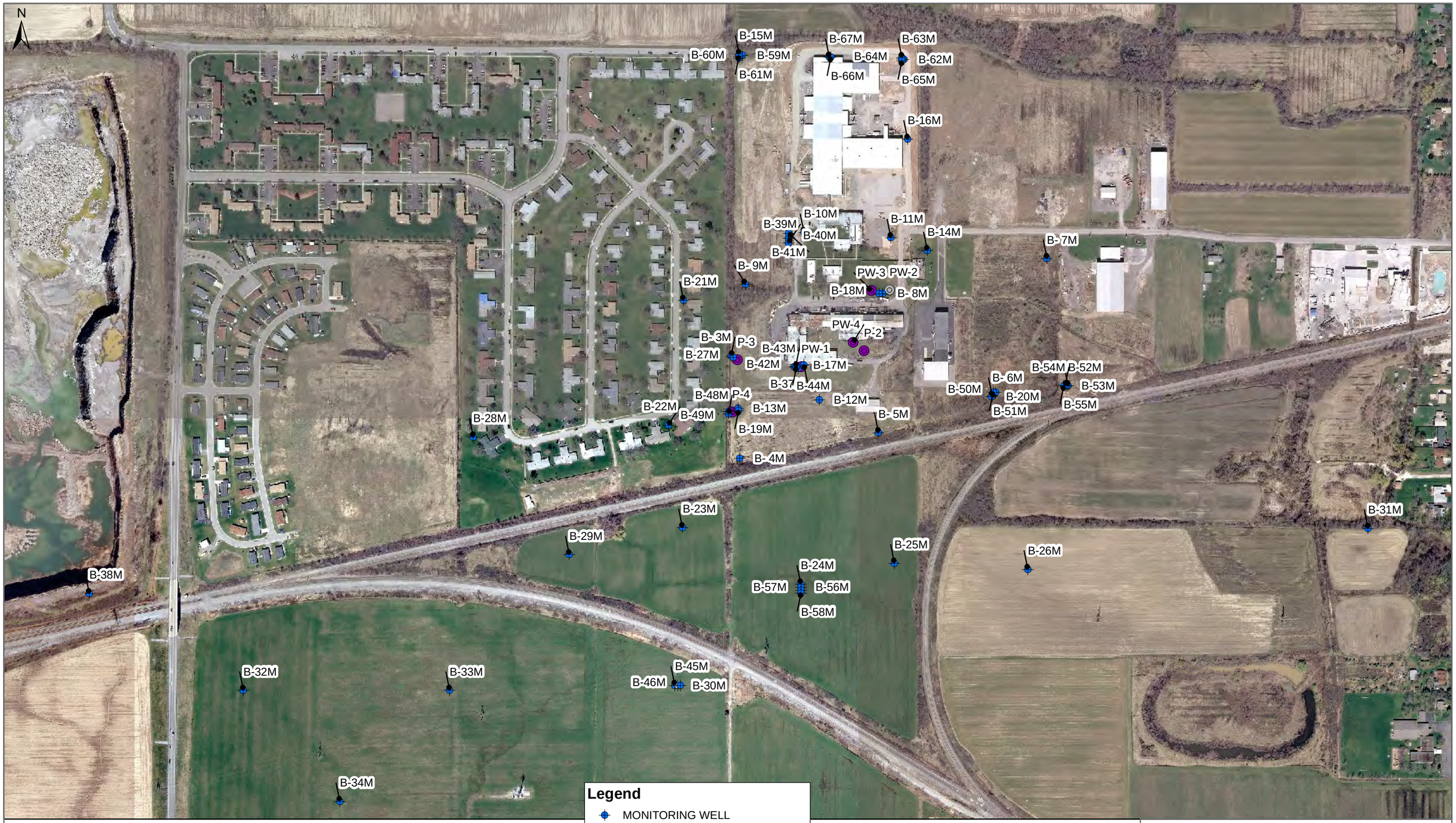
SOURCE: DeLORME 3-D
TOPOQUAD PROGRAM

FIGURE 1

ATLANTIC RICHFIELD COMPANY
FORMER CARBORUNDUM FACILITY
SANBORN, NEW YORK

PROJECT LOCATION PLAN

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



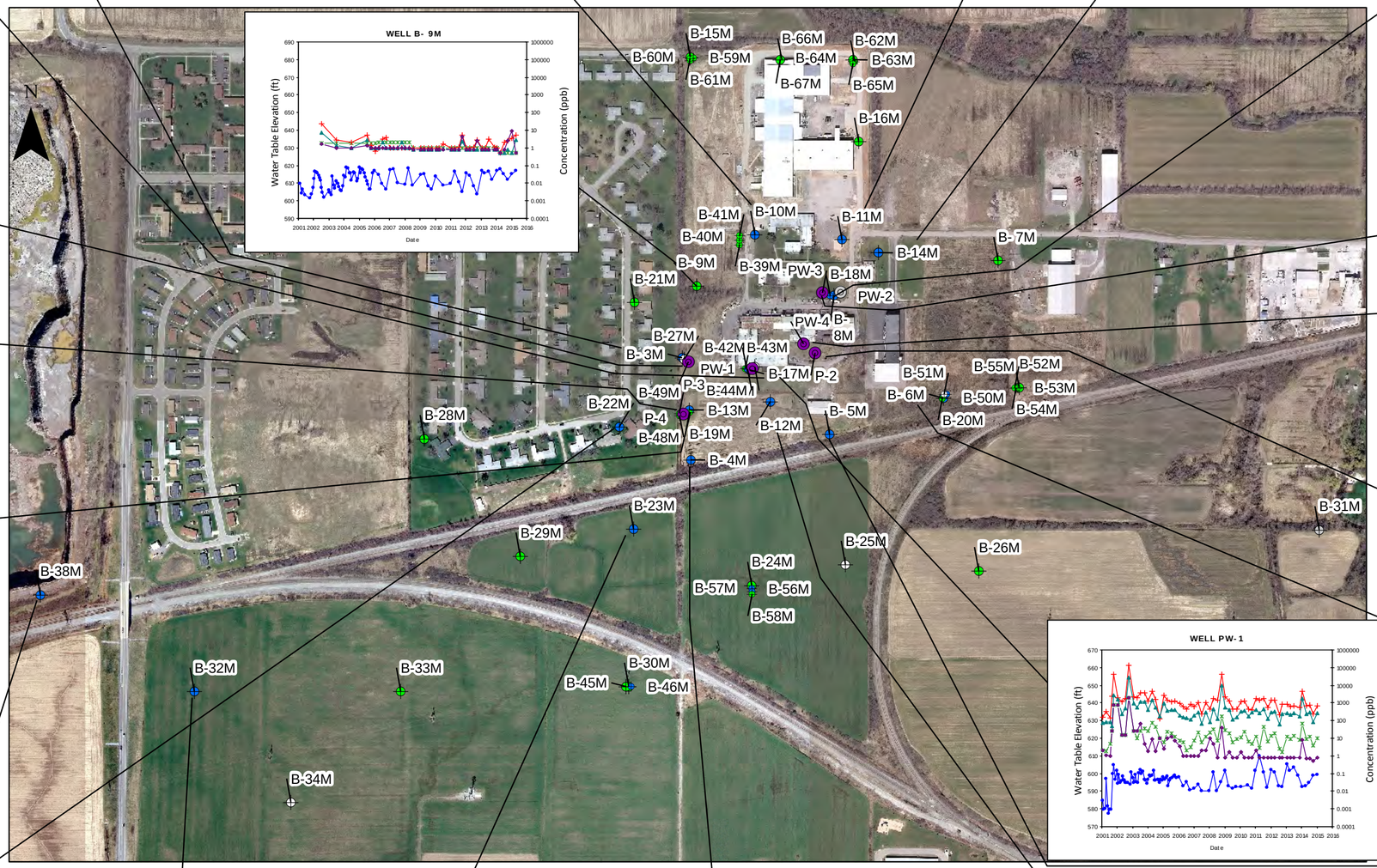
NOTE: PW-4 located through on-screen digitization, and approximately 3 feet accurate.

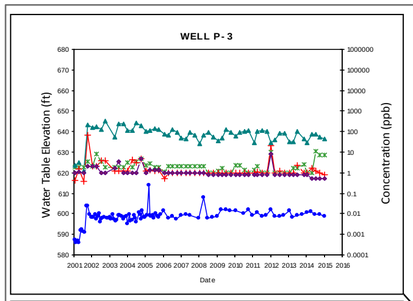
FILE NAME: P:\SANBORN\449067 SANBORN O&M 2015\CAD_GIS\FIGURE 2 - SITE PLAN 11x17.MXD

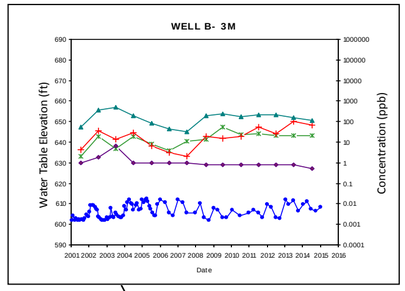
PARSONS
40 LA RIVIERE DRIVE, SUITE 350
BUFFALO, NEW YORK 14202
716-541-0730

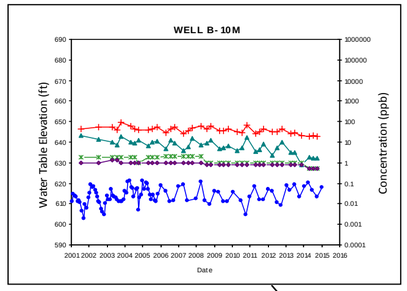
FIGURE 2

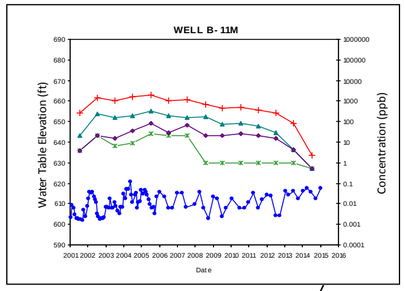
ATLANTIC RICHFIELD COMPANY
FORMER CARBORUNDUM FACILITY
SITE PLAN

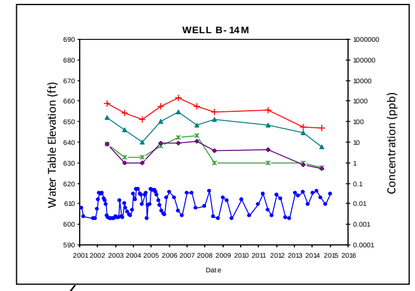


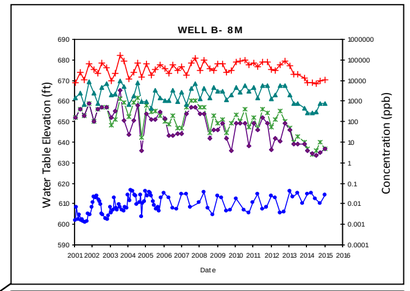


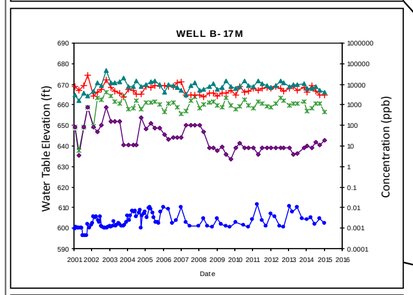


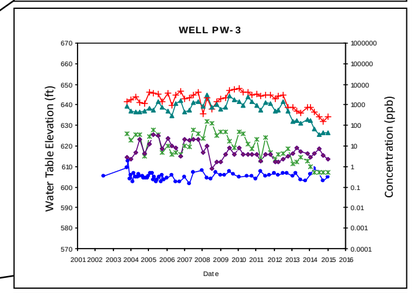


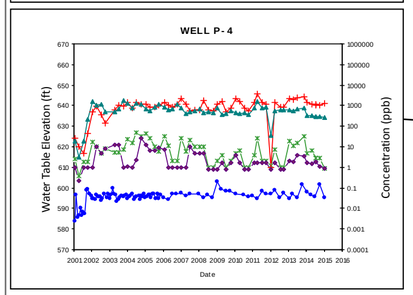


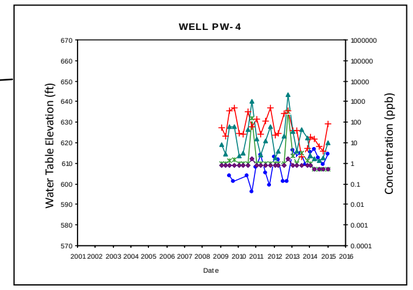


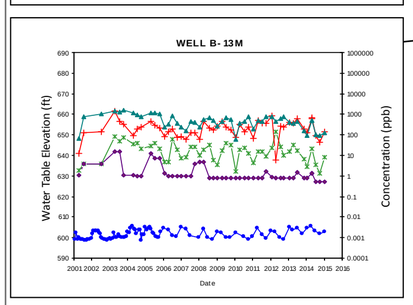


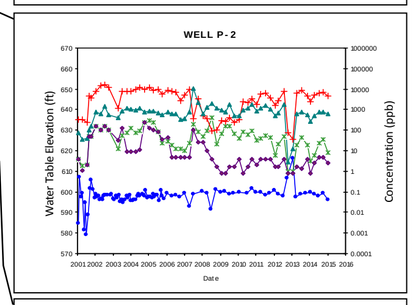


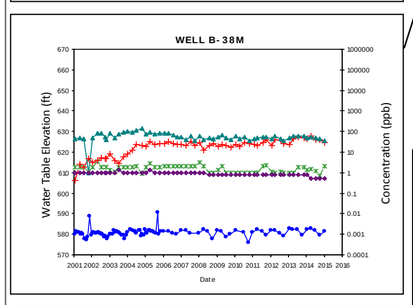


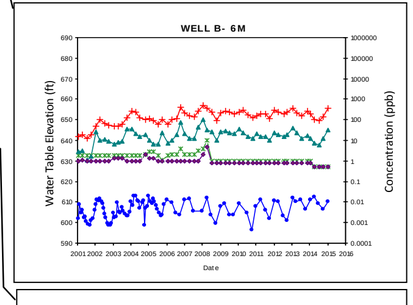


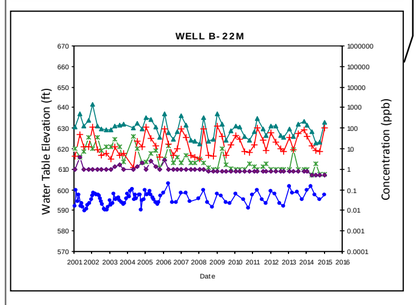


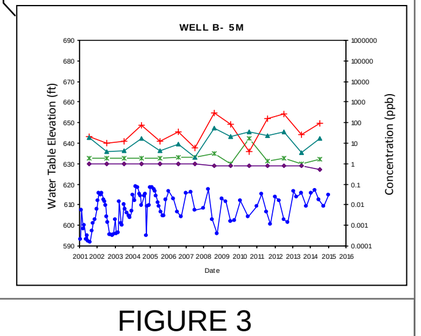


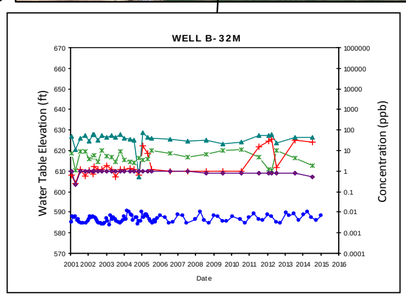


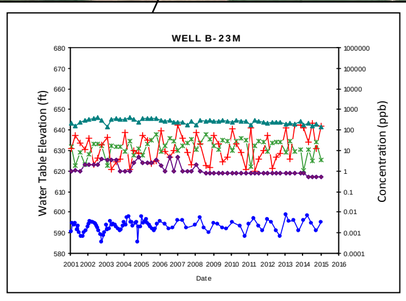


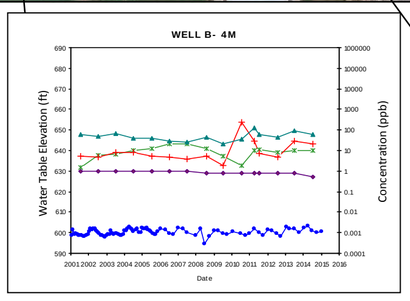


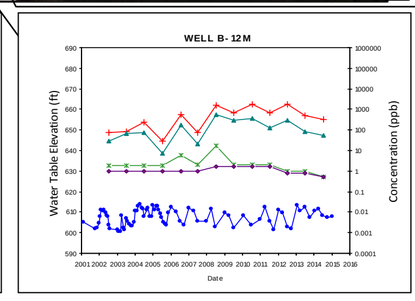












Legend

- MONITORING WELL, TOTAL VOCS >20 ug/L
- MONITORING WELL, TOTAL VOCS <20 ug/L
- MONITORING WELL, NOT SAMPLED
- MONITORING WELL, ABANDONED
- MONITORING WELL, TOTAL VOCS >20 ug/L (FIGURE 4)
- MONITORING WELL, TOTAL VOCS <20 ug/L (FIGURE 4)
- MONITORING WELL, NOT SAMPLED (FIGURE 4)
- PUMPING WELL
- PUMPING WELL, ABANDONED

Graph Legend

- WATER LEVEL
- VC
- TCE
- DCE
- PCE

0 270 540 1,080 1,620 2,160 Feet

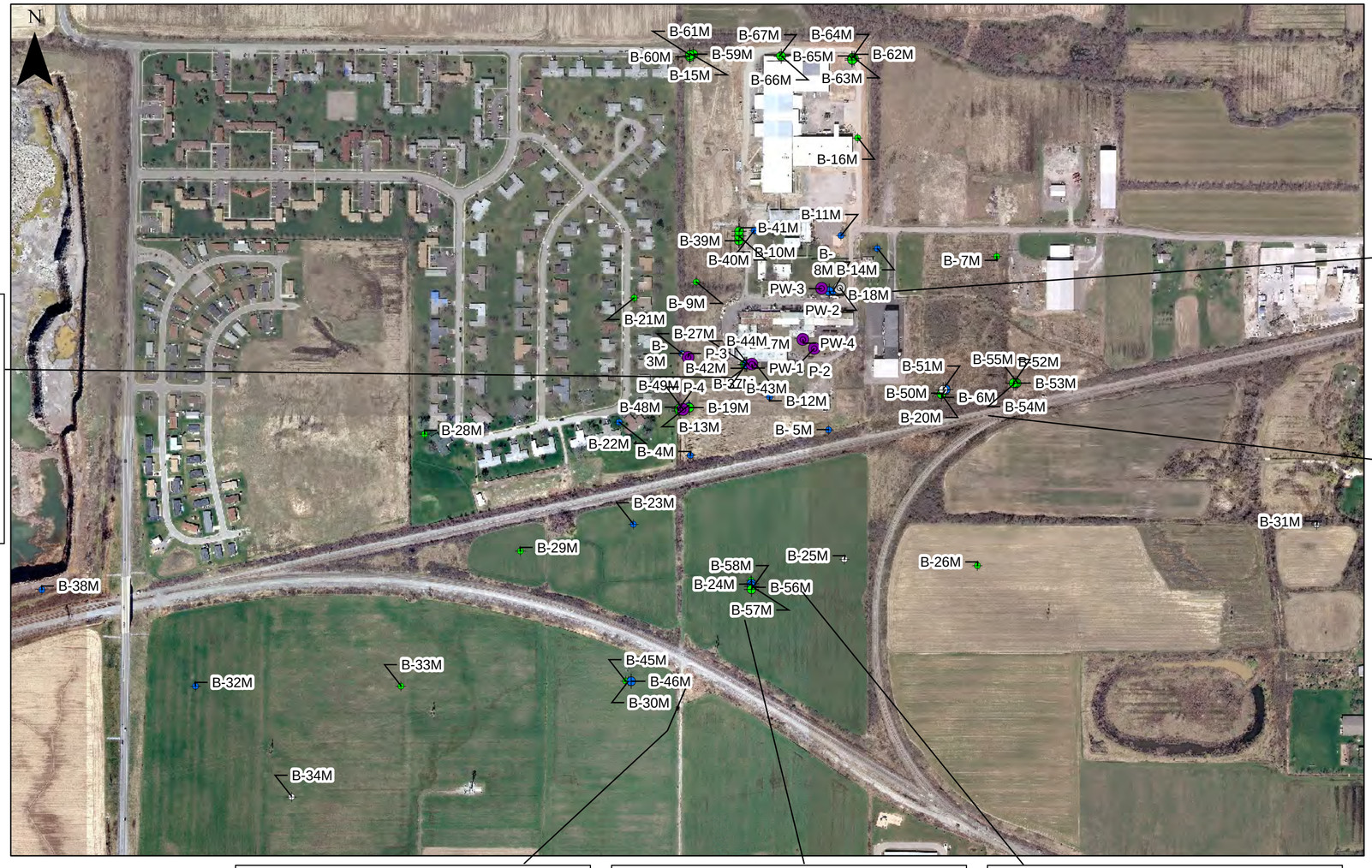
NOTE: PW-4 located through on-screen digitization, and approximately 3 feet accurate.

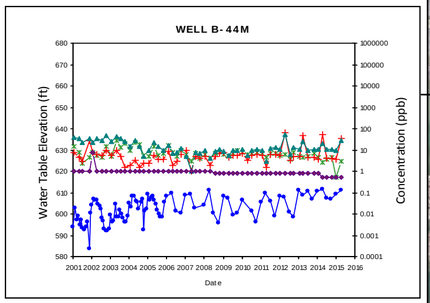
FILE NAME: P:\SANBORN\449067 SANBORN O&M 2015\CAD_GIS\Q2\FIGURE 3 - TOR-Z1 VOCs 2Q15.MXD

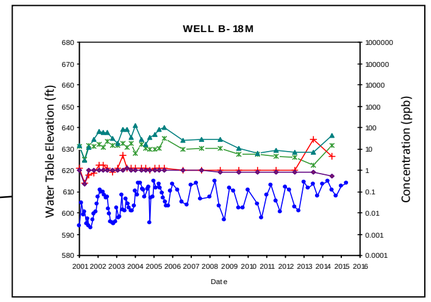
PARSONS
40 LA RIVIERE DRIVE, SUITE 350
BUFFALO, NEW YORK 14202
716-541-0730

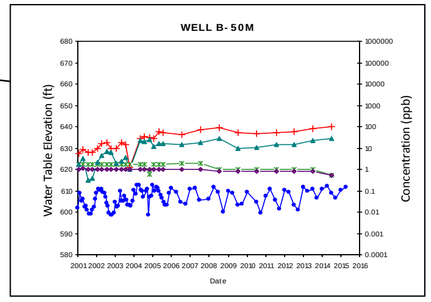
FIGURE 3

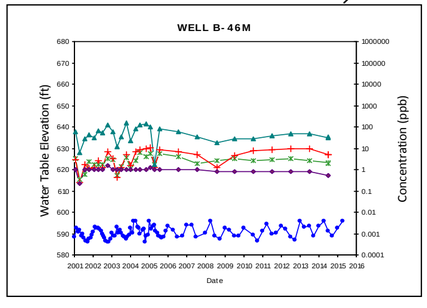
ATLANTIC RICHFIELD COMPANY
FORMER CARBORUNDUM FACILITY
SUMMARY OF VOC ANALYTICAL RESULTS IN
TOP OF ROCK AND ZONE 1
APRIL 2015 QUARTERLY SAMPLING EVENT

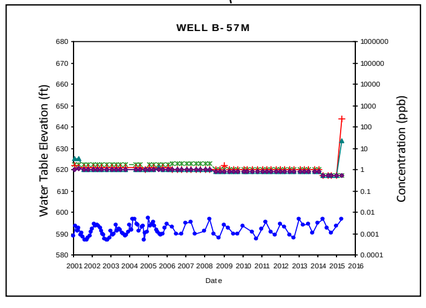


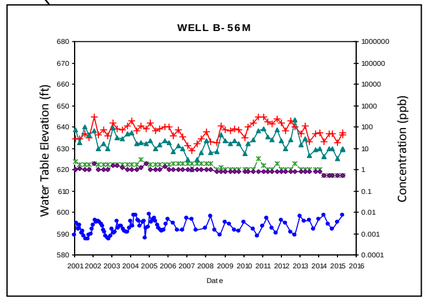












Legend

- MONITORING WELL, TOTAL VOCS >20 ug/L
- MONITORING WELL, TOTAL VOCS <20 ug/L
- MONITORING WELL, NOT SAMPLED
- MONITORING WELL, TOTAL VOCS >20 ug/L (FIGURE 3)
- MONITORING WELL, TOTAL VOCS <20 ug/L (FIGURE 3)
- MONITORING WELL, NOT SAMPLED (FIGURE 3)
- MONITORING WELL, ABANDONED
- PUMPING WELL
- PUMPING WELL, ABANDONED

Graph Legend

- WATER LEVEL
- VC
- TCE
- DCE
- PCE

0 270 540 1,080 1,620 2,160 Feet

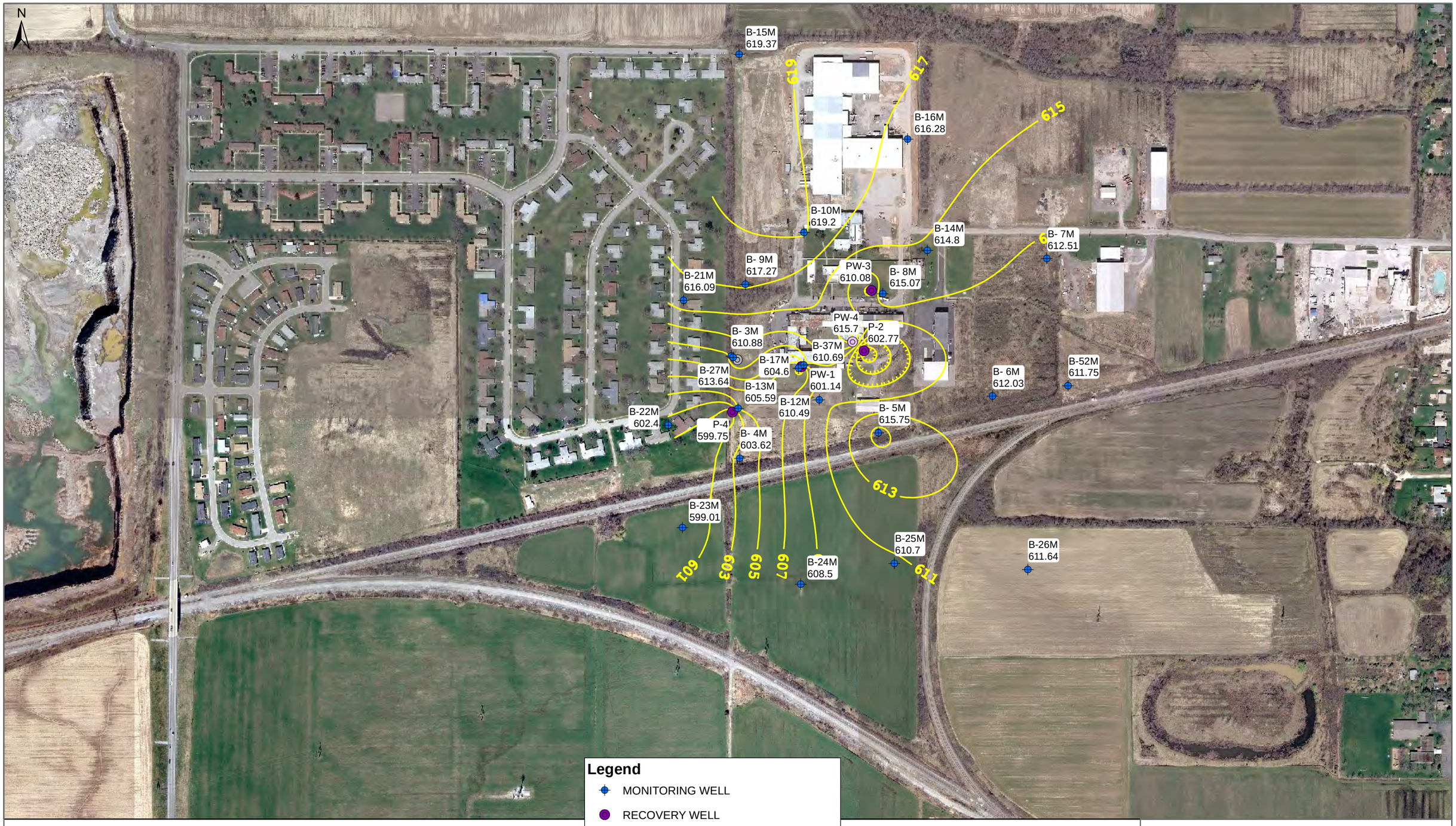
NOTE: PW-4 located through on-screen digitization, and approximately 3 feet accurate.

FILE NAME: P:\SANBORN\449067 SANBORN O&M 2015\CAD_GIS\Q2\FIGURE 4 - ZONES 2-3-4-5 VOCs 2Q15.MXD

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

FIGURE 4

ATLANTIC RICHFIELD COMPANY
FORMER CARBORUNDUM FACILITY
SUMMARY OF VOC ANALYTICAL RESULTS IN
ZONES 2, 3, 4 & 5
APRIL 2015 QUARTERLY SAMPLING EVENT



NOTE: PW-4 located through on-screen digitization, and approximately 3 feet accurate.

FILE NAME: P:\SANBORN\449067 SANBORN O&M 2015\CAD_GIS\Q2\FIGURE 5 - TOR GWE Q2.MXD

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

FIGURE 5

ATLANTIC RICHFIELD COMPANY
FORMER CARBORUNDUM FACILITY
GROUNDWATER ELEVATION
TOP OF ROCK - APRIL 13, 2015

N

B-15M 619.37
B-67M 617.36
B-63M 616.85
B-16M 616.28
B-10M 619.2
B-11M 615.51
B-21M 616.09
PW-3 610.08
B- 8M 615.07
PW-4 615.7
P-2 602.77
B-27M 613.64
PW-1 601.14
B-17M 604.6
B- 6M 612.03
B-52M 611.75
B-13M 605.59
B-28M 601.14
B-22M 602.4
P-4 599.75
B-23M 599.01
B-29M 595.4
B-26M 611.64
B-24M 608.5
B-38M 582.76
B-32M 590.05
B-33M 594.71
B-45M 596.9

618
616
614
612
610
608
606
604
602
600
598
596
594
592
590
588
586
584

Legend

- MONITORING WELL
- RECOVERY WELL
- RECOVERY WELL, NOT CONTOURED
- RECOVERY WELL, OFF
- GROUNDWATER ELEVATION CONTOUR

500 250 0 500 1,000 1,500 Feet

NOTE: PW-4 located through on-screen digitization, and approximately 3 feet accurate.

FILE NAME: P:\SANBORN\449067 SANBORN O&M 2015\CAD_GIS\Q2\FIGURE 6 - Zone1 gwe 2Q15.MXD

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

FIGURE 6

ATLANTIC RICHFIELD COMPANY
FORMER CARBORUNDUM FACILITY
GROUNDWATER ELEVATION
ZONE 1 - APRIL 13, 2015

TABLES

TABLE 1
MONTHLY GROUNDWATER ELEVATION DATA
APRIL 2015
THE FORMER CARBORUNDUM COMPANY
SANBORN, NEW YORK

Monitoring Well ID	Date	Top of Riser Elevation (ft)	Water Level (ft)	Groundwater Elevation (ft)	Remarks
P-2	04/13/15	619.67	20.14	599.53	
P-3	04/13/15	627.35	28.95	598.40	
P-4	04/13/15	624.45	28.03	596.42	
PW-1	04/13/15	619.78	18.64	601.14	
PW-3	04/13/15	618.28	11.01	607.27	
PW-4	04/13/15	620.84	5.14	615.7	
B-3M	04/13/15	625.59	14.71	610.88	
B-4M	04/13/15	622.24	18.62	603.62	needs new lock
B-5M	04/13/15	620.83	5.08	615.75	
B-6M	04/13/15	615.69	3.66	612.03	
B-7M	04/13/15	616.22	3.71	612.51	
B-8M	04/13/15	618.57	3.50	615.07	
B-9M	04/13/15	623.03	5.76	617.27	
B-10M	04/13/15	626.05	6.85	619.20	needs new lock
B-11M	04/13/15	622.81	7.30	615.51	
B-12M	04/13/15	622.17	11.68	610.49	needs new lock
B-13M	04/13/15	626.70	21.11	605.59	
B-14M	04/13/15	618.25	3.45	614.80	
B-15M	04/13/15	623.98	4.61	619.37	
B-16M	04/13/15	624.31	8.03	616.28	
B-17M	04/13/15	622.07	17.47	604.60	
B-18M	04/13/15	618.69	4.64	614.05	
B-19M	04/13/15	626.01	15.55	610.46	
B-20M	04/13/15	615.32	4.66	610.66	
B-21M	04/13/15	622.56	6.47	616.09	
B-22M	04/13/15	622.29	19.89	602.40	
B-23M	04/13/15	617.71	18.70	599.01	
B-24M	04/13/15	617.24	8.74	608.50	
B-25M	04/13/15	619.31	8.61	610.70	
B-26M	04/13/15	618.06	6.42	611.64	
B-27M	04/13/15	626.04	12.40	613.64	
B-28M	04/13/15	622.62	21.48	601.14	
B-29M	04/13/15	618.31	22.91	595.40	
B-31M	04/13/15	613.78	5.26	608.52	
B-32M	04/13/15	619.35	29.30	590.05	
B-33M	04/13/15	612.43	17.72	594.71	
B-37M	04/13/15	616.90	6.21	610.69	
B-38M	04/13/15	609.81	27.05	582.76	
B-39M	04/13/15	626.12	9.91	616.21	
B-40M	04/13/15	626.23	10.67	615.56	
B-41M	04/13/15	626.31	12.96	613.35	
B-42M	04/13/15	623.76	8.09	615.67	
B-43M	04/13/15	623.64	10.09	613.55	
B-44M	04/13/15	623.29	12.35	610.94	
B-45M	04/13/15	612.12	15.22	596.90	
B-46M	04/13/15	613.46	17.54	595.92	
B-48M	04/13/15	625.40	9.91	615.49	needs new lock
B-49M	04/13/15	625.56	20.58	604.98	needs new lock
B-50M	04/13/15	616.47	4.64	611.83	
B-51M	04/13/15	616.48	-	NA	damaged
B-52M	04/13/15	616.26	4.51	611.75	
B-53M	04/13/15	616.14	4.41	611.73	
B-54M	04/13/15	616.00	4.43	611.57	
B-55M	04/13/15	615.59	19.71	595.88	
B-56M	04/13/15	617.78	19.18	598.60	
B-57M	04/13/15	617.80	20.95	596.85	
B-58M	04/13/15	617.99	19.48	598.51	
B-59M	04/13/15	625.53	17.51	608.02	
B-60M	04/13/15	625.67	9.44	616.23	
B-61M	04/13/15	625.72	8.63	617.09	
B-62M	04/13/15	624.14	0.00	624.14	
B-63M	04/13/15	624.04	7.19	616.85	
B-64M	04/13/15	624.05	7.47	616.58	
B-65M	04/13/15	623.98	8.43	615.55	
B-66M	04/13/15	625.54	8.60	616.94	
B-67M	04/13/15	625.59	8.23	617.36	

TABLE 2
MONITORING WELL GROUNDWATER PURGING DATA
APRIL 2015 QUARTERLY SAMPLING EVENT
FORMER CARBORUNDUM COMPANY
WHEATFIELD, NEW YORK

Monitoring Well ID	Screened Zone	Date	Time	Initial Water Level (ft)	Measured Well Bottom (ft)	Water Column Hgt. (ft)	One Well Volume (gal)	Total Volume Purged (gal)	Purging Codes	Remarks
P-2	1	4/15/15	13:20							Pumping well
P-3	1	4/14/15	13:35							Pumping well
P-4	TOR, 1	4/14/15	14:10							Pumping well
PW-1	1	4/15/15	13:00							Pumping well
PW-3	TOR	4/15/15	11:20							Pumping well
PW-4	TOR, 1	4/14/15	14:30							Pumping well
B-6M	TOR, 1	4/14/15	11:30	4.23	19.15	14.92	2.54	13	4	
B-8M	TOR, 1	4/22/15	12:00	3.65	17.82	14.17	2.40	2.7	3	Ferrous Iron = 0.2 mg/l, Alkalinity as $CaCO_3$ = 320 mg/l
B-9M	1	4/14/15	13:00	6.05	21.11	15.06	2.56	13	4	
B-10M	TOR, 1	4/21/15	8:25	7.15	27.94	20.79	3.53	2	3	Ferrous Iron = 0 mg/l, Alkalinity as $CaCO_3$ = 300 mg/l
B-13M	TOR, 1	4/16/15	12:05	21.80	36.02	14.22	2.42	3.75	3	Ferrous Iron = 0.2 mg/l, Alkalinity as $CaCO_3$ = 260 mg/l
B-17M	TOR, 1	4/20/15	8:35	18.20	26.02	7.82	1.33	3	3	Ferrous Iron = 0.9 mg/l, Alkalinity as $CaCO_3$ = 240 mg/l
B-19M	3	4/16/15	13:25	16.41	26.14	9.73	1.65	3.5	3	Ferrous Iron = 0 mg/l, Alkalinity as $CaCO_3$ = 240 mg/l
B-21M	TOR, 1	4/15/15	9:20	7.08	26.46	19.38	16.50	17	4	
B-22M	TOR, 1	4/22/15	8:25	20.30	35.95	15.65	2.66	2.5	3	Ferrous Iron = 0 mg/l, Alkalinity as $CaCO_3$ = 320 mg/l
B-23M	TOR, 1	4/22/15	10:20	19.10	31.68	12.58	2.48	3	3	Ferrous Iron = 0 mg/l, Alkalinity as $CaCO_3$ = 290 mg/l
B-24M	TOR, 1	4/14/15	9:50	9.18	26.63	17.45	2.97	15	5	
B-28M	1	4/15/15	10:10	22.46	34.51	12.05	2.05	12	4	
B-38M	1, 2	4/15/15	8:25	27.20	41.42	14.22	2.42	13	4	
B-39M	2	4/21/15	12:45	10.02	44.80	34.78	5.90	4	3	Ferrous Iron = 0 mg/l, Alkalinity as $CaCO_3$ = 220 mg/l
B-40M	3	4/21/15	11:15	10.98	57.95	46.97	8.00	2.5	3	Ferrous Iron = 0 mg/l, Alkalinity as $CaCO_3$ = 200 mg/l
B-41M	4	4/21/15	9:45	13.31	72.70	59.39	10.10	2	3	Ferrous Iron = 0 mg/l, Alkalinity as $CaCO_3$ = 240 mg/l
B-42M	2	4/20/15	7:40	8.32	45.44	37.12	6.31	2.5	3	Ferrous Iron = 0 mg/l, Alkalinity as $CaCO_3$ = 260 mg/l
B-43M	3	4/20/15	11:30	10.65	52.82	42.17	7.20	3	3	Ferrous Iron = 0 mg/l, Alkalinity as $CaCO_3$ = 220 mg/l
B-44M	4	4/20/15	10:10	13.31	80.42	67.11	11.41	2	3	Ferrous Iron = 0 mg/l, Alkalinity as $CaCO_3$ = 260 mg/l
B-48M	2	4/16/15	10:25	10.70	46.88	36.18	6.15	4	3	Ferrous Iron = 0 mg/l, Alkalinity as $CaCO_3$ = 260 mg/l
B-49M	4	4/16/15	8:45	21.35	82.51	61.16	10.39	1.75	3	Ferrous Iron = 0 mg/l, Alkalinity as $CaCO_3$ = 240 mg/l
B-56M	2	4/14/15	9:15	19.79	39.62	19.83	16.90	17	5	
B-57M	2	4/14/15	8:35	21.93	50.62	28.69	4.88	12	4,5	
Quarry Pond	Surface	4/15/15	8:10							Surface water sample

Purge Codes:
1 - Sample port purged prior to sampling.
2 - Dedicated stainless steel bailer.
3 - Peristaltic pump.
4 - Disposable polyethylene bailer.
5 - Purge pump.
6 - Bladder Pump with flow through cell.

NS - Not Sampled
NA - Not Available

TABLE 3
MONITORING WELL GROUNDWATER SAMPLING DATA
APRIL 2015 QUARTERLY SAMPLING EVENT
FORMER CARBORUNDUM COMPANY
WHEATFIELD, NEW YORK

Monitoring Well ID	Screened Zone	Date	Time	pH (standard units)	Specific Conductance (uS/cm)	Temperature (deg F)	Turbidity (NTU)	Remarks
P-2	1	4/15/15	13:20	6.35	1.24	55.6	1.52	Pumping well
P-3	1	4/14/15	13:35	6.74	0.97	52.9	32.4	Pumping well
P-4	TOR, 1	4/14/15	14:10	6.75	1.02	53.6	3.6	Pumping well
PW-1	1	4/15/15	13:00	6.43	1.07	55.1	1.48	Pumping well
PW-3	TOR	4/15/15	11:20	6.45	1.90	52.5	1.29	Pumping well
PW-4	TOR, 1	4/14/15	14:30	6.49	0.78	52.9	207	Pumping well
B-6M	TOR, 1	4/14/15	11:30	6.43	1.06	48.8	223	
B-8M	TOR, 1	4/22/15	12:00	7.44	1.32	9.0	6.61	Ferrous Iron = 0.2 mg/l, Alkalinity as $CaCO_3$ = 320 mg/l
B-9M	1	4/14/15	13:00	6.09	0.35	45.1	25.4	
B-10M	TOR, 1	4/21/15	8:25	7.33	0.904	10.2	1.55	Ferrous Iron = 0 mg/l, Alkalinity as $CaCO_3$ = 300 mg/l
B-13M	TOR, 1	4/16/15	12:05	7.42	1.36	14.5	1.0	Ferrous Iron = 0.2 mg/l, Alkalinity as $CaCO_3$ = 260 mg/l
B-17M	TOR, 1	4/20/15	8:35	7.37	1.56	10.6	5.36	Ferrous Iron = 0.9 mg/l, Alkalinity as $CaCO_3$ = 240 mg/l
B-19M	3	4/16/15	13:25	7.46	1.29	16.5	0.81	Ferrous Iron = 0 mg/l, Alkalinity as $CaCO_3$ = 240 mg/l
B-21M	TOR, 1	4/15/15	9:20	6.25	1.04	52.5	55.1	
B-22M	TOR, 1	4/22/15	8:25	7.20	1.10	16.3	1.96	Ferrous Iron = 0 mg/l, Alkalinity as $CaCO_3$ = 320 mg/l
B-23M	TOR, 1	4/22/15	10:20	7.30	0.896	9.6	10.1	Ferrous Iron = 0 mg/l, Alkalinity as $CaCO_3$ = 290 mg/l
B-24M	TOR, 1	4/14/15	9:50	7.28	0.69	48.1	8.64	
B-28M	1	4/15/15	10:10	6.28	0.97	53.7	187	
B-38M	1, 2	4/15/15	8:25	6.45	1.27	49.4	12.7	
B-39M	2	4/21/15	12:45	7.36	0.734	11.3	1.39	Ferrous Iron = 0 mg/l, Alkalinity as $CaCO_3$ = 220 mg/l
B-40M	3	4/21/15	11:15	7.22	2.20	10.4	2.1	Ferrous Iron = 0 mg/l, Alkalinity as $CaCO_3$ = 200 mg/l
B-41M	4	4/21/15	9:45	7.47	0.798	11.0	2.63	Ferrous Iron = 0 mg/l, Alkalinity as $CaCO_3$ = 240 mg/l
B-42M	2	4/20/15	7:40	7.33	0.680	12.9	0.59	Ferrous Iron = 0 mg/l, Alkalinity as $CaCO_3$ = 260 mg/l
B-43M	3	4/20/15	11:30	7.92	1.41	16.1	0.98	Ferrous Iron = 0 mg/l, Alkalinity as $CaCO_3$ = 220 mg/l
B-44M	4	4/20/15	10:10	7.72	2.66	12.5	1.86	Ferrous Iron = 0 mg/l, Alkalinity as $CaCO_3$ = 260 mg/l
B-48M	2	4/16/15	10:25	7.31	0.708	11.3	2.56	Ferrous Iron = 0 mg/l, Alkalinity as $CaCO_3$ = 260 mg/l
B-49M	4	4/16/15	8:45	7.21	2.55	11.0	7.86	Ferrous Iron = 0 mg/l, Alkalinity as $CaCO_3$ = 240 mg/l
B-56M	2	4/14/15	9:15	8.18	0.91	50.1	10.2	
B-57M	2	4/14/15	8:35	7.32	1.99	49.9	6.13	
Quarry Pond	0	4/15/15	8:10	6.84	1.79	52.9	6.91	

TABLE 4
MONITORING WELL GROUNDWATER ANALYTICIAL RESULTS SUMMARY
APRIL 2015 QUARTERLY SAMPLING EVENT
FORMER CARBORUNDUM COMPANY
SANBORN, NEW YORK

Well Id	Well Zone	Lab Sample ID	Sample Date	Carbon Tetrachloride ug/l	Chloroform ug/l	1,1-Dichloroethane ug/l	1,1-Dichloroethene ug/l	Methylene chloride ug/l	trans-1,2-Dichloroethene ug/l	cis-1,2-Dichloroethene ug/l	total-1,2-Dichloroethene ug/l	1,1,1-Trichloroethane ug/l	Trichloroethene ug/l	Vinyl chloride ug/l	Tetrachloroethene ug/l
P-2	1	7849427	4/15/2015	< 0.5	0.68 J	81	28	< 2	4.5	400	404.5	480	3200	16	1 J
P-3	1	7847242	4/14/2015	< 0.5	< 0.5	< 0.5	< 0.5	< 2	3.4	45	48.4	< 0.5	< 0.5	7.9	< 0.5
P-4	TOR-1	7847241	4/14/2015	< 0.5	0.87 J	14	3.8	< 2	4.9	270	274.9	15	1300	0.87 J	1.3
PW-1	1	7849426	4/15/2015	< 1	< 1	55	15	< 4	12	1500	1512	31	4500	110	5.6
PW-3	TOR	7849425	4/15/2015	< 0.5	2.4	< 0.5	< 0.5	< 2	0.75 J	81	81.75	< 0.5	560	< 0.5	16
PW-4	TOR-1	7847240	4/14/2015	< 0.5	0.7 J	< 0.5	< 0.5	< 2	< 0.5	1.7	1.7	< 0.5	19	< 0.5	< 0.5
B- 6M	TOR-1	7847245	4/14/2015	< 0.5	< 0.5	< 0.5	< 0.5	< 2	< 0.5	10	10	< 0.5	51	< 0.5	< 0.5
B- 8M	TOR-1	7858500	4/22/2015	< 5	5.7 J	< 5	< 5	< 20	5.6 J	660	665.6	< 5	16000	12	< 5
B- 9M	TOR	7847244	4/14/2015	< 0.5	< 0.5	< 0.5	< 0.5	< 2	< 0.5	2.8	2.8	< 0.5	5.4	< 0.5	< 0.5
B-10M	TOR-1	7856502	4/21/2015	< 0.5	< 0.5	< 0.5	< 0.5	< 2	< 0.5	3	3	1.9	21	< 0.5	< 0.5
B-13M	TOR-1	7850970	4/16/2015	1.4	< 0.5	18	5.8	< 2	5.9	530	535.9	7.9	1000	14	2
B-17M	TOR-1	7856493	4/20/2015	< 0.5	< 0.5	160	54	< 2	29	4400	4429	36	3600	360	23
B-19M	3	7850971	4/16/2015	< 0.5	< 0.5	< 0.5	< 0.5	< 2	< 0.5	2.9	2.9	< 0.5	3.8	0.55 J	< 0.5
B-21M	TOR-1	7849420	4/15/2015	< 0.5	< 0.5	< 0.5	< 0.5	< 2	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
B-21M	TOR-1	7849423	4/15/2015	< 0.5	< 0.5	< 0.5	< 0.5	< 2	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
B-22M	TOR-1	7858498	4/22/2015	< 0.5	< 0.5	< 0.5	< 0.5	< 2	2.8	81	83.8	< 0.5	29	< 0.5	< 0.5
B-23M	TOR-1	7858499	4/22/2015	< 0.5	< 0.5	1.6	0.6 J	< 2	1.4	190	191.4	< 0.5	62	3.1	< 0.5
B-23M	TOR-1	7858501	4/22/2015	< 0.5	< 0.5	1.6	0.68 J	< 2	1.5	190	191.5	< 0.5	64	3.2	< 0.5
B-24M	TOR-1	7847247	4/14/2015	< 0.5	< 0.5	< 0.5	< 0.5	< 2	< 0.5	< 0.5	< 0.5	< 0.5	0.95 J	< 0.5	3.2
B-28M	1	7849424	4/15/2015	< 0.5	< 0.5	< 0.5	< 0.5	< 2	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
B-38M	1, 2	7849422	4/15/2015	< 0.5	< 0.5	0.53 J	0.81 J	< 2	0.95 J	43	43.95	< 0.5	31	2.4	< 0.5
B-39M	2	7856505	4/21/2015	< 0.5	< 0.5	< 0.5	< 0.5	< 2	< 0.5	1.4	1.4	< 0.5	5.9	< 0.5	< 0.5
B-40M	3	7856504	4/21/2015	< 0.5	< 0.5	< 0.5	< 0.5	< 2	< 0.5	3	3	< 0.5	1.9	< 0.5	< 0.5
B-41M	4	7856503	4/21/2015	< 0.5	< 0.5	< 0.5	< 0.5	< 2	< 0.5	8.2	8.2	< 0.5	0.98 J	< 0.5	< 0.5
B-42M	2	7856499	4/20/2015	< 0.5	< 0.5	< 0.5	< 0.5	< 2	0.85 J	7.9	8.75	< 0.5	6.9	< 0.5	< 0.5
B-43M	3	7856498	4/20/2015	< 0.5	< 0.5	< 0.5	< 0.5	< 2	< 0.5	7	7	< 0.5	11	< 0.5	< 0.5
B-44M	4	7856497	4/20/2015	< 0.5	< 0.5	7.9	< 0.5	< 2	0.68 J	26	26.68	< 0.5	36	2.8	< 0.5
B-48M	2	7850968	4/16/2015	< 0.5	< 0.5	< 0.5	< 0.5	< 2	< 0.5	< 0.5	< 0.5	< 0.5	1.2	< 0.5	< 0.5
B-49M	4	7850969	4/16/2015	< 0.5	< 0.5	< 0.5	< 0.5	< 2	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
B-56M	2	7847243	4/14/2015	< 0.5	< 0.5	< 0.5	< 0.5	< 2	< 0.5	10	10	< 0.5	52	< 0.5	< 0.5
B-56M	2	7847250	4/14/2015	< 0.5	< 0.5	< 0.5	< 0.5	< 2	< 0.5	8.8	8.8	< 0.5	44	< 0.5	< 0.5
B-57M	2	7847246	4/14/2015	< 0.5	1.8	< 0.5	< 0.5	< 2	0.69 J	21	21.69	< 0.5	240	< 0.5	< 0.5
Quarry Pond	NA	7849421	4/15/2015	< 0.5	< 0.5	< 0.5	< 0.5	< 2	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
T-002	NA	7849428	4/15/2015	< 0.5	0.52 J	9.1	1.7	< 2	2.5	360	362.5	11	960	22	8

TABLE 5
NATURAL ATTENUATION ANALYTICAL RESULT SUMMARY
APRIL 2015 QUARTERLY SAMPLING EVENT
FORMER CARBORUNDUM COMPANY
WHEATFIELD, NEW YORK

Compound	UNITS	B- 8M	B-10M	B-13M	B-17M	B-19M	B-22M	B-23M	B-23M Dup	B-39M	B-40M	B-41M	B-42M	B-43M	B-44M	B-48M	B-49M
BIOCHEMICAL OXYGEN DEMAND (BOD)	mg/l	<3.3	<3.7	<3.4	<4	<3.4	<3.9	<3.7	<4	<6.4	<9.1	<3.8	<6.4	<4.1	12.4	<2.5	19.7
CHLORIDE (AS CL)	mg/l	275	105	233	350	67.5	88.7	63.2	63.9	80.8	41.8	75.7	70.2	53.3	76	48	23.7
COD - CHEMICAL OXYGEN DEMAND	mg/l	19.4 J	<12.8	23.9 J	19.4 J	<12.8	<12.8	<12.8	17.1 J	<12.8	<12.8	<12.8	<12.8	<12.8	37.6 J	<12.8	62.6
DISSOLVED ORGANIC CARBON	mg/l	2	1.7	1.5	3.5	1.2	2.2	1.9	1.9	2.8	1.4	1.7	2.3	1.7	1.5	1.2	0.81 J
ETHANE	ug/l	3.8 J	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	22	<1	5
ETHENE	ug/l	2.1 J	<1	<1	4.4 J	<1	<1	<1	<1	<1	<1	<1	<1	<1	5 J	<1	<1
IRON	mg/l	0.581	0.152 J	0.112 J	0.404	0.0354 J	0.157 J	0.969	0.955	<0.0334	0.0649 J	0.35 J	<0.0334	0.0708 J	0.0515 J	0.0457 J	0.106 J
MANGANESE	mg/l	0.03	0.0013 J	0.0351	0.0537	0.0064 J	0.0038 J	0.0281	0.0284	0.0036 J	0.026	0.0124	0.0121	0.0047 J	0.0068 J	0.0188	0.0205
METHANE	ug/l	42	<3	<3	16	<3	<3	<3	<3	<3	14	<3	<3	3.4 J	29	<3	16
NITROGEN, NITRATE (AS N)	mg/l	0.76	1.8	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	1.5	<0.25	<0.25	1.4	<0.25	<0.25	1.7	<0.25
NITROGEN, NITRITE	mg/l	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25
SULFATE (AS SO4)	mg/l	74	81	201	177	473	259	164	171	89.2	1100	141	71.1	808	1490	73.1	1450

TABLE 6
SECOND QUARTER 2015
GROUNDWATER REMEDIATION SYSYTEM PERFORMANCE SUMMARY
FORMER CARBORUNDUM FACILITY
SANBORN, NEW YORK

Well	Category	Units	January 2015	February 2015	March 2015	April 2015	May 2015	June 2015
		Days	31	30	30	31	31	31
P-2								
	Uptime	(%)	99%	99%	99%	100%	99%	100%
	Average Flow	(gpm)	0.85	0.74	1.05	0.92	0.87	0.79
	Total Flow	(gal)	24338	31785	43560	42338	40333	35349
	VOC Concentration	(ppb)	5403	5403	5403	3622	3622	3622
	Total Contaminant Removed	(lbs)	1.1	1.4	2.0	1.3	1.2	1.1
	% of Total Flow		1.11%	1.40%	2.55%	1.52%	1.21%	0.98%
P-3								
	Uptime	(%)	99%	99%	99%	100%	99%	100%
	Average Flow	(gpm)	0.04	0.04	0.05	0.07	0.06	0.06
	Total Flow	(gal)	1541	1617	1896	2804	2879	2561
	VOC Concentration	(ppb)	51	51	51	56	56	56
	Total Contaminant Removed	(lbs)	0.0	0.0	0.0	0.0	0.0	0.0
	% of Total Flow		0.07%	0.07%	0.11%	0.10%	0.09%	0.07%
P-4								
	Uptime	(%)	99%	99%	99%	100%	99%	100%
	Average Flow	(gpm)	1.12	1.08	1.36	1.71	1.70	1.61
	Total Flow	(gal)	44276	44023	50241	69845	76489	70134
	VOC Concentration	(ppb)	1577	1577	1577	1577	1577	1577
	Total Contaminant Removed	(lbs)	0.6	0.6	0.7	0.9	1.0	0.9
	% of Total Flow		2.02%	1.94%	2.94%	2.51%	2.29%	1.94%
PW-1								
	Uptime	(%)	99%	93%	95%	100%	99%	100%
	Average Flow	(gpm)	42.22	46.62	44.63	74.30	67.52	90.97
	Total Flow	(gal)	1886401	1961335	1514593	2511777	3072088	3364775
	VOC Concentration	(ppb)	953	953	953	6128	6128	6128
	Total Contaminant Removed	(lbs)	15.0	15.6	12.0	128.4	157.1	172.0
	% of Total Flow		86.16%	86.29%	88.67%	90.16%	91.98%	93.01%
PW-3								
	Uptime	(%)	99%	93%	87%	100%	99%	100%
	Average Flow	(gpm)	5.73	5.21	2.25	2.93	2.91	2.75
	Total Flow	(gal)	204901	224619	63848	119713	130785	119914
	VOC Concentration	(ppb)	305	305	305	658	658	658
	Total Contaminant Removed	(lbs)	0.5	0.6	0.2	0.7	0.7	0.7
	% of Total Flow		9.36%	9.88%	3.74%	4.30%	3.92%	3.31%
Vaults								
	Uptime	(%)	100%	100%	100%	100%	100%	100%
	Average Flow	(gpm)	0.63	0.24	0.76	0.91	0.39	0.58
	Total Flow	(gal)	28000	9625	34080	39432	17464	24885
	VOC Concentration	(ppb)	1174	1174	1174	1353	1353	1353
	Total Contaminant Removed	(lbs)	0.3	0.1	0.3	0.4	0.2	0.3
	% of Total Flow		1.28%	0.42%	2.00%	1.42%	0.52%	0.69%
GRS Total								
	Uptime	(%)	100%	97%	97%	100%	99%	100%
	Average Flow	(gpm)	34.45	34.76	36.75	57.74	59.39	59.49
	Total Flow-Mechanical Effluent Met	(gal)	1537740	1401640	1640600	2158098	2684760	2624996
	VOCs to Influent	(ppm)	483	517	510	4632	4215	5646
	Total Contaminant Removed	(lbs)	6.2	6.0	7.0	83.4	94.4	123.7

Notes:
1. For the period of 1/01/15 to 6/30/15.
2. Uptime estimated and reflects potential uptime.
3. Flow rates are estimated throughout the period due to meter malfunctions.
4. Total contaminant removal from each well is calculated using the flow through the meter at the well head.
5. VOC Concentration (in agiven well) equals the sum of the compounds cis-1,2-DCE, trans-1,2-DCE, TCE, and PCE.
6. Total flow measured at the well heads may differ from total flow through the effluent meter.

APPENDIX A

MONITORING WELL SAMPLING FIELD FORMS

O&M Enterprises, Inc.
MONITORING WELL SAMPLING FIELD FORM
BP, Sanborn, NY

Monitoring Well I.D.: B-6M	Date: 4/14/15	Time Started: 1130	Field Personnel: RC Becken
Weather Conditions: sunny nice			
Comments:			

Initial Readings

Measured Well Bottom (TOR - ft) 19.15	Riser Pipe Diameter (in) 2 in.			
Measured Water Level (TOR - ft) 4.23	Conversion Factor (gal/lineal ft)	1.25" = 0.08	2" = 0.17	3" = 0.38
Calculated Water Column Height (ft) 14.92	(Circle One)	4" = 0.66	6" = 1.50	8" = 2.60
One Well Volume (gals.) 2.54	FiveWell Volumes (gals.) 12.7			
Notes:				

Well Conditions

Well Riser Type (Circle one): Stainless Steel (Carbon Steel) PVC

Casing Condition:	(OK)	Repair Required:
Cap Condition:	(OK)	Repair Required:
Paint Condition:	(OK)	Repair Required:
Lock Condition:	(OK)	Repair Required:
Inner Casing Condition:	(OK)	Repair Required:
Surface Seal Condition:	(OK)	Repair Required:

Other:

Purge Information

Purging Method (Circle one): Stainless Steel Bailer | Peristaltic Pump | Sample Port (Pumping Wells Only)
Teflon Bailer | (Polyethylene Bailer) | Other:

Well Volume	Gallons Purged (gal)	Temperature (deg C)	Specific Conductivity (mS/cm)	Turbidity (NTU's)	Comments
2.54	~2.5	51.0	1.84	1000+	
	~5	48.4	1.31	1000+	
	~7.5	48.7	1.13	309	
	~10	48.4	1.17	129	

Comments: Amount purged 13 gal

Sampling Information

Date: 4/14/15	Time Sampled: 1220	Field Personnel: R C Becken	
Measured Water Level (TOR ft.): 17.91			

Sampling Method (Circle one): Stainless Steel Bailer | Peristaltic Pump | Sample Port (Pumping Wells Only)
Teflon Bailer | (Polyethylene Bailer) | Other:

Sample I.D	Temperature (deg C)	pH (S.U.)	Specific Conductivity (mS/cm)	Turbidity (NTU's)	Comments
B-6M	48.8	6.43	1.06	223	

QA/QC Samples Taken:
Comments:

Signature

Sampler (Print): Richard C. Becken	*Sampler (signature):* Richard C Becken	Date: 4/14/15

LOW-FLOW SAMPLING FIELD FORM
O&M ENTERPRISES, Inc.
BP, Sanborn, NY

Monitoring Well I.D.: B-8 M Date: 4/22/15 Time Started: 1200 Field Personnel: RCB

Weather Conditions: overcast windy cool Time Ended: 1305

Comments:

Initial Readings

Measured Well Bottom (TOR-ft) 17.82 Riser Pipe Diameter (in.) 2

Measured Water Level (TOR-ft) 3.65 One Well Volume (gal.) 2.4

Notes:

Well Condition

Well Riser Type		Stainless Steel		Carbon Steel	PVC
Casing Condition:	OK		Repair Required:		
Cap Condition:	OK		Repair Required:		
Paint Condition:	OK		Repair Required:		
Lock Condition:	OK		Repair Required:		
Inner Casing Condition:	OK		Repair Required:		
Surface Seal Condition:	OK		Repair Required:		
Other:	OK		Repair Required:		

Purge Information

Purging Method: Place an X in one box	Stainless Steel Bailer	Peristaltic Pump X	Grundfos Pump	Teflon Bailer
	Polyethylene Bailer	Bladder Pump	Other:	

Amount Purged: Flow Rate (mL per minute: ~220 ml/min

Water Level after Purging (TOR ft) 3.86

Comments:

Sampling Information

Date: 4/22/15 Time Sampled: 1300 Field Personnel: R C Becken

Measured Water Level (TOR ft) 3.86

Sampling Method place an X in box		Stainless Steel Bailer		Peristaltic Pump X		Grundfos Pump		Teflon Bailer
		Polyethylene Bailer		Bladder Pump		Other:		
Time Elapsed min.	Temperature	pH	Conductivity	Dissolved Oxygen	Redox	Water Level	Turbidity	Flow Rate
10	9.09	7.44	1.36	3.81	-29	3.54	52.1	~245 ml/min
15	9.09	7.45	1.35	2.42	-13	3.56	25.6	~220 ml/min
20	8.92	7.46	1.34	0.0	-10	3.86	22.4	
25	9.03	7.44	1.34	0.0	0	3.86	11.0	
30	9.03	7.44	1.32	0.0	0	3.86	11.6	
35	8.94	7.44	1.32	0.0	4	3.86	7.73	
40	8.95	7.44	1.32	0.0	10	3.86	6.61	

QA/QC Samples Taken:

Comments: Ferrous Iron = 0.2 mg/L Alkalinity as $CaCO_3$ = 220 mg/L

Signature

Sampler (Print)	Sampler (signature):	
Richard C. Becken	Richard C Becken	Date: 4/22/15

O&M Enterprises, Inc
MONITORING WELL SAMPLING FIELD FORM
BP, Sanborn, NY

Monitoring Well I.D.: B-9M	Date: 4/14/15	Time Started: 1350	Field Personnel: RC Becken
Weather Conditions: Sunny Hot			
Comments:			

Initial Readings

Measured Well Bottom (TOR - ft) 21.11	Riser Pipe Diameter (in) 2 in.			
Measured Water Level (TOR - ft) 6.05	Conversion Factor (gal/lineal ft)	1.25" = 0.08	2" = 0.17	3" = 0.38
Calculated Water Column Height (ft) 15.06	(Circle One)	4" = 0.66	6" = 1.50	8" = 2.60
One Well Volume (gals.) 2.56	FiveWell Volumes (gals.) 12.8			
Notes:				

Well Conditions

Well Riser Type (Circle one): Stainless Steel Carbon Steel PVC

Casing Condition:	OK	Repair Required:
Cap Condition:	OK	Repair Required:
Paint Condition:	OK	Repair Required:
Lock Condition:	OK	Repair Required:
Inner Casing Condition:	OK	Repair Required:
Surface Seal Condition:	OK	Repair Required:

Other:

Purge Information

Purging Method (Circle one): Stainless Steel Bailer Peristaltic Pump Sample Port (Pumping Wells Only)
Teflon Bailer Polyethylene Bailer Other:

Well Volume	Gallons Purged (gal)	Temperature (deg C)	Specific Conductivity (mS/cm)	Turbidity (NTU's)	Comments
2.56	2.6	50.0	0.40	38.8	
	5.2	45.8	0.36	35.7	
	7.8	44.9	0.36	31.7	
	11.4	45.0	0.35	25.3	

Comments: Amount purged 13 gal

Sampling Information

Date: 4/14/15	Time Sampled: 1325	Field Personnel:	R C Becken
Measured Water Level (TOR ft.): 5.13			

Sampling Method (Circle one): Stainless Steel Bailer Peristaltic Pump Sample Port (Pumping Wells Only)
Teflon Bailer Polyethylene Bailer Other:

Sample I.D.	Temperature (deg C)	pH (S.U.)	Specific Conductivity (mS/cm)	Turbidity (NTU's)	Comments
B-9M	45.1	6.09	0.35	25.4	

QA/QC Samples Taken:

Comments:

Signature

Sampler (Print): Richard C. Becken	Sampler (signature): Richard C Becken	Date: 4/14/15

LOW-FLOW SAMPLING FIELD FORM
O&M ENTERPRISES, Inc.
BP, Sanborn, NY

Monitoring Well I.D.: B-10M Date: 4/21/15 Time Started: 0825 Field Personnel: RCB

Weather Conditions: Overcast windy Time Ended: 0940

Comments:

Initial Readings

Measured Well Bottom (TOR-ft) 27.94 Riser Pipe Diameter (in.) 2

Measured Water Level (TOR-ft) 7.15 One Well Volume (gal.) 3.53

Notes:

Well Condition

Well Riser Type		Stainless Steel		Carbon Steel	PVC
Casing Condition:	OK		Repair Required:		
Cap Condition:	OK		Repair Required:		
Paint Condition:	OK		Repair Required:		
Lock Condition:	OK		Repair Required:		
Inner Casing Condition:	OK		Repair Required:		
Surface Seal Condition:	OK		Repair Required:		
Other:	OK		Repair Required:		

Purge Information

Purging Method:	Stainless Steel Bailer	Peristaltic Pump X	Grundfos Pump	Teflon Bailer
Place an X in one box	Polyethylene Bailer	Bladder Pump	Other:	
Amount Purged: ~2.5gal		Flow Rate (mL per minute: ~150 ml/min		
Water Level after Purging (TOR ft.) 7.19				
Comments:				

Sampling Information

Date: 4/21/15 Time Sampled: 0935 Field Personnel: R C Becken

Measured Water Level (TOR ft) 7.19

Sampling Method place an X in box		Stainless Steel Bailer		Peristaltic Pump X		Grundfos Pump		Teflon Bailer
		Polyethylene Bailer		Bladder Pump		Other:		
Time Elapsed min	Temperature	pH	Conductivity	Dissolved Oxygen	Redox	Water Level	Turbidity	Flow Rate
10	12.32	6.87	0.813	1.28	80	7.16	10.3	~150 ml/min
15	11.71	7.09	0.840	0.46	72	7.16	15.0	
20	10.93	7.20	0.861	0.18	73	7.17	14.1	
25	10.34	7.29	0.883	0.0	82	7.17	4.34	
30	10.09	7.32	0.893	0.0	85	7.17	3.30	
35	9.94	7.32	0.899	0.0	83	7.17	2.11	
40	9.86	7.32	0.906	2.75	91	7.18	2.10	
45	9.81	7.33	0.910	2.21	90	7.18	1.90	
50	10.12	7.33	0.902	2.20	92	7.18	2.05	
55	10.17	7.33	0.904	2.18	94	7.19	1.55	

QA/QC Samples Taken:

Comments: Ferrous Iron = 0 mg/L Alkalinity as $CaCO_3$ = 306 mg/L

Signature

Sampler (Print)	Sampler (signature):	
Richard C. Becken	Richard C Becken	Date: 4/21/15

LOW-FLOW SAMPLING FIELD FORM
O&M ENTERPRISES, Inc.
BP, Sanborn, NY

Monitoring Well I.D.: B-13M	Date: 4/16/15	Time Started: 1205	Field Personnel: RCB
Weather Conditions: nice sunny warm		Time Ended: 1320	
Comments:			

Initial Readings

Measured Well Bottom (TOR-ft)	36.02	Riser Pipe Diameter (in.)	2
Measured Water Level (TOR-ft)	21.8	One Well Volume (gal.)	2.42
Notes:			

Well Condition

Well Riser Type		Stainless Steel		Carbon Steel	PVC
Casing Condition:	OK		Repair Required:		
Cap Condition:	OK		Repair Required:		
Paint Condition:	OK		Repair Required:		
Lock Condition:	OK		Repair Required:		
Inner Casing Condition:	OK		Repair Required:		
Surface Seal Condition:	OK		Repair Required:		
Other:	OK		Repair Required:		

Purge Information

Purging Method:	Stainless Steel Bailer	Peristaltic Pump X	Grundfos Pump	Teflon Bailer
Place an X in one box	Polyethylene Bailer	Bladder Pump	Other:	
Amount Purged: ~3.75 gal		Flow Rate (mL per minute: ~220 ml/min		
Water Level after Purging (TOR ft.) 21.79				
Comments:				

Sampling Information

Date: 4/16/15	Time Sampled: 1315	Field Personnel:	R C Becken
Measured Water Level (TOR ft) 21.79			

Sampling Method	Stainless Steel Bailer	Peristaltic Pump X	Grundfos Pump	Teflon Bailer
place an X in box	Polyethylene Bailer	Bladder Pump	Other:	

Time Elapsed min.	Temperature	pH	Conductivity	Dissolved Oxygen	Redox	Water Level	Turbidity	Flow Rate
5	14.62	7.18	2.23	0.0	-247	21.8	9.93	~220 ml/min
10	14.45	7.15	2.23	0.0	-275	21.8	10.1	
15	14.52	7.17	2.04	0.0	-269	21.8	9.59	
20	14.66	7.29	1.57	0.0	-239	21.8	6.89	
25	14.65	7.39	1.38	0.0	-228	21.8	3.81	
30	14.73	7.40	1.35	0.0	-226	21.79	2.52	
35	14.69	7.41	1.35	0.0	-225	21.79	1.81	
40	14.61	7.42	1.37	0.0	-225	21.79	1.24	
45	14.70	7.42	1.37	0.0	-224	21.79	1.27	
50	14.71	7.42	1.36	0.0	-222	21.79	1.20	
55	14.42	7.42	1.36	0.0	-221	21.79	1.43	
60	14.45	7.42	1.36	0.0	-220	21.79	1.0	

QA/QC Samples Taken:

Comments: Ferrous Iron = 0.2 mg/L Alkalinity as $CaCO_3$ = 260 mg/L

Signature

Sampler (Print)	Sampler (signature):	
Richard C. Becken	Richard C Becken	Date: 4/16/15

LOW-FLOW SAMPLING FIELD FORM
O&M ENTERPRISES, Inc.
BP, Sanborn, NY

Monitoring Well I.D.: 16-17 m Date: 4/20/15 Time Started: 0835 Field Personnel: RCB

Weather Conditions: overcast rain Time Ended: 1005

Comments:

Initial Readings

Measured Well Bottom (TOR-ft) 26.62 Riser Pipe Diameter (in.) 2

Measured Water Level (TOR-ft) 18.2 One Well Volume (gal.) 1.33

Notes:

Well Condition

Well Riser Type		Stainless Steel	Carbon Steel	PVC	
Casing Condition:		OK	Repair Required:		
Cap Condition:		OK	Repair Required:		
Paint Condition:		OK	Repair Required:		
Lock Condition:		OK	Repair Required:		
Inner Casing Condition:		OK	Repair Required:		
Surface Seal Condition:		OK	Repair Required:		
Other:		OK	Repair Required:		

Purge Information

Purging Method:	Stainless Steel Bailer	Peristaltic Pump X	Grundfos Pump	Teflon Bailer
Place an X in one box	Polyethylene Bailer	Bladder Pump	Other:	
Amount Purged: ~3 gal		Flow Rate (mL per minute: ~110 ml/min		
Water Level after Purging (TOR ft.) 18.29				
Comments:				

Sampling Information

Date: 4/20/15 Time Sampled: 0950 Field Personnel: R C Becken

Measured Water Level (TOR ft) 18.29

Sampling Method place an X in box	Stainless Steel Bailer	Peristaltic Pump X	Grundfos Pump	Teflon Bailer
	Polyethylene Bailer	Bladder Pump	Other:	

Time Elapsed min.	Temperature	pH	Conductivity	Dissolved Oxygen	Redox	Water Level	Turbidity	Flow Rate
15	11.29	7.09	1.39	8.01	-197	18.3	164	90 ml/min
20	10.65	7.19	1.14	8.45	-172	18.3	123	110 ml/min
25	10.52	7.22	1.26	2.50	-173	18.3	65.7	
30	10.54	7.35	1.45	5.06	-171	18.3	19.7	
35	10.51	7.35	1.57	5.16	-174	18.3	6.93	
40	10.51	7.36	1.56	1.39	-172	18.3	5.7	
45	10.50	7.37	1.55	1.54	-171	18.3	6.14	
50	10.50	7.37	1.56	0.0	-170	18.29	5.2	
55	10.52	7.37	1.56	6.8	-170	18.29	4.91	
60	10.55	7.37	1.57	6.8	-169	18.29	5.36	

QA/QC Samples Taken: MS + MSD

Comments: Ferrous Iron = 0.9 mg/L Alkalinity as $CaCO_3$ = 240 mg/L

Signature

Sampler (Print)	Sampler (signature):	
Richard C. Becken	Richard C Becken	Date: 4/20/15

LOW-FLOW SAMPLING FIELD FORM
O&M ENTERPRISES, Inc.
BP, Sanborn, NY

Monitoring Well I.D.: B-19 m Date: 4/16/15 Time Started: 1325 Field Personnel: RCB

Weather Conditions: clear sunny warm Time Ended:

Comments:

Initial Readings

Measured Well Bottom (TOR-ft) 26.14 Riser Pipe Diameter (in.) 2

Measured Water Level (TOR-ft) 16.41 One Well Volume (gal.) 1.65 gal

Notes:

Well Condition

Well Riser Type		Stainless Steel	Carbon Steel	PVC	
Casing Condition:		OK	Repair Required:		
Cap Condition:		OK	Repair Required:		
Paint Condition:		OK	Repair Required:		
Lock Condition:		OK	Repair Required:		
Inner Casing Condition:		OK	Repair Required:		
Surface Seal Condition:		OK	Repair Required:		
Other:		OK	Repair Required:		

Purge Information

Purging Method:	Stainless Steel Bailer	Peristaltic Pump X	Grundfos Pump	Teflon Bailer
Place an X in one box	Polyethylene Bailer	Bladder Pump	Other:	
Amount Purged: 3.5 gal		Flow Rate (mL per minute:		
Water Level after Purging (TOR ft.) 16.55				
Comments:				

Sampling Information

Date: 4/16/15 Time Sampled: 1445 Field Personnel: R C Becken

Measured Water Level (TOR ft) 16.55

Sampling Method	Stainless Steel Bailer	Peristaltic Pump X	Grundfos Pump	Teflon Bailer
place an X in box	Polyethylene Bailer	Bladder Pump	Other:	

Time Elapsed min.	Temperature	pH	Conductivity	Dissolved Oxygen	Redox	Water Level	Turbidity	Flow Rate
5	16.16	7.52	1.32	4.90	-199	16.41	1.65	200 ml/min
10	15.62	7.49	1.32	1.57	-206	16.51	3.05	180 ml/min
15	15.85	7.49	1.30	1.20	-207	16.51	1.0	
20	15.79	7.47	1.31	1.01	-207	16.51	0.54	
25	16.02	7.49	1.30	1.50	-208	16.51	0.57	
30	16.85	7.50	1.29	0.90	-208	16.52	1.1	
35	16.40	7.47	1.28	0.34	-216	16.52	0.98	
40	16.50	7.47	1.29	0.38	-215	16.53	0.64	
45	16.55	7.46	1.29	0.36	-217	16.54	0.73	
50	16.32	7.46	1.30	0.37	-221	16.54	0.71	
55	16.50	7.46	1.29	0.36	-225	16.55	0.81	

QA/QC Samples Taken:

Comments: Ferrous Iron = 0 mg/L Alkalinity as $CaCO_3$ = 346 mg/L

Signature

Sampler (Print)	Sampler (signature):	
Richard C. Becken	Richard C Becken	Date: 4/16/15

O&M Enterprises, Inc.
MONITORING WELL SAMPLING FIELD FORM
BP. Sanborn, NY

Monitoring Well I.D.: B-21 M	Date: 4/15/15	Time Started: 0720	Field Personnel: RC Becken
Weather Conditions: Sunny clear cool			
Comments:			

Initial Readings

Measured Well Bottom (TOR - ft) 26.46	Riser Pipe Diameter (in) 2 in.			
Measured Water Level (TOR - ft) 7.08	Conversion Factor (gal/lineal ft)	1.25" = 0.08	2" = 0.17	3" = 0.38
Calculated Water Column Height (ft) 19.4	(Circle One)	4" = 0.66	6" = 1.50	8" = 2.60
One Well Volume (gals.) 3.29	FiveWell Volumes (gals.) 16.5			

Notes:

Well Conditions

Well Riser Type (Circle one): (Stainless Steel) Carbon Steel PVC

Casing Condition:	(OK)	Repair Required:
Cap Condition:	(OK)	Repair Required:
Paint Condition:	OK	Repair Required: NA
Lock Condition.	OK	Repair Required: NA
Inner Casing Condition:	(OK)	Repair Required:
Surface Seal Condition:	(OK)	Repair Required:

Other:

Purge Information

Purging Method (Circle one): Stainless Steel Bailer Peristaltic Pump Sample Port (Pumping Wells Only)
Teflon Bailer ~~Polyethylene Bailer~~ Other:

Well Volume	Gallons Purged (gal)	Temperature (deg C)	Specific Conductivity (mS/cm)	Turbidity (NTU's)	Comments
3.29	~3.3	48.8	1.01	452	
	~6.6	50.2	1.02	411	
	~9.9	50.2	1.03	400	
	~13.2	50.7	1.04	296	

Comments: Amount purged 17 gal

Sampling Information

Date: 4/15/15	Time Sampled: 1005	Field Personnel: R C Becken

Measured Water Level (TOR ft.): 7.75

Sampling Method (Circle one): Stainless Steel Bailer Peristaltic Pump Sample Port (Pumping Wells Only)
Teflon Bailer Polyethylene Bailer Other:

Sample I.D.	Temperature (deg C)	pH (S.U.)	Specific Conductivity (mS/cm)	Turbidity (NTU's)	Comments
B-21M	52.5	6.25	1.04	55.1	

QA/QC Samples Taken: Field Dup 2

Comments:

Signature

Sampler (Print): Richard C. Becken	Sampler (signature): Richard C Becken	Date: 4/15/15

LOW-FLOW SAMPLING FIELD FORM
O&M ENTERPRISES, Inc.
BP, Sanborn, NY

Monitoring Well I.D.: B-22m	Date: 4/22/15	Time Started: 0835	Field Personnel: RCB
Weather Conditions: overcast cool		Time Ended: 0945	
Comments:			

Initial Readings

Measured Well Bottom (TOR-ft) 35.95	Riser Pipe Diameter (in.) 2
Measured Water Level (TOR-ft) 20.3	One Well Volume (gal.) 2.66
Notes:	

Well Condition

Well Riser Type		Stainless Steel		Carbon Steel	PVC
Casing Condition:	OK		Repair Required:		
Cap Condition:	OK		Repair Required:		
Paint Condition:	OK		Repair Required:		
Lock Condition:	OK		Repair Required:		
Inner Casing Condition:	OK		Repair Required:		
Surface Seal Condition:	OK		Repair Required:		
Other:	OK		Repair Required:		

Purge Information

Purging Method: Place an X in one box	Stainless Steel Bailer	Peristaltic Pump X	Grundfos Pump	Teflon Bailer
	Polyethylene Bailer	Bladder Pump	Other:	
Amount Purged: ~2.5 gal		Flow Rate (mL per minute:		
Water Level after Purging (TOR ft.) 20.31				
Comments:				

Sampling Information

Date: 4/22/15	Time Sampled: 0940	Field Personnel:	R C Becken
Measured Water Level (TOR ft) 20.31			

Sampling Method place an X in box	Stainless Steel Bailer	Peristaltic Pump X	Grundfos Pump	Teflon Bailer
	Polyethylene Bailer	Bladder Pump	Other:	

Time Elapsed min.	Temperature	pH	Conductivity	Dissolved Oxygen	Redox	Water Level	Turbidity	Flow Rate
10	10.62	6.90	1.12	3.64	85	20.31	22.2	~200 ml/min
15	10.45	7.10	1.00	4.47	60	20.31	34.9	
20	10.31	7.21	0.784	3.37	53	20.31	26.1	
25	10.24	7.21	1.02	3.56	63	20.31	17.1	
30	10.28	7.20	1.06	3.23	75	20.31	8.99	
35	10.27	7.19	1.09	3.20	85	20.31	5.02	
40	10.26	7.20	1.10	3.21	88	20.31	3.28	
45	10.27	7.21	1.10	3.20	90	20.31	2.47	
50	10.26	7.20	1.10	3.19	92	20.31	1.96	

QA/QC Samples Taken:

Comments: Ferrous Iron = 0 mg/L Alkalinity as $CaCO_3$ 320 mg/L

Signature

Sampler (Print)	Sampler (signature):	
Richard C. Becken	Richard C Becken	Date: 4/22/15

LOW-FLOW SAMPLING FIELD FORM
O&M ENTERPRISES, inc.
BP, Sanborn, NY

Monitoring Well I.D.: B-23m Date: 4/22/15 Time Started: 1020 Field Personnel: RCB

Weather Conditions: overcast windy cool Time Ended: 1120

Comments:

Initial Readings

Measured Well Bottom (TOR-ft) 31.68 Riser Pipe Diameter (in.) 2

Measured Water Level (TOR-ft) 19.1 One Well Volume (gal.)

Notes:

Well Condition

Well Riser Type		Stainless Steel	Carbon Steel	PVC
Casing Condition:	OK		Repair Required:	
Cap Condition:	OK		Repair Required:	
Paint Condition:	OK		Repair Required:	
Lock Condition:	OK		Repair Required:	
Inner Casing Condition:	OK		Repair Required:	
Surface Seal Condition:	OK		Repair Required:	
Other:	OK		Repair Required:	

Purge Information

Purging Method:	Stainless Steel Bailer	Peristaltic Pump X	Grundfos Pump	Teflon Bailer
Place an X in one box	Polyethylene Bailer	Bladder Pump	Other:	

Amount Purged: ~3 gal Flow Rate (mL per minute: 225 ml/min

Water Level after Purging (TOR ft.) 19.11

Comments:

Sampling Information

Date: 4/22/15 Time Sampled: 1115 Field Personnel: R C Becken

Measured Water Level (TOR ft) 19.11

Sampling Method place an X in box	Stainless Steel Bailer	Peristaltic Pump X	Grundfos Pump	Teflon Bailer
	Polyethylene Bailer	Bladder Pump	Other:	

Time Elapsed min.	Temperature	pH	Conductivity	Dissolved Oxygen	Redox	Water Level	Turbidity	Flow Rate
10	9.80	7.34	0.894	0.64	54	19.11	86.5	225 ml/min
15	9.77	7.33	0.891	0.18	50	19.11	76.5	
20	9.71	7.33	0.897	0.15	54	19.11	35.1	
25	9.63	7.32	0.900	0.0	54	19.11	26.7	
30	9.65	7.32	0.900	0.0	56	19.11	23.1	
35	9.63	7.31	0.894	0.0	60	19.11	13.2	
40	9.59	7.30	0.896	0.0	58	19.11	9.74	
45	9.59	7.30	0.896	0.0	65	19.11	10.1	

QA/QC Samples Taken: Field Dup #3

Comments: Ferrous Iron = 0 mg/L Alkalinity as $CaCO_3$ = 280 mg/L

Signature

Sampler (Print)	Sampler (signature):	
Richard C. Becken	Richard C Becken	Date: 4/22/15

O&M Enterprises, Inc.
MONITORING WELL SAMPLING FIELD FORM
BP, Sanborn, NY

Monitoring Well I.D.: B-24 M	Date: 4/14/15	Time Started: 0950	Field Personnel: RC Becken
Weather Conditions: sunny cool			
Comments:			

Initial Readings

Measured Well Bottom (TOR - ft) 26.63	Riser Pipe Diameter (in) 2 in.			
Measured Water Level (TOR - ft) 9.18	Conversion Factor (gal/lineal ft)	1.25" = 0.08	2" = 0.17	3" = 0.38
Calculated Water Column Height (ft) 17.45	(Circle One)	4" = 0.66	6" = 1.50	8" = 2.60
One Well Volume (gals.) 2.97	FiveWell Volumes (gals.) 14.8			
Notes:				

Well Conditions

Well Riser Type (Circle one): (Stainless Steel) Carbon Steel PVC

Casing Condition:	(OK)	Repair Required:
Cap Condition:	(OK)	Repair Required:
Paint Condition:	(OK)	Repair Required:
Lock Condition:	(OK)	Repair Required:
Inner Casing Condition:	(OK)	Repair Required:
Surface Seal Condition:	(OK)	Repair Required:

Other:

Purge Information

Purging Method (Circle one): Stainless Steel Bailer, Teflon Bailer, Peristaltic Pump, Polyethylene Bailer, Sample Port (Pumping Wells Only), Other: purge pump

Well Volume	Gallons Purged (gal)	Temperature (deg C)	Specific Conductivity (mS/cm)	Turbidity (NTU's)	Comments
2.97	~3	49.2	0.73	6.72	
	~6	49.6	0.74	3.18	
	~9	49.4	0.74	2.46	
	~12	49.4	0.73	2.17	

Comments: Amount purged 15 gal

Sampling Information

Date: 4/14/15	Time Sampled: 1025	Field Personnel: R C Becken	
Measured Water Level (TOR ft.): 9.26			

Sampling Method (Circle one): Stainless Steel Bailer, Teflon Bailer, (Polyethylene Bailer), Peristaltic Pump, Sample Port (Pumping Wells Only), Other:

Sample ID	Temperature (deg C)	pH (S.U.)	Specific Conductivity (mS/cm)	Turbidity (NTU's)	Comments
B-24 M	48.1	7.28	0.69	8.64	

QA/QC Samples Taken: MS + MSD

Comments:

Signature

Sampler (Print): Richard C. Becken	Sampler (signature): Richard C Becken	Date: 4/14/15

O&M Enterprises, Inc.
MONITORING WELL SAMPLING FIELD FORM
BP, Sanborn, NY

Monitoring Well I.D.: B-28M	Date: 4/15/15	Time Started: 1010	Field Personnel: RC Becken
Weather Conditions: sunny clear nice			
Comments:			

Initial Readings

Measured Well Bottom (TOR - ft) 34.51	Riser Pipe Diameter (in) 2 in.			
Measured Water Level (TOR - ft) 22.46	Conversion Factor (gal/lineal ft)	1.25" = 0.08	2" = 0.17	3" = 0.38
Calculated Water Column Height (ft) 12.05	(Circle One)	4" = 0.66	6" = 1.50	8" = 2.60
One Well Volume (gals.) 2.05	FiveWell Volumes (gals.) 10.2			
Notes:				

Well Conditions

Well Riser Type (Circle one):	Stainless Steel	Carbon Steel PVC
Casing Condition:	OK	Repair Required:
Cap Condition:	OK	Repair Required:
Paint Condition:	OK	Repair Required: NA
Lock Condition:	OK	Repair Required: NA
Inner Casing Condition:	OK	Repair Required:
Surface Seal Condition:	OK	Repair Required:
Other:		

Purge Information

Purging Method (Circle one): Stainless Steel Bailer Peristaltic Pump Sample Port (Pumping Wells Only)
Teflon Bailer Polyethylene Bailer Other:

Well Volume	Gallons Purged (gal)	Temperature (deg C)	Specific Conductivity (mS/cm)	Turbidity (NTU's)	Comments
2.05	~2	54.2	0.97	870	
	~4	55.1	0.95	1000+	
	~6	53.7	1.0	1000+	
	~8	53.1	0.99	452	

Comments: Amount purged 12 gal

Sampling Information

Date: 4/15/15	Time Sampled: 1100	Field Personnel: R C Becken	
Measured Water Level (TOR ft.): 25.48			

Sampling Method (Circle one): Stainless Steel Bailer Peristaltic Pump Sample Port (Pumping Wells Only)
Teflon Bailer Polyethylene Bailer Other:

Sample I.D.	Temperature (deg C)	pH (S.U.)	Specific Conductivity (mS/cm)	Turbidity (NTU's)	Comments
B-28M	53.7	6.28	0.97	187	

QA/QC Samples Taken:
Comments:

Signature

Sampler (Print): Richard C. Becken	*Sampler (signature):* Richard C Becken	Date: 4/15/15

O&M Enterprises, Inc.
MONITORING WELL SAMPLING FIELD FORM
BP. Sanborn, NY

Monitoring Well I.D.: B-38M	Date: 4/15/15	Time Started: 0825	Field Personnel: RC Becken
Weather Conditions: sunny clear cool			
Comments:			

Initial Readings

Measured Well Bottom (TOR - ft) 41.42	Riser Pipe Diameter (in) 2 in.			
Measured Water Level (TOR - ft) 27.2	Conversion Factor (gal/lineal ft)	1.25" = 0.08	2" = 0.17	3" = 0.38
Calculated Water Column Height (ft) 14.22	(Circle One)	4" = 0.66	6" = 1.50	8" = 2.60
One Well Volume (gals.) 2.42	FiveWell Volumes (gals.) 12.1			
Notes:				

Well Conditions

Well Riser Type (Circle one): Stainless Steel Carbon Steel PVC

Casing Condition:	OK	Repair Required:
Cap Condition:	OK	Repair Required:
Paint Condition:	OK	Repair Required:
Lock Condition:	OK	Repair Required:
Inner Casing Condition:	OK	Repair Required:
Surface Seal Condition:	OK	Repair Required:

Other:

Purge Information

Purging Method (Circle one): Stainless Steel Bailer Peristaltic Pump Sample Port (Pumping Wells Only)
Teflon Bailer Polyethylene Bailer Other:

Well Volume	Gallons Purged (gal)	Temperature (deg C)	Specific Conductivity (mS/cm)	Turbidity (NTU's)	Comments
2.42	~2.5	49.8	1.28	33.9	
	5	50.2	1.31	25.8	
	~7.5	50.1	1.30	15.3	
	~10	50.0	1.28	12.3	

Comments: Amount purged 13 gal

Sampling Information

Date: 4/15/15	Time Sampled: 0710	Field Personnel: R C Becken
Measured Water Level (TOR ft.): 27.55		

Sampling Method (Circle one): Stainless Steel Bailer Peristaltic Pump Sample Port (Pumping Wells Only)
Teflon Bailer Polyethylene Bailer Other:

Sample I.D	Temperature (deg C)	pH (S.U.)	Specific Conductivity (mS/cm)	Turbidity (NTU's)	Comments
B-38M	49.4	6.45	1.27	12.7	

QA/QC Samples Taken:
Comments:

Signature

Sampler (Print): Richard C. Becken	Sampler (signature): Richard C Becken	Date: 4/15/15

LOW-FLOW SAMPLING FIELD FORM
O&M ENTERPRISES, Inc.
BP, Sanborn, NY

Monitoring Well I.D.: B-39M Date: 4/21/15 Time Started: 1245 Field Personnel: RCB

Weather Conditions: Windy cool sunny Time Ended: 1410

Comments:

Initial Readings

Measured Well Bottom (TOR-ft) 44.8 Riser Pipe Diameter (in.) 2

Measured Water Level (TOR-ft) 10.02 One Well Volume (gal.) 5.9

Notes:

Well Condition

Well Riser Type		Stainless Steel	Carbon Steel	PVC	
Casing Condition:		OK		Repair Required:	
Cap Condition:		OK		Repair Required:	
Paint Condition:		OK		Repair Required:	
Lock Condition:		OK		Repair Required:	
Inner Casing Condition:		OK		Repair Required:	
Surface Seal Condition:		OK		Repair Required:	
Other:		OK		Repair Required:	

Purge Information

Purging Method:	Stainless Steel Bailer	Peristaltic Pump X	Grundfos Pump	Teflon Bailer
Place an X in one box	Polyethylene Bailer	Bladder Pump	Other:	
Amount Purged: ~4 gal		Flow Rate (mL per minute: 300 ml/min		
Water Level after Purging (TOR ft.) 10.04				
Comments:				

Sampling Information

Date: 4/21/15 Time Sampled: 1400 Field Personnel: R C Becken

Measured Water Level (TOR ft) 10.04

Sampling Method	Stainless Steel Bailer	Peristaltic Pump X	Grundfos Pump	Teflon Bailer
place an X in box	Polyethylene Bailer	Bladder Pump	Other:	

Time Elapsed min	Temperature	pH	Conductivity	Dissolved Oxygen	Redox	Water Level	Turbidity	Flow Rate
10	10.79	7.59	0.746	0.0	-115	10.04	2.01	~300 ml/min
15	11.04	7.48	0.754	0.0	-72	10.04	2.54	
20	11.16	7.41	0.782	0.0	-38	10.04	1.69	
25	11.26	7.36	0.795	0.0	-20	10.04	1.16	
30	11.27	7.36	0.770	0.0	96	10.04	1.33	
35	11.27	7.36	0.747	0.0	63	10.04	0.93	
40	11.25	7.37	0.736	0.0	69	10.04	1.15	
45	11.32	7.35	0.735	0.0	75	10.04	1.28	
50	11.32	7.36	0.734	0.0	75	10.04	1.39	

QA/QC Samples Taken:

Comments: Ferrous Iron: 0 mg/L Alkalinity as $CaCO_3$: 220 mg/L

Signature

Sampler (Print)	Sampler (signature):	
Richard C. Becken	Richard C Becken	Date: 4/21/15

LOW-FLOW SAMPLING FIELD FORM
O&M ENTERPRISES, Inc.
BP, Sanborn, NY

Monitoring Well I.D.: B-40 M	Date: 4/21/15	Time Started: 1115	Field Personnel: RCB
Weather Conditions: cloudy windy cool		Time Ended:	
Comments:			

Initial Readings

Measured Well Bottom (TOR-ft) 57.95		Riser Pipe Diameter (in.) 2	
Measured Water Level (TOR-ft) 10.98		One Well Volume (gal.) 8.0	
Notes:			

Well Condition

Well Riser Type		Stainless Steel		Carbon Steel	PVC
Casing Condition:	OK		Repair Required:		
Cap Condition:	OK		Repair Required:		
Paint Condition:	OK		Repair Required:		
Lock Condition:	OK		Repair Required:		
Inner Casing Condition:	OK		Repair Required:		
Surface Seal Condition:	OK		Repair Required:		
Other:	OK		Repair Required:		

Purge Information

Purging Method:	Stainless Steel Bailer	Peristaltic Pump X	Grundfos Pump	Teflon Bailer
Place an X in one box	Polyethylene Bailer	Bladder Pump	Other:	
Amount Purged: ~2.5 gal		Flow Rate (mL per minute: 90 ml/min		
Water Level after Purging (TOR ft.) 11.96				
Comments:				

Sampling Information

Date: 4/21/15	Time Sampled: 1235	Field Personnel:	R C Becken
Measured Water Level (TOR ft) 11.96			

Sampling Method place an X in box	Stainless Steel Bailer	Peristaltic Pump X	Grundfos Pump	Teflon Bailer
	Polyethylene Bailer	Bladder Pump	Other:	

Time Elapsed min	Temperature	pH	Conductivity	Dissolved Oxygen	Redox	Water Level	Turbidity	Flow Rate
10	10.66	7.85	1.11	0.40	14	11.95	1.56	90 ml/min
15	10.9	7.68	1.28	0.80	-190	11.95	1.54	
20	10.69	7.14	1.95	0.0	-235	11.96	0.96	
25	10.81	7.03	2.26	0.0	-255	11.96	1.27	
30	11.00	7.04	2.31	0.0	-262	11.96	1.43	
35	11.07	7.05	2.31	0.0	-264	11.96	1.77	
40	10.99	7.16	2.31	0.99	-276	11.96	1.68	
45	10.98	7.20	2.29	0.99	-278	11.96	1.53	
50	10.99	7.20	2.27	0.96	-278	11.96	1.81	
55	10.98	7.21	2.20	0.95	-280	11.96	1.75	
60	10.98	7.22	2.20	0.94	-280	11.96	1.9	
65	10.89	7.22	2.26	0.95	-275	11.96	2.1	

QA/QC Samples Taken:

Comments: Ferrous Iron = 0 mg/L Alkalinity as $CaCO_3$ = 200 mg/L

Signature

Sampler (Print)	Sampler (signature):	
Richard C. Becken	Richard C Becken	Date: 4/21/15

LOW-FLOW SAMPLING FIELD FORM
O&M ENTERPRISES, Inc.
BP, Sanborn, NY

Monitoring Well I.D.: B-41m	Date: 4/21/15	Time Started: 0745	Field Personnel: RCB
Weather Conditions: Sunny, windy, cool 43°F		Time Ended: 1110	
Comments:			

Initial Readings

Measured Well Bottom (TOR-ft) 72.7	Riser Pipe Diameter (in.) 2
Measured Water Level (TOR-ft) 13.31	One Well Volume (gal.) 10.1
Notes:	

Well Condition

Well Riser Type		Stainless Steel	Carbon Steel	PVC	
Casing Condition:	OK		Repair Required:		
Cap Condition:	OK		Repair Required:		
Paint Condition:	OK		Repair Required:		
Lock Condition:	OK		Repair Required:		
Inner Casing Condition:	OK		Repair Required:		
Surface Seal Condition:	OK		Repair Required:		
Other:	OK		Repair Required:		

Purge Information

Purging Method:	Stainless Steel Bailer	Peristaltic Pump X	Grundfos Pump	Teflon Bailer
Place an X in one box	Polyethylene Bailer	Bladder Pump	Other:	
Amount Purged: ~2 gal		Flow Rate (mL per minute: ~90 ml/min		
Water Level after Purging (TOR ft.) 13.5				
Comments:				

Sampling Information

Date: 4/21/15	Time Sampled: 1100	Field Personnel:	R C Becken
Measured Water Level (TOR ft) 13.5			

Sampling Method	Stainless Steel Bailer	Peristaltic Pump X	Grundfos Pump	Teflon Bailer
place an X in box	Polyethylene Bailer	Bladder Pump	Other:	

Time Elapsed min.	Temperature	pH	Conductivity	Dissolved Oxygen	Redox	Water Level	Turbidity	Flow Rate
10	10.54	7.46	0.818	1.08	89	13.32	9.73	115 ml/min
15	10.42	7.47	0.803	8.44	99	13.33	4.90	
20	10.47	7.47	0.797	4.56	103	13.43	4.18	~90 ml/min
25	10.52	7.47	0.797	3.92	106	13.5	2.31	
30	10.56	7.48	0.796	1.78	109	13.5	2.78	
35	10.61	7.46	0.794	2.41	106	13.5	2.55	
40	10.67	7.48	0.796	2.40	110	13.5	3.23	
45	10.79	7.47	0.797	2.38	112	13.5	2.93	
50	10.93	7.47	0.797	2.36	114	13.5	3.01	
55	10.97	7.47	0.798	2.35	114	13.5	2.47	
60	10.99	7.47	0.798	2.34	110	13.5	2.63	

QA/QC Samples Taken:

Comments: Ferrous Iron: 0 mg/L Alkalinity as $CaCO_3$ = 240 mg/L

Signature

Sampler (Print)	*Sampler (signature):*	
Richard C. Becken	Richard C Becken	Date: 4/24/15

LOW-FLOW SAMPLING FIELD FORM
O&M ENTERPRISES, Inc.
BP, Sanborn, NY

Monitoring Well I.D.: B-42 M | Date: 4/20/15 | Time Started: 1310 | Field Personnel: RCB

Weather Conditions: overcast | Time Ended: 1425

Comments:

Initial Readings

Measured Well Bottom (TOR-ft) 15.44 | Riser Pipe Diameter (in.) 2

Measured Water Level (TOR-ft) 8.32 | One Well Volume (gal.) 6.31

Notes:

Well Condition

	Stainless Steel	Carbon Steel	PVC	
Well Riser Type				
Casing Condition:	OK		Repair Required:	
Cap Condition:	OK		Repair Required:	
Paint Condition:	OK		Repair Required:	
Lock Condition:	OK		Repair Required:	
Inner Casing Condition:	OK		Repair Required:	
Surface Seal Condition:	OK		Repair Required:	
Other:	OK		Repair Required:	

Purge Information

Purging Method:	Stainless Steel Bailer	Peristaltic Pump X	Grundfos Pump	Teflon Bailer
Place an X in one box	Polyethylene Bailer	Bladder Pump	Other:	
Amount Purged: ~2.5 gal		Flow Rate (mL per minute:		
Water Level after Purging (TOR ft.) 8.36				
Comments:				

Sampling Information

Date 4/22/15 | Time Sampled: 1415 | Field Personnel: R C Becken

Measured Water Level (TOR ft) 8.36

Sampling Method place an X in box	Stainless Steel Bailer	Peristaltic Pump X	Grundfos Pump	Teflon Bailer
	Polyethylene Bailer	Bladder Pump	Other:	

Time Elapsed min	Temperature	pH	Conductivity	Dissolved Oxygen	Redox	Water Level	Turbidity	Flow Rate
10	16.14	7.46	0.717	7.45	70	8.33	0.4	~110 ml/min
15	15.61	7.37	0.682	5.73	70	8.34	0.9	~120 ml/min
15	15.26	7.31	0.634	5.10	71	8.34	0.23	
20	15.05	7.32	0.641	4.50	71	8.34	0.73	
25	14.91	7.34	0.643	3.91	69	8.34	0.52	
30	14.73	7.31	0.646	4.47	68	8.35	0.76	
35	13.12	7.33	0.678	0.0	69	8.35	0.83	
40	12.96	7.33	0.676	0.0	70	8.35	0.67	
45	12.87	7.33	0.679	0.0	72	8.36	0.41	
50	12.85	7.33	0.680	0.0	73	8.36	0.59	

QA/QC Samples Taken:

Comments: Ferrous Iron = 0 mg/L Alkalinity as $CaCO_3$ 260 mg/L

Signature

Sampler (Print)	Sampler (signature):	
Richard C. Becken	Richard C Becken	Date: 4/20/15

LOW-FLOW SAMPLING FIELD FORM
O&M ENTERPRISES, Inc.
BP, Sanborn, NY

Monitoring Well I.D.: B-43M	Date: 4/20/15	Time Started: 1130	Field Personnel: RCB
Weather Conditions: Sunny windy		Time Ended: [illegible]	
Comments:			

Initial Readings

Measured Well Bottom (TOR-ft)	52.82	Riser Pipe Diameter (in.)	2
Measured Water Level (TOR-ft)	10.65	One Well Volume (gal.)	7.2
Notes:			

Well Condition

Well Riser Type		Stainless Steel		Carbon Steel	PVC
Casing Condition:	OK		Repair Required:		
Cap Condition:	OK		Repair Required:		
Paint Condition:	OK		Repair Required:		
Lock Condition:	OK		Repair Required.		
Inner Casing Condition:	OK		Repair Required:		
Surface Seal Condition:	OK		Repair Required:		
Other:	OK		Repair Required:		

Purge Information

Purging Method:	Stainless Steel Bailer	Peristaltic Pump X	Grundfos Pump	Teflon Bailer
Place an X in one box	Polyethylene Bailer	Bladder Pump	Other:	
Amount Purged: 3 gal		Flow Rate (mL per minute: ~85 ml/min		
Water Level after Purging (TOR ft.) 12.18				
Comments:				

Sampling Information

Date: 4/20/15	Time Sampled: 1255	Field Personnel:	R C Becken
Measured Water Level (TOR ft) 12.18			

Sampling Method	Stainless Steel Bailer	Peristaltic Pump X	Grundfos Pump	Teflon Bailer
place an X in box	Polyethylene Bailer	Bladder Pump	Other:	

Time Elapsed min	Temperature	pH	Conductivity	Dissolved Oxygen	Redox	Water Level	Turbidity	Flow Rate
10	14.35	7.98	1.49	4.79	-41	11.82	1.17	~85 ml/min
20	14.83	7.96	1.47	4.74	17	11.96	0.64	
30	15.2	7.95	1.45	4.32	33	12.0	0.42	
40	15.4	7.94	1.44	4.14	41	12.06	0.46	
50	15.86	7.93	1.41	4.27	65	12.11	0.64	
60	15.94	7.92	1.40	4.26	67	12.15	0.97	
70	16.0	7.92	1.41	4.25	72	12.16	1.11	
80	16.09	7.92	1.41	4.27	77	12.18	0.98	

QA/QC Samples Taken:

Comments: Ferrous Iron = 0 mg/L Alkalinity as $CaCO_3$ = 220 mg/L

Signature

Sampler (Print)	Sampler (signature):	
Richard C. Becken	Richard C Becken	Date: 4/21/15

LOW-FLOW SAMPLING FIELD FORM
O&M ENTERPRISES, Inc.
BP, Sanborn, NY

Monitoring Well I.D.: B-49 m	Date: 4/20/15	Time Started: 1010	Field Personnel: RCB
Weather Conditions: overcast		Time Ended: 1125	
Comments:			

Initial Readings

Measured Well Bottom (TOR-ft) 80.42	Riser Pipe Diameter (in.) 2
Measured Water Level (TOR-ft) 13.31	One Well Volume (gal.) 11.41
Notes:	

Well Condition

Well Riser Type		Stainless Steel	Carbon Steel	PVC
Casing Condition:	OK		Repair Required:	
Cap Condition:	OK		Repair Required:	
Paint Condition:	OK		Repair Required:	
Lock Condition:	OK		Repair Required:	
Inner Casing Condition:	OK		Repair Required:	
Surface Seal Condition:	OK		Repair Required:	
Other:	OK		Repair Required:	

Purge Information

Purging Method:	Stainless Steel Bailer	Peristaltic Pump X	Grundfos Pump	Teflon Bailer
Place an X in one box	Polyethylene Bailer	Bladder Pump	Other:	
Amount Purged: ~2 gal		Flow Rate (mL per minute:		
Water Level after Purging (TOR ft.) 14.94				
Comments:				

Sampling Information

Date: 4/20/15	Time Sampled: 1115	Field Personnel:	R C Becken
Measured Water Level (TOR ft) 14.94			

Sampling Method place an X in box	Stainless Steel Bailer	Peristaltic Pump X	Grundfos Pump	Teflon Bailer
	Polyethylene Bailer	Bladder Pump	Other:	

Time Elapsed min	Temperature	pH	Conductivity	Dissolved Oxygen	Redox	Water Level	Turbidity	Flow Rate
10	11.48	7.69	2.64	17.22	-304	14.27	3.32	80 ml/min
20	11.61	7.72	2.65	0.0	-306	14.47	4.14	70 ml/min
30	11.70	7.72	2.64	0.0	-308	14.67	~~4.06~~ 2.6	
40	11.82	7.72	2.66	0.0	-311	14.67	1.8	
50	12.06	7.72	2.66	0.0	-313	14.77	1.99	
60	12.45	7.72	2.67	0.0	-317	14.86	1.6	
70	12.5	7.72	2.66	0.0	-316	14.94	1.86	

QA/QC Samples Taken:

Comments: Ferrous Iron = 0 mg/L Alkalinity as $CaCO_3$ = 26 mg/L

Signature

Sampler (Print)	Sampler (signature):	
Richard C. Becken	Richard C Becken	Date: 4/20/15

LOW-FLOW SAMPLING FIELD FORM
O&M ENTERPRISES, Inc.
BP, Sanborn, NY

Monitoring Well I.D.: B-48M | Date: 4/16/15 | Time Started: 1025 | Field Personnel: RCB

Weather Conditions: clear sunny nice | Time Ended: 1155

Comments:

Initial Readings

Measured Well Bottom (TOR-ft) 46.58 | Riser Pipe Diameter (in.) 2

Measured Water Level (TOR-ft) 10.7 | One Well Volume (gal.) 6.15

Notes:

Well Condition

Well Riser Type		Stainless Steel	Carbon Steel	PVC
Casing Condition:	OK		Repair Required:	
Cap Condition:	OK		Repair Required:	
Paint Condition:	OK		Repair Required:	
Lock Condition:	OK		Repair Required:	needs new lock
Inner Casing Condition:	OK		Repair Required:	
Surface Seal Condition:	OK		Repair Required:	
Other:	OK		Repair Required:	

Purge Information

Purging Method:	Stainless Steel Bailer	Peristaltic Pump X	Grundfos Pump	Teflon Bailer
Place an X in one box	Polyethylene Bailer	Bladder Pump	Other:	

Amount Purged: ~4 gal | Flow Rate (mL per minute: 240 ml/min

Water Level after Purging (TOR ft.) 10.73

Comments:

Sampling Information

Date: 4/16/15 | Time Sampled: 1150 | Field Personnel: R C Becken

Measured Water Level (TOR ft) 10.73

Sampling Method	Stainless Steel Bailer	Peristaltic Pump X	Grundfos Pump	Teflon Bailer
place an X in box	Polyethylene Bailer	Bladder Pump	Other:	

Time Elapsed min	Temperature	pH	Conductivity	Dissolved Oxygen	Redox	Water Level	Turbidity	Flow Rate
5	10.91	7.39	0.712	0.0	-238	10.73	6.71	240 ml/min
10	10.88	7.33	0.707	0.0	-234	10.73	5.51	
15	10.91	7.33	0.709	0.0	-230	10.73	8.43	
20	11.03	7.33	0.709	0.0	-228	10.73	7.52	
25	11.07	7.32	0.707	0.0	-225	10.73	4.13	
30	11.3	7.32	0.706	0.0	-224	10.73	5.37	
35	11.26	7.32	0.709	0.0	-223	10.73	1.84	
40	11.30	7.31	0.708	0.0	-219	10.73	2.12	
45	11.31	7.31	0.708	0.0	-218	10.73	2.56	

QA/QC Samples Taken:

Comments: Ferrous Iron = 0 mg/L Alkalinity as $CaCO_3$ = 360 mg/L

Signature

Sampler (Print)	Sampler (signature):	
Richard C. Becken	Richard C Becken	Date: 4/16/15

LOW-FLOW SAMPLING FIELD FORM
O&M ENTERPRISES, Inc.
BP, Sanborn, NY

Monitoring Well I.D.: B-49M | Date: 4/16/15 | Time Started: 0845 | Field Personnel: RCB

Weather Conditions: Clear sunny nice | Time Ended: 1020

Comments:

Initial Readings

Measured Well Bottom (TOR-ft) 82.51 | Riser Pipe Diameter (in.) 2

Measured Water Level (TOR-ft) 21.35 | One Well Volume (gal.) 10.39 gal

Notes:

Well Condition

Well Riser Type		Stainless Steel		Carbon Steel	PVC
Casing Condition:		OK		Repair Required:	
Cap Condition:		OK		Repair Required:	
Paint Condition:		OK		Repair Required:	
Lock Condition:		OK		Repair Required:	new locks required
Inner Casing Condition:		OK		Repair Required:	
Surface Seal Condition:		OK		Repair Required:	
Other:		OK		Repair Required:	

Purge Information

Purging Method:	Stainless Steel Bailer	Peristaltic Pump X	Grundfos Pump	Teflon Bailer
Place an X in one box	Polyethylene Bailer	Bladder Pump	Other:	

Amount Purged: ~1.75 gal | Flow Rate (mL per minute: 115 ml/min

Water Level after Purging (TOR ft.) 21.58

Comments:

Sampling Information

Date: 4/16/15 | Time Sampled: 1015 | Field Personnel: R C Becken

Measured Water Level (TOR ft) 21.58

Sampling Method	Stainless Steel Bailer	Peristaltic Pump X	Grundfos Pump	Teflon Bailer
place an X in box	Polyethylene Bailer	Bladder Pump	Other:	

Time Elapsed min	Temperature	pH	Conductivity	Dissolved Oxygen	Redox	Water Level	Turbidity	Flow Rate
10	10.56	7.17	2.49	0.04	-265	21.55	7.5	120 ml/min
20	10.35	7.19	2.50	0.0	-284	21.56	4.1	
30	10.78	7.19	2.53	0.0	-322	21.57	5.65	115 ml/min
40	10.97	7.20	2.54	0.0	-329	21.57	9.37	"
50	10.93	7.20	2.54	0.0	-330	21.58	7.92	"
60	10.95	7.20	2.54	0.0	-335	21.58	7.30	"
70	10.98	7.21	2.55	0.0	-336	21.58	7.86	"

QA/QC Samples Taken: Ferrous Iron = 0 mg/L Alkalinity as $CaCO_3$ = 240 mg/L

Comments:

Signature

Sampler (Print)	Sampler (signature):	
Richard C. Becken	Richard C Becken	Date: 4/16/15

O&M Enterprises, Inc.
MONITORING WELL SAMPLING FIELD FORM
BP, Sanborn, NY

Monitoring Well I.D.: B-56 M	Date: 4/14/15	Time Started: 0915	Field Personnel: RC Becken
Weather Conditions: Sunny cool			
Comments:			

Initial Readings

Measured Well Bottom (TOR - ft) 37.62	Riser Pipe Diameter (in) 2 in.			
Measured Water Level (TOR - ft) 17.79	Conversion Factor (gal/lineal ft)	1.25" = 0.08	2" = 0.17	3" = 0.38
Calculated Water Column Height (ft) 19.83	(Circle One)	4" = 0.66	6" = 1.50	8" = 2.60
One Well Volume (gals.) 3.4	FiveWell Volumes (gals.) 16.9			
Notes:				

Well Conditions

Well Riser Type (Circle one):	Stainless Steel	Carbon Steel PVC
Casing Condition:	OK	Repair Required:
Cap Condition:	OK	Repair Required:
Paint Condition:	OK	Repair Required:
Lock Condition:	OK	Repair Required:
Inner Casing Condition:	OK	Repair Required:
Surface Seal Condition:	OK	Repair Required:
Other:		

Purge Information

Purging Method (Circle one): Stainless Steel Bailer Peristaltic Pump Sample Port (Pumping Wells Only)
Teflon Bailer Polyethylene Bailer Other: purge pump

Well Volume	Gallons Purged (gal)	Temperature (deg C)	Specific Conductivity (mS/cm)	Turbidity (NTU's)	Comments
3.4	~3.5	50.3	1.89	947	
	~7	50.5	1.02	11.2	
	~10.5	50.9	0.93	1.83	
	~14	51.0	0.90	1.01	

Comments: Amount purged 17 gal

Sampling Information

Date: 4/14/15	Time Sampled: 0940	Field Personnel: R C Becken	
Measured Water Level (TOR ft.): 19.86			

Sampling Method (Circle one): Stainless Steel Bailer Peristaltic Pump Sample Port (Pumping Wells Only)
Teflon Bailer Polyethylene Bailer Other:

Sample ID	Temperature (deg C)	pH (S U)	Specific Conductivity (mS/cm)	Turbidity (NTU's)	Comments
B-56M	50.1	8.18	0.91	10.2	

QA/QC Samples Taken: Field Dup #01
Comments:

Signature

Sampler (Print): Richard C. Becken	Sampler (signature): R. C. Becken	Date: 4/14/15

O&M Enterprises, Inc.
MONITORING WELL SAMPLING FIELD FORM
BP, Sanborn, NY

Monitoring Well I.D.: B-57M	Date: 4/14/15	Time Started: 0335	Field Personnel: RC Becken
Weather Conditions: sunny cool			
Comments:			

Initial Readings

Measured Well Bottom (TOR - ft) 50.62	Riser Pipe Diameter (in) 2 in.			
Measured Water Level (TOR - ft) 21.93	Conversion Factor (gal/lineal ft)	1.25" = 0.08	2" = 0.17	3" = 0.38
Calculated Water Column Height (ft) 28.69	(Circle One)	4" = 0.66	6" = 1.50	8" = 2.60
One Well Volume (gals.) 4.83	FiveWell Volumes (gals.) 24.4			
Notes:				

Well Conditions

Well Riser Type (Circle one): ~~Stainless Steel~~ Carbon Steel PVC

Casing Condition:	OK	Repair Required:
Cap Condition:	OK	Repair Required:
Paint Condition:	OK	Repair Required:
Lock Condition:	OK	Repair Required:
Inner Casing Condition:	OK	Repair Required:
Surface Seal Condition:	OK	Repair Required:

Other:

Purge Information

Purging Method (Circle one): Stainless Steel Bailer Peristaltic Pump Sample Port (Pumping Wells Only)
Teflon Bailer ~~Polyethylene Bailer~~ Other: purge pump

Well Volume	Gallons Purged (gal)	Temperature (deg C)	Specific Conductivity (mS/cm)	Turbidity (NTU's)	Comments
4.83	5	50.5	2.15	13.5	
	10	50.4	2.16	33.1	well dry

Comments: Amount purged ~12 gal

Sampling Information

Date: 4/14/15	Time Sampled: 1035	Field Personnel: R C Becken
Measured Water Level (TOR ft.): 42.18		

Sampling Method (Circle one): Stainless Steel Bailer Peristaltic Pump Sample Port (Pumping Wells Only)
Teflon Bailer ~~Polyethylene Bailer~~ Other:

Sample I.D.	Temperature (deg C)	pH (S.U.)	Specific Conductivity (mS/cm)	Turbidity (NTU's)	Comments
B-57M	49.9	7.32	1.99	6.13	

QA/QC Samples Taken:

Comments:

Signature

Sampler (Print): Richard C. Becken	Sampler (signature): Rich C Becken	Date: 4/14/15

O&M Enterprises, Inc.
MONITORING WELL SAMPLING FIELD FORM
BP, Sanborn, NY

Monitoring Well I.D.: P-2	Date: 4/15/15	Time Started: 1320	Field Personnel: RC Becken
Weather Conditions: clear sunny warm			
Comments:			

Initial Readings

Measured Well Bottom (TOR - ft)	Riser Pipe Diameter (in) 2 in.			
Measured Water Level (TOR - ft)	Conversion Factor (gal/lineal ft)	1.25" = 0.08	2" = 0.17	3" = 0.38
Calculated Water Column Height (ft)	(Circle One)	4" = 0.66	6" = 1.50	8" = 2.60
One Well Volume (gals.)	FiveWell Volumes (gals.)			
Notes:				

Well Conditions

Well Riser Type (Circle one):	Stainless Steel / Carbon Steel / PVC	
Casing Condition:	(OK)	Repair Required:
Cap Condition:	OK	Repair Required: NA
Paint Condition:	OK	Repair Required: NA
Lock Condition:	(OK)	Repair Required:
Inner Casing Condition:	(OK)	Repair Required:
Surface Seal Condition:	(OK)	Repair Required:
Other:		

Purge Information

Purging Method (Circle one): Stainless Steel Bailer / Peristaltic Pump / Sample Port (Pumping Wells Only) / Teflon Bailer / Polyethylene Bailer / Other:

Well Volume	Gallons Purged (gal)	Temperature (deg C)	Specific Conductivity (mS/cm)	Turbidity (NTU's)	Comments

Comments: Amount purged

Sampling Information

Date: 4/15/15	Time Sampled: 1320	Field Personnel: R C Becken
Measured Water Level (TOR ft.): 22.95		

Sampling Method (Circle one): Stainless Steel Bailer / Peristaltic Pump / Sample Port (Pumping Wells Only) / Teflon Bailer / (Polyethylene Bailer) / Other:

Sample I.D.	Temperature (deg C)	pH (S.U.)	Specific Conductivity (mS/cm)	Turbidity (NTU's)	Comments
P-2	55.6	6.35	1.24	1.52	

QA/QC Samples Taken:
Comments:

Signature

Sampler (Print): Richard C. Becken	*Sampler (signature):* Richard C Becken	Date: 4/15/15

O&M Enterprises, Inc.
MONITORING WELL SAMPLING FIELD FORM
BP, Sanborn, NY

Monitoring Well I.D.: P-83	Date: 4/14/14	Time Started: 1335	Field Personnel: RC Becken
Weather Conditions: Sunny nice			
Comments:			

Initial Readings

Measured Well Bottom (TOR - ft)	Riser Pipe Diameter (in) 4 in.			
Measured Water Level (TOR - ft)	Conversion Factor (gal/lineal ft)	1.25" = 0.08	2" = 0.17	3" = 0.38
Calculated Water Column Height (ft)	(Circle One)	4" = 0.66	6" = 1.50	8" = 2.60
One Well Volume (gals.)	FiveWell Volumes (gals.)			
Notes:				

Well Conditions

Well Riser Type (Circle one):	Stainless Steel	Carbon Steel	PVC
Casing Condition:	OK	Repair Required:	
Cap Condition:	OK	Repair Required:	
Paint Condition:	OK	Repair Required:	
Lock Condition:	OK	Repair Required:	
Inner Casing Condition:	OK	Repair Required:	
Surface Seal Condition:	OK	Repair Required:	
Other:			

Purge Information

Purging Method (Circle one): Stainless Steel Bailer; Peristaltic Pump; Sample Port (Pumping Wells Only); Teflon Bailer; Polyethylene Bailer; Other:

Well Volume	Gallons Purged (gal)	Temperature (deg C)	Specific Conductivity (mS/cm)	Turbidity (NTU's)	Comments

Comments: Amount purged

Sampling Information

Date: 4/14/14	Time Sampled: 1335	Field Personnel:	R C Becken
Measured Water Level (TOR ft.): 26.35			

Sampling Method (Circle one): Stainless Steel Bailer; Peristaltic Pump; Sample Port (Pumping Wells Only); Teflon Bailer; Polyethylene Bailer; Other:

Sample I.D.	Temperature (deg C)	pH (S.U.)	Specific Conductivity (mS/cm)	Turbidity (NTU's)	Comments
P-83	52.9	6.74	0.97	32.4	

QA/QC Samples Taken:

Comments:

Signature

Sampler (Print): Richard C. Becken	Sampler (signature): Richard C Becken	Date: 4/14/15

O&M Enterprises, Inc.
MONITORING WELL SAMPLING FIELD FORM
BP, Sanborn, NY

Monitoring Well I.D.: P-4	Date: 4/14/15	Time Started: 1410	Field Personnel: RC Becken
Weather Conditions: Sunny clear nice			
Comments:			

Initial Readings

Measured Well Bottom (TOR - ft)	Riser Pipe Diameter (in) 2 in.			
Measured Water Level (TOR - ft)	Conversion Factor (gal/lineal ft)	1.25" = 0.08	2" = 0.17	3" = 0.38
Calculated Water Column Height (ft)	(Circle One)	4" = 0.66	6" = 1.50	(6" = 2.60)
One Well Volume (gals.)	FiveWell Volumes (gals.)			
Notes:				

Well Conditions

Well Riser Type (Circle one):	(Stainless Steel) Carbon Steel PVC	
Casing Condition:	(OK)	Repair Required:
Cap Condition:	OK	Repair Required:
Paint Condition:	OK	Repair Required:
Lock Condition:	(OK)	Repair Required:
Inner Casing Condition:	(OK)	Repair Required:
Surface Seal Condition:	(OK)	Repair Required:
Other:		

Purge Information

Purging Method (Circle one): Stainless Steel Bailer | Peristaltic Pump | Sample Port (Pumping Wells Only)
Teflon Bailer | Polyethylene Bailer | Other:

Well Volume	Gallons Purged (gal)	Temperature (deg C)	Specific Conductivity (mS/cm)	Turbidity (NTU's)	Comments

Comments: Amount purged

Sampling Information

Date: 4/14/15	Time Sampled: 1410	Field Personnel: R C Becken
Measured Water Level (TOR ft.): 27.1		

Sampling Method (Circle one): Stainless Steel Bailer | Peristaltic Pump | Sample Port (Pumping Wells Only)
Teflon Bailer | (Polyethylene Bailer) | Other:

Sample ID	Temperature (deg C)	pH (S.U.)	Specific Conductivity (mS/cm)	Turbidity (NTU's)	Comments
P-4	53.6	6.75	1.02	3.6	

QA/QC Samples Taken:
Comments:

Signature

Sampler (Print): Richard C. Becken	Sampler (signature): Richard C Becken	Date: 4/14/15

O&M Enterprises, Inc.
MONITORING WELL SAMPLING FIELD FORM
BP. Sanborn, NY

Monitoring Well I.D.: PW-1	Date: 4/15/15	Time Started: 13a	Field Personnel: RC Becken
Weather Conditions: clear, sunny warm			
Comments:			

Initial Readings

Measured Well Bottom (TOR - ft)	Riser Pipe Diameter (in) 4 in.			
Measured Water Level (TOR - ft)	Conversion Factor (gal/lineal ft)	1.25" = 0.08	2" = 0.17	3" = 0.38
Calculated Water Column Height (ft)	(Circle One)	4" = 0.66	6" = 1.50	8" = 2.60
One Well Volume (gals.)	FiveWell Volumes (gals.)			
Notes:				

Well Conditions

Well Riser Type (Circle one): (Stainless Steel) Carbon Steel PVC

Casing Condition:	(OK)	Repair Required:
Cap Condition:	OK	Repair Required:
Paint Condition:	OK	Repair Required:
Lock Condition:	(OK)	Repair Required:
Inner Casing Condition:	(OK)	Repair Required:
Surface Seal Condition:	(OK)	Repair Required:

Other:

Purge Information

Purging Method (Circle one): Stainless Steel Bailer Peristaltic Pump Sample Port (Pumping Wells Only)
Teflon Bailer Polyethylene Bailer Other:

Well Volume	Gallons Purged (gal)	Temperature (deg C)	Specific Conductivity (mS/cm)	Turbidity (NTU's)	Comments

Comments: Amount purged

Sampling Information

Date: 4/15/15	Time Sampled: 13a	Field Personnel: R C Becken

Measured Water Level (TOR ft.): 19.21

Sampling Method (Circle one): Stainless Steel Bailer Peristaltic Pump Sample Port (Pumping Wells Only)
Teflon Bailer (Polyethylene Bailer) Other:

Sample I.D.	Temperature (deg C)	pH (S.U.)	Specific Conductivity (mS/cm)	Turbidity (NTU's)	Comments
PW-1	55.1	6.43	1.07	1.48	

QA/QC Samples Taken:

Comments:

Signature

Sampler (Print): Richard C. Becken	Sampler (signature): Richard C Becken	Date: 4/15/15

O&M Enterprises, Inc.
MONITORING WELL SAMPLING FIELD FORM
BP, Sanborn, NY

Monitoring Well I.D.: PW-3	Date: 4/15/15	Time Started: 1120	Field Personnel: RC Becken
Weather Conditions: clear warm			
Comments:			

Initial Readings

Measured Well Bottom (TOR - ft)	Riser Pipe Diameter (in) 6 ~~2~~ in.			
Measured Water Level (TOR - ft)	Conversion Factor (gal/lineal ft)	1.25" = 0.08	2" = 0.17	3" = 0.38
Calculated Water Column Height (ft)	(Circle One)	4" = 0.66	6" = 1.50	8" = 2.60
One Well Volume (gals.)	FiveWell Volumes (gals.)			
Notes:				

Well Conditions

Well Riser Type (Circle one):	Stainless Steel / Carbon Steel / PVC	
Casing Condition:	OK	Repair Required:
Cap Condition:	OK	Repair Required: NA
Paint Condition:	OK	Repair Required: NA
Lock Condition:	OK	Repair Required:
Inner Casing Condition:	OK	Repair Required:
Surface Seal Condition:	OK	Repair Required:
Other:		

Purge Information

Purging Method (Circle one): Stainless Steel Bailer / Peristaltic Pump / Sample Port (Pumping Wells Only) / Teflon Bailer / Polyethylene Bailer / Other:

Well Volume	Gallons Purged (gal)	Temperature (deg C)	Specific Conductivity (mS/cm)	Turbidity (NTU's)	Comments

Comments: Amount purged

Sampling Information

Date: 4/15/15	Time Sampled: 1115	Field Personnel: R C Becken
Measured Water Level (TOR ft.):		

Sampling Method (Circle one): Stainless Steel Bailer / Peristaltic Pump / Sample Port (Pumping Wells Only) / Teflon Bailer / Polyethylene Bailer / Other:

Sample I.D.	Temperature (deg C)	pH (S.U.)	Specific Conductivity (mS/cm)	Turbidity (NTU's)	Comments
PW-3	52.5	6.45	1.90	1.29	

QA/QC Samples Taken:

Comments:

Signature

Sampler (Print): Richard C. Becken	Sampler (signature): Richard C Becken	Date: 4/15/15

O&M Enterprises, Inc.
MONITORING WELL SAMPLING FIELD FORM
BP, Sanborn, NY

Monitoring Well I.D.: PW-4	Date: 4/14/15	Time Started: 1430	Field Personnel: RC Becken
Weather Conditions: clear sunny warm			
Comments:			

Initial Readings

Measured Well Bottom (TOR - ft)	Riser Pipe Diameter (in) 2 in.			
Measured Water Level (TOR - ft)	Conversion Factor (gal/lineal ft)	1.25" = 0.08	2" = 0.17	3" = 0.38
Calculated Water Column Height (ft)	(Circle One)	4" = 0.66	6" = 1.50	8" = 2.60
One Well Volume (gals.)	FiveWell Volumes (gals.)			
Notes:				

Well Conditions

Well Riser Type (Circle one):	Stainless Steel / Carbon Steel / PVC	
Casing Condition:	OK	Repair Required:
Cap Condition:	OK	Repair Required:
Paint Condition:	OK	Repair Required:
Lock Condition:	OK	Repair Required:
Inner Casing Condition:	OK	Repair Required:
Surface Seal Condition:	OK	Repair Required:
Other:		

Purge Information

Purging Method (Circle one): Stainless Steel Bailer / Peristaltic Pump / Sample Port (Pumping Wells Only) / Teflon Bailer / Polyethylene Bailer / Other:

Well Volume	Gallons Purged (gal)	Temperature (deg C)	Specific Conductivity (mS/cm)	Turbidity (NTU's)	Comments

Comments: Amount purged

Sampling Information

Date: 4/14/15	Time Sampled: 1430	Field Personnel: R C Becken	
Measured Water Level (TOR ft.): 5.36			

Sampling Method (Circle one): Stainless Steel Bailer / Peristaltic Pump / Sample Port (Pumping Wells Only) / Teflon Bailer / Polyethylene Bailer / Other:

Sample I.D.	Temperature (deg C)	pH (S.U.)	Specific Conductivity (mS/cm)	Turbidity (NTU's)	Comments
PW-4	52.9	6.49	0.78	207	

QA/QC Samples Taken:

Comments:

Signature

Sampler (Print): Richard C. Becken	*Sampler (signature):* Richard C Becken	Date: 4/14/15

O&M Enterprises, Inc.
MONITORING WELL SAMPLING FIELD FORM
BP, Sanborn, NY

Monitoring Well I.D.: Quarry Pond	Date: 9/15/15	Time Started: 0810	Field Personnel: RC Becken
Weather Conditions: Sunny clear cool			
Comments:			

Initial Readings

Measured Well Bottom (TOR - ft)	Riser Pipe Diameter (in) 2 in.			
Measured Water Level (TOR - ft)	Conversion Factor (gal/lineal ft)	1.25" = 0.08	2" = 0.17	3" = 0.38
Calculated Water Column Height (ft)	(Circle One)	4" = 0.66	6" = 1.50	8" = 2.60
One Well Volume (gals.)	FiveWell Volumes (gals.)			
Notes:				

Well Conditions

Well Riser Type (Circle one):	Stainless Steel	Carbon Steel	PVC
Casing Condition:	OK	Repair Required:	
Cap Condition:	OK	Repair Required:	
Paint Condition:	OK	Repair Required:	
Lock Condition:	OK	Repair Required:	
Inner Casing Condition:	OK	Repair Required:	
Surface Seal Condition:	OK	Repair Required:	
Other:			

Purge Information

Purging Method (Circle one): Stainless Steel Bailer | Peristaltic Pump | Sample Port (Pumping Wells Only)
Teflon Bailer | Polyethylene Bailer | Other:

Well Volume	Gallons Purged (gal)	Temperature (deg C)	Specific Conductivity (mS/cm)	Turbidity (NTU's)	Comments

Comments: Amount purged

Sampling Information

Date: 9/15/15	Time Sampled: 0810	Field Personnel: R C Becken
Measured Water Level (TOR ft.):		

Sampling Method (Circle one): Stainless Steel Bailer | Peristaltic Pump | Sample Port (Pumping Wells Only)
Teflon Bailer | Polyethylene Bailer | Other:

Sample I.D.	Temperature (deg C)	pH (S.U.)	Specific Conductivity (mS/cm)	Turbidity (NTU's)	Comments
Quarry Pond	52.9	6.54	1.79	6.91	

QA/QC Samples Taken:
Comments:

Signature

Sampler (Print): Richard C. Becken	Sampler (signature): Richard C Becken	Date: 9/15/15

O&M Enterprises, Inc.
MONITORING WELL SAMPLING FIELD FORM
BP, Sanborn, NY

Monitoring Well I.D.: T002	Date: 4/15/15	Time Started: 1330	Field Personnel: RC Becken
Weather Conditions: sunny clear warm			
Comments:			

Initial Readings

Measured Well Bottom (TOR - ft)	Riser Pipe Diameter (in) 2 in.			
Measured Water Level (TOR - ft)	Conversion Factor (gal/lineal ft)	1.25" = 0.08	2" = 0.17	3" = 0.38
Calculated Water Column Height (ft)	(Circle One)	4" = 0.66	6" = 1.50	8" = 2.60
One Well Volume (gals.)	FiveWell Volumes (gals.)			
Notes:				

Well Conditions

Well Riser Type (Circle one): Stainless Steel Carbon Steel PVC

Casing Condition:	OK	Repair Required:
Cap Condition:	OK	Repair Required:
Paint Condition:	OK	Repair Required:
Lock Condition:	OK	Repair Required:
Inner Casing Condition:	OK	Repair Required:
Surface Seal Condition:	OK	Repair Required:

Other:

Purge Information

Purging Method (Circle one): Stainless Steel Bailer Peristaltic Pump Sample Port (Pumping Wells Only)
Teflon Bailer Polyethylene Bailer Other:

Well Volume	Gallons Purged (gal)	Temperature (deg C)	Specific Conductivity (mS/cm)	Turbidity (NTU's)	Comments

Comments: Amount purged

Sampling Information

Date: 4/15/15	Time Sampled: 1330	Field Personnel: R C Becken

Measured Water Level (TOR ft.):

Sampling Method (Circle one): Stainless Steel Bailer Peristaltic Pump Sample Port (Pumping Wells Only)
Teflon Bailer Polyethylene Bailer Other:

Sample I.D.	Temperature (deg C)	pH (S.U.)	Specific Conductivity (mS/cm)	Turbidity (NTU's)	Comments
T002	61.0	6.85	1.91	8.65	

QA/QC Samples Taken: MS + MSD

Comments:

Signature

Sampler (Print): Richard C. Becken	Sampler (signature): Richard C Becken	Date: 4/15/15

APPENDIX B

LABORATORY DATA REPORTS

ANALYTICAL RESULTS

Prepared by:

Eurofins Lancaster Laboratories Environmental
2425 New Holland Pike
Lancaster, PA 17601

Prepared for:

Atlantic Richfield(Parsons-NY)
BP Corporation
501 WestLake Park Blvd
Houston TX 77079

April 28, 2015

Project: BP Sanborn

Submittal Date: 04/15/2015
Group Number: 1553314
PO Number: D00B4-0006
Release Number: TEELING
State of Sample Origin: NY

Client Sample Description	Lancaster Labs (LL) #
PW-4 Water	7847240
P-4 Water	7847241
P-3 Water	7847242
Field Dup 1 Water	7847243
B-9M Water	7847244
B-6M Water	7847245
B-57M Water	7847246
B-24M Water	7847247
B-24M Matrix Spike Water	7847248
B-24M Matrix Spike Dup Water	7847249
B-56M Water	7847250

The specific methodologies used in obtaining the enclosed analytical results are indicated on the Laboratory Sample Analysis Record.

Regulatory agencies do not accredit laboratories for all methods, analytes, and matrices. Our scopes of accreditation can be viewed at http://www.eurofinsus.com/environment-testing/laboratories/eurofins-lancaster-laboratories-environmental/resources/certifications/ .

ELECTRONIC COPY TO	Parsons	Attn: George Hermance
ELECTRONIC COPY TO	Parsons	Attn: Lorraine Weber
ELECTRONIC COPY TO	Parsons	Attn: Eric Felter
ELECTRONIC COPY TO	Parsons	Attn: Doug Taylor

Respectfully Submitted,

Kaitlin N. Plasterer
Specialist

(717) 556-7323

Project Name: BP Sanborn
LL Group #: 1553314

General Comments:

Through our technical processes and second person review of data, we have established that our data/deliverables are in compliance with the methods and project requirements unless otherwise noted or previously resolved with the client. The compliance signature is located on the cover page of the Analysis Reports.

See the Laboratory Sample Analysis Record section of the Analysis Report for the method references.

All QC met criteria unless otherwise noted in an Analysis Specific Comment below. Refer to the QC Summary for specific values and acceptance criteria.

Project specific QC samples are included in this data set

Matrix QC may not be reported if site-specific QC samples were not submitted. In these situations, to demonstrate precision and accuracy at a batch level, a LCS/LCSD was performed, unless otherwise specified in the method.

Surrogate recoveries (if applicable) which are outside of the QC window are confirmed unless attributed to a dilution or otherwise noted in an Analysis Specific Comment below.

The samples were received at the appropriate temperature and in accordance with the chain of custody unless otherwise noted.

Analysis Specific Comments:

SW-846 8260C, GC/MS Volatiles

Batch #: L151061AA (Sample number(s): 7847240-7847250 UNSPK: 7847247)

The recovery(ies) for the following analyte(s) in the MS and/or MSD was outside the acceptance window: Trichloroethene, Bromomethane

Batch #: L151101AA (Sample number(s): 7847246 UNSPK: P849428)

The recovery(ies) for the following analyte(s) in the MS and/or MSD was outside the acceptance window: Trichloroethene

Sample Description: PW-4 Water
BP Sanborn COC: R219329
2040 Cory Drive - Sanborn, NY

LL Sample # WW 7847240
LL Group # 1553314
Account # 12495

Project Name: BP Sanborn

Collected: 04/14/2015 14:30 by RCB

Submitted: 04/15/2015 09:30
Reported: 04/28/2015 19:27

Atlantic Richfield(Parsons-NY)
BP Corporation
501 WestLake Park Blvd
Houston TX 77079

-PW4-

CAT No.	Analysis Name	CAS Number	Result	Method Detection Limit*	Limit of Quantitation	Dilution Factor
GC/MS Volatiles	**SW-846 8260C**		**ug/l**	**ug/l**	**ug/l**	
11997	Benzyl Chloride	100-44-7	N.D.	1.0	5.0	1
11997	Bromobenzene	108-86-1	N.D.	1.0	5.0	1
11997	Bromodichloromethane	75-27-4	N.D.	0.50	1.0	1
11997	Bromoform	75-25-2	N.D.	0.50	4.0	1
11997	Bromomethane	74-83-9	N.D.	0.50	1.0	1
11997	Carbon Tetrachloride	56-23-5	N.D.	0.50	1.0	1
11997	Chlorobenzene	108-90-7	N.D.	0.50	1.0	1
11997	Chloroethane	75-00-3	N.D.	0.50	1.0	1
11997	2-Chloroethyl Vinyl Ether	110-75-8	N.D.	2.0	10	1
	2-Chloroethyl vinyl ether may not be recovered if acid was used to preserve this sample.					
11997	Chloroform	67-66-3	0.70 J	0.50	1.0	1
11997	Chloromethane	74-87-3	N.D.	0.50	1.0	1
11997	Dibromochloromethane	124-48-1	N.D.	0.50	1.0	1
11997	Dibromomethane	74-95-3	N.D.	0.50	1.0	1
11997	1,2-Dichlorobenzene	95-50-1	N.D.	1.0	5.0	1
11997	1,3-Dichlorobenzene	541-73-1	N.D.	1.0	5.0	1
11997	1,4-Dichlorobenzene	106-46-7	N.D.	1.0	5.0	1
11997	Dichlorodifluoromethane	75-71-8	N.D.	0.50	1.0	1
11997	1,1-Dichloroethane	75-34-3	N.D.	0.50	1.0	1
11997	1,2-Dichloroethane	107-06-2	N.D.	0.50	1.0	1
11997	1,1-Dichloroethene	75-35-4	N.D.	0.50	1.0	1
11997	cis-1,2-Dichloroethene	156-59-2	1.7	0.50	1.0	1
11997	trans-1,2-Dichloroethene	156-60-5	N.D.	0.50	1.0	1
11997	1,2-Dichloropropane	78-87-5	N.D.	0.50	1.0	1
11997	cis-1,3-Dichloropropene	10061-01-5	N.D.	0.50	1.0	1
11997	trans-1,3-Dichloropropene	10061-02-6	N.D.	0.50	1.0	1
11997	Methylene Chloride	75-09-2	N.D.	2.0	4.0	1
11997	1,1,1,2-Tetrachloroethane	630-20-6	N.D.	0.50	1.0	1
11997	1,1,2,2-Tetrachloroethane	79-34-5	N.D.	0.50	1.0	1
11997	Tetrachloroethene	127-18-4	N.D.	0.50	1.0	1
11997	1,1,1-Trichloroethane	71-55-6	N.D.	0.50	1.0	1
11997	1,1,2-Trichloroethane	79-00-5	N.D.	0.50	1.0	1
11997	Trichloroethene	79-01-6	19	0.50	1.0	1
11997	Trichlorofluoromethane	75-69-4	N.D.	0.50	1.0	1
11997	1,2,3-Trichloropropane	96-18-4	N.D.	1.0	5.0	1
11997	Vinyl Chloride	75-01-4	N.D.	0.50	1.0	1

General Sample Comments

State of New York Certification No. 10670

All QC is compliant unless otherwise noted. Please refer to the Quality Control Summary for overall QC performance data and associated samples.

*=This limit was used in the evaluation of the final result

Sample Description: PW-4 Water
BP Sanborn COC: R219329
2040 Cory Drive - Sanborn, NY

LL Sample # WW 7847240
LL Group # 1553314
Account # 12495

Project Name: BP Sanborn

Collected: 04/14/2015 14:30 by RCB

Submitted: 04/15/2015 09:30
Reported: 04/28/2015 19:27

Atlantic Richfield(Parsons-NY)
BP Corporation
501 WestLake Park Blvd
Houston TX 77079

-PW4-

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
11997	VOCs Parsons' Specs 8260C	SW-846 8260C	1	L151061AA	04/16/2015 20:11	Caitlin M Carmody	1
01163	GC/MS VOA Water Prep	SW-846 5030C	1	L151061AA	04/16/2015 20:11	Caitlin M Carmody	1

*=This limit was used in the evaluation of the final result

Sample Description: P-4 Water
BP Sanborn COC: R219329
2040 Cory Drive - Sanborn, NY

LL Sample # WW 7847241
LL Group # 1553314
Account # 12495

Project Name: BP Sanborn

Collected: 04/14/2015 14:10 by RCB

Submitted: 04/15/2015 09:30
Reported: 04/28/2015 19:27

Atlantic Richfield(Parsons-NY)
BP Corporation
501 WestLake Park Blvd
Houston TX 77079

--P4-

CAT No.	Analysis Name	CAS Number	Result		Method Detection Limit*	Limit of Quantitation	Dilution Factor
GC/MS Volatiles	**SW-846 8260C**		**ug/l**		**ug/l**	**ug/l**	
11997	Benzyl Chloride	100-44-7	N.D.		1.0	5.0	1
11997	Bromobenzene	108-86-1	N.D.		1.0	5.0	1
11997	Bromodichloromethane	75-27-4	N.D.		0.50	1.0	1
11997	Bromoform	75-25-2	N.D.		0.50	4.0	1
11997	Bromomethane	74-83-9	N.D.		0.50	1.0	1
11997	Carbon Tetrachloride	56-23-5	N.D.		0.50	1.0	1
11997	Chlorobenzene	108-90-7	N.D.		0.50	1.0	1
11997	Chloroethane	75-00-3	N.D.		0.50	1.0	1
11997	2-Chloroethyl Vinyl Ether	110-75-8	N.D.		2.0	10	1
	2-Chloroethyl vinyl ether may not be recovered if acid was used to preserve this sample.						
11997	Chloroform	67-66-3	0.87	J	0.50	1.0	1
11997	Chloromethane	74-87-3	N.D.		0.50	1.0	1
11997	Dibromochloromethane	124-48-1	N.D.		0.50	1.0	1
11997	Dibromomethane	74-95-3	N.D.		0.50	1.0	1
11997	1,2-Dichlorobenzene	95-50-1	N.D.		1.0	5.0	1
11997	1,3-Dichlorobenzene	541-73-1	N.D.		1.0	5.0	1
11997	1,4-Dichlorobenzene	106-46-7	N.D.		1.0	5.0	1
11997	Dichlorodifluoromethane	75-71-8	N.D.		0.50	1.0	1
11997	1,1-Dichloroethane	75-34-3	14		0.50	1.0	1
11997	1,2-Dichloroethane	107-06-2	N.D.		0.50	1.0	1
11997	1,1-Dichloroethene	75-35-4	3.8		0.50	1.0	1
11997	cis-1,2-Dichloroethene	156-59-2	270		5.0	10	10
11997	trans-1,2-Dichloroethene	156-60-5	4.9		0.50	1.0	1
11997	1,2-Dichloropropane	78-87-5	N.D.		0.50	1.0	1
11997	cis-1,3-Dichloropropene	10061-01-5	N.D.		0.50	1.0	1
11997	trans-1,3-Dichloropropene	10061-02-6	N.D.		0.50	1.0	1
11997	Methylene Chloride	75-09-2	N.D.		2.0	4.0	1
11997	1,1,1,2-Tetrachloroethane	630-20-6	N.D.		0.50	1.0	1
11997	1,1,2,2-Tetrachloroethane	79-34-5	N.D.		0.50	1.0	1
11997	Tetrachloroethene	127-18-4	1.3		0.50	1.0	1
11997	1,1,1-Trichloroethane	71-55-6	15		0.50	1.0	1
11997	1,1,2-Trichloroethane	79-00-5	N.D.		0.50	1.0	1
11997	Trichloroethene	79-01-6	1,300		5.0	10	10
11997	Trichlorofluoromethane	75-69-4	N.D.		0.50	1.0	1
11997	1,2,3-Trichloropropane	96-18-4	N.D.		1.0	5.0	1
11997	Vinyl Chloride	75-01-4	0.87	J	0.50	1.0	1

General Sample Comments

State of New York Certification No. 10670

All QC is compliant unless otherwise noted. Please refer to the Quality Control Summary for overall QC performance data and associated samples.

*=This limit was used in the evaluation of the final result

Sample Description: P-4 Water
BP Sanborn COC: R219329
2040 Cory Drive - Sanborn, NY

LL Sample # WW 7847241
LL Group # 1553314
Account # 12495

Project Name: BP Sanborn

Collected: 04/14/2015 14:10 by RCB

Submitted: 04/15/2015 09:30
Reported: 04/28/2015 19:27

Atlantic Richfield(Parsons-NY)
BP Corporation
501 WestLake Park Blvd
Houston TX 77079

--P4-

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
11997	VOCs Parsons' Specs 8260C	SW-846 8260C	1	L151061AA	04/16/2015 20:33	Caitlin M Carmody	1
11997	VOCs Parsons' Specs 8260C	SW-846 8260C	1	L151061AA	04/16/2015 20:55	Caitlin M Carmody	10
01163	GC/MS VOA Water Prep	SW-846 5030C	1	L151061AA	04/16/2015 20:33	Caitlin M Carmody	1
01163	GC/MS VOA Water Prep	SW-846 5030C	2	L151061AA	04/16/2015 20:55	Caitlin M Carmody	10

*=This limit was used in the evaluation of the final result

Sample Description: P-3 Water
BP Sanborn COC: R219329
2040 Cory Drive - Sanborn, NY

LL Sample # WW 7847242
LL Group # 1553314
Account # 12495

Project Name: BP Sanborn

Collected: 04/14/2015 13:35 by RCB

Submitted: 04/15/2015 09:30
Reported: 04/28/2015 19:27

Atlantic Richfield(Parsons-NY)
BP Corporation
501 WestLake Park Blvd
Houston TX 77079

--P3-

CAT No.	Analysis Name	CAS Number	Result	Method Detection Limit*	Limit of Quantitation	Dilution Factor
GC/MS Volatiles	**SW-846 8260C**		**ug/l**	**ug/l**	**ug/l**	
11997	Benzyl Chloride	100-44-7	N.D.	1.0	5.0	1
11997	Bromobenzene	108-86-1	N.D.	1.0	5.0	1
11997	Bromodichloromethane	75-27-4	N.D.	0.50	1.0	1
11997	Bromoform	75-25-2	N.D.	0.50	4.0	1
11997	Bromomethane	74-83-9	N.D.	0.50	1.0	1
11997	Carbon Tetrachloride	56-23-5	N.D.	0.50	1.0	1
11997	Chlorobenzene	108-90-7	N.D.	0.50	1.0	1
11997	Chloroethane	75-00-3	N.D.	0.50	1.0	1
11997	2-Chloroethyl Vinyl Ether	110-75-8	N.D.	2.0	10	1
	2-Chloroethyl vinyl ether may not be recovered if acid was used to preserve this sample.					
11997	Chloroform	67-66-3	N.D.	0.50	1.0	1
11997	Chloromethane	74-87-3	N.D.	0.50	1.0	1
11997	Dibromochloromethane	124-48-1	N.D.	0.50	1.0	1
11997	Dibromomethane	74-95-3	N.D.	0.50	1.0	1
11997	1,2-Dichlorobenzene	95-50-1	N.D.	1.0	5.0	1
11997	1,3-Dichlorobenzene	541-73-1	N.D.	1.0	5.0	1
11997	1,4-Dichlorobenzene	106-46-7	N.D.	1.0	5.0	1
11997	Dichlorodifluoromethane	75-71-8	N.D.	0.50	1.0	1
11997	1,1-Dichloroethane	75-34-3	N.D.	0.50	1.0	1
11997	1,2-Dichloroethane	107-06-2	N.D.	0.50	1.0	1
11997	1,1-Dichloroethene	75-35-4	N.D.	0.50	1.0	1
11997	cis-1,2-Dichloroethene	156-59-2	45	0.50	1.0	1
11997	trans-1,2-Dichloroethene	156-60-5	3.4	0.50	1.0	1
11997	1,2-Dichloropropane	78-87-5	N.D.	0.50	1.0	1
11997	cis-1,3-Dichloropropene	10061-01-5	N.D.	0.50	1.0	1
11997	trans-1,3-Dichloropropene	10061-02-6	N.D.	0.50	1.0	1
11997	Methylene Chloride	75-09-2	N.D.	2.0	4.0	1
11997	1,1,1,2-Tetrachloroethane	630-20-6	N.D.	0.50	1.0	1
11997	1,1,2,2-Tetrachloroethane	79-34-5	N.D.	0.50	1.0	1
11997	Tetrachloroethene	127-18-4	N.D.	0.50	1.0	1
11997	1,1,1-Trichloroethane	71-55-6	N.D.	0.50	1.0	1
11997	1,1,2-Trichloroethane	79-00-5	N.D.	0.50	1.0	1
11997	Trichloroethene	79-01-6	N.D.	0.50	1.0	1
11997	Trichlorofluoromethane	75-69-4	N.D.	0.50	1.0	1
11997	1,2,3-Trichloropropane	96-18-4	N.D.	1.0	5.0	1
11997	Vinyl Chloride	75-01-4	7.9	0.50	1.0	1

General Sample Comments

State of New York Certification No. 10670

All QC is compliant unless otherwise noted. Please refer to the Quality Control Summary for overall QC performance data and associated samples.

*=This limit was used in the evaluation of the final result

Sample Description: P-3 Water
BP Sanborn COC: R219329
2040 Cory Drive - Sanborn, NY

LL Sample # WW 7847242
LL Group # 1553314
Account # 12495

Project Name: BP Sanborn

Collected: 04/14/2015 13:35 by RCB

Submitted: 04/15/2015 09:30
Reported: 04/28/2015 19:27

Atlantic Richfield(Parsons-NY)
BP Corporation
501 WestLake Park Blvd
Houston TX 77079

--P3-

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
11997	VOCs Parsons' Specs 8260C	SW-846 8260C	1	L151061AA	04/16/2015 21:17	Caitlin M Carmody	1
01163	GC/MS VOA Water Prep	SW-846 5030C	1	L151061AA	04/16/2015 21:17	Caitlin M Carmody	1

*=This limit was used in the evaluation of the final result

Sample Description: Field Dup 1 Water
BP Sanborn COC: R219329
2040 Cory Drive - Sanborn, NY

LL Sample # WW 7847243
LL Group # 1553314
Account # 12495

Project Name: BP Sanborn

Collected: 04/14/2015 by RCB

Submitted: 04/15/2015 09:30
Reported: 04/28/2015 19:27

Atlantic Richfield(Parsons-NY)
BP Corporation
501 WestLake Park Blvd
Houston TX 77079

FD1--

CAT No.	Analysis Name	CAS Number	Result	Method Detection Limit*	Limit of Quantitation	Dilution Factor
GC/MS Volatiles	**SW-846 8260C**		**ug/l**	**ug/l**	**ug/l**	
11997	Benzyl Chloride	100-44-7	N.D.	1.0	5.0	1
11997	Bromobenzene	108-86-1	N.D.	1.0	5.0	1
11997	Bromodichloromethane	75-27-4	N.D.	0.50	1.0	1
11997	Bromoform	75-25-2	N.D.	0.50	4.0	1
11997	Bromomethane	74-83-9	N.D.	0.50	1.0	1
11997	Carbon Tetrachloride	56-23-5	N.D.	0.50	1.0	1
11997	Chlorobenzene	108-90-7	N.D.	0.50	1.0	1
11997	Chloroethane	75-00-3	N.D.	0.50	1.0	1
11997	2-Chloroethyl Vinyl Ether	110-75-8	N.D.	2.0	10	1
	2-Chloroethyl vinyl ether may not be recovered if acid was used to preserve this sample.					
11997	Chloroform	67-66-3	N.D.	0.50	1.0	1
11997	Chloromethane	74-87-3	N.D.	0.50	1.0	1
11997	Dibromochloromethane	124-48-1	N.D.	0.50	1.0	1
11997	Dibromomethane	74-95-3	N.D.	0.50	1.0	1
11997	1,2-Dichlorobenzene	95-50-1	N.D.	1.0	5.0	1
11997	1,3-Dichlorobenzene	541-73-1	N.D.	1.0	5.0	1
11997	1,4-Dichlorobenzene	106-46-7	N.D.	1.0	5.0	1
11997	Dichlorodifluoromethane	75-71-8	N.D.	0.50	1.0	1
11997	1,1-Dichloroethane	75-34-3	N.D.	0.50	1.0	1
11997	1,2-Dichloroethane	107-06-2	N.D.	0.50	1.0	1
11997	1,1-Dichloroethene	75-35-4	N.D.	0.50	1.0	1
11997	cis-1,2-Dichloroethene	156-59-2	10	0.50	1.0	1
11997	trans-1,2-Dichloroethene	156-60-5	N.D.	0.50	1.0	1
11997	1,2-Dichloropropane	78-87-5	N.D.	0.50	1.0	1
11997	cis-1,3-Dichloropropene	10061-01-5	N.D.	0.50	1.0	1
11997	trans-1,3-Dichloropropene	10061-02-6	N.D.	0.50	1.0	1
11997	Methylene Chloride	75-09-2	N.D.	2.0	4.0	1
11997	1,1,1,2-Tetrachloroethane	630-20-6	N.D.	0.50	1.0	1
11997	1,1,2,2-Tetrachloroethane	79-34-5	N.D.	0.50	1.0	1
11997	Tetrachloroethene	127-18-4	N.D.	0.50	1.0	1
11997	1,1,1-Trichloroethane	71-55-6	N.D.	0.50	1.0	1
11997	1,1,2-Trichloroethane	79-00-5	N.D.	0.50	1.0	1
11997	Trichloroethene	79-01-6	52	0.50	1.0	1
11997	Trichlorofluoromethane	75-69-4	N.D.	0.50	1.0	1
11997	1,2,3-Trichloropropane	96-18-4	N.D.	1.0	5.0	1
11997	Vinyl Chloride	75-01-4	N.D.	0.50	1.0	1

General Sample Comments

State of New York Certification No. 10670

All QC is compliant unless otherwise noted. Please refer to the Quality Control Summary for overall QC performance data and associated samples.

*=This limit was used in the evaluation of the final result

Sample Description: Field Dup 1 Water
BP Sanborn COC: R219329
2040 Cory Drive - Sanborn, NY

LL Sample # WW 7847243
LL Group # 1553314
Account # 12495

Project Name: BP Sanborn

Collected: 04/14/2015 by RCB

Submitted: 04/15/2015 09:30
Reported: 04/28/2015 19:27

Atlantic Richfield(Parsons-NY)
BP Corporation
501 WestLake Park Blvd
Houston TX 77079

FD1--

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
11997	VOCs Parsons' Specs 8260C	SW-846 8260C	1	L151061AA	04/16/2015 21:40	Caitlin M Carmody	1
01163	GC/MS VOA Water Prep	SW-846 5030C	1	L151061AA	04/16/2015 21:40	Caitlin M Carmody	1

*=This limit was used in the evaluation of the final result

Sample Description: B-9M Water
BP Sanborn COC: R219329
2040 Cory Drive - Sanborn, NY

LL Sample # WW 7847244
LL Group # 1553314
Account # 12495

Project Name: BP Sanborn

Collected: 04/14/2015 13:25 by RCB

Submitted: 04/15/2015 09:30
Reported: 04/28/2015 19:27

Atlantic Richfield(Parsons-NY)
BP Corporation
501 WestLake Park Blvd
Houston TX 77079

B9M--

CAT No.	Analysis Name	CAS Number	Result	Method Detection Limit*	Limit of Quantitation	Dilution Factor
GC/MS Volatiles	**SW-846 8260C**		**ug/l**	**ug/l**	**ug/l**	
11997	Benzyl Chloride	100-44-7	N.D.	1.0	5.0	1
11997	Bromobenzene	108-86-1	N.D.	1.0	5.0	1
11997	Bromodichloromethane	75-27-4	N.D.	0.50	1.0	1
11997	Bromoform	75-25-2	N.D.	0.50	4.0	1
11997	Bromomethane	74-83-9	N.D.	0.50	1.0	1
11997	Carbon Tetrachloride	56-23-5	N.D.	0.50	1.0	1
11997	Chlorobenzene	108-90-7	N.D.	0.50	1.0	1
11997	Chloroethane	75-00-3	N.D.	0.50	1.0	1
11997	2-Chloroethyl Vinyl Ether	110-75-8	N.D.	2.0	10	1
	2-Chloroethyl vinyl ether may not be recovered if acid was used to preserve this sample.					
11997	Chloroform	67-66-3	N.D.	0.50	1.0	1
11997	Chloromethane	74-87-3	N.D.	0.50	1.0	1
11997	Dibromochloromethane	124-48-1	N.D.	0.50	1.0	1
11997	Dibromomethane	74-95-3	N.D.	0.50	1.0	1
11997	1,2-Dichlorobenzene	95-50-1	N.D.	1.0	5.0	1
11997	1,3-Dichlorobenzene	541-73-1	N.D.	1.0	5.0	1
11997	1,4-Dichlorobenzene	106-46-7	N.D.	1.0	5.0	1
11997	Dichlorodifluoromethane	75-71-8	N.D.	0.50	1.0	1
11997	1,1-Dichloroethane	75-34-3	N.D.	0.50	1.0	1
11997	1,2-Dichloroethane	107-06-2	N.D.	0.50	1.0	1
11997	1,1-Dichloroethene	75-35-4	N.D.	0.50	1.0	1
11997	cis-1,2-Dichloroethene	156-59-2	2.8	0.50	1.0	1
11997	trans-1,2-Dichloroethene	156-60-5	N.D.	0.50	1.0	1
11997	1,2-Dichloropropane	78-87-5	N.D.	0.50	1.0	1
11997	cis-1,3-Dichloropropene	10061-01-5	N.D.	0.50	1.0	1
11997	trans-1,3-Dichloropropene	10061-02-6	N.D.	0.50	1.0	1
11997	Methylene Chloride	75-09-2	N.D.	2.0	4.0	1
11997	1,1,1,2-Tetrachloroethane	630-20-6	N.D.	0.50	1.0	1
11997	1,1,2,2-Tetrachloroethane	79-34-5	N.D.	0.50	1.0	1
11997	Tetrachloroethene	127-18-4	N.D.	0.50	1.0	1
11997	1,1,1-Trichloroethane	71-55-6	N.D.	0.50	1.0	1
11997	1,1,2-Trichloroethane	79-00-5	N.D.	0.50	1.0	1
11997	Trichloroethene	79-01-6	5.4	0.50	1.0	1
11997	Trichlorofluoromethane	75-69-4	N.D.	0.50	1.0	1
11997	1,2,3-Trichloropropane	96-18-4	N.D.	1.0	5.0	1
11997	Vinyl Chloride	75-01-4	N.D.	0.50	1.0	1

General Sample Comments

State of New York Certification No. 10670

All QC is compliant unless otherwise noted. Please refer to the Quality Control Summary for overall QC performance data and associated samples.

*=This limit was used in the evaluation of the final result

Sample Description: B-9M Water
BP Sanborn COC: R219329
2040 Cory Drive - Sanborn, NY

LL Sample # WW 7847244
LL Group # 1553314
Account # 12495

Project Name: BP Sanborn

Collected: 04/14/2015 13:25 by RCB

Submitted: 04/15/2015 09:30
Reported: 04/28/2015 19:27

Atlantic Richfield(Parsons-NY)
BP Corporation
501 WestLake Park Blvd
Houston TX 77079

B9M--

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
11997	VOCs Parsons' Specs 8260C	SW-846 8260C	1	L151061AA	04/16/2015 22:02	Caitlin M Carmody	1
01163	GC/MS VOA Water Prep	SW-846 5030C	1	L151061AA	04/16/2015 22:02	Caitlin M Carmody	1

*=This limit was used in the evaluation of the final result

Sample Description: B-6M Water
BP Sanborn COC: R219329
2040 Cory Drive - Sanborn, NY

LL Sample # WW 7847245
LL Group # 1553314
Account # 12495

Project Name: BP Sanborn

Collected: 04/14/2015 12:20 by RCB

Submitted: 04/15/2015 09:30
Reported: 04/28/2015 19:27

Atlantic Richfield(Parsons-NY)
BP Corporation
501 WestLake Park Blvd
Houston TX 77079

B6M--

CAT No.	Analysis Name	CAS Number	Result	Method Detection Limit*	Limit of Quantitation	Dilution Factor
GC/MS Volatiles	**SW-846 8260C**		**ug/l**	**ug/l**	**ug/l**	
11997	Benzyl Chloride	100-44-7	N.D.	1.0	5.0	1
11997	Bromobenzene	108-86-1	N.D.	1.0	5.0	1
11997	Bromodichloromethane	75-27-4	N.D.	0.50	1.0	1
11997	Bromoform	75-25-2	N.D.	0.50	4.0	1
11997	Bromomethane	74-83-9	N.D.	0.50	1.0	1
11997	Carbon Tetrachloride	56-23-5	N.D.	0.50	1.0	1
11997	Chlorobenzene	108-90-7	N.D.	0.50	1.0	1
11997	Chloroethane	75-00-3	N.D.	0.50	1.0	1
11997	2-Chloroethyl Vinyl Ether	110-75-8	N.D.	2.0	10	1
	2-Chloroethyl vinyl ether may not be recovered if acid was used to preserve this sample.					
11997	Chloroform	67-66-3	N.D.	0.50	1.0	1
11997	Chloromethane	74-87-3	N.D.	0.50	1.0	1
11997	Dibromochloromethane	124-48-1	N.D.	0.50	1.0	1
11997	Dibromomethane	74-95-3	N.D.	0.50	1.0	1
11997	1,2-Dichlorobenzene	95-50-1	N.D.	1.0	5.0	1
11997	1,3-Dichlorobenzene	541-73-1	N.D.	1.0	5.0	1
11997	1,4-Dichlorobenzene	106-46-7	N.D.	1.0	5.0	1
11997	Dichlorodifluoromethane	75-71-8	N.D.	0.50	1.0	1
11997	1,1-Dichloroethane	75-34-3	N.D.	0.50	1.0	1
11997	1,2-Dichloroethane	107-06-2	N.D.	0.50	1.0	1
11997	1,1-Dichloroethene	75-35-4	N.D.	0.50	1.0	1
11997	cis-1,2-Dichloroethene	156-59-2	10	0.50	1.0	1
11997	trans-1,2-Dichloroethene	156-60-5	N.D.	0.50	1.0	1
11997	1,2-Dichloropropane	78-87-5	N.D.	0.50	1.0	1
11997	cis-1,3-Dichloropropene	10061-01-5	N.D.	0.50	1.0	1
11997	trans-1,3-Dichloropropene	10061-02-6	N.D.	0.50	1.0	1
11997	Methylene Chloride	75-09-2	N.D.	2.0	4.0	1
11997	1,1,1,2-Tetrachloroethane	630-20-6	N.D.	0.50	1.0	1
11997	1,1,2,2-Tetrachloroethane	79-34-5	N.D.	0.50	1.0	1
11997	Tetrachloroethene	127-18-4	N.D.	0.50	1.0	1
11997	1,1,1-Trichloroethane	71-55-6	N.D.	0.50	1.0	1
11997	1,1,2-Trichloroethane	79-00-5	N.D.	0.50	1.0	1
11997	Trichloroethene	79-01-6	51	0.50	1.0	1
11997	Trichlorofluoromethane	75-69-4	N.D.	0.50	1.0	1
11997	1,2,3-Trichloropropane	96-18-4	N.D.	1.0	5.0	1
11997	Vinyl Chloride	75-01-4	N.D.	0.50	1.0	1

General Sample Comments

State of New York Certification No. 10670

All QC is compliant unless otherwise noted. Please refer to the Quality Control Summary for overall QC performance data and associated samples.

*=This limit was used in the evaluation of the final result

Sample Description: B-6M Water
BP Sanborn COC: R219329
2040 Cory Drive - Sanborn, NY

LL Sample # WW 7847245
LL Group # 1553314
Account # 12495

Project Name: BP Sanborn

Collected: 04/14/2015 12:20 by RCB

Submitted: 04/15/2015 09:30
Reported: 04/28/2015 19:27

Atlantic Richfield(Parsons-NY)
BP Corporation
501 WestLake Park Blvd
Houston TX 77079

B6M--

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
11997	VOCs Parsons' Specs 8260C	SW-846 8260C	1	L151061AA	04/16/2015 22:24	Caitlin M Carmody	1
01163	GC/MS VOA Water Prep	SW-846 5030C	1	L151061AA	04/16/2015 22:24	Caitlin M Carmody	1

*=This limit was used in the evaluation of the final result

Sample Description: B-57M Water
BP Sanborn COC: R219329
2040 Cory Drive - Sanborn, NY

LL Sample # WW 7847246
LL Group # 1553314
Account # 12495

Project Name: BP Sanborn

Collected: 04/14/2015 10:35 by RCB

Submitted: 04/15/2015 09:30
Reported: 04/28/2015 19:27

Atlantic Richfield(Parsons-NY)
BP Corporation
501 WestLake Park Blvd
Houston TX 77079

B57M-

CAT No.	Analysis Name	CAS Number	Result		Method Detection Limit*	Limit of Quantitation	Dilution Factor
GC/MS Volatiles	**SW-846 8260C**		**ug/l**		**ug/l**	**ug/l**	
11997	Benzyl Chloride	100-44-7	N.D.		1.0	5.0	1
11997	Bromobenzene	108-86-1	N.D.		1.0	5.0	1
11997	Bromodichloromethane	75-27-4	N.D.		0.50	1.0	1
11997	Bromoform	75-25-2	N.D.		0.50	4.0	1
11997	Bromomethane	74-83-9	N.D.		0.50	1.0	1
11997	Carbon Tetrachloride	56-23-5	N.D.		0.50	1.0	1
11997	Chlorobenzene	108-90-7	N.D.		0.50	1.0	1
11997	Chloroethane	75-00-3	N.D.		0.50	1.0	1
11997	2-Chloroethyl Vinyl Ether	110-75-8	N.D.		2.0	10	1
	2-Chloroethyl vinyl ether may not be recovered if acid was used to preserve this sample.						
11997	Chloroform	67-66-3	1.8		0.50	1.0	1
11997	Chloromethane	74-87-3	N.D.		0.50	1.0	1
11997	Dibromochloromethane	124-48-1	N.D.		0.50	1.0	1
11997	Dibromomethane	74-95-3	N.D.		0.50	1.0	1
11997	1,2-Dichlorobenzene	95-50-1	N.D.		1.0	5.0	1
11997	1,3-Dichlorobenzene	541-73-1	N.D.		1.0	5.0	1
11997	1,4-Dichlorobenzene	106-46-7	N.D.		1.0	5.0	1
11997	Dichlorodifluoromethane	75-71-8	N.D.		0.50	1.0	1
11997	1,1-Dichloroethane	75-34-3	N.D.		0.50	1.0	1
11997	1,2-Dichloroethane	107-06-2	N.D.		0.50	1.0	1
11997	1,1-Dichloroethene	75-35-4	N.D.		0.50	1.0	1
11997	cis-1,2-Dichloroethene	156-59-2	21		0.50	1.0	1
11997	trans-1,2-Dichloroethene	156-60-5	0.69	J	0.50	1.0	1
11997	1,2-Dichloropropane	78-87-5	N.D.		0.50	1.0	1
11997	cis-1,3-Dichloropropene	10061-01-5	N.D.		0.50	1.0	1
11997	trans-1,3-Dichloropropene	10061-02-6	N.D.		0.50	1.0	1
11997	Methylene Chloride	75-09-2	N.D.		2.0	4.0	1
11997	1,1,1,2-Tetrachloroethane	630-20-6	N.D.		0.50	1.0	1
11997	1,1,2,2-Tetrachloroethane	79-34-5	N.D.		0.50	1.0	1
11997	Tetrachloroethene	127-18-4	N.D.		0.50	1.0	1
11997	1,1,1-Trichloroethane	71-55-6	N.D.		0.50	1.0	1
11997	1,1,2-Trichloroethane	79-00-5	N.D.		0.50	1.0	1
11997	Trichloroethene	79-01-6	240		5.0	10	10
11997	Trichlorofluoromethane	75-69-4	N.D.		0.50	1.0	1
11997	1,2,3-Trichloropropane	96-18-4	N.D.		1.0	5.0	1
11997	Vinyl Chloride	75-01-4	N.D.		0.50	1.0	1

General Sample Comments

State of New York Certification No. 10670

All QC is compliant unless otherwise noted. Please refer to the Quality Control Summary for overall QC performance data and associated samples.

*=This limit was used in the evaluation of the final result

Sample Description: B-57M Water
BP Sanborn COC: R219329
2040 Cory Drive - Sanborn, NY

LL Sample # WW 7847246
LL Group # 1553314
Account # 12495

Project Name: BP Sanborn

Collected: 04/14/2015 10:35 by RCB

Submitted: 04/15/2015 09:30
Reported: 04/28/2015 19:27

Atlantic Richfield(Parsons-NY)
BP Corporation
501 WestLake Park Blvd
Houston TX 77079

B57M-

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
11997	VOCs Parsons' Specs 8260C	SW-846 8260C	1	L151061AA	04/16/2015 23:09	Caitlin M Carmody	1
11997	VOCs Parsons' Specs 8260C	SW-846 8260C	1	L151101AA	04/20/2015 14:40	Caitlin M Carmody	10
01163	GC/MS VOA Water Prep	SW-846 5030C	1	L151061AA	04/16/2015 23:09	Caitlin M Carmody	1
01163	GC/MS VOA Water Prep	SW-846 5030C	2	L151101AA	04/20/2015 14:40	Caitlin M Carmody	10

*=This limit was used in the evaluation of the final result

Sample Description: B-24M Water
BP Sanborn COC: R219329
2040 Cory Drive - Sanborn, NY

LL Sample # WW 7847247
LL Group # 1553314
Account # 12495

Project Name: BP Sanborn

Collected: 04/14/2015 10:25 by RCB

Submitted: 04/15/2015 09:30
Reported: 04/28/2015 19:27

Atlantic Richfield(Parsons-NY)
BP Corporation
501 WestLake Park Blvd
Houston TX 77079

B24M-

CAT No.	Analysis Name	CAS Number	Result		Method Detection Limit*	Limit of Quantitation	Dilution Factor
GC/MS Volatiles	**SW-846 8260C**		**ug/l**		**ug/l**	**ug/l**	
11997	Benzyl Chloride	100-44-7	N.D.		1.0	5.0	1
11997	Bromobenzene	108-86-1	N.D.		1.0	5.0	1
11997	Bromodichloromethane	75-27-4	N.D.		0.50	1.0	1
11997	Bromoform	75-25-2	N.D.		0.50	4.0	1
11997	Bromomethane	74-83-9	N.D.		0.50	1.0	1
11997	Carbon Tetrachloride	56-23-5	N.D.		0.50	1.0	1
11997	Chlorobenzene	108-90-7	N.D.		0.50	1.0	1
11997	Chloroethane	75-00-3	N.D.		0.50	1.0	1
11997	2-Chloroethyl Vinyl Ether	110-75-8	N.D.		2.0	10	1
	2-Chloroethyl vinyl ether may not be recovered if acid was used to preserve this sample.						
11997	Chloroform	67-66-3	N.D.		0.50	1.0	1
11997	Chloromethane	74-87-3	N.D.		0.50	1.0	1
11997	Dibromochloromethane	124-48-1	N.D.		0.50	1.0	1
11997	Dibromomethane	74-95-3	N.D.		0.50	1.0	1
11997	1,2-Dichlorobenzene	95-50-1	N.D.		1.0	5.0	1
11997	1,3-Dichlorobenzene	541-73-1	N.D.		1.0	5.0	1
11997	1,4-Dichlorobenzene	106-46-7	N.D.		1.0	5.0	1
11997	Dichlorodifluoromethane	75-71-8	N.D.		0.50	1.0	1
11997	1,1-Dichloroethane	75-34-3	N.D.		0.50	1.0	1
11997	1,2-Dichloroethane	107-06-2	N.D.		0.50	1.0	1
11997	1,1-Dichloroethene	75-35-4	N.D.		0.50	1.0	1
11997	cis-1,2-Dichloroethene	156-59-2	N.D.		0.50	1.0	1
11997	trans-1,2-Dichloroethene	156-60-5	N.D.		0.50	1.0	1
11997	1,2-Dichloropropane	78-87-5	N.D.		0.50	1.0	1
11997	cis-1,3-Dichloropropene	10061-01-5	N.D.		0.50	1.0	1
11997	trans-1,3-Dichloropropene	10061-02-6	N.D.		0.50	1.0	1
11997	Methylene Chloride	75-09-2	N.D.		2.0	4.0	1
11997	1,1,1,2-Tetrachloroethane	630-20-6	N.D.		0.50	1.0	1
11997	1,1,2,2-Tetrachloroethane	79-34-5	N.D.		0.50	1.0	1
11997	Tetrachloroethene	127-18-4	3.2		0.50	1.0	1
11997	1,1,1-Trichloroethane	71-55-6	N.D.		0.50	1.0	1
11997	1,1,2-Trichloroethane	79-00-5	N.D.		0.50	1.0	1
11997	Trichloroethene	79-01-6	0.95	J	0.50	1.0	1
11997	Trichlorofluoromethane	75-69-4	N.D.		0.50	1.0	1
11997	1,2,3-Trichloropropane	96-18-4	N.D.		1.0	5.0	1
11997	Vinyl Chloride	75-01-4	N.D.		0.50	1.0	1

General Sample Comments

State of New York Certification No. 10670

All QC is compliant unless otherwise noted. Please refer to the Quality Control Summary for overall QC performance data and associated samples.

*=This limit was used in the evaluation of the final result

Sample Description: B-24M Water
BP Sanborn COC: R219329
2040 Cory Drive - Sanborn, NY

LL Sample # WW 7847247
LL Group # 1553314
Account # 12495

Project Name: BP Sanborn

Collected: 04/14/2015 10:25 by RCB

Submitted: 04/15/2015 09:30
Reported: 04/28/2015 19:27

Atlantic Richfield(Parsons-NY)
BP Corporation
501 WestLake Park Blvd
Houston TX 77079

B24M-

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
11997	VOCs Parsons' Specs 8260C	SW-846 8260C	1	L151061AA	04/16/2015 16:27	Caitlin M Carmody	1
01163	GC/MS VOA Water Prep	SW-846 5030C	1	L151061AA	04/16/2015 16:27	Caitlin M Carmody	1

*=This limit was used in the evaluation of the final result

Sample Description: **B-24M Matrix Spike Water**
BP Sanborn COC: R219329
2040 Cory Drive - Sanborn, NY

LL Sample # WW 7847248
LL Group # 1553314
Account # 12495

Project Name: BP Sanborn

Collected: 04/14/2015 10:25 by RCB

Submitted: 04/15/2015 09:30
Reported: 04/28/2015 19:27

Atlantic Richfield(Parsons-NY)
BP Corporation
501 WestLake Park Blvd
Houston TX 77079

B24M-

CAT No.	Analysis Name	CAS Number	Result	Method Detection Limit*	Limit of Quantitation	Dilution Factor
GC/MS Volatiles	**SW-846 8260C**		**ug/l**	**ug/l**	**ug/l**	
11997	Benzyl Chloride	100-44-7	18	1.0	5.0	1
11997	Bromobenzene	108-86-1	22	1.0	5.0	1
11997	Bromodichloromethane	75-27-4	20	0.50	1.0	1
11997	Bromoform	75-25-2	21	0.50	4.0	1
11997	Bromomethane	74-83-9	26	0.50	1.0	1
11997	Carbon Tetrachloride	56-23-5	23	0.50	1.0	1
11997	Chlorobenzene	108-90-7	22	0.50	1.0	1
11997	Chloroethane	75-00-3	22	0.50	1.0	1
11997	2-Chloroethyl Vinyl Ether	110-75-8	19	2.0	10	1
	2-Chloroethyl vinyl ether may not be recovered if acid was used to preserve this sample.					
11997	Chloroform	67-66-3	21	0.50	1.0	1
11997	Chloromethane	74-87-3	20	0.50	1.0	1
11997	Dibromochloromethane	124-48-1	22	0.50	1.0	1
11997	Dibromomethane	74-95-3	20	0.50	1.0	1
11997	1,2-Dichlorobenzene	95-50-1	21	1.0	5.0	1
11997	1,3-Dichlorobenzene	541-73-1	22	1.0	5.0	1
11997	1,4-Dichlorobenzene	106-46-7	22	1.0	5.0	1
11997	Dichlorodifluoromethane	75-71-8	24	0.50	1.0	1
11997	1,1-Dichloroethane	75-34-3	20	0.50	1.0	1
11997	1,2-Dichloroethane	107-06-2	21	0.50	1.0	1
11997	1,1-Dichloroethene	75-35-4	22	0.50	1.0	1
11997	cis-1,2-Dichloroethene	156-59-2	25	0.50	1.0	1
11997	trans-1,2-Dichloroethene	156-60-5	23	0.50	1.0	1
11997	1,2-Dichloropropane	78-87-5	20	0.50	1.0	1
11997	cis-1,3-Dichloropropene	10061-01-5	20	0.50	1.0	1
11997	trans-1,3-Dichloropropene	10061-02-6	20	0.50	1.0	1
11997	Methylene Chloride	75-09-2	20	2.0	4.0	1
11997	1,1,1,2-Tetrachloroethane	630-20-6	23	0.50	1.0	1
11997	1,1,2,2-Tetrachloroethane	79-34-5	18	0.50	1.0	1
11997	Tetrachloroethene	127-18-4	25	0.50	1.0	1
11997	1,1,1-Trichloroethane	71-55-6	21	0.50	1.0	1
11997	1,1,2-Trichloroethane	79-00-5	21	0.50	1.0	1
11997	Trichloroethene	79-01-6	27	0.50	1.0	1
11997	Trichlorofluoromethane	75-69-4	27	0.50	1.0	1
11997	1,2,3-Trichloropropane	96-18-4	19	1.0	5.0	1
11997	Vinyl Chloride	75-01-4	22	0.50	1.0	1

General Sample Comments

State of New York Certification No. 10670

All QC is compliant unless otherwise noted. Please refer to the Quality Control Summary for overall QC performance data and associated samples.

*=This limit was used in the evaluation of the final result

Sample Description: B-24M Matrix Spike Water
BP Sanborn COC: R219329
2040 Cory Drive - Sanborn, NY

LL Sample # WW 7847248
LL Group # 1553314
Account # 12495

Project Name: BP Sanborn

Collected: 04/14/2015 10:25 by RCB

Submitted: 04/15/2015 09:30
Reported: 04/28/2015 19:27

Atlantic Richfield(Parsons-NY)
BP Corporation
501 WestLake Park Blvd
Houston TX 77079

B24M-

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
11997	VOCs Parsons' Specs 8260C	SW-846 8260C	1	L151061AA	04/16/2015 16:50	Caitlin M Carmody	1
01163	GC/MS VOA Water Prep	SW-846 5030C	1	L151061AA	04/16/2015 16:50	Caitlin M Carmody	1

*=This limit was used in the evaluation of the final result

Sample Description: **B-24M Matrix Spike Dup Water**
BP Sanborn COC: R219329
2040 Cory Drive - Sanborn, NY

LL Sample # WW 7847249
LL Group # 1553314
Account # 12495

Project Name: BP Sanborn

Collected: 04/14/2015 10:25 by RCB

Submitted: 04/15/2015 09:30
Reported: 04/28/2015 19:27

Atlantic Richfield(Parsons-NY)
BP Corporation
501 WestLake Park Blvd
Houston TX 77079

B24M-

CAT No.	Analysis Name	CAS Number	Result	Method Detection Limit*	Limit of Quantitation	Dilution Factor
GC/MS Volatiles	**SW-846 8260C**		**ug/l**	**ug/l**	**ug/l**	
11997	Benzyl Chloride	100-44-7	18	1.0	5.0	1
11997	Bromobenzene	108-86-1	23	1.0	5.0	1
11997	Bromodichloromethane	75-27-4	21	0.50	1.0	1
11997	Bromoform	75-25-2	21	0.50	4.0	1
11997	Bromomethane	74-83-9	25	0.50	1.0	1
11997	Carbon Tetrachloride	56-23-5	23	0.50	1.0	1
11997	Chlorobenzene	108-90-7	22	0.50	1.0	1
11997	Chloroethane	75-00-3	22	0.50	1.0	1
11997	2-Chloroethyl Vinyl Ether	110-75-8	19	2.0	10	1
	2-Chloroethyl vinyl ether may not be recovered if acid was used to preserve this sample.					
11997	Chloroform	67-66-3	22	0.50	1.0	1
11997	Chloromethane	74-87-3	20	0.50	1.0	1
11997	Dibromochloromethane	124-48-1	22	0.50	1.0	1
11997	Dibromomethane	74-95-3	20	0.50	1.0	1
11997	1,2-Dichlorobenzene	95-50-1	21	1.0	5.0	1
11997	1,3-Dichlorobenzene	541-73-1	22	1.0	5.0	1
11997	1,4-Dichlorobenzene	106-46-7	22	1.0	5.0	1
11997	Dichlorodifluoromethane	75-71-8	23	0.50	1.0	1
11997	1,1-Dichloroethane	75-34-3	21	0.50	1.0	1
11997	1,2-Dichloroethane	107-06-2	21	0.50	1.0	1
11997	1,1-Dichloroethene	75-35-4	23	0.50	1.0	1
11997	cis-1,2-Dichloroethene	156-59-2	26	0.50	1.0	1
11997	trans-1,2-Dichloroethene	156-60-5	23	0.50	1.0	1
11997	1,2-Dichloropropane	78-87-5	20	0.50	1.0	1
11997	cis-1,3-Dichloropropene	10061-01-5	20	0.50	1.0	1
11997	trans-1,3-Dichloropropene	10061-02-6	21	0.50	1.0	1
11997	Methylene Chloride	75-09-2	20	2.0	4.0	1
11997	1,1,1,2-Tetrachloroethane	630-20-6	23	0.50	1.0	1
11997	1,1,2,2-Tetrachloroethane	79-34-5	18	0.50	1.0	1
11997	Tetrachloroethene	127-18-4	25	0.50	1.0	1
11997	1,1,1-Trichloroethane	71-55-6	22	0.50	1.0	1
11997	1,1,2-Trichloroethane	79-00-5	21	0.50	1.0	1
11997	Trichloroethene	79-01-6	28	0.50	1.0	1
11997	Trichlorofluoromethane	75-69-4	26	0.50	1.0	1
11997	1,2,3-Trichloropropane	96-18-4	19	1.0	5.0	1
11997	Vinyl Chloride	75-01-4	22	0.50	1.0	1

General Sample Comments

State of New York Certification No. 10670

All QC is compliant unless otherwise noted. Please refer to the Quality Control Summary for overall QC performance data and associated samples.

*=This limit was used in the evaluation of the final result

Sample Description: B-24M Matrix Spike Dup Water
BP Sanborn COC: R219329
2040 Cory Drive - Sanborn, NY

LL Sample # WW 7847249
LL Group # 1553314
Account # 12495

Project Name: BP Sanborn

Collected: 04/14/2015 10:25 by RCB

Submitted: 04/15/2015 09:30
Reported: 04/28/2015 19:27

Atlantic Richfield(Parsons-NY)
BP Corporation
501 WestLake Park Blvd
Houston TX 77079

B24M-

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
11997	VOCs Parsons' Specs 8260C	SW-846 8260C	1	L151061AA	04/16/2015 17:12	Caitlin M Carmody	1
01163	GC/MS VOA Water Prep	SW-846 5030C	1	L151061AA	04/16/2015 17:12	Caitlin M Carmody	1

*=This limit was used in the evaluation of the final result

Sample Description: **B-56M Water**
BP Sanborn COC: R219330
2040 Cory Drive - Sanborn, NY

LL Sample # WW 7847250
LL Group # 1553314
Account # 12495

Project Name: BP Sanborn

Collected: 04/14/2015 09:40 by RCB

Submitted: 04/15/2015 09:30
Reported: 04/28/2015 19:27

Atlantic Richfield(Parsons-NY)
BP Corporation
501 WestLake Park Blvd
Houston TX 77079

B56M-

CAT No.	Analysis Name	CAS Number	Result	Method Detection Limit*	Limit of Quantitation	Dilution Factor
GC/MS Volatiles	**SW-846 8260C**		**ug/l**	**ug/l**	**ug/l**	
11997	Benzyl Chloride	100-44-7	N.D.	1.0	5.0	1
11997	Bromobenzene	108-86-1	N.D.	1.0	5.0	1
11997	Bromodichloromethane	75-27-4	N.D.	0.50	1.0	1
11997	Bromoform	75-25-2	N.D.	0.50	4.0	1
11997	Bromomethane	74-83-9	N.D.	0.50	1.0	1
11997	Carbon Tetrachloride	56-23-5	N.D.	0.50	1.0	1
11997	Chlorobenzene	108-90-7	N.D.	0.50	1.0	1
11997	Chloroethane	75-00-3	N.D.	0.50	1.0	1
11997	2-Chloroethyl Vinyl Ether	110-75-8	N.D.	2.0	10	1
	2-Chloroethyl vinyl ether may not be recovered if acid was used to preserve this sample.					
11997	Chloroform	67-66-3	N.D.	0.50	1.0	1
11997	Chloromethane	74-87-3	N.D.	0.50	1.0	1
11997	Dibromochloromethane	124-48-1	N.D.	0.50	1.0	1
11997	Dibromomethane	74-95-3	N.D.	0.50	1.0	1
11997	1,2-Dichlorobenzene	95-50-1	N.D.	1.0	5.0	1
11997	1,3-Dichlorobenzene	541-73-1	N.D.	1.0	5.0	1
11997	1,4-Dichlorobenzene	106-46-7	N.D.	1.0	5.0	1
11997	Dichlorodifluoromethane	75-71-8	N.D.	0.50	1.0	1
11997	1,1-Dichloroethane	75-34-3	N.D.	0.50	1.0	1
11997	1,2-Dichloroethane	107-06-2	N.D.	0.50	1.0	1
11997	1,1-Dichloroethene	75-35-4	N.D.	0.50	1.0	1
11997	cis-1,2-Dichloroethene	156-59-2	8.8	0.50	1.0	1
11997	trans-1,2-Dichloroethene	156-60-5	N.D.	0.50	1.0	1
11997	1,2-Dichloropropane	78-87-5	N.D.	0.50	1.0	1
11997	cis-1,3-Dichloropropene	10061-01-5	N.D.	0.50	1.0	1
11997	trans-1,3-Dichloropropene	10061-02-6	N.D.	0.50	1.0	1
11997	Methylene Chloride	75-09-2	N.D.	2.0	4.0	1
11997	1,1,1,2-Tetrachloroethane	630-20-6	N.D.	0.50	1.0	1
11997	1,1,2,2-Tetrachloroethane	79-34-5	N.D.	0.50	1.0	1
11997	Tetrachloroethene	127-18-4	N.D.	0.50	1.0	1
11997	1,1,1-Trichloroethane	71-55-6	N.D.	0.50	1.0	1
11997	1,1,2-Trichloroethane	79-00-5	N.D.	0.50	1.0	1
11997	Trichloroethene	79-01-6	44	0.50	1.0	1
11997	Trichlorofluoromethane	75-69-4	N.D.	0.50	1.0	1
11997	1,2,3-Trichloropropane	96-18-4	N.D.	1.0	5.0	1
11997	Vinyl Chloride	75-01-4	N.D.	0.50	1.0	1

General Sample Comments

State of New York Certification No. 10670

All QC is compliant unless otherwise noted. Please refer to the Quality Control Summary for overall QC performance data and associated samples.

*=This limit was used in the evaluation of the final result

Sample Description: B-56M Water
BP Sanborn COC: R219330
2040 Cory Drive - Sanborn, NY

LL Sample # WW 7847250
LL Group # 1553314
Account # 12495

Project Name: BP Sanborn

Collected: 04/14/2015 09:40 by RCB

Submitted: 04/15/2015 09:30
Reported: 04/28/2015 19:27

Atlantic Richfield(Parsons-NY)
BP Corporation
501 WestLake Park Blvd
Houston TX 77079

B56M-

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
11997	VOCs Parsons' Specs 8260C	SW-846 8260C	1	L151061AA	04/17/2015 00:07	Caitlin M Carmody	1
01163	GC/MS VOA Water Prep	SW-846 5030C	1	L151061AA	04/17/2015 00:07	Caitlin M Carmody	1

*=This limit was used in the evaluation of the final result

Quality Control Summary

Client Name: Atlantic Richfield(Parsons-NY) Group Number: 1553314
Reported: 04/28/2015 19:27

Matrix QC may not be reported if insufficient sample or site-specific QC samples were not submitted. In these situations, to demonstrate precision and accuracy at a batch level, a LCS/LCSD was performed, unless otherwise specified in the method.

All Inorganic Initial Calibration and Continuing Calibration Blanks met acceptable method criteria unless otherwise noted on the Analysis Report.

Laboratory Compliance Quality Control

Analysis Name	Blank Result	Blank MDL**	Blank LOQ	Report Units	LCS %REC	LCSD %REC	LCS/LCSD Limits	RPD	RPD Max
Batch number: L151061AA	Sample number(s): 7847240-7847250								
Benzyl Chloride	N.D.	1.0	5.0	ug/l	80		51-120		
Bromobenzene	N.D.	1.0	5.0	ug/l	96		80-120		
Bromodichloromethane	N.D.	0.50	1.0	ug/l	90		73-120		
Bromoform	N.D.	0.50	4.0	ug/l	96		52-123		
Bromomethane	N.D.	0.50	1.0	ug/l	109		53-130		
Carbon Tetrachloride	N.D.	0.50	1.0	ug/l	94		74-130		
Chlorobenzene	N.D.	0.50	1.0	ug/l	95		80-120		
Chloroethane	N.D.	0.50	1.0	ug/l	91		56-120		
2-Chloroethyl Vinyl Ether	N.D.	2.0	10	ug/l	85		44-143		
Chloroform	N.D.	0.50	1.0	ug/l	91		80-120		
Chloromethane	N.D.	0.50	1.0	ug/l	83		63-120		
Dibromochloromethane	N.D.	0.50	1.0	ug/l	96		72-120		
Dibromomethane	N.D.	0.50	1.0	ug/l	89		80-120		
1,2-Dichlorobenzene	N.D.	1.0	5.0	ug/l	92		80-120		
1,3-Dichlorobenzene	N.D.	1.0	5.0	ug/l	93		80-120		
1,4-Dichlorobenzene	N.D.	1.0	5.0	ug/l	94		80-120		
Dichlorodifluoromethane	N.D.	0.50	1.0	ug/l	89		55-127		
1,1-Dichloroethane	N.D.	0.50	1.0	ug/l	87		80-120		
1,2-Dichloroethane	N.D.	0.50	1.0	ug/l	95		72-127		
1,1-Dichloroethene	N.D.	0.50	1.0	ug/l	92		76-124		
cis-1,2-Dichloroethene	N.D.	0.50	1.0	ug/l	95		80-120		
trans-1,2-Dichloroethene	N.D.	0.50	1.0	ug/l	95		80-120		
1,2-Dichloropropane	N.D.	0.50	1.0	ug/l	86		80-120		
cis-1,3-Dichloropropene	N.D.	0.50	1.0	ug/l	91		80-120		
trans-1,3-Dichloropropene	N.D.	0.50	1.0	ug/l	91		76-120		
Methylene Chloride	N.D.	2.0	4.0	ug/l	87		80-120		
1,1,1,2-Tetrachloroethane	N.D.	0.50	1.0	ug/l	97		80-120		
1,1,2,2-Tetrachloroethane	N.D.	0.50	1.0	ug/l	82		70-120		
Tetrachloroethene	N.D.	0.50	1.0	ug/l	102		80-120		
1,1,1-Trichloroethane	N.D.	0.50	1.0	ug/l	89		66-126		
1,1,2-Trichloroethane	N.D.	0.50	1.0	ug/l	89		80-120		
Trichloroethene	N.D.	0.50	1.0	ug/l	92		80-120		
Trichlorofluoromethane	N.D.	0.50	1.0	ug/l	102		58-135		
1,2,3-Trichloropropane	N.D.	1.0	5.0	ug/l	85		76-120		
Vinyl Chloride	N.D.	0.50	1.0	ug/l	89		69-120		
Batch number: L151101AA	Sample number(s): 7847246								
Trichloroethene	N.D.	0.50	1.0	ug/l	88		80-120		

Sample Matrix Quality Control

*- Outside of specification
**-This limit was used in the evaluation of the final result for the blank
(1) The result for one or both determinations was less than five times the LOQ.
(2) The unspiked result was more than four times the spike added.

Quality Control Summary

Client Name: Atlantic Richfield(Parsons-NY) Group Number: 1553314
Reported: 04/28/2015 19:27
Unspiked (UNSPK) = the sample used in conjunction with the matrix spike
Background (BKG) = the sample used in conjunction with the duplicate

Analysis Name	MS %REC	MSD %REC	MS/MSD Limits	RPD	RPD MAX	BKG Conc	DUP Conc	DUP RPD	Dup RPD Max
Batch number: L151061AA	Sample number(s): 7847240-7847250 UNSPK: 7847247								
Benzyl Chloride	90	91	53-117	1	30				
Bromobenzene	112	113	82-115	2	30				
Bromodichloromethane	101	104	73-125	2	30				
Bromoform	105	105	48-118	0	30				
Bromomethane	132*	127	47-129	4	30				
Carbon Tetrachloride	113	114	75-148	1	30				
Chlorobenzene	110	112	87-124	1	30				
Chloroethane	110	111	55-130	0	30				
2-Chloroethyl Vinyl Ether	93	96	10-151	4	30				
Chloroform	105	108	81-134	3	30				
Chloromethane	100	99	61-125	1	30				
Dibromochloromethane	108	109	74-116	1	30				
Dibromomethane	99	101	83-119	2	30				
1,2-Dichlorobenzene	106	107	84-119	1	30				
1,3-Dichlorobenzene	110	112	86-121	2	30				
1,4-Dichlorobenzene	110	112	85-121	1	30				
Dichlorodifluoromethane	119	114	58-156	4	30				
1,1-Dichloroethane	101	104	84-129	4	30				
1,2-Dichloroethane	105	107	63-142	2	30				
1,1-Dichloroethene	111	114	79-137	2	30				
cis-1,2-Dichloroethene	124	129	80-141	3	30				
trans-1,2-Dichloroethene	114	115	86-131	1	30				
1,2-Dichloropropane	99	101	83-124	2	30				
cis-1,3-Dichloropropene	100	102	70-116	2	30				
trans-1,3-Dichloropropene	102	103	74-119	1	30				
Methylene Chloride	98	102	78-133	3	30				
1,1,1,2-Tetrachloroethane	113	114	80-123	0	30				
1,1,2,2-Tetrachloroethane	90	91	72-128	1	30				
Tetrachloroethene	110	110	80-128	0	30				
1,1,1-Trichloroethane	105	108	69-140	3	30				
1,1,2-Trichloroethane	103	103	71-141	0	30				
Trichloroethene	132	135*	88-133	2	30				
Trichlorofluoromethane	133	129	63-163	4	30				
1,2,3-Trichloropropane	97	97	76-118	0	30				
Vinyl Chloride	111	109	66-133	1	30				
Batch number: L151101AA	Sample number(s): 7847246 UNSPK: P849428								
Trichloroethene	1060 (2)	1044 (2)	88-133	0	30				

Surrogate Quality Control

Surrogate recoveries which are outside of the QC window are confirmed unless attributed to dilution or otherwise noted on the Analysis Report.

Analysis Name: VOCs Parsons' Specs 8260C
Batch number: L151061AA

Dibromofluoromethane	1,2-Dichloroethane-d4	Toluene-d8	4-Bromofluorobenzene

*- Outside of specification
**-This limit was used in the evaluation of the final result for the blank
(1) The result for one or both determinations was less than five times the LOQ.
(2) The unspiked result was more than four times the spike added.

Quality Control Summary

Client Name: Atlantic Richfield(Parsons-NY) Group Number: 1553314
Reported: 04/28/2015 19:27

Surrogate Quality Control

7847240	100	102	96	90
7847241	101	104	97	89
7847242	101	106	96	89
7847243	100	100	98	89
7847244	101	104	97	89
7847245	101	105	97	89
7847246	102	106	97	89
7847247	100	102	97	89
7847248	100	101	98	91
7847249	101	103	98	91
7847250	101	103	99	89
Blank	100	104	96	89
LCS	101	102	98	91
MS	100	101	98	91
MSD	101	103	98	91
Limits:	80-116	77-113	80-113	78-113

*- Outside of specification
**-This limit was used in the evaluation of the final result for the blank
(1) The result for one or both determinations was less than five times the LOQ.
(2) The unspiked result was more than four times the spike added.

bp rm **Laboratory Management Program LaMP** **Chain of Custody Record** R219329

Page 1 of 2

A-12495
G-1553314
S-1847240-51

BP Site Node Path: BP Sanborn **Req Due Date (mm/dd/yy):** _____ **Rush TAT:** Yes ___ No X

BP Facility No: _____ **Lab Work Order Number:** _____

Lab Name: Eurofins Lancaster Labs	Facility Address: 2040 Cory Dr.	Consultant/Contractor: Parsons
Lab Address: 2425 New Holland Pike Lancaster, PA 17601	City, State, ZIP Code: Sanborn, NY 14132	Consultant/Contractor Project No:
Lab PM: Kaitlin Plasterer	Lead Regulatory Agency: NYSDEC	Address: 40 LaRiviere Dr. Suite 350 Buffalo, NY 14202
Lab Phone: (717) 656-2300	California Global ID No.:	Consultant/Contractor PM: George Hermance
Lab Shipping Accnt:	Enfos Proposal No: D00B4-0006	Phone: (716) 407-4990 Email:
Lab Bottle Order No: 169679	Accounting Mode: Provision 10 OOC-BU ___ OOC-RM ___	Email EDD To: Lorraine Weber and to lab.enfosdoc@bp.com
Other Info:	Stage: 60 Activity: 81	Invoice To: BP ✓ Contractor ___
BP Project Manager (PM): Mike Teeling		
BP PM Phone: (585) 932-2343		
BP PM Email:		

Lab No.	Sample Description	Date	Time	Matrix: Soil / Solid	Matrix: Water / Liquid	Matrix: Air / Vapor	Matrix: Is this location a well?	No. Containers / Preservative: Total Number of Containers	Unpreserved	H2SO4	HNO3	HCl	Methanol	Requested Analyses: 8260	Report Type & QC Level / Comments
	PW-4	4/14/15	1430		X		Y	3	X					X	
	P-4		1410		X		Y	3	X					X	
	P-3		1335		X		Y	3	X					X	
	Field Dup 1				X		Y	3	X					X	
	B-9M		1325		X		Y	3	X					X	
	B-6M		1220		X		Y	3	X					X	
	B-57M		1035		X		Y	3	X					X	
	B-24M		1025		X		Y	3	X					X	
	B-24M MS		1025		X		Y	3	X					X	
	B-24M MSD		1025		X		Y	3	X					X	

Report Type & QC Level: Standard ___ Full Data Package ___

Comments

Note: If sample not collected, indicate "No Sample" in comments and single-strike out and initial any preprinted sample description.

	Relinquished By / Affiliation	Date	Time	Accepted By / Affiliation	Date	Time
Sampler's Name: Richard C Becken	Richard C Becken O+M	4/14/15	1530			
Sampler's Company: O+M Enterprises Inc						
Shipment Method: Fed Ex Ship Date: 4/14/15						
Shipment Tracking No: 801301874647				ELLE	4/15/15	0930

Special Instructions:

THIS LINE - LAB USE ONLY: Custody Seals In Place: Yes / No | Temp Blank: Yes / No | Cooler Temp on Receipt: 3.1 °F/C | Trip Blank: Yes / No | MS/MSD Sample Submitted: Yes / No

bp rm

Laboratory Management Program LaMP Chain of Custody Record R219330

Page 2 of 2

A-12495
G-155334
S-7847240-51

BP Site Node Path: BP, Sanborn

BP Facility No:

Req Due Date (mm/dd/yy):

Rush TAT: Yes ___ No X

Lab Work Order Number:

Lab Name: Eurofins Lancaster Labs	Facility Address: 2040 Cory Dr.	Consultant/Contractor: Parsons
Lab Address: 2425 New Holland Pike Lancaster, PA 17601	City, State, ZIP Code: Sanborn, NY 14132	Consultant/Contractor Project No:
Lab PM: Kaitlin Plasterer	Lead Regulatory Agency: NYSDEC	Address: 40 La Riviere Dr. Suite 350 Buffalo, NY 14202
Lab Phone: (717) 656-2300	California Global ID No.:	Consultant/Contractor PM: George Hermance
Lab Shipping Accnt:	Enfos Proposal No: D00B4-0006	Phone: 716 407-4990 Email:
Lab Bottle Order No:	Accounting Mode: Provision 10 OOC-BU ___ OOC-RM ___	Email EDD To: Lorraine Webel and to lab.enfosdoc@bp.com
Other Info:	Stage: 60 Activity: 81	Invoice To: BP ✓ Contractor ___

BP Project Manager (PM): Mike Teeling

BP PM Phone: (585) 732-2343

BP PM Email:

Lab No.	Sample Description	Date	Time	Matrix: Soil / Solid	Matrix: Water / Liquid	Matrix: Air / Vapor	Matrix: Is this location a well?	No. Containers / Preservative: Total Number of Container:	Unpreserved	H2SO4	HNO3	HCl	Methanol	Requested Analyses: 8260
	B-56 M	4/4/15	0940		X		Y	3	X					X

Report Type & QC Level: Standard ___ Full Data Package ___

Comments

Note: If sample not collected, indicate "No Sample" in comments and single-strike out and initial any preprinted sample description.

Sampler's Name: Richard C Becker

Sampler's Company: O+M Enterprises Inc.

Shipment Method: Fed Ex Ship Date: 4/4/15

Shipment Tracking No: 801301874647

Relinquished By / Affiliation	Date	Time	Accepted By / Affiliation	Date	Time
Richard C Becker O+M Ent	4/4/15	1530			
			ELLE	4/15/15	0930

Special Instructions:

THIS LINE - LAB USE ONLY: Custody Seals In Place: Yes / No | Temp Blank: Yes / No | Cooler Temp on Receipt: 3.1 °F/C | Trip Blank: Yes / No | MS/MSD Sample Submitted: Yes / No

eurofins | Lancaster Laboratories Environmental

Sample Administration Receipt Documentation Log

Doc Log ID: 65756

Group Number(s): 1553314

Client: BP

BP SANBORN

Delivery and Receipt Information

Delivery Method:	Fed Ex	Arrival Timestamp:	04/15/2015 9:30
Number of Packages:	1	Number of Projects:	1
State/Province of Origin:	NY		

Arrival Condition Summary

Shipping Container Sealed:	Yes	Sample IDs on COC match Containers:	Yes
Custody Seal Present:	Yes	Sample Date/Times match COC:	Yes
Custody Seal Intact:	Yes	VOA Vial Headspace ≥ 6mm:	No
Samples Chilled:	Yes	Total Trip Blank Qty:	2
Paperwork Enclosed:	Yes	Trip Blank Type:	NP
Samples Intact:	Yes	Air Quality Samples Present:	No
Missing Samples:	No		
Extra Samples:	No		
Discrepancy in Container Qty on COC:	No		

Unpacked by Corey Eshleman (3647) at 11:49 on 04/15/2015

Samples Chilled Details: BP SANBORN

Thermometer Types: *DT = Digital (Temp. Bottle)* *IR = Infrared (Surface Temp)* *All Temperatures in °C.*

Cooler #	Thermometer ID	Corrected Temp	Therm. Type	Ice Type	Ice Present?	Ice Container	Elevated Temp?
1	DT121	3.1	DT	Wet	Y	Bagged	N

2425 New Holland Pike
Lancaster, PA 17605-2425
T | 717-656-2300
F | 717-656-2681
www.LancasterLabs.com

Explanation of Symbols and Abbreviations

The following defines common symbols and abbreviations used in reporting technical data:

RL	Reporting Limit	**BMQL**	Below Minimum Quantitation Level
N.D.	none detected	**MPN**	Most Probable Number
TNTC	Too Numerous To Count	**CP Units**	cobalt-chloroplatinate units
IU	International Units	**NTU**	nephelometric turbidity units
umhos/cm	micromhos/cm	**ng**	nanogram(s)
C	degrees Celsius	**F**	degrees Fahrenheit
meq	milliequivalents	**lb.**	pound(s)
g	gram(s)	**kg**	kilogram(s)
µg	microgram(s)	**mg**	milligram(s)
mL	milliliter(s)	**L**	liter(s)
m3	cubic meter(s)	**µL**	microliter(s)
		pg/L	picogram/liter

<	less than
>	greater than
ppm	parts per million - One ppm is equivalent to one milligram per kilogram (mg/kg) or one gram per million grams. For aqueous liquids, ppm is usually taken to be equivalent to milligrams per liter (mg/l), because one liter of water has a weight very close to a kilogram. For gases or vapors, one ppm is equivalent to one microliter per liter of gas.
ppb	parts per billion
Dry weight basis	Results printed under this heading have been adjusted for moisture content. This increases the analyte weight concentration to approximate the value present in a similar sample without moisture. All other results are reported on an as-received basis.

Laboratory Data Qualifiers:

B - Analyte detected in the blank
C - Result confirmed by reanalysis
E - Concentration exceeds the calibration range
J (or G, I, X) - estimated value ≥ the Method Detection Limit (MDL or DL) and the < Limit of Quantitation (LOQ or RL)
P - Concentration difference between the primary and confirmation column >40%. The lower result is reported.
U - Analyte was not detected at the value indicated
V - Concentration difference between the primary and confirmation column >100%. The reporting limit is raised due to this disparity and evident interference…

Additional Organic and Inorganic CLP qualifiers may be used with Form 1 reports as defined by the CLP methods.
Qualifiers specific to Dioxin/Furans and PCB Congeners are detailed on the individual Analysis Report.

Analytical test results meet all requirements of the associated regulatory program (i.e., NELAC (TNI), DoD, ISO17025) unless otherwise noted under the individual analysis.

Measurement uncertainty values, as applicable, are available upon request.

Tests results relate only to the sample tested. Clients should be aware that a critical step in a chemical or microbiological analysis is the collection of the sample. Unless the sample analyzed is truly representative of the bulk of material involved, the test results will be meaningless. If you have questions regarding the proper techniques of collecting samples, please contact us. We cannot be held responsible for sample integrity, however, unless sampling has been performed by a member of our staff.

Times are local to the area of activity. Parameters listed in the 40 CFR Part 136 Table II as “analyze immediately” are not performed within 15 minutes.

WARRANTY AND LIMITS OF LIABILITY - In accepting analytical work, we warrant the accuracy of test results for the sample as submitted. THE FOREGOING EXPRESS WARRANTY IS EXCLUSIVE AND IS GIVEN IN LIEU OF ALL OTHER WARRANTIES, EXPRESSED OR IMPLIED. WE DISCLAIM ANY OTHER WARRANTIES, EXPRESSED OR IMPLIED, INCLUDING A WARRANTY OF FITNESS FOR PARTICULAR PURPOSE AND WARRANTY OF MERCHANTABILITY. IN NO EVENT SHALL EUROFINS LANCASTER LABORATORIES ENVIRONMENTAL, LLC BE LIABLE FOR INDIRECT, SPECIAL, CONSEQUENTIAL, OR INCIDENTAL DAMAGES INCLUDING, BUT NOT LIMITED TO, DAMAGES FOR LOSS OF PROFIT OR GOODWILL REGARDLESS OF (A) THE NEGLIGENCE (EITHER SOLE OR CONCURRENT) OF EUROFINS LANCASTER LABORATORIES ENVIRONMENTAL AND (B) WHETHER EUROFINS LANCASTER LABORATORIES ENVIRONMENTAL HAS BEEN INFORMED OF THE POSSIBILITY OF SUCH DAMAGES. We accept no legal responsibility for the purposes for which the client uses the test results. No purchase order or other order for work shall be accepted by Eurofins Lancaster Laboratories Environmental which includes any conditions that vary from the Standard Terms and Conditions, and Eurofins Lancaster Laboratories Environmental hereby objects to any conflicting terms contained in any acceptance or order submitted by client.

ANALYTICAL RESULTS

Prepared by:

Eurofins Lancaster Laboratories Environmental
2425 New Holland Pike
Lancaster, PA 17601

Prepared for:

Atlantic Richfield(Parsons-NY)
BP Corporation
501 WestLake Park Blvd
Houston TX 77079

April 28, 2015

Project: BP Sanborn

Submittal Date: 04/16/2015
Group Number: 1553705
PO Number: D00B4-0006
Release Number: TEELING
State of Sample Origin: NY

Client Sample Description	Lancaster Labs (LL) #
Field Dup 2 Water	7849420
Quarry Pond Water	7849421
B-38M Water	7849422
B-21M Water	7849423
B-28M Water	7849424
PW-3 Water	7849425
PW-1 Water	7849426
P-2 Water	7849427
T002 Water	7849428
T002 MS Water	7849429
T002 MSD Water	7849430

The specific methodologies used in obtaining the enclosed analytical results are indicated on the Laboratory Sample Analysis Record.

Regulatory agencies do not accredit laboratories for all methods, analytes, and matrices. Our scopes of accreditation can be viewed at http://www.eurofinsus.com/environment-testing/laboratories/eurofins-lancaster-laboratories-environmental/resources/certifications/ .

ELECTRONIC COPY TO	Parsons	Attn: George Hermance
ELECTRONIC COPY TO	Parsons	Attn: Lorraine Weber
ELECTRONIC COPY TO	Parsons	Attn: Eric Felter
ELECTRONIC COPY TO	Parsons	Attn: Doug Taylor

Respectfully Submitted,

Kaitlin N. Plasterer
Specialist

(717) 556-7323

Project Name: BP Sanborn
LL Group #: 1553705

General Comments:

Through our technical processes and second person review of data, we have established that our data/deliverables are in compliance with the methods and project requirements unless otherwise noted or previously resolved with the client. The compliance signature is located on the cover page of the Analysis Reports.

See the Laboratory Sample Analysis Record section of the Analysis Report for the method references.

All QC met criteria unless otherwise noted in an Analysis Specific Comment below. Refer to the QC Summary for specific values and acceptance criteria.

Project specific QC samples are included in this data set

Matrix QC may not be reported if site-specific QC samples were not submitted. In these situations, to demonstrate precision and accuracy at a batch level, a LCS/LCSD was performed, unless otherwise specified in the method.

Surrogate recoveries (if applicable) which are outside of the QC window are confirmed unless attributed to a dilution or otherwise noted in an Analysis Specific Comment below.

The samples were received at the appropriate temperature and in accordance with the chain of custody unless otherwise noted.

Analysis Specific Comments:

SW-846 8260C, GC/MS Volatiles

Sample #s: 7849428

The referenced method allows a maximum of 20% of the analytes in the calibration to exceed the 20% Drift continuing calibration verification criteria. The reported concentration in the associated sample(s) is considered to be estimated. Therefore the result for the following analyte(s) is estimated: Vinyl Chloride, Chloroethane.

Sample #s: 7849426

The referenced method allows a maximum of 20% of the analytes in the calibration to exceed the 20% Drift continuing calibration verification criteria. The reported concentration in the associated sample(s) is considered to be estimated. Therefore the result for the following analyte(s) is estimated: Vinyl Chloride

Sample #s: 7849427

The referenced method allows a maximum of 20% of the analytes in the calibration to exceed the 20% Drift continuing calibration verification criteria. The reported concentration in the associated sample(s) is considered to be estimated. Therefore the result for the following analyte(s) is estimated: Vinyl Chloride, Chloroethane.

Sample #s: 7849422

The referenced method allows a maximum of 20% of the analytes in the calibration to exceed the 20% Drift continuing calibration verification criteria. The reported concentration in the associated sample(s) is considered to be estimated. Therefore the result for the following analyte(s) is estimated: Vinyl Chloride

Batch #: L151101AA (Sample number(s): 7849420-7849430 UNSPK: 7849428)

The recovery(ies) for the following analyte(s) in the LCS exceeded the acceptance window indicating a positive bias: Bromomethane

The recovery(ies) for the following analyte(s) in the MS and/or MSD was outside the acceptance window: Vinyl Chloride, Bromomethane, Chloroethane, Trichlorofluoromethane, cis-1,2-Dichloroethene, Trichloroethene, Tetrachloroethene, Bromobenzene

Sample Description: Field Dup 2 Water
BP Sanborn COC: R219332
2040 Cory Drive - Sanborn, NY

LL Sample # WW 7849420
LL Group # 1553705
Account # 12495

Project Name: BP Sanborn

Collected: 04/15/2015 by RCB

Submitted: 04/16/2015 09:10
Reported: 04/28/2015 19:18

Atlantic Richfield(Parsons-NY)
BP Corporation
501 WestLake Park Blvd
Houston TX 77079

CDSD2

CAT No.	Analysis Name	CAS Number	Result	Method Detection Limit*	Limit of Quantitation	Dilution Factor
GC/MS Volatiles	**SW-846 8260C**		**ug/l**	**ug/l**	**ug/l**	
11997	Benzyl Chloride	100-44-7	N.D.	1.0	5.0	1
11997	Bromobenzene	108-86-1	N.D.	1.0	5.0	1
11997	Bromodichloromethane	75-27-4	N.D.	0.50	1.0	1
11997	Bromoform	75-25-2	N.D.	0.50	4.0	1
11997	Bromomethane	74-83-9	N.D.	0.50	1.0	1
11997	Carbon Tetrachloride	56-23-5	N.D.	0.50	1.0	1
11997	Chlorobenzene	108-90-7	N.D.	0.50	1.0	1
11997	Chloroethane	75-00-3	N.D.	0.50	1.0	1
11997	2-Chloroethyl Vinyl Ether	110-75-8	N.D.	2.0	10	1
	2-Chloroethyl vinyl ether may not be recovered if acid was used to preserve this sample.					
11997	Chloroform	67-66-3	N.D.	0.50	1.0	1
11997	Chloromethane	74-87-3	N.D.	0.50	1.0	1
11997	Dibromochloromethane	124-48-1	N.D.	0.50	1.0	1
11997	Dibromomethane	74-95-3	N.D.	0.50	1.0	1
11997	1,2-Dichlorobenzene	95-50-1	N.D.	1.0	5.0	1
11997	1,3-Dichlorobenzene	541-73-1	N.D.	1.0	5.0	1
11997	1,4-Dichlorobenzene	106-46-7	N.D.	1.0	5.0	1
11997	Dichlorodifluoromethane	75-71-8	N.D.	0.50	1.0	1
11997	1,1-Dichloroethane	75-34-3	N.D.	0.50	1.0	1
11997	1,2-Dichloroethane	107-06-2	N.D.	0.50	1.0	1
11997	1,1-Dichloroethene	75-35-4	N.D.	0.50	1.0	1
11997	cis-1,2-Dichloroethene	156-59-2	N.D.	0.50	1.0	1
11997	trans-1,2-Dichloroethene	156-60-5	N.D.	0.50	1.0	1
11997	1,2-Dichloropropane	78-87-5	N.D.	0.50	1.0	1
11997	cis-1,3-Dichloropropene	10061-01-5	N.D.	0.50	1.0	1
11997	trans-1,3-Dichloropropene	10061-02-6	N.D.	0.50	1.0	1
11997	Methylene Chloride	75-09-2	N.D.	2.0	4.0	1
11997	1,1,1,2-Tetrachloroethane	630-20-6	N.D.	0.50	1.0	1
11997	1,1,2,2-Tetrachloroethane	79-34-5	N.D.	0.50	1.0	1
11997	Tetrachloroethene	127-18-4	N.D.	0.50	1.0	1
11997	1,1,1-Trichloroethane	71-55-6	N.D.	0.50	1.0	1
11997	1,1,2-Trichloroethane	79-00-5	N.D.	0.50	1.0	1
11997	Trichloroethene	79-01-6	N.D.	0.50	1.0	1
11997	Trichlorofluoromethane	75-69-4	N.D.	0.50	1.0	1
11997	1,2,3-Trichloropropane	96-18-4	N.D.	1.0	5.0	1
11997	Vinyl Chloride	75-01-4	N.D.	0.50	1.0	1

General Sample Comments

State of New York Certification No. 10670

All QC is compliant unless otherwise noted. Please refer to the Quality Control Summary for overall QC performance data and associated samples.

*=This limit was used in the evaluation of the final result

Sample Description: Field Dup 2 Water
BP Sanborn COC: R219332
2040 Cory Drive - Sanborn, NY

LL Sample # WW 7849420
LL Group # 1553705
Account # 12495

Project Name: BP Sanborn

Collected: 04/15/2015 by RCB

Submitted: 04/16/2015 09:10
Reported: 04/28/2015 19:18

Atlantic Richfield(Parsons-NY)
BP Corporation
501 WestLake Park Blvd
Houston TX 77079

CDSD2

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
11997	VOCs Parsons' Specs 8260C	SW-846 8260C	1	L151101AA	04/20/2015 16:55	Caitlin M Carmody	1
01163	GC/MS VOA Water Prep	SW-846 5030C	1	L151101AA	04/20/2015 16:55	Caitlin M Carmody	1

*=This limit was used in the evaluation of the final result

Sample Description: Quarry Pond Water
BP Sanborn COC: R219332
2040 Cory Drive - Sanborn, NY

LL Sample # WW 7849421
LL Group # 1553705
Account # 12495

Project Name: BP Sanborn

Collected: 04/15/2015 08:10 by RCB

Submitted: 04/16/2015 09:10
Reported: 04/28/2015 19:18

Atlantic Richfield(Parsons-NY)
BP Corporation
501 WestLake Park Blvd
Houston TX 77079

CDSQP

CAT No.	Analysis Name	CAS Number	Result	Method Detection Limit*	Limit of Quantitation	Dilution Factor
GC/MS Volatiles	**SW-846 8260C**		**ug/l**	**ug/l**	**ug/l**	
11997	Benzyl Chloride	100-44-7	N.D.	1.0	5.0	1
11997	Bromobenzene	108-86-1	N.D.	1.0	5.0	1
11997	Bromodichloromethane	75-27-4	N.D.	0.50	1.0	1
11997	Bromoform	75-25-2	N.D.	0.50	4.0	1
11997	Bromomethane	74-83-9	N.D.	0.50	1.0	1
11997	Carbon Tetrachloride	56-23-5	N.D.	0.50	1.0	1
11997	Chlorobenzene	108-90-7	N.D.	0.50	1.0	1
11997	Chloroethane	75-00-3	N.D.	0.50	1.0	1
11997	2-Chloroethyl Vinyl Ether	110-75-8	N.D.	2.0	10	1
	2-Chloroethyl vinyl ether may not be recovered if acid was used to preserve this sample.					
11997	Chloroform	67-66-3	N.D.	0.50	1.0	1
11997	Chloromethane	74-87-3	N.D.	0.50	1.0	1
11997	Dibromochloromethane	124-48-1	N.D.	0.50	1.0	1
11997	Dibromomethane	74-95-3	N.D.	0.50	1.0	1
11997	1,2-Dichlorobenzene	95-50-1	N.D.	1.0	5.0	1
11997	1,3-Dichlorobenzene	541-73-1	N.D.	1.0	5.0	1
11997	1,4-Dichlorobenzene	106-46-7	N.D.	1.0	5.0	1
11997	Dichlorodifluoromethane	75-71-8	N.D.	0.50	1.0	1
11997	1,1-Dichloroethane	75-34-3	N.D.	0.50	1.0	1
11997	1,2-Dichloroethane	107-06-2	N.D.	0.50	1.0	1
11997	1,1-Dichloroethene	75-35-4	N.D.	0.50	1.0	1
11997	cis-1,2-Dichloroethene	156-59-2	N.D.	0.50	1.0	1
11997	trans-1,2-Dichloroethene	156-60-5	N.D.	0.50	1.0	1
11997	1,2-Dichloropropane	78-87-5	N.D.	0.50	1.0	1
11997	cis-1,3-Dichloropropene	10061-01-5	N.D.	0.50	1.0	1
11997	trans-1,3-Dichloropropene	10061-02-6	N.D.	0.50	1.0	1
11997	Methylene Chloride	75-09-2	N.D.	2.0	4.0	1
11997	1,1,1,2-Tetrachloroethane	630-20-6	N.D.	0.50	1.0	1
11997	1,1,2,2-Tetrachloroethane	79-34-5	N.D.	0.50	1.0	1
11997	Tetrachloroethene	127-18-4	N.D.	0.50	1.0	1
11997	1,1,1-Trichloroethane	71-55-6	N.D.	0.50	1.0	1
11997	1,1,2-Trichloroethane	79-00-5	N.D.	0.50	1.0	1
11997	Trichloroethene	79-01-6	N.D.	0.50	1.0	1
11997	Trichlorofluoromethane	75-69-4	N.D.	0.50	1.0	1
11997	1,2,3-Trichloropropane	96-18-4	N.D.	1.0	5.0	1
11997	Vinyl Chloride	75-01-4	N.D.	0.50	1.0	1

General Sample Comments

State of New York Certification No. 10670

All QC is compliant unless otherwise noted. Please refer to the Quality Control Summary for overall QC performance data and associated samples.

*=This limit was used in the evaluation of the final result

Sample Description: **Quarry Pond Water**
BP Sanborn COC: R219332
2040 Cory Drive - Sanborn, NY

LL Sample # WW 7849421
LL Group # 1553705
Account # 12495

Project Name: BP Sanborn

Collected: 04/15/2015 08:10 by RCB

Submitted: 04/16/2015 09:10
Reported: 04/28/2015 19:18

Atlantic Richfield(Parsons-NY)
BP Corporation
501 WestLake Park Blvd
Houston TX 77079

CDSQP

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
11997	VOCs Parsons' Specs 8260C	SW-846 8260C	1	L151101AA	04/20/2015 17:18	Caitlin M Carmody	1
01163	GC/MS VOA Water Prep	SW-846 5030C	1	L151101AA	04/20/2015 17:18	Caitlin M Carmody	1

*=This limit was used in the evaluation of the final result

Sample Description: B-38M Water
BP Sanborn COC: R219332
2040 Cory Drive - Sanborn, NY

LL Sample # WW 7849422
LL Group # 1553705
Account # 12495

Project Name: BP Sanborn

Collected: 04/15/2015 09:10 by RCB

Submitted: 04/16/2015 09:10
Reported: 04/28/2015 19:18

Atlantic Richfield(Parsons-NY)
BP Corporation
501 WestLake Park Blvd
Houston TX 77079

CDS38

CAT No.	Analysis Name	CAS Number	Result		Method Detection Limit*	Limit of Quantitation	Dilution Factor
GC/MS Volatiles	**SW-846 8260C**		**ug/l**		**ug/l**	**ug/l**	
11997	Benzyl Chloride	100-44-7	N.D.		1.0	5.0	1
11997	Bromobenzene	108-86-1	N.D.		1.0	5.0	1
11997	Bromodichloromethane	75-27-4	N.D.		0.50	1.0	1
11997	Bromoform	75-25-2	N.D.		0.50	4.0	1
11997	Bromomethane	74-83-9	N.D.		0.50	1.0	1
11997	Carbon Tetrachloride	56-23-5	N.D.		0.50	1.0	1
11997	Chlorobenzene	108-90-7	N.D.		0.50	1.0	1
11997	Chloroethane	75-00-3	N.D.		0.50	1.0	1
11997	2-Chloroethyl Vinyl Ether	110-75-8	N.D.		2.0	10	1
	2-Chloroethyl vinyl ether may not be recovered if acid was used to preserve this sample.						
11997	Chloroform	67-66-3	N.D.		0.50	1.0	1
11997	Chloromethane	74-87-3	N.D.		0.50	1.0	1
11997	Dibromochloromethane	124-48-1	N.D.		0.50	1.0	1
11997	Dibromomethane	74-95-3	N.D.		0.50	1.0	1
11997	1,2-Dichlorobenzene	95-50-1	N.D.		1.0	5.0	1
11997	1,3-Dichlorobenzene	541-73-1	N.D.		1.0	5.0	1
11997	1,4-Dichlorobenzene	106-46-7	N.D.		1.0	5.0	1
11997	Dichlorodifluoromethane	75-71-8	N.D.		0.50	1.0	1
11997	1,1-Dichloroethane	75-34-3	0.53	J	0.50	1.0	1
11997	1,2-Dichloroethane	107-06-2	N.D.		0.50	1.0	1
11997	1,1-Dichloroethene	75-35-4	0.81	J	0.50	1.0	1
11997	cis-1,2-Dichloroethene	156-59-2	43		0.50	1.0	1
11997	trans-1,2-Dichloroethene	156-60-5	0.95	J	0.50	1.0	1
11997	1,2-Dichloropropane	78-87-5	N.D.		0.50	1.0	1
11997	cis-1,3-Dichloropropene	10061-01-5	N.D.		0.50	1.0	1
11997	trans-1,3-Dichloropropene	10061-02-6	N.D.		0.50	1.0	1
11997	Methylene Chloride	75-09-2	N.D.		2.0	4.0	1
11997	1,1,1,2-Tetrachloroethane	630-20-6	N.D.		0.50	1.0	1
11997	1,1,2,2-Tetrachloroethane	79-34-5	N.D.		0.50	1.0	1
11997	Tetrachloroethene	127-18-4	N.D.		0.50	1.0	1
11997	1,1,1-Trichloroethane	71-55-6	N.D.		0.50	1.0	1
11997	1,1,2-Trichloroethane	79-00-5	N.D.		0.50	1.0	1
11997	Trichloroethene	79-01-6	31		0.50	1.0	1
11997	Trichlorofluoromethane	75-69-4	N.D.		0.50	1.0	1
11997	1,2,3-Trichloropropane	96-18-4	N.D.		1.0	5.0	1
11997	Vinyl Chloride	75-01-4	2.4		0.50	1.0	1

The referenced method allows a maximum of 20% of the analytes in the calibration to exceed the 20% Drift continuing calibration verification criteria. The reported concentration in the associated sample(s) is considered to be estimated. Therefore the result for the following analyte(s) is estimated: Vinyl Chloride

General Sample Comments

State of New York Certification No. 10670

All QC is compliant unless otherwise noted. Please refer to the Quality Control Summary for overall QC performance data and associated samples.

*=This limit was used in the evaluation of the final result

Sample Description: B-38M Water
BP Sanborn COC: R219332
2040 Cory Drive - Sanborn, NY

LL Sample # WW 7849422
LL Group # 1553705
Account # 12495

Project Name: BP Sanborn

Collected: 04/15/2015 09:10 by RCB

Submitted: 04/16/2015 09:10
Reported: 04/28/2015 19:18

Atlantic Richfield(Parsons-NY)
BP Corporation
501 WestLake Park Blvd
Houston TX 77079

CDS38

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
11997	VOCs Parsons' Specs 8260C	SW-846 8260C	1	L151101AA	04/20/2015 17:40	Caitlin M Carmody	1
01163	GC/MS VOA Water Prep	SW-846 5030C	1	L151101AA	04/20/2015 17:40	Caitlin M Carmody	1

*=This limit was used in the evaluation of the final result

Sample Description: B-21M Water
BP Sanborn COC: R219332
2040 Cory Drive - Sanborn, NY

LL Sample # WW 7849423
LL Group # 1553705
Account # 12495

Project Name: BP Sanborn

Collected: 04/15/2015 10:05 by RCB

Submitted: 04/16/2015 09:10
Reported: 04/28/2015 19:18

Atlantic Richfield(Parsons-NY)
BP Corporation
501 WestLake Park Blvd
Houston TX 77079

CDS21

CAT No.	Analysis Name	CAS Number	Result	Method Detection Limit*	Limit of Quantitation	Dilution Factor
GC/MS Volatiles	**SW-846 8260C**		**ug/l**	**ug/l**	**ug/l**	
11997	Benzyl Chloride	100-44-7	N.D.	1.0	5.0	1
11997	Bromobenzene	108-86-1	N.D.	1.0	5.0	1
11997	Bromodichloromethane	75-27-4	N.D.	0.50	1.0	1
11997	Bromoform	75-25-2	N.D.	0.50	4.0	1
11997	Bromomethane	74-83-9	N.D.	0.50	1.0	1
11997	Carbon Tetrachloride	56-23-5	N.D.	0.50	1.0	1
11997	Chlorobenzene	108-90-7	N.D.	0.50	1.0	1
11997	Chloroethane	75-00-3	N.D.	0.50	1.0	1
11997	2-Chloroethyl Vinyl Ether	110-75-8	N.D.	2.0	10	1
	2-Chloroethyl vinyl ether may not be recovered if acid was used to preserve this sample.					
11997	Chloroform	67-66-3	N.D.	0.50	1.0	1
11997	Chloromethane	74-87-3	N.D.	0.50	1.0	1
11997	Dibromochloromethane	124-48-1	N.D.	0.50	1.0	1
11997	Dibromomethane	74-95-3	N.D.	0.50	1.0	1
11997	1,2-Dichlorobenzene	95-50-1	N.D.	1.0	5.0	1
11997	1,3-Dichlorobenzene	541-73-1	N.D.	1.0	5.0	1
11997	1,4-Dichlorobenzene	106-46-7	N.D.	1.0	5.0	1
11997	Dichlorodifluoromethane	75-71-8	N.D.	0.50	1.0	1
11997	1,1-Dichloroethane	75-34-3	N.D.	0.50	1.0	1
11997	1,2-Dichloroethane	107-06-2	N.D.	0.50	1.0	1
11997	1,1-Dichloroethene	75-35-4	N.D.	0.50	1.0	1
11997	cis-1,2-Dichloroethene	156-59-2	N.D.	0.50	1.0	1
11997	trans-1,2-Dichloroethene	156-60-5	N.D.	0.50	1.0	1
11997	1,2-Dichloropropane	78-87-5	N.D.	0.50	1.0	1
11997	cis-1,3-Dichloropropene	10061-01-5	N.D.	0.50	1.0	1
11997	trans-1,3-Dichloropropene	10061-02-6	N.D.	0.50	1.0	1
11997	Methylene Chloride	75-09-2	N.D.	2.0	4.0	1
11997	1,1,1,2-Tetrachloroethane	630-20-6	N.D.	0.50	1.0	1
11997	1,1,2,2-Tetrachloroethane	79-34-5	N.D.	0.50	1.0	1
11997	Tetrachloroethene	127-18-4	N.D.	0.50	1.0	1
11997	1,1,1-Trichloroethane	71-55-6	N.D.	0.50	1.0	1
11997	1,1,2-Trichloroethane	79-00-5	N.D.	0.50	1.0	1
11997	Trichloroethene	79-01-6	N.D.	0.50	1.0	1
11997	Trichlorofluoromethane	75-69-4	N.D.	0.50	1.0	1
11997	1,2,3-Trichloropropane	96-18-4	N.D.	1.0	5.0	1
11997	Vinyl Chloride	75-01-4	N.D.	0.50	1.0	1

General Sample Comments

State of New York Certification No. 10670

All QC is compliant unless otherwise noted. Please refer to the Quality Control Summary for overall QC performance data and associated samples.

*=This limit was used in the evaluation of the final result

Sample Description: B-21M Water
BP Sanborn COC: R219332
2040 Cory Drive - Sanborn, NY

LL Sample # WW 7849423
LL Group # 1553705
Account # 12495

Project Name: BP Sanborn

Collected: 04/15/2015 10:05 by RCB

Submitted: 04/16/2015 09:10
Reported: 04/28/2015 19:18

Atlantic Richfield(Parsons-NY)
BP Corporation
501 WestLake Park Blvd
Houston TX 77079

CDS21

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
11997	VOCs Parsons' Specs 8260C	SW-846 8260C	1	L151101AA	04/20/2015 18:03	Caitlin M Carmody	1
01163	GC/MS VOA Water Prep	SW-846 5030C	1	L151101AA	04/20/2015 18:03	Caitlin M Carmody	1

*=This limit was used in the evaluation of the final result

Sample Description: **B-28M Water**
BP Sanborn COC: R219332
2040 Cory Drive - Sanborn, NY

LL Sample # WW 7849424
LL Group # 1553705
Account # 12495

Project Name: BP Sanborn

Collected: 04/15/2015 11:00 by RCB

Submitted: 04/16/2015 09:10
Reported: 04/28/2015 19:18

Atlantic Richfield(Parsons-NY)
BP Corporation
501 WestLake Park Blvd
Houston TX 77079

CDS28

CAT No.	Analysis Name	CAS Number	Result	Method Detection Limit*	Limit of Quantitation	Dilution Factor
GC/MS Volatiles	**SW-846 8260C**		**ug/l**	**ug/l**	**ug/l**	
11997	Benzyl Chloride	100-44-7	N.D.	1.0	5.0	1
11997	Bromobenzene	108-86-1	N.D.	1.0	5.0	1
11997	Bromodichloromethane	75-27-4	N.D.	0.50	1.0	1
11997	Bromoform	75-25-2	N.D.	0.50	4.0	1
11997	Bromomethane	74-83-9	N.D.	0.50	1.0	1
11997	Carbon Tetrachloride	56-23-5	N.D.	0.50	1.0	1
11997	Chlorobenzene	108-90-7	N.D.	0.50	1.0	1
11997	Chloroethane	75-00-3	N.D.	0.50	1.0	1
11997	2-Chloroethyl Vinyl Ether	110-75-8	N.D.	2.0	10	1
	2-Chloroethyl vinyl ether may not be recovered if acid was used to preserve this sample.					
11997	Chloroform	67-66-3	N.D.	0.50	1.0	1
11997	Chloromethane	74-87-3	N.D.	0.50	1.0	1
11997	Dibromochloromethane	124-48-1	N.D.	0.50	1.0	1
11997	Dibromomethane	74-95-3	N.D.	0.50	1.0	1
11997	1,2-Dichlorobenzene	95-50-1	N.D.	1.0	5.0	1
11997	1,3-Dichlorobenzene	541-73-1	N.D.	1.0	5.0	1
11997	1,4-Dichlorobenzene	106-46-7	N.D.	1.0	5.0	1
11997	Dichlorodifluoromethane	75-71-8	N.D.	0.50	1.0	1
11997	1,1-Dichloroethane	75-34-3	N.D.	0.50	1.0	1
11997	1,2-Dichloroethane	107-06-2	N.D.	0.50	1.0	1
11997	1,1-Dichloroethene	75-35-4	N.D.	0.50	1.0	1
11997	cis-1,2-Dichloroethene	156-59-2	N.D.	0.50	1.0	1
11997	trans-1,2-Dichloroethene	156-60-5	N.D.	0.50	1.0	1
11997	1,2-Dichloropropane	78-87-5	N.D.	0.50	1.0	1
11997	cis-1,3-Dichloropropene	10061-01-5	N.D.	0.50	1.0	1
11997	trans-1,3-Dichloropropene	10061-02-6	N.D.	0.50	1.0	1
11997	Methylene Chloride	75-09-2	N.D.	2.0	4.0	1
11997	1,1,1,2-Tetrachloroethane	630-20-6	N.D.	0.50	1.0	1
11997	1,1,2,2-Tetrachloroethane	79-34-5	N.D.	0.50	1.0	1
11997	Tetrachloroethene	127-18-4	N.D.	0.50	1.0	1
11997	1,1,1-Trichloroethane	71-55-6	N.D.	0.50	1.0	1
11997	1,1,2-Trichloroethane	79-00-5	N.D.	0.50	1.0	1
11997	Trichloroethene	79-01-6	N.D.	0.50	1.0	1
11997	Trichlorofluoromethane	75-69-4	N.D.	0.50	1.0	1
11997	1,2,3-Trichloropropane	96-18-4	N.D.	1.0	5.0	1
11997	Vinyl Chloride	75-01-4	N.D.	0.50	1.0	1

General Sample Comments

State of New York Certification No. 10670

All QC is compliant unless otherwise noted. Please refer to the Quality Control Summary for overall QC performance data and associated samples.

*=This limit was used in the evaluation of the final result

Sample Description: B-28M Water
BP Sanborn COC: R219332
2040 Cory Drive - Sanborn, NY

LL Sample # WW 7849424
LL Group # 1553705
Account # 12495

Project Name: BP Sanborn

Collected: 04/15/2015 11:00 by RCB

Submitted: 04/16/2015 09:10
Reported: 04/28/2015 19:18

Atlantic Richfield(Parsons-NY)
BP Corporation
501 WestLake Park Blvd
Houston TX 77079

CDS28

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
11997	VOCs Parsons' Specs 8260C	SW-846 8260C	1	L151101AA	04/20/2015 18:25	Caitlin M Carmody	1
01163	GC/MS VOA Water Prep	SW-846 5030C	1	L151101AA	04/20/2015 18:25	Caitlin M Carmody	1

*=This limit was used in the evaluation of the final result

Sample Description: PW-3 Water
BP Sanborn COC: R219332
2040 Cory Drive - Sanborn, NY

LL Sample # WW 7849425
LL Group # 1553705
Account # 12495

Project Name: BP Sanborn

Collected: 04/15/2015 11:15 by RCB

Submitted: 04/16/2015 09:10
Reported: 04/28/2015 19:18

Atlantic Richfield(Parsons-NY)
BP Corporation
501 WestLake Park Blvd
Houston TX 77079

CDSW3

CAT No.	Analysis Name	CAS Number	Result		Method Detection Limit*	Limit of Quantitation	Dilution Factor
GC/MS Volatiles	**SW-846 8260C**		**ug/l**		**ug/l**	**ug/l**	
11997	Benzyl Chloride	100-44-7	N.D.		1.0	5.0	1
11997	Bromobenzene	108-86-1	N.D.		1.0	5.0	1
11997	Bromodichloromethane	75-27-4	1.3		0.50	1.0	1
11997	Bromoform	75-25-2	N.D.		0.50	4.0	1
11997	Bromomethane	74-83-9	N.D.		0.50	1.0	1
11997	Carbon Tetrachloride	56-23-5	N.D.		0.50	1.0	1
11997	Chlorobenzene	108-90-7	N.D.		0.50	1.0	1
11997	Chloroethane	75-00-3	N.D.		0.50	1.0	1
11997	2-Chloroethyl Vinyl Ether	110-75-8	N.D.		2.0	10	1
	2-Chloroethyl vinyl ether may not be recovered if acid was used to preserve this sample.						
11997	Chloroform	67-66-3	2.4		0.50	1.0	1
11997	Chloromethane	74-87-3	N.D.		0.50	1.0	1
11997	Dibromochloromethane	124-48-1	N.D.		0.50	1.0	1
11997	Dibromomethane	74-95-3	N.D.		0.50	1.0	1
11997	1,2-Dichlorobenzene	95-50-1	N.D.		1.0	5.0	1
11997	1,3-Dichlorobenzene	541-73-1	N.D.		1.0	5.0	1
11997	1,4-Dichlorobenzene	106-46-7	N.D.		1.0	5.0	1
11997	Dichlorodifluoromethane	75-71-8	N.D.		0.50	1.0	1
11997	1,1-Dichloroethane	75-34-3	N.D.		0.50	1.0	1
11997	1,2-Dichloroethane	107-06-2	N.D.		0.50	1.0	1
11997	1,1-Dichloroethene	75-35-4	N.D.		0.50	1.0	1
11997	cis-1,2-Dichloroethene	156-59-2	81		0.50	1.0	1
11997	trans-1,2-Dichloroethene	156-60-5	0.75	J	0.50	1.0	1
11997	1,2-Dichloropropane	78-87-5	N.D.		0.50	1.0	1
11997	cis-1,3-Dichloropropene	10061-01-5	N.D.		0.50	1.0	1
11997	trans-1,3-Dichloropropene	10061-02-6	N.D.		0.50	1.0	1
11997	Methylene Chloride	75-09-2	N.D.		2.0	4.0	1
11997	1,1,1,2-Tetrachloroethane	630-20-6	N.D.		0.50	1.0	1
11997	1,1,2,2-Tetrachloroethane	79-34-5	N.D.		0.50	1.0	1
11997	Tetrachloroethene	127-18-4	16		0.50	1.0	1
11997	1,1,1-Trichloroethane	71-55-6	N.D.		0.50	1.0	1
11997	1,1,2-Trichloroethane	79-00-5	N.D.		0.50	1.0	1
11997	Trichloroethene	79-01-6	560		5.0	10	10
11997	Trichlorofluoromethane	75-69-4	N.D.		0.50	1.0	1
11997	1,2,3-Trichloropropane	96-18-4	N.D.		1.0	5.0	1
11997	Vinyl Chloride	75-01-4	N.D.		0.50	1.0	1

General Sample Comments

State of New York Certification No. 10670

All QC is compliant unless otherwise noted. Please refer to the Quality Control Summary for overall QC performance data and associated samples.

*=This limit was used in the evaluation of the final result

Sample Description: PW-3 Water
BP Sanborn COC: R219332
2040 Cory Drive - Sanborn, NY

LL Sample # WW 7849425
LL Group # 1553705
Account # 12495

Project Name: BP Sanborn

Collected: 04/15/2015 11:15 by RCB

Submitted: 04/16/2015 09:10
Reported: 04/28/2015 19:18

Atlantic Richfield(Parsons-NY)
BP Corporation
501 WestLake Park Blvd
Houston TX 77079

CDSW3

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
11997	VOCs Parsons' Specs 8260C	SW-846 8260C	1	L151101AA	04/20/2015 18:48	Caitlin M Carmody	1
11997	VOCs Parsons' Specs 8260C	SW-846 8260C	1	L151101AA	04/20/2015 19:10	Caitlin M Carmody	10
01163	GC/MS VOA Water Prep	SW-846 5030C	1	L151101AA	04/20/2015 18:48	Caitlin M Carmody	1
01163	GC/MS VOA Water Prep	SW-846 5030C	2	L151101AA	04/20/2015 19:10	Caitlin M Carmody	10

*=This limit was used in the evaluation of the final result

Sample Description: PW-1 Water
BP Sanborn COC: R219332
2040 Cory Drive - Sanborn, NY

LL Sample # WW 7849426
LL Group # 1553705
Account # 12495

Project Name: BP Sanborn

Collected: 04/15/2015 13:00 by RCB

Submitted: 04/16/2015 09:10
Reported: 04/28/2015 19:18

Atlantic Richfield(Parsons-NY)
BP Corporation
501 WestLake Park Blvd
Houston TX 77079

CDSW1

CAT No.	Analysis Name	CAS Number	Result	Method Detection Limit*	Limit of Quantitation	Dilution Factor
GC/MS Volatiles	**SW-846 8260C**		**ug/l**	**ug/l**	**ug/l**	
11997	Benzyl Chloride	100-44-7	N.D.	2.0	10	2
11997	Bromobenzene	108-86-1	N.D.	2.0	10	2
11997	Bromodichloromethane	75-27-4	N.D.	1.0	2.0	2
11997	Bromoform	75-25-2	N.D.	1.0	8.0	2
11997	Bromomethane	74-83-9	N.D.	1.0	2.0	2
11997	Carbon Tetrachloride	56-23-5	N.D.	1.0	2.0	2
11997	Chlorobenzene	108-90-7	N.D.	1.0	2.0	2
11997	Chloroethane	75-00-3	N.D.	1.0	2.0	2
11997	2-Chloroethyl Vinyl Ether	110-75-8	N.D.	4.0	20	2
	2-Chloroethyl vinyl ether may not be recovered if acid was used to preserve this sample.					
11997	Chloroform	67-66-3	N.D.	1.0	2.0	2
11997	Chloromethane	74-87-3	N.D.	1.0	2.0	2
11997	Dibromochloromethane	124-48-1	N.D.	1.0	2.0	2
11997	Dibromomethane	74-95-3	N.D.	1.0	2.0	2
11997	1,2-Dichlorobenzene	95-50-1	N.D.	2.0	10	2
11997	1,3-Dichlorobenzene	541-73-1	N.D.	2.0	10	2
11997	1,4-Dichlorobenzene	106-46-7	N.D.	2.0	10	2
11997	Dichlorodifluoromethane	75-71-8	N.D.	1.0	2.0	2
11997	1,1-Dichloroethane	75-34-3	55	1.0	2.0	2
11997	1,2-Dichloroethane	107-06-2	N.D.	1.0	2.0	2
11997	1,1-Dichloroethene	75-35-4	15	1.0	2.0	2
11997	cis-1,2-Dichloroethene	156-59-2	1,500	10	20	20
11997	trans-1,2-Dichloroethene	156-60-5	12	1.0	2.0	2
11997	1,2-Dichloropropane	78-87-5	N.D.	1.0	2.0	2
11997	cis-1,3-Dichloropropene	10061-01-5	N.D.	1.0	2.0	2
11997	trans-1,3-Dichloropropene	10061-02-6	N.D.	1.0	2.0	2
11997	Methylene Chloride	75-09-2	N.D.	4.0	8.0	2
11997	1,1,1,2-Tetrachloroethane	630-20-6	N.D.	1.0	2.0	2
11997	1,1,2,2-Tetrachloroethane	79-34-5	N.D.	1.0	2.0	2
11997	Tetrachloroethene	127-18-4	5.6	1.0	2.0	2
11997	1,1,1-Trichloroethane	71-55-6	31	1.0	2.0	2
11997	1,1,2-Trichloroethane	79-00-5	N.D.	1.0	2.0	2
11997	Trichloroethene	79-01-6	4,500	10	20	20
11997	Trichlorofluoromethane	75-69-4	N.D.	1.0	2.0	2
11997	1,2,3-Trichloropropane	96-18-4	N.D.	2.0	10	2
11997	Vinyl Chloride	75-01-4	110	1.0	2.0	2

The referenced method allows a maximum of 20% of the analytes in the calibration to exceed the 20% Drift continuing calibration verification criteria. The reported concentration in the associated sample(s) is considered to be estimated. Therefore the result for the following analyte(s) is estimated: Vinyl Chloride

General Sample Comments

State of New York Certification No. 10670

All QC is compliant unless otherwise noted. Please refer to the Quality Control Summary for overall QC performance data and associated samples.

*=This limit was used in the evaluation of the final result

Sample Description: PW-1 Water
BP Sanborn COC: R219332
2040 Cory Drive - Sanborn, NY

LL Sample # WW 7849426
LL Group # 1553705
Account # 12495

Project Name: BP Sanborn

Collected: 04/15/2015 13:00 by RCB

Submitted: 04/16/2015 09:10
Reported: 04/28/2015 19:18

Atlantic Richfield(Parsons-NY)
BP Corporation
501 WestLake Park Blvd
Houston TX 77079

CDSW1

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
11997	VOCs Parsons' Specs 8260C	SW-846 8260C	1	L151101AA	04/20/2015 19:33	Caitlin M Carmody	2
11997	VOCs Parsons' Specs 8260C	SW-846 8260C	1	L151101AA	04/20/2015 19:55	Caitlin M Carmody	20
01163	GC/MS VOA Water Prep	SW-846 5030C	1	L151101AA	04/20/2015 19:33	Caitlin M Carmody	2
01163	GC/MS VOA Water Prep	SW-846 5030C	2	L151101AA	04/20/2015 19:55	Caitlin M Carmody	20

*=This limit was used in the evaluation of the final result

Sample Description: P-2 Water
BP Sanborn COC: R219332
2040 Cory Drive - Sanborn, NY

LL Sample # WW 7849427
LL Group # 1553705
Account # 12495

Project Name: BP Sanborn

Collected: 04/15/2015 13:20 by RCB

Submitted: 04/16/2015 09:10
Reported: 04/28/2015 19:18

Atlantic Richfield(Parsons-NY)
BP Corporation
501 WestLake Park Blvd
Houston TX 77079

CDSP2

CAT No.	Analysis Name	CAS Number	Result		Method Detection Limit*	Limit of Quantitation	Dilution Factor
GC/MS Volatiles	**SW-846 8260C**		**ug/l**		**ug/l**	**ug/l**	
11997	Benzyl Chloride	100-44-7	N.D.		1.0	5.0	1
11997	Bromobenzene	108-86-1	N.D.		1.0	5.0	1
11997	Bromodichloromethane	75-27-4	N.D.		0.50	1.0	1
11997	Bromoform	75-25-2	N.D.		0.50	4.0	1
11997	Bromomethane	74-83-9	N.D.		0.50	1.0	1
11997	Carbon Tetrachloride	56-23-5	N.D.		0.50	1.0	1
11997	Chlorobenzene	108-90-7	N.D.		0.50	1.0	1
11997	Chloroethane	75-00-3	0.66	J	0.50	1.0	1
11997	2-Chloroethyl Vinyl Ether	110-75-8	N.D.		2.0	10	1
	2-Chloroethyl vinyl ether may not be recovered if acid was used to preserve this sample.						
11997	Chloroform	67-66-3	0.68	J	0.50	1.0	1
11997	Chloromethane	74-87-3	N.D.		0.50	1.0	1
11997	Dibromochloromethane	124-48-1	N.D.		0.50	1.0	1
11997	Dibromomethane	74-95-3	N.D.		0.50	1.0	1
11997	1,2-Dichlorobenzene	95-50-1	N.D.		1.0	5.0	1
11997	1,3-Dichlorobenzene	541-73-1	N.D.		1.0	5.0	1
11997	1,4-Dichlorobenzene	106-46-7	N.D.		1.0	5.0	1
11997	Dichlorodifluoromethane	75-71-8	N.D.		0.50	1.0	1
11997	1,1-Dichloroethane	75-34-3	81		0.50	1.0	1
11997	1,2-Dichloroethane	107-06-2	N.D.		0.50	1.0	1
11997	1,1-Dichloroethene	75-35-4	28		0.50	1.0	1
11997	cis-1,2-Dichloroethene	156-59-2	400		25	50	50
11997	trans-1,2-Dichloroethene	156-60-5	4.5		0.50	1.0	1
11997	1,2-Dichloropropane	78-87-5	N.D.		0.50	1.0	1
11997	cis-1,3-Dichloropropene	10061-01-5	N.D.		0.50	1.0	1
11997	trans-1,3-Dichloropropene	10061-02-6	N.D.		0.50	1.0	1
11997	Methylene Chloride	75-09-2	N.D.		2.0	4.0	1
11997	1,1,1,2-Tetrachloroethane	630-20-6	N.D.		0.50	1.0	1
11997	1,1,2,2-Tetrachloroethane	79-34-5	N.D.		0.50	1.0	1
11997	Tetrachloroethene	127-18-4	1.0	J	0.50	1.0	1
11997	1,1,1-Trichloroethane	71-55-6	480		25	50	50
11997	1,1,2-Trichloroethane	79-00-5	1.4		0.50	1.0	1
11997	Trichloroethene	79-01-6	3,200		25	50	50
11997	Trichlorofluoromethane	75-69-4	N.D.		0.50	1.0	1
11997	1,2,3-Trichloropropane	96-18-4	N.D.		1.0	5.0	1
11997	Vinyl Chloride	75-01-4	16		0.50	1.0	1

The referenced method allows a maximum of 20% of the analytes in the calibration to exceed the 20% Drift continuing calibration verification criteria. The reported concentration in the associated sample(s) is considered to be estimated. Therefore the result for the following analyte(s) is estimated: Vinyl Chloride, Chloroethane.

General Sample Comments

State of New York Certification No. 10670

All QC is compliant unless otherwise noted. Please refer to the Quality Control Summary for overall QC performance data and associated samples.

*=This limit was used in the evaluation of the final result

Sample Description: P-2 Water
BP Sanborn COC: R219332
2040 Cory Drive - Sanborn, NY

LL Sample # WW 7849427
LL Group # 1553705
Account # 12495

Project Name: BP Sanborn

Collected: 04/15/2015 13:20 by RCB

Submitted: 04/16/2015 09:10
Reported: 04/28/2015 19:18

Atlantic Richfield(Parsons-NY)
BP Corporation
501 WestLake Park Blvd
Houston TX 77079

CDSP2

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
11997	VOCs Parsons' Specs 8260C	SW-846 8260C	1	L151101AA	04/20/2015 20:18	Caitlin M Carmody	1
11997	VOCs Parsons' Specs 8260C	SW-846 8260C	1	L151121AA	04/22/2015 07:14	Stephanie A Selis	50
01163	GC/MS VOA Water Prep	SW-846 5030C	1	L151101AA	04/20/2015 20:18	Caitlin M Carmody	1
01163	GC/MS VOA Water Prep	SW-846 5030C	2	L151121AA	04/22/2015 07:14	Stephanie A Selis	50

*=This limit was used in the evaluation of the final result

Sample Description: T002 Water
BP Sanborn COC: R219331
2040 Cory Drive - Sanborn, NY

LL Sample # WW 7849428
LL Group # 1553705
Account # 12495

Project Name: BP Sanborn

Collected: 04/15/2015 13:30 by RCB

Submitted: 04/16/2015 09:10
Reported: 04/28/2015 19:18

Atlantic Richfield(Parsons-NY)
BP Corporation
501 WestLake Park Blvd
Houston TX 77079

CDST2

CAT No.	Analysis Name	CAS Number	Result	Method Detection Limit*	Limit of Quantitation	Dilution Factor
GC/MS Volatiles	**SW-846 8260C**		**ug/l**	**ug/l**	**ug/l**	
11997	Benzyl Chloride	100-44-7	N.D.	1.0	5.0	1
11997	Bromobenzene	108-86-1	N.D.	1.0	5.0	1
11997	Bromodichloromethane	75-27-4	N.D.	0.50	1.0	1
11997	Bromoform	75-25-2	N.D.	0.50	4.0	1
11997	Bromomethane	74-83-9	N.D.	0.50	1.0	1
11997	Carbon Tetrachloride	56-23-5	N.D.	0.50	1.0	1
11997	Chlorobenzene	108-90-7	N.D.	0.50	1.0	1
11997	Chloroethane	75-00-3	2.6	0.50	1.0	1
11997	2-Chloroethyl Vinyl Ether	110-75-8	N.D.	2.0	10	1
	2-Chloroethyl vinyl ether may not be recovered if acid was used to preserve this sample.					
11997	Chloroform	67-66-3	0.52 J	0.50	1.0	1
11997	Chloromethane	74-87-3	N.D.	0.50	1.0	1
11997	Dibromochloromethane	124-48-1	N.D.	0.50	1.0	1
11997	Dibromomethane	74-95-3	N.D.	0.50	1.0	1
11997	1,2-Dichlorobenzene	95-50-1	N.D.	1.0	5.0	1
11997	1,3-Dichlorobenzene	541-73-1	N.D.	1.0	5.0	1
11997	1,4-Dichlorobenzene	106-46-7	N.D.	1.0	5.0	1
11997	Dichlorodifluoromethane	75-71-8	N.D.	0.50	1.0	1
11997	1,1-Dichloroethane	75-34-3	9.1	0.50	1.0	1
11997	1,2-Dichloroethane	107-06-2	N.D.	0.50	1.0	1
11997	1,1-Dichloroethene	75-35-4	1.7	0.50	1.0	1
11997	cis-1,2-Dichloroethene	156-59-2	360	5.0	10	10
11997	trans-1,2-Dichloroethene	156-60-5	2.5	0.50	1.0	1
11997	1,2-Dichloropropane	78-87-5	N.D.	0.50	1.0	1
11997	cis-1,3-Dichloropropene	10061-01-5	N.D.	0.50	1.0	1
11997	trans-1,3-Dichloropropene	10061-02-6	N.D.	0.50	1.0	1
11997	Methylene Chloride	75-09-2	N.D.	2.0	4.0	1
11997	1,1,1,2-Tetrachloroethane	630-20-6	N.D.	0.50	1.0	1
11997	1,1,2,2-Tetrachloroethane	79-34-5	N.D.	0.50	1.0	1
11997	Tetrachloroethene	127-18-4	8.0	0.50	1.0	1
11997	1,1,1-Trichloroethane	71-55-6	11	0.50	1.0	1
11997	1,1,2-Trichloroethane	79-00-5	N.D.	0.50	1.0	1
11997	Trichloroethene	79-01-6	960	5.0	10	10
11997	Trichlorofluoromethane	75-69-4	N.D.	0.50	1.0	1
11997	1,2,3-Trichloropropane	96-18-4	N.D.	1.0	5.0	1
11997	Vinyl Chloride	75-01-4	22	0.50	1.0	1

The referenced method allows a maximum of 20% of the analytes in the calibration to exceed the 20% Drift continuing calibration verification criteria. The reported concentration in the associated sample(s) is considered to be estimated. Therefore the result for the following analyte(s) is estimated:
Vinyl Chloride, Chloroethane.

General Sample Comments

State of New York Certification No. 10670

All QC is compliant unless otherwise noted. Please refer to the Quality Control Summary for overall QC performance data and associated samples.

*=This limit was used in the evaluation of the final result

Sample Description: T002 Water
BP Sanborn COC: R219331
2040 Cory Drive - Sanborn, NY

LL Sample # WW 7849428
LL Group # 1553705
Account # 12495

Project Name: BP Sanborn

Collected: 04/15/2015 13:30 by RCB

Submitted: 04/16/2015 09:10
Reported: 04/28/2015 19:18

Atlantic Richfield(Parsons-NY)
BP Corporation
501 WestLake Park Blvd
Houston TX 77079

CDST2

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
11997	VOCs Parsons' Specs 8260C	SW-846 8260C	1	L151101AA	04/20/2015 13:11	Caitlin M Carmody	1
11997	VOCs Parsons' Specs 8260C	SW-846 8260C	1	L151101AA	04/20/2015 14:18	Caitlin M Carmody	10
01163	GC/MS VOA Water Prep	SW-846 5030C	1	L151101AA	04/20/2015 13:11	Caitlin M Carmody	1
01163	GC/MS VOA Water Prep	SW-846 5030C	2	L151101AA	04/20/2015 14:18	Caitlin M Carmody	10

*=This limit was used in the evaluation of the final result

Sample Description: **T002 MS Water**
BP Sanborn COC: R219331
2040 Cory Drive - Sanborn, NY

LL Sample # WW 7849429
LL Group # 1553705
Account # 12495

Project Name: BP Sanborn

Collected: 04/15/2015 13:30 by RCB

Submitted: 04/16/2015 09:10
Reported: 04/28/2015 19:18

Atlantic Richfield(Parsons-NY)
BP Corporation
501 WestLake Park Blvd
Houston TX 77079

CDST2

CAT No.	Analysis Name	CAS Number	Result		Method Detection Limit*	Limit of Quantitation	Dilution Factor
GC/MS Volatiles	**SW-846 8260C**		**ug/l**		**ug/l**	**ug/l**	
11997	Benzyl Chloride	100-44-7	18		1.0	5.0	1
11997	Bromobenzene	108-86-1	22		1.0	5.0	1
11997	Bromodichloromethane	75-27-4	21		0.50	1.0	1
11997	Bromoform	75-25-2	22		0.50	4.0	1
11997	Bromomethane	74-83-9	35		0.50	1.0	1
11997	Carbon Tetrachloride	56-23-5	24		0.50	1.0	1
11997	Chlorobenzene	108-90-7	22		0.50	1.0	1
11997	Chloroethane	75-00-3	32		0.50	1.0	1
11997	2-Chloroethyl Vinyl Ether	110-75-8	18		2.0	10	1
	2-Chloroethyl vinyl ether may not be recovered if acid was used to preserve this sample.						
11997	Chloroform	67-66-3	23		0.50	1.0	1
11997	Chloromethane	74-87-3	20		0.50	1.0	1
11997	Dibromochloromethane	124-48-1	22		0.50	1.0	1
11997	Dibromomethane	74-95-3	21		0.50	1.0	1
11997	1,2-Dichlorobenzene	95-50-1	21		1.0	5.0	1
11997	1,3-Dichlorobenzene	541-73-1	22		1.0	5.0	1
11997	1,4-Dichlorobenzene	106-46-7	22		1.0	5.0	1
11997	Dichlorodifluoromethane	75-71-8	23		0.50	1.0	1
11997	1,1-Dichloroethane	75-34-3	33		0.50	1.0	1
11997	1,2-Dichloroethane	107-06-2	22		0.50	1.0	1
11997	1,1-Dichloroethene	75-35-4	26		0.50	1.0	1
11997	cis-1,2-Dichloroethene	156-59-2	460	E	0.50	1.0	1
11997	trans-1,2-Dichloroethene	156-60-5	27		0.50	1.0	1
11997	1,2-Dichloropropane	78-87-5	21		0.50	1.0	1
11997	cis-1,3-Dichloropropene	10061-01-5	22		0.50	1.0	1
11997	trans-1,3-Dichloropropene	10061-02-6	22		0.50	1.0	1
11997	Methylene Chloride	75-09-2	21		2.0	4.0	1
11997	1,1,1,2-Tetrachloroethane	630-20-6	23		0.50	1.0	1
11997	1,1,2,2-Tetrachloroethane	79-34-5	18		0.50	1.0	1
11997	Tetrachloroethene	127-18-4	36		0.50	1.0	1
11997	1,1,1-Trichloroethane	71-55-6	35		0.50	1.0	1
11997	1,1,2-Trichloroethane	79-00-5	21		0.50	1.0	1
11997	Trichloroethene	79-01-6	1,200	E	0.50	1.0	1
11997	Trichlorofluoromethane	75-69-4	34		0.50	1.0	1
11997	1,2,3-Trichloropropane	96-18-4	19		1.0	5.0	1
11997	Vinyl Chloride	75-01-4	47		0.50	1.0	1

General Sample Comments

State of New York Certification No. 10670

All QC is compliant unless otherwise noted. Please refer to the Quality Control Summary for overall QC performance data and associated samples.

*=This limit was used in the evaluation of the final result

Sample Description: T002 MS Water
BP Sanborn COC: R219331
2040 Cory Drive - Sanborn, NY

LL Sample # WW 7849429
LL Group # 1553705
Account # 12495

Project Name: BP Sanborn

Collected: 04/15/2015 13:30 by RCB

Submitted: 04/16/2015 09:10
Reported: 04/28/2015 19:18

Atlantic Richfield(Parsons-NY)
BP Corporation
501 WestLake Park Blvd
Houston TX 77079

CDST2

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
11997	VOCs Parsons' Specs 8260C	SW-846 8260C	1	L151101AA	04/20/2015 13:33	Caitlin M Carmody	1
01163	GC/MS VOA Water Prep	SW-846 5030C	1	L151101AA	04/20/2015 13:33	Caitlin M Carmody	1

*=This limit was used in the evaluation of the final result

Sample Description: T002 MSD Water
BP Sanborn COC: R219331
2040 Cory Drive - Sanborn, NY

LL Sample # WW 7849430
LL Group # 1553705
Account # 12495

Project Name: BP Sanborn

Collected: 04/15/2015 13:30 by RCB

Submitted: 04/16/2015 09:10
Reported: 04/28/2015 19:18

Atlantic Richfield(Parsons-NY)
BP Corporation
501 WestLake Park Blvd
Houston TX 77079

CDST2

CAT No.	Analysis Name	CAS Number	Result		Method Detection Limit*	Limit of Quantitation	Dilution Factor
GC/MS Volatiles	**SW-846 8260C**		ug/l		ug/l	ug/l	
11997	Benzyl Chloride	100-44-7	19		1.0	5.0	1
11997	Bromobenzene	108-86-1	23		1.0	5.0	1
11997	Bromodichloromethane	75-27-4	22		0.50	1.0	1
11997	Bromoform	75-25-2	22		0.50	4.0	1
11997	Bromomethane	74-83-9	39		0.50	1.0	1
11997	Carbon Tetrachloride	56-23-5	24		0.50	1.0	1
11997	Chlorobenzene	108-90-7	23		0.50	1.0	1
11997	Chloroethane	75-00-3	32		0.50	1.0	1
11997	2-Chloroethyl Vinyl Ether	110-75-8	18		2.0	10	1
	2-Chloroethyl vinyl ether may not be recovered if acid was used to preserve this sample.						
11997	Chloroform	67-66-3	23		0.50	1.0	1
11997	Chloromethane	74-87-3	21		0.50	1.0	1
11997	Dibromochloromethane	124-48-1	23		0.50	1.0	1
11997	Dibromomethane	74-95-3	21		0.50	1.0	1
11997	1,2-Dichlorobenzene	95-50-1	22		1.0	5.0	1
11997	1,3-Dichlorobenzene	541-73-1	23		1.0	5.0	1
11997	1,4-Dichlorobenzene	106-46-7	23		1.0	5.0	1
11997	Dichlorodifluoromethane	75-71-8	24		0.50	1.0	1
11997	1,1-Dichloroethane	75-34-3	33		0.50	1.0	1
11997	1,2-Dichloroethane	107-06-2	22		0.50	1.0	1
11997	1,1-Dichloroethene	75-35-4	26		0.50	1.0	1
11997	cis-1,2-Dichloroethene	156-59-2	450	E	0.50	1.0	1
11997	trans-1,2-Dichloroethene	156-60-5	27		0.50	1.0	1
11997	1,2-Dichloropropane	78-87-5	21		0.50	1.0	1
11997	cis-1,3-Dichloropropene	10061-01-5	22		0.50	1.0	1
11997	trans-1,3-Dichloropropene	10061-02-6	22		0.50	1.0	1
11997	Methylene Chloride	75-09-2	21		2.0	4.0	1
11997	1,1,1,2-Tetrachloroethane	630-20-6	24		0.50	1.0	1
11997	1,1,2,2-Tetrachloroethane	79-34-5	18		0.50	1.0	1
11997	Tetrachloroethene	127-18-4	37		0.50	1.0	1
11997	1,1,1-Trichloroethane	71-55-6	35		0.50	1.0	1
11997	1,1,2-Trichloroethane	79-00-5	21		0.50	1.0	1
11997	Trichloroethene	79-01-6	1,200	E	0.50	1.0	1
11997	Trichlorofluoromethane	75-69-4	34		0.50	1.0	1
11997	1,2,3-Trichloropropane	96-18-4	19		1.0	5.0	1
11997	Vinyl Chloride	75-01-4	49		0.50	1.0	1

General Sample Comments

State of New York Certification No. 10670

All QC is compliant unless otherwise noted. Please refer to the Quality Control Summary for overall QC performance data and associated samples.

*=This limit was used in the evaluation of the final result

Sample Description: T002 MSD Water
BP Sanborn COC: R219331
2040 Cory Drive - Sanborn, NY

LL Sample # WW 7849430
LL Group # 1553705
Account # 12495

Project Name: BP Sanborn

Collected: 04/15/2015 13:30 by RCB

Submitted: 04/16/2015 09:10
Reported: 04/28/2015 19:18

Atlantic Richfield(Parsons-NY)
BP Corporation
501 WestLake Park Blvd
Houston TX 77079

CDST2

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
11997	VOCs Parsons' Specs 8260C	SW-846 8260C	1	L151101AA	04/20/2015 13:55	Caitlin M Carmody	1
01163	GC/MS VOA Water Prep	SW-846 5030C	1	L151101AA	04/20/2015 13:55	Caitlin M Carmody	1

*=This limit was used in the evaluation of the final result

Quality Control Summary

Client Name: Atlantic Richfield(Parsons-NY) Group Number: 1553705
Reported: 04/28/2015 19:18

Matrix QC may not be reported if insufficient sample or site-specific QC samples were not submitted. In these situations, to demonstrate precision and accuracy at a batch level, a LCS/LCSD was performed, unless otherwise specified in the method.

All Inorganic Initial Calibration and Continuing Calibration Blanks met acceptable method criteria unless otherwise noted on the Analysis Report.

Laboratory Compliance Quality Control

Analysis Name	Blank Result	Blank MDL**	Blank LOQ	Report Units	LCS %REC	LCSD %REC	LCS/LCSD Limits	RPD	RPD Max
Batch number: L151101AA	Sample number(s): 7849420-7849430								
Benzyl Chloride	N.D.	1.0	5.0	ug/l	80		51-120		
Bromobenzene	N.D.	1.0	5.0	ug/l	95		80-120		
Bromodichloromethane	N.D.	0.50	1.0	ug/l	86		73-120		
Bromoform	N.D.	0.50	4.0	ug/l	96		52-123		
Bromomethane	N.D.	0.50	1.0	ug/l	133*		53-130		
Carbon Tetrachloride	N.D.	0.50	1.0	ug/l	90		74-130		
Chlorobenzene	N.D.	0.50	1.0	ug/l	92		80-120		
Chloroethane	N.D.	0.50	1.0	ug/l	116		56-120		
2-Chloroethyl Vinyl Ether	N.D.	2.0	10	ug/l	76		44-143		
Chloroform	N.D.	0.50	1.0	ug/l	89		80-120		
Chloromethane	N.D.	0.50	1.0	ug/l	81		63-120		
Dibromochloromethane	N.D.	0.50	1.0	ug/l	94		72-120		
Dibromomethane	N.D.	0.50	1.0	ug/l	88		80-120		
1,2-Dichlorobenzene	N.D.	1.0	5.0	ug/l	91		80-120		
1,3-Dichlorobenzene	N.D.	1.0	5.0	ug/l	93		80-120		
1,4-Dichlorobenzene	N.D.	1.0	5.0	ug/l	94		80-120		
Dichlorodifluoromethane	N.D.	0.50	1.0	ug/l	85		55-127		
1,1-Dichloroethane	N.D.	0.50	1.0	ug/l	84		80-120		
1,2-Dichloroethane	N.D.	0.50	1.0	ug/l	89		72-127		
1,1-Dichloroethene	N.D.	0.50	1.0	ug/l	91		76-124		
cis-1,2-Dichloroethene	N.D.	0.50	1.0	ug/l	92		80-120		
trans-1,2-Dichloroethene	N.D.	0.50	1.0	ug/l	92		80-120		
1,2-Dichloropropane	N.D.	0.50	1.0	ug/l	83		80-120		
cis-1,3-Dichloropropene	N.D.	0.50	1.0	ug/l	89		80-120		
trans-1,3-Dichloropropene	N.D.	0.50	1.0	ug/l	90		76-120		
Methylene Chloride	N.D.	2.0	4.0	ug/l	84		80-120		
1,1,1,2-Tetrachloroethane	N.D.	0.50	1.0	ug/l	97		80-120		
1,1,2,2-Tetrachloroethane	N.D.	0.50	1.0	ug/l	80		70-120		
Tetrachloroethene	N.D.	0.50	1.0	ug/l	100		80-120		
1,1,1-Trichloroethane	N.D.	0.50	1.0	ug/l	82		66-126		
1,1,2-Trichloroethane	N.D.	0.50	1.0	ug/l	87		80-120		
Trichloroethene	N.D.	0.50	1.0	ug/l	88		80-120		
Trichlorofluoromethane	N.D.	0.50	1.0	ug/l	131		58-135		
1,2,3-Trichloropropane	N.D.	1.0	5.0	ug/l	85		76-120		
Vinyl Chloride	N.D.	0.50	1.0	ug/l	88		69-120		
Batch number: L151121AA	Sample number(s): 7849427								
cis-1,2-Dichloroethene	N.D.	0.50	1.0	ug/l	109	104	80-120	4	30
1,1,1-Trichloroethane	N.D.	0.50	1.0	ug/l	100	96	66-126	3	30
Trichloroethene	N.D.	0.50	1.0	ug/l	107	104	80-120	2	30

*- Outside of specification
**-This limit was used in the evaluation of the final result for the blank
(1) The result for one or both determinations was less than five times the LOQ.
(2) The unspiked result was more than four times the spike added.

Quality Control Summary

Client Name: Atlantic Richfield(Parsons-NY) Group Number: 1553705
Reported: 04/28/2015 19:18

Sample Matrix Quality Control

Unspiked (UNSPK) = the sample used in conjunction with the matrix spike
Background (BKG) = the sample used in conjunction with the duplicate

Analysis Name	MS %REC	MSD %REC	MS/MSD Limits	RPD	RPD MAX	BKG Conc	DUP Conc	DUP RPD	Dup RPD Max
Batch number: L151101AA	Sample number(s): 7849420-7849430 UNSPK: 7849428								
Benzyl Chloride	91	95	53-117	4	30				
Bromobenzene	112	116*	82-115	3	30				
Bromodichloromethane	107	109	73-125	1	30				
Bromoform	111	111	48-118	0	30				
Bromomethane	175*	195*	47-129	11	30				
Carbon Tetrachloride	120	121	75-148	1	30				
Chlorobenzene	111	115	87-124	3	30				
Chloroethane	146*	145*	55-130	0	30				
2-Chloroethyl Vinyl Ether	88	92	10-151	4	30				
Chloroform	112	112	81-134	0	30				
Chloromethane	102	106	61-125	4	30				
Dibromochloromethane	112	115	74-116	2	30				
Dibromomethane	104	106	83-119	1	30				
1,2-Dichlorobenzene	107	110	84-119	3	30				
1,3-Dichlorobenzene	111	114	86-121	2	30				
1,4-Dichlorobenzene	111	114	85-121	2	30				
Dichlorodifluoromethane	115	119	58-156	3	30				
1,1-Dichloroethane	117	118	84-129	1	30				
1,2-Dichloroethane	109	111	63-142	2	30				
1,1-Dichloroethene	120	120	79-137	0	30				
cis-1,2-Dichloroethene	451 (2)	445 (2)	80-141	0	30				
trans-1,2-Dichloroethene	120	123	86-131	2	30				
1,2-Dichloropropane	103	106	83-124	2	30				
cis-1,3-Dichloropropene	108	109	70-116	0	30				
trans-1,3-Dichloropropene	108	111	74-119	3	30				
Methylene Chloride	104	106	78-133	2	30				
1,1,1,2-Tetrachloroethane	117	119	80-123	2	30				
1,1,2,2-Tetrachloroethane	90	92	72-128	2	30				
Tetrachloroethene	141*	144*	80-128	2	30				
1,1,1-Trichloroethane	119	119	69-140	0	30				
1,1,2-Trichloroethane	103	106	71-141	3	30				
Trichloroethene	1060 (2)	1044 (2)	88-133	0	30				
Trichlorofluoromethane	168*	172*	63-163	2	30				
1,2,3-Trichloropropane	95	97	76-118	2	30				
Vinyl Chloride	129	138*	66-133	4	30				
Batch number: L151121AA	Sample number(s): 7849427 UNSPK: P850922								
cis-1,2-Dichloroethene	112	111	80-141	1	30				
1,1,1-Trichloroethane	106	106	69-140	0	30				
Trichloroethene	110	111	88-133	1	30				

Surrogate Quality Control

Surrogate recoveries which are outside of the QC window are confirmed unless attributed to dilution or otherwise noted on the Analysis Report.

*- Outside of specification
**-This limit was used in the evaluation of the final result for the blank
(1) The result for one or both determinations was less than five times the LOQ.
(2) The unspiked result was more than four times the spike added.

Quality Control Summary

Client Name: Atlantic Richfield(Parsons-NY) Group Number: 1553705
Reported: 04/28/2015 19:18

Surrogate Quality Control

Analysis Name: VOCs Parsons' Specs 8260C
Batch number: L151101AA

	Dibromofluoromethane	1,2-Dichloroethane-d4	Toluene-d8	4-Bromofluorobenzene
7849420	100	91	97	89
7849421	102	79	97	90
7849422	102	86	96	89
7849423	102	105	96	89
7849424	102	79	97	89
7849425	101	103	96	88
7849426	102	82	98	90
7849427	106	84	98	89
7849428	102	102	98	89
7849429	102	103	99	91
7849430	102	104	98	91
Blank	101	103	97	90
LCS	100	102	99	90
MS	102	103	99	91
MSD	102	104	98	91
Limits:	80-116	77-113	80-113	78-113

*- Outside of specification
**-This limit was used in the evaluation of the final result for the blank
(1) The result for one or both determinations was less than five times the LOQ.
(2) The unspiked result was more than four times the spike added.

12495 | 1553705 | 7849420 - 31

bp rm

Laboratory Management Program LaMP Chain of Custody Record R219332

Page 1 of 2

BP Site Node Path: BP, Sanborn

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

BP Facility No: _____

Lab Work Order Number: _____

Lab Name: Eurofins Lancaster Labs	Facility Address: 2540 Cory Dr.	Consultant/Contractor: Parsons
Lab Address: 2425 New Holland Pike Lancaster, PA 17601	City, State, ZIP Code: Sanborn, NY 14132	Consultant/Contractor Project No:
Lab PM: Kaitlin Plasterer	Lead Regulatory Agency: NYSDEC	Address: 40 Lafayette Dr. Suite 350 Buffalo, NY 14202
Lab Phone: (717) 656-2300	California Global ID No.:	Consultant/Contractor PM: George Hermance
Lab Shipping Accnt:	Enfos Proposal No: D00B4-0006	Phone: (716) 407-4990 Email:
Lab Bottle Order No:	Accounting Mode: Provision 10 OOC-BU ___ OOC-RM ___	Email EDD To: Lorraine Weber and to lab.enfosdoc@bp.com
Other Info:	Stage: 60 Activity: 81	Invoice To: BP ✓ Contractor ___

BP Project Manager (PM): Mike Teeling

BP PM Phone: (585) 732-2343

BP PM Email:

Lab No.	Sample Description	Date	Time	Matrix: Soil / Solid	Matrix: Water / Liquid	Matrix: Air / Vapor	Matrix: Is this location a well?	No. Containers / Preservative: Total Number of Containers	Unpreserved	H2SO4	HNO3	HCl	Methanol	Requested Analyses: 8260	Report Type & QC Level / Comments
	Field Dup 2	4/15/15			X		Y	3	X					X	
	Quarry Pond		0810		X		N	3	X					X	
	B-38M		0910		X		Y	3	X					X	
	B-21M		1005		X		Y	3	X					X	
	B-28M		1100		X		Y	3	X					X	
	PW-3		1115		X		Y	3	X					X	
	PW-1		1300		X		Y	3	X					X	
	P-2		1320		X		Y	3	X					X	

Report Type & QC Level: Standard ___ Full Data Package ___

Comments

Note: If sample not collected, indicate "No Sample" in comments and single-strike out and initial any preprinted sample description.

Sampler's Name: Richard C Becken	Relinquished By / Affiliation	Date	Time
Sampler's Company: O+M Enterprises Inc.	Richard C Becken O+M Ent	4/15/15	1500
Shipment Method: Fed Ex Ship Date: 4/15/15			
Shipment Tracking No: 804713 260 7024			

Accepted By / Affiliation	Date	Time
ELLE	4-16-15	910

Special Instructions:

THIS LINE - LAB USE ONLY: Custody Seals In Place: Yes / No | Temp Blank: Yes / No | Cooler Temp on Receipt: 1.9 °F/C | Trip Blank: Yes / No | MS/MSD Sample Submitted: Yes / No

12495 | 1553705 | 7849420-31

bp rm

Laboratory Management Program LaMP Chain of Custody Record R219331

BP Site Node Path: BP, Sanborn

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

BP Facility No: _____

Lab Work Order Number: _____

Lab Name: Eurofins Lancaster Labs	Facility Address: 2040 Cory Dr.	Consultant/Contractor: Parsons
Lab Address: 2425 New Holland Pike Lancaster, PA 17601	City, State, ZIP Code: Sanborn, NY 14132	Consultant/Contractor Project No:
Lab PM: Kaitlin Plasterer	Lead Regulatory Agency: NYSDEC	Address: 40 LaRiviere Dr. Suite 350 Buffalo, NY 14202
Lab Phone: (717) 656-2300	California Global ID No.:	Consultant/Contractor PM: George Hermanos
Lab Shipping Accnt:	Enfos Proposal No: D008Y-0006	Phone: (716) 407-4990 Email:
Lab Bottle Order No:	Accounting Mode: Provision 10 OOC-BU ___ OOC-RM ___	Email EDD To: Lorraine Welch and to lab.enfosdoc@bp.com
Other Info:	Stage: 60 Activity: 81	Invoice To: BP X Contractor ___

BP Project Manager (PM): Mike Teeling

BP PM Phone: (585) 732-2343

BP PM Email:

Lab No.	Sample Description	Date	Time	Matrix: Soil / Solid	Matrix: Water / Liquid	Matrix: Air / Vapor	Matrix: Is this location a well?	No. Containers / Preservative: Total Number of Container:	Unpreserved	H2SO4	HNO3	HCl	Methanol	Requested Analyses: 8260	Requested Analyses	Requested Analyses	Requested Analyses	Requested Analyses	Requested Analyses	Requested Analyses	Requested Analyses	Requested Analyses	Requested Analyses	Requested Analyses
	T002	4/15/15	1330		X		N	3	X					X										
	T002 MS	"	"		X		N	3	X					X										
	T002 MSD	"	"		X		N	3	X					X										

Comments

Note: If sample not collected, indicate "No Sample" in comments and single-strike out and initial any preprinted sample description.

Report Type & QC Level

Standard ___

Full Data Package ___

Sampler's Name: Richard C Becker	**Relinquished By / Affiliation**	**Date**	**Time**	**Accepted By / Affiliation**	**Date**	**Time**
Sampler's Company: D+M Enterprises Inc.	Richard C Becker D+M Ent.	4/15/15	1500			
Shipment Method: Fed Ex Ship Date: 4/15/15						
Shipment Tracking No: 804713267024				EZLE	4/16/15	910

Special Instructions:

THIS LINE - LAB USE ONLY: Custody Seals In Place (Yes / No) | Temp Blank: (Yes / No) | Cooler Temp on Receipt: 4 °F/C | Trip Blank (Yes / No) | MS/MSD Sample Submitted: (Yes / No)

eurofins | Lancaster Laboratories Environmental

Sample Administration Receipt Documentation Log

Doc Log ID: 65881

Group Number(s): 1553705

Client: Parsons

Delivery and Receipt Information

Delivery Method:	Fed Ex	Arrival Timestamp:	04/16/2015 9:10
Number of Packages:	1	Number of Projects:	1
State/Province of Origin:	NY		

Arrival Condition Summary

Shipping Container Sealed:	Yes	Sample IDs on COC match Containers:	No
Custody Seal Present:	Yes	Sample Date/Times match COC:	No
Custody Seal Intact:	Yes	VOA Vial Headspace ≥ 6mm:	No
Samples Chilled:	Yes	Total Trip Blank Qty:	2
Paperwork Enclosed:	Yes	Trip Blank Type:	unpres
Samples Intact:	Yes	Air Quality Samples Present:	No
Missing Samples:	No		
Extra Samples:	No		
Discrepancy in Container Qty on COC:	No		

Unpacked by Brandy Barclay (2299) at 12:31 on 04/16/2015

Samples Chilled Details

Thermometer Types: DT = Digital (Temp. Bottle) IR = Infrared (Surface Temp) All Temperatures in °C.

Cooler #	Thermometer ID	Corrected Temp	Therm. Type	Ice Type	Ice Present?	Ice Container	Elevated Temp?
1	DT146	1.9	DT	Wet	Y	Bagged	N

Sample ID Discrepancy Details

Sample ID on COC	Sample ID on Label	Comments
B-28M	B25M	1 vial only

Sample Date/Time Discrepancy Details

Sample ID on COC	Date/Time on Label	Comments
PW-3	4/15/2015 11:20	

2425 New Holland Pike
Lancaster, PA 17605-2425

T | 717-656-2300
F | 717-656-2681
www.LancasterLabs.com

Explanation of Symbols and Abbreviations

The following defines common symbols and abbreviations used in reporting technical data:

RL	Reporting Limit	**BMQL**	Below Minimum Quantitation Level
N.D.	none detected	**MPN**	Most Probable Number
TNTC	Too Numerous To Count	**CP Units**	cobalt-chloroplatinate units
IU	International Units	**NTU**	nephelometric turbidity units
umhos/cm	micromhos/cm	**ng**	nanogram(s)
C	degrees Celsius	**F**	degrees Fahrenheit
meq	milliequivalents	**lb.**	pound(s)
g	gram(s)	**kg**	kilogram(s)
µg	microgram(s)	**mg**	milligram(s)
mL	milliliter(s)	**L**	liter(s)
m3	cubic meter(s)	**µL**	microliter(s)
		pg/L	picogram/liter

<	less than
>	greater than
ppm	parts per million - One ppm is equivalent to one milligram per kilogram (mg/kg) or one gram per million grams. For aqueous liquids, ppm is usually taken to be equivalent to milligrams per liter (mg/l), because one liter of water has a weight very close to a kilogram. For gases or vapors, one ppm is equivalent to one microliter per liter of gas.
ppb	parts per billion
Dry weight basis	Results printed under this heading have been adjusted for moisture content. This increases the analyte weight concentration to approximate the value present in a similar sample without moisture. All other results are reported on an as-received basis.

Laboratory Data Qualifiers:

B - Analyte detected in the blank
C - Result confirmed by reanalysis
E - Concentration exceeds the calibration range
J (or G, I, X) - estimated value ≥ the Method Detection Limit (MDL or DL) and the < Limit of Quantitation (LOQ or RL)
P - Concentration difference between the primary and confirmation column >40%. The lower result is reported.
U - Analyte was not detected at the value indicated
V - Concentration difference between the primary and confirmation column >100%. The reporting limit is raised due to this disparity and evident interference…

Additional Organic and Inorganic CLP qualifiers may be used with Form 1 reports as defined by the CLP methods.
Qualifiers specific to Dioxin/Furans and PCB Congeners are detailed on the individual Analysis Report.

Analytical test results meet all requirements of the associated regulatory program (i.e., NELAC (TNI), DoD, ISO17025) unless otherwise noted under the individual analysis.

Measurement uncertainty values, as applicable, are available upon request.

Tests results relate only to the sample tested. Clients should be aware that a critical step in a chemical or microbiological analysis is the collection of the sample. Unless the sample analyzed is truly representative of the bulk of material involved, the test results will be meaningless. If you have questions regarding the proper techniques of collecting samples, please contact us. We cannot be held responsible for sample integrity, however, unless sampling has been performed by a member of our staff.

Times are local to the area of activity. Parameters listed in the 40 CFR Part 136 Table II as “analyze immediately” are not performed within 15 minutes.

WARRANTY AND LIMITS OF LIABILITY - In accepting analytical work, we warrant the accuracy of test results for the sample as submitted. THE FOREGOING EXPRESS WARRANTY IS EXCLUSIVE AND IS GIVEN IN LIEU OF ALL OTHER WARRANTIES, EXPRESSED OR IMPLIED. WE DISCLAIM ANY OTHER WARRANTIES, EXPRESSED OR IMPLIED, INCLUDING A WARRANTY OF FITNESS FOR PARTICULAR PURPOSE AND WARRANTY OF MERCHANTABILITY. IN NO EVENT SHALL EUROFINS LANCASTER LABORATORIES ENVIRONMENTAL, LLC BE LIABLE FOR INDIRECT, SPECIAL, CONSEQUENTIAL, OR INCIDENTAL DAMAGES INCLUDING, BUT NOT LIMITED TO, DAMAGES FOR LOSS OF PROFIT OR GOODWILL REGARDLESS OF (A) THE NEGLIGENCE (EITHER SOLE OR CONCURRENT) OF EUROFINS LANCASTER LABORATORIES ENVIRONMENTAL AND (B) WHETHER EUROFINS LANCASTER LABORATORIES ENVIRONMENTAL HAS BEEN INFORMED OF THE POSSIBILITY OF SUCH DAMAGES. We accept no legal responsibility for the purposes for which the client uses the test results. No purchase order or other order for work shall be accepted by Eurofins Lancaster Laboratories Environmental which includes any conditions that vary from the Standard Terms and Conditions, and Eurofins Lancaster Laboratories Environmental hereby objects to any conflicting terms contained in any acceptance or order submitted by client.

ANALYTICAL RESULTS

Prepared by:

Eurofins Lancaster Laboratories Environmental
2425 New Holland Pike
Lancaster, PA 17601

Prepared for:

Atlantic Richfield(Parsons-NY)
BP Corporation
501 WestLake Park Blvd
Houston TX 77079

April 28, 2015

Project: BP Sanborn

Submittal Date: 04/17/2015
Group Number: 1554040
PO Number: D00B4-0006
Release Number: TEELING
State of Sample Origin: NY

Client Sample Description	Lancaster Labs (LL) #
B-48M Water	7850968
B-49M Water	7850969
B-13M Water	7850970
B-19M Water	7850971

The specific methodologies used in obtaining the enclosed analytical results are indicated on the Laboratory Sample Analysis Record.

Regulatory agencies do not accredit laboratories for all methods, analytes, and matrices. Our scopes of accreditation can be viewed at http://www.eurofinsus.com/environment-testing/laboratories/eurofins-lancaster-laboratories-environmental/resources/certifications/ .

ELECTRONIC COPY TO	Parsons	Attn: George Hermance
ELECTRONIC COPY TO	Parsons	Attn: Lorraine Weber
ELECTRONIC COPY TO	Parsons	Attn: Eric Felter
ELECTRONIC COPY TO	Parsons	Attn: Doug Taylor

Respectfully Submitted,

Kaitlin N. Plasterer
Specialist

(717) 556-7323

Project Name: BP Sanborn
LL Group #: 1554040

General Comments:

Through our technical processes and second person review of data, we have established that our data/deliverables are in compliance with the methods and project requirements unless otherwise noted or previously resolved with the client. The compliance signature is located on the cover page of the Analysis Reports.

See the Laboratory Sample Analysis Record section of the Analysis Report for the method references.

All QC met criteria unless otherwise noted in an Analysis Specific Comment below. Refer to the QC Summary for specific values and acceptance criteria.

Project specific QC samples are not included in this data set

Matrix QC may not be reported if site-specific QC samples were not submitted. In these situations, to demonstrate precision and accuracy at a batch level, a LCS/LCSD was performed, unless otherwise specified in the method.

Surrogate recoveries (if applicable) which are outside of the QC window are confirmed unless attributed to a dilution or otherwise noted in an Analysis Specific Comment below.

The samples were received at the appropriate temperature and in accordance with the chain of custody unless otherwise noted.

Analysis Specific Comments:

SW-846 8260C, GC/MS Volatiles

Sample #s: 7850971

The referenced method allows a maximum of 20% of the analytes in the calibration to exceed the 20% Drift continuing calibration verification criteria. The reported concentration in the associated sample(s) is considered to be estimated. Therefore the result for the following analyte(s) is estimated:
vinyl chloride.

Sample #s: 7850970

The referenced method allows a maximum of 20% of the analytes in the calibration to exceed the 20% Drift continuing calibration verification criteria. The reported concentration in the associated sample(s) is considered to be estimated. Therefore the result for the following analyte(s) is estimated:
Vinyl Chloride.
This diluted analysis (DF10) was performed from a previously opened container with headspace.
The concentration reported for cis-1,2-Dichloroethene exceeded the calibration range of the instrument in the initial determination at a concentration of 550 ug/L.
The concentration reported for Trichloroethene exceeded the calibration range of the instrument in the initial determination at a concentration of 1100 ug/L.

Batch #: L151101AA (Sample number(s): 7850968 UNSPK: P849428)

The recovery(ies) for the following analyte(s) in the LCS exceeded the acceptance window indicating a positive bias: Bromomethane

The recovery(ies) for the following analyte(s) in the MS and/or MSD was outside the acceptance window: Vinyl Chloride, Bromomethane, Chloroethane, Trichlorofluoromethane, cis-1,2-Dichloroethene, Trichloroethene, Tetrachloroethene, Bromobenzene

Batch #: L151121AA (Sample number(s): 7850969-7850971 UNSPK: P850922)

The recovery(ies) for the following analyte(s) in the LCS and/or LCSD exceeded the acceptance window indicating a positive bias: Bromomethane, Chloroethane, Trichlorofluoromethane

The recovery(ies) for the following analyte(s) in the MS and/or MSD was outside the acceptance window: Bromomethane, Chloroethane, Trichlorofluoromethane

EPA 415.1 modified, Wet Chemistry

Batch #: 15112049501A (Sample number(s): 7850968-7850971 UNSPK: 7850968 BKG: 7850968)

The duplicate RPD for the following analyte(s) exceeded the acceptance window: Dissolved Organic Carbon

SM 5210 B-2001, Wet Chemistry

Batch #: 15108023501A (Sample number(s): 7850969-7850971 UNSPK: 7850971 BKG: P852076)

The recovery(ies) for the following analyte(s) in the MS and/or MSD was outside the acceptance window: Biochemical Oxygen Demand

The relative percent difference(s) for the following analyte(s) in the MS/MSD were outside outside acceptance windows: Biochemical Oxygen Demand

The duplicate RPD for the following analyte(s) exceeded the acceptance window: Biochemical Oxygen Demand

Sample Description: B-48M Water
BP Sanborn COC: R219333
2040 Cory Dr - Sanborn, NY

LL Sample # WW 7850968
LL Group # 1554040
Account # 12495

Project Name: BP Sanborn

Collected: 04/16/2015 11:50 by RCB

Submitted: 04/17/2015 09:20
Reported: 04/28/2015 19:19

Atlantic Richfield(Parsons-NY)
BP Corporation
501 WestLake Park Blvd
Houston TX 77079

B-48M

CAT No.	Analysis Name	CAS Number	Result	Method Detection Limit*	Limit of Quantitation	Dilution Factor
GC/MS Volatiles	**SW-846 8260C**		**ug/l**	**ug/l**	**ug/l**	
11997	Benzyl Chloride	100-44-7	N.D.	1.0	5.0	1
11997	Bromobenzene	108-86-1	N.D.	1.0	5.0	1
11997	Bromodichloromethane	75-27-4	N.D.	0.50	1.0	1
11997	Bromoform	75-25-2	N.D.	0.50	4.0	1
11997	Bromomethane	74-83-9	N.D.	0.50	1.0	1
11997	Carbon Tetrachloride	56-23-5	N.D.	0.50	1.0	1
11997	Chlorobenzene	108-90-7	N.D.	0.50	1.0	1
11997	Chloroethane	75-00-3	N.D.	0.50	1.0	1
11997	2-Chloroethyl Vinyl Ether	110-75-8	N.D.	2.0	10	1
	2-Chloroethyl vinyl ether may not be recovered if acid was used to preserve this sample.					
11997	Chloroform	67-66-3	N.D.	0.50	1.0	1
11997	Chloromethane	74-87-3	N.D.	0.50	1.0	1
11997	Dibromochloromethane	124-48-1	N.D.	0.50	1.0	1
11997	Dibromomethane	74-95-3	N.D.	0.50	1.0	1
11997	1,2-Dichlorobenzene	95-50-1	N.D.	1.0	5.0	1
11997	1,3-Dichlorobenzene	541-73-1	N.D.	1.0	5.0	1
11997	1,4-Dichlorobenzene	106-46-7	N.D.	1.0	5.0	1
11997	Dichlorodifluoromethane	75-71-8	N.D.	0.50	1.0	1
11997	1,1-Dichloroethane	75-34-3	N.D.	0.50	1.0	1
11997	1,2-Dichloroethane	107-06-2	N.D.	0.50	1.0	1
11997	1,1-Dichloroethene	75-35-4	N.D.	0.50	1.0	1
11997	cis-1,2-Dichloroethene	156-59-2	N.D.	0.50	1.0	1
11997	trans-1,2-Dichloroethene	156-60-5	N.D.	0.50	1.0	1
11997	1,2-Dichloropropane	78-87-5	N.D.	0.50	1.0	1
11997	cis-1,3-Dichloropropene	10061-01-5	N.D.	0.50	1.0	1
11997	trans-1,3-Dichloropropene	10061-02-6	N.D.	0.50	1.0	1
11997	Methylene Chloride	75-09-2	N.D.	2.0	4.0	1
11997	1,1,1,2-Tetrachloroethane	630-20-6	N.D.	0.50	1.0	1
11997	1,1,2,2-Tetrachloroethane	79-34-5	N.D.	0.50	1.0	1
11997	Tetrachloroethene	127-18-4	N.D.	0.50	1.0	1
11997	1,1,1-Trichloroethane	71-55-6	N.D.	0.50	1.0	1
11997	1,1,2-Trichloroethane	79-00-5	N.D.	0.50	1.0	1
11997	Trichloroethene	79-01-6	1.2	0.50	1.0	1
11997	Trichlorofluoromethane	75-69-4	N.D.	0.50	1.0	1
11997	1,2,3-Trichloropropane	96-18-4	N.D.	1.0	5.0	1
11997	Vinyl Chloride	75-01-4	N.D.	0.50	1.0	1
GC Miscellaneous	**RSKSOP-175 modified**		**ug/l**	**ug/l**	**ug/l**	
07105	Ethane	74-84-0	N.D.	1.0	5.0	1
07105	Ethene	74-85-1	N.D.	1.0	5.0	1
07105	Methane	74-82-8	N.D.	3.0	5.0	1
Metals	**SW-846 6010C**		**mg/l**	**mg/l**	**mg/l**	
01754	Iron	7439-89-6	0.0457 J	0.0334	0.400	1
07058	Manganese	7439-96-5	0.0188	0.00083	0.0100	1
Wet Chemistry	**EPA 300.0**		**mg/l**	**mg/l**	**mg/l**	
00224	Chloride	16887-00-6	48.0	2.0	4.0	10

*=This limit was used in the evaluation of the final result

Sample Description: B-48M Water
BP Sanborn COC: R219333
2040 Cory Dr - Sanborn, NY

LL Sample # WW 7850968
LL Group # 1554040
Account # 12495

Project Name: BP Sanborn

Collected: 04/16/2015 11:50 by RCB

Submitted: 04/17/2015 09:20
Reported: 04/28/2015 19:19

Atlantic Richfield(Parsons-NY)
BP Corporation
501 WestLake Park Blvd
Houston TX 77079

B-48M

CAT No.	Analysis Name	CAS Number	Result	Method Detection Limit*	Limit of Quantitation	Dilution Factor
Wet Chemistry	**EPA 300.0**		**mg/l**	**mg/l**	**mg/l**	
00368	Nitrate Nitrogen	14797-55-8	1.7	0.25	0.50	5
01506	Nitrite Nitrogen	14797-65-0	N.D.	0.25	0.50	5
00228	Sulfate	14808-79-8	73.1	3.0	10.0	10
	EPA 415.1 modified		**mg/l**	**mg/l**	**mg/l**	
07547	Dissolved Organic Carbon	n.a.	1.2	0.50	1.0	1
	EPA 410.4		**mg/l**	**mg/l**	**mg/l**	
04001	Chemical Oxygen Demand	n.a.	N.D.	12.8	50.0	1
	SM 5210 B-2001		**mg/l**	**mg/l**	**mg/l**	
00235	Biochemical Oxygen Demand	n.a.	N.D.	2.5	2.5	1

General Sample Comments

State of New York Certification No. 10670

All QC is compliant unless otherwise noted. Please refer to the Quality Control Summary for overall QC performance data and associated samples.

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
11997	VOCs Parsons' Specs 8260C	SW-846 8260C	1	L151101AA	04/20/2015 21:03	Caitlin M Carmody	1
01163	GC/MS VOA Water Prep	SW-846 5030C	1	L151101AA	04/20/2015 21:03	Caitlin M Carmody	1
07105	Volatile Headspace Hydrocarbon	RSKSOP-175 modified	1	151120011A	04/22/2015 16:20	Tracy A Cole	1
01754	Iron	SW-846 6010C	1	151110635001	04/23/2015 03:09	Tara L Snyder	1
07058	Manganese	SW-846 6010C	1	151110635001	04/23/2015 03:09	Tara L Snyder	1
10635	ICP-WW, 3005A (tot rec) - U4	SW-846 3005A	1	151110635001	04/22/2015 08:23	James L Mertz	1
00224	Chloride	EPA 300.0	1	15107667901A	04/17/2015 13:57	Drew M Gerhart	10
00368	Nitrate Nitrogen	EPA 300.0	1	15107667901A	04/17/2015 12:34	Drew M Gerhart	5
01506	Nitrite Nitrogen	EPA 300.0	1	15107667901A	04/17/2015 12:34	Drew M Gerhart	5
00228	Sulfate	EPA 300.0	1	15107667901A	04/17/2015 13:57	Drew M Gerhart	10
07547	Dissolved Organic Carbon	EPA 415.1 modified	2	15112049501A	04/22/2015 22:25	James S Mathiot	1
04001	Chemical Oxygen Demand	EPA 410.4	1	15111400101B	04/21/2015 07:15	Susan A Engle	1
00235	Biochemical Oxygen Demand	SM 5210 B-2001	1	15107023501A	04/17/2015 14:08	Susan E Hibner	1

*=This limit was used in the evaluation of the final result

Sample Description: B-49M Water
BP Sanborn COC: R219333
2040 Cory Dr - Sanborn, NY

LL Sample # WW 7850969
LL Group # 1554040
Account # 12495

Project Name: BP Sanborn

Collected: 04/16/2015 10:15 by RCB

Submitted: 04/17/2015 09:20
Reported: 04/28/2015 19:19

Atlantic Richfield(Parsons-NY)
BP Corporation
501 WestLake Park Blvd
Houston TX 77079

B-49M

CAT No.	Analysis Name	CAS Number	Result	Method Detection Limit*	Limit of Quantitation	Dilution Factor
GC/MS Volatiles	**SW-846 8260C**		**ug/l**	**ug/l**	**ug/l**	
11997	Benzyl Chloride	100-44-7	N.D.	1.0	5.0	1
11997	Bromobenzene	108-86-1	N.D.	1.0	5.0	1
11997	Bromodichloromethane	75-27-4	N.D.	0.50	1.0	1
11997	Bromoform	75-25-2	N.D.	0.50	4.0	1
11997	Bromomethane	74-83-9	N.D.	0.50	1.0	1
11997	Carbon Tetrachloride	56-23-5	N.D.	0.50	1.0	1
11997	Chlorobenzene	108-90-7	N.D.	0.50	1.0	1
11997	Chloroethane	75-00-3	N.D.	0.50	1.0	1
11997	2-Chloroethyl Vinyl Ether	110-75-8	N.D.	2.0	10	1
	2-Chloroethyl vinyl ether may not be recovered if acid was used to preserve this sample.					
11997	Chloroform	67-66-3	N.D.	0.50	1.0	1
11997	Chloromethane	74-87-3	N.D.	0.50	1.0	1
11997	Dibromochloromethane	124-48-1	N.D.	0.50	1.0	1
11997	Dibromomethane	74-95-3	N.D.	0.50	1.0	1
11997	1,2-Dichlorobenzene	95-50-1	N.D.	1.0	5.0	1
11997	1,3-Dichlorobenzene	541-73-1	N.D.	1.0	5.0	1
11997	1,4-Dichlorobenzene	106-46-7	N.D.	1.0	5.0	1
11997	Dichlorodifluoromethane	75-71-8	N.D.	0.50	1.0	1
11997	1,1-Dichloroethane	75-34-3	N.D.	0.50	1.0	1
11997	1,2-Dichloroethane	107-06-2	N.D.	0.50	1.0	1
11997	1,1-Dichloroethene	75-35-4	N.D.	0.50	1.0	1
11997	cis-1,2-Dichloroethene	156-59-2	N.D.	0.50	1.0	1
11997	trans-1,2-Dichloroethene	156-60-5	N.D.	0.50	1.0	1
11997	1,2-Dichloropropane	78-87-5	N.D.	0.50	1.0	1
11997	cis-1,3-Dichloropropene	10061-01-5	N.D.	0.50	1.0	1
11997	trans-1,3-Dichloropropene	10061-02-6	N.D.	0.50	1.0	1
11997	Methylene Chloride	75-09-2	N.D.	2.0	4.0	1
11997	1,1,1,2-Tetrachloroethane	630-20-6	N.D.	0.50	1.0	1
11997	1,1,2,2-Tetrachloroethane	79-34-5	N.D.	0.50	1.0	1
11997	Tetrachloroethene	127-18-4	N.D.	0.50	1.0	1
11997	1,1,1-Trichloroethane	71-55-6	N.D.	0.50	1.0	1
11997	1,1,2-Trichloroethane	79-00-5	N.D.	0.50	1.0	1
11997	Trichloroethene	79-01-6	N.D.	0.50	1.0	1
11997	Trichlorofluoromethane	75-69-4	N.D.	0.50	1.0	1
11997	1,2,3-Trichloropropane	96-18-4	N.D.	1.0	5.0	1
11997	Vinyl Chloride	75-01-4	N.D.	0.50	1.0	1
GC Miscellaneous	**RSKSOP-175 modified**		**ug/l**	**ug/l**	**ug/l**	
07105	Ethane	74-84-0	5.0	1.0	5.0	1
07105	Ethene	74-85-1	N.D.	1.0	5.0	1
07105	Methane	74-82-8	16	3.0	5.0	1
Metals	**SW-846 6010C**		**mg/l**	**mg/l**	**mg/l**	
01754	Iron	7439-89-6	0.106 J	0.0334	0.400	1
07058	Manganese	7439-96-5	0.0205	0.00083	0.0100	1
Wet Chemistry	**EPA 300.0**		**mg/l**	**mg/l**	**mg/l**	
00224	Chloride	16887-00-6	23.7	1.0	2.0	5

*=This limit was used in the evaluation of the final result

Sample Description: B-49M Water
BP Sanborn COC: R219333
2040 Cory Dr - Sanborn, NY

LL Sample # WW 7850969
LL Group # 1554040
Account # 12495

Project Name: BP Sanborn

Collected: 04/16/2015 10:15 by RCB

Submitted: 04/17/2015 09:20
Reported: 04/28/2015 19:19

Atlantic Richfield(Parsons-NY)
BP Corporation
501 WestLake Park Blvd
Houston TX 77079

B-49M

CAT No.	Analysis Name	CAS Number	Result		Method Detection Limit*	Limit of Quantitation	Dilution Factor
Wet Chemistry	**EPA 300.0**		**mg/l**		**mg/l**	**mg/l**	
00368	Nitrate Nitrogen	14797-55-8	N.D.		0.25	0.50	5
01506	Nitrite Nitrogen	14797-65-0	N.D.		0.25	0.50	5
00228	Sulfate	14808-79-8	1,450		150	500	500
	EPA 415.1 modified		**mg/l**		**mg/l**	**mg/l**	
07547	Dissolved Organic Carbon	n.a.	0.81	J	0.50	1.0	1
	EPA 410.4		**mg/l**		**mg/l**	**mg/l**	
04001	Chemical Oxygen Demand	n.a.	62.6		12.8	50.0	1
	SM 5210 B-2001		**mg/l**		**mg/l**	**mg/l**	
00235	Biochemical Oxygen Demand	n.a.	19.7		6.0	6.0	1

General Sample Comments

State of New York Certification No. 10670

All QC is compliant unless otherwise noted. Please refer to the Quality Control Summary for overall QC performance data and associated samples.

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
11997	VOCs Parsons' Specs 8260C	SW-846 8260C	1	L151121AA	04/22/2015 06:03	Stephanie A Selis	1
01163	GC/MS VOA Water Prep	SW-846 5030C	1	L151121AA	04/22/2015 06:03	Stephanie A Selis	1
07105	Volatile Headspace Hydrocarbon	RSKSOP-175 modified	1	151120011A	04/22/2015 17:14	Tracy A Cole	1
01754	Iron	SW-846 6010C	1	151110635001	04/23/2015 03:11	Tara L Snyder	1
07058	Manganese	SW-846 6010C	1	151110635001	04/23/2015 03:11	Tara L Snyder	1
10635	ICP-WW, 3005A (tot rec) - U4	SW-846 3005A	1	151110635001	04/22/2015 08:23	James L Mertz	1
00224	Chloride	EPA 300.0	1	15107667901A	04/17/2015 15:04	Drew M Gerhart	5
00368	Nitrate Nitrogen	EPA 300.0	1	15107667901A	04/17/2015 15:04	Drew M Gerhart	5
01506	Nitrite Nitrogen	EPA 300.0	1	15107667901A	04/17/2015 15:04	Drew M Gerhart	5
00228	Sulfate	EPA 300.0	1	15107667901A	04/17/2015 15:25	Drew M Gerhart	500
07547	Dissolved Organic Carbon	EPA 415.1 modified	2	15112049501A	04/22/2015 23:10	James S Mathiot	1
04001	Chemical Oxygen Demand	EPA 410.4	1	15111400101B	04/21/2015 07:15	Susan A Engle	1
00235	Biochemical Oxygen Demand	SM 5210 B-2001	1	15108023501A	04/18/2015 09:58	Hannah M Royer	1

*=This limit was used in the evaluation of the final result

Sample Description: B-13M Water
BP Sanborn COC: R219334
2040 Cory Dr - Sanborn, NY

LL Sample # WW 7850970
LL Group # 1554040
Account # 12495

Project Name: BP Sanborn

Collected: 04/16/2015 13:15 by RCB

Submitted: 04/17/2015 09:20
Reported: 04/28/2015 19:19

Atlantic Richfield(Parsons-NY)
BP Corporation
501 WestLake Park Blvd
Houston TX 77079

B-13M

CAT No.	Analysis Name	CAS Number	Result	Method Detection Limit*	Limit of Quantitation	Dilution Factor
GC/MS Volatiles	**SW-846 8260C**		**ug/l**	**ug/l**	**ug/l**	
11997	Benzyl Chloride	100-44-7	N.D.	1.0	5.0	1
11997	Bromobenzene	108-86-1	N.D.	1.0	5.0	1
11997	Bromodichloromethane	75-27-4	N.D.	0.50	1.0	1
11997	Bromoform	75-25-2	N.D.	0.50	4.0	1
11997	Bromomethane	74-83-9	N.D.	0.50	1.0	1
11997	Carbon Tetrachloride	56-23-5	1.4	0.50	1.0	1
11997	Chlorobenzene	108-90-7	N.D.	0.50	1.0	1
11997	Chloroethane	75-00-3	N.D.	0.50	1.0	1
11997	2-Chloroethyl Vinyl Ether	110-75-8	N.D.	2.0	10	1
	2-Chloroethyl vinyl ether may not be recovered if acid was used to preserve this sample.					
11997	Chloroform	67-66-3	N.D.	0.50	1.0	1
11997	Chloromethane	74-87-3	N.D.	0.50	1.0	1
11997	Dibromochloromethane	124-48-1	N.D.	0.50	1.0	1
11997	Dibromomethane	74-95-3	N.D.	0.50	1.0	1
11997	1,2-Dichlorobenzene	95-50-1	N.D.	1.0	5.0	1
11997	1,3-Dichlorobenzene	541-73-1	N.D.	1.0	5.0	1
11997	1,4-Dichlorobenzene	106-46-7	N.D.	1.0	5.0	1
11997	Dichlorodifluoromethane	75-71-8	N.D.	0.50	1.0	1
11997	1,1-Dichloroethane	75-34-3	18	0.50	1.0	1
11997	1,2-Dichloroethane	107-06-2	N.D.	0.50	1.0	1
11997	1,1-Dichloroethene	75-35-4	5.8	0.50	1.0	1
11997	cis-1,2-Dichloroethene	156-59-2	530	5.0	10	10
11997	trans-1,2-Dichloroethene	156-60-5	5.9	0.50	1.0	1
11997	1,2-Dichloropropane	78-87-5	N.D.	0.50	1.0	1
11997	cis-1,3-Dichloropropene	10061-01-5	N.D.	0.50	1.0	1
11997	trans-1,3-Dichloropropene	10061-02-6	N.D.	0.50	1.0	1
11997	Methylene Chloride	75-09-2	N.D.	2.0	4.0	1
11997	1,1,1,2-Tetrachloroethane	630-20-6	N.D.	0.50	1.0	1
11997	1,1,2,2-Tetrachloroethane	79-34-5	N.D.	0.50	1.0	1
11997	Tetrachloroethene	127-18-4	2.0	0.50	1.0	1
11997	1,1,1-Trichloroethane	71-55-6	7.9	0.50	1.0	1
11997	1,1,2-Trichloroethane	79-00-5	N.D.	0.50	1.0	1
11997	Trichloroethene	79-01-6	1,000	5.0	10	10
11997	Trichlorofluoromethane	75-69-4	N.D.	0.50	1.0	1
11997	1,2,3-Trichloropropane	96-18-4	N.D.	1.0	5.0	1
11997	Vinyl Chloride	75-01-4	14	0.50	1.0	1

The referenced method allows a maximum of 20% of the analytes in the calibration to exceed the 20% Drift continuing calibration verification criteria. The reported concentration in the associated sample(s) is considered to be estimated. Therefore the result for the following analyte(s) is estimated:
Vinyl Chloride.

This diluted analysis (DF10) was performed from a previously opened container with headspace.

The concentration reported for cis-1,2-Dichloroethene exceeded the calibration range of the instrument in the initial determination at a concentration of 550 ug/L.

*=This limit was used in the evaluation of the final result

Sample Description: B-13M Water
BP Sanborn COC: R219334
2040 Cory Dr - Sanborn, NY

LL Sample # WW 7850970
LL Group # 1554040
Account # 12495

Project Name: BP Sanborn

Collected: 04/16/2015 13:15 by RCB

Submitted: 04/17/2015 09:20
Reported: 04/28/2015 19:19

Atlantic Richfield(Parsons-NY)
BP Corporation
501 WestLake Park Blvd
Houston TX 77079

B-13M

CAT No.	Analysis Name	CAS Number	Result	Method Detection Limit*	Limit of Quantitation	Dilution Factor
	The concentration reported for Trichloroethene exceeded the calibration range of the instrument in the initial determination at a concentration of 1100 ug/L.					
GC Miscellaneous	**RSKSOP-175 modified**		**ug/l**	**ug/l**	**ug/l**	
07105	Ethane	74-84-0	N.D.	1.0	5.0	1
07105	Ethene	74-85-1	N.D.	1.0	5.0	1
07105	Methane	74-82-8	N.D.	3.0	5.0	1
Metals	**SW-846 6010C**		**mg/l**	**mg/l**	**mg/l**	
01754	Iron	7439-89-6	0.112 J	0.0334	0.400	1
07058	Manganese	7439-96-5	0.0351	0.00083	0.0100	1
Wet Chemistry	**EPA 300.0**		**mg/l**	**mg/l**	**mg/l**	
00224	Chloride	16887-00-6	233	10.0	20.0	50
00368	Nitrate Nitrogen	14797-55-8	N.D.	0.25	0.50	5
01506	Nitrite Nitrogen	14797-65-0	N.D.	0.25	0.50	5
00228	Sulfate	14808-79-8	201	15.0	50.0	50
	EPA 415.1 modified		**mg/l**	**mg/l**	**mg/l**	
07547	Dissolved Organic Carbon	n.a.	1.5	0.50	1.0	1
	EPA 410.4		**mg/l**	**mg/l**	**mg/l**	
04001	Chemical Oxygen Demand	n.a.	23.9 J	12.8	50.0	1
	SM 5210 B-2001		**mg/l**	**mg/l**	**mg/l**	
00235	Biochemical Oxygen Demand	n.a.	N.D.	3.4	3.4	1

General Sample Comments

State of New York Certification No. 10670

All QC is compliant unless otherwise noted. Please refer to the Quality Control Summary for overall QC performance data and associated samples.

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
11997	VOCs Parsons' Specs 8260C	SW-846 8260C	1	L151121AA	04/22/2015 06:30	Stephanie A Selis	1
11997	VOCs Parsons' Specs 8260C	SW-846 8260C	1	L151121AA	04/22/2015 06:52	Stephanie A Selis	10
01163	GC/MS VOA Water Prep	SW-846 5030C	1	L151121AA	04/22/2015 06:30	Stephanie A Selis	1
01163	GC/MS VOA Water Prep	SW-846 5030C	2	L151121AA	04/22/2015 06:52	Stephanie A Selis	10
07105	Volatile Headspace Hydrocarbon	RSKSOP-175 modified	1	151120011A	04/22/2015 18:35	Tracy A Cole	1

*=This limit was used in the evaluation of the final result

Sample Description: B-13M Water
BP Sanborn COC: R219334
2040 Cory Dr - Sanborn, NY

LL Sample # WW 7850970
LL Group # 1554040
Account # 12495

Project Name: BP Sanborn

Collected: 04/16/2015 13:15 by RCB

Submitted: 04/17/2015 09:20
Reported: 04/28/2015 19:19

Atlantic Richfield(Parsons-NY)
BP Corporation
501 WestLake Park Blvd
Houston TX 77079

B-13M

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
01754	Iron	SW-846 6010C	1	151110635001	04/23/2015 03:15	Tara L Snyder	1
07058	Manganese	SW-846 6010C	1	151110635001	04/23/2015 03:15	Tara L Snyder	1
10635	ICP-WW, 3005A (tot rec) - U4	SW-846 3005A	1	151110635001	04/22/2015 08:23	James L Mertz	1
00224	Chloride	EPA 300.0	1	15107667901A	04/17/2015 19:06	Drew M Gerhart	50
00368	Nitrate Nitrogen	EPA 300.0	1	15107667901A	04/17/2015 18:49	Drew M Gerhart	5
01506	Nitrite Nitrogen	EPA 300.0	1	15107667901A	04/17/2015 18:49	Drew M Gerhart	5
00228	Sulfate	EPA 300.0	1	15107667901A	04/17/2015 19:06	Drew M Gerhart	50
07547	Dissolved Organic Carbon	EPA 415.1 modified	2	15112049501A	04/22/2015 23:26	James S Mathiot	1
04001	Chemical Oxygen Demand	EPA 410.4	1	15111400101B	04/21/2015 07:15	Susan A Engle	1
00235	Biochemical Oxygen Demand	SM 5210 B-2001	1	15108023501A	04/18/2015 09:58	Hannah M Royer	1

*=This limit was used in the evaluation of the final result

Sample Description: B-19M Water
BP Sanborn COC: R219335
2040 Cory Dr - Sanborn, NY

LL Sample # WW 7850971
LL Group # 1554040
Account # 12495

Project Name: BP Sanborn

Collected: 04/16/2015 14:45 by RCB

Submitted: 04/17/2015 09:20
Reported: 04/28/2015 19:19

Atlantic Richfield(Parsons-NY)
BP Corporation
501 WestLake Park Blvd
Houston TX 77079

B-19M

CAT No.	Analysis Name	CAS Number	Result	Method Detection Limit*	Limit of Quantitation	Dilution Factor
GC/MS Volatiles	**SW-846 8260C**		**ug/l**	**ug/l**	**ug/l**	
11997	Benzyl Chloride	100-44-7	N.D.	1.0	5.0	1
11997	Bromobenzene	108-86-1	N.D.	1.0	5.0	1
11997	Bromodichloromethane	75-27-4	N.D.	0.50	1.0	1
11997	Bromoform	75-25-2	N.D.	0.50	4.0	1
11997	Bromomethane	74-83-9	N.D.	0.50	1.0	1
11997	Carbon Tetrachloride	56-23-5	N.D.	0.50	1.0	1
11997	Chlorobenzene	108-90-7	N.D.	0.50	1.0	1
11997	Chloroethane	75-00-3	N.D.	0.50	1.0	1
11997	2-Chloroethyl Vinyl Ether	110-75-8	N.D.	2.0	10	1
	2-Chloroethyl vinyl ether may not be recovered if acid was used to preserve this sample.					
11997	Chloroform	67-66-3	N.D.	0.50	1.0	1
11997	Chloromethane	74-87-3	N.D.	0.50	1.0	1
11997	Dibromochloromethane	124-48-1	N.D.	0.50	1.0	1
11997	Dibromomethane	74-95-3	N.D.	0.50	1.0	1
11997	1,2-Dichlorobenzene	95-50-1	N.D.	1.0	5.0	1
11997	1,3-Dichlorobenzene	541-73-1	N.D.	1.0	5.0	1
11997	1,4-Dichlorobenzene	106-46-7	N.D.	1.0	5.0	1
11997	Dichlorodifluoromethane	75-71-8	N.D.	0.50	1.0	1
11997	1,1-Dichloroethane	75-34-3	N.D.	0.50	1.0	1
11997	1,2-Dichloroethane	107-06-2	N.D.	0.50	1.0	1
11997	1,1-Dichloroethene	75-35-4	N.D.	0.50	1.0	1
11997	cis-1,2-Dichloroethene	156-59-2	2.9	0.50	1.0	1
11997	trans-1,2-Dichloroethene	156-60-5	N.D.	0.50	1.0	1
11997	1,2-Dichloropropane	78-87-5	N.D.	0.50	1.0	1
11997	cis-1,3-Dichloropropene	10061-01-5	N.D.	0.50	1.0	1
11997	trans-1,3-Dichloropropene	10061-02-6	N.D.	0.50	1.0	1
11997	Methylene Chloride	75-09-2	N.D.	2.0	4.0	1
11997	1,1,1,2-Tetrachloroethane	630-20-6	N.D.	0.50	1.0	1
11997	1,1,2,2-Tetrachloroethane	79-34-5	N.D.	0.50	1.0	1
11997	Tetrachloroethene	127-18-4	N.D.	0.50	1.0	1
11997	1,1,1-Trichloroethane	71-55-6	N.D.	0.50	1.0	1
11997	1,1,2-Trichloroethane	79-00-5	N.D.	0.50	1.0	1
11997	Trichloroethene	79-01-6	3.8	0.50	1.0	1
11997	Trichlorofluoromethane	75-69-4	N.D.	0.50	1.0	1
11997	1,2,3-Trichloropropane	96-18-4	N.D.	1.0	5.0	1
11997	Vinyl Chloride	75-01-4	0.55 J	0.50	1.0	1
	The referenced method allows a maximum of 20% of the analytes in the calibration to exceed the 20% Drift continuing calibration verification criteria. The reported concentration in the associated sample(s) is considered to be estimated. Therefore the result for the following analyte(s) is estimated: vinyl chloride.					
GC Miscellaneous	**RSKSOP-175 modified**		**ug/l**	**ug/l**	**ug/l**	
07105	Ethane	74-84-0	N.D.	1.0	5.0	1
07105	Ethene	74-85-1	N.D.	1.0	5.0	1
07105	Methane	74-82-8	N.D.	3.0	5.0	1

*=This limit was used in the evaluation of the final result

Sample Description: B-19M Water
BP Sanborn COC: R219335
2040 Cory Dr - Sanborn, NY

LL Sample # WW 7850971
LL Group # 1554040
Account # 12495

Project Name: BP Sanborn

Collected: 04/16/2015 14:45 by RCB

Submitted: 04/17/2015 09:20
Reported: 04/28/2015 19:19

Atlantic Richfield(Parsons-NY)
BP Corporation
501 WestLake Park Blvd
Houston TX 77079

B-19M

CAT No.	Analysis Name	CAS Number	Result	Method Detection Limit*	Limit of Quantitation	Dilution Factor
Metals	**SW-846 6010C**		**mg/l**	**mg/l**	**mg/l**	
01754	Iron	7439-89-6	0.0354 J	0.0334	0.400	1
07058	Manganese	7439-96-5	0.0064 J	0.00083	0.0100	1
Wet Chemistry	**EPA 300.0**		**mg/l**	**mg/l**	**mg/l**	
00224	Chloride	16887-00-6	67.5	4.0	8.0	20
00368	Nitrate Nitrogen	14797-55-8	N.D.	0.25	0.50	5
01506	Nitrite Nitrogen	14797-65-0	N.D.	0.25	0.50	5
00228	Sulfate	14808-79-8	473	15.0	50.0	50
	EPA 415.1 modified		**mg/l**	**mg/l**	**mg/l**	
07547	Dissolved Organic Carbon	n.a.	1.2	0.50	1.0	1
	EPA 410.4		**mg/l**	**mg/l**	**mg/l**	
04001	Chemical Oxygen Demand	n.a.	N.D.	12.8	50.0	1
	SM 5210 B-2001		**mg/l**	**mg/l**	**mg/l**	
00235	Biochemical Oxygen Demand	n.a.	N.D.	3.4	3.4	1

General Sample Comments

State of New York Certification No. 10670

All QC is compliant unless otherwise noted. Please refer to the Quality Control Summary for overall QC performance data and associated samples.

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
11997	VOCs Parsons' Specs 8260C	SW-846 8260C	1	L151121AA	04/22/2015 07:59	Stephanie A Selis	1
01163	GC/MS VOA Water Prep	SW-846 5030C	1	L151121AA	04/22/2015 07:59	Stephanie A Selis	1
07105	Volatile Headspace Hydrocarbon	RSKSOP-175 modified	1	151120011A	04/22/2015 18:53	Tracy A Cole	1
01754	Iron	SW-846 6010C	1	151110635001	04/23/2015 03:17	Tara L Snyder	1
07058	Manganese	SW-846 6010C	1	151110635001	04/23/2015 03:17	Tara L Snyder	1
10635	ICP-WW, 3005A (tot rec) - U4	SW-846 3005A	1	151110635001	04/22/2015 08:23	James L Mertz	1
00224	Chloride	EPA 300.0	1	15107667901A	04/17/2015 18:32	Drew M Gerhart	20
00368	Nitrate Nitrogen	EPA 300.0	1	15107667901A	04/17/2015 16:19	Drew M Gerhart	5
01506	Nitrite Nitrogen	EPA 300.0	1	15107667901A	04/17/2015 16:19	Drew M Gerhart	5
00228	Sulfate	EPA 300.0	1	15107667901A	04/17/2015 16:36	Drew M Gerhart	50
07547	Dissolved Organic Carbon	EPA 415.1 modified	2	15112049501A	04/22/2015 23:41	James S Mathiot	1
04001	Chemical Oxygen Demand	EPA 410.4	1	15111400101B	04/21/2015 07:15	Susan A Engle	1

*=This limit was used in the evaluation of the final result

Sample Description: B-19M Water
BP Sanborn COC: R219335
2040 Cory Dr - Sanborn, NY

LL Sample # WW 7850971
LL Group # 1554040
Account # 12495

Project Name: BP Sanborn

Collected: 04/16/2015 14:45 by RCB

Submitted: 04/17/2015 09:20
Reported: 04/28/2015 19:19

Atlantic Richfield(Parsons-NY)
BP Corporation
501 WestLake Park Blvd
Houston TX 77079

B-19M

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
00235	Biochemical Oxygen Demand	SM 5210 B-2001	1	15108023501A	04/18/2015 09:58	Hannah M Royer	1

*=This limit was used in the evaluation of the final result

Quality Control Summary

Client Name: Atlantic Richfield(Parsons-NY) Group Number: 1554040
Reported: 04/28/2015 19:19

Matrix QC may not be reported if insufficient sample or site-specific QC samples were not submitted. In these situations, to demonstrate precision and accuracy at a batch level, a LCS/LCSD was performed, unless otherwise specified in the method.

All Inorganic Initial Calibration and Continuing Calibration Blanks met acceptable method criteria unless otherwise noted on the Analysis Report.

Laboratory Compliance Quality Control

Analysis Name	Blank Result	Blank MDL**	Blank LOQ	Report Units	LCS %REC	LCSD %REC	LCS/LCSD Limits	RPD	RPD Max
Batch number: L151101AA	Sample number(s): 7850968								
Benzyl Chloride	N.D.	1.0	5.0	ug/l	80		51-120		
Bromobenzene	N.D.	1.0	5.0	ug/l	95		80-120		
Bromodichloromethane	N.D.	0.50	1.0	ug/l	86		73-120		
Bromoform	N.D.	0.50	4.0	ug/l	96		52-123		
Bromomethane	N.D.	0.50	1.0	ug/l	133*		53-130		
Carbon Tetrachloride	N.D.	0.50	1.0	ug/l	90		74-130		
Chlorobenzene	N.D.	0.50	1.0	ug/l	92		80-120		
Chloroethane	N.D.	0.50	1.0	ug/l	116		56-120		
2-Chloroethyl Vinyl Ether	N.D.	2.0	10	ug/l	76		44-143		
Chloroform	N.D.	0.50	1.0	ug/l	89		80-120		
Chloromethane	N.D.	0.50	1.0	ug/l	81		63-120		
Dibromochloromethane	N.D.	0.50	1.0	ug/l	94		72-120		
Dibromomethane	N.D.	0.50	1.0	ug/l	88		80-120		
1,2-Dichlorobenzene	N.D.	1.0	5.0	ug/l	91		80-120		
1,3-Dichlorobenzene	N.D.	1.0	5.0	ug/l	93		80-120		
1,4-Dichlorobenzene	N.D.	1.0	5.0	ug/l	94		80-120		
Dichlorodifluoromethane	N.D.	0.50	1.0	ug/l	85		55-127		
1,1-Dichloroethane	N.D.	0.50	1.0	ug/l	84		80-120		
1,2-Dichloroethane	N.D.	0.50	1.0	ug/l	89		72-127		
1,1-Dichloroethene	N.D.	0.50	1.0	ug/l	91		76-124		
cis-1,2-Dichloroethene	N.D.	0.50	1.0	ug/l	92		80-120		
trans-1,2-Dichloroethene	N.D.	0.50	1.0	ug/l	92		80-120		
1,2-Dichloropropane	N.D.	0.50	1.0	ug/l	83		80-120		
cis-1,3-Dichloropropene	N.D.	0.50	1.0	ug/l	89		80-120		
trans-1,3-Dichloropropene	N.D.	0.50	1.0	ug/l	90		76-120		
Methylene Chloride	N.D.	2.0	4.0	ug/l	84		80-120		
1,1,1,2-Tetrachloroethane	N.D.	0.50	1.0	ug/l	97		80-120		
1,1,2,2-Tetrachloroethane	N.D.	0.50	1.0	ug/l	80		70-120		
Tetrachloroethene	N.D.	0.50	1.0	ug/l	100		80-120		
1,1,1-Trichloroethane	N.D.	0.50	1.0	ug/l	82		66-126		
1,1,2-Trichloroethane	N.D.	0.50	1.0	ug/l	87		80-120		
Trichloroethene	N.D.	0.50	1.0	ug/l	88		80-120		
Trichlorofluoromethane	N.D.	0.50	1.0	ug/l	131		58-135		
1,2,3-Trichloropropane	N.D.	1.0	5.0	ug/l	85		76-120		
Vinyl Chloride	N.D.	0.50	1.0	ug/l	88		69-120		
Batch number: L151121AA	Sample number(s): 7850969-7850971								
Benzyl Chloride	N.D.	1.0	5.0	ug/l	94	90	51-120	4	30
Bromobenzene	N.D.	1.0	5.0	ug/l	115	109	80-120	5	30
Bromodichloromethane	N.D.	0.50	1.0	ug/l	104	101	73-120	3	30
Bromoform	N.D.	0.50	4.0	ug/l	115	109	52-123	5	30
Bromomethane	N.D.	0.50	1.0	ug/l	168*	145*	53-130	14	30
Carbon Tetrachloride	N.D.	0.50	1.0	ug/l	106	104	74-130	2	30

*- Outside of specification
**-This limit was used in the evaluation of the final result for the blank
(1) The result for one or both determinations was less than five times the LOQ.
(2) The unspiked result was more than four times the spike added.

Quality Control Summary

Client Name: Atlantic Richfield(Parsons-NY) Group Number: 1554040
Reported: 04/28/2015 19:19

Analysis Name	Blank Result	Blank MDL**	Blank LOQ	Report Units	LCS %REC	LCSD %REC	LCS/LCSD Limits	RPD	RPD Max
Chlorobenzene	N.D.	0.50	1.0	ug/l	109	106	80-120	3	30
Chloroethane	N.D.	0.50	1.0	ug/l	143*	127*	56-120	12	30
2-Chloroethyl Vinyl Ether	N.D.	2.0	10	ug/l	88	86	44-143	2	30
Chloroform	N.D.	0.50	1.0	ug/l	106	102	80-120	4	30
Chloromethane	N.D.	0.50	1.0	ug/l	88	85	63-120	3	30
Dibromochloromethane	N.D.	0.50	1.0	ug/l	113	108	72-120	4	30
Dibromomethane	N.D.	0.50	1.0	ug/l	103	100	80-120	2	30
1,2-Dichlorobenzene	N.D.	1.0	5.0	ug/l	110	105	80-120	4	30
1,3-Dichlorobenzene	N.D.	1.0	5.0	ug/l	111	108	80-120	3	30
1,4-Dichlorobenzene	N.D.	1.0	5.0	ug/l	112	108	80-120	4	30
Dichlorodifluoromethane	N.D.	0.50	1.0	ug/l	86	84	55-127	3	30
1,1-Dichloroethane	N.D.	0.50	1.0	ug/l	99	96	80-120	3	30
1,2-Dichloroethane	N.D.	0.50	1.0	ug/l	107	105	72-127	2	30
1,1-Dichloroethene	N.D.	0.50	1.0	ug/l	104	100	76-124	4	30
cis-1,2-Dichloroethene	N.D.	0.50	1.0	ug/l	109	104	80-120	4	30
trans-1,2-Dichloroethene	N.D.	0.50	1.0	ug/l	108	106	80-120	2	30
1,2-Dichloropropane	N.D.	0.50	1.0	ug/l	98	95	80-120	3	30
cis-1,3-Dichloropropene	N.D.	0.50	1.0	ug/l	103	101	80-120	3	30
trans-1,3-Dichloropropene	N.D.	0.50	1.0	ug/l	104	101	76-120	3	30
Methylene Chloride	N.D.	2.0	4.0	ug/l	97	96	80-120	2	30
1,1,1,2-Tetrachloroethane	N.D.	0.50	1.0	ug/l	116	112	80-120	4	30
1,1,2,2-Tetrachloroethane	N.D.	0.50	1.0	ug/l	94	91	70-120	3	30
Tetrachloroethene	N.D.	0.50	1.0	ug/l	120	115	80-120	4	30
1,1,1-Trichloroethane	N.D.	0.50	1.0	ug/l	100	96	66-126	3	30
1,1,2-Trichloroethane	N.D.	0.50	1.0	ug/l	104	100	80-120	4	30
Trichloroethene	N.D.	0.50	1.0	ug/l	107	104	80-120	2	30
Trichlorofluoromethane	N.D.	0.50	1.0	ug/l	136*	132	58-135	3	30
1,2,3-Trichloropropane	N.D.	1.0	5.0	ug/l	101	96	76-120	4	30
Vinyl Chloride	N.D.	0.50	1.0	ug/l	110	107	69-120	3	30
Batch number: 151120011A	Sample number(s): 7850968-7850971								
Ethane	N.D.	1.0	5.0	ug/l	95		85-115		
Ethene	N.D.	1.0	5.0	ug/l	95		83-115		
Methane	N.D.	3.0	5.0	ug/l	101		85-115		
Batch number: 151110635001	Sample number(s): 7850968-7850971								
Iron	0.0391 J	0.0334	0.400	mg/l	108		80-120		
Manganese	N.D.	0.00083	0.0100	mg/l	101		80-120		
Batch number: 15107667901A	Sample number(s): 7850968-7850971								
Chloride	N.D.	0.20	0.40	mg/l	103	103	90-110	0	20
Nitrate Nitrogen	N.D.	0.050	0.10	mg/l	102	103	90-110	1	20
Nitrite Nitrogen	N.D.	0.050	0.10	mg/l	98	99	90-110	1	20
Sulfate	N.D.	0.30	1.0	mg/l	97	96	90-110	1	20
Batch number: 15112049501A	Sample number(s): 7850968-7850971								
Dissolved Organic Carbon	N.D.	0.50	1.0	mg/l	101		86-114		
Batch number: 15107023501A	Sample number(s): 7850968								
Biochemical Oxygen Demand					94	98	85-115	4	8
Batch number: 15108023501A	Sample number(s): 7850969-7850971								
Biochemical Oxygen Demand					87	94	85-115	8	8
Batch number: 15111400101B	Sample number(s): 7850968-7850971								
Chemical Oxygen Demand	N.D.	12.8	50.0	mg/l	100		94-110		

*- Outside of specification
**-This limit was used in the evaluation of the final result for the blank
(1) The result for one or both determinations was less than five times the LOQ.
(2) The unspiked result was more than four times the spike added.

Quality Control Summary

Client Name: Atlantic Richfield(Parsons-NY) Group Number: 1554040
Reported: 04/28/2015 19:19

Analysis Name	Blank Result	Blank MDL**	Blank LOQ	Report Units	LCS %REC	LCSD %REC	LCS/LCSD Limits	RPD	RPD Max

Sample Matrix Quality Control

Unspiked (UNSPK) = the sample used in conjunction with the matrix spike
Background (BKG) = the sample used in conjunction with the duplicate

Analysis Name	MS %REC	MSD %REC	MS/MSD Limits	RPD	RPD MAX	BKG Conc	DUP Conc	DUP RPD	Dup RPD Max
Batch number: L151101AA	Sample number(s): 7850968 UNSPK: P849428								
Benzyl Chloride	91	95	53-117	4	30				
Bromobenzene	112	116*	82-115	3	30				
Bromodichloromethane	107	109	73-125	1	30				
Bromoform	111	111	48-118	0	30				
Bromomethane	175*	195*	47-129	11	30				
Carbon Tetrachloride	120	121	75-148	1	30				
Chlorobenzene	111	115	87-124	3	30				
Chloroethane	146*	145*	55-130	0	30				
2-Chloroethyl Vinyl Ether	88	92	10-151	4	30				
Chloroform	112	112	81-134	0	30				
Chloromethane	102	106	61-125	4	30				
Dibromochloromethane	112	115	74-116	2	30				
Dibromomethane	104	106	83-119	1	30				
1,2-Dichlorobenzene	107	110	84-119	3	30				
1,3-Dichlorobenzene	111	114	86-121	2	30				
1,4-Dichlorobenzene	111	114	85-121	2	30				
Dichlorodifluoromethane	115	119	58-156	3	30				
1,1-Dichloroethane	117	118	84-129	1	30				
1,2-Dichloroethane	109	111	63-142	2	30				
1,1-Dichloroethene	120	120	79-137	0	30				
cis-1,2-Dichloroethene	451 (2)	445 (2)	80-141	0	30				
trans-1,2-Dichloroethene	120	123	86-131	2	30				
1,2-Dichloropropane	103	106	83-124	2	30				
cis-1,3-Dichloropropene	108	109	70-116	0	30				
trans-1,3-Dichloropropene	108	111	74-119	3	30				
Methylene Chloride	104	106	78-133	2	30				
1,1,1,2-Tetrachloroethane	117	119	80-123	2	30				
1,1,2,2-Tetrachloroethane	90	92	72-128	2	30				
Tetrachloroethene	141*	144*	80-128	2	30				
1,1,1-Trichloroethane	119	119	69-140	0	30				
1,1,2-Trichloroethane	103	106	71-141	3	30				
Trichloroethene	1060 (2)	1044 (2)	88-133	0	30				
Trichlorofluoromethane	168*	172*	63-163	2	30				
1,2,3-Trichloropropane	95	97	76-118	2	30				
Vinyl Chloride	129	138*	66-133	4	30				
Batch number: L151121AA	Sample number(s): 7850969-7850971 UNSPK: P850922								
Benzyl Chloride	87	86	53-117	1	30				
Bromobenzene	114	113	82-115	1	30				
Bromodichloromethane	103	105	73-125	2	30				
Bromoform	109	108	48-118	1	30				
Bromomethane	153*	168*	47-129	10	30				
Carbon Tetrachloride	119	117	75-148	1	30				

*- Outside of specification
**-This limit was used in the evaluation of the final result for the blank
(1) The result for one or both determinations was less than five times the LOQ.
(2) The unspiked result was more than four times the spike added.

Quality Control Summary

Client Name: Atlantic Richfield(Parsons-NY) Group Number: 1554040
Reported: 04/28/2015 19:19

Sample Matrix Quality Control

Unspiked (UNSPK) = the sample used in conjunction with the matrix spike
Background (BKG) = the sample used in conjunction with the duplicate

Analysis Name	MS %REC	MSD %REC	MS/MSD Limits	RPD	RPD MAX	BKG Conc	DUP Conc	DUP RPD	Dup RPD Max
Chlorobenzene	111	109	87-124	1	30				
Chloroethane	150*	148*	55-130	1	30				
2-Chloroethyl Vinyl Ether	84	85	10-151	0	30				
Chloroform	109	109	81-134	0	30				
Chloromethane	93	91	61-125	2	30				
Dibromochloromethane	111	108	74-116	3	30				
Dibromomethane	101	102	83-119	1	30				
1,2-Dichlorobenzene	108	109	84-119	1	30				
1,3-Dichlorobenzene	112	112	86-121	0	30				
1,4-Dichlorobenzene	113	112	85-121	1	30				
Dichlorodifluoromethane	107	107	58-156	0	30				
1,1-Dichloroethane	101	102	84-129	1	30				
1,2-Dichloroethane	107	109	63-142	1	30				
1,1-Dichloroethene	111	113	79-137	1	30				
cis-1,2-Dichloroethene	112	111	80-141	1	30				
trans-1,2-Dichloroethene	114	115	86-131	1	30				
1,2-Dichloropropane	98	98	83-124	1	30				
cis-1,3-Dichloropropene	101	102	70-116	0	30				
trans-1,3-Dichloropropene	102	100	74-119	2	30				
Methylene Chloride	100	99	78-133	1	30				
1,1,1,2-Tetrachloroethane	117	116	80-123	1	30				
1,1,2,2-Tetrachloroethane	88	87	72-128	1	30				
Tetrachloroethene	128	126	80-128	1	30				
1,1,1-Trichloroethane	106	106	69-140	0	30				
1,1,2-Trichloroethane	100	100	71-141	0	30				
Trichloroethene	110	111	88-133	1	30				
Trichlorofluoromethane	164*	156	63-163	5	30				
1,2,3-Trichloropropane	95	95	76-118	0	30				
Vinyl Chloride	118	116	66-133	2	30				
Batch number: 151120011A	Sample number(s): 7850968-7850971 UNSPK: 7850968								
Ethane	89	92	53-122	4	20				
Ethene	98	103	35-162	5	20				
Methane	107	95	46-129	12	20				
Batch number: 151110635001	Sample number(s): 7850968-7850971 UNSPK: P854013 BKG: P854013								
Iron	100	99	75-125	1	20	0.0435 J	0.0423 J	3 (1)	20
Manganese	98	99	75-125	1	20	N.D.	N.D.	0 (1)	20
Batch number: 15107667901A	Sample number(s): 7850968-7850971 UNSPK: 7850968 BKG: 7850968								
Chloride	110		90-110			48.0	49.9	4	20
Nitrate Nitrogen	101		90-110			1.7	1.5	9 (1)	20
Nitrite Nitrogen	97		90-110			N.D.	N.D.	0 (1)	20
Sulfate	97		90-110			73.1	71.7	2	20
Batch number: 15112049501A	Sample number(s): 7850968-7850971 UNSPK: 7850968 BKG: 7850968								
Dissolved Organic Carbon	95		54-135			1.2	1.1	3* (1)	2
Batch number: 15107023501A	Sample number(s): 7850968 UNSPK: P850430 BKG: P849929								
Biochemical Oxygen Demand	101	100	85-115	1	8	177	169	4	15
Batch number: 15108023501A	Sample number(s): 7850969-7850971 UNSPK: 7850971 BKG: P852076								

*- Outside of specification
**-This limit was used in the evaluation of the final result for the blank
(1) The result for one or both determinations was less than five times the LOQ.
(2) The unspiked result was more than four times the spike added.

Quality Control Summary

Client Name: Atlantic Richfield(Parsons-NY) Group Number: 1554040
Reported: 04/28/2015 19:19

Sample Matrix Quality Control

Unspiked (UNSPK) = the sample used in conjunction with the matrix spike
Background (BKG) = the sample used in conjunction with the duplicate

Analysis Name	MS %REC	MSD %REC	MS/MSD Limits	RPD	RPD MAX	BKG Conc	DUP Conc	DUP RPD	Dup RPD Max
Biochemical Oxygen Demand	81*	73*	85-115	10*	8	263	177	39*	15
Batch number: 15111400101B	Sample number(s): 7850968-7850971 UNSPK: P850919 BKG: P850919								
Chemical Oxygen Demand	97		94-110			65,200	68,100	4	9

Surrogate Quality Control

Surrogate recoveries which are outside of the QC window are confirmed
unless attributed to dilution or otherwise noted on the Analysis Report.

Analysis Name: VOCs Parsons' Specs 8260C
Batch number: L151101AA

	Dibromofluoromethane	1,2-Dichloroethane-d4	Toluene-d8	4-Bromofluorobenzene
7850968	102	103	97	88
Blank	101	103	97	90
LCS	100	102	99	90
MS	102	103	99	91
MSD	102	104	98	91
Limits:	80-116	77-113	80-113	78-113

Analysis Name: VOCs Parsons' Specs 8260C
Batch number: L151121AA

	Dibromofluoromethane	1,2-Dichloroethane-d4	Toluene-d8	4-Bromofluorobenzene
7850969	101	100	97	89
7850970	102	104	96	90
7850971	103	103	95	89
Blank	101	84	96	90
LCS	102	104	97	91
LCSD	102	103	97	91
MS	101	99	98	91
MSD	102	102	97	91
Limits:	80-116	77-113	80-113	78-113

Analysis Name: Volatile Headspace Hydrocarbon
Batch number: 151120011A

	Propene
7850968	81
7850969	93
7850970	73
7850971	77
Blank	98
LCS	94
MS	76
MSD	80
Limits:	47-116

*- Outside of specification
**-This limit was used in the evaluation of the final result for the blank
(1) The result for one or both determinations was less than five times the LOQ.
(2) The unspiked result was more than four times the spike added.

12495 / 1554040 / 7850968-72

Laboratory Management Program LaMP Chain of Custody Record R219333

Page 1 of 3

BP Site Node Path: BP, Sanborn | Req Due Date (mm/dd/yy): | Rush TAT: Yes ___ No X

BP Facility No: | Lab Work Order Number:

Lab Name: Eurofins Lancaster Labs	Facility Address: 2040 Cory Dr.	Consultant/Contractor: Parsons
Lab Address: 2425 New Holland Pike Lancaster, PA 17601	City, State, ZIP Code: Sanborn, NY 14132	Consultant/Contractor Project No:
Lab PM: Kaitlin Plasterer	Lead Regulatory Agency: NYSDEC	Address: 40 Lafayette Dr. Suite 350 Buffalo, NY 14202
Lab Phone: (717) 656-2300	California Global ID No.:	Consultant/Contractor PM: George Hermance
Lab Shipping Accnt:	Enfos Proposal No: D00B4-0006	Phone: (716) 407-4990 Email:
Lab Bottle Order No:	Accounting Mode: Provision 16 OOC-BU ___ OOC-RM ___	Email EDD To: Corraine Weber and to lab.enfosdoc@bp.com
Other Info:	Stage: 60 Activity: 81	Invoice To: BP ✓ Contractor ___

BP Project Manager (PM): Mike Teeling

BP PM Phone: (585) 732-2343

BP PM Email:

Report Type & QC Level: Standard ___ Full Data Package ___

Lab No.	Sample Description	Date	Time	Matrix: Soil / Solid	Water / Liquid	Air / Vapor	Is this location a well?	No. Containers / Preservative: Total Number of Containers	Unpreserved	H2SO4	HNO3	HCl	Methanol	Requested Analyses: 8260	COD	BOD	Iron Manganese	DOC	Chloride, Nitrate, Nitrite, Sulfate	Methane / Ethane / Ethene			
	B-48M	4/16/15	1150		X		Y	3	X					X									
					X		Y	1		X					X								
					X		Y	1	X							X							
					X		Y	1			X						X						
					X		Y	1	X									X					
					X		Y	2	X										X				
					X		Y	2				X								X			
	B-49M		1015		X		Y	3	X					X									
					X		Y	1		X					X								
					X		Y	1	X							X							

Sampler's Name: Richard C Becker	Relinquished By / Affiliation	Date	Time	Accepted By / Affiliation	Date	Time
Sampler's Company: O+M Enterprises Inc.	Richard C Becker O+M Ent.	4/16/15				
Shipment Method: Fed Ex Ship Date: 4/16/15						
Shipment Tracking No: 804713267002				EUE	4.17.15	920

Special Instructions:

THIS LINE - LAB USE ONLY: Custody Seals In Place: Yes / No | Temp Blank: Yes / No | Cooler Temp on Receipt: 2.9 °F/C | Trip Blank: Yes / No | MS/MSD Sample Submitted: Yes / No

12495 / 1554040 / 7850968-72

Laboratory Management Program LaMP Chain of Custody Record R219334

BP Site Node Path: BP Sanborn | Req Due Date (mm/dd/yy): | Rush TAT: Yes ___ No X

BP Facility No: | Lab Work Order Number:

Lab Name: Eurofins Lancaster Labs	Facility Address: 2040 Cory Dr.	Consultant/Contractor:
Lab Address: 2425 New Holland Pike Lancaster, PA 17601	City, State, ZIP Code: Sanborn, NY 14132	Consultant/Contractor Project No:
Lab PM: Kaitlin Plasterer	Lead Regulatory Agency: NYSDEC	Address:
Lab Phone: (717) 656-2300	California Global ID No.:	Consultant/Contractor PM:
Lab Shipping Accnt:	Enfos Proposal No: D00B4-0006	Phone: Email:
Lab Bottle Order No:	Accounting Mode: Provision 10 OOC-BU ___ OOC-RM ___	Email EDD To: and to lab.enfosdoc@bp.com
Other Info:	Stage: 60 Activity: 81	Invoice To: BP ___ Contractor ___

BP Project Manager (PM): Mike Teeling

BP PM Phone: (585) 732-2343

BP PM Email:

Report Type & QC Level: Standard ___ Full Data Package ___

Lab No.	Sample Description	Date	Time	Matrix: Soil / Solid	Water / Liquid	Air / Vapor	Is this location a well?	No. Containers / Preservative: Total Number of Container	Unpreserved	H2SO4	HNO3	HCl	Methanol	Requested Analyses: 8260	COD	BOD	Iron Manganese	DOC	Chloride, Nitrate, Nitrite, Sulfate	Methane, Ethane, Ethene			
	B-49M	4/16/15	1015		X		Y	3	X		X			X			X						
					X		Y	1	X									X					
					X		Y	2	X										X				
					X		Y	2				X								X			
	B-13M		1315		X		Y	3	X					X									
					X		Y	1		X					X								
					X		Y	1	X							X							
					X		Y	1			X						X						
					X		Y	1	X									X					
					X		Y	2	X										X				

Sampler's Name: Richard C Becker	Relinquished By / Affiliation	Date	Time	Accepted By / Affiliation	Date	Time
Sampler's Company: O+M Enterprises Inc.	Richard C Becker O+M Ent.	4/16/15				
Shipment Method: Fed Ex Ship Date: 4/16/15						
Shipment Tracking No: 804713267002				FEDEX	4.17.15	920

Special Instructions:

THIS LINE - LAB USE ONLY: Custody Seals In Place: Yes / No | Temp Blank: Yes / No | Cooler Temp on Receipt: 2-9 °F/C | Trip Blank: Yes / No | MS/MSD Sample Submitted: Yes / No

12495/1554040/7850968-72

Laboratory Management Program LaMP Chain of Custody Record R219335

Page 3 of 3

BP Site Node Path: BP Sanborn | Req Due Date (mm/dd/yy): | Rush TAT: Yes ___ No X

BP Facility No: | Lab Work Order Number:

Lab Name: Eurofins Lancaster Labs	Facility Address: 2040 Cory Dr.	Consultant/Contractor: Parsons
Lab Address: 2425 New Holland Pike Lancaster, PA 17601	City, State, ZIP Code: Sanborn, NY 14132	Consultant/Contractor Project No:
Lab PM: Kaitlin Plasterer	Lead Regulatory Agency: NYSDEC	Address: 40 LaRiviere Dr. Suite 350 Buffalo, NY 14202
Lab Phone: (717) 656-2300	California Global ID No.:	Consultant/Contractor PM: George Hermance
Lab Shipping Accnt:	Enfos Proposal No: D00834-0006	Phone: (716) 407-4990 Email:
Lab Bottle Order No:	Accounting Mode: Provision D OOC-BU ___ OOC-RM ___	Email EDD To: Lorraine Weber and to lab.enfosdoc@bp.com
Other Info:	Stage: 60 Activity: 81	Invoice To: BP X Contractor ___

BP Project Manager (PM): Mike Teeling

BP PM Phone: (585) 732-2343

BP PM Email:

Report Type & QC Level: Standard ___ Full Data Package ___

Lab No.	Sample Description	Date	Time	Matrix: Soil / Solid	Matrix: Water / Liquid	Matrix: Air / Vapor	Matrix: Is this location a well?	No. Containers / Preservative: Total Number of Containers	Unpreserved	H2SO4	HNO3	HCl	Methanol	Requested Analyses: 8260	COD	BOD	Iron Manganese	DOC	Chloride, Nitrate Nitrite SO4 Fluoride	Methane Ethane Ethene	Comments
	B-13M	4/16/15	1315		X		Y	18	~~3~~			X								X	
	B-19M		1445		X		Y	3	X					X							
					X		Y	1		X					X						
					X		Y	1	X							X					
					X		Y	1			X						X				
					X		Y	1	X									X			
					X		Y	2	X										X		
					X		Y	2				X								X	

Note: If sample not collected, indicate "No Sample" in comments and single-strike out and initial any preprinted sample description.

Sampler's Name: Richard C Becken	Relinquished By / Affiliation	Date	Time	Accepted By / Affiliation	Date	Time
Sampler's Company: O&M Enterprises Inc	Richard C Becken O&M	4/16/15				
Shipment Method: Fed Ex Ship Date: 4/16/15						
Shipment Tracking No: 804713267002				EZ LIS	4.17.15	920

Special Instructions:

THIS LINE - LAB USE ONLY: Custody Seals In Place: Yes / No | Temp Blank: Yes / No | Cooler Temp on Receipt: 2.9 °F/C | Trip Blank: Yes / No | MS/MSD Sample Submitted: Yes / No

eurofins | Lancaster Laboratories Environmental

Sample Administration Receipt Documentation Log

Doc Log ID: 66003

Group Number(s): 1554040

Client: Parsons

Delivery and Receipt Information

Delivery Method:	Fed Ex	Arrival Timestamp:	04/17/2015 9:20
Number of Packages:	1	Number of Projects:	1
State/Province of Origin:	NJ		

Arrival Condition Summary

Shipping Container Sealed:	Yes	Sample IDs on COC match Containers:	Yes
Custody Seal Present:	Yes	Sample Date/Times match COC:	Yes
Custody Seal Intact:	Yes	VOA Vial Headspace ≥ 6mm:	No
Samples Chilled:	Yes	Total Trip Blank Qty:	2
Paperwork Enclosed:	Yes	Trip Blank Type:	unpres
Samples Intact:	No	Air Quality Samples Present:	No
Missing Samples:	No		
Extra Samples:	No		
Discrepancy in Container Qty on COC:	Yes		

Unpacked by Brandy Barclay (2299) at 09:44 on 04/17/2015

Samples Chilled Details

Thermometer Types: DT = Digital (Temp. Bottle) IR = Infrared (Surface Temp) All Temperatures in °C.

Cooler #	Thermometer ID	Corrected Temp	Therm. Type	Ice Type	Ice Present?	Ice Container	Elevated Temp?
1	DT146	2.9	DT	Wet	Y	Bagged	N

Samples Not Intact Details

Sample ID on Label	Bottle Code	Bottle Quantity	Container Salvageable?	Comments
B-48M	40 ml glass vial (GC/MS) - None	1	N	
B-49M	40 ml glass vial (GC/MS) - None	1	N	

Container Quantity Discrepancy Details

Sample ID on COC	Container Qty. Received	Container Qty. on COC	Comments
B-13M	11	10	rec'd 2 methane vials

2425 New Holland Pike
Lancaster, PA 17605-2425

T | 717-656-2300
F | 717-656-2681
www.LancasterLabs.com

Explanation of Symbols and Abbreviations

The following defines common symbols and abbreviations used in reporting technical data:

RL	Reporting Limit	**BMQL**	Below Minimum Quantitation Level
N.D.	none detected	**MPN**	Most Probable Number
TNTC	Too Numerous To Count	**CP Units**	cobalt-chloroplatinate units
IU	International Units	**NTU**	nephelometric turbidity units
umhos/cm	micromhos/cm	**ng**	nanogram(s)
C	degrees Celsius	**F**	degrees Fahrenheit
meq	milliequivalents	**lb.**	pound(s)
g	gram(s)	**kg**	kilogram(s)
µg	microgram(s)	**mg**	milligram(s)
mL	milliliter(s)	**L**	liter(s)
m3	cubic meter(s)	**µL**	microliter(s)
		pg/L	picogram/liter

<	less than
>	greater than
ppm	parts per million - One ppm is equivalent to one milligram per kilogram (mg/kg) or one gram per million grams. For aqueous liquids, ppm is usually taken to be equivalent to milligrams per liter (mg/l), because one liter of water has a weight very close to a kilogram. For gases or vapors, one ppm is equivalent to one microliter per liter of gas.
ppb	parts per billion
Dry weight basis	Results printed under this heading have been adjusted for moisture content. This increases the analyte weight concentration to approximate the value present in a similar sample without moisture. All other results are reported on an as-received basis.

Laboratory Data Qualifiers:

B - Analyte detected in the blank
C - Result confirmed by reanalysis
E - Concentration exceeds the calibration range
J (or G, I, X) - estimated value ≥ the Method Detection Limit (MDL or DL) and the < Limit of Quantitation (LOQ or RL)
P - Concentration difference between the primary and confirmation column >40%. The lower result is reported.
U - Analyte was not detected at the value indicated
V - Concentration difference between the primary and confirmation column >100%. The reporting limit is raised due to this disparity and evident interference…

Additional Organic and Inorganic CLP qualifiers may be used with Form 1 reports as defined by the CLP methods.
Qualifiers specific to Dioxin/Furans and PCB Congeners are detailed on the individual Analysis Report.

Analytical test results meet all requirements of the associated regulatory program (i.e., NELAC (TNI), DoD, ISO17025) unless otherwise noted under the individual analysis.

Measurement uncertainty values, as applicable, are available upon request.

Tests results relate only to the sample tested. Clients should be aware that a critical step in a chemical or microbiological analysis is the collection of the sample. Unless the sample analyzed is truly representative of the bulk of material involved, the test results will be meaningless. If you have questions regarding the proper techniques of collecting samples, please contact us. We cannot be held responsible for sample integrity, however, unless sampling has been performed by a member of our staff.

Times are local to the area of activity. Parameters listed in the 40 CFR Part 136 Table II as “analyze immediately” are not performed within 15 minutes.

WARRANTY AND LIMITS OF LIABILITY - In accepting analytical work, we warrant the accuracy of test results for the sample as submitted. THE FOREGOING EXPRESS WARRANTY IS EXCLUSIVE AND IS GIVEN IN LIEU OF ALL OTHER WARRANTIES, EXPRESSED OR IMPLIED. WE DISCLAIM ANY OTHER WARRANTIES, EXPRESSED OR IMPLIED, INCLUDING A WARRANTY OF FITNESS FOR PARTICULAR PURPOSE AND WARRANTY OF MERCHANTABILITY. IN NO EVENT SHALL EUROFINS LANCASTER LABORATORIES ENVIRONMENTAL, LLC BE LIABLE FOR INDIRECT, SPECIAL, CONSEQUENTIAL, OR INCIDENTAL DAMAGES INCLUDING, BUT NOT LIMITED TO, DAMAGES FOR LOSS OF PROFIT OR GOODWILL REGARDLESS OF (A) THE NEGLIGENCE (EITHER SOLE OR CONCURRENT) OF EUROFINS LANCASTER LABORATORIES ENVIRONMENTAL AND (B) WHETHER EUROFINS LANCASTER LABORATORIES ENVIRONMENTAL HAS BEEN INFORMED OF THE POSSIBILITY OF SUCH DAMAGES. We accept no legal responsibility for the purposes for which the client uses the test results. No purchase order or other order for work shall be accepted by Eurofins Lancaster Laboratories Environmental which includes any conditions that vary from the Standard Terms and Conditions, and Eurofins Lancaster Laboratories Environmental hereby objects to any conflicting terms contained in any acceptance or order submitted by client.

ANALYTICAL RESULTS

Prepared by:

Eurofins Lancaster Laboratories Environmental
2425 New Holland Pike
Lancaster, PA 17601

Prepared for:

Atlantic Richfield(Parsons-NY)
BP Corporation
501 WestLake Park Blvd
Houston TX 77079

May 01, 2015

Project: BP Sanborn

Submittal Date: 04/22/2015
Group Number: 1555228
PO Number: D00B4-0006
Release Number: TEELING
State of Sample Origin: NY

Client Sample Description	Lancaster Labs (LL) #
B-17M Water	7856493
B-17M MS Water	7856494
B-17M MSD Water	7856495
B-17M DUP Water	7856496
B-44M Water	7856497
B-43M Water	7856498
B-42M Water	7856499

The specific methodologies used in obtaining the enclosed analytical results are indicated on the Laboratory Sample Analysis Record.

Regulatory agencies do not accredit laboratories for all methods, analytes, and matrices. Our scopes of accreditation can be viewed at http://www.eurofinsus.com/environment-testing/laboratories/eurofins-lancaster-laboratories-environmental/resources/certifications/ .

ELECTRONIC COPY TO	Parsons	Attn: George Hermance
ELECTRONIC COPY TO	Parsons	Attn: Lorraine Weber
ELECTRONIC COPY TO	Parsons	Attn: Eric Felter
ELECTRONIC COPY TO	Parsons	Attn: Doug Taylor

Respectfully Submitted,

Kaitlin N. Plasterer
Specialist

(717) 556-7323

Project Name: BP Sanborn
LL Group #: 1555228

General Comments:

Through our technical processes and second person review of data, we have established that our data/deliverables are in compliance with the methods and project requirements unless otherwise noted or previously resolved with the client. The compliance signature is located on the cover page of the Analysis Reports.

See the Laboratory Sample Analysis Record section of the Analysis Report for the method references.

All QC met criteria unless otherwise noted in an Analysis Specific Comment below. Refer to the QC Summary for specific values and acceptance criteria.

Project specific QC samples are included in this data set

Matrix QC may not be reported if site-specific QC samples were not submitted. In these situations, to demonstrate precision and accuracy at a batch level, a LCS/LCSD was performed, unless otherwise specified in the method.

Surrogate recoveries (if applicable) which are outside of the QC window are confirmed unless attributed to a dilution or otherwise noted in an Analysis Specific Comment below.

The samples were received at the appropriate temperature and in accordance with the chain of custody unless otherwise noted.

Analysis Specific Comments:

SW-846 8260C, GC/MS Volatiles

Batch #: L151151AA (Sample number(s): 7856493-7856495, 7856497-7856499 UNSPK: 7856493)

The recovery(ies) for the following analyte(s) in the MS and/or MSD was outside the acceptance window: Vinyl Chloride, 1,1-Dichloroethene, trans-1,2-Dichloroethene, 1,1-Dichloroethane, cis-1,2-Dichloroethene, Trichloroethene, Tetrachloroethene, cis-1,3-Dichloropropene, trans-1,3-Dichloropropene

EPA 300.0, Wet Chemistry

Sample #s: 7856493, 7856493, 7856494, 7856494, 7856496, 7856496

The holding time was not met. The sample was submitted to the laboratory with insufficient time remaining in the holding time.

Batch #: 15112667601A (Sample number(s): 7856493-7856494, 7856496-7856499 UNSPK: 7856493 BKG: 7856493)

The recovery(ies) for the following analyte(s) in the MS was outside the acceptance window: Chloride

EPA 410.4, Wet Chemistry

Batch #: 15113400101B (Sample number(s): 7856493-7856499 UNSPK: 7856493 BKG: 7856493)

The duplicate RPD for the following analyte(s) exceeded the acceptance window: Chemical Oxygen Demand

SM 5210 B-2001, Wet Chemistry

Sample #s: 7856493, 7856494, 7856495, 7856496

The holding time was not met. The sample was submitted to the laboratory with insufficient time remaining in the holding time.

Sample Description: B-17M Water
BP Sanborn COC: R219336
2040 Cory Dr - Sanborn, NY

LL Sample # WW 7856493
LL Group # 1555228
Account # 12495

Project Name: BP Sanborn

Collected: 04/20/2015 09:50 by RCB

Submitted: 04/22/2015 09:20
Reported: 05/01/2015 15:02

Atlantic Richfield(Parsons-NY)
BP Corporation
501 WestLake Park Blvd
Houston TX 77079

B-17M

CAT No.	Analysis Name	CAS Number	Result		Method Detection Limit*	Limit of Quantitation	Dilution Factor
GC/MS Volatiles	**SW-846 8260C**		**ug/l**		**ug/l**	**ug/l**	
11997	Benzyl Chloride	100-44-7	N.D.		1.0	5.0	1
11997	Bromobenzene	108-86-1	N.D.		1.0	5.0	1
11997	Bromodichloromethane	75-27-4	N.D.		0.50	1.0	1
11997	Bromoform	75-25-2	N.D.		0.50	4.0	1
11997	Bromomethane	74-83-9	N.D.		0.50	1.0	1
11997	Carbon Tetrachloride	56-23-5	N.D.		0.50	1.0	1
11997	Chlorobenzene	108-90-7	N.D.		0.50	1.0	1
11997	Chloroethane	75-00-3	N.D.		0.50	1.0	1
11997	2-Chloroethyl Vinyl Ether	110-75-8	N.D.		2.0	10	1
	2-Chloroethyl vinyl ether may not be recovered if acid was used to preserve this sample.						
11997	Chloroform	67-66-3	N.D.		0.50	1.0	1
11997	Chloromethane	74-87-3	N.D.		0.50	1.0	1
11997	Dibromochloromethane	124-48-1	N.D.		0.50	1.0	1
11997	Dibromomethane	74-95-3	N.D.		0.50	1.0	1
11997	1,2-Dichlorobenzene	95-50-1	N.D.		1.0	5.0	1
11997	1,3-Dichlorobenzene	541-73-1	N.D.		1.0	5.0	1
11997	1,4-Dichlorobenzene	106-46-7	N.D.		1.0	5.0	1
11997	Dichlorodifluoromethane	75-71-8	N.D.		0.50	1.0	1
11997	1,1-Dichloroethane	75-34-3	160		0.50	1.0	1
11997	1,2-Dichloroethane	107-06-2	N.D.		0.50	1.0	1
11997	1,1-Dichloroethene	75-35-4	54		0.50	1.0	1
11997	cis-1,2-Dichloroethene	156-59-2	4,400		25	50	50
11997	trans-1,2-Dichloroethene	156-60-5	29		0.50	1.0	1
11997	1,2-Dichloropropane	78-87-5	N.D.		0.50	1.0	1
11997	cis-1,3-Dichloropropene	10061-01-5	N.D.		0.50	1.0	1
11997	trans-1,3-Dichloropropene	10061-02-6	N.D.		0.50	1.0	1
11997	Methylene Chloride	75-09-2	N.D.		2.0	4.0	1
11997	1,1,1,2-Tetrachloroethane	630-20-6	N.D.		0.50	1.0	1
11997	1,1,2,2-Tetrachloroethane	79-34-5	N.D.		0.50	1.0	1
11997	Tetrachloroethene	127-18-4	23		0.50	1.0	1
11997	1,1,1-Trichloroethane	71-55-6	36		0.50	1.0	1
11997	1,1,2-Trichloroethane	79-00-5	N.D.		0.50	1.0	1
11997	Trichloroethene	79-01-6	3,600		25	50	50
11997	Trichlorofluoromethane	75-69-4	N.D.		0.50	1.0	1
11997	1,2,3-Trichloropropane	96-18-4	N.D.		1.0	5.0	1
11997	Vinyl Chloride	75-01-4	360		25	50	50
GC Miscellaneous	**RSKSOP-175 modified**		**ug/l**		**ug/l**	**ug/l**	
07105	Ethane	74-84-0	N.D.		1.0	5.0	1
07105	Ethene	74-85-1	4.4	J	1.0	5.0	1
07105	Methane	74-82-8	16		3.0	5.0	1
Metals	**SW-846 6010C**		**mg/l**		**mg/l**	**mg/l**	
01754	Iron	7439-89-6	0.404		0.0334	0.400	1
07058	Manganese	7439-96-5	0.0537		0.00083	0.0100	1
Wet Chemistry	**EPA 300.0**		**mg/l**		**mg/l**	**mg/l**	
00224	Chloride	16887-00-6	350		20.0	40.0	100

*=This limit was used in the evaluation of the final result

Sample Description: B-17M Water
BP Sanborn COC: R219336
2040 Cory Dr - Sanborn, NY

LL Sample # WW 7856493
LL Group # 1555228
Account # 12495

Project Name: BP Sanborn

Collected: 04/20/2015 09:50 by RCB

Submitted: 04/22/2015 09:20
Reported: 05/01/2015 15:02

Atlantic Richfield(Parsons-NY)
BP Corporation
501 WestLake Park Blvd
Houston TX 77079

B-17M

CAT No.	Analysis Name	CAS Number	Result		Method Detection Limit*	Limit of Quantitation	Dilution Factor
Wet Chemistry	**EPA 300.0**		**mg/l**		**mg/l**	**mg/l**	
00368	Nitrate Nitrogen	14797-55-8	N.D.		0.25	0.50	5
	The holding time was not met. The sample was submitted to the laboratory with insufficient time remaining in the holding time.						
01506	Nitrite Nitrogen	14797-65-0	N.D.		0.25	0.50	5
	The holding time was not met. The sample was submitted to the laboratory with insufficient time remaining in the holding time.						
00228	Sulfate	14808-79-8	177		15.0	50.0	50
	EPA 415.1 modified		**mg/l**		**mg/l**	**mg/l**	
07547	Dissolved Organic Carbon	n.a.	3.5		0.50	1.0	1
	EPA 410.4		**mg/l**		**mg/l**	**mg/l**	
04001	Chemical Oxygen Demand	n.a.	19.4	J	12.8	50.0	1
	SM 5210 B-2001		**mg/l**		**mg/l**	**mg/l**	
00235	Biochemical Oxygen Demand	n.a.	N.D.		4.0	4.0	1
	The holding time was not met. The sample was submitted to the laboratory with insufficient time remaining in the holding time.						

General Sample Comments

State of New York Certification No. 10670

All QC is compliant unless otherwise noted. Please refer to the Quality Control Summary for overall QC performance data and associated samples.

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
11997	VOCs Parsons' Specs 8260C	SW-846 8260C	1	L151151AA	04/25/2015 12:03	Angela D Sneeringer	1
11997	VOCs Parsons' Specs 8260C	SW-846 8260C	1	Y151191AA	04/29/2015 07:55	Stephanie A Selis	50
01163	GC/MS VOA Water Prep	SW-846 5030C	1	L151151AA	04/25/2015 12:03	Angela D Sneeringer	1
01163	GC/MS VOA Water Prep	SW-846 5030C	2	Y151191AA	04/29/2015 07:55	Stephanie A Selis	50
07105	Volatile Headspace Hydrocarbon	RSKSOP-175 modified	1	151140011A	04/24/2015 13:54	Tracy A Cole	1
01754	Iron	SW-846 6010C	1	151140635001	04/28/2015 12:36	Eric L Eby	1
07058	Manganese	SW-846 6010C	1	151140635001	04/28/2015 12:36	Eric L Eby	1
10635	ICP-WW, 3005A (tot rec) - U4	SW-846 3005A	1	151140635001	04/27/2015 15:29	James L Mertz	1
00224	Chloride	EPA 300.0	2	15112667601A	04/22/2015 17:26	Drew M Gerhart	100
00368	Nitrate Nitrogen	EPA 300.0	1	15112667601A	04/22/2015 14:04	Drew M Gerhart	5
01506	Nitrite Nitrogen	EPA 300.0	1	15112667601A	04/22/2015 14:04	Drew M Gerhart	5
00228	Sulfate	EPA 300.0	1	15112667601A	04/22/2015 17:09	Drew M Gerhart	50

*=This limit was used in the evaluation of the final result

Sample Description: B-17M Water
BP Sanborn COC: R219336
2040 Cory Dr - Sanborn, NY

LL Sample # WW 7856493
LL Group # 1555228
Account # 12495

Project Name: BP Sanborn

Collected: 04/20/2015 09:50 by RCB

Submitted: 04/22/2015 09:20
Reported: 05/01/2015 15:02

Atlantic Richfield(Parsons-NY)
BP Corporation
501 WestLake Park Blvd
Houston TX 77079

B-17M

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
07547	Dissolved Organic Carbon	EPA 415.1 modified	1	15118049503A	04/28/2015 05:03	James S Mathiot	1
04001	Chemical Oxygen Demand	EPA 410.4	1	15113400101B	04/23/2015 07:40	Susan A Engle	1
00235	Biochemical Oxygen Demand	SM 5210 B-2001	1	15112023502A	04/22/2015 10:35	Susan A Engle	1

*=This limit was used in the evaluation of the final result

Sample Description: B-17M MS Water
BP Sanborn COC: R219336
2040 Cory Dr - Sanborn, NY

LL Sample # WW 7856494
LL Group # 1555228
Account # 12495

Project Name: BP Sanborn

Collected: 04/20/2015 09:50 by RCB

Submitted: 04/22/2015 09:20
Reported: 05/01/2015 15:02

Atlantic Richfield(Parsons-NY)
BP Corporation
501 WestLake Park Blvd
Houston TX 77079

B-17M

CAT No.	Analysis Name	CAS Number	Result		Method Detection Limit*	Limit of Quantitation	Dilution Factor
GC/MS Volatiles	**SW-846 8260C**		**ug/l**		**ug/l**	**ug/l**	
11997	Benzyl Chloride	100-44-7	18		1.0	5.0	1
11997	Bromobenzene	108-86-1	22		1.0	5.0	1
11997	Bromodichloromethane	75-27-4	24		0.50	1.0	1
11997	Bromoform	75-25-2	21		0.50	4.0	1
11997	Bromomethane	74-83-9	20		0.50	1.0	1
11997	Carbon Tetrachloride	56-23-5	27		0.50	1.0	1
11997	Chlorobenzene	108-90-7	23		0.50	1.0	1
11997	Chloroethane	75-00-3	20		0.50	1.0	1
11997	2-Chloroethyl Vinyl Ether	110-75-8	22		2.0	10	1
	2-Chloroethyl vinyl ether may not be recovered if acid was used to preserve this sample.						
11997	Chloroform	67-66-3	24		0.50	1.0	1
11997	Chloromethane	74-87-3	21		0.50	1.0	1
11997	Dibromochloromethane	124-48-1	23		0.50	1.0	1
11997	Dibromomethane	74-95-3	22		0.50	1.0	1
11997	1,2-Dichlorobenzene	95-50-1	21		1.0	5.0	1
11997	1,3-Dichlorobenzene	541-73-1	22		1.0	5.0	1
11997	1,4-Dichlorobenzene	106-46-7	22		1.0	5.0	1
11997	Dichlorodifluoromethane	75-71-8	25		0.50	1.0	1
11997	1,1-Dichloroethane	75-34-3	200		0.50	1.0	1
11997	1,2-Dichloroethane	107-06-2	24		0.50	1.0	1
11997	1,1-Dichloroethene	75-35-4	84		0.50	1.0	1
11997	cis-1,2-Dichloroethene	156-59-2	5,200	E	0.50	1.0	1
11997	trans-1,2-Dichloroethene	156-60-5	59		0.50	1.0	1
11997	1,2-Dichloropropane	78-87-5	25		0.50	1.0	1
11997	cis-1,3-Dichloropropene	10061-01-5	24		0.50	1.0	1
11997	trans-1,3-Dichloropropene	10061-02-6	24		0.50	1.0	1
11997	Methylene Chloride	75-09-2	24		2.0	4.0	1
11997	1,1,1,2-Tetrachloroethane	630-20-6	23		0.50	1.0	1
11997	1,1,2,2-Tetrachloroethane	79-34-5	21		0.50	1.0	1
11997	Tetrachloroethene	127-18-4	51		0.50	1.0	1
11997	1,1,1-Trichloroethane	71-55-6	63		0.50	1.0	1
11997	1,1,2-Trichloroethane	79-00-5	22		0.50	1.0	1
11997	Trichloroethene	79-01-6	4,500	E	0.50	1.0	1
11997	Trichlorofluoromethane	75-69-4	23		0.50	1.0	1
11997	1,2,3-Trichloropropane	96-18-4	20		1.0	5.0	1
11997	Vinyl Chloride	75-01-4	490	E	0.50	1.0	1
GC Miscellaneous	**RSKSOP-175 modified**		**ug/l**		**ug/l**	**ug/l**	
07105	Ethane	74-84-0	55		1.0	5.0	1
07105	Ethene	74-85-1	66		1.0	5.0	1
07105	Methane	74-82-8	73		3.0	5.0	1
Metals	**SW-846 6010C**		**mg/l**		**mg/l**	**mg/l**	
01754	Iron	7439-89-6	1.46		0.0334	0.400	1
07058	Manganese	7439-96-5	0.576		0.00083	0.0100	1
Wet Chemistry	**EPA 300.0**		**mg/l**		**mg/l**	**mg/l**	
00224	Chloride	16887-00-6	641		40.0	80.0	200

*=This limit was used in the evaluation of the final result

Sample Description: B-17M MS Water
BP Sanborn COC: R219336
2040 Cory Dr - Sanborn, NY

LL Sample # WW 7856494
LL Group # 1555228
Account # 12495

Project Name: BP Sanborn

Collected: 04/20/2015 09:50 by RCB

Submitted: 04/22/2015 09:20
Reported: 05/01/2015 15:02

Atlantic Richfield(Parsons-NY)
BP Corporation
501 WestLake Park Blvd
Houston TX 77079

B-17M

CAT No.	Analysis Name	CAS Number	Result	Method Detection Limit*	Limit of Quantitation	Dilution Factor
Wet Chemistry	**EPA 300.0**		**mg/l**	**mg/l**	**mg/l**	
00368	Nitrate Nitrogen	14797-55-8	10.0	0.50	1.0	10
	The holding time was not met. The sample was submitted to the laboratory with insufficient time remaining in the holding time.					
01506	Nitrite Nitrogen	14797-65-0	9.2	0.50	1.0	10
	The holding time was not met. The sample was submitted to the laboratory with insufficient time remaining in the holding time.					
00228	Sulfate	14808-79-8	704	30.0	100	100
	EPA 415.1 modified		**mg/l**	**mg/l**	**mg/l**	
07547	Dissolved Organic Carbon	n.a.	14.1	0.50	1.0	1
	EPA 410.4		**mg/l**	**mg/l**	**mg/l**	
04001	Chemical Oxygen Demand	n.a.	413	12.8	50.0	1
	SM 5210 B-2001		**mg/l**	**mg/l**	**mg/l**	
00235	Biochemical Oxygen Demand	n.a.	42.8	6.0	6.0	1
	The holding time was not met. The sample was submitted to the laboratory with insufficient time remaining in the holding time.					

General Sample Comments

State of New York Certification No. 10670

All QC is compliant unless otherwise noted. Please refer to the Quality Control Summary for overall QC performance data and associated samples.

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
11997	VOCs Parsons' Specs 8260C	SW-846 8260C	1	L151151AA	04/25/2015 12:26	Angela D Sneeringer	1
01163	GC/MS VOA Water Prep	SW-846 5030C	1	L151151AA	04/25/2015 12:26	Angela D Sneeringer	1
07105	Volatile Headspace Hydrocarbon	RSKSOP-175 modified	1	151140011A	04/24/2015 14:11	Tracy A Cole	1
01754	Iron	SW-846 6010C	1	151140635001	04/28/2015 12:45	Eric L Eby	1
07058	Manganese	SW-846 6010C	1	151140635001	04/28/2015 12:45	Eric L Eby	1
10635	ICP-WW, 3005A (tot rec) - U4	SW-846 3005A	1	151140635001	04/27/2015 15:29	James L Mertz	1
00224	Chloride	EPA 300.0	2	15112667601A	04/22/2015 18:31	Drew M Gerhart	200
00368	Nitrate Nitrogen	EPA 300.0	1	15112667601A	04/22/2015 14:36	Drew M Gerhart	10
01506	Nitrite Nitrogen	EPA 300.0	1	15112667601A	04/22/2015 14:36	Drew M Gerhart	10
00228	Sulfate	EPA 300.0	1	15112667601A	04/22/2015 18:15	Drew M Gerhart	100
07547	Dissolved Organic Carbon	EPA 415.1 modified	1	15118049503A	04/28/2015 05:16	James S Mathiot	1
04001	Chemical Oxygen Demand	EPA 410.4	1	15113400101B	04/23/2015 07:40	Susan A Engle	1

*=This limit was used in the evaluation of the final result

Sample Description: B-17M MS Water
BP Sanborn COC: R219336
2040 Cory Dr - Sanborn, NY

LL Sample # WW 7856494
LL Group # 1555228
Account # 12495

Project Name: BP Sanborn

Collected: 04/20/2015 09:50 by RCB

Submitted: 04/22/2015 09:20
Reported: 05/01/2015 15:02

Atlantic Richfield(Parsons-NY)
BP Corporation
501 WestLake Park Blvd
Houston TX 77079

B-17M

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
00235	Biochemical Oxygen Demand	SM 5210 B-2001	1	15112023502A	04/22/2015 10:35	Susan A Engle	1

*=This limit was used in the evaluation of the final result

Sample Description: **B-17M MSD Water**
BP Sanborn COC:
2040 Cory Dr - Sanborn, NY

LL Sample # WW 7856495
LL Group # 1555228
Account # 12495

Project Name: BP Sanborn

Collected: 04/20/2015 09:50 by RCB

Submitted: 04/22/2015 09:20
Reported: 05/01/2015 15:02

Atlantic Richfield(Parsons-NY)
BP Corporation
501 WestLake Park Blvd
Houston TX 77079

B-17M

CAT No.	Analysis Name	CAS Number	Result		Method Detection Limit*	Limit of Quantitation	Dilution Factor
GC/MS Volatiles	**SW-846 8260C**		**ug/l**		**ug/l**	**ug/l**	
11997	Benzyl Chloride	100-44-7	19		1.0	5.0	1
11997	Bromobenzene	108-86-1	22		1.0	5.0	1
11997	Bromodichloromethane	75-27-4	23		0.50	1.0	1
11997	Bromoform	75-25-2	21		0.50	4.0	1
11997	Bromomethane	74-83-9	20		0.50	1.0	1
11997	Carbon Tetrachloride	56-23-5	26		0.50	1.0	1
11997	Chlorobenzene	108-90-7	23		0.50	1.0	1
11997	Chloroethane	75-00-3	21		0.50	1.0	1
11997	2-Chloroethyl Vinyl Ether	110-75-8	22		2.0	10	1
	2-Chloroethyl vinyl ether may not be recovered if acid was used to preserve this sample.						
11997	Chloroform	67-66-3	24		0.50	1.0	1
11997	Chloromethane	74-87-3	20		0.50	1.0	1
11997	Dibromochloromethane	124-48-1	23		0.50	1.0	1
11997	Dibromomethane	74-95-3	22		0.50	1.0	1
11997	1,2-Dichlorobenzene	95-50-1	22		1.0	5.0	1
11997	1,3-Dichlorobenzene	541-73-1	22		1.0	5.0	1
11997	1,4-Dichlorobenzene	106-46-7	22		1.0	5.0	1
11997	Dichlorodifluoromethane	75-71-8	24		0.50	1.0	1
11997	1,1-Dichloroethane	75-34-3	190		0.50	1.0	1
11997	1,2-Dichloroethane	107-06-2	22		0.50	1.0	1
11997	1,1-Dichloroethene	75-35-4	81		0.50	1.0	1
11997	cis-1,2-Dichloroethene	156-59-2	5,000	E	0.50	1.0	1
11997	trans-1,2-Dichloroethene	156-60-5	57		0.50	1.0	1
11997	1,2-Dichloropropane	78-87-5	24		0.50	1.0	1
11997	cis-1,3-Dichloropropene	10061-01-5	24		0.50	1.0	1
11997	trans-1,3-Dichloropropene	10061-02-6	24		0.50	1.0	1
11997	Methylene Chloride	75-09-2	23		2.0	4.0	1
11997	1,1,1,2-Tetrachloroethane	630-20-6	23		0.50	1.0	1
11997	1,1,2,2-Tetrachloroethane	79-34-5	21		0.50	1.0	1
11997	Tetrachloroethene	127-18-4	49		0.50	1.0	1
11997	1,1,1-Trichloroethane	71-55-6	60		0.50	1.0	1
11997	1,1,2-Trichloroethane	79-00-5	22		0.50	1.0	1
11997	Trichloroethene	79-01-6	4,300	E	0.50	1.0	1
11997	Trichlorofluoromethane	75-69-4	24		0.50	1.0	1
11997	1,2,3-Trichloropropane	96-18-4	21		1.0	5.0	1
11997	Vinyl Chloride	75-01-4	440	E	0.50	1.0	1
GC Miscellaneous	**RSKSOP-175 modified**		**ug/l**		**ug/l**	**ug/l**	
07105	Ethane	74-84-0	56		1.0	5.0	1
07105	Ethene	74-85-1	67		1.0	5.0	1
07105	Methane	74-82-8	75		3.0	5.0	1
Metals	**SW-846 6010C**		**mg/l**		**mg/l**	**mg/l**	
01754	Iron	7439-89-6	1.46		0.0334	0.400	1
07058	Manganese	7439-96-5	0.582		0.00083	0.0100	1
Wet Chemistry	**EPA 410.4**		**mg/l**		**mg/l**	**mg/l**	
04001	Chemical Oxygen Demand	n.a.	402		12.8	50.0	1

*=This limit was used in the evaluation of the final result

Sample Description: B-17M MSD Water
BP Sanborn COC:
2040 Cory Dr - Sanborn, NY

LL Sample # WW 7856495
LL Group # 1555228
Account # 12495

Project Name: BP Sanborn

Collected: 04/20/2015 09:50 by RCB

Submitted: 04/22/2015 09:20
Reported: 05/01/2015 15:02

Atlantic Richfield(Parsons-NY)
BP Corporation
501 WestLake Park Blvd
Houston TX 77079

B-17M

CAT No.	Analysis Name	CAS Number	Result	Method Detection Limit*	Limit of Quantitation	Dilution Factor
Wet Chemistry	**SM 5210 B-2001**		**mg/l**	**mg/l**	**mg/l**	
00235	Biochemical Oxygen Demand	n.a.	44.1	6.0	6.0	1
	The holding time was not met. The sample was submitted to the laboratory with insufficient time remaining in the holding time.					

General Sample Comments

State of New York Certification No. 10670

All QC is compliant unless otherwise noted. Please refer to the Quality Control Summary for overall QC performance data and associated samples.

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
11997	VOCs Parsons' Specs 8260C	SW-846 8260C	1	L151151AA	04/25/2015 12:48	Angela D Sneeringer	1
01163	GC/MS VOA Water Prep	SW-846 5030C	1	L151151AA	04/25/2015 12:48	Angela D Sneeringer	1
07105	Volatile Headspace Hydrocarbon	RSKSOP-175 modified	1	151140011A	04/24/2015 14:29	Tracy A Cole	1
01754	Iron	SW-846 6010C	1	151140635001	04/28/2015 12:48	Eric L Eby	1
07058	Manganese	SW-846 6010C	1	151140635001	04/28/2015 12:48	Eric L Eby	1
10635	ICP-WW, 3005A (tot rec) - U4	SW-846 3005A	1	151140635001	04/27/2015 15:29	James L Mertz	1
04001	Chemical Oxygen Demand	EPA 410.4	1	15113400101B	04/23/2015 07:40	Susan A Engle	1
00235	Biochemical Oxygen Demand	SM 5210 B-2001	1	15112023502A	04/22/2015 10:35	Susan A Engle	1

*=This limit was used in the evaluation of the final result

Sample Description: B-17M DUP Water
BP Sanborn COC:
2040 Cory Dr - Sanborn, NY

LL Sample # WW 7856496
LL Group # 1555228
Account # 12495

Project Name: BP Sanborn

Collected: 04/20/2015 09:50 by RCB

Submitted: 04/22/2015 09:20
Reported: 05/01/2015 15:02

Atlantic Richfield(Parsons-NY)
BP Corporation
501 WestLake Park Blvd
Houston TX 77079

B-17M

CAT No.	Analysis Name	CAS Number	Result		Method Detection Limit*	Limit of Quantitation	Dilution Factor
Metals	**SW-846 6010C**		**mg/l**		**mg/l**	**mg/l**	
01754	Iron	7439-89-6	0.421		0.0334	0.400	1
07058	Manganese	7439-96-5	0.0537		0.00083	0.0100	1
Wet Chemistry	**EPA 300.0**		**mg/l**		**mg/l**	**mg/l**	
00224	Chloride	16887-00-6	354		20.0	40.0	100
00368	Nitrate Nitrogen	14797-55-8	N.D.		0.25	0.50	5
	The holding time was not met. The sample was submitted to the laboratory with insufficient time remaining in the holding time.						
01506	Nitrite Nitrogen	14797-65-0	N.D.		0.25	0.50	5
	The holding time was not met. The sample was submitted to the laboratory with insufficient time remaining in the holding time.						
00228	Sulfate	14808-79-8	175		15.0	50.0	50
	EPA 415.1 modified		**mg/l**		**mg/l**	**mg/l**	
07547	Dissolved Organic Carbon	n.a.	3.6		0.50	1.0	1
	EPA 410.4		**mg/l**		**mg/l**	**mg/l**	
04001	Chemical Oxygen Demand	n.a.	21.6	J	12.8	50.0	1
	SM 5210 B-2001		**mg/l**		**mg/l**	**mg/l**	
00235	Biochemical Oxygen Demand	n.a.	N.D.		3.8	3.8	1
	The holding time was not met. The sample was submitted to the laboratory with insufficient time remaining in the holding time.						

General Sample Comments

State of New York Certification No. 10670

All QC is compliant unless otherwise noted. Please refer to the Quality Control Summary for overall QC performance data and associated samples.

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
01754	Iron	SW-846 6010C	1	151140635001	04/28/2015 12:42	Eric L Eby	1
07058	Manganese	SW-846 6010C	1	151140635001	04/28/2015 12:42	Eric L Eby	1
10635	ICP-WW, 3005A (tot rec) - U4	SW-846 3005A	1	151140635001	04/27/2015 15:29	James L Mertz	1
00224	Chloride	EPA 300.0	2	15112667601A	04/22/2015 17:58	Drew M Gerhart	100
00368	Nitrate Nitrogen	EPA 300.0	1	15112667601A	04/22/2015 14:20	Drew M Gerhart	5
01506	Nitrite Nitrogen	EPA 300.0	1	15112667601A	04/22/2015 14:20	Drew M Gerhart	5
00228	Sulfate	EPA 300.0	1	15112667601A	04/22/2015 17:42	Drew M Gerhart	50
07547	Dissolved Organic Carbon	EPA 415.1 modified	1	15118049503A	04/28/2015 05:30	James S Mathiot	1
04001	Chemical Oxygen Demand	EPA 410.4	1	15113400101B	04/23/2015 07:40	Susan A Engle	1

*=This limit was used in the evaluation of the final result

Sample Description: B-17M DUP Water
BP Sanborn COC:
2040 Cory Dr - Sanborn, NY

LL Sample # WW 7856496
LL Group # 1555228
Account # 12495

Project Name: BP Sanborn

Collected: 04/20/2015 09:50 by RCB

Submitted: 04/22/2015 09:20
Reported: 05/01/2015 15:02

Atlantic Richfield(Parsons-NY)
BP Corporation
501 WestLake Park Blvd
Houston TX 77079

B-17M

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
00235	Biochemical Oxygen Demand	SM 5210 B-2001	1	15112023502A	04/22/2015 10:35	Susan A Engle	1

*=This limit was used in the evaluation of the final result

Sample Description: B-44M Water
BP Sanborn COC:
2040 Cory Dr - Sanborn, NY

LL Sample # WW 7856497
LL Group # 1555228
Account # 12495

Project Name: BP Sanborn

Collected: 04/20/2015 11:15 by RCB

Submitted: 04/22/2015 09:20
Reported: 05/01/2015 15:02

Atlantic Richfield(Parsons-NY)
BP Corporation
501 WestLake Park Blvd
Houston TX 77079

B-44M

CAT No.	Analysis Name	CAS Number	Result		Method Detection Limit*	Limit of Quantitation	Dilution Factor
GC/MS Volatiles	**SW-846 8260C**		**ug/l**		**ug/l**	**ug/l**	
11997	Benzyl Chloride	100-44-7	N.D.		1.0	5.0	1
11997	Bromobenzene	108-86-1	N.D.		1.0	5.0	1
11997	Bromodichloromethane	75-27-4	N.D.		0.50	1.0	1
11997	Bromoform	75-25-2	N.D.		0.50	4.0	1
11997	Bromomethane	74-83-9	N.D.		0.50	1.0	1
11997	Carbon Tetrachloride	56-23-5	N.D.		0.50	1.0	1
11997	Chlorobenzene	108-90-7	N.D.		0.50	1.0	1
11997	Chloroethane	75-00-3	N.D.		0.50	1.0	1
11997	2-Chloroethyl Vinyl Ether	110-75-8	N.D.		2.0	10	1
	2-Chloroethyl vinyl ether may not be recovered if acid was used to preserve this sample.						
11997	Chloroform	67-66-3	N.D.		0.50	1.0	1
11997	Chloromethane	74-87-3	N.D.		0.50	1.0	1
11997	Dibromochloromethane	124-48-1	N.D.		0.50	1.0	1
11997	Dibromomethane	74-95-3	N.D.		0.50	1.0	1
11997	1,2-Dichlorobenzene	95-50-1	N.D.		1.0	5.0	1
11997	1,3-Dichlorobenzene	541-73-1	N.D.		1.0	5.0	1
11997	1,4-Dichlorobenzene	106-46-7	N.D.		1.0	5.0	1
11997	Dichlorodifluoromethane	75-71-8	N.D.		0.50	1.0	1
11997	1,1-Dichloroethane	75-34-3	7.9		0.50	1.0	1
11997	1,2-Dichloroethane	107-06-2	N.D.		0.50	1.0	1
11997	1,1-Dichloroethene	75-35-4	N.D.		0.50	1.0	1
11997	cis-1,2-Dichloroethene	156-59-2	26		0.50	1.0	1
11997	trans-1,2-Dichloroethene	156-60-5	0.68	J	0.50	1.0	1
11997	1,2-Dichloropropane	78-87-5	N.D.		0.50	1.0	1
11997	cis-1,3-Dichloropropene	10061-01-5	N.D.		0.50	1.0	1
11997	trans-1,3-Dichloropropene	10061-02-6	N.D.		0.50	1.0	1
11997	Methylene Chloride	75-09-2	N.D.		2.0	4.0	1
11997	1,1,1,2-Tetrachloroethane	630-20-6	N.D.		0.50	1.0	1
11997	1,1,2,2-Tetrachloroethane	79-34-5	N.D.		0.50	1.0	1
11997	Tetrachloroethene	127-18-4	N.D.		0.50	1.0	1
11997	1,1,1-Trichloroethane	71-55-6	N.D.		0.50	1.0	1
11997	1,1,2-Trichloroethane	79-00-5	N.D.		0.50	1.0	1
11997	Trichloroethene	79-01-6	36		0.50	1.0	1
11997	Trichlorofluoromethane	75-69-4	N.D.		0.50	1.0	1
11997	1,2,3-Trichloropropane	96-18-4	N.D.		1.0	5.0	1
11997	Vinyl Chloride	75-01-4	2.8		0.50	1.0	1
GC Miscellaneous	**RSKSOP-175 modified**		**ug/l**		**ug/l**	**ug/l**	
07105	Ethane	74-84-0	22		1.0	5.0	1
07105	Ethene	74-85-1	5.0	J	1.0	5.0	1
07105	Methane	74-82-8	29		3.0	5.0	1
Metals	**SW-846 6010C**		**mg/l**		**mg/l**	**mg/l**	
01754	Iron	7439-89-6	0.0515	J	0.0334	0.400	1
07058	Manganese	7439-96-5	0.0068	J	0.00083	0.0100	1
Wet Chemistry	**EPA 300.0**		**mg/l**		**mg/l**	**mg/l**	
00224	Chloride	16887-00-6	76.0		10.0	20.0	50

*=This limit was used in the evaluation of the final result

Sample Description: B-44M Water
BP Sanborn COC:
2040 Cory Dr - Sanborn, NY

LL Sample # WW 7856497
LL Group # 1555228
Account # 12495

Project Name: BP Sanborn

Collected: 04/20/2015 11:15 by RCB

Submitted: 04/22/2015 09:20
Reported: 05/01/2015 15:02

Atlantic Richfield(Parsons-NY)
BP Corporation
501 WestLake Park Blvd
Houston TX 77079

B-44M

CAT No.	Analysis Name	CAS Number	Result		Method Detection Limit*	Limit of Quantitation	Dilution Factor
Wet Chemistry	**EPA 300.0**		**mg/l**		**mg/l**	**mg/l**	
00368	Nitrate Nitrogen	14797-55-8	N.D.		0.25	0.50	5
01506	Nitrite Nitrogen	14797-65-0	N.D.		0.25	0.50	5
00228	Sulfate	14808-79-8	1,490		60.0	200	200
	EPA 415.1 modified		**mg/l**		**mg/l**	**mg/l**	
07547	Dissolved Organic Carbon	n.a.	1.5		0.50	1.0	1
	EPA 410.4		**mg/l**		**mg/l**	**mg/l**	
04001	Chemical Oxygen Demand	n.a.	37.6	J	12.8	50.0	1
	SM 5210 B-2001		**mg/l**		**mg/l**	**mg/l**	
00235	Biochemical Oxygen Demand	n.a.	12.4		6.0	6.0	1

General Sample Comments

State of New York Certification No. 10670

All QC is compliant unless otherwise noted. Please refer to the Quality Control Summary for overall QC performance data and associated samples.

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
11997	VOCs Parsons' Specs 8260C	SW-846 8260C	1	L151151AA	04/25/2015 13:32	Angela D Sneeringer	1
01163	GC/MS VOA Water Prep	SW-846 5030C	1	L151151AA	04/25/2015 13:32	Angela D Sneeringer	1
07105	Volatile Headspace Hydrocarbon	RSKSOP-175 modified	1	151140011A	04/24/2015 14:47	Tracy A Cole	1
01754	Iron	SW-846 6010C	1	151140635001	04/28/2015 12:54	Eric L Eby	1
07058	Manganese	SW-846 6010C	1	151140635001	04/28/2015 12:54	Eric L Eby	1
10635	ICP-WW, 3005A (tot rec) - U4	SW-846 3005A	1	151140635001	04/27/2015 15:29	James L Mertz	1
00224	Chloride	EPA 300.0	1	15112667601A	04/23/2015 21:58	Drew M Gerhart	50
00368	Nitrate Nitrogen	EPA 300.0	1	15112667601A	04/22/2015 11:03	Drew M Gerhart	5
01506	Nitrite Nitrogen	EPA 300.0	1	15112667601A	04/22/2015 11:03	Drew M Gerhart	5
00228	Sulfate	EPA 300.0	1	15112667601A	04/22/2015 19:03	Drew M Gerhart	200
07547	Dissolved Organic Carbon	EPA 415.1 modified	1	15118049503A	04/28/2015 05:43	James S Mathiot	1
04001	Chemical Oxygen Demand	EPA 410.4	1	15113400101B	04/23/2015 07:40	Susan A Engle	1
00235	Biochemical Oxygen Demand	SM 5210 B-2001	1	15112023502A	04/22/2015 10:35	Susan A Engle	1

*=This limit was used in the evaluation of the final result

Sample Description: B-43M Water
BP Sanborn COC:
2040 Cory Dr - Sanborn, NY

LL Sample # WW 7856498
LL Group # 1555228
Account # 12495

Project Name: BP Sanborn

Collected: 04/20/2015 12:55 by RCB

Submitted: 04/22/2015 09:20
Reported: 05/01/2015 15:02

Atlantic Richfield(Parsons-NY)
BP Corporation
501 WestLake Park Blvd
Houston TX 77079

B-43M

CAT No.	Analysis Name	CAS Number	Result		Method Detection Limit*	Limit of Quantitation	Dilution Factor
GC/MS Volatiles	**SW-846 8260C**		**ug/l**		**ug/l**	**ug/l**	
11997	Benzyl Chloride	100-44-7	N.D.		1.0	5.0	1
11997	Bromobenzene	108-86-1	N.D.		1.0	5.0	1
11997	Bromodichloromethane	75-27-4	N.D.		0.50	1.0	1
11997	Bromoform	75-25-2	N.D.		0.50	4.0	1
11997	Bromomethane	74-83-9	N.D.		0.50	1.0	1
11997	Carbon Tetrachloride	56-23-5	N.D.		0.50	1.0	1
11997	Chlorobenzene	108-90-7	N.D.		0.50	1.0	1
11997	Chloroethane	75-00-3	N.D.		0.50	1.0	1
11997	2-Chloroethyl Vinyl Ether	110-75-8	N.D.		2.0	10	1
	2-Chloroethyl vinyl ether may not be recovered if acid was used to preserve this sample.						
11997	Chloroform	67-66-3	N.D.		0.50	1.0	1
11997	Chloromethane	74-87-3	N.D.		0.50	1.0	1
11997	Dibromochloromethane	124-48-1	N.D.		0.50	1.0	1
11997	Dibromomethane	74-95-3	N.D.		0.50	1.0	1
11997	1,2-Dichlorobenzene	95-50-1	N.D.		1.0	5.0	1
11997	1,3-Dichlorobenzene	541-73-1	N.D.		1.0	5.0	1
11997	1,4-Dichlorobenzene	106-46-7	N.D.		1.0	5.0	1
11997	Dichlorodifluoromethane	75-71-8	N.D.		0.50	1.0	1
11997	1,1-Dichloroethane	75-34-3	N.D.		0.50	1.0	1
11997	1,2-Dichloroethane	107-06-2	N.D.		0.50	1.0	1
11997	1,1-Dichloroethene	75-35-4	N.D.		0.50	1.0	1
11997	cis-1,2-Dichloroethene	156-59-2	7.0		0.50	1.0	1
11997	trans-1,2-Dichloroethene	156-60-5	N.D.		0.50	1.0	1
11997	1,2-Dichloropropane	78-87-5	N.D.		0.50	1.0	1
11997	cis-1,3-Dichloropropene	10061-01-5	N.D.		0.50	1.0	1
11997	trans-1,3-Dichloropropene	10061-02-6	N.D.		0.50	1.0	1
11997	Methylene Chloride	75-09-2	N.D.		2.0	4.0	1
11997	1,1,1,2-Tetrachloroethane	630-20-6	N.D.		0.50	1.0	1
11997	1,1,2,2-Tetrachloroethane	79-34-5	N.D.		0.50	1.0	1
11997	Tetrachloroethene	127-18-4	N.D.		0.50	1.0	1
11997	1,1,1-Trichloroethane	71-55-6	N.D.		0.50	1.0	1
11997	1,1,2-Trichloroethane	79-00-5	N.D.		0.50	1.0	1
11997	Trichloroethene	79-01-6	11		0.50	1.0	1
11997	Trichlorofluoromethane	75-69-4	N.D.		0.50	1.0	1
11997	1,2,3-Trichloropropane	96-18-4	N.D.		1.0	5.0	1
11997	Vinyl Chloride	75-01-4	N.D.		0.50	1.0	1
GC Miscellaneous	**RSKSOP-175 modified**		**ug/l**		**ug/l**	**ug/l**	
07105	Ethane	74-84-0	N.D.		1.0	5.0	1
07105	Ethene	74-85-1	N.D.		1.0	5.0	1
07105	Methane	74-82-8	3.4	J	3.0	5.0	1
Metals	**SW-846 6010C**		**mg/l**		**mg/l**	**mg/l**	
01754	Iron	7439-89-6	0.0708	J	0.0334	0.400	1
07058	Manganese	7439-96-5	0.0047	J	0.00083	0.0100	1
Wet Chemistry	**EPA 300.0**		**mg/l**		**mg/l**	**mg/l**	
00224	Chloride	16887-00-6	53.3		2.0	4.0	10

*=This limit was used in the evaluation of the final result

Sample Description: B-43M Water
BP Sanborn COC:
2040 Cory Dr - Sanborn, NY

LL Sample # WW 7856498
LL Group # 1555228
Account # 12495

Project Name: BP Sanborn

Collected: 04/20/2015 12:55 by RCB

Submitted: 04/22/2015 09:20
Reported: 05/01/2015 15:02

Atlantic Richfield(Parsons-NY)
BP Corporation
501 WestLake Park Blvd
Houston TX 77079

B-43M

CAT No.	Analysis Name	CAS Number	Result	Method Detection Limit*	Limit of Quantitation	Dilution Factor
Wet Chemistry	**EPA 300.0**		**mg/l**	**mg/l**	**mg/l**	
00368	Nitrate Nitrogen	14797-55-8	N.D.	0.25	0.50	5
01506	Nitrite Nitrogen	14797-65-0	N.D.	0.25	0.50	5
00228	Sulfate	14808-79-8	808	30.0	100	100
	EPA 415.1 modified		**mg/l**	**mg/l**	**mg/l**	
07547	Dissolved Organic Carbon	n.a.	1.7	0.50	1.0	1
	EPA 410.4		**mg/l**	**mg/l**	**mg/l**	
04001	Chemical Oxygen Demand	n.a.	N.D.	12.8	50.0	1
	SM 5210 B-2001		**mg/l**	**mg/l**	**mg/l**	
00235	Biochemical Oxygen Demand	n.a.	N.D.	4.1	4.1	1

General Sample Comments

State of New York Certification No. 10670

All QC is compliant unless otherwise noted. Please refer to the Quality Control Summary for overall QC performance data and associated samples.

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
11997	VOCs Parsons' Specs 8260C	SW-846 8260C	1	L151151AA	04/25/2015 13:54	Angela D Sneeringer	1
01163	GC/MS VOA Water Prep	SW-846 5030C	1	L151151AA	04/25/2015 13:54	Angela D Sneeringer	1
07105	Volatile Headspace Hydrocarbon	RSKSOP-175 modified	1	151140011A	04/24/2015 15:05	Tracy A Cole	1
01754	Iron	SW-846 6010C	1	151140635001	04/28/2015 12:57	Eric L Eby	1
07058	Manganese	SW-846 6010C	1	151140635001	04/28/2015 12:57	Eric L Eby	1
10635	ICP-WW, 3005A (tot rec) - U4	SW-846 3005A	1	151140635001	04/27/2015 15:29	James L Mertz	1
00224	Chloride	EPA 300.0	1	15112667601A	04/22/2015 19:20	Drew M Gerhart	10
00368	Nitrate Nitrogen	EPA 300.0	1	15112667601A	04/22/2015 12:42	Drew M Gerhart	5
01506	Nitrite Nitrogen	EPA 300.0	1	15112667601A	04/22/2015 12:42	Drew M Gerhart	5
00228	Sulfate	EPA 300.0	1	15112667601A	04/22/2015 20:09	Drew M Gerhart	100
07547	Dissolved Organic Carbon	EPA 415.1 modified	1	15118049503A	04/28/2015 05:57	James S Mathiot	1
04001	Chemical Oxygen Demand	EPA 410.4	1	15113400101B	04/23/2015 07:40	Susan A Engle	1
00235	Biochemical Oxygen Demand	SM 5210 B-2001	1	15112023502A	04/22/2015 10:35	Susan A Engle	1

*=This limit was used in the evaluation of the final result

Sample Description: B-42M Water
BP Sanborn COC:
2040 Cory Dr - Sanborn, NY

LL Sample # WW 7856499
LL Group # 1555228
Account # 12495

Project Name: BP Sanborn

Collected: 04/20/2015 14:15 by RCB

Submitted: 04/22/2015 09:20
Reported: 05/01/2015 15:02

Atlantic Richfield(Parsons-NY)
BP Corporation
501 WestLake Park Blvd
Houston TX 77079

B-42M

CAT No.	Analysis Name	CAS Number	Result		Method Detection Limit*	Limit of Quantitation	Dilution Factor
GC/MS Volatiles	**SW-846 8260C**		**ug/l**		**ug/l**	**ug/l**	
11997	Benzyl Chloride	100-44-7	N.D.		1.0	5.0	1
11997	Bromobenzene	108-86-1	N.D.		1.0	5.0	1
11997	Bromodichloromethane	75-27-4	N.D.		0.50	1.0	1
11997	Bromoform	75-25-2	N.D.		0.50	4.0	1
11997	Bromomethane	74-83-9	N.D.		0.50	1.0	1
11997	Carbon Tetrachloride	56-23-5	N.D.		0.50	1.0	1
11997	Chlorobenzene	108-90-7	N.D.		0.50	1.0	1
11997	Chloroethane	75-00-3	N.D.		0.50	1.0	1
11997	2-Chloroethyl Vinyl Ether	110-75-8	N.D.		2.0	10	1
	2-Chloroethyl vinyl ether may not be recovered if acid was used to preserve this sample.						
11997	Chloroform	67-66-3	N.D.		0.50	1.0	1
11997	Chloromethane	74-87-3	N.D.		0.50	1.0	1
11997	Dibromochloromethane	124-48-1	N.D.		0.50	1.0	1
11997	Dibromomethane	74-95-3	N.D.		0.50	1.0	1
11997	1,2-Dichlorobenzene	95-50-1	N.D.		1.0	5.0	1
11997	1,3-Dichlorobenzene	541-73-1	N.D.		1.0	5.0	1
11997	1,4-Dichlorobenzene	106-46-7	N.D.		1.0	5.0	1
11997	Dichlorodifluoromethane	75-71-8	N.D.		0.50	1.0	1
11997	1,1-Dichloroethane	75-34-3	N.D.		0.50	1.0	1
11997	1,2-Dichloroethane	107-06-2	N.D.		0.50	1.0	1
11997	1,1-Dichloroethene	75-35-4	N.D.		0.50	1.0	1
11997	cis-1,2-Dichloroethene	156-59-2	7.9		0.50	1.0	1
11997	trans-1,2-Dichloroethene	156-60-5	0.85	J	0.50	1.0	1
11997	1,2-Dichloropropane	78-87-5	N.D.		0.50	1.0	1
11997	cis-1,3-Dichloropropene	10061-01-5	N.D.		0.50	1.0	1
11997	trans-1,3-Dichloropropene	10061-02-6	N.D.		0.50	1.0	1
11997	Methylene Chloride	75-09-2	N.D.		2.0	4.0	1
11997	1,1,1,2-Tetrachloroethane	630-20-6	N.D.		0.50	1.0	1
11997	1,1,2,2-Tetrachloroethane	79-34-5	N.D.		0.50	1.0	1
11997	Tetrachloroethene	127-18-4	N.D.		0.50	1.0	1
11997	1,1,1-Trichloroethane	71-55-6	N.D.		0.50	1.0	1
11997	1,1,2-Trichloroethane	79-00-5	N.D.		0.50	1.0	1
11997	Trichloroethene	79-01-6	6.9		0.50	1.0	1
11997	Trichlorofluoromethane	75-69-4	N.D.		0.50	1.0	1
11997	1,2,3-Trichloropropane	96-18-4	N.D.		1.0	5.0	1
11997	Vinyl Chloride	75-01-4	N.D.		0.50	1.0	1
GC Miscellaneous	**RSKSOP-175 modified**		**ug/l**		**ug/l**	**ug/l**	
07105	Ethane	74-84-0	N.D.		1.0	5.0	1
07105	Ethene	74-85-1	N.D.		1.0	5.0	1
07105	Methane	74-82-8	N.D.		3.0	5.0	1
Metals	**SW-846 6010C**		**mg/l**		**mg/l**	**mg/l**	
01754	Iron	7439-89-6	N.D.		0.0334	0.400	1
07058	Manganese	7439-96-5	0.0121		0.00083	0.0100	1
Wet Chemistry	**EPA 300.0**		**mg/l**		**mg/l**	**mg/l**	
00224	Chloride	16887-00-6	70.2		4.0	8.0	20

*=This limit was used in the evaluation of the final result

Sample Description: B-42M Water
BP Sanborn COC:
2040 Cory Dr - Sanborn, NY

LL Sample # WW 7856499
LL Group # 1555228
Account # 12495

Project Name: BP Sanborn

Collected: 04/20/2015 14:15 by RCB

Submitted: 04/22/2015 09:20
Reported: 05/01/2015 15:02

Atlantic Richfield(Parsons-NY)
BP Corporation
501 WestLake Park Blvd
Houston TX 77079

B-42M

CAT No.	Analysis Name	CAS Number	Result	Method Detection Limit*	Limit of Quantitation	Dilution Factor
Wet Chemistry	**EPA 300.0**		**mg/l**	**mg/l**	**mg/l**	
00368	Nitrate Nitrogen	14797-55-8	1.4	0.25	0.50	5
01506	Nitrite Nitrogen	14797-65-0	N.D.	0.25	0.50	5
00228	Sulfate	14808-79-8	71.1	6.0	20.0	20
	EPA 415.1 modified		**mg/l**	**mg/l**	**mg/l**	
07547	Dissolved Organic Carbon	n.a.	2.3	0.50	1.0	1
	EPA 410.4		**mg/l**	**mg/l**	**mg/l**	
04001	Chemical Oxygen Demand	n.a.	N.D.	12.8	50.0	1
	SM 5210 B-2001		**mg/l**	**mg/l**	**mg/l**	
00235	Biochemical Oxygen Demand	n.a.	N.D.	6.4	6.4	1

General Sample Comments

State of New York Certification No. 10670

All QC is compliant unless otherwise noted. Please refer to the Quality Control Summary for overall QC performance data and associated samples.

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
11997	VOCs Parsons' Specs 8260C	SW-846 8260C	1	L151151AA	04/25/2015 14:39	Angela D Sneeringer	1
01163	GC/MS VOA Water Prep	SW-846 5030C	1	L151151AA	04/25/2015 14:39	Angela D Sneeringer	1
07105	Volatile Headspace Hydrocarbon	RSKSOP-175 modified	1	151140011A	04/24/2015 15:23	Tracy A Cole	1
01754	Iron	SW-846 6010C	1	151140635001	04/28/2015 13:05	Eric L Eby	1
07058	Manganese	SW-846 6010C	1	151140635001	04/28/2015 13:05	Eric L Eby	1
10635	ICP-WW, 3005A (tot rec) - U4	SW-846 3005A	1	151140635001	04/27/2015 15:29	James L Mertz	1
00224	Chloride	EPA 300.0	1	15112667601A	04/22/2015 20:25	Drew M Gerhart	20
00368	Nitrate Nitrogen	EPA 300.0	1	15112667601A	04/22/2015 13:15	Drew M Gerhart	5
01506	Nitrite Nitrogen	EPA 300.0	1	15112667601A	04/22/2015 13:15	Drew M Gerhart	5
00228	Sulfate	EPA 300.0	1	15112667601A	04/22/2015 20:25	Drew M Gerhart	20
07547	Dissolved Organic Carbon	EPA 415.1 modified	1	15118049503A	04/28/2015 06:10	James S Mathiot	1
04001	Chemical Oxygen Demand	EPA 410.4	1	15113400101B	04/23/2015 07:40	Susan A Engle	1
00235	Biochemical Oxygen Demand	SM 5210 B-2001	1	15112023502A	04/22/2015 10:35	Susan A Engle	1

*=This limit was used in the evaluation of the final result

Quality Control Summary

Client Name: Atlantic Richfield(Parsons-NY) Group Number: 1555228
Reported: 05/01/2015 15:02

Matrix QC may not be reported if insufficient sample or site-specific QC samples were not submitted. In these situations, to demonstrate precision and accuracy at a batch level, a LCS/LCSD was performed, unless otherwise specified in the method.

All Inorganic Initial Calibration and Continuing Calibration Blanks met acceptable method criteria unless otherwise noted on the Analysis Report.

Laboratory Compliance Quality Control

Analysis Name	Blank Result	Blank MDL**	Blank LOQ	Report Units	LCS %REC	LCSD %REC	LCS/LCSD Limits	RPD	RPD Max
Batch number: L151151AA	Sample number(s): 7856493-7856495,7856497-7856499								
Benzyl Chloride	N.D.	1.0	5.0	ug/l	90		51-120		
Bromobenzene	N.D.	1.0	5.0	ug/l	106		80-120		
Bromodichloromethane	N.D.	0.50	1.0	ug/l	109		73-120		
Bromoform	N.D.	0.50	4.0	ug/l	100		52-123		
Bromomethane	N.D.	0.50	1.0	ug/l	100		53-130		
Carbon Tetrachloride	N.D.	0.50	1.0	ug/l	113		74-130		
Chlorobenzene	N.D.	0.50	1.0	ug/l	109		80-120		
Chloroethane	N.D.	0.50	1.0	ug/l	115		56-120		
2-Chloroethyl Vinyl Ether	N.D.	2.0	10	ug/l	108		44-143		
Chloroform	N.D.	0.50	1.0	ug/l	113		80-120		
Chloromethane	N.D.	0.50	1.0	ug/l	95		63-120		
Dibromochloromethane	N.D.	0.50	1.0	ug/l	108		72-120		
Dibromomethane	N.D.	0.50	1.0	ug/l	107		80-120		
1,2-Dichlorobenzene	N.D.	1.0	5.0	ug/l	103		80-120		
1,3-Dichlorobenzene	N.D.	1.0	5.0	ug/l	104		80-120		
1,4-Dichlorobenzene	N.D.	1.0	5.0	ug/l	104		80-120		
Dichlorodifluoromethane	N.D.	0.50	1.0	ug/l	98		55-127		
1,1-Dichloroethane	N.D.	0.50	1.0	ug/l	113		80-120		
1,2-Dichloroethane	N.D.	0.50	1.0	ug/l	111		72-127		
1,1-Dichloroethene	N.D.	0.50	1.0	ug/l	114		76-124		
cis-1,2-Dichloroethene	N.D.	0.50	1.0	ug/l	115		80-120		
trans-1,2-Dichloroethene	N.D.	0.50	1.0	ug/l	118		80-120		
1,2-Dichloropropane	N.D.	0.50	1.0	ug/l	113		80-120		
cis-1,3-Dichloropropene	N.D.	0.50	1.0	ug/l	113		80-120		
trans-1,3-Dichloropropene	N.D.	0.50	1.0	ug/l	112		76-120		
Methylene Chloride	N.D.	2.0	4.0	ug/l	112		80-120		
1,1,1,2-Tetrachloroethane	N.D.	0.50	1.0	ug/l	109		80-120		
1,1,2,2-Tetrachloroethane	N.D.	0.50	1.0	ug/l	99		70-120		
Tetrachloroethene	N.D.	0.50	1.0	ug/l	112		80-120		
1,1,1-Trichloroethane	N.D.	0.50	1.0	ug/l	100		66-126		
1,1,2-Trichloroethane	N.D.	0.50	1.0	ug/l	106		80-120		
Trichloroethene	N.D.	0.50	1.0	ug/l	117		80-120		
Trichlorofluoromethane	N.D.	0.50	1.0	ug/l	114		58-135		
1,2,3-Trichloropropane	N.D.	1.0	5.0	ug/l	100		76-120		
Vinyl Chloride	N.D.	0.50	1.0	ug/l	102		69-120		
Batch number: Y151191AA	Sample number(s): 7856493								
cis-1,2-Dichloroethene	N.D.	0.50	1.0	ug/l	100	100	80-120	0	30
Trichloroethene	N.D.	0.50	1.0	ug/l	103	104	80-120	1	30
Vinyl Chloride	N.D.	0.50	1.0	ug/l	94	95	69-120	0	30
Batch number: 151140011A	Sample number(s): 7856493-7856495,7856497-7856499								
Ethane	N.D.	1.0	5.0	ug/l	101		85-115		

*- Outside of specification
**-This limit was used in the evaluation of the final result for the blank
(1) The result for one or both determinations was less than five times the LOQ.
(2) The unspiked result was more than four times the spike added.

Quality Control Summary

Client Name: Atlantic Richfield(Parsons-NY) Group Number: 1555228
Reported: 05/01/2015 15:02

Analysis Name	Blank Result	Blank MDL**	Blank LOQ	Report Units	LCS %REC	LCSD %REC	LCS/LCSD Limits	RPD	RPD Max
Ethene	N.D.	1.0	5.0	ug/l	100		83-115		
Methane	N.D.	3.0	5.0	ug/l	106		85-115		
Batch number: 151140635001	Sample number(s): 7856493-7856499								
Iron	N.D.	0.0334	0.400	mg/l	116		80-120		
Manganese	N.D.	0.00083	0.0100	mg/l	107		80-120		
Batch number: 15112667601A	Sample number(s): 7856493-7856494,7856496-7856499								
Chloride	N.D.	0.20	0.40	mg/l	93	92	90-110	0	20
Nitrate Nitrogen	N.D.	0.050	0.10	mg/l	99	99	90-110	1	20
Nitrite Nitrogen	N.D.	0.050	0.10	mg/l	97	97	90-110	0	20
Sulfate	N.D.	0.30	1.0	mg/l	99	99	90-110	0	20
Batch number: 15118049503A	Sample number(s): 7856493-7856494,7856496-7856499								
Dissolved Organic Carbon	N.D.	0.50	1.0	mg/l	101		86-114		
Batch number: 15112023502A	Sample number(s): 7856493-7856499								
Biochemical Oxygen Demand					90		85-115		
Batch number: 15113400101B	Sample number(s): 7856493-7856499								
Chemical Oxygen Demand	N.D.	12.8	50.0	mg/l	99		94-110		

Sample Matrix Quality Control

Unspiked (UNSPK) = the sample used in conjunction with the matrix spike
Background (BKG) = the sample used in conjunction with the duplicate

Analysis Name	MS %REC	MSD %REC	MS/MSD Limits	RPD	RPD MAX	BKG Conc	DUP Conc	DUP RPD	Dup RPD Max
Batch number: L151151AA	Sample number(s): 7856493-7856495,7856497-7856499 UNSPK: 7856493								
Benzyl Chloride	92	93	53-117	1	30				
Bromobenzene	111	111	82-115	0	30				
Bromodichloromethane	119	114	73-125	4	30				
Bromoform	105	103	48-118	2	30				
Bromomethane	100	102	47-129	2	30				
Carbon Tetrachloride	134	128	75-148	5	30				
Chlorobenzene	115	115	87-124	0	30				
Chloroethane	100	107	55-130	7	30				
2-Chloroethyl Vinyl Ether	110	109	10-151	1	30				
Chloroform	121	119	81-134	1	30				
Chloromethane	103	102	61-125	1	30				
Dibromochloromethane	114	113	74-116	1	30				
Dibromomethane	110	109	83-119	1	30				
1,2-Dichlorobenzene	107	109	84-119	2	30				
1,3-Dichlorobenzene	110	111	86-121	1	30				
1,4-Dichlorobenzene	109	109	85-121	1	30				
Dichlorodifluoromethane	125	118	58-156	6	30				
1,1-Dichloroethane	193 (2)	155 (2)	84-129	4	30				
1,2-Dichloroethane	118	112	63-142	5	30				
1,1-Dichloroethene	154*	138*	79-137	4	30				
cis-1,2-Dichloroethene	2586 (2)	1578 (2)	80-141	4	30				
trans-1,2-Dichloroethene	148*	139*	86-131	3	30				

*- Outside of specification
**-This limit was used in the evaluation of the final result for the blank
(1) The result for one or both determinations was less than five times the LOQ.
(2) The unspiked result was more than four times the spike added.

Quality Control Summary

Client Name: Atlantic Richfield(Parsons-NY) Group Number: 1555228
Reported: 05/01/2015 15:02

Sample Matrix Quality Control

Unspiked (UNSPK) = the sample used in conjunction with the matrix spike
Background (BKG) = the sample used in conjunction with the duplicate

Analysis Name	MS %REC	MSD %REC	MS/MSD Limits	RPD	RPD MAX	BKG Conc	DUP Conc	DUP RPD	Dup RPD Max
1,2-Dichloropropane	123	120	83-124	2	30				
cis-1,3-Dichloropropene	121*	119*	70-116	2	30				
trans-1,3-Dichloropropene	121*	118	74-119	2	30				
Methylene Chloride	119	115	78-133	3	30				
1,1,1,2-Tetrachloroethane	115	115	80-123	0	30				
1,1,2,2-Tetrachloroethane	103	103	72-128	0	30				
Tetrachloroethene	141*	131*	80-128	4	30				
1,1,1-Trichloroethane	131	117	69-140	5	30				
1,1,2-Trichloroethane	112	111	71-141	1	30				
Trichloroethene	2064 (2)	1062 (2)	88-133	5	30				
Trichlorofluoromethane	116	120	63-163	3	30				
1,2,3-Trichloropropane	102	103	76-118	1	30				
Vinyl Chloride	494 (2)	247 (2)	66-133	11	30				
Batch number: 151140011A	Sample number(s): 7856493-7856495,7856497-7856499 UNSPK: 7856493								
Ethane	94	95	53-122	2	20				
Ethene	101	104	35-162	2	20				
Methane	93	97	46-129	3	20				
Batch number: 151140635001	Sample number(s): 7856493-7856499 UNSPK: 7856493 BKG: 7856493								
Iron	105	105	75-125	0	20	0.404	0.421	4 (1)	20
Manganese	104	106	75-125	1	20	0.0537	0.0537	0	20
Batch number: 15112667601A	Sample number(s): 7856493-7856494,7856496-7856499 UNSPK: 7856493 BKG: 7856493								
Chloride	73*		90-110			350	354	1	20
Nitrate Nitrogen	100		90-110			N.D.	N.D.	0 (1)	20
Nitrite Nitrogen	92		90-110			N.D.	N.D.	0 (1)	20
Sulfate	105		90-110			177	175	1 (1)	20
Batch number: 15118049503A	Sample number(s): 7856493-7856494,7856496-7856499 UNSPK: 7856493 BKG: 7856493								
Dissolved Organic Carbon	105		54-135			3.5	3.6	2 (1)	2
Batch number: 15112023502A	Sample number(s): 7856493-7856499 UNSPK: 7856493 BKG: 7856493								
Biochemical Oxygen Demand	86	89	85-115	3	8	N.D.	N.D.	0 (1)	15
Batch number: 15113400101B	Sample number(s): 7856493-7856499 UNSPK: 7856493 BKG: 7856493								
Chemical Oxygen Demand	99	96	94-110	3	5	19.4 J	21.6 J	11* (1)	9

Surrogate Quality Control

Surrogate recoveries which are outside of the QC window are confirmed unless attributed to dilution or otherwise noted on the Analysis Report.

Analysis Name: VOCs Parsons' Specs 8260C
Batch number: L151151AA

	Dibromofluoromethane	1,2-Dichloroethane-d4	Toluene-d8	4-Bromofluorobenzene
7856493	102	103	99	99
7856494	102	100	101	101

*- Outside of specification
**-This limit was used in the evaluation of the final result for the blank
(1) The result for one or both determinations was less than five times the LOQ.
(2) The unspiked result was more than four times the spike added.

Quality Control Summary

Client Name: Atlantic Richfield(Parsons-NY) Group Number: 1555228
Reported: 05/01/2015 15:02

Surrogate Quality Control

7856495	100	97	102	99
7856497	101	100	99	99
7856498	101	99	99	100
7856499	100	99	99	100
Blank	100	101	99	99
LCS	102	100	101	100
MS	102	100	101	101
MSD	100	97	102	99
Limits:	80-116	77-113	80-113	78-113

Analysis Name: Volatile Headspace Hydrocarbon
Batch number: 151140011A

	Propene
7856493	86
7856494	82
7856495	80
7856497	86
7856498	81
7856499	76
Blank	101
LCS	103
MS	82
MSD	80
Limits:	47-116

*- Outside of specification
**-This limit was used in the evaluation of the final result for the blank
(1) The result for one or both determinations was less than five times the LOQ.
(2) The unspiked result was more than four times the spike added.

12495 / 1555228 / 7856493-500

bp rm

Laboratory Management Program LaMP Chain of Custody Record R219336

Page 1 of 5

BP Site Node Path: BP, Sanborn

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

BP Facility No: _____

Lab Work Order Number: _____

Lab Name: Eurofins Lancaster Labs	Facility Address: 2040 Cory Dr.	Consultant/Contractor: Parsons
Lab Address: 2425 Newholland Pike Lancaster, PA 17601	City, State, ZIP Code: Sanborn, NY 14132	Consultant/Contractor Project No:
Lab PM: ~~Kathleen~~ Kaitlin Plasterer	Lead Regulatory Agency: NYSDEC	Address: 40 LaRiviere Dr. Suite 350 Buffalo, NY 14202
Lab Phone: ~~800~~ (717) 656-2300	California Global ID No.:	Consultant/Contractor PM: George Hermance
Lab Shipping Accnt:	Enfos Proposal No: D00B4-0006	Phone: (716) 407-4910 Email:
Lab Bottle Order No:	Accounting Mode: Provision 10 OOC-BU ___ OOC-RM ___	Email EDD To: Lorraine Weber and to lab.enfosdoc@bp.com
Other Info:	Stage: 60 Activity: 81	Invoice To: BP X Contractor ___

BP Project Manager (PM): Mike Teeling

BP PM Phone: (585) 732-2343

BP PM Email:

Lab No.	Sample Description	Date	Time	Matrix: Soil / Solid	Matrix: Water / Liquid	Matrix: Air / Vapor	Matrix: Is this location a well?	No. Containers / Preservative: Total Number of Containers	Unpreserved	H2SO4	HNO3	HCl	Methanol	Requested Analyses: 8260	COD	BOD	Iron, Manganese	DOC	Chloride, Nitrite, Nitrate, Sulfate	Methane, Ethane, Ethene
	B-17m	4/20/15	0950		X		Y	3	X					X						
	"	"	"		X		Y	1		X					X					
	"	"	"		X		Y	1	X							X				
	"	"	"		X		Y	1			X						X			
	"	"	"		X		Y	1										X		
	"	"	"		X		Y	1	X										X	
	"	"	"		X		Y	2	X										X	
	B-17m	"	"		X		Y	2				X							[redacted]	X
	B-17m MS	"	"		X		Y	3	X					X						
	"	"	"		X		Y	1		X					X					
	"	"	"		X		Y	1	X							X				

Report Type & QC Level: Standard ___ Full Data Package ___

Comments

Note: If sample not collected, indicate "No Sample" in comments and single-strike out and initial any preprinted sample description.

Sampler's Name: Richard C Becken	Relinquished By / Affiliation	Date	Time	Accepted By / Affiliation	Date	Time
Sampler's Company: O+M Enterprises Inc.	Richard C Becken O+M Ent	4/20/15	1530			
Shipment Method: Fed Ex Ship Date: 4/20/15						
Shipment Tracking No: 801301874636				ELLE	4.21.15	920

Special Instructions:

THIS LINE - LAB USE ONLY: Custody Seals In Place: Yes / No | Temp Blank: Yes / No | Cooler Temp on Receipt: 0.4 °F/C | Trip Blank: Yes / No | MS/MSD Sample Submitted: Yes / No

12495 / 1555228 / 7856493-500

bp rm

Laboratory Management Program LaMP Chain of Custody Record

Page 2 of 5

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:	Lancaster Laboratories	BP/ARC Facility Address:	2040 Cory Dr.	Consultant/Contractor:	Parsons
Lab Address:	2425 New Holland Pike	City, State, ZIP Code:	Sanborn NY 14132	Consultant/Contractor Project No:	
Lab PM:	Kaitlin Plasterer	Lead Regulatory Agency:	NYSDEC	Address:	Ste 350, 40 LaRiviere Drive, Buffalo, NY 14202
Lab Phone:	717-656-2300 x1815	California Global ID No.:	D00B4-0006	Consultant/Contractor PM:	George Hermance
Lab Shipping Accnt:		Enfos Proposal No:		Phone:	716-407-4980
Lab Bottle Order No:		Accounting Mode:	Provision 10 OOC-BU OOC-RM	Email EDD To:	george.hermance@parsons.com
Other Info:		Stage: 60	Activity: 81	Invoice To:	BP/ARC X Contractor
BP/ARC EBM:	Michael Teeling				
EBM Phone:	(585) 732-2343				
EBM Email:					

Lab No.	Sample Description	Date	Time	Matrix: Soil / Solid	Water / Liquid	Air / Vapor	No. Containers / Preservative: Total Number of Containers	Unpreserved	H_2SO_4	HNO_3	HCl		H_3PO_4	Requested Analyses: VOCs 8260	COD	BOD	Iron Manganese	DOC	Chloride, Nitrate, Nitrite, Sulfate	Methane, Ethane, Ethene			Report Type & QC Level / Comments
	B-17M MS	4/20/15	0950	X			1			X							X						
							1	X										X					
							2	X											X				
	B-17M MS						2				X									X			
	B-17M MSD		0950				3	X						X									
							1		X						X								
							1	X								X							
							1			X							X						
							X	X										X					
							2	X											X				

Sampler's Name:	Richard C Becker	Relinquished By / Affiliation	Date	Time	Accepted By / Affiliation	Date	Time
Sampler's Company:	O+M Enterprises Inc	Richard C Becker O+M Ent	4/20/15	1530			
Shipment Method:	FedEx Express Ship Date: 4/20/15						
Shipment Tracking No:	801301874636				FLE	4/21/15	

Special Instructions:

THIS LINE - LAB USE ONLY: Custody Seals In Place: Yes / No | Temp Blank: Yes / No | Cooler Temp on Receipt: 0.9 °F/C | Trip Blank: Yes / No | MS/MSD Sample Submitted: Yes / No

BP LaMP COC Rev. 8 24 June 2012

12495 / 1555228 / 7856493-500

bp rm

Laboratory Management Program LaMP Chain of Custody Record

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

Lab Name:	Lancaster Laboratories	BP/ARC Facility Address:	2040 Cory Dr.	Consultant/Contractor:	Parsons
Lab Address:	2425 New Holland Pike	City, State, ZIP Code:	Sanborn, NY 14132	Consultant/Contractor Project No:	
Lab PM:	Kaitlin Plasterer	Lead Regulatory Agency:	NYSDEC	Address:	Ste 350, 40 LaRiviere Drive, Buffalo, NY 14202
Lab Phone:	717-656-2300 x1815	California Global ID No.:		Consultant/Contractor PM:	George Hermance
Lab Shipping Accnt:		Enfos Proposal No:	D00B4-0006	Phone:	716-407-4990
Lab Bottle Order No:		Accounting Mode:	Provision 10 OOC-BU OOC-RM	Email EDD To:	george.hermance@parsons.com
Other Info:		Stage: 60	Activity: 81	Invoice To:	BP/ARC X Contractor
BP/ARC EBM:	Michael Teeling				
EBM Phone:	(585) 732-2343				
EBM Email:					

Report Type & QC Level: Standard; Full Data Package X

Lab No.	Sample Description	Date	Time	Matrix: Soil / Solid	Water / Liquid	Air / Vapor	No. Containers / Preservative: Total Number of Containers	Unpreserved	H_2SO_4	HNO_3	HCl		H3PO4	Requested Analyses: VOCs 8260	CBD	BOD	Iron, Manganese	DOC	Sulfate, Chloride, Nitrate, Nitrite		Methane, Ethane, Ethene				Comments
	B-17M MSD	4/20/15	0950		X		2				X										X				
	B-44M		1115		X		3	X						X											
							1		X						X										
							1	X								X									
							1			X							X								
							1	X										X							
							2	X											X						
	B-44M						2				X									X					
	B-43M		1255				3	X						X											
							1		X						X										

Sampler's Name:	Richard C Becker	Relinquished By / Affiliation	Date	Time	Accepted By / Affiliation	Date	Time
Sampler's Company:	O&M Enterprises Inc	Richard C Becker - O&M Ent	4/20/15	1530			
Shipment Method:	FedEx Express Ship Date: 4/20/15					4/20/15	4.22.15
Shipment Tracking No:	801301874636				Burns & McDonnell	4-22-15	420

Special Instructions:

THIS LINE - LAB USE ONLY: Custody Seals In Place: (Yes) / No | Temp Blank: (Yes) / No | Cooler Temp on Receipt: 0.9 °F/C | Trip Blank: (Yes) / No | MS/MSD Sample Submitted: (Yes) / No

BP LaMP COC Rev. 8 24 June 2012

12495/1555228 / 7856493-500

bp rm

Laboratory Management Program LaMP Chain of Custody Record

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

Lab Name:	Lancaster Laboratories	BP/ARC Facility Address:	2040 Com Dr.	Consultant/Contractor:	Parsons
Lab Address:	2425 New Holland Pike	City, State, ZIP Code:	Sanborn, NY 14132	Consultant/Contractor Project No:	
Lab PM:	Kaitlin Plasterer	Lead Regulatory Agency:	NYSDEC	Address:	Ste 350, 40 LaRiviere Drive, Buffalo, NY 14202
Lab Phone:	717-656-2300 x1815	California Global ID No.:		Consultant/Contractor PM:	George Hermance
Lab Shipping Accnt:		Enfos Proposal No:	D00B4-0006	Phone:	716-407-4990
Lab Bottle Order No:		Accounting Mode:	Provision 10 OOC-BU OOC-RM	Email EDD To:	george.hermance@parsons.com
Other Info:		Stage:	60 Activity: 81	Invoice To:	BP/ARC X Contractor
BP/ARC EBM:	Michael Teeling				
EBM Phone:	(585) 732-2843				
EBM Email:					

Lab No.	Sample Description	Date	Time	Soil / Solid	Water / Liquid	Air / Vapor	Total Number of Containers	Unpreserved	H_2SO_4	HNO_3	HCl		H_3PO_4	VOCs 8260	TCO	BOD	Iron, Manganese	Chloride, Nitrate, Sulfate	Matthew, Filter					Comments
	B-43m	4/20/15	1255				1	X								X								
							1			X							X							
							2	X										X						
	B-43m						2				X								X					
	B-42m		1415				3	X						X					X					
							1		X						X									
							1	X								X								
							1			X							X							
							2	X										X						
							2				X								X					

Sampler's Name: Richard C Becken
Sampler's Company: O&M Enterprises Inc
Shipment Method: FedEx Express Ship Date: 4/20/15
Shipment Tracking No: 801301874636

Relinquished By / Affiliation	Date	Time	Accepted By / Affiliation	Date	Time
Richard C Becken O&M Ent	4/20/15	1530			
			Brianely Davila	4-22-15	920

Special Instructions:

THIS LINE - LAB USE ONLY: Custody Seals In Place: Yes / No | Temp Blank: Yes / No | Cooler Temp on Receipt: 0.9 °F/C | Trip Blank: Yes / No | MS/MSD Sample Submitted: Yes / No

BP LaMP COC Rev. 8 24 June 2012

12495 /1555228 /7856493 - 500

bp rm

Laboratory Management Program LaMP Chain of Custody Record

Page 5 of 5

BP/ARC Project Name: BP, Sanborn

BP/ARC Facility No:

Req Due Date (mm/dd/yy):

Lab Work Order Number:

Rush TAT: Yes ___ No X

Lab Name:	Lancaster Laboratories	BP/ARC Facility Address:	2040 Cory Dr ~~East~~	Consultant/Contractor:	Parsons
Lab Address:	2425 New Holland Pike	City, State, ZIP Code:	Sanborn NY 14132	Consultant/Contractor Project No:	
Lab PM:	Kaitlin Plasterer	Lead Regulatory Agency:	NYSDEC	Address:	Ste 350, 40 LaRiviere Drive, Buffalo, NY 14202
Lab Phone:	717-656-2300 x1815	California Global ID No.:		Consultant/Contractor PM:	George Hermance
Lab Shipping Accnt:		Enfos Proposal No:	D00B4-0006	Phone:	716-407-4990
Lab Bottle Order No:		Accounting Mode:	Provision 10 OOC-BU OOC-RM	Email EDD To:	george.hermance@parsons.com
Other Info:		Stage: 60	Activity: 81	Invoice To:	BP/ARC X Contractor
BP/ARC EBM:	Michael Teeling				
EBM Phone:	(585) 732-2343				
EBM Email:					

Report Type & QC Level: Standard; Full Data Package X

Lab No.	Sample Description	Date	Time	Soil / Solid	Water / Liquid	Air / Vapor		Total Number of Containers	Unpreserved	H_2SO_4	HNO_3	HCl	H3PO4	DOC										Comments
	B-42M	4/20/15	1415					1	X					X										
	B-43 M	4/20/15	1255					1	X					X										

Sampler's Name: Richard C Becker

Sampler's Company: O+M Enterprises Inc.

Shipment Method: FedEx Express Ship Date: 4/20/15

Shipment Tracking No: 801301874636

Relinquished By / Affiliation	Date	Time	Accepted By / Affiliation	Date	Time
Richard C Becker O+M Ent.	4/20/15	1530			
			[signature] LLI	4/21/15	920

Special Instructions:

THIS LINE - LAB USE ONLY: Custody Seals In Place: Yes / No | Temp Blank: Yes / No | Cooler Temp on Receipt: 0.9 °F/C | Trip Blank: Yes / No | MS/MSD Sample Submitted: Yes / No

BP LaMP COC Rev. 8 24 June 2012

eurofins | Lancaster Laboratories Environmental

Sample Administration Receipt Documentation Log

Doc Log ID: 66445

Group Number(s): 1555228

Client: Parsons

Delivery and Receipt Information

Delivery Method:	Fed Ex	Arrival Timestamp:	04/22/2015 9:20
Number of Packages:	1	Number of Projects:	1
State/Province of Origin:	NY		

Arrival Condition Summary

Shipping Container Sealed:	Yes	Sample IDs on COC match Containers:	Yes
Custody Seal Present:	Yes	Sample Date/Times match COC:	Yes
Custody Seal Intact:	Yes	VOA Vial Headspace ≥ 6mm:	No
Samples Chilled:	Yes	Total Trip Blank Qty:	2
Paperwork Enclosed:	Yes	Trip Blank Type:	Unpres
Samples Intact:	No	Air Quality Samples Present:	No
Missing Samples:	No		
Extra Samples:	No		
Discrepancy in Container Qty on COC:	No		

Unpacked by Brandy Barclay (2299) at 09:48 on 04/22/2015

Samples Chilled Details

Thermometer Types: DT = Digital (Temp. Bottle) IR = Infrared (Surface Temp) All Temperatures in °C.

Cooler #	Thermometer ID	Corrected Temp	Therm. Type	Ice Type	Ice Present?	Ice Container	Elevated Temp?
1	DT146	0.9	DT	Wet	Y	Bagged	N

Samples Not Intact Details

Sample ID on Label	Bottle Code	Bottle Quantity	Container Salvageable?	Comments
B-17M	40 ml glass vial - HCl	1	N	

2425 New Holland Pike
Lancaster, PA 17605-2425

T | 717-656-2300
F | 717-656-2681
www.LancasterLabs.com

Explanation of Symbols and Abbreviations

The following defines common symbols and abbreviations used in reporting technical data:

RL	Reporting Limit	**BMQL**	Below Minimum Quantitation Level
N.D.	none detected	**MPN**	Most Probable Number
TNTC	Too Numerous To Count	**CP Units**	cobalt-chloroplatinate units
IU	International Units	**NTU**	nephelometric turbidity units
umhos/cm	micromhos/cm	**ng**	nanogram(s)
C	degrees Celsius	**F**	degrees Fahrenheit
meq	milliequivalents	**lb.**	pound(s)
g	gram(s)	**kg**	kilogram(s)
µg	microgram(s)	**mg**	milligram(s)
mL	milliliter(s)	**L**	liter(s)
m3	cubic meter(s)	**µL**	microliter(s)
		pg/L	picogram/liter

<	less than
>	greater than
ppm	parts per million - One ppm is equivalent to one milligram per kilogram (mg/kg) or one gram per million grams. For aqueous liquids, ppm is usually taken to be equivalent to milligrams per liter (mg/l), because one liter of water has a weight very close to a kilogram. For gases or vapors, one ppm is equivalent to one microliter per liter of gas.
ppb	parts per billion
Dry weight basis	Results printed under this heading have been adjusted for moisture content. This increases the analyte weight concentration to approximate the value present in a similar sample without moisture. All other results are reported on an as-received basis.

Laboratory Data Qualifiers:

B - Analyte detected in the blank
C - Result confirmed by reanalysis
E - Concentration exceeds the calibration range
J (or G, I, X) - estimated value ≥ the Method Detection Limit (MDL or DL) and the < Limit of Quantitation (LOQ or RL)
P - Concentration difference between the primary and confirmation column >40%. The lower result is reported.
U - Analyte was not detected at the value indicated
V - Concentration difference between the primary and confirmation column >100%. The reporting limit is raised due to this disparity and evident interference…

Additional Organic and Inorganic CLP qualifiers may be used with Form 1 reports as defined by the CLP methods.
Qualifiers specific to Dioxin/Furans and PCB Congeners are detailed on the individual Analysis Report.

Analytical test results meet all requirements of the associated regulatory program (i.e., NELAC (TNI), DoD, ISO17025) unless otherwise noted under the individual analysis.

Measurement uncertainty values, as applicable, are available upon request.

Tests results relate only to the sample tested. Clients should be aware that a critical step in a chemical or microbiological analysis is the collection of the sample. Unless the sample analyzed is truly representative of the bulk of material involved, the test results will be meaningless. If you have questions regarding the proper techniques of collecting samples, please contact us. We cannot be held responsible for sample integrity, however, unless sampling has been performed by a member of our staff.

Times are local to the area of activity. Parameters listed in the 40 CFR Part 136 Table II as “analyze immediately” are not performed within 15 minutes.

WARRANTY AND LIMITS OF LIABILITY - In accepting analytical work, we warrant the accuracy of test results for the sample as submitted. THE FOREGOING EXPRESS WARRANTY IS EXCLUSIVE AND IS GIVEN IN LIEU OF ALL OTHER WARRANTIES, EXPRESSED OR IMPLIED. WE DISCLAIM ANY OTHER WARRANTIES, EXPRESSED OR IMPLIED, INCLUDING A WARRANTY OF FITNESS FOR PARTICULAR PURPOSE AND WARRANTY OF MERCHANTABILITY. IN NO EVENT SHALL EUROFINS LANCASTER LABORATORIES ENVIRONMENTAL, LLC BE LIABLE FOR INDIRECT, SPECIAL, CONSEQUENTIAL, OR INCIDENTAL DAMAGES INCLUDING, BUT NOT LIMITED TO, DAMAGES FOR LOSS OF PROFIT OR GOODWILL REGARDLESS OF (A) THE NEGLIGENCE (EITHER SOLE OR CONCURRENT) OF EUROFINS LANCASTER LABORATORIES ENVIRONMENTAL AND (B) WHETHER EUROFINS LANCASTER LABORATORIES ENVIRONMENTAL HAS BEEN INFORMED OF THE POSSIBILITY OF SUCH DAMAGES. We accept no legal responsibility for the purposes for which the client uses the test results. No purchase order or other order for work shall be accepted by Eurofins Lancaster Laboratories Environmental which includes any conditions that vary from the Standard Terms and Conditions, and Eurofins Lancaster Laboratories Environmental hereby objects to any conflicting terms contained in any acceptance or order submitted by client.

ANALYTICAL RESULTS

Prepared by:

Eurofins Lancaster Laboratories Environmental
2425 New Holland Pike
Lancaster, PA 17601

Prepared for:

Atlantic Richfield(Parsons-NY)
BP Corporation
501 WestLake Park Blvd
Houston TX 77079

May 01, 2015

Project: BP Sanborn

Submittal Date: 04/22/2015
Group Number: 1555230
PO Number: D00B4-0006
Release Number: TEELING
State of Sample Origin: NY

Client Sample Description	Lancaster Labs (LL) #
B-10M Water	7856502
B-41M Water	7856503
B-40M Water	7856504
B-39M Water	7856505

The specific methodologies used in obtaining the enclosed analytical results are indicated on the Laboratory Sample Analysis Record.

Regulatory agencies do not accredit laboratories for all methods, analytes, and matrices. Our scopes of accreditation can be viewed at http://www.eurofinsus.com/environment-testing/laboratories/eurofins-lancaster-laboratories-environmental/resources/certifications/ .

ELECTRONIC COPY TO	Parsons	Attn: George Hermance
ELECTRONIC COPY TO	Parsons	Attn: Lorraine Weber
ELECTRONIC COPY TO	Parsons	Attn: Eric Felter
ELECTRONIC COPY TO	Parsons	Attn: Doug Taylor

Respectfully Submitted,

Kaitlin N. Plasterer

Kaitlin N. Plasterer
Specialist

(717) 556-7323

Project Name: BP Sanborn
LL Group #: 1555230

General Comments:

Through our technical processes and second person review of data, we have established that our data/deliverables are in compliance with the methods and project requirements unless otherwise noted or previously resolved with the client. The compliance signature is located on the cover page of the Analysis Reports.

See the Laboratory Sample Analysis Record section of the Analysis Report for the method references.

All QC met criteria unless otherwise noted in an Analysis Specific Comment below. Refer to the QC Summary for specific values and acceptance criteria.

Project specific QC samples are not included in this data set

Matrix QC may not be reported if site-specific QC samples were not submitted. In these situations, to demonstrate precision and accuracy at a batch level, a LCS/LCSD was performed, unless otherwise specified in the method.

Surrogate recoveries (if applicable) which are outside of the QC window are confirmed unless attributed to a dilution or otherwise noted in an Analysis Specific Comment below.

The samples were received at the appropriate temperature and in accordance with the chain of custody unless otherwise noted.

Analysis Specific Comments:

SW-846 8260C, GC/MS Volatiles

Batch #: L151151AA (Sample number(s): 7856502-7856505 UNSPK: P856493)

The recovery(ies) for the following analyte(s) in the MS and/or MSD was outside the acceptance window: Vinyl Chloride, 1,1-Dichloroethene, trans-1,2-Dichloroethene, 1,1-Dichloroethane, cis-1,2-Dichloroethene, Trichloroethene, Tetrachloroethene, cis-1,3-Dichloropropene, trans-1,3-Dichloropropene

EPA 300.0, Wet Chemistry

Batch #: 15112667601A (Sample number(s): 7856502-7856505 UNSPK: P856493 BKG: P856493)

The recovery(ies) for the following analyte(s) in the MS was outside the acceptance window: Chloride

EPA 410.4, Wet Chemistry

Batch #: 15113400101B (Sample number(s): 7856502-7856505 UNSPK: P856493 BKG: P856493)

The duplicate RPD for the following analyte(s) exceeded the acceptance window: Chemical Oxygen Demand

Sample Description: B-10M Water
BP Sanborn COC:
2040 Cory Dr - Sanborn, NY

LL Sample # WW 7856502
LL Group # 1555230
Account # 12495

Project Name: BP Sanborn

Collected: 04/21/2015 09:35 by RCB

Submitted: 04/22/2015 09:20
Reported: 05/01/2015 15:03

Atlantic Richfield(Parsons-NY)
BP Corporation
501 WestLake Park Blvd
Houston TX 77079

B-10M

CAT No.	Analysis Name	CAS Number	Result	Method Detection Limit*	Limit of Quantitation	Dilution Factor
GC/MS Volatiles	**SW-846 8260C**		**ug/l**	**ug/l**	**ug/l**	
11997	Benzyl Chloride	100-44-7	N.D.	1.0	5.0	1
11997	Bromobenzene	108-86-1	N.D.	1.0	5.0	1
11997	Bromodichloromethane	75-27-4	N.D.	0.50	1.0	1
11997	Bromoform	75-25-2	N.D.	0.50	4.0	1
11997	Bromomethane	74-83-9	N.D.	0.50	1.0	1
11997	Carbon Tetrachloride	56-23-5	N.D.	0.50	1.0	1
11997	Chlorobenzene	108-90-7	N.D.	0.50	1.0	1
11997	Chloroethane	75-00-3	N.D.	0.50	1.0	1
11997	2-Chloroethyl Vinyl Ether	110-75-8	N.D.	2.0	10	1
	2-Chloroethyl vinyl ether may not be recovered if acid was used to preserve this sample.					
11997	Chloroform	67-66-3	N.D.	0.50	1.0	1
11997	Chloromethane	74-87-3	N.D.	0.50	1.0	1
11997	Dibromochloromethane	124-48-1	N.D.	0.50	1.0	1
11997	Dibromomethane	74-95-3	N.D.	0.50	1.0	1
11997	1,2-Dichlorobenzene	95-50-1	N.D.	1.0	5.0	1
11997	1,3-Dichlorobenzene	541-73-1	N.D.	1.0	5.0	1
11997	1,4-Dichlorobenzene	106-46-7	N.D.	1.0	5.0	1
11997	Dichlorodifluoromethane	75-71-8	N.D.	0.50	1.0	1
11997	1,1-Dichloroethane	75-34-3	N.D.	0.50	1.0	1
11997	1,2-Dichloroethane	107-06-2	N.D.	0.50	1.0	1
11997	1,1-Dichloroethene	75-35-4	N.D.	0.50	1.0	1
11997	cis-1,2-Dichloroethene	156-59-2	3.0	0.50	1.0	1
11997	trans-1,2-Dichloroethene	156-60-5	N.D.	0.50	1.0	1
11997	1,2-Dichloropropane	78-87-5	N.D.	0.50	1.0	1
11997	cis-1,3-Dichloropropene	10061-01-5	N.D.	0.50	1.0	1
11997	trans-1,3-Dichloropropene	10061-02-6	N.D.	0.50	1.0	1
11997	Methylene Chloride	75-09-2	N.D.	2.0	4.0	1
11997	1,1,1,2-Tetrachloroethane	630-20-6	N.D.	0.50	1.0	1
11997	1,1,2,2-Tetrachloroethane	79-34-5	N.D.	0.50	1.0	1
11997	Tetrachloroethene	127-18-4	N.D.	0.50	1.0	1
11997	1,1,1-Trichloroethane	71-55-6	1.9	0.50	1.0	1
11997	1,1,2-Trichloroethane	79-00-5	N.D.	0.50	1.0	1
11997	Trichloroethene	79-01-6	21	0.50	1.0	1
11997	Trichlorofluoromethane	75-69-4	N.D.	0.50	1.0	1
11997	1,2,3-Trichloropropane	96-18-4	N.D.	1.0	5.0	1
11997	Vinyl Chloride	75-01-4	N.D.	0.50	1.0	1
GC Miscellaneous	**RSKSOP-175 modified**		**ug/l**	**ug/l**	**ug/l**	
07105	Ethane	74-84-0	N.D.	1.0	5.0	1
07105	Ethene	74-85-1	N.D.	1.0	5.0	1
07105	Methane	74-82-8	N.D.	3.0	5.0	1
Metals	**SW-846 6010C**		**mg/l**	**mg/l**	**mg/l**	
01754	Iron	7439-89-6	0.152 J	0.0334	0.400	1
07058	Manganese	7439-96-5	0.0013 J	0.00083	0.0100	1
Wet Chemistry	**EPA 300.0**		**mg/l**	**mg/l**	**mg/l**	
00224	Chloride	16887-00-6	105	10.0	20.0	50

*=This limit was used in the evaluation of the final result

Sample Description: **B-10M Water**
BP Sanborn COC:
2040 Cory Dr - Sanborn, NY

LL Sample # WW 7856502
LL Group # 1555230
Account # 12495

Project Name: BP Sanborn

Collected: 04/21/2015 09:35 by RCB

Submitted: 04/22/2015 09:20
Reported: 05/01/2015 15:03

Atlantic Richfield(Parsons-NY)
BP Corporation
501 WestLake Park Blvd
Houston TX 77079

B-10M

CAT No.	Analysis Name	CAS Number	Result	Method Detection Limit*	Limit of Quantitation	Dilution Factor
Wet Chemistry	**EPA 300.0**		**mg/l**	**mg/l**	**mg/l**	
00368	Nitrate Nitrogen	14797-55-8	1.8	0.25	0.50	5
01506	Nitrite Nitrogen	14797-65-0	N.D.	0.25	0.50	5
00228	Sulfate	14808-79-8	81.0	15.0	50.0	50
	EPA 415.1 modified		**mg/l**	**mg/l**	**mg/l**	
07547	Dissolved Organic Carbon	n.a.	1.7	0.50	1.0	1
	EPA 410.4		**mg/l**	**mg/l**	**mg/l**	
04001	Chemical Oxygen Demand	n.a.	N.D.	12.8	50.0	1
	SM 5210 B-2001		**mg/l**	**mg/l**	**mg/l**	
00235	Biochemical Oxygen Demand	n.a.	N.D.	3.7	3.7	1

General Sample Comments

State of New York Certification No. 10670

All QC is compliant unless otherwise noted. Please refer to the Quality Control Summary for overall QC performance data and associated samples.

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
11997	VOCs Parsons' Specs 8260C	SW-846 8260C	1	L151151AA	04/25/2015 15:24	Angela D Sneeringer	1
01163	GC/MS VOA Water Prep	SW-846 5030C	1	L151151AA	04/25/2015 15:24	Angela D Sneeringer	1
07105	Volatile Headspace Hydrocarbon	RSKSOP-175 modified	1	151140011A	04/24/2015 15:40	Tracy A Cole	1
01754	Iron	SW-846 6010C	1	151140635001	04/28/2015 13:08	Eric L Eby	1
07058	Manganese	SW-846 6010C	1	151140635001	04/28/2015 13:08	Eric L Eby	1
10635	ICP-WW, 3005A (tot rec) - U4	SW-846 3005A	1	151140635001	04/27/2015 15:29	James L Mertz	1
00224	Chloride	EPA 300.0	1	15112667601A	04/22/2015 20:41	Drew M Gerhart	50
00368	Nitrate Nitrogen	EPA 300.0	1	15112667601A	04/22/2015 13:48	Drew M Gerhart	5
01506	Nitrite Nitrogen	EPA 300.0	1	15112667601A	04/22/2015 13:48	Drew M Gerhart	5
00228	Sulfate	EPA 300.0	1	15112667601A	04/22/2015 20:41	Drew M Gerhart	50
07547	Dissolved Organic Carbon	EPA 415.1 modified	1	15118049503A	04/28/2015 06:24	James S Mathiot	1
04001	Chemical Oxygen Demand	EPA 410.4	1	15113400101B	04/23/2015 07:40	Susan A Engle	1
00235	Biochemical Oxygen Demand	SM 5210 B-2001	1	15112023502A	04/22/2015 10:35	Susan A Engle	1

*=This limit was used in the evaluation of the final result

Sample Description: B-41M Water
BP Sanborn COC:
2040 Cory Dr - Sanborn, NY

LL Sample # WW 7856503
LL Group # 1555230
Account # 12495

Project Name: BP Sanborn

Collected: 04/21/2015 11:00 by RCB

Submitted: 04/22/2015 09:20
Reported: 05/01/2015 15:03

Atlantic Richfield(Parsons-NY)
BP Corporation
501 WestLake Park Blvd
Houston TX 77079

B-41M

CAT No.	Analysis Name	CAS Number	Result	Method Detection Limit*	Limit of Quantitation	Dilution Factor
GC/MS Volatiles	**SW-846 8260C**		**ug/l**	**ug/l**	**ug/l**	
11997	Benzyl Chloride	100-44-7	N.D.	1.0	5.0	1
11997	Bromobenzene	108-86-1	N.D.	1.0	5.0	1
11997	Bromodichloromethane	75-27-4	N.D.	0.50	1.0	1
11997	Bromoform	75-25-2	N.D.	0.50	4.0	1
11997	Bromomethane	74-83-9	N.D.	0.50	1.0	1
11997	Carbon Tetrachloride	56-23-5	N.D.	0.50	1.0	1
11997	Chlorobenzene	108-90-7	N.D.	0.50	1.0	1
11997	Chloroethane	75-00-3	N.D.	0.50	1.0	1
11997	2-Chloroethyl Vinyl Ether	110-75-8	N.D.	2.0	10	1
	2-Chloroethyl vinyl ether may not be recovered if acid was used to preserve this sample.					
11997	Chloroform	67-66-3	N.D.	0.50	1.0	1
11997	Chloromethane	74-87-3	N.D.	0.50	1.0	1
11997	Dibromochloromethane	124-48-1	N.D.	0.50	1.0	1
11997	Dibromomethane	74-95-3	N.D.	0.50	1.0	1
11997	1,2-Dichlorobenzene	95-50-1	N.D.	1.0	5.0	1
11997	1,3-Dichlorobenzene	541-73-1	N.D.	1.0	5.0	1
11997	1,4-Dichlorobenzene	106-46-7	N.D.	1.0	5.0	1
11997	Dichlorodifluoromethane	75-71-8	N.D.	0.50	1.0	1
11997	1,1-Dichloroethane	75-34-3	N.D.	0.50	1.0	1
11997	1,2-Dichloroethane	107-06-2	N.D.	0.50	1.0	1
11997	1,1-Dichloroethene	75-35-4	N.D.	0.50	1.0	1
11997	cis-1,2-Dichloroethene	156-59-2	8.2	0.50	1.0	1
11997	trans-1,2-Dichloroethene	156-60-5	N.D.	0.50	1.0	1
11997	1,2-Dichloropropane	78-87-5	N.D.	0.50	1.0	1
11997	cis-1,3-Dichloropropene	10061-01-5	N.D.	0.50	1.0	1
11997	trans-1,3-Dichloropropene	10061-02-6	N.D.	0.50	1.0	1
11997	Methylene Chloride	75-09-2	N.D.	2.0	4.0	1
11997	1,1,1,2-Tetrachloroethane	630-20-6	N.D.	0.50	1.0	1
11997	1,1,2,2-Tetrachloroethane	79-34-5	N.D.	0.50	1.0	1
11997	Tetrachloroethene	127-18-4	N.D.	0.50	1.0	1
11997	1,1,1-Trichloroethane	71-55-6	N.D.	0.50	1.0	1
11997	1,1,2-Trichloroethane	79-00-5	N.D.	0.50	1.0	1
11997	Trichloroethene	79-01-6	0.98 J	0.50	1.0	1
11997	Trichlorofluoromethane	75-69-4	N.D.	0.50	1.0	1
11997	1,2,3-Trichloropropane	96-18-4	N.D.	1.0	5.0	1
11997	Vinyl Chloride	75-01-4	N.D.	0.50	1.0	1
GC Miscellaneous	**RSKSOP-175 modified**		**ug/l**	**ug/l**	**ug/l**	
07105	Ethane	74-84-0	N.D.	1.0	5.0	1
07105	Ethene	74-85-1	N.D.	1.0	5.0	1
07105	Methane	74-82-8	N.D.	3.0	5.0	1
Metals	**SW-846 6010C**		**mg/l**	**mg/l**	**mg/l**	
01754	Iron	7439-89-6	0.350 J	0.0334	0.400	1
07058	Manganese	7439-96-5	0.0124	0.00083	0.0100	1
Wet Chemistry	**EPA 300.0**		**mg/l**	**mg/l**	**mg/l**	
00224	Chloride	16887-00-6	75.7	4.0	8.0	20

*=This limit was used in the evaluation of the final result

Sample Description: B-41M Water
BP Sanborn COC:
2040 Cory Dr - Sanborn, NY

LL Sample # WW 7856503
LL Group # 1555230
Account # 12495

Project Name: BP Sanborn

Collected: 04/21/2015 11:00 by RCB

Submitted: 04/22/2015 09:20
Reported: 05/01/2015 15:03

Atlantic Richfield(Parsons-NY)
BP Corporation
501 WestLake Park Blvd
Houston TX 77079

B-41M

CAT No.	Analysis Name	CAS Number	Result	Method Detection Limit*	Limit of Quantitation	Dilution Factor
Wet Chemistry	**EPA 300.0**		**mg/l**	**mg/l**	**mg/l**	
00368	Nitrate Nitrogen	14797-55-8	N.D.	0.25	0.50	5
01506	Nitrite Nitrogen	14797-65-0	N.D.	0.25	0.50	5
00228	Sulfate	14808-79-8	141	6.0	20.0	20
	EPA 415.1 modified		**mg/l**	**mg/l**	**mg/l**	
07547	Dissolved Organic Carbon	n.a.	1.7	0.50	1.0	1
	EPA 410.4		**mg/l**	**mg/l**	**mg/l**	
04001	Chemical Oxygen Demand	n.a.	N.D.	12.8	50.0	1
	SM 5210 B-2001		**mg/l**	**mg/l**	**mg/l**	
00235	Biochemical Oxygen Demand	n.a.	N.D.	3.8	3.8	1

General Sample Comments

State of New York Certification No. 10670

All QC is compliant unless otherwise noted. Please refer to the Quality Control Summary for overall QC performance data and associated samples.

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
11997	VOCs Parsons' Specs 8260C	SW-846 8260C	1	L151151AA	04/25/2015 16:08	Angela D Sneeringer	1
01163	GC/MS VOA Water Prep	SW-846 5030C	1	L151151AA	04/25/2015 16:08	Angela D Sneeringer	1
07105	Volatile Headspace Hydrocarbon	RSKSOP-175 modified	1	151140011A	04/24/2015 16:52	Tracy A Cole	1
01754	Iron	SW-846 6010C	1	151140635001	04/28/2015 13:11	Eric L Eby	1
07058	Manganese	SW-846 6010C	1	151140635001	04/28/2015 13:11	Eric L Eby	1
10635	ICP-WW, 3005A (tot rec) - U4	SW-846 3005A	1	151140635001	04/27/2015 15:29	James L Mertz	1
00224	Chloride	EPA 300.0	1	15112667601A	04/22/2015 20:57	Drew M Gerhart	20
00368	Nitrate Nitrogen	EPA 300.0	1	15112667601A	04/22/2015 13:31	Drew M Gerhart	5
01506	Nitrite Nitrogen	EPA 300.0	1	15112667601A	04/22/2015 13:31	Drew M Gerhart	5
00228	Sulfate	EPA 300.0	1	15112667601A	04/22/2015 20:57	Drew M Gerhart	20
07547	Dissolved Organic Carbon	EPA 415.1 modified	1	15118049503A	04/28/2015 06:52	James S Mathiot	1
04001	Chemical Oxygen Demand	EPA 410.4	1	15113400101B	04/23/2015 07:40	Susan A Engle	1
00235	Biochemical Oxygen Demand	SM 5210 B-2001	1	15112023502A	04/22/2015 10:35	Susan A Engle	1

*=This limit was used in the evaluation of the final result

Sample Description: B-40M Water
BP Sanborn COC:
2040 Cory Dr - Sanborn, NY

LL Sample # WW 7856504
LL Group # 1555230
Account # 12495

Project Name: BP Sanborn

Collected: 04/21/2015 12:35 by RCB

Submitted: 04/22/2015 09:20
Reported: 05/01/2015 15:03

Atlantic Richfield(Parsons-NY)
BP Corporation
501 WestLake Park Blvd
Houston TX 77079

B-40M

CAT No.	Analysis Name	CAS Number	Result	Method Detection Limit*	Limit of Quantitation	Dilution Factor
GC/MS Volatiles	**SW-846 8260C**		**ug/l**	**ug/l**	**ug/l**	
11997	Benzyl Chloride	100-44-7	N.D.	1.0	5.0	1
11997	Bromobenzene	108-86-1	N.D.	1.0	5.0	1
11997	Bromodichloromethane	75-27-4	N.D.	0.50	1.0	1
11997	Bromoform	75-25-2	N.D.	0.50	4.0	1
11997	Bromomethane	74-83-9	N.D.	0.50	1.0	1
11997	Carbon Tetrachloride	56-23-5	N.D.	0.50	1.0	1
11997	Chlorobenzene	108-90-7	N.D.	0.50	1.0	1
11997	Chloroethane	75-00-3	N.D.	0.50	1.0	1
11997	2-Chloroethyl Vinyl Ether	110-75-8	N.D.	2.0	10	1
	2-Chloroethyl vinyl ether may not be recovered if acid was used to preserve this sample.					
11997	Chloroform	67-66-3	N.D.	0.50	1.0	1
11997	Chloromethane	74-87-3	N.D.	0.50	1.0	1
11997	Dibromochloromethane	124-48-1	N.D.	0.50	1.0	1
11997	Dibromomethane	74-95-3	N.D.	0.50	1.0	1
11997	1,2-Dichlorobenzene	95-50-1	N.D.	1.0	5.0	1
11997	1,3-Dichlorobenzene	541-73-1	N.D.	1.0	5.0	1
11997	1,4-Dichlorobenzene	106-46-7	N.D.	1.0	5.0	1
11997	Dichlorodifluoromethane	75-71-8	N.D.	0.50	1.0	1
11997	1,1-Dichloroethane	75-34-3	N.D.	0.50	1.0	1
11997	1,2-Dichloroethane	107-06-2	N.D.	0.50	1.0	1
11997	1,1-Dichloroethene	75-35-4	N.D.	0.50	1.0	1
11997	cis-1,2-Dichloroethene	156-59-2	3.0	0.50	1.0	1
11997	trans-1,2-Dichloroethene	156-60-5	N.D.	0.50	1.0	1
11997	1,2-Dichloropropane	78-87-5	N.D.	0.50	1.0	1
11997	cis-1,3-Dichloropropene	10061-01-5	N.D.	0.50	1.0	1
11997	trans-1,3-Dichloropropene	10061-02-6	N.D.	0.50	1.0	1
11997	Methylene Chloride	75-09-2	N.D.	2.0	4.0	1
11997	1,1,1,2-Tetrachloroethane	630-20-6	N.D.	0.50	1.0	1
11997	1,1,2,2-Tetrachloroethane	79-34-5	N.D.	0.50	1.0	1
11997	Tetrachloroethene	127-18-4	N.D.	0.50	1.0	1
11997	1,1,1-Trichloroethane	71-55-6	N.D.	0.50	1.0	1
11997	1,1,2-Trichloroethane	79-00-5	N.D.	0.50	1.0	1
11997	Trichloroethene	79-01-6	1.9	0.50	1.0	1
11997	Trichlorofluoromethane	75-69-4	N.D.	0.50	1.0	1
11997	1,2,3-Trichloropropane	96-18-4	N.D.	1.0	5.0	1
11997	Vinyl Chloride	75-01-4	N.D.	0.50	1.0	1
GC Miscellaneous	**RSKSOP-175 modified**		**ug/l**	**ug/l**	**ug/l**	
07105	Ethane	74-84-0	N.D.	1.0	5.0	1
07105	Ethene	74-85-1	N.D.	1.0	5.0	1
07105	Methane	74-82-8	14	3.0	5.0	1
Metals	**SW-846 6010C**		**mg/l**	**mg/l**	**mg/l**	
01754	Iron	7439-89-6	0.0649 J	0.0334	0.400	1
07058	Manganese	7439-96-5	0.0260	0.00083	0.0100	1
Wet Chemistry	**EPA 300.0**		**mg/l**	**mg/l**	**mg/l**	
00224	Chloride	16887-00-6	41.8	2.0	4.0	10

*=This limit was used in the evaluation of the final result

Sample Description: **B-40M Water**
BP Sanborn COC:
2040 Cory Dr - Sanborn, NY

LL Sample # WW 7856504
LL Group # 1555230
Account # 12495

Project Name: BP Sanborn

Collected: 04/21/2015 12:35 by RCB

Submitted: 04/22/2015 09:20
Reported: 05/01/2015 15:03

Atlantic Richfield(Parsons-NY)
BP Corporation
501 WestLake Park Blvd
Houston TX 77079

B-40M

CAT No.	Analysis Name	CAS Number	Result	Method Detection Limit*	Limit of Quantitation	Dilution Factor
Wet Chemistry	**EPA 300.0**		**mg/l**	**mg/l**	**mg/l**	
00368	Nitrate Nitrogen	14797-55-8	N.D.	0.25	0.50	5
01506	Nitrite Nitrogen	14797-65-0	N.D.	0.25	0.50	5
00228	Sulfate	14808-79-8	1,100	60.0	200	200
	EPA 415.1 modified		**mg/l**	**mg/l**	**mg/l**	
07547	Dissolved Organic Carbon	n.a.	1.4	0.50	1.0	1
	EPA 410.4		**mg/l**	**mg/l**	**mg/l**	
04001	Chemical Oxygen Demand	n.a.	N.D.	12.8	50.0	1
	SM 5210 B-2001		**mg/l**	**mg/l**	**mg/l**	
00235	Biochemical Oxygen Demand	n.a.	N.D.	9.1	9.1	1

General Sample Comments

State of New York Certification No. 10670

All QC is compliant unless otherwise noted. Please refer to the Quality Control Summary for overall QC performance data and associated samples.

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
11997	VOCs Parsons' Specs 8260C	SW-846 8260C	1	L151151AA	04/25/2015 16:30	Angela D Sneeringer	1
01163	GC/MS VOA Water Prep	SW-846 5030C	1	L151151AA	04/25/2015 16:30	Angela D Sneeringer	1
07105	Volatile Headspace Hydrocarbon	RSKSOP-175 modified	1	151140011A	04/24/2015 17:09	Tracy A Cole	1
01754	Iron	SW-846 6010C	1	151170635001	04/28/2015 18:57	Katlin N Cataldi	1
07058	Manganese	SW-846 6010C	1	151170635001	04/28/2015 18:57	Katlin N Cataldi	1
10635	ICP-WW, 3005A (tot rec) - U4	SW-846 3005A	1	151170635001	04/28/2015 10:59	James L Mertz	1
00224	Chloride	EPA 300.0	1	15112667601A	04/22/2015 21:14	Drew M Gerhart	10
00368	Nitrate Nitrogen	EPA 300.0	1	15112667601A	04/22/2015 11:21	Drew M Gerhart	5
01506	Nitrite Nitrogen	EPA 300.0	1	15112667601A	04/22/2015 11:21	Drew M Gerhart	5
00228	Sulfate	EPA 300.0	1	15112667601A	04/22/2015 21:30	Drew M Gerhart	200
07547	Dissolved Organic Carbon	EPA 415.1 modified	1	15118049503A	04/28/2015 07:06	James S Mathiot	1
04001	Chemical Oxygen Demand	EPA 410.4	1	15113400101B	04/23/2015 07:40	Susan A Engle	1
00235	Biochemical Oxygen Demand	SM 5210 B-2001	1	15112023502A	04/22/2015 10:35	Susan A Engle	1

*=This limit was used in the evaluation of the final result

Sample Description: B-39M Water
BP Sanborn COC:
2040 Cory Dr - Sanborn, NY

LL Sample # WW 7856505
LL Group # 1555230
Account # 12495

Project Name: BP Sanborn

Collected: 04/21/2015 14:00 by RCB

Submitted: 04/22/2015 09:20
Reported: 05/01/2015 15:03

Atlantic Richfield(Parsons-NY)
BP Corporation
501 WestLake Park Blvd
Houston TX 77079

B-39M

CAT No.	Analysis Name	CAS Number	Result	Method Detection Limit*	Limit of Quantitation	Dilution Factor
GC/MS Volatiles	**SW-846 8260C**		**ug/l**	**ug/l**	**ug/l**	
11997	Benzyl Chloride	100-44-7	N.D.	1.0	5.0	1
11997	Bromobenzene	108-86-1	N.D.	1.0	5.0	1
11997	Bromodichloromethane	75-27-4	N.D.	0.50	1.0	1
11997	Bromoform	75-25-2	N.D.	0.50	4.0	1
11997	Bromomethane	74-83-9	N.D.	0.50	1.0	1
11997	Carbon Tetrachloride	56-23-5	N.D.	0.50	1.0	1
11997	Chlorobenzene	108-90-7	N.D.	0.50	1.0	1
11997	Chloroethane	75-00-3	N.D.	0.50	1.0	1
11997	2-Chloroethyl Vinyl Ether	110-75-8	N.D.	2.0	10	1
	2-Chloroethyl vinyl ether may not be recovered if acid was used to preserve this sample.					
11997	Chloroform	67-66-3	N.D.	0.50	1.0	1
11997	Chloromethane	74-87-3	N.D.	0.50	1.0	1
11997	Dibromochloromethane	124-48-1	N.D.	0.50	1.0	1
11997	Dibromomethane	74-95-3	N.D.	0.50	1.0	1
11997	1,2-Dichlorobenzene	95-50-1	N.D.	1.0	5.0	1
11997	1,3-Dichlorobenzene	541-73-1	N.D.	1.0	5.0	1
11997	1,4-Dichlorobenzene	106-46-7	N.D.	1.0	5.0	1
11997	Dichlorodifluoromethane	75-71-8	N.D.	0.50	1.0	1
11997	1,1-Dichloroethane	75-34-3	N.D.	0.50	1.0	1
11997	1,2-Dichloroethane	107-06-2	N.D.	0.50	1.0	1
11997	1,1-Dichloroethene	75-35-4	N.D.	0.50	1.0	1
11997	cis-1,2-Dichloroethene	156-59-2	1.4	0.50	1.0	1
11997	trans-1,2-Dichloroethene	156-60-5	N.D.	0.50	1.0	1
11997	1,2-Dichloropropane	78-87-5	N.D.	0.50	1.0	1
11997	cis-1,3-Dichloropropene	10061-01-5	N.D.	0.50	1.0	1
11997	trans-1,3-Dichloropropene	10061-02-6	N.D.	0.50	1.0	1
11997	Methylene Chloride	75-09-2	N.D.	2.0	4.0	1
11997	1,1,1,2-Tetrachloroethane	630-20-6	N.D.	0.50	1.0	1
11997	1,1,2,2-Tetrachloroethane	79-34-5	N.D.	0.50	1.0	1
11997	Tetrachloroethene	127-18-4	N.D.	0.50	1.0	1
11997	1,1,1-Trichloroethane	71-55-6	N.D.	0.50	1.0	1
11997	1,1,2-Trichloroethane	79-00-5	N.D.	0.50	1.0	1
11997	Trichloroethene	79-01-6	5.9	0.50	1.0	1
11997	Trichlorofluoromethane	75-69-4	N.D.	0.50	1.0	1
11997	1,2,3-Trichloropropane	96-18-4	N.D.	1.0	5.0	1
11997	Vinyl Chloride	75-01-4	N.D.	0.50	1.0	1
GC Miscellaneous	**RSKSOP-175 modified**		**ug/l**	**ug/l**	**ug/l**	
07105	Ethane	74-84-0	N.D.	1.0	5.0	1
07105	Ethene	74-85-1	N.D.	1.0	5.0	1
07105	Methane	74-82-8	N.D.	3.0	5.0	1
Metals	**SW-846 6010C**		**mg/l**	**mg/l**	**mg/l**	
01754	Iron	7439-89-6	N.D.	0.0334	0.400	1
07058	Manganese	7439-96-5	0.0036 J	0.00083	0.0100	1
Wet Chemistry	**EPA 300.0**		**mg/l**	**mg/l**	**mg/l**	
00224	Chloride	16887-00-6	80.8	4.0	8.0	20

*=This limit was used in the evaluation of the final result

Sample Description: **B-39M Water**
BP Sanborn COC:
2040 Cory Dr - Sanborn, NY

LL Sample # WW 7856505
LL Group # 1555230
Account # 12495

Project Name: BP Sanborn

Collected: 04/21/2015 14:00 by RCB

Submitted: 04/22/2015 09:20
Reported: 05/01/2015 15:03

Atlantic Richfield(Parsons-NY)
BP Corporation
501 WestLake Park Blvd
Houston TX 77079

B-39M

CAT No.	Analysis Name	CAS Number	Result	Method Detection Limit*	Limit of Quantitation	Dilution Factor
Wet Chemistry	**EPA 300.0**		**mg/l**	**mg/l**	**mg/l**	
00368	Nitrate Nitrogen	14797-55-8	1.5	0.25	0.50	5
01506	Nitrite Nitrogen	14797-65-0	N.D.	0.25	0.50	5
00228	Sulfate	14808-79-8	89.2	6.0	20.0	20
	EPA 415.1 modified		**mg/l**	**mg/l**	**mg/l**	
07547	Dissolved Organic Carbon	n.a.	2.8	0.50	1.0	1
	EPA 410.4		**mg/l**	**mg/l**	**mg/l**	
04001	Chemical Oxygen Demand	n.a.	N.D.	12.8	50.0	1
	SM 5210 B-2001		**mg/l**	**mg/l**	**mg/l**	
00235	Biochemical Oxygen Demand	n.a.	N.D.	6.4	6.4	1

General Sample Comments

State of New York Certification No. 10670

All QC is compliant unless otherwise noted. Please refer to the Quality Control Summary for overall QC performance data and associated samples.

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
11997	VOCs Parsons' Specs 8260C	SW-846 8260C	1	L151151AA	04/25/2015 16:53	Angela D Sneeringer	1
01163	GC/MS VOA Water Prep	SW-846 5030C	1	L151151AA	04/25/2015 16:53	Angela D Sneeringer	1
07105	Volatile Headspace Hydrocarbon	RSKSOP-175 modified	1	151140011A	04/24/2015 17:28	Tracy A Cole	1
01754	Iron	SW-846 6010C	1	151170635001	04/28/2015 18:38	Katlin N Cataldi	1
07058	Manganese	SW-846 6010C	1	151170635001	04/28/2015 18:38	Katlin N Cataldi	1
10635	ICP-WW, 3005A (tot rec) - U4	SW-846 3005A	1	151170635001	04/28/2015 10:59	James L Mertz	1
00224	Chloride	EPA 300.0	1	15112667601A	04/22/2015 21:46	Drew M Gerhart	20
00368	Nitrate Nitrogen	EPA 300.0	1	15112667601A	04/22/2015 12:59	Drew M Gerhart	5
01506	Nitrite Nitrogen	EPA 300.0	1	15112667601A	04/22/2015 12:59	Drew M Gerhart	5
00228	Sulfate	EPA 300.0	1	15112667601A	04/22/2015 21:46	Drew M Gerhart	20
07547	Dissolved Organic Carbon	EPA 415.1 modified	1	15118049503A	04/28/2015 07:19	James S Mathiot	1
04001	Chemical Oxygen Demand	EPA 410.4	1	15113400101B	04/23/2015 07:40	Susan A Engle	1
00235	Biochemical Oxygen Demand	SM 5210 B-2001	1	15112023502A	04/22/2015 10:35	Susan A Engle	1

*=This limit was used in the evaluation of the final result

Quality Control Summary

Client Name: Atlantic Richfield(Parsons-NY) Group Number: 1555230
Reported: 05/01/2015 15:03

Matrix QC may not be reported if insufficient sample or site-specific QC samples were not submitted. In these situations, to demonstrate precision and accuracy at a batch level, a LCS/LCSD was performed, unless otherwise specified in the method.

All Inorganic Initial Calibration and Continuing Calibration Blanks met acceptable method criteria unless otherwise noted on the Analysis Report.

Laboratory Compliance Quality Control

Analysis Name	Blank Result	Blank MDL**	Blank LOQ	Report Units	LCS %REC	LCSD %REC	LCS/LCSD Limits	RPD	RPD Max
Batch number: L151151AA	Sample number(s): 7856502-7856505								
Benzyl Chloride	N.D.	1.0	5.0	ug/l	90		51-120		
Bromobenzene	N.D.	1.0	5.0	ug/l	106		80-120		
Bromodichloromethane	N.D.	0.50	1.0	ug/l	109		73-120		
Bromoform	N.D.	0.50	4.0	ug/l	100		52-123		
Bromomethane	N.D.	0.50	1.0	ug/l	100		53-130		
Carbon Tetrachloride	N.D.	0.50	1.0	ug/l	113		74-130		
Chlorobenzene	N.D.	0.50	1.0	ug/l	109		80-120		
Chloroethane	N.D.	0.50	1.0	ug/l	115		56-120		
2-Chloroethyl Vinyl Ether	N.D.	2.0	10	ug/l	108		44-143		
Chloroform	N.D.	0.50	1.0	ug/l	113		80-120		
Chloromethane	N.D.	0.50	1.0	ug/l	95		63-120		
Dibromochloromethane	N.D.	0.50	1.0	ug/l	108		72-120		
Dibromomethane	N.D.	0.50	1.0	ug/l	107		80-120		
1,2-Dichlorobenzene	N.D.	1.0	5.0	ug/l	103		80-120		
1,3-Dichlorobenzene	N.D.	1.0	5.0	ug/l	104		80-120		
1,4-Dichlorobenzene	N.D.	1.0	5.0	ug/l	104		80-120		
Dichlorodifluoromethane	N.D.	0.50	1.0	ug/l	98		55-127		
1,1-Dichloroethane	N.D.	0.50	1.0	ug/l	113		80-120		
1,2-Dichloroethane	N.D.	0.50	1.0	ug/l	111		72-127		
1,1-Dichloroethene	N.D.	0.50	1.0	ug/l	114		76-124		
cis-1,2-Dichloroethene	N.D.	0.50	1.0	ug/l	115		80-120		
trans-1,2-Dichloroethene	N.D.	0.50	1.0	ug/l	118		80-120		
1,2-Dichloropropane	N.D.	0.50	1.0	ug/l	113		80-120		
cis-1,3-Dichloropropene	N.D.	0.50	1.0	ug/l	113		80-120		
trans-1,3-Dichloropropene	N.D.	0.50	1.0	ug/l	112		76-120		
Methylene Chloride	N.D.	2.0	4.0	ug/l	112		80-120		
1,1,1,2-Tetrachloroethane	N.D.	0.50	1.0	ug/l	109		80-120		
1,1,2,2-Tetrachloroethane	N.D.	0.50	1.0	ug/l	99		70-120		
Tetrachloroethene	N.D.	0.50	1.0	ug/l	112		80-120		
1,1,1-Trichloroethane	N.D.	0.50	1.0	ug/l	100		66-126		
1,1,2-Trichloroethane	N.D.	0.50	1.0	ug/l	106		80-120		
Trichloroethene	N.D.	0.50	1.0	ug/l	117		80-120		
Trichlorofluoromethane	N.D.	0.50	1.0	ug/l	114		58-135		
1,2,3-Trichloropropane	N.D.	1.0	5.0	ug/l	100		76-120		
Vinyl Chloride	N.D.	0.50	1.0	ug/l	102		69-120		
Batch number: 151140011A	Sample number(s): 7856502-7856505								
Ethane	N.D.	1.0	5.0	ug/l	101		85-115		
Ethene	N.D.	1.0	5.0	ug/l	100		83-115		
Methane	N.D.	3.0	5.0	ug/l	106		85-115		
Batch number: 151140635001	Sample number(s): 7856502-7856503								
Iron	N.D.	0.0334	0.400	mg/l	116		80-120		

*- Outside of specification
**-This limit was used in the evaluation of the final result for the blank
(1) The result for one or both determinations was less than five times the LOQ.
(2) The unspiked result was more than four times the spike added.

Quality Control Summary

Client Name: Atlantic Richfield(Parsons-NY) Group Number: 1555230
Reported: 05/01/2015 15:03

Analysis Name	Blank Result	Blank MDL**	Blank LOQ	Report Units	LCS %REC	LCSD %REC	LCS/LCSD Limits	RPD	RPD Max
Manganese	N.D.	0.00083	0.0100	mg/l	107		80-120		
Batch number: 151170635001	Sample number(s): 7856504-7856505								
Iron	N.D.	0.0334	0.400	mg/l	101		80-120		
Manganese	N.D.	0.00083	0.0100	mg/l	103		80-120		
Batch number: 15112667601A	Sample number(s): 7856502-7856505								
Chloride	N.D.	0.20	0.40	mg/l	93	92	90-110	0	20
Nitrate Nitrogen	N.D.	0.050	0.10	mg/l	99	99	90-110	1	20
Nitrite Nitrogen	N.D.	0.050	0.10	mg/l	97	97	90-110	0	20
Sulfate	N.D.	0.30	1.0	mg/l	99	99	90-110	0	20
Batch number: 15118049503A	Sample number(s): 7856502-7856505								
Dissolved Organic Carbon	N.D.	0.50	1.0	mg/l	101		86-114		
Batch number: 15112023502A	Sample number(s): 7856502-7856505								
Biochemical Oxygen Demand					90		85-115		
Batch number: 15113400101B	Sample number(s): 7856502-7856505								
Chemical Oxygen Demand	N.D.	12.8	50.0	mg/l	99		94-110		

Sample Matrix Quality Control

Unspiked (UNSPK) = the sample used in conjunction with the matrix spike
Background (BKG) = the sample used in conjunction with the duplicate

Analysis Name	MS %REC	MSD %REC	MS/MSD Limits	RPD	RPD MAX	BKG Conc	DUP Conc	DUP RPD	Dup RPD Max
Batch number: L151151AA	Sample number(s): 7856502-7856505 UNSPK: P856493								
Benzyl Chloride	92	93	53-117	1	30				
Bromobenzene	111	111	82-115	0	30				
Bromodichloromethane	119	114	73-125	4	30				
Bromoform	105	103	48-118	2	30				
Bromomethane	100	102	47-129	2	30				
Carbon Tetrachloride	134	128	75-148	5	30				
Chlorobenzene	115	115	87-124	0	30				
Chloroethane	100	107	55-130	7	30				
2-Chloroethyl Vinyl Ether	110	109	10-151	1	30				
Chloroform	121	119	81-134	1	30				
Chloromethane	103	102	61-125	1	30				
Dibromochloromethane	114	113	74-116	1	30				
Dibromomethane	110	109	83-119	1	30				
1,2-Dichlorobenzene	107	109	84-119	2	30				
1,3-Dichlorobenzene	110	111	86-121	1	30				
1,4-Dichlorobenzene	109	109	85-121	1	30				
Dichlorodifluoromethane	125	118	58-156	6	30				
1,1-Dichloroethane	193 (2)	155 (2)	84-129	4	30				
1,2-Dichloroethane	118	112	63-142	5	30				
1,1-Dichloroethene	154*	138*	79-137	4	30				
cis-1,2-Dichloroethene	2586 (2)	1578 (2)	80-141	4	30				
trans-1,2-Dichloroethene	148*	139*	86-131	3	30				
1,2-Dichloropropane	123	120	83-124	2	30				

*- Outside of specification
**-This limit was used in the evaluation of the final result for the blank
(1) The result for one or both determinations was less than five times the LOQ.
(2) The unspiked result was more than four times the spike added.

Quality Control Summary

Client Name: Atlantic Richfield(Parsons-NY) Group Number: 1555230
Reported: 05/01/2015 15:03

Sample Matrix Quality Control

Unspiked (UNSPK) = the sample used in conjunction with the matrix spike
Background (BKG) = the sample used in conjunction with the duplicate

Analysis Name	MS %REC	MSD %REC	MS/MSD Limits	RPD	RPD MAX	BKG Conc	DUP Conc	DUP RPD	Dup RPD Max
cis-1,3-Dichloropropene	121*	119*	70-116	2	30				
trans-1,3-Dichloropropene	121*	118	74-119	2	30				
Methylene Chloride	119	115	78-133	3	30				
1,1,1,2-Tetrachloroethane	115	115	80-123	0	30				
1,1,2,2-Tetrachloroethane	103	103	72-128	0	30				
Tetrachloroethene	141*	131*	80-128	4	30				
1,1,1-Trichloroethane	131	117	69-140	5	30				
1,1,2-Trichloroethane	112	111	71-141	1	30				
Trichloroethene	2064 (2)	1062 (2)	88-133	5	30				
Trichlorofluoromethane	116	120	63-163	3	30				
1,2,3-Trichloropropane	102	103	76-118	1	30				
Vinyl Chloride	494 (2)	247 (2)	66-133	11	30				
Batch number: 151140011A	Sample number(s): 7856502-7856505 UNSPK: P856493								
Ethane	94	95	53-122	2	20				
Ethene	101	104	35-162	2	20				
Methane	93	97	46-129	3	20				
Batch number: 151140635001	Sample number(s): 7856502-7856503 UNSPK: P856493 BKG: P856493								
Iron	105	105	75-125	0	20	0.404	0.421	4 (1)	20
Manganese	104	106	75-125	1	20	0.0537	0.0537	0	20
Batch number: 151170635001	Sample number(s): 7856504-7856505 UNSPK: 7856505 BKG: 7856505								
Iron	101	101	75-125	0	20	N.D.	N.D.	0 (1)	20
Manganese	99	99	75-125	0	20	0.0036 J	0.0034 J	5 (1)	20
Batch number: 15112667601A	Sample number(s): 7856502-7856505 UNSPK: P856493 BKG: P856493								
Chloride	73*		90-110			350	354	1	20
Nitrate Nitrogen	100		90-110			N.D.	N.D.	0 (1)	20
Nitrite Nitrogen	92		90-110			N.D.	N.D.	0 (1)	20
Sulfate	105		90-110			177	175	1 (1)	20
Batch number: 15118049503A	Sample number(s): 7856502-7856505 UNSPK: P856493 BKG: P856493								
Dissolved Organic Carbon	105		54-135			3.5	3.6	2 (1)	2
Batch number: 15112023502A	Sample number(s): 7856502-7856505 UNSPK: P856493 BKG: P856493								
Biochemical Oxygen Demand	86	89	85-115	3	8	N.D.	N.D.	0 (1)	15
Batch number: 15113400101B	Sample number(s): 7856502-7856505 UNSPK: P856493 BKG: P856493								
Chemical Oxygen Demand	99	96	94-110	3	5	19.4 J	21.6 J	11* (1)	9

Surrogate Quality Control

Surrogate recoveries which are outside of the QC window are confirmed
unless attributed to dilution or otherwise noted on the Analysis Report.

Analysis Name: VOCs Parsons' Specs 8260C
Batch number: L151151AA

*- Outside of specification
**-This limit was used in the evaluation of the final result for the blank
(1) The result for one or both determinations was less than five times the LOQ.
(2) The unspiked result was more than four times the spike added.

Quality Control Summary

Client Name: Atlantic Richfield(Parsons-NY) Group Number: 1555230
Reported: 05/01/2015 15:03

Surrogate Quality Control

	Dibromofluoromethane	1,2-Dichloroethane-d4	Toluene-d8	4-Bromofluorobenzene
7856502	100	101	100	99
7856503	102	101	99	99
7856504	102	102	99	100
7856505	99	99	99	98
Blank	100	101	99	99
LCS	102	100	101	100
MS	102	100	101	101
MSD	100	97	102	99
Limits:	80-116	77-113	80-113	78-113

Analysis Name: Volatile Headspace Hydrocarbon
Batch number: 151140011A

	Propene
7856502	81
7856503	85
7856504	75
7856505	72
Blank	101
LCS	103
MS	82
MSD	80
Limits:	47-116

*- Outside of specification
**-This limit was used in the evaluation of the final result for the blank
(1) The result for one or both determinations was less than five times the LOQ.
(2) The unspiked result was more than four times the spike added.

12495 / 1555230 / 7856502-06

bp rm

Laboratory Management Program LaMP Chain of Custody Record

Page 1 of 3

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

Lab Name:	Lancaster Laboratories	BP/ARC Facility Address:	2040 Cory Dr.	Consultant/Contractor:	Parsons
Lab Address:	2425 New Holland Pike	City, State, ZIP Code:	Sanborn, NY 14132	Consultant/Contractor Project No:	
Lab PM:	Kaitlin Plasterer	Lead Regulatory Agency:	NYSDEC	Address:	Ste 350, 40 LaRiviere Drive, Buffalo, NY 14202
Lab Phone:	717-656-2300 x1815	California Global ID No.:		Consultant/Contractor PM:	George Hermance
Lab Shipping Accnt:		Enfos Proposal No:	D00B4-0006	Phone:	716-407-4990
Lab Bottle Order No:		Accounting Mode:	Provision 10 OOC-BU OOC-RM	Email EDD To:	george.hermance@parsons.com
Other Info:		Stage:	60 Activity: 81	Invoice To:	BP/ARC X Contractor
BP/ARC EBM:	Michael Teeling				
EBM Phone:	(585) 732-2343				
EBM Email:					

Lab No.	Sample Description	Date	Time	Soil / Solid	Water / Liquid	Air / Vapor	Total Number of Containers	Unpreserved	H_2SO_4	HNO_3	HCl		H_3PO_4	VOCs 8260	COD	BOD	Iron Manganese	DOC	Chloride Nitrate Nitrite Sulfate	Methane Ethane Ethene	Comments
	B-10 M	4/21/15	0935		X		3	X						X							
							1		X						X						
							1	X								X					
							1			X							X				
							1	X										X			
							2	X											X		
	B-10 M						2				X									X	
	B-41 M		1100				3							X							
							1								X						
							1									X					

Report Type & QC Level: Standard; Full Data Package X

Sampler's Name:	Richard C Becker	Relinquished By / Affiliation	Date	Time	Accepted By / Affiliation / Date / Time
Sampler's Company:	O&M Enterprises Inc.	Richard C Becker O&M Ent.	4/21/15	1515	
Shipment Method:	FedEx Express Ship Date: 4/21/15				
Shipment Tracking No:	804713266944				ELLE 4/22/15 0920

4/22/15 OOC

Special Instructions:

THIS LINE - LAB USE ONLY: Custody Seals In Place: (Yes) / No | Temp Blank: (Yes) / No | Cooler Temp on Receipt: 2.9 °F/C | Trip Blank: (Yes) / No | MS/MSD Sample Submitted: Yes / (No)

BP LaMP COC Rev. 8 24 June 2012

12495 / 1555230 / 7856502-06

bp rm

Laboratory Management Program LaMP Chain of Custody Record

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

Lab Name:	Lancaster Laboratories	BP/ARC Facility Address:	2040 Cory Dr.	Consultant/Contractor:	Parsons
Lab Address:	2425 New Holland Pike	City, State, ZIP Code:	Sanborn, NY 14132	Consultant/Contractor Project No:	
Lab PM:	Kaitlin Plasterer	Lead Regulatory Agency:	NYSDEC	Address:	Ste 350, 40 LaRiviere Drive, Buffalo, NY 14202
Lab Phone:	717-656-2300 x1815	California Global ID No.:		Consultant/Contractor PM:	George Hermance
Lab Shipping Accnt:		Enfos Proposal No:	D0084-0006	Phone:	716-407-4990
Lab Bottle Order No:		Accounting Mode:	Provision 10 OOC-BU OOC-RM	Email EDD To:	george.hermance@parsons.com
Other Info:		Stage: 60	Activity: 81	Invoice To:	BP/ARC X Contractor
BP/ARC EBM:	Michael Teeling				
EBM Phone:	(585) 732-2343				
EBM Email:					

Lab No.	Sample Description	Date	Time	Soil / Solid	Water / Liquid	Air / Vapor	Total Number of Containers	Unpreserved	H_2SO_4	HNO_3	HCl		H_3PO_4	VOCs 8260	COD	BOD	Iron, Manganese	DOC	Chloride, Nitrate, Nitrite, Sulfate	Methane, Ethane, Ethene				Comments
	B-41M	4/21/15	1100		X		1			X							X							
							1	X										X						
							2	X											X					
	B-41M						2				X									X				
	B-40M		1235				3	X						X										
							1		X						X									
							1	X								X								
							1			X							X							
							1	X										X						
							2	X											X					

Sampler's Name:	Richard C Becker	Relinquished By / Affiliation	Date	Time	Accepted By / Affiliation	Date	Time
Sampler's Company:	Orm Enterprises Inc.	Richard C Becker ORM Ent.	4/21/15	1515			
Shipment Method:	FedEx Express Ship Date: 4/21/15						
Shipment Tracking No:	804713266944				EUE	4/22/15	0920

Special Instructions:

THIS LINE - LAB USE ONLY: Custody Seals In Place: Yes / No | Temp Blank: Yes / No | Cooler Temp on Receipt: 2.9 °F/C | Trip Blank: Yes / No | MS/MSD Sample Submitted: Yes / No

BP LaMP COC Rev. 8 24 June 2012

12495/1555230/7856502-06

bp rm

Laboratory Management Program LaMP Chain of Custody Record

Page 3 of 3

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:	Lancaster Laboratories	BP/ARC Facility Address:	2040 Cory Dr.	Consultant/Contractor:	Parsons
Lab Address:	2425 New Holland Pike	City, State, ZIP Code:	Sanborn, NY 14132	Consultant/Contractor Project No:	
Lab PM:	Kaitlin Plasterer	Lead Regulatory Agency:	NYSDEC	Address:	Ste 350, 40 LaRiviere Drive, Buffalo, NY 14202
Lab Phone:	717-656-2300 x1815	California Global ID No.:		Consultant/Contractor PM:	George Hermance
Lab Shipping Accnt:		Enfos Proposal No:	D0084-0006	Phone:	716-407-4990
Lab Bottle Order No:		Accounting Mode:	Provision 10 OOC-BU OOC-RM	Email EDD To:	george.hermance@parsons.com
Other Info:		Stage: 60	Activity: 81	Invoice To:	BP/ARC X Contractor
BP/ARC EBM:	Michael Teeling				
EBM Phone:	(585) 732-2343				
EBM Email:					

Lab No.	Sample Description	Date	Time	Soil / Solid	Water / Liquid	Air / Vapor		Total Number of Containers	Unpreserved	H_2SO_4	HNO_3	HCl		H_3PO_4	VOCs 8260	COD	BOD	Total Manganese	DOC	Chloride, Nitrate, Nitrite, Sulfate	Methane, Ethane, Ethene				Comments
	B-40 M	4/21/15	1235					2				X									X				
	B-39 M		1400					3	X						X										
								1		X						X									
								1	X								X								
								1			X							X							
								1	X										2						
								2	X											X					
	B-39 M							2				X									X				

Sampler's Name:	Richard C Becker	Relinquished By / Affiliation	Date	Time	Accepted By / Affiliation	Date	Time
Sampler's Company:	O+M Enterprises LLC			1515			
Shipment Method:	FedEx Express Ship Date: 4/21/15						
Shipment Tracking No:	804713266944				ECLE	4/22/15	0920

Special Instructions:

THIS LINE - LAB USE ONLY: Custody Seals In Place: Yes / No | Temp Blank: Yes / No | Cooler Temp on Receipt: 2.9 °F/C | Trip Blank: Yes / No | MS/MSD Sample Submitted: Yes / No

BP LaMP COC Rev. 8 24 June 2012

eurofins | Lancaster Laboratories Environmental

Sample Administration Receipt Documentation Log

Doc Log ID: 66448

Group Number(s): 1555230

Client: BP

BP SANBORN

Delivery and Receipt Information

Delivery Method:	Fed Ex	Arrival Timestamp:	04/22/2015 9:20
Number of Packages:	1	Number of Projects:	1
State/Province of Origin:	NY		

Arrival Condition Summary

Shipping Container Sealed:	Yes	Sample IDs on COC match Containers:	Yes
Custody Seal Present:	Yes	Sample Date/Times match COC:	Yes
Custody Seal Intact:	Yes	VOA Vial Headspace ≥ 6mm:	No
Samples Chilled:	Yes	Total Trip Blank Qty:	2
Paperwork Enclosed:	Yes	Trip Blank Type:	NP
Samples Intact:	Yes	Air Quality Samples Present:	No
Missing Samples:	No		
Extra Samples:	No		
Discrepancy in Container Qty on COC:	No		

Unpacked by Corey Eshleman (3647) at 10:00 on 04/22/2015

Samples Chilled Details: BP SANBORN

Thermometer Types: DT = Digital (Temp. Bottle) IR = Infrared (Surface Temp) All Temperatures in °C.

Cooler #	Thermometer ID	Corrected Temp	Therm. Type	Ice Type	Ice Present?	Ice Container	Elevated Temp?
1	DT146	2.9	DT	Wet	Y	Bagged	N

2425 New Holland Pike
Lancaster, PA 17605-2425

T | 717-656-2300
F | 717-656-2681
www.LancasterLabs.com

Explanation of Symbols and Abbreviations

The following defines common symbols and abbreviations used in reporting technical data:

RL	Reporting Limit	**BMQL**	Below Minimum Quantitation Level
N.D.	none detected	**MPN**	Most Probable Number
TNTC	Too Numerous To Count	**CP Units**	cobalt-chloroplatinate units
IU	International Units	**NTU**	nephelometric turbidity units
umhos/cm	micromhos/cm	**ng**	nanogram(s)
C	degrees Celsius	**F**	degrees Fahrenheit
meq	milliequivalents	**lb.**	pound(s)
g	gram(s)	**kg**	kilogram(s)
µg	microgram(s)	**mg**	milligram(s)
mL	milliliter(s)	**L**	liter(s)
m3	cubic meter(s)	**µL**	microliter(s)
		pg/L	picogram/liter

<	less than
>	greater than
ppm	parts per million - One ppm is equivalent to one milligram per kilogram (mg/kg) or one gram per million grams. For aqueous liquids, ppm is usually taken to be equivalent to milligrams per liter (mg/l), because one liter of water has a weight very close to a kilogram. For gases or vapors, one ppm is equivalent to one microliter per liter of gas.
ppb	parts per billion
Dry weight basis	Results printed under this heading have been adjusted for moisture content. This increases the analyte weight concentration to approximate the value present in a similar sample without moisture. All other results are reported on an as-received basis.

Laboratory Data Qualifiers:

B - Analyte detected in the blank
C - Result confirmed by reanalysis
E - Concentration exceeds the calibration range
J (or G, I, X) - estimated value ≥ the Method Detection Limit (MDL or DL) and the < Limit of Quantitation (LOQ or RL)
P - Concentration difference between the primary and confirmation column >40%. The lower result is reported.
U - Analyte was not detected at the value indicated
V - Concentration difference between the primary and confirmation column >100%. The reporting limit is raised due to this disparity and evident interference…

Additional Organic and Inorganic CLP qualifiers may be used with Form 1 reports as defined by the CLP methods.
Qualifiers specific to Dioxin/Furans and PCB Congeners are detailed on the individual Analysis Report.

Analytical test results meet all requirements of the associated regulatory program (i.e., NELAC (TNI), DoD, ISO17025) unless otherwise noted under the individual analysis.

Measurement uncertainty values, as applicable, are available upon request.

Tests results relate only to the sample tested. Clients should be aware that a critical step in a chemical or microbiological analysis is the collection of the sample. Unless the sample analyzed is truly representative of the bulk of material involved, the test results will be meaningless. If you have questions regarding the proper techniques of collecting samples, please contact us. We cannot be held responsible for sample integrity, however, unless sampling has been performed by a member of our staff.

Times are local to the area of activity. Parameters listed in the 40 CFR Part 136 Table II as “analyze immediately” are not performed within 15 minutes.

WARRANTY AND LIMITS OF LIABILITY - In accepting analytical work, we warrant the accuracy of test results for the sample as submitted. THE FOREGOING EXPRESS WARRANTY IS EXCLUSIVE AND IS GIVEN IN LIEU OF ALL OTHER WARRANTIES, EXPRESSED OR IMPLIED. WE DISCLAIM ANY OTHER WARRANTIES, EXPRESSED OR IMPLIED, INCLUDING A WARRANTY OF FITNESS FOR PARTICULAR PURPOSE AND WARRANTY OF MERCHANTABILITY. IN NO EVENT SHALL EUROFINS LANCASTER LABORATORIES ENVIRONMENTAL, LLC BE LIABLE FOR INDIRECT, SPECIAL, CONSEQUENTIAL, OR INCIDENTAL DAMAGES INCLUDING, BUT NOT LIMITED TO, DAMAGES FOR LOSS OF PROFIT OR GOODWILL REGARDLESS OF (A) THE NEGLIGENCE (EITHER SOLE OR CONCURRENT) OF EUROFINS LANCASTER LABORATORIES ENVIRONMENTAL AND (B) WHETHER EUROFINS LANCASTER LABORATORIES ENVIRONMENTAL HAS BEEN INFORMED OF THE POSSIBILITY OF SUCH DAMAGES. We accept no legal responsibility for the purposes for which the client uses the test results. No purchase order or other order for work shall be accepted by Eurofins Lancaster Laboratories Environmental which includes any conditions that vary from the Standard Terms and Conditions, and Eurofins Lancaster Laboratories Environmental hereby objects to any conflicting terms contained in any acceptance or order submitted by client.

ANALYTICAL RESULTS

Prepared by:

Eurofins Lancaster Laboratories Environmental
2425 New Holland Pike
Lancaster, PA 17601

Prepared for:

Atlantic Richfield(Parsons-NY)
BP Corporation
501 WestLake Park Blvd
Houston TX 77079

May 01, 2015

Project: BP Sanborn

Submittal Date: 04/23/2015
Group Number: 1555591
PO Number: D00B4-0006
Release Number: TEELING
State of Sample Origin: NY

Client Sample Description	Lancaster Labs (LL) #
B-22M Water	7858498
B-23M Water	7858499
B-8M Water	7858500
Field Dup #3 Water	7858501

The specific methodologies used in obtaining the enclosed analytical results are indicated on the Laboratory Sample Analysis Record.

Regulatory agencies do not accredit laboratories for all methods, analytes, and matrices. Our scopes of accreditation can be viewed at http://www.eurofinsus.com/environment-testing/laboratories/eurofins-lancaster-laboratories-environmental/resources/certifications/ .

ELECTRONIC COPY TO	Parsons	Attn: George Hermance
ELECTRONIC COPY TO	Parsons	Attn: Lorraine Weber
ELECTRONIC COPY TO	Parsons	Attn: Eric Felter
ELECTRONIC COPY TO	Parsons	Attn: Doug Taylor

Respectfully Submitted,

Kaitlin N. Plasterer

Kaitlin N. Plasterer
Specialist

(717) 556-7323

Project Name: BP Sanborn
LL Group #: 1555591

General Comments:

Through our technical processes and second person review of data, we have established that our data/deliverables are in compliance with the methods and project requirements unless otherwise noted or previously resolved with the client. The compliance signature is located on the cover page of the Analysis Reports.

See the Laboratory Sample Analysis Record section of the Analysis Report for the method references.

All QC met criteria unless otherwise noted in an Analysis Specific Comment below. Refer to the QC Summary for specific values and acceptance criteria.

Project specific QC samples are not included in this data set

Matrix QC may not be reported if site-specific QC samples were not submitted. In these situations, to demonstrate precision and accuracy at a batch level, a LCS/LCSD was performed, unless otherwise specified in the method.

Surrogate recoveries (if applicable) which are outside of the QC window are confirmed unless attributed to a dilution or otherwise noted in an Analysis Specific Comment below.

The samples were received at the appropriate temperature and in accordance with the chain of custody unless otherwise noted.

Analysis Specific Comments:

SW-846 8260C, GC/MS Volatiles

Batch #: L151151AA (Sample number(s): 7858498-7858501 UNSPK: P856493)

The recovery(ies) for the following analyte(s) in the MS and/or MSD was outside the acceptance window: Vinyl Chloride, 1,1-Dichloroethene, trans-1,2-Dichloroethene, 1,1-Dichloroethane, cis-1,2-Dichloroethene, Trichloroethene, Tetrachloroethene, cis-1,3-Dichloropropene, trans-1,3-Dichloropropene

EPA 415.1 modified, Wet Chemistry

Batch #: 15120049501A (Sample number(s): 7858498-7858501 UNSPK: P857720 BKG: P857720)

The duplicate RPD for the following analyte(s) exceeded the acceptance window: Dissolved Organic Carbon

Sample Description: B-22M Water
BP Sanborn COC:
2040 Cory Dr - Sanborn, NY

LL Sample # WW 7858498
LL Group # 1555591
Account # 12495

Project Name: BP Sanborn

Collected: 04/22/2015 09:40 by RCB

Submitted: 04/23/2015 09:10
Reported: 05/01/2015 15:04

Atlantic Richfield(Parsons-NY)
BP Corporation
501 WestLake Park Blvd
Houston TX 77079

B-22M

CAT No.	Analysis Name	CAS Number	Result	Method Detection Limit*	Limit of Quantitation	Dilution Factor
GC/MS Volatiles	**SW-846 8260C**		**ug/l**	**ug/l**	**ug/l**	
11997	Benzyl Chloride	100-44-7	N.D.	1.0	5.0	1
11997	Bromobenzene	108-86-1	N.D.	1.0	5.0	1
11997	Bromodichloromethane	75-27-4	N.D.	0.50	1.0	1
11997	Bromoform	75-25-2	N.D.	0.50	4.0	1
11997	Bromomethane	74-83-9	N.D.	0.50	1.0	1
11997	Carbon Tetrachloride	56-23-5	N.D.	0.50	1.0	1
11997	Chlorobenzene	108-90-7	N.D.	0.50	1.0	1
11997	Chloroethane	75-00-3	N.D.	0.50	1.0	1
11997	2-Chloroethyl Vinyl Ether	110-75-8	N.D.	2.0	10	1
	2-Chloroethyl vinyl ether may not be recovered if acid was used to preserve this sample.					
11997	Chloroform	67-66-3	N.D.	0.50	1.0	1
11997	Chloromethane	74-87-3	N.D.	0.50	1.0	1
11997	Dibromochloromethane	124-48-1	N.D.	0.50	1.0	1
11997	Dibromomethane	74-95-3	N.D.	0.50	1.0	1
11997	1,2-Dichlorobenzene	95-50-1	N.D.	1.0	5.0	1
11997	1,3-Dichlorobenzene	541-73-1	N.D.	1.0	5.0	1
11997	1,4-Dichlorobenzene	106-46-7	N.D.	1.0	5.0	1
11997	Dichlorodifluoromethane	75-71-8	N.D.	0.50	1.0	1
11997	1,1-Dichloroethane	75-34-3	N.D.	0.50	1.0	1
11997	1,2-Dichloroethane	107-06-2	N.D.	0.50	1.0	1
11997	1,1-Dichloroethene	75-35-4	N.D.	0.50	1.0	1
11997	cis-1,2-Dichloroethene	156-59-2	81	0.50	1.0	1
11997	trans-1,2-Dichloroethene	156-60-5	2.8	0.50	1.0	1
11997	1,2-Dichloropropane	78-87-5	N.D.	0.50	1.0	1
11997	cis-1,3-Dichloropropene	10061-01-5	N.D.	0.50	1.0	1
11997	trans-1,3-Dichloropropene	10061-02-6	N.D.	0.50	1.0	1
11997	Methylene Chloride	75-09-2	N.D.	2.0	4.0	1
11997	1,1,1,2-Tetrachloroethane	630-20-6	N.D.	0.50	1.0	1
11997	1,1,2,2-Tetrachloroethane	79-34-5	N.D.	0.50	1.0	1
11997	Tetrachloroethene	127-18-4	N.D.	0.50	1.0	1
11997	1,1,1-Trichloroethane	71-55-6	N.D.	0.50	1.0	1
11997	1,1,2-Trichloroethane	79-00-5	N.D.	0.50	1.0	1
11997	Trichloroethene	79-01-6	29	0.50	1.0	1
11997	Trichlorofluoromethane	75-69-4	N.D.	0.50	1.0	1
11997	1,2,3-Trichloropropane	96-18-4	N.D.	1.0	5.0	1
11997	Vinyl Chloride	75-01-4	N.D.	0.50	1.0	1
GC Miscellaneous	**RSKSOP-175 modified**		**ug/l**	**ug/l**	**ug/l**	
07105	Ethane	74-84-0	N.D.	1.0	5.0	1
07105	Ethene	74-85-1	N.D.	1.0	5.0	1
07105	Methane	74-82-8	N.D.	3.0	5.0	1
Metals	**SW-846 6010C**		**mg/l**	**mg/l**	**mg/l**	
01754	Iron	7439-89-6	0.157 J	0.0334	0.400	1
07058	Manganese	7439-96-5	0.0038 J	0.00083	0.0100	1
Wet Chemistry	**EPA 300.0**		**mg/l**	**mg/l**	**mg/l**	
00224	Chloride	16887-00-6	88.7	4.0	8.0	20

*=This limit was used in the evaluation of the final result

Sample Description: B-22M Water
BP Sanborn COC:
2040 Cory Dr - Sanborn, NY

LL Sample # WW 7858498
LL Group # 1555591
Account # 12495

Project Name: BP Sanborn

Collected: 04/22/2015 09:40 by RCB

Submitted: 04/23/2015 09:10
Reported: 05/01/2015 15:04

Atlantic Richfield(Parsons-NY)
BP Corporation
501 WestLake Park Blvd
Houston TX 77079

B-22M

CAT No.	Analysis Name	CAS Number	Result	Method Detection Limit*	Limit of Quantitation	Dilution Factor
Wet Chemistry	**EPA 300.0**		**mg/l**	**mg/l**	**mg/l**	
00368	Nitrate Nitrogen	14797-55-8	N.D.	0.25	0.50	5
01506	Nitrite Nitrogen	14797-65-0	N.D.	0.25	0.50	5
00228	Sulfate	14808-79-8	259	6.0	20.0	20
	EPA 415.1 modified		**mg/l**	**mg/l**	**mg/l**	
07547	Dissolved Organic Carbon	n.a.	2.2	0.50	1.0	1
	EPA 410.4		**mg/l**	**mg/l**	**mg/l**	
04001	Chemical Oxygen Demand	n.a.	N.D.	12.8	50.0	1
	SM 5210 B-2001		**mg/l**	**mg/l**	**mg/l**	
00235	Biochemical Oxygen Demand	n.a.	N.D.	3.9	3.9	1

General Sample Comments

State of New York Certification No. 10670

All QC is compliant unless otherwise noted. Please refer to the Quality Control Summary for overall QC performance data and associated samples.

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
11997	VOCs Parsons' Specs 8260C	SW-846 8260C	1	L151151AA	04/25/2015 17:15	Angela D Sneeringer	1
01163	GC/MS VOA Water Prep	SW-846 5030C	1	L151151AA	04/25/2015 17:15	Angela D Sneeringer	1
07105	Volatile Headspace Hydrocarbon	RSKSOP-175 modified	1	151140011A	04/24/2015 17:46	Tracy A Cole	1
01754	Iron	SW-846 6010C	1	151170635001	04/28/2015 19:10	Katlin N Cataldi	1
07058	Manganese	SW-846 6010C	1	151170635001	04/28/2015 19:10	Katlin N Cataldi	1
10635	ICP-WW, 3005A (tot rec) - U4	SW-846 3005A	1	151170635001	04/28/2015 10:59	James L Mertz	1
00224	Chloride	EPA 300.0	1	15113667151A	04/23/2015 16:09	Drew M Gerhart	20
00368	Nitrate Nitrogen	EPA 300.0	1	15113667151A	04/23/2015 12:25	Drew M Gerhart	5
01506	Nitrite Nitrogen	EPA 300.0	1	15113667151A	04/23/2015 12:25	Drew M Gerhart	5
00228	Sulfate	EPA 300.0	1	15113667151A	04/23/2015 16:09	Drew M Gerhart	20
07547	Dissolved Organic Carbon	EPA 415.1 modified	1	15120049501A	04/30/2015 05:50	James S Mathiot	1
04001	Chemical Oxygen Demand	EPA 410.4	1	15114400101B	04/24/2015 06:50	Susan A Engle	1
00235	Biochemical Oxygen Demand	SM 5210 B-2001	1	15114023501A	04/24/2015 07:10	Susan E Hibner	1

*=This limit was used in the evaluation of the final result

Sample Description: B-23M Water
BP Sanborn COC:
2040 Cory Dr - Sanborn, NY

LL Sample # WW 7858499
LL Group # 1555591
Account # 12495

Project Name: BP Sanborn

Collected: 04/22/2015 11:15 by RCB

Submitted: 04/23/2015 09:10
Reported: 05/01/2015 15:04

Atlantic Richfield(Parsons-NY)
BP Corporation
501 WestLake Park Blvd
Houston TX 77079

B-23M

CAT No.	Analysis Name	CAS Number	Result		Method Detection Limit*	Limit of Quantitation	Dilution Factor
GC/MS Volatiles	**SW-846 8260C**		**ug/l**		**ug/l**	**ug/l**	
11997	Benzyl Chloride	100-44-7	N.D.		1.0	5.0	1
11997	Bromobenzene	108-86-1	N.D.		1.0	5.0	1
11997	Bromodichloromethane	75-27-4	N.D.		0.50	1.0	1
11997	Bromoform	75-25-2	N.D.		0.50	4.0	1
11997	Bromomethane	74-83-9	N.D.		0.50	1.0	1
11997	Carbon Tetrachloride	56-23-5	N.D.		0.50	1.0	1
11997	Chlorobenzene	108-90-7	N.D.		0.50	1.0	1
11997	Chloroethane	75-00-3	N.D.		0.50	1.0	1
11997	2-Chloroethyl Vinyl Ether	110-75-8	N.D.		2.0	10	1
	2-Chloroethyl vinyl ether may not be recovered if acid was used to preserve this sample.						
11997	Chloroform	67-66-3	N.D.		0.50	1.0	1
11997	Chloromethane	74-87-3	N.D.		0.50	1.0	1
11997	Dibromochloromethane	124-48-1	N.D.		0.50	1.0	1
11997	Dibromomethane	74-95-3	N.D.		0.50	1.0	1
11997	1,2-Dichlorobenzene	95-50-1	N.D.		1.0	5.0	1
11997	1,3-Dichlorobenzene	541-73-1	N.D.		1.0	5.0	1
11997	1,4-Dichlorobenzene	106-46-7	N.D.		1.0	5.0	1
11997	Dichlorodifluoromethane	75-71-8	N.D.		0.50	1.0	1
11997	1,1-Dichloroethane	75-34-3	1.6		0.50	1.0	1
11997	1,2-Dichloroethane	107-06-2	N.D.		0.50	1.0	1
11997	1,1-Dichloroethene	75-35-4	0.60	J	0.50	1.0	1
11997	cis-1,2-Dichloroethene	156-59-2	190		0.50	1.0	1
11997	trans-1,2-Dichloroethene	156-60-5	1.4		0.50	1.0	1
11997	1,2-Dichloropropane	78-87-5	N.D.		0.50	1.0	1
11997	cis-1,3-Dichloropropene	10061-01-5	N.D.		0.50	1.0	1
11997	trans-1,3-Dichloropropene	10061-02-6	N.D.		0.50	1.0	1
11997	Methylene Chloride	75-09-2	N.D.		2.0	4.0	1
11997	1,1,1,2-Tetrachloroethane	630-20-6	N.D.		0.50	1.0	1
11997	1,1,2,2-Tetrachloroethane	79-34-5	N.D.		0.50	1.0	1
11997	Tetrachloroethene	127-18-4	N.D.		0.50	1.0	1
11997	1,1,1-Trichloroethane	71-55-6	N.D.		0.50	1.0	1
11997	1,1,2-Trichloroethane	79-00-5	N.D.		0.50	1.0	1
11997	Trichloroethene	79-01-6	62		0.50	1.0	1
11997	Trichlorofluoromethane	75-69-4	N.D.		0.50	1.0	1
11997	1,2,3-Trichloropropane	96-18-4	N.D.		1.0	5.0	1
11997	Vinyl Chloride	75-01-4	3.1		0.50	1.0	1
GC Miscellaneous	**RSKSOP-175 modified**		**ug/l**		**ug/l**	**ug/l**	
07105	Ethane	74-84-0	N.D.		1.0	5.0	1
07105	Ethene	74-85-1	N.D.		1.0	5.0	1
07105	Methane	74-82-8	N.D.		3.0	5.0	1
Metals	**SW-846 6010C**		**mg/l**		**mg/l**	**mg/l**	
01754	Iron	7439-89-6	0.969		0.0334	0.400	1
07058	Manganese	7439-96-5	0.0281		0.00083	0.0100	1
Wet Chemistry	**EPA 300.0**		**mg/l**		**mg/l**	**mg/l**	
00224	Chloride	16887-00-6	63.2		4.0	8.0	20

*=This limit was used in the evaluation of the final result

Sample Description: **B-23M Water**
BP Sanborn COC:
2040 Cory Dr - Sanborn, NY

LL Sample # WW 7858499
LL Group # 1555591
Account # 12495

Project Name: BP Sanborn

Collected: 04/22/2015 11:15 by RCB

Submitted: 04/23/2015 09:10
Reported: 05/01/2015 15:04

Atlantic Richfield(Parsons-NY)
BP Corporation
501 WestLake Park Blvd
Houston TX 77079

B-23M

CAT No.	Analysis Name	CAS Number	Result	Method Detection Limit*	Limit of Quantitation	Dilution Factor
Wet Chemistry	**EPA 300.0**		**mg/l**	**mg/l**	**mg/l**	
00368	Nitrate Nitrogen	14797-55-8	N.D.	0.25	0.50	5
01506	Nitrite Nitrogen	14797-65-0	N.D.	0.25	0.50	5
00228	Sulfate	14808-79-8	164	6.0	20.0	20
	EPA 415.1 modified		**mg/l**	**mg/l**	**mg/l**	
07547	Dissolved Organic Carbon	n.a.	1.9	0.50	1.0	1
	EPA 410.4		**mg/l**	**mg/l**	**mg/l**	
04001	Chemical Oxygen Demand	n.a.	N.D.	12.8	50.0	1
	SM 5210 B-2001		**mg/l**	**mg/l**	**mg/l**	
00235	Biochemical Oxygen Demand	n.a.	N.D.	3.7	3.7	1

General Sample Comments

State of New York Certification No. 10670

All QC is compliant unless otherwise noted. Please refer to the Quality Control Summary for overall QC performance data and associated samples.

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
11997	VOCs Parsons' Specs 8260C	SW-846 8260C	1	L151151AA	04/25/2015 17:37	Angela D Sneeringer	1
01163	GC/MS VOA Water Prep	SW-846 5030C	1	L151151AA	04/25/2015 17:37	Angela D Sneeringer	1
07105	Volatile Headspace Hydrocarbon	RSKSOP-175 modified	1	151140011A	04/24/2015 18:03	Tracy A Cole	1
01754	Iron	SW-846 6010C	1	151170635001	04/28/2015 19:14	Katlin N Cataldi	1
07058	Manganese	SW-846 6010C	1	151170635001	04/28/2015 19:14	Katlin N Cataldi	1
10635	ICP-WW, 3005A (tot rec) - U4	SW-846 3005A	1	151170635001	04/28/2015 10:59	James L Mertz	1
00224	Chloride	EPA 300.0	1	15113667151A	04/23/2015 13:11	Drew M Gerhart	20
00368	Nitrate Nitrogen	EPA 300.0	1	15113667151A	04/23/2015 12:55	Drew M Gerhart	5
01506	Nitrite Nitrogen	EPA 300.0	1	15113667151A	04/23/2015 12:55	Drew M Gerhart	5
00228	Sulfate	EPA 300.0	1	15113667151A	04/23/2015 13:11	Drew M Gerhart	20
07547	Dissolved Organic Carbon	EPA 415.1 modified	1	15120049501A	04/30/2015 06:03	James S Mathiot	1
04001	Chemical Oxygen Demand	EPA 410.4	1	15114400101B	04/24/2015 06:50	Susan A Engle	1
00235	Biochemical Oxygen Demand	SM 5210 B-2001	1	15114023501A	04/24/2015 07:10	Susan E Hibner	1

*=This limit was used in the evaluation of the final result

Sample Description: B-8M Water
BP Sanborn COC:
2040 Cory Dr - Sanborn, NY

LL Sample # WW 7858500
LL Group # 1555591
Account # 12495

Project Name: BP Sanborn

Collected: 04/22/2015 13:00 by RCB

Submitted: 04/23/2015 09:10
Reported: 05/01/2015 15:04

Atlantic Richfield(Parsons-NY)
BP Corporation
501 WestLake Park Blvd
Houston TX 77079

B-8M-

CAT No.	Analysis Name	CAS Number	Result		Method Detection Limit*	Limit of Quantitation	Dilution Factor
GC/MS Volatiles	**SW-846 8260C**		**ug/l**		**ug/l**	**ug/l**	
11997	Benzyl Chloride	100-44-7	N.D.		10	50	10
11997	Bromobenzene	108-86-1	N.D.		10	50	10
11997	Bromodichloromethane	75-27-4	N.D.		5.0	10	10
11997	Bromoform	75-25-2	N.D.		5.0	40	10
11997	Bromomethane	74-83-9	N.D.		5.0	10	10
11997	Carbon Tetrachloride	56-23-5	N.D.		5.0	10	10
11997	Chlorobenzene	108-90-7	N.D.		5.0	10	10
11997	Chloroethane	75-00-3	N.D.		5.0	10	10
11997	2-Chloroethyl Vinyl Ether	110-75-8	N.D.		20	100	10
	2-Chloroethyl vinyl ether may not be recovered if acid was used to preserve this sample.						
11997	Chloroform	67-66-3	5.7	J	5.0	10	10
11997	Chloromethane	74-87-3	N.D.		5.0	10	10
11997	Dibromochloromethane	124-48-1	N.D.		5.0	10	10
11997	Dibromomethane	74-95-3	N.D.		5.0	10	10
11997	1,2-Dichlorobenzene	95-50-1	N.D.		10	50	10
11997	1,3-Dichlorobenzene	541-73-1	N.D.		10	50	10
11997	1,4-Dichlorobenzene	106-46-7	N.D.		10	50	10
11997	Dichlorodifluoromethane	75-71-8	N.D.		5.0	10	10
11997	1,1-Dichloroethane	75-34-3	N.D.		5.0	10	10
11997	1,2-Dichloroethane	107-06-2	N.D.		5.0	10	10
11997	1,1-Dichloroethene	75-35-4	N.D.		5.0	10	10
11997	cis-1,2-Dichloroethene	156-59-2	660		5.0	10	10
11997	trans-1,2-Dichloroethene	156-60-5	5.6	J	5.0	10	10
11997	1,2-Dichloropropane	78-87-5	N.D.		5.0	10	10
11997	cis-1,3-Dichloropropene	10061-01-5	N.D.		5.0	10	10
11997	trans-1,3-Dichloropropene	10061-02-6	N.D.		5.0	10	10
11997	Methylene Chloride	75-09-2	N.D.		20	40	10
11997	1,1,1,2-Tetrachloroethane	630-20-6	N.D.		5.0	10	10
11997	1,1,2,2-Tetrachloroethane	79-34-5	N.D.		5.0	10	10
11997	Tetrachloroethene	127-18-4	N.D.		5.0	10	10
11997	1,1,1-Trichloroethane	71-55-6	N.D.		5.0	10	10
11997	1,1,2-Trichloroethane	79-00-5	N.D.		5.0	10	10
11997	Trichloroethene	79-01-6	16,000		50	100	100
11997	Trichlorofluoromethane	75-69-4	N.D.		5.0	10	10
11997	1,2,3-Trichloropropane	96-18-4	N.D.		10	50	10
11997	Vinyl Chloride	75-01-4	12		5.0	10	10
GC Miscellaneous	**RSKSOP-175 modified**		**ug/l**		**ug/l**	**ug/l**	
07105	Ethane	74-84-0	3.8	J	1.0	5.0	1
07105	Ethene	74-85-1	2.1	J	1.0	5.0	1
07105	Methane	74-82-8	42		3.0	5.0	1
Metals	**SW-846 6010C**		**mg/l**		**mg/l**	**mg/l**	
01754	Iron	7439-89-6	0.581		0.0334	0.400	1
07058	Manganese	7439-96-5	0.0300		0.00083	0.0100	1
Wet Chemistry	**EPA 300.0**		**mg/l**		**mg/l**	**mg/l**	
00224	Chloride	16887-00-6	275		20.0	40.0	100

*=This limit was used in the evaluation of the final result

Sample Description: B-8M Water
BP Sanborn COC:
2040 Cory Dr - Sanborn, NY

LL Sample # WW 7858500
LL Group # 1555591
Account # 12495

Project Name: BP Sanborn

Collected: 04/22/2015 13:00 by RCB

Submitted: 04/23/2015 09:10
Reported: 05/01/2015 15:04

Atlantic Richfield(Parsons-NY)
BP Corporation
501 WestLake Park Blvd
Houston TX 77079

B-8M-

CAT No.	Analysis Name	CAS Number	Result		Method Detection Limit*	Limit of Quantitation	Dilution Factor
Wet Chemistry	**EPA 300.0**		**mg/l**		**mg/l**	**mg/l**	
00368	Nitrate Nitrogen	14797-55-8	0.76		0.25	0.50	5
01506	Nitrite Nitrogen	14797-65-0	N.D.		0.25	0.50	5
00228	Sulfate	14808-79-8	74.0		3.0	10.0	10
	EPA 415.1 modified		**mg/l**		**mg/l**	**mg/l**	
07547	Dissolved Organic Carbon	n.a.	2.0		0.50	1.0	1
	EPA 410.4		**mg/l**		**mg/l**	**mg/l**	
04001	Chemical Oxygen Demand	n.a.	19.4	J	12.8	50.0	1
	SM 5210 B-2001		**mg/l**		**mg/l**	**mg/l**	
00235	Biochemical Oxygen Demand	n.a.	N.D.		3.3	3.3	1

General Sample Comments

State of New York Certification No. 10670

All QC is compliant unless otherwise noted. Please refer to the Quality Control Summary for overall QC performance data and associated samples.

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
11997	VOCs Parsons' Specs 8260C	SW-846 8260C	1	L151151AA	04/25/2015 18:00	Angela D Sneeringer	10
11997	VOCs Parsons' Specs 8260C	SW-846 8260C	1	L151151AA	04/25/2015 18:22	Angela D Sneeringer	100
01163	GC/MS VOA Water Prep	SW-846 5030C	1	L151151AA	04/25/2015 18:00	Angela D Sneeringer	10
01163	GC/MS VOA Water Prep	SW-846 5030C	2	L151151AA	04/25/2015 18:22	Angela D Sneeringer	100
07105	Volatile Headspace Hydrocarbon	RSKSOP-175 modified	1	151140011A	04/24/2015 18:21	Tracy A Cole	1
01754	Iron	SW-846 6010C	1	151170635001	04/28/2015 19:17	Katlin N Cataldi	1
07058	Manganese	SW-846 6010C	1	151170635001	04/28/2015 19:17	Katlin N Cataldi	1
10635	ICP-WW, 3005A (tot rec) - U4	SW-846 3005A	1	151170635001	04/28/2015 10:59	James L Mertz	1
00224	Chloride	EPA 300.0	1	15113667151A	04/23/2015 15:08	Drew M Gerhart	100
00368	Nitrate Nitrogen	EPA 300.0	1	15113667151A	04/23/2015 13:26	Drew M Gerhart	5
01506	Nitrite Nitrogen	EPA 300.0	1	15113667151A	04/23/2015 13:26	Drew M Gerhart	5
00228	Sulfate	EPA 300.0	1	15113667151A	04/23/2015 15:54	Drew M Gerhart	10
07547	Dissolved Organic Carbon	EPA 415.1 modified	1	15120049501A	04/30/2015 06:17	James S Mathiot	1
04001	Chemical Oxygen Demand	EPA 410.4	1	15114400101B	04/24/2015 06:50	Susan A Engle	1
00235	Biochemical Oxygen Demand	SM 5210 B-2001	1	15114023501A	04/24/2015 07:10	Susan E Hibner	1

*=This limit was used in the evaluation of the final result

Sample Description: Field Dup #3 Water
BP Sanborn COC:
2040 Cory Dr - Sanborn, NY

LL Sample # WW 7858501
LL Group # 1555591
Account # 12495

Project Name: BP Sanborn

Collected: 04/22/2015 by RCB

Submitted: 04/23/2015 09:10
Reported: 05/01/2015 15:04

Atlantic Richfield(Parsons-NY)
BP Corporation
501 WestLake Park Blvd
Houston TX 77079

SAND3

CAT No.	Analysis Name	CAS Number	Result		Method Detection Limit*	Limit of Quantitation	Dilution Factor
GC/MS Volatiles	**SW-846 8260C**		**ug/l**		**ug/l**	**ug/l**	
11997	Benzyl Chloride	100-44-7	N.D.		1.0	5.0	1
11997	Bromobenzene	108-86-1	N.D.		1.0	5.0	1
11997	Bromodichloromethane	75-27-4	N.D.		0.50	1.0	1
11997	Bromoform	75-25-2	N.D.		0.50	4.0	1
11997	Bromomethane	74-83-9	N.D.		0.50	1.0	1
11997	Carbon Tetrachloride	56-23-5	N.D.		0.50	1.0	1
11997	Chlorobenzene	108-90-7	N.D.		0.50	1.0	1
11997	Chloroethane	75-00-3	N.D.		0.50	1.0	1
11997	2-Chloroethyl Vinyl Ether	110-75-8	N.D.		2.0	10	1
	2-Chloroethyl vinyl ether may not be recovered if acid was used to preserve this sample.						
11997	Chloroform	67-66-3	N.D.		0.50	1.0	1
11997	Chloromethane	74-87-3	N.D.		0.50	1.0	1
11997	Dibromochloromethane	124-48-1	N.D.		0.50	1.0	1
11997	Dibromomethane	74-95-3	N.D.		0.50	1.0	1
11997	1,2-Dichlorobenzene	95-50-1	N.D.		1.0	5.0	1
11997	1,3-Dichlorobenzene	541-73-1	N.D.		1.0	5.0	1
11997	1,4-Dichlorobenzene	106-46-7	N.D.		1.0	5.0	1
11997	Dichlorodifluoromethane	75-71-8	N.D.		0.50	1.0	1
11997	1,1-Dichloroethane	75-34-3	1.6		0.50	1.0	1
11997	1,2-Dichloroethane	107-06-2	N.D.		0.50	1.0	1
11997	1,1-Dichloroethene	75-35-4	0.68	J	0.50	1.0	1
11997	cis-1,2-Dichloroethene	156-59-2	190		0.50	1.0	1
11997	trans-1,2-Dichloroethene	156-60-5	1.5		0.50	1.0	1
11997	1,2-Dichloropropane	78-87-5	N.D.		0.50	1.0	1
11997	cis-1,3-Dichloropropene	10061-01-5	N.D.		0.50	1.0	1
11997	trans-1,3-Dichloropropene	10061-02-6	N.D.		0.50	1.0	1
11997	Methylene Chloride	75-09-2	N.D.		2.0	4.0	1
11997	1,1,1,2-Tetrachloroethane	630-20-6	N.D.		0.50	1.0	1
11997	1,1,2,2-Tetrachloroethane	79-34-5	N.D.		0.50	1.0	1
11997	Tetrachloroethene	127-18-4	N.D.		0.50	1.0	1
11997	1,1,1-Trichloroethane	71-55-6	N.D.		0.50	1.0	1
11997	1,1,2-Trichloroethane	79-00-5	N.D.		0.50	1.0	1
11997	Trichloroethene	79-01-6	64		0.50	1.0	1
11997	Trichlorofluoromethane	75-69-4	N.D.		0.50	1.0	1
11997	1,2,3-Trichloropropane	96-18-4	N.D.		1.0	5.0	1
11997	Vinyl Chloride	75-01-4	3.2		0.50	1.0	1
GC Miscellaneous	**RSKSOP-175 modified**		**ug/l**		**ug/l**	**ug/l**	
07105	Ethane	74-84-0	N.D.		1.0	5.0	1
07105	Ethene	74-85-1	N.D.		1.0	5.0	1
07105	Methane	74-82-8	N.D.		3.0	5.0	1
Metals	**SW-846 6010C**		**mg/l**		**mg/l**	**mg/l**	
01754	Iron	7439-89-6	0.955		0.0334	0.400	1
07058	Manganese	7439-96-5	0.0284		0.00083	0.0100	1
Wet Chemistry	**EPA 300.0**		**mg/l**		**mg/l**	**mg/l**	
00224	Chloride	16887-00-6	63.9		4.0	8.0	20

*=This limit was used in the evaluation of the final result

Sample Description: Field Dup #3 Water
BP Sanborn COC:
2040 Cory Dr - Sanborn, NY

LL Sample # WW 7858501
LL Group # 1555591
Account # 12495

Project Name: BP Sanborn

Collected: 04/22/2015 by RCB

Submitted: 04/23/2015 09:10
Reported: 05/01/2015 15:04

Atlantic Richfield(Parsons-NY)
BP Corporation
501 WestLake Park Blvd
Houston TX 77079

SAND3

CAT No.	Analysis Name	CAS Number	Result		Method Detection Limit*	Limit of Quantitation	Dilution Factor
Wet Chemistry	**EPA 300.0**		**mg/l**		**mg/l**	**mg/l**	
00368	Nitrate Nitrogen	14797-55-8	N.D.		0.25	0.50	5
01506	Nitrite Nitrogen	14797-65-0	N.D.		0.25	0.50	5
00228	Sulfate	14808-79-8	171		6.0	20.0	20
	EPA 415.1 modified		**mg/l**		**mg/l**	**mg/l**	
07547	Dissolved Organic Carbon	n.a.	1.9		0.50	1.0	1
	EPA 410.4		**mg/l**		**mg/l**	**mg/l**	
04001	Chemical Oxygen Demand	n.a.	17.1	J	12.8	50.0	1
	SM 5210 B-2001		**mg/l**		**mg/l**	**mg/l**	
00235	Biochemical Oxygen Demand	n.a.	N.D.		4.0	4.0	1

General Sample Comments

State of New York Certification No. 10670

All QC is compliant unless otherwise noted. Please refer to the Quality Control Summary for overall QC performance data and associated samples.

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
11997	VOCs Parsons' Specs 8260C	SW-846 8260C	1	L151151AA	04/25/2015 18:44	Angela D Sneeringer	1
01163	GC/MS VOA Water Prep	SW-846 5030C	1	L151151AA	04/25/2015 18:44	Angela D Sneeringer	1
07105	Volatile Headspace Hydrocarbon	RSKSOP-175 modified	1	151140011A	04/24/2015 18:39	Tracy A Cole	1
01754	Iron	SW-846 6010C	1	151170635001	04/28/2015 19:20	Katlin N Cataldi	1
07058	Manganese	SW-846 6010C	1	151170635001	04/28/2015 19:20	Katlin N Cataldi	1
10635	ICP-WW, 3005A (tot rec) - U4	SW-846 3005A	1	151170635001	04/28/2015 10:59	James L Mertz	1
00224	Chloride	EPA 300.0	1	15113667151A	04/23/2015 14:53	Drew M Gerhart	20
00368	Nitrate Nitrogen	EPA 300.0	1	15113667151A	04/23/2015 13:41	Drew M Gerhart	5
01506	Nitrite Nitrogen	EPA 300.0	1	15113667151A	04/23/2015 13:41	Drew M Gerhart	5
00228	Sulfate	EPA 300.0	1	15113667151A	04/23/2015 14:53	Drew M Gerhart	20
07547	Dissolved Organic Carbon	EPA 415.1 modified	1	15120049501A	04/30/2015 06:45	James S Mathiot	1
04001	Chemical Oxygen Demand	EPA 410.4	1	15114400101B	04/24/2015 06:50	Susan A Engle	1
00235	Biochemical Oxygen Demand	SM 5210 B-2001	1	15114023501A	04/24/2015 07:10	Susan E Hibner	1

*=This limit was used in the evaluation of the final result

Quality Control Summary

Client Name: Atlantic Richfield(Parsons-NY) Group Number: 1555591
Reported: 05/01/2015 15:04

Matrix QC may not be reported if insufficient sample or site-specific QC samples were not submitted. In these situations, to demonstrate precision and accuracy at a batch level, a LCS/LCSD was performed, unless otherwise specified in the method.

All Inorganic Initial Calibration and Continuing Calibration Blanks met acceptable method criteria unless otherwise noted on the Analysis Report.

Laboratory Compliance Quality Control

Analysis Name	Blank Result	Blank MDL**	Blank LOQ	Report Units	LCS %REC	LCSD %REC	LCS/LCSD Limits	RPD	RPD Max
Batch number: L151151AA	Sample number(s): 7858498-7858501								
Benzyl Chloride	N.D.	1.0	5.0	ug/l	90		51-120		
Bromobenzene	N.D.	1.0	5.0	ug/l	106		80-120		
Bromodichloromethane	N.D.	0.50	1.0	ug/l	109		73-120		
Bromoform	N.D.	0.50	4.0	ug/l	100		52-123		
Bromomethane	N.D.	0.50	1.0	ug/l	100		53-130		
Carbon Tetrachloride	N.D.	0.50	1.0	ug/l	113		74-130		
Chlorobenzene	N.D.	0.50	1.0	ug/l	109		80-120		
Chloroethane	N.D.	0.50	1.0	ug/l	115		56-120		
2-Chloroethyl Vinyl Ether	N.D.	2.0	10	ug/l	108		44-143		
Chloroform	N.D.	0.50	1.0	ug/l	113		80-120		
Chloromethane	N.D.	0.50	1.0	ug/l	95		63-120		
Dibromochloromethane	N.D.	0.50	1.0	ug/l	108		72-120		
Dibromomethane	N.D.	0.50	1.0	ug/l	107		80-120		
1,2-Dichlorobenzene	N.D.	1.0	5.0	ug/l	103		80-120		
1,3-Dichlorobenzene	N.D.	1.0	5.0	ug/l	104		80-120		
1,4-Dichlorobenzene	N.D.	1.0	5.0	ug/l	104		80-120		
Dichlorodifluoromethane	N.D.	0.50	1.0	ug/l	98		55-127		
1,1-Dichloroethane	N.D.	0.50	1.0	ug/l	113		80-120		
1,2-Dichloroethane	N.D.	0.50	1.0	ug/l	111		72-127		
1,1-Dichloroethene	N.D.	0.50	1.0	ug/l	114		76-124		
cis-1,2-Dichloroethene	N.D.	0.50	1.0	ug/l	115		80-120		
trans-1,2-Dichloroethene	N.D.	0.50	1.0	ug/l	118		80-120		
1,2-Dichloropropane	N.D.	0.50	1.0	ug/l	113		80-120		
cis-1,3-Dichloropropene	N.D.	0.50	1.0	ug/l	113		80-120		
trans-1,3-Dichloropropene	N.D.	0.50	1.0	ug/l	112		76-120		
Methylene Chloride	N.D.	2.0	4.0	ug/l	112		80-120		
1,1,1,2-Tetrachloroethane	N.D.	0.50	1.0	ug/l	109		80-120		
1,1,2,2-Tetrachloroethane	N.D.	0.50	1.0	ug/l	99		70-120		
Tetrachloroethene	N.D.	0.50	1.0	ug/l	112		80-120		
1,1,1-Trichloroethane	N.D.	0.50	1.0	ug/l	100		66-126		
1,1,2-Trichloroethane	N.D.	0.50	1.0	ug/l	106		80-120		
Trichloroethene	N.D.	0.50	1.0	ug/l	117		80-120		
Trichlorofluoromethane	N.D.	0.50	1.0	ug/l	114		58-135		
1,2,3-Trichloropropane	N.D.	1.0	5.0	ug/l	100		76-120		
Vinyl Chloride	N.D.	0.50	1.0	ug/l	102		69-120		
Batch number: 151140011A	Sample number(s): 7858498-7858501								
Ethane	N.D.	1.0	5.0	ug/l	101		85-115		
Ethene	N.D.	1.0	5.0	ug/l	100		83-115		
Methane	N.D.	3.0	5.0	ug/l	106		85-115		
Batch number: 151170635001	Sample number(s): 7858498-7858501								
Iron	N.D.	0.0334	0.400	mg/l	101		80-120		

*- Outside of specification
**-This limit was used in the evaluation of the final result for the blank
(1) The result for one or both determinations was less than five times the LOQ.
(2) The unspiked result was more than four times the spike added.

Quality Control Summary

Client Name: Atlantic Richfield(Parsons-NY) Group Number: 1555591
Reported: 05/01/2015 15:04

Analysis Name	Blank Result	Blank MDL**	Blank LOQ	Report Units	LCS %REC	LCSD %REC	LCS/LCSD Limits	RPD	RPD Max
Manganese	N.D.	0.00083	0.0100	mg/l	103		80-120		
Batch number: 15113667151A	Sample number(s): 7858498-7858501								
Chloride	N.D.	0.20	0.40	mg/l	90	91	90-110	1	20
Nitrate Nitrogen	N.D.	0.050	0.10	mg/l	99	99	90-110	1	20
Nitrite Nitrogen	N.D.	0.050	0.10	mg/l	94	95	90-110	1	20
Sulfate	N.D.	0.30	1.0	mg/l	97	98	90-110	1	20
Batch number: 15120049501A	Sample number(s): 7858498-7858501								
Dissolved Organic Carbon	N.D.	0.50	1.0	mg/l	97		86-114		
Batch number: 15114023501A	Sample number(s): 7858498-7858501								
Biochemical Oxygen Demand					89		85-115		
Batch number: 15114400101B	Sample number(s): 7858498-7858501								
Chemical Oxygen Demand	N.D.	12.8	50.0	mg/l	100		94-110		

Sample Matrix Quality Control

Unspiked (UNSPK) = the sample used in conjunction with the matrix spike
Background (BKG) = the sample used in conjunction with the duplicate

Analysis Name	MS %REC	MSD %REC	MS/MSD Limits	RPD	RPD MAX	BKG Conc	DUP Conc	DUP RPD	Dup RPD Max
Batch number: L151151AA	Sample number(s): 7858498-7858501 UNSPK: P856493								
Benzyl Chloride	92	93	53-117	1	30				
Bromobenzene	111	111	82-115	0	30				
Bromodichloromethane	119	114	73-125	4	30				
Bromoform	105	103	48-118	2	30				
Bromomethane	100	102	47-129	2	30				
Carbon Tetrachloride	134	128	75-148	5	30				
Chlorobenzene	115	115	87-124	0	30				
Chloroethane	100	107	55-130	7	30				
2-Chloroethyl Vinyl Ether	110	109	10-151	1	30				
Chloroform	121	119	81-134	1	30				
Chloromethane	103	102	61-125	1	30				
Dibromochloromethane	114	113	74-116	1	30				
Dibromomethane	110	109	83-119	1	30				
1,2-Dichlorobenzene	107	109	84-119	2	30				
1,3-Dichlorobenzene	110	111	86-121	1	30				
1,4-Dichlorobenzene	109	109	85-121	1	30				
Dichlorodifluoromethane	125	118	58-156	6	30				
1,1-Dichloroethane	193 (2)	155 (2)	84-129	4	30				
1,2-Dichloroethane	118	112	63-142	5	30				
1,1-Dichloroethene	154*	138*	79-137	4	30				
cis-1,2-Dichloroethene	2586 (2)	1578 (2)	80-141	4	30				
trans-1,2-Dichloroethene	148*	139*	86-131	3	30				
1,2-Dichloropropane	123	120	83-124	2	30				
cis-1,3-Dichloropropene	121*	119*	70-116	2	30				
trans-1,3-Dichloropropene	121*	118	74-119	2	30				
Methylene Chloride	119	115	78-133	3	30				
1,1,1,2-Tetrachloroethane	115	115	80-123	0	30				

*- Outside of specification
**-This limit was used in the evaluation of the final result for the blank
(1) The result for one or both determinations was less than five times the LOQ.
(2) The unspiked result was more than four times the spike added.

Quality Control Summary

Client Name: Atlantic Richfield(Parsons-NY) Group Number: 1555591
Reported: 05/01/2015 15:04

Sample Matrix Quality Control

Unspiked (UNSPK) = the sample used in conjunction with the matrix spike
Background (BKG) = the sample used in conjunction with the duplicate

Analysis Name	MS %REC	MSD %REC	MS/MSD Limits	RPD	RPD MAX	BKG Conc	DUP Conc	DUP RPD	Dup RPD Max
1,1,2,2-Tetrachloroethane	103	103	72-128	0	30				
Tetrachloroethene	141*	131*	80-128	4	30				
1,1,1-Trichloroethane	131	117	69-140	5	30				
1,1,2-Trichloroethane	112	111	71-141	1	30				
Trichloroethene	2064 (2)	1062 (2)	88-133	5	30				
Trichlorofluoromethane	116	120	63-163	3	30				
1,2,3-Trichloropropane	102	103	76-118	1	30				
Vinyl Chloride	494 (2)	247 (2)	66-133	11	30				
Batch number: 151140011A	Sample number(s): 7858498-7858501 UNSPK: P856493								
Ethane	94	95	53-122	2	20				
Ethene	101	104	35-162	2	20				
Methane	93	97	46-129	3	20				
Batch number: 151170635001	Sample number(s): 7858498-7858501 UNSPK: P856505 BKG: P856505								
Iron	101	101	75-125	0	20	N.D.	N.D.	0 (1)	20
Manganese	99	99	75-125	0	20	0.0036 J	0.0034 J	5 (1)	20
Batch number: 15113667151A	Sample number(s): 7858498-7858501 UNSPK: 7858499 BKG: 7858499								
Chloride	97		90-110			63.2	63.8	1	20
Nitrate Nitrogen	104		90-110			N.D.	N.D.	0 (1)	20
Nitrite Nitrogen	98		90-110			N.D.	N.D.	0 (1)	20
Sulfate	104		90-110			164	165	1	20
Batch number: 15120049501A	Sample number(s): 7858498-7858501 UNSPK: P857720 BKG: P857720								
Dissolved Organic Carbon	87		54-135			2.2	2.3	3* (1)	2
Batch number: 15114023501A	Sample number(s): 7858498-7858501 UNSPK: P859778 BKG: P859426								
Biochemical Oxygen Demand	107	110	85-115	3	8	178	166	7	15
Batch number: 15114400101B	Sample number(s): 7858498-7858501 UNSPK: P859778 BKG: P859778								
Chemical Oxygen Demand	95		94-110			37.6 J	35.3 J	6 (1)	9

Surrogate Quality Control

Surrogate recoveries which are outside of the QC window are confirmed unless attributed to dilution or otherwise noted on the Analysis Report.

Analysis Name: VOCs Parsons' Specs 8260C
Batch number: L151151AA

	Dibromofluoromethane	1,2-Dichloroethane-d4	Toluene-d8	4-Bromofluorobenzene
7858498	101	101	100	99
7858499	101	100	100	98
7858500	103	102	100	98
7858501	101	100	100	99
Blank	100	101	99	99
LCS	102	100	101	100
MS	102	100	101	101

*- Outside of specification
**-This limit was used in the evaluation of the final result for the blank
(1) The result for one or both determinations was less than five times the LOQ.
(2) The unspiked result was more than four times the spike added.

Quality Control Summary

Client Name: Atlantic Richfield(Parsons-NY) Group Number: 1555591
Reported: 05/01/2015 15:04

Surrogate Quality Control

MSD	100	97	102	99
Limits:	80-116	77-113	80-113	78-113

Analysis Name: Volatile Headspace Hydrocarbon
Batch number: 151140011A

	Propene
7858498	68
7858499	72
7858500	76
7858501	73
Blank	101
LCS	103
MS	82
MSD	80
Limits:	47-116

*- Outside of specification
**-This limit was used in the evaluation of the final result for the blank
(1) The result for one or both determinations was less than five times the LOQ.
(2) The unspiked result was more than four times the spike added.

12495/1555591/7858498-502

bp rm

Laboratory Management Program LaMP Chain of Custody Record

Page 1 of 3

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:	Lancaster Laboratories	BP/ARC Facility Address:	2040 Cory Dr.	Consultant/Contractor:	Parsons
Lab Address:	2425 New Holland Pike	City, State, ZIP Code:	Sanborn, NY 14132	Consultant/Contractor Project No:	
Lab PM:	Kaitlin Plasterer	Lead Regulatory Agency:	NYSDEC	Address:	Ste 350, 40 LaRiviere Drive, Buffalo, NY 14202
Lab Phone:	717-656-2300 x1815	California Global ID No.:		Consultant/Contractor PM:	George Hermance
Lab Shipping Accnt:		Enfos Proposal No:	D0084-0006	Phone:	716-407-4990
Lab Bottle Order No:		Accounting Mode:	Provision X OOC-BU OOC-RM	Email EDD To:	george.hermance@parsons.com
Other Info:		Stage: 60	Activity: 81	Invoice To:	BP/ARC X Contractor

BP/ARC EBM: Michael Teeling

EBM Phone: (585) 732-2343

EBM Email:

Report Type & QC Level: Standard | Full Data Package X

Lab No.	Sample Description	Date	Time	Soil / Solid	Water / Liquid	Air / Vapor	Total Number of Containers	Unpreserved	H_2SO_4	HNO_3	HCl		H_3PO_4	VOCs 8260	COD	BOD	Iron Manganese	DOC	Chloride Nitrate Nitrite Sulfate	Methane Ethane Ethene	Comments
	B-22m	4/22/15	0940				3	X						X							
							1		X						X						
							1	X								X					
							1			X							X				
							1	X										X			
							2	X											X		
	B-22m						2				X									X	
	B-23m		1115				3	X						X							
							1		X						X						
							1	X								X					

Sampler's Name:	Richard C Becker	Relinquished By / Affiliation	Date	Time	Accepted By / Affiliation	Date	Time
Sampler's Company:	O+M Enterprises Inc	Richard C Becker O+M Ent	4/22/15	1500			
Shipment Method:	FedEx Express Ship Date: 4/22/15						
Shipment Tracking No:	804713267013				Burlington ELLE	4/23/15	940

Special Instructions:

THIS LINE - LAB USE ONLY: Custody Seals In Place: Yes / No | Temp Blank: Yes / No | Cooler Temp on Receipt: 1.1 °F/C | Trip Blank: Yes / No | MS/MSD Sample Submitted: Yes / No

BP LaMP COC Rev. 8 24 June 2012

12495 / 1555591 / 7858498-502

bp rm

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:	Lancaster Laboratories	BP/ARC Facility Address:	2040 Cory Dr.	Consultant/Contractor:	Parsons
Lab Address:	2425 New Holland Pike	City, State, ZIP Code:	Sanborn, NY 14132	Consultant/Contractor Project No:	
Lab PM:	Kaitlin Plasterer	Lead Regulatory Agency:	NYSDEC	Address:	Ste 350, 40 LaRiviere Drive, Buffalo, NY 14202
Lab Phone:	717-656-2300 x1815	California Global ID No.:		Consultant/Contractor PM:	George Hermance
Lab Shipping Accnt:		Enfos Proposal No:	D080B4-0006	Phone:	716-407-4990
Lab Bottle Order No:		Accounting Mode:	Provision 10 OOC-BU OOC-RM	Email EDD To:	george.hermance@parsons.com
Other Info:		Stage: 60	Activity: 81	Invoice To:	BP/ARC X Contractor
BP/ARC EBM:	Michael Teeling				
EBM Phone:					
EBM Email:					

Lab No.	Sample Description	Date	Time	Matrix: Soil / Solid	Water / Liquid	Air / Vapor		Total Number of Containers	No. Containers / Preservative: Unpreserved	H_2SO_4	HNO_3	HCl		H_3PO_4	Requested Analyses: VOCs 8260	COD	BOD	Iron Manganese	DOC	Chloride Nitrate Sulfate	Methane, Ethane, Ethene				Report Type & QC Level / Comments
	B-23M	4/22/15	1115					1			X							X							
	"	"	"					1	X										X							
	"	"	"					2	X											X						
	B-23M	"	"					2				X									X					
	B-8M	"	1300					3	X						X											
	"	"	"					1		X						X										
	"	"	"					1	X								X									
	"	"	"					1			X							X								
	"	"	"					1	X										X							
	"	"	"					2	X											X						

Sampler's Name:	Richard C Becker	Relinquished By / Affiliation	Date	Time	Accepted By / Affiliation	Date	Time
Sampler's Company:	O+M Enterprises Inc.	Richard C Becker O+M Ent	4/22/15	1500			
Shipment Method:	FedEx Express Ship Date: 4/22/15						
Shipment Tracking No:	804713267013				[illegible] ENE	4/23/15	910

Special Instructions:

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

BP LaMP COC Rev. 8 24 June 2012

12495 / 1555591 / 7858498 - 502

bp rm

Laboratory Management Program LaMP Chain of Custody Record

Page 3 of 3

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:	Lancaster Laboratories	BP/ARC Facility Address:	2040 Cory Dr.	Consultant/Contractor:	Parsons
Lab Address:	2425 New Holland Pike	City, State, ZIP Code:	Sanborn, NY 14132	Consultant/Contractor Project No:	
Lab PM:	Kaitlin Plasterer	Lead Regulatory Agency:	NYSDEC	Address:	Ste 350, 40 LaRiviere Drive, Buffalo, NY 14202
Lab Phone:	717-656-2300 x1815	California Global ID No.:		Consultant/Contractor PM:	George Hermance
Lab Shipping Accnt:		Enfos Proposal No:	D0084-0006	Phone:	716-407-4990
Lab Bottle Order No:		Accounting Mode:	Provision 10 OOC-BU OOC-RM	Email EDD To:	george.hermance@parsons.com
Other Info:		Stage: 60	Activity: 81	Invoice To:	BP/ARC X Contractor

BP/ARC EBM: Michael Teeling
EBM Phone: (585) 732-2343
EBM Email:

Report Type & QC Level: Standard; Full Data Package X

Lab No.	Sample Description	Date	Time	Soil / Solid	Water / Liquid	Air / Vapor		Total Number of Containers	Unpreserved	H_2SO_4	HNO_3	HCl		H_3PO_4	VOCs 8260	COD	BOD	Iron Manganese	DOC	Chloride, nitrate, nitrite, sulfate	Methane, Ethane, Ethene				Comments
	B-8M	4/22/15	1300					1				X									X				
	Field Dup #3							3	X						X										
								1		X						X									
								1	X								X								
								1			X							X							
								1	X										X						
								2	X											X					
	Field Dup #3							2				X									X				

Sampler's Name:	Richard C Becker	Relinquished By / Affiliation	Date	Time	Accepted By / Affiliation	Date	Time
Sampler's Company:	O&M Enterprises Inc.	Richard C Becker O&M Ent	4/22/15	1500			
Shipment Method:	FedEx Express Ship Date: 4/22/15						
Shipment Tracking No:	884713267013				Brandy Bench GEL	4.23.15	900

Special Instructions:

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

BP LaMP COC Rev. 8 24 June 2012

eurofins | Lancaster Laboratories Environmental

Sample Administration Receipt Documentation Log

Doc Log ID: 66661

Group Number(s): 1555591

Client: Parsons

Delivery and Receipt Information

Delivery Method:	Fed Ex	Arrival Timestamp:	04/23/2015 9:10
Number of Packages:	1	Number of Projects:	1
State/Province of Origin:	NY		

Arrival Condition Summary

Shipping Container Sealed:	Yes	Sample IDs on COC match Containers:	Yes
Custody Seal Present:	Yes	Sample Date/Times match COC:	Yes
Custody Seal Intact:	Yes	VOA Vial Headspace ≥ 6mm:	No
Samples Chilled:	Yes	Total Trip Blank Qty:	2
Paperwork Enclosed:	Yes	Trip Blank Type:	unpres
Samples Intact:	Yes	Air Quality Samples Present:	No
Missing Samples:	No		
Extra Samples:	No		
Discrepancy in Container Qty on COC:	Yes		

Unpacked by Brandy Barclay (2299) at 09:41 on 04/23/2015

Samples Chilled Details

Thermometer Types: DT = Digital (Temp. Bottle) IR = Infrared (Surface Temp) All Temperatures in °C.

Cooler #	Thermometer ID	Corrected Temp	Therm. Type	Ice Type	Ice Present?	Ice Container	Elevated Temp?
1	DT146	1.1	DT	Wet	Y	Bagged	N

Container Quantity Discrepancy Details

Sample ID on COC	Container Qty. Received	Container Qty. on COC	Comments
B-8M	11	10	

2425 New Holland Pike
Lancaster, PA 17605-2425

T | 717-656-2300
F | 717-656-2681
www.LancasterLabs.com

Explanation of Symbols and Abbreviations

The following defines common symbols and abbreviations used in reporting technical data:

RL	Reporting Limit	**BMQL**	Below Minimum Quantitation Level
N.D.	none detected	**MPN**	Most Probable Number
TNTC	Too Numerous To Count	**CP Units**	cobalt-chloroplatinate units
IU	International Units	**NTU**	nephelometric turbidity units
umhos/cm	micromhos/cm	**ng**	nanogram(s)
C	degrees Celsius	**F**	degrees Fahrenheit
meq	milliequivalents	**lb.**	pound(s)
g	gram(s)	**kg**	kilogram(s)
µg	microgram(s)	**mg**	milligram(s)
mL	milliliter(s)	**L**	liter(s)
m3	cubic meter(s)	**µL**	microliter(s)
		pg/L	picogram/liter

<	less than
>	greater than
ppm	parts per million - One ppm is equivalent to one milligram per kilogram (mg/kg) or one gram per million grams. For aqueous liquids, ppm is usually taken to be equivalent to milligrams per liter (mg/l), because one liter of water has a weight very close to a kilogram. For gases or vapors, one ppm is equivalent to one microliter per liter of gas.
ppb	parts per billion
Dry weight basis	Results printed under this heading have been adjusted for moisture content. This increases the analyte weight concentration to approximate the value present in a similar sample without moisture. All other results are reported on an as-received basis.

Laboratory Data Qualifiers:

B - Analyte detected in the blank
C - Result confirmed by reanalysis
E - Concentration exceeds the calibration range
J (or G, I, X) - estimated value ≥ the Method Detection Limit (MDL or DL) and the < Limit of Quantitation (LOQ or RL)
P - Concentration difference between the primary and confirmation column >40%. The lower result is reported.
U - Analyte was not detected at the value indicated
V - Concentration difference between the primary and confirmation column >100%. The reporting limit is raised due to this disparity and evident interference…

Additional Organic and Inorganic CLP qualifiers may be used with Form 1 reports as defined by the CLP methods.
Qualifiers specific to Dioxin/Furans and PCB Congeners are detailed on the individual Analysis Report.

Analytical test results meet all requirements of the associated regulatory program (i.e., NELAC (TNI), DoD, ISO17025) unless otherwise noted under the individual analysis.

Measurement uncertainty values, as applicable, are available upon request.

Tests results relate only to the sample tested. Clients should be aware that a critical step in a chemical or microbiological analysis is the collection of the sample. Unless the sample analyzed is truly representative of the bulk of material involved, the test results will be meaningless. If you have questions regarding the proper techniques of collecting samples, please contact us. We cannot be held responsible for sample integrity, however, unless sampling has been performed by a member of our staff.

Times are local to the area of activity. Parameters listed in the 40 CFR Part 136 Table II as “analyze immediately” are not performed within 15 minutes.

WARRANTY AND LIMITS OF LIABILITY - In accepting analytical work, we warrant the accuracy of test results for the sample as submitted. THE FOREGOING EXPRESS WARRANTY IS EXCLUSIVE AND IS GIVEN IN LIEU OF ALL OTHER WARRANTIES, EXPRESSED OR IMPLIED. WE DISCLAIM ANY OTHER WARRANTIES, EXPRESSED OR IMPLIED, INCLUDING A WARRANTY OF FITNESS FOR PARTICULAR PURPOSE AND WARRANTY OF MERCHANTABILITY. IN NO EVENT SHALL EUROFINS LANCASTER LABORATORIES ENVIRONMENTAL, LLC BE LIABLE FOR INDIRECT, SPECIAL, CONSEQUENTIAL, OR INCIDENTAL DAMAGES INCLUDING, BUT NOT LIMITED TO, DAMAGES FOR LOSS OF PROFIT OR GOODWILL REGARDLESS OF (A) THE NEGLIGENCE (EITHER SOLE OR CONCURRENT) OF EUROFINS LANCASTER LABORATORIES ENVIRONMENTAL AND (B) WHETHER EUROFINS LANCASTER LABORATORIES ENVIRONMENTAL HAS BEEN INFORMED OF THE POSSIBILITY OF SUCH DAMAGES. We accept no legal responsibility for the purposes for which the client uses the test results. No purchase order or other order for work shall be accepted by Eurofins Lancaster Laboratories Environmental which includes any conditions that vary from the Standard Terms and Conditions, and Eurofins Lancaster Laboratories Environmental hereby objects to any conflicting terms contained in any acceptance or order submitted by client.

APPENDIX C

WATER QUALITY DATABASE
JANUARY 2001 THROUGH JUNE 2015

FORMER CARBORUNDUM FACILITY

WHEATFIELD, NEW YORK

Well Id: B- 3M

Date	Lab Sample Id	Method	Carbon tetrachloride (ug/L)	Chloroform (ug/L)	1,1-Dichloro-ethane (ug/L)	1,1-Dichloro ethene (ug/L)	Methylene chloride (ug/L)	Trans-1,2-dichloro-ethene (ug/L)	Cis-1,2-dichloro-ethylene (ug/L)	1,1,1-Trichloro-ethane (ug/L)	Trichloro-ethene (TCE) (ug/L)	Tetrachloro-ethylene (PCE) (ug/L)	Vinyl chloride (ug/L)	Total (ug/L)
07/13/2001	A1663812	8021	ND	ND	0.34 J	ND	ND	1.6	50	ND	4.1	ND	2	58.04
07/12/2002	A2713901	8021	ND	ND	2.4	ND	2.2 J	13	360	ND	36	1.8	18	433.4
07/08/2003	A3649103	8021	ND	ND	ND	ND	7.4	8.5	490	ND	14	ND	5	524.9
07/06/2004	A4636508	8021	ND	ND	2.6	4.4	ND	7.3	190	ND	29	ND	18	251.3
07/14/2005	A5740501	8260/5ML	ND	ND	ND	ND	ND	3.8	75	ND	6.7	ND	7.7	93.2
07/14/2006	6G14010-08	8260	ND	ND	ND	ND	ND	2	41	ND	3	ND	4	50
07/09/2007	7G10002-01	8260	ND	ND	ND	ND	ND	ND	33	ND	2	ND	11	46
07/23/2008	5423254	8260	ND	ND	1.1 J	1 J	ND	4.3 J	190	ND	19	ND	14	229.4
07/08/2009	5719621	8260	ND	ND	1.4 J	1.4 J	ND	4.5 J	240	ND	16	ND	56	319.3
07/12/2010	6030552	8260	ND	ND	ND	1 J	ND	4.5 J	170	ND	18	ND	24	217.5
07/12/2011	6342650	8260	ND	ND	2.6 J	1.4 J	ND	4.1 J	200	1.1 J	54	ND	25	288.2
07/16/2012	6722028	8260	ND	ND	1.6 J	ND	ND	3.1 J	200	ND	26	ND	21	251.7
07/08/2013	7120727	8260	ND	ND	1.7 J	1.2 J	ND	2.8 J	160	1.1 J	100	ND	22	288.8
07/08/2014	7526285	8260	ND	ND	2.2	0.57 J	ND	2	110	0.52 J	66	ND	20	201.29

ND - Not detected, 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 nondetected values, the data for 2001 to 2004 has been reevaluated and interpreted as follows:

1) Nondetected concentrations have been represented as ND 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.

FORMER CARBORUNDUM FACILITY

WHEATFIELD, NEW YORK

Well Id: B- 4M

Date	Lab Sample Id	Method	Carbon tetrachloride (ug/L)	Chloroform (ug/L)	1,1-Dichloro-ethane (ug/L)	1,1-Dichloro ethene (ug/L)	Methylene chloride (ug/L)	Trans-1,2-dichloro-ethene (ug/L)	Cis-1,2-dichloro-ethylene (ug/L)	1,1,1-Trichloro-ethane (ug/L)	Trichloro-ethene (TCE) (ug/L)	Tetrachloro-ethylene (PCE) (ug/L)	Vinyl chloride (ug/L)	Total (ug/L)
07/13/2001	A1663816	8021	ND	ND	ND	ND	0.58 J	1.6	61	ND	5.5	ND	1.5 J	70.18
07/12/2002	A2713906	8021	ND	ND	ND	ND	ND	1.5	47	ND	5	ND	5.6	59.1
07/08/2003	A3649109	8021	ND	ND	ND	ND	ND	2.3	67	ND	7.8	ND	6.4	83.5
07/06/2004	A4636506	8021	ND	ND	ND	ND	ND	1.9	38	ND	8.2	ND	10	58.1
07/14/2005	A5740502	8260/5ML	ND	ND	ND	ND	ND	1.8	36	ND	5.4	ND	12	55.2
07/14/2006	6G14010-07	8260	ND	ND	ND	ND	ND	2	28	ND	5	ND	20	55
07/09/2007	7G10002-02	8260	ND	ND	ND	ND	ND	1	24	ND	4	ND	22	51
07/23/2008	5423255	8260	ND	ND	ND	ND	ND	1.8 J	41	ND	5.1	ND	12	59.9
07/09/2009	5720682	8260	ND	ND	ND	ND	ND	ND	20	ND	1.8 J	ND	5.1	26.9
07/12/2010	6030548	8260	ND	ND	ND	ND	ND	1.1 J	35	ND	250	ND	1.8 J	287.9
04/12/2011	6256727	8260	ND	ND	1.6 J	0.95 J	ND	5.6	120	ND	29	ND	9.7	166.85
07/13/2011	6343981	8260	ND	ND	ND	ND	ND	2.2 J	59	ND	7.1	ND	11	79.3
07/17/2012	6723837	8260	ND	ND	ND	ND	ND	1.6 J	41	ND	4.9 J	ND	7.9	55.4
07/08/2013	7120735	8260	ND	ND	1.3 J	0.81 J	ND	5.0	89	ND	28	ND	10	134.11
07/08/2014	7526297	8260	ND	ND	0.91 J	0.8 J	ND	4.1	58	ND	22	ND	9.7	95.51

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FORMER CARBORUNDUM FACILITY

WHEATFIELD, NEW YORK

Well Id: B- 5M

Date	Lab Sample Id	Method	Carbon tetrachloride (ug/L)	Chloroform (ug/L)	1,1-Dichloro-ethane (ug/L)	1,1-Dichloro ethene (ug/L)	Methylene chloride (ug/L)	Trans-1,2-dichloro-ethene (ug/L)	Cis-1,2-dichloro-ethylene (ug/L)	1,1,1-Trichloro-ethane (ug/L)	Trichloro-ethene (TCE) (ug/L)	Tetrachloro-ethylene (PCE) (ug/L)	Vinyl chloride (ug/L)	Total (ug/L)
07/13/2001	A1663817	8021	ND	ND	ND	ND	ND	0.47 J	18	ND	20	ND	ND	38.47
07/15/2002	A2723102	8021	ND	ND	ND	ND	ND	ND	3.8	ND	9.5	ND	ND	13.3
07/10/2003	A3654101	8021	ND	ND	ND	ND	ND	ND	4.5	ND	13	ND	ND	17.5
07/07/2004	A4636503	8021	ND	ND	ND	ND	ND	1.1	16	ND	72	ND	ND	89.1
07/12/2005	A5733201	8260/5ML	ND	ND	ND	ND	ND	ND	3.8	ND	12	ND	ND	15.8
07/18/2006	6G19003-09RE1	8260	ND	ND	ND	ND	6 B	ND	9	ND	36	ND	ND	51
07/09/2007	7G10002-03	8260	ND	ND	ND	ND	ND	ND	2	ND	6	ND	ND	8
07/23/2008	5423256	8260	ND	ND	ND	ND	ND	1.5 J	54	ND	290	ND	3 J	348.5
07/13/2009	5722293	8260	ND	ND	ND	ND	ND	1 J	20	ND	82	ND	ND	103
07/12/2010	6030549	8260	ND	ND	ND	ND	ND	1.3 J	33	ND	3.9 J	ND	17	55.2
07/25/2011	6355555	8260	ND	ND	ND	ND	ND	1.1 J	22	ND	150	ND	1.3 J	174.4
07/16/2012	6722026	8260	ND	ND	ND	ND	ND	1.3 J	33	ND	260	ND	1.8 J	296.1
07/09/2013	7122572	8260	ND	ND	ND	ND	ND	ND	3.4 J	ND	25	ND	ND	28.4
07/08/2014	7526295	8260	ND	ND	ND	ND	ND	1	16	ND	93	ND	1.7	111.7

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FORMER CARBORUNDUM FACILITY

WHEATFIELD, NEW YORK

Well Id: B- 6M

Date	Lab Sample Id	Method	Carbon tetrachloride (ug/L)	Chloroform (ug/L)	1,1-Dichloro-ethane (ug/L)	1,1-Dichloro ethene (ug/L)	Methylene chloride (ug/L)	Trans-1,2-dichloro-ethene (ug/L)	Cis-1,2-dichloro-ethylene (ug/L)	1,1,1-Trichloro-ethane (ug/L)	Trichloro-ethene (TCE) (ug/L)	Tetrachloro-ethylene (PCE) (ug/L)	Vinyl chloride (ug/L)	Total (ug/L)
01/16/2001	A1043907	8021	ND	ND	ND	ND	ND	ND	2.7	ND	16	ND	ND	18.7
04/16/2001	A1345808	624	ND	ND	ND	ND	ND	ND	1.8	ND	18	ND	ND	19.8
07/13/2001	A1663814	8021	ND	ND	ND	ND	ND	ND	1.1	ND	12	ND	ND	13.1
10/10/2001	A1994701	8021	ND	ND	ND	ND	ND	ND	1.7	ND	19	ND	ND	20.7
01/23/2002	A2076801	8021	ND	ND	ND	ND	ND	0.66 J	27	ND	51	ND	ND	78.66
04/12/2002	A2351803	8021	ND	ND	ND	ND	ND	ND	9.8	ND	100	ND	ND	109.8
07/12/2002	A2713909	8021	ND	ND	ND	ND	ND	ND	11	ND	69	ND	ND	80
10/08/2002	A2999301	8021	ND	ND	ND	ND	ND	ND	9.1	ND	52	ND	ND	61.1
01/21/2003	A3069002	8021	ND	ND	ND	ND	ND	ND	6.3	ND	47	ND	ND	53.3
04/09/2003	A3329501	8021	ND	ND	ND	ND	24	ND	8.1	ND	48	ND	ND	80.1
07/08/2003	A3649108	8021	ND	ND	ND	ND	ND	ND	9.4	ND	60	ND	ND	69.4
10/13/2003	A3991405	8021	ND	ND	ND	ND	ND	ND	34	ND	130	ND	ND	164
01/28/2004	A4077401	8021	ND	ND	ND	ND	2.9	ND	37	ND	260	ND	ND	299.9
04/20/2004	A4356802	8021	ND	ND	ND	ND	ND	ND	22	ND	240	ND	ND	262
07/07/2004	A4636502	8021	ND	ND	ND	ND	ND	ND	16	ND	130	ND	ND	146
10/21/2004	A4A48001	8021	ND	ND	ND	ND	ND	ND	18	ND	100 E	ND	ND	118
01/17/2005	A5044302	8260	ND	ND	ND	ND	ND	ND	10	ND	110	ND	ND	120
04/05/2005	A5317802	8260	ND	ND	ND	ND	0.93 J	ND	6.7	ND	91 E	0.55 J	ND	99.18
04/05/2005	A5317802DL	8260	ND	ND	ND	ND	ND	ND	6.3 D	ND	95 D	ND	ND	101.3
07/12/2005	A5733202	8260/5ML	ND	ND	ND	ND	ND	ND	6.2	ND	58	ND	ND	64.2
10/05/2005	A5B10602	8260	ND	ND	ND	ND	ND	0.64 J	22	ND	97	ND	1.1 J	120.74
01/24/2006	A6089111	8260	ND	ND	ND	ND	ND	ND	7.3	ND	61	ND	ND	68.3
04/12/2006	6D13005-03	8260	ND	ND	ND	ND	ND	ND	10	ND	99	ND	ND	109
07/18/2006	6G19003-14	8260	ND	ND	ND	ND	5 B	ND	18	ND	109	ND	ND	132
10/10/2006	6J11002-06	8260	ND	ND	ND	ND	ND	2	73	ND	414 D	ND	4	493
01/09/2007	7A10006-03	8260	ND	ND	ND	ND	3 B	ND	21	ND	205 D	ND	ND	229
04/04/2007	7D05011-01	8260	ND	ND	ND	ND	ND	ND	13	ND	150	ND	ND	163
07/11/2007	7G12003-07	8260	ND	ND	ND	ND	ND	ND	13	ND	137	ND	ND	150
10/10/2007	7J11002-02	8260	ND	ND	ND	ND	ND	1	45	ND	258 D	ND	3	307
01/08/2008	8A09005-06	8260	ND	ND	ND	ND	4	3	99	ND	500 D	ND	ND	606
04/07/2008	8D08002-06	8260	ND	ND	ND	ND	18 B	ND	33	ND	346	ND	ND	397
07/22/2008	5422164	8260	ND	ND	ND	ND	ND	1 J	26	ND	230	ND	ND	257
10/17/2008	5502671	8260	ND	ND	ND	ND	ND	ND	10	ND	95	ND	ND	105
01/15/2009	5578622	8260	ND	ND	ND	ND	ND	0.92 J	26	ND	210	ND	ND	236.92
04/16/2009	5649163	8260	ND	ND	ND	ND	ND	0.9 J	27	ND	270	ND	ND	297.9
07/09/2009	5720687	8260	ND	ND	ND	ND	ND	0.86 J	23	ND	230	ND	ND	253.86
10/06/2009	5799016	8260	ND	ND	ND	ND	ND	0.89 J	21	ND	190	ND	ND	211.89

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FORMER CARBORUNDUM FACILITY

WHEATFIELD, NEW YORK

Well Id: B- 6M

Date	Lab Sample Id	Method	Carbon tetrachloride (ug/L)	Chloroform (ug/L)	1,1-Dichloro-ethane (ug/L)	1,1-Dichloro ethene (ug/L)	Methylene chloride (ug/L)	Trans-1,2-dichloro-ethene (ug/L)	Cis-1,2-dichloro-ethylene (ug/L)	1,1,1-Trichloro-ethane (ug/L)	Trichloro-ethene (TCE) (ug/L)	Tetrachloro-ethylene (PCE) (ug/L)	Vinyl chloride (ug/L)	Total (ug/L)
01/20/2010	5888924	8260	ND	ND	ND	ND	ND	0.93 J	36	ND	250	ND	ND	286.93
04/06/2010	5946900	8260	ND	ND	ND	ND	ND	ND	23	ND	280	ND	ND	303
07/20/2010	6038216	8260	ND	ND	ND	ND	ND	ND	16	ND	170	ND	ND	186
10/18/2010	6115536	8260	ND	ND	ND	ND	ND	ND	12	ND	130	ND	ND	142
01/24/2011	6190820	8260	ND	ND	ND	ND	ND	ND	20	ND	160	ND	ND	180
04/12/2011	6256726	8260	ND	ND	ND	ND	ND	ND	16	ND	190	ND	ND	206
07/21/2011	6353674	8260	ND	ND	ND	ND	ND	ND	16	ND	190	ND	ND	206
10/10/2011	6433664	8260	ND	ND	ND	ND	ND	ND	10	ND	110	ND	ND	120
01/17/2012	6524419	8260	ND	ND	ND	ND	ND	0.82 J	22	ND	280	ND	ND	302.82
04/03/2012	6605294	8260	ND	ND	ND	ND	ND	ND	19	ND	250	ND	ND	269
07/17/2012	6723840	8260	ND	ND	ND	ND	ND	ND	16	ND	200	ND	ND	216
10/03/2012	6812009	8260	ND	ND	ND	ND	ND	0.86 J	19	ND	240	ND	ND	259.86
01/23/2013	6932568	8260	ND	ND	ND	ND	ND	1.2 J	40	ND	350	ND	ND	391.2
04/08/2013	7015025	8260	ND	ND	ND	ND	ND	0.80 J	23	ND	220	ND	ND	243.8
07/15/2013	7128199	8260	ND	ND	ND	ND	ND	ND	12	ND	160	ND	ND	172
11/13/2013	7276546	8260	ND	ND	ND	ND	ND	ND	17	ND	260	ND	ND	277
01/17/2014	7341388	8260	ND	ND	ND	ND	ND	ND	13	ND	190	ND	ND	203
04/14/2014	7430454	8260	ND	ND	ND	ND	ND	ND	7.3	ND	100	ND	ND	107.3
07/10/2014	7529507	8260	ND	ND	ND	ND	ND	ND	6	ND	88	ND	ND	94
10/02/2014	7623670	8260	ND	1.7	ND	ND	ND	0.59 J	12	ND	140	ND	ND	154.29
01/08/2015	7734018	8260	ND	4.4	ND	ND	ND	0.87 J	31	ND	350	ND	ND	386.27
04/14/2015	7847245	8260	ND	ND	ND	ND	ND	ND	10	ND	51	ND	ND	61

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FORMER CARBORUNDUM FACILITY

WHEATFIELD, NEW YORK

Well Id: B- 7M

Date	Lab Sample Id	Method	Carbon tetrachloride (ug/L)	Chloroform (ug/L)	1,1-Dichloro-ethane (ug/L)	1,1-Dichloro ethene (ug/L)	Methylene chloride (ug/L)	Trans-1,2-dichloro-ethene (ug/L)	Cis-1,2-dichloro-ethylene (ug/L)	1,1,1-Trichloro-ethane (ug/L)	Trichloro-ethene (TCE) (ug/L)	Tetrachloro-ethylene (PCE) (ug/L)	Vinyl chloride (ug/L)	Total (ug/L)
01/11/2001	A1035103	8021	ND	ND	ND	ND	ND	ND	1.8	ND	2.2	ND	ND	4
04/20/2001	A1366402	624	ND	ND	ND	ND	ND	ND	2.9	ND	3.2	ND	ND	6.1
07/12/2001	A1663801	8021	ND	ND	ND	ND	ND	ND	0.5 J	ND	1.8	ND	ND	2.3
10/10/2001	A1994702	8021	ND	ND	ND	ND	ND	ND	0.59 J	ND	1.9	ND	ND	2.49
01/21/2002	A2066003	8021	ND	ND	ND	ND	ND	ND	1.1	ND	4.6	ND	ND	5.7
04/11/2002	A2348301	8021	ND	ND	ND	ND	ND	ND	1.5	ND	11	ND	ND	12.5
07/11/2002	A2708314	8021	ND	ND	ND	ND	ND	ND	2.3	ND	7.7	ND	ND	10
10/08/2002	A2999307	8021	ND	ND	ND	ND	ND	ND	1.8	ND	7.2	ND	ND	9
01/16/2003	A3055803	8021	ND	3.1	ND	ND	ND	ND	0.92 J	ND	4	ND	ND	8.02
04/08/2003	A3329504	8021	ND	ND	ND	ND	ND	ND	2.3	ND	8.6	ND	ND	10.9
07/08/2003	A3649101	8021	ND	ND	ND	ND	ND	ND	0.85 J	ND	5.4	ND	ND	6.25
10/10/2003	A3983901	8021	ND	ND	ND	ND	ND	ND	28	ND	63	ND	ND	91
01/09/2004	A4026201	8021	ND	ND	ND	ND	ND	ND	6.7	ND	25	ND	ND	31.7
04/14/2004	A4331802	8021	ND	ND	ND	ND	ND	ND	4.4	ND	21	ND	ND	25.4
06/30/2004	A4619301	8021	ND	ND	ND	ND	ND	ND	3.7	ND	18	ND	ND	21.7
10/26/2004	A4A60202	8021	ND	ND	ND	ND	ND	ND	3.9	ND	12	ND	ND	15.9
01/18/2005	A5051004	8260	ND	ND	ND	ND	ND	ND	1.3	ND	8.6	ND	ND	9.9
04/04/2005	A5307701	8260	ND	ND	ND	ND	ND	ND	1.6	ND	12 B	ND	ND	13.6
07/12/2005	A5725601	8260/5ML	ND	ND	ND	ND	ND	ND	1.8	ND	8.2	ND	ND	10
07/17/2006	6G18004-02	8260	ND	ND	ND	ND	ND	ND	2	ND	8	ND	ND	10
07/10/2007	7G11015-01	8260	ND	ND	ND	ND	ND	ND	1	ND	7	ND	ND	8
07/23/2008	5423259	8260	ND	ND	ND	ND	ND	ND	2.2 J	ND	7.7	ND	ND	9.9
07/08/2009	5719613	8260	ND	ND	ND	ND	ND	ND	1.5 J	ND	4.9 J	ND	ND	6.4
07/12/2010	6030554	8260	ND	ND	ND	ND	ND	ND	1.4 J	ND	4.9 J	ND	ND	6.3
07/18/2011	6348760	8260	ND	ND	ND	ND	ND	ND	1.5 J	ND	4.6 J	ND	ND	6.1
07/16/2012	6722037	8260	ND	ND	ND	ND	ND	ND	1.1 J	ND	3.8 J	ND	ND	4.9
07/09/2013	7122567	8260	ND	ND	ND	ND	ND	ND	0.94 J	ND	5.2	ND	ND	6.14
07/09/2014	7527870	8260	ND	ND	ND	ND	ND	ND	ND	ND	2.7	ND	ND	2.7

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WHEATFIELD, NEW YORK

Well Id: B- 8M

Date	Lab Sample Id	Method	Carbon tetrachloride (ug/L)	Chloroform (ug/L)	1,1-Dichloro-ethane (ug/L)	1,1-Dichloro ethene (ug/L)	Methylene chloride (ug/L)	Trans-1,2-dichloro-ethene (ug/L)	Cis-1,2-dichloro-ethylene (ug/L)	1,1,1-Trichloro-ethane (ug/L)	Trichloro-ethene (TCE) (ug/L)	Tetrachloro-ethylene (PCE) (ug/L)	Vinyl chloride (ug/L)	Total (ug/L)
01/12/2001	A1035104	8021	ND	ND	ND	ND	620	ND	1400	ND	7400	ND	ND	9420
04/24/2001	A1375204	8021	ND	ND	ND	ND	ND	ND	2400	ND	24000	ND	ND	26400
07/11/2001	A1648705	8021	ND	ND	ND	ND	500	ND	700	ND	11000	ND	ND	12200
10/17/2001	A1A23313	8021	ND	ND	ND	ND	980	ND	8500	ND	64000	ND	ND	73480
01/25/2002	A2081501	8021	ND	ND	ND	ND	170	ND	2400	ND	35000 D	ND	ND	37570
04/22/2002	A2391102	8021	ND	ND	ND	ND	540	ND	ND	ND	22000	ND	ND	22540
07/17/2002	A2732602	8021	ND	ND	ND	ND	1500	ND	4700	ND	73000	ND	ND	79200
10/15/2002	A2A23602	8021	ND	ND	ND	ND	ND	ND	7100	ND	41000	ND	ND	48100
01/24/2003	A3075209	8021	ND	ND	ND	ND	ND	ND	1900	ND	10000	ND	ND	11900
04/24/2003	A3389604	8021	ND	ND	ND	ND	530	ND	2100	ND	23000	ND	ND	25630
07/22/2003	A3699407	8021	ND	ND	ND	ND	ND	ND	9500	ND	170000	ND	ND	179500
10/22/2003	A3A28301	8021	ND	ND	ND	ND	ND	ND	5300	ND	85000	ND	ND	90300
01/22/2004	A4057101	8021	ND	ND	ND	ND	ND	330	330	ND	12000	ND	ND	12660
04/30/2004	A4402504	8021	ND	ND	ND	ND	ND	ND	ND	ND	24000	ND	ND	24000
07/19/2004	A4682701	8260	ND	ND	ND	ND	3000	ND	3900	ND	71000	ND	ND	77900
07/19/2004	A4682701	8021	ND	ND	ND	ND	ND	ND	7800 E	ND	58000	ND	ND	65800
10/15/2004	A4A20302	8021	ND	ND	ND	3.6	ND	6.5	980 D	ND	15000 D	4	17	16011.1
01/12/2005	A5036104	8260	ND	ND	ND	ND	ND	ND	920	ND	65000 E	ND	ND	65920
01/12/2005	A5036104DL	8260							860 D		51000 D			51860
04/19/2005	A5387403	8260	ND	ND	ND	ND	ND	ND	430	ND	18000	ND	ND	18430
07/15/2005	A5747101	8260/5ML	ND	ND	ND	ND	200	ND	3300	ND	34000 E	ND	320	37820
07/15/2005	A5747101DL	8260/5ML	ND	ND	ND	ND	870 D	ND	2700 D	ND	29000 D	ND	250 D	32820
10/24/2005	A5B97301	8260	ND	ND	0.93 J	12	ND	13	1400 E	0.61 J	12000 E	5.4	42	13473.94
10/24/2005	A5B97301DL	8260	ND	ND	ND	ND	ND	ND	880 D	ND	56000 BD	ND	ND	56880
01/26/2006	A6102405	8260	ND	ND	ND	ND	ND	ND	1000	ND	36000	ND	ND	37000
04/19/2006	6D20002-03RE1	8260	ND	ND	ND	ND	ND	ND	1020	ND	23200 D	ND	78	24298
07/14/2006	6G14010-01	8260	ND	ND	ND	20	115	32	3450	ND	58900 D	ND	198	62715
10/09/2006	6J10002-08	8260	ND	ND	ND	ND	74	ND	975	ND	29100 D	ND	ND	30149
01/09/2007	7A10006-06	8260	ND	ND	ND	ND	235	ND	2580	ND	48700 D	ND	50	51565
04/12/2007	7D13007-04	8260	ND	ND	ND	ND	1160	ND	692	ND	17800	ND	ND	19652
07/16/2007	7G17015-05	8260	ND	ND	ND	ND	1260	ND	4130	ND	71500	ND	ND	76890
10/09/2007	7J10006-05	8260	ND	ND	ND	ND	ND	ND	6730	ND	120000 D	ND	ND	126730
01/07/2008	8A08003-02RE1	8260	ND	ND	ND	ND	500	ND	1280	ND	30500	ND	ND	32280
04/09/2008	8D10002-03	8260	ND	ND	ND	ND	732	ND	4110	ND	101000 D	ND	ND	105842
07/24/2008	5424623	8260	ND	ND	ND	ND	ND	ND	1400	ND	37000	ND	28 J	38428
10/16/2008	5501565	8260	ND	ND	ND	ND	ND	ND	4600	ND	32000	ND	200 J	36800
01/15/2009	5578621	8260	ND	ND	ND	ND	ND	ND	3100	ND	63000	ND	87 J	66187

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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.

FORMER CARBORUNDUM FACILITY

WHEATFIELD, NEW YORK

Well Id: B- 8M

Date	Lab Sample Id	Method	Carbon tetrachloride (ug/L)	Chloroform (ug/L)	1,1-Dichloro-ethane (ug/L)	1,1-Dichloro ethene (ug/L)	Methylene chloride (ug/L)	Trans-1,2-dichloro-ethene (ug/L)	Cis-1,2-dichloro-ethylene (ug/L)	1,1,1-Trichloro-ethane (ug/L)	Trichloro-ethene (TCE) (ug/L)	Tetrachloro-ethylene (PCE) (ug/L)	Vinyl chloride (ug/L)	Total (ug/L)
04/13/2009	5647717	8260	ND	ND	ND	ND	ND	ND	3100	ND	61000	ND	120 J	64220
07/07/2009	5718472	8260	ND	ND	ND	ND	ND	ND	1200	ND	25000	ND	30 J	26230
10/07/2009	5800390	8260	ND	ND	ND	12 J	ND	13 J	1900	ND	32000	ND	79	34004
01/20/2010	5888925	8260	ND	ND	ND	ND	ND	ND	4600	ND	80000	ND	210 J	84810
04/14/2010	5954138	8260	ND	ND	ND	ND	ND	ND	2700	ND	84000	ND	ND	86700
07/15/2010	6033918	8260	ND	ND	ND	ND	ND	ND	5600	ND	94000	ND	410 J	100010
10/14/2010	6113377	8260	ND	ND	ND	13 J	ND	17 J	3000	ND	60000	6.6 J	54	63090.6
01/24/2011	6190819	8260	ND	ND	ND	ND	ND	ND	4600	ND	70000	ND	160 J	74760
04/14/2011	6259039	8260	ND	ND	ND	ND	ND	ND	1400	ND	45000	ND	ND	46400
07/18/2011	6348766	8260	ND	ND	ND	ND	ND	ND	5400	ND	83000	ND	400 J	88800
10/12/2011	6435905	8260	ND	ND	ND	ND	ND	ND	5600	ND	78000	ND	270 J	83870
01/17/2012	6524424	8260	ND	ND	ND	9.7	ND	11	1300	ND	35000	4.5 J	52	36377.2
04/04/2012	6607032	8260	ND	ND	ND	ND	ND	ND	1900	ND	32000	ND	120	34020
07/16/2012	6722032	8260	ND	ND	ND	32	ND	36	5500	ND	56000	11	340	61919
10/04/2012	6814361	8260	ND	ND	ND	ND	ND	ND	5800	ND	84000	ND	100 J	89900
01/23/2013	6932575	8260	ND	ND	ND	ND	ND	ND	2000	ND	51000	ND	ND	53000
04/08/2013	7015031	8260	ND	ND	ND	ND	ND	ND	760	ND	20000	ND	ND	20760
07/02/2013	7117030	8260	ND	ND	ND	ND	ND	ND	770	ND	21000	ND	18 J	21788
11/11/2013	7273097	8260	ND	ND	ND	ND	ND	ND	470	ND	13000	ND	ND	13470
01/17/2014	7341387	8260	ND	ND	ND	ND	ND	ND	260	ND	7700	ND	ND	7960
04/15/2014	7432590	8260	ND	ND	ND	ND	ND	3.2 J	250	ND	7400	2.7 J	ND	7655.9
07/09/2014	7527876	8260	ND	8.5	ND	2.2	ND	3.1	300	ND	7000	2.3	4	7320.1
10/03/2014	7625307	8260	ND	11	ND	4.3 J	ND	5.3	720	ND	10000	3.0 J	10	10753.6
01/06/2015	7731160	8260	ND	5.0 J	ND	ND	ND	ND	800	ND	11000	ND	ND	11805
04/22/2015	7858500	8260	ND	5.7 J	ND	ND	ND	5.6 J	660	ND	16000	ND	12	16683.3

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FORMER CARBORUNDUM FACILITY

WHEATFIELD, NEW YORK

Well Id: B- 9M

Date	Lab Sample Id	Method	Carbon tetrachloride (ug/L)	Chloroform (ug/L)	1,1-Dichloro-ethane (ug/L)	1,1-Dichloro ethene (ug/L)	Methylene chloride (ug/L)	Trans-1,2-dichloro-ethene (ug/L)	Cis-1,2-dichloro-ethylene (ug/L)	1,1,1-Trichloro-ethane (ug/L)	Trichloro-ethene (TCE) (ug/L)	Tetrachloro-ethylene (PCE) (ug/L)	Vinyl chloride (ug/L)	Total (ug/L)
07/17/2002	A2732703	8021	ND	ND	ND	ND	ND	ND	7.4	ND	23	1.7	ND	32.1
07/02/2003	A3639709	8021	ND	ND	ND	ND	ND	ND	1.4	ND	2.8	ND	ND	4.2
06/29/2004	A4614511	8021	ND	ND	ND	ND	ND	ND	ND	ND	2	ND	ND	2
07/07/2005	A5706807	8260	ND	ND	ND	ND	ND	ND	2.7	ND	5.4	1.4	ND	9.5
10/24/2005	A5B97302	8260	ND	ND	ND	ND	ND	ND	ND	ND	1.3 B	ND	ND	1.3
01/24/2006	A6089109	8260	ND	ND	ND	ND	ND	ND	ND	ND	0.67 J	ND	ND	0.67
04/12/2006	6D13005-05	8260	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
07/13/2006	6G14009-05	8260	ND	ND	ND	ND	3	ND	2	ND	3	ND	ND	8
10/09/2006	6J10002-07	8260	ND	ND	ND	ND	ND	ND	1	ND	4	ND	ND	5
01/05/2007	7A05012-03	8260	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
04/04/2007	7D05011-05	8260	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
07/10/2007	7G11015-03	8260	ND	ND	ND	ND	ND	ND	ND	ND	1	ND	ND	1
10/09/2007	7J10006-10	8260	ND	ND	ND	ND	ND	ND	2	ND	ND	ND	ND	2
01/07/2008	8A08003-03	8260	ND	ND	ND	ND	3	ND	ND	ND	ND	ND	ND	3
04/07/2008	8D08002-07	8260	ND	ND	ND	ND	2 B	ND	ND	ND	ND	ND	ND	2
07/16/2008	5417444	8260	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
01/21/2009	5582424	8260	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
04/16/2009	5649164	8260	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
07/07/2009	5718463	8260	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
10/06/2009	5799006	8260	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
01/20/2010	5888926	8260	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
04/06/2010	5946904	8260	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
07/12/2010	6030559	8260	ND	ND	ND	ND	ND	ND	0.85 J	ND	1.7 J	ND	ND	2.55
01/24/2011	6190818	8260	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
04/12/2011	6256716	8260	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
07/12/2011	6342647	8260	ND	ND	ND	ND	ND	ND	ND	ND	1.1 J	ND	ND	1.1
10/10/2011	6433665	8260	ND	ND	ND	ND	ND	ND	2.3 J	ND	5.4	4.1 J	ND	11.8
01/17/2012	6524423	8260	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
04/03/2012	6605292	8260	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
07/11/2012	6717362	8260	ND	ND	ND	ND	ND	ND	ND	ND	1.1 J	ND	ND	1.1
10/04/2012	6814363	8260	ND	ND	ND	ND	ND	ND	ND	ND	2.7 J	2.5 J	ND	5.2
01/17/2013	6926981	8260	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
04/08/2013	7015032	8260	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
07/02/2013	7117034	8260	ND	ND	ND	ND	ND	ND	ND	ND	3.2 J	ND	ND	3.2
11/11/2013	7273094	8260	ND	ND	ND	ND	ND	ND	ND	ND	1.1 J	ND	ND	1.1
01/17/2014	7341385	8260	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
04/14/2014	7430455	8260	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND

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FORMER CARBORUNDUM FACILITY

WHEATFIELD, NEW YORK

Well Id: B- 9M

Date	Lab Sample Id	Method	Carbon tetrachloride (ug/L)	Chloroform (ug/L)	1,1-Dichloro-ethane (ug/L)	1,1-Dichloro ethene (ug/L)	Methylene chloride (ug/L)	Trans-1,2-dichloro-ethene (ug/L)	Cis-1,2-dichloro-ethylene (ug/L)	1,1,1-Trichloro-ethane (ug/L)	Trichloro-ethene (TCE) (ug/L)	Tetrachloro-ethylene (PCE) (ug/L)	Vinyl chloride (ug/L)	Total (ug/L)
07/09/2014	7527879	8260	ND	ND	ND	ND	ND	ND	ND	ND	2.1	0.78 J	ND	2.88
10/03/2014	7625306	8260	ND	ND	ND	ND	ND	ND	0.79 J	ND	2.6	2.5	ND	5.89
01/08/2015	7734021	8260	ND	ND	ND	ND	ND	ND	ND	ND	3.5	9.3	ND	12.8
04/14/2015	7847244	8260	ND	ND	ND	ND	ND	ND	2.8	ND	5.4	ND	ND	8.2

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FORMER CARBORUNDUM FACILITY

WHEATFIELD, NEW YORK

Well Id: B-10M

Date	Lab Sample Id	Method	Carbon tetrachloride (ug/L)	Chloroform (ug/L)	1,1-Dichloro-ethane (ug/L)	1,1-Dichloro ethene (ug/L)	Methylene chloride (ug/L)	Trans-1,2-dichloro-ethene (ug/L)	Cis-1,2-dichloro-ethylene (ug/L)	1,1,1-Trichloro-ethane (ug/L)	Trichloro-ethene (TCE) (ug/L)	Tetrachloro-ethylene (PCE) (ug/L)	Vinyl chloride (ug/L)	Total (ug/L)
07/10/2001	A1648708	8021	ND	ND	0.72 J	ND	1.1 J	0.64 J	21	4.3	43	ND	ND	70.76
07/16/2002	A2722907	8021	ND	ND	ND	ND	2.6	ND	14	4.3	56	ND	ND	76.9
04/25/2003	A3389601	8021	ND	ND	ND	ND	1.5 J	ND	10	3.6	52	ND	ND	67.1
07/18/2003	A3689004	8021	ND	ND	ND	ND	ND	ND	7.4	2.6	40	ND	ND	50
10/22/2003	A3A21906	8021	ND	ND	ND	ND	ND	ND	19	5.1	92	ND	ND	116.1
04/29/2004	A4402501	8021	ND	ND	ND	ND	ND	ND	10	3.8	59	ND	ND	72.8
07/16/2004	A4674302	8260	ND	ND	ND	ND	1.3 J	ND	4.6	2	36	ND	ND	43.9
07/16/2004	A4674302	8021	ND	ND	1.3	ND	3.8 E	1.9 E	7.6 E	3.7 E	45 E	ND	ND	63.3
10/15/2004	A4A20301	8021	ND	ND	ND	ND	1.3	0.51 J	12	4.1	39	ND	ND	56.91
04/19/2005	A5387402	8260	ND	ND	ND	ND	ND	0.49 J	6	3.5	40 E	ND	ND	49.99
04/19/2005	A5387402DL	8260	ND	ND	ND	ND	ND	ND	5.7 D	3.3 D	40 D	ND	ND	49
07/20/2005	A5762302	8260/5ML	ND	ND	0.7 J	ND	ND	0.75 J	9.1	4.8	45	ND	ND	60.35
10/24/2005	A5B97303	8260	ND	ND	0.67 J	ND	ND	0.63 J	11	4.6	55 B	ND	ND	71.9
04/19/2006	6D20002-02	8260	ND	ND	ND	ND	ND	ND	5	3	30	ND	ND	38
07/18/2006	6G19003-01	8260	ND	ND	ND	ND	4 B	ND	13	6	42	ND	ND	65
10/11/2006	6J12003-07RE1	8260	ND	ND	ND	ND	ND	ND	9	5	53	ND	ND	67
04/18/2007	7D19009-02	8260	ND	ND	ND	ND	ND	ND	4	3	27	ND	ND	34
07/10/2007	7G11015-04	8260	ND	ND	ND	ND	ND	ND	6	4	36	ND	ND	46
10/09/2007	7J10006-11	8260	ND	ND	ND	ND	ND	1	15	5	51	ND	ND	72
04/09/2008	8D10002-01	8260	ND	ND	ND	ND	3	ND	7	3	58	ND	ND	71
07/24/2008	5424625	8260	ND	ND	ND	ND	ND	0.81 J	8.4	4.2 J	43	ND	ND	56.41
10/20/2008	5504259	8260	ND	ND	ND	ND	ND	0.98 J	12	5.1	61	ND	ND	79.08
04/20/2009	5651166	8260	ND	ND	ND	ND	ND	ND	5	3 J	35	ND	ND	43
07/07/2009	5718465	8260	ND	ND	ND	ND	ND	ND	5.5	2.9 J	35	ND	ND	43.4
10/06/2009	5799010	8260	ND	ND	ND	ND	ND	ND	6.5	3.6 J	46	ND	ND	56.1
04/14/2010	5954139	8260	ND	ND	ND	ND	ND	ND	3.9 J	2.4 J	31	ND	ND	37.3
07/12/2010	6030558	8260	ND	ND	ND	ND	ND	ND	5.1	2.8 J	30	ND	ND	37.9
10/18/2010	6115530	8260	ND	ND	ND	ND	ND	1.3 J	16	4.8 J	66	ND	ND	88.1
04/21/2011	6266005	8260	ND	ND	ND	ND	ND	ND	3.3 J	1.6 J	27	ND	ND	31.9
07/20/2011	6352277	8260	ND	ND	ND	ND	ND	ND	4.1 J	2.5 J	32	ND	ND	38.6
10/10/2011	6433666	8260	ND	ND	ND	ND	ND	ND	8.3	3.3 J	46	ND	ND	57.6
04/05/2012	6608275	8260	ND	ND	ND	ND	ND	ND	2.4 J	1.3 J	32	ND	ND	35.7
07/11/2012	6717352	8260	ND	ND	ND	ND	ND	ND	5.4	3.2 J	32	ND	ND	40.6
10/04/2012	6814364	8260	ND	ND	ND	ND	ND	0.86 J	9.4	4.0 J	44	ND	ND	58.26
04/02/2013	7007576	8260	ND	ND	ND	ND	ND	ND	3.1 J	2.3 J	27	ND	ND	32.4
07/02/2013	7117035	8260	ND	ND	ND	ND	ND	ND	3.2 J	2.1 J	28	ND	ND	33.3
11/14/2013	7278188	8260	ND	ND	ND	ND	ND	ND	ND	1.7 J	22	ND	ND	23.7

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FORMER CARBORUNDUM FACILITY

WHEATFIELD, NEW YORK

Well Id: B-10M

Date	Lab Sample Id	Method	Carbon tetrachloride (ug/L)	Chloroform (ug/L)	1,1-Dichloro-ethane (ug/L)	1,1-Dichloro ethene (ug/L)	Methylene chloride (ug/L)	Trans-1,2-dichloro-ethene (ug/L)	Cis-1,2-dichloro-ethylene (ug/L)	1,1,1-Trichloro-ethane (ug/L)	Trichloro-ethene (TCE) (ug/L)	Tetrachloro-ethylene (PCE) (ug/L)	Vinyl chloride (ug/L)	Total (ug/L)
04/22/2014	7439163	8260	ND	ND	ND	ND	ND	ND	1.9	1.8	19	ND	ND	22.7
07/09/2014	7527878	8260	ND	ND	ND	ND	ND	ND	1.7	1.8	20	ND	ND	23.5
10/03/2014	7625300	8260	ND	ND	ND	ND	ND	ND	1.6	1.5	19	ND	ND	22.1
04/21/2015	7856502	8260	ND	ND	ND	ND	ND	ND	3	1.9	21	ND	ND	25.9

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FORMER CARBORUNDUM FACILITY

WHEATFIELD, NEW YORK

Well Id: B-11M

Date	Lab Sample Id	Method	Carbon tetrachloride (ug/L)	Chloroform (ug/L)	1,1-Dichloro-ethane (ug/L)	1,1-Dichloro ethene (ug/L)	Methylene chloride (ug/L)	Trans-1,2-dichloro-ethene (ug/L)	Cis-1,2-dichloro-ethylene (ug/L)	1,1,1-Trichloro-ethane (ug/L)	Trichloro-ethene (TCE) (ug/L)	Tetrachloro-ethylene (PCE) (ug/L)	Vinyl chloride (ug/L)	Total (ug/L)
07/10/2001	A1648706	8021	ND	ND	ND	ND	12	ND	21	ND	270	ND	ND	303
07/16/2002	A2722909	8021	ND	ND	ND	ND	ND	ND	230	ND	1500	ND	ND	1730
07/10/2003	A3654302	8021	ND	ND	ND	ND	ND	ND	160	ND	990	ND	ND	1150
07/07/2004	A4636802	8021	ND	ND	ND	ND	ND	ND	200	ND	1600	35	ND	1835
07/14/2005	A5740602	8260/5ML	ND	ND	ND	1.4	ND	2.7	340 E	ND	710 E	87	1.3 J	1142.4
07/14/2005	A5740602DL	8260/5ML	ND	ND	ND	ND	ND	ND	310 D	ND	2000 D	57 D	ND	2367
07/14/2006	6G14010-04	8260	ND	ND	ND	ND	ND	ND	189	ND	1090	30	ND	1309
07/16/2007	7G17015-08	8260	ND	ND	ND	ND	ND	ND	155	ND	1150	67	ND	1372
07/24/2008	5424624	8260	ND	ND	ND	ND	ND	0.87 J	170	ND	700	21	ND	891.87
07/07/2009	5718478	8260	ND	ND	ND	ND	ND	1.8 J	76	ND	470	21	ND	568.8
07/12/2010	6030557	8260	ND	ND	ND	ND	ND	1.5 J	83	ND	500	26	ND	610.5
07/18/2011	6348762	8260	ND	ND	ND	ND	ND	2.1 J	60	ND	370	20	ND	452.1
07/10/2012	6716079	8260	ND	ND	ND	ND	ND	1.4 J	27	ND	270	15	ND	313.4
07/02/2013	7117036	8260	ND	ND	ND	ND	ND	ND	4.3 J	ND	81	4.4 J	ND	89.7
07/09/2014	7527874	8260	ND	21	ND	ND	ND	ND	ND	ND	2.3	ND	ND	23.3

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FORMER CARBORUNDUM FACILITY

WHEATFIELD, NEW YORK

Well Id: B-12M

Date	Lab Sample Id	Method	Carbon tetrachloride (ug/L)	Chloroform (ug/L)	1,1-Dichloro-ethane (ug/L)	1,1-Dichloro ethene (ug/L)	Methylene chloride (ug/L)	Trans-1,2-dichloro-ethene (ug/L)	Cis-1,2-dichloro-ethylene (ug/L)	1,1,1-Trichloro-ethane (ug/L)	Trichloro-ethene (TCE) (ug/L)	Tetrachloro-ethylene (PCE) (ug/L)	Vinyl chloride (ug/L)	Total (ug/L)
07/18/2002	A2732704	8021	ND	ND	1	ND	ND	ND	30	1.4	74	ND	ND	106.4
07/02/2003	A3639710	8021	ND	ND	8.3	1.8	ND	3.8	87 D	26	82	ND	ND	208.9
06/29/2004	A4614512	8021	ND	ND	4	ND	ND	2.7	71	8.3	240	ND	ND	326
07/08/2005	A5715203	8260/5ML	ND	ND	0.56 J	ND	ND	ND	7.3	1.1	30	ND	ND	38.96
07/18/2006	6G19003-15	8260	ND	ND	9	3	5 B	4	164	8	581 D	ND	6	780
07/09/2007	7G10002-04RE1	8260	ND	ND	1	ND	ND	ND	20	2	77	ND	ND	100
07/16/2008	5417452	8260	ND	ND	69	13	ND	7.8 J	560	110	1600	ND	17	2376.8
07/13/2009	5722292	8260	ND	ND	37	4.3 J	ND	7.1 J	290	78	660	ND	ND	1076.4
07/12/2010	6030550	8260	ND	ND	34	8.5 J	ND	6.4 J	370	64	1700	ND	2.1 J	2185
07/13/2011	6343978	8260	ND	ND	8.9 J	2.7 J	ND	3.2 J	120	14	650	ND	ND	798.8
07/16/2012	6722027	8260	ND	ND	29	7.8	ND	8.6	280	35	1700	ND	ND	2060.4
07/09/2013	7122571	8260	ND	ND	4.7 J	1.8 J	ND	2.1 J	80	8.8	490	ND	ND	587.4
07/08/2014	7526296	8260	ND	ND	2.4	1.1	ND	1.5	53	2.7	320	ND	ND	380.7

ND - Not detected, 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 nondetected values, the data for 2001 to 2004 has been reevaluated and interpreted as follows:

1) Nondetected concentrations have been represented as ND 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.

FORMER CARBORUNDUM FACILITY

WHEATFIELD, NEW YORK

Well Id: B-13M

Date	Lab Sample Id	Method	Carbon tetrachloride (ug/L)	Chloroform (ug/L)	1,1-Dichloro-ethane (ug/L)	1,1-Dichloro ethene (ug/L)	Methylene chloride (ug/L)	Trans-1,2-dichloro-ethene (ug/L)	Cis-1,2-dichloro-ethylene (ug/L)	1,1,1-Trichloro-ethane (ug/L)	Trichloro-ethene (TCE) (ug/L)	Tetrachloro-ethylene (PCE) (ug/L)	Vinyl chloride (ug/L)	Total (ug/L)
04/19/2001	A1361310	624	ND	ND	ND	ND	ND	2.6	67	ND	12	ND	ND	81.6
07/12/2001	A1663807	8021	ND	7.6	ND	ND	5.5	14	720	ND	120	ND	ND	867.1
07/16/2002	A2722911	8021	ND	ND	ND	ND	14	18	1000	ND	140	ND	ND	1172
04/22/2003	A3376301	8021	ND	ND	ND	ND	22	14	1400	ND	1400	ND	82	2918
07/18/2003	A3689003	8021	ND	ND	10	ND	ND	12	1300	ND	470	ND	48	1840
10/22/2003	A3A21905	8021	ND	ND	12	ND	ND	10	1600	ND	310	ND	71	2003
04/27/2004	A4387501	8021	ND	ND	ND	ND	ND	16	1100	ND	89	ND	34	1239
07/13/2004	A4663801	8021	ND	42	16	19	30	27	950	ND	200	ND	40	1324
10/13/2004	A4A09403	8021	ND	ND	18	5.8	1.5 B	14	760 D	2.4	250 D	ND	21	1072.7
04/19/2005	A5387404	8260	ND	ND	21	6.9	ND	10	1100 E	2.6	450 E	ND	22	1612.5
04/19/2005	A5387404DL	8260	ND	ND	ND	ND	ND	ND	1100 D	ND	440 D	ND	ND	1540
07/21/2005	A5768401	8260/5ML	ND	ND	8.5	8.4	ND	24	1100 E	ND	300	ND	9	1449.9
07/21/2005	A5768401DL	8260/5ML	ND	ND	ND	ND	ND	12 D	640 D	ND	110 D	ND	38 D	800
10/20/2005	A5B92004	8260	ND	ND	6.7	ND	6.5 B	20	1000 E	ND	210	ND	13	1256.2
10/20/2005	A5B92004DL	8260	ND	ND	ND	ND	ND	12 D	640 D	ND	140 BD	ND	22 D	814
01/24/2006	A6089113	8260	ND	ND	2.8	ND	4.2	2.3	230	ND	81	ND	4.7	325
04/18/2006	6D19002-03	8260	ND	ND	3	1	ND	5	321 D	ND	137	ND	5	472
07/14/2006	6G14010-05	8260	ND	ND	7	5	9	20	838 D	ND	202	ND	59	1140
10/11/2006	6J12003-01	8260	ND	ND	3	2	ND	8	368 D	ND	73	ND	19	473
01/10/2007	7A11003-05	8260	ND	ND	2	ND	ND	2	225 D	ND	84	ND	7	320
04/12/2007	7D13007-01	8260	ND	ND	1	ND	ND	3	152	ND	63	ND	8	227
07/12/2007	7G13019-08	8260	ND	ND	3	2	ND	10	437 D	ND	127	ND	25	604
10/09/2007	7J10006-02	8260	ND	ND	ND	ND	ND	9	413	ND	122	ND	27	571
01/08/2008	8A09005-01	8260	ND	ND	ND	ND	ND	ND	241	ND	59	ND	ND	300
04/10/2008	8D11008-03	8260	ND	ND	7	ND	12	6	536	ND	456	ND	18	1035
07/24/2008	5424627	8260	ND	ND	4.4 J	4.2 J	ND	14	660	ND	210	ND	33	925.6
10/15/2008	5499970	8260	ND	ND	3.7 J	2.6 J	ND	12	470	ND	180	ND	6.1	674.4
01/14/2009	5577590	8260	ND	ND	4.9 J	2.1 J	ND	3.6 J	260	3.4 J	270	ND	3.4 J	547.4
04/14/2009	5646770	8260	ND	ND	5.2	3.1 J	ND	7	460	3.2 J	460	ND	17	955.5
07/09/2009	5720678	8260	ND	ND	4.7 J	3.7 J	ND	14	640	0.92 J	230	ND	39	932.32
10/05/2009	5797965	8260	ND	ND	4.5 J	3 J	ND	9.7	520	ND	180	ND	33	750.2
01/25/2010	5892345	8260	ND	ND	ND	ND	ND	ND	59	ND	71	ND	1.6 J	131.6
04/13/2010	5953086	8260	ND	ND	4.2 J	2.6 J	ND	5.8	360	2.3 J	340	ND	19	733.9
07/14/2010	6032692	8260	ND	ND	3.3 J	2 J	ND	8	430	ND	140	ND	24	607.3
10/14/2010	6113372	8260	ND	ND	6	4.7 J	ND	18	740	1.2 J	240	ND	13	1022.9
01/25/2011	6191897	8260	ND	ND	3.4 J	0.8 J	ND	2.7 J	200	ND	68	ND	4.5 J	279.4
04/18/2011	6261651	8260	ND	ND	22	4.7 J	ND	4.8 J	500	3 J	490	ND	15	1039.5

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To address the NYSDEC concerns regarding the presentation and plotting of nondetected values, the data for 2001 to 2004 has been reevaluated and interpreted as follows:

1) Nondetected concentrations have been represented as ND for reporting purposes.
2) Total VOCs have been recalculated and represented as the sum of the detected parameters shown on this table.
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FORMER CARBORUNDUM FACILITY

WHEATFIELD, NEW YORK

Well Id: B-13M

Date	Lab Sample Id	Method	Carbon tetrachloride (ug/L)	Chloroform (ug/L)	1,1-Dichloro-ethane (ug/L)	1,1-Dichloro ethene (ug/L)	Methylene chloride (ug/L)	Trans-1,2-dichloro-ethene (ug/L)	Cis-1,2-dichloro-ethylene (ug/L)	1,1,1-Trichloro-ethane (ug/L)	Trichloro-ethene (TCE) (ug/L)	Tetrachloro-ethylene (PCE) (ug/L)	Vinyl chloride (ug/L)	Total (ug/L)
07/12/2011	6342652	8260	ND	ND	12	3.9 J	ND	7.4	450	1.5 J	380	ND	16	870.8
10/11/2011	6434702	8260	ND	ND	8.8 J	5.2 J	ND	15	770	ND	350	ND	8.6 J	1157.6
01/25/2012	6532442	8260	ND	ND	47	10	ND	9.6	780	5.2	870	0.91 J	24	1746.71
04/10/2012	6612005	8260	ND	ND	2.0 J	1.6 J	ND	4.3 J	440	ND	6.0	ND	140	593.9
07/18/2012	6726437	8260	ND	ND	7.3	4.3 J	ND	14	630	0.96 J	260	ND	27	943.56
10/02/2012	6810732	8260	ND	ND	7.5	4.3 J	ND	16	770	ND	240	ND	9.9	1047.7
01/22/2013	6931415	8260	ND	ND	30	4.4 J	ND	4.8 J	420	5.5	420	ND	15	899.7
04/03/2013	7010220	8260	ND	ND	21	3.6 J	ND	4.6 J	370	4.0 J	380	ND	32	815.2
07/08/2013	7120723	8260	ND	ND	26	5.2	ND	4.2 J	460	4.2 J	610	1.5 J	17	1128.1
11/13/2013	7276545	8260	ND	ND	4.9 J	1.0 J	ND	1.2 J	160	1.1 J	190	ND	6.8	365
01/16/2014	7340024	8260	ND	ND	1.9 J	ND	ND	ND	96	ND	120	ND	2.7 J	220.6
04/23/2014	7440680	8260	ND	ND	12	4.5	ND	5.8	510	2.9	650	1.4	20	1206.6
07/08/2014	7526286	8260	ND	ND	1.5	0.62 J	ND	1.6	96	ND	90	ND	3.4	193.12
10/03/2014	7625308	8260	ND	ND	0.98 J	ND	ND	1.2	91	ND	44	ND	1.3	138.48
01/07/2015	7732746	8260	ND	ND	1.9	0.72 J	ND	1.4	120	0.87 J	140	ND	8.2	273.09
04/16/2015	7850970	8260	1.4	ND	18	5.8	ND	5.9	530	7.9	1000	2	14	1585

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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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FORMER CARBORUNDUM FACILITY

WHEATFIELD, NEW YORK

Well Id: B-14M

Date	Lab Sample Id	Method	Carbon tetrachloride (ug/L)	Chloroform (ug/L)	1,1-Dichloro-ethane (ug/L)	1,1-Dichloro ethene (ug/L)	Methylene chloride (ug/L)	Trans-1,2-dichloro-ethene (ug/L)	Cis-1,2-dichloro-ethylene (ug/L)	1,1,1-Trichloro-ethane (ug/L)	Trichloro-ethene (TCE) (ug/L)	Tetrachloro-ethylene (PCE) (ug/L)	Vinyl chloride (ug/L)	Total (ug/L)
07/17/2002	A2732701	8021	ND	ND	ND	ND	ND	ND	160	ND	730	ND	ND	890
07/02/2003	A3639711	8021	ND	ND	ND	ND	ND	0.83 J	39	ND	260 D	ND	ND	299.83
06/29/2004	A4614507	8021	ND	ND	ND	ND	12	ND	9.1	ND	120	ND	ND	141.1
06/29/2004	A4614507RE	8021	ND	ND	ND	ND	13	ND	10	ND	130	ND	ND	153
07/08/2005	A5715204	8260/5ML	ND	ND	ND	ND	ND	1.8	96	ND	560 E	9	ND	666.8
07/08/2005	A5715204DL	8260/5ML	ND	ND	ND	ND	ND	ND	81 D	ND	500 D	6.7 D	ND	587.7
07/13/2006	6G14009-04	8260	ND	ND	ND	ND	ND	ND	306	ND	1500 D	9	17	1832
07/10/2007	7G11015-02RE1	8260	ND	ND	ND	ND	ND	ND	67	ND	541	11	ND	619
07/21/2008	5420898	8260	ND	ND	ND	ND	ND	1.1 J	130	ND	300	3.9 J	ND	435
07/18/2011	6348761	8260	ND	ND	ND	ND	ND	1.1 J	64	ND	360	4.3 J	ND	429.4
07/09/2013	7122569	8260	ND	ND	ND	ND	ND	ND	28	ND	54	ND	ND	82
07/09/2014	7527873	8260	ND	18	ND	ND	ND	ND	5.8	ND	51	ND	0.58 J	75.38

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To address the NYSDEC concerns regarding the presentation and plotting of nondetected 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.
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FORMER CARBORUNDUM FACILITY

WHEATFIELD, NEW YORK

Well Id: B-15M

Date	Lab Sample Id	Method	Carbon tetrachloride (ug/L)	Chloroform (ug/L)	1,1-Dichloro-ethane (ug/L)	1,1-Dichloro ethene (ug/L)	Methylene chloride (ug/L)	Trans-1,2-dichloro-ethene (ug/L)	Cis-1,2-dichloro-ethylene (ug/L)	1,1,1-Trichloro-ethane (ug/L)	Trichloro-ethene (TCE) (ug/L)	Tetrachloro-ethylene (PCE) (ug/L)	Vinyl chloride (ug/L)	Total (ug/L)
07/12/2001	A1663802	8021	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
07/09/2002	A2695507	8021	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
08/05/2002	A2793603	8021	ND	ND	ND	ND	ND	ND	ND	ND	1.4	ND	ND	1.4
07/15/2003	A3670606	8021	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
07/15/2004	A4674101	8260	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
07/15/2004	A4674101	8021	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
07/20/2005	A5762203	8260/5ML	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
07/19/2006	6G20004-12	8260	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
07/17/2007	7G18027-08	8260	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
07/21/2008	5420897	8260	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
07/08/2009	5719628	8260	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
07/19/2010	6036144	8260	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
07/12/2011	6342642	8260	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
07/11/2012	6717356	8260	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
07/10/2013	7123810	8260	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
07/15/2014	7534310	8260	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND

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To address the NYSDEC concerns regarding the presentation and plotting of nondetected values, the data for 2001 to 2004 has been reevaluated and interpreted as follows:

1) Nondetected concentrations have been represented as ND for reporting purposes.
2) Total VOCs have been recalculated and represented as the sum of the detected parameters shown on this table.
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FORMER CARBORUNDUM FACILITY

WHEATFIELD, NEW YORK

Well Id: B-16M

Date	Lab Sample Id	Method	Carbon tetrachloride (ug/L)	Chloroform (ug/L)	1,1-Dichloro-ethane (ug/L)	1,1-Dichloro ethene (ug/L)	Methylene chloride (ug/L)	Trans-1,2-dichloro-ethene (ug/L)	Cis-1,2-dichloro-ethylene (ug/L)	1,1,1-Trichloro-ethane (ug/L)	Trichloro-ethene (TCE) (ug/L)	Tetrachloro-ethylene (PCE) (ug/L)	Vinyl chloride (ug/L)	Total (ug/L)
07/17/2002	A2732702	8021	ND	ND	ND	ND	ND	ND	ND	ND	2.3	ND	ND	2.3
07/02/2003	A3639712	8021	ND	ND	ND	ND	ND	ND	ND	ND	4.7	ND	ND	4.7
07/02/2003	A3639712RE	8021	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
06/29/2004	A4614510	8021	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
07/08/2005	A5715205	8260/5ML	ND	ND	ND	ND	ND	ND	ND	ND	0.77 J	ND	ND	0.77
07/13/2006	6G14009-03	8260	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
07/18/2007	7G19011-07	8260	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
07/17/2008	5418429	8260	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
07/08/2009	5719617	8260	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
07/12/2010	6030553	8260	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
07/25/2011	6355558	8260	ND	ND	ND	ND	ND	ND	1.1 J	ND	ND	ND	ND	1.1
07/10/2012	6716069	8260	ND	ND	ND	ND	ND	ND	1.2 J	ND	ND	ND	ND	1.2
07/09/2013	7122570	8260	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
07/10/2014	7529504	8260	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND

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To address the NYSDEC concerns regarding the presentation and plotting of nondetected values, the data for 2001 to 2004 has been reevaluated and interpreted as follows:

1) Nondetected concentrations have been represented as ND for reporting purposes.
2) Total VOCs have been recalculated and represented as the sum of the detected parameters shown on this table.
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FORMER CARBORUNDUM FACILITY

WHEATFIELD, NEW YORK

Well Id: B-17M

Date	Lab Sample Id	Method	Carbon tetrachloride (ug/L)	Chloroform (ug/L)	1,1-Dichloro-ethane (ug/L)	1,1-Dichloro ethene (ug/L)	Methylene chloride (ug/L)	Trans-1,2-dichloro-ethene (ug/L)	Cis-1,2-dichloro-ethylene (ug/L)	1,1,1-Trichloro-ethane (ug/L)	Trichloro-ethene (TCE) (ug/L)	Tetrachloro-ethylene (PCE) (ug/L)	Vinyl chloride (ug/L)	Total (ug/L)
01/13/2001	A1041308	8021	ND	ND	ND	ND	ND	ND	3100	ND	8000	ND	ND	11100
04/20/2001	A1366401	624	ND	ND	100 E	9.7	ND	30	1500 D	9.4	5300 D	3.6	6.1	6958.8
07/11/2001	A1648713	8021	ND	ND	ND	ND	180	ND	3700	ND	8400	ND	ND	12280
10/16/2001	A1A17410	8021	ND	ND	ND	ND	1000	ND	2600	ND	29000	ND	ND	32600
01/25/2002	A2081503	8021	ND	140	ND	ND	140	ND	4500	ND	2800	ND	91	7671
04/22/2002	A2391101	8021	ND	ND	ND	ND	76	ND	12000	ND	4300	ND	2100	18476
07/17/2002	A2732601	8021	ND	ND	ND	ND	160	ND	8600	ND	5500	ND	1800	16060
10/15/2002	A2A23603	8021	ND	ND	ND	ND	1000	ND	49000	ND	17000	ND	4300	71300
01/24/2003	A3075207	8021	ND	ND	ND	ND	190	ND	12000	ND	7100	ND	2600	21890
04/23/2003	A3376304	8021	ND	ND	ND	ND	ND	ND	12000	ND	4400	ND	1400	17800
07/22/2003	A3699406	8021	ND	ND	ND	ND	ND	ND	13000	ND	3800	ND	1100	17900
10/22/2003	A3A28302	8021	ND	ND	ND	ND	170	ND	20000	ND	2500	ND	2600	25270
01/21/2004	A4053403	8021	ND	ND	ND	ND	ND	ND	7800	ND	5600	ND	620	14020
04/28/2004	A4387504	8021	ND	ND	ND	ND	ND	ND	8100	ND	5300	ND	700	14100
07/09/2004	A4647102	8021	ND	ND	120	220	ND	ND	14000	ND	3500	ND	1600	19440
10/08/2004	A4994203	8021	ND	ND	ND	ND	ND	ND	7700	ND	3300	ND	640	11640
01/18/2005	A5051102	8260	ND	ND	100	52	ND	ND	9600	ND	7800	ND	1300	18852
04/19/2005	A5387401	8260	ND	ND	ND	ND	ND	ND	13000 E	ND	6900	ND	1300	21200
04/19/2005	A5387401DL	8260	ND	ND	ND	ND	ND	ND	12000 D	ND	6700 D	ND	1200 D	19900
07/21/2005	A5768404	8260/5ML	ND	ND	110	ND	ND	130	15000	ND	8600	ND	1500	25340
10/21/2005	A5B92803	8260	ND	ND	69	43	ND	60	3300 E	120 E	2900 E	0.98 J	850 E	7342.98
10/21/2005	A5B92803DL	8260	ND	ND	ND	ND	ND	ND	9500 D	140 D	8900 D	ND	1000 D	19540
01/26/2006	A6102401	8260	ND	ND	67	ND	ND	ND	4300	ND	8400	ND	470	13237
04/19/2006	6D20002-04RE1	8260	ND	ND	48	39	ND	60	9570 D	ND	7730 D	ND	1210	18657
07/18/2006	6G19003-05	8260	ND	ND	72	40	212 B	61	8250 D	34	8170 D	ND	1320	18159
10/09/2006	6J10002-09	8260	ND	ND	66	28	129	36	6730 D	175	12000 D	ND	798	19962
01/09/2007	7A10006-08	8260	ND	ND	ND	ND	227	ND	5190	ND	12800 D	ND	372	18589
04/12/2007	7D13007-03	8260	ND	ND	ND	ND	ND	ND	3100	ND	3100	ND	475	6675
07/16/2007	7G17015-01	8260	ND	ND	ND	ND	ND	ND	8490	ND	2940	ND	1510	12940
10/09/2007	7J10006-08	8260	ND	ND	ND	ND	277	ND	12300	ND	3150	ND	2540	18267
01/07/2008	8A08003-10	8260	ND	ND	129	ND	350	ND	4910	ND	3070	ND	718	9177
04/09/2008	8D10002-02	8260	ND	ND	184	ND	468	ND	5820	70	2530	ND	1020	10092
07/25/2008	5426027	8260	ND	ND	71	44 J	ND	45 J	8000	11 J	3800	ND	1300	13271
10/14/2008	5498684	8260	ND	ND	100	50 J	ND	52	11000	10 J	3900	ND	1500	16612
01/14/2009	5577592	8260	ND	ND	180	39	ND	34	5900	49	2800	5.8 J	910	9917.8
04/15/2009	5647720	8260	ND	ND	210	49 J	ND	35 J	6600	75	3900	9.4 J	750	11628.4
07/07/2009	5718470	8260	ND	ND	120	50	ND	62	14000	20 J	3700	ND	2200	20152

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To address the NYSDEC concerns regarding the presentation and plotting of nondetected values, the data for 2001 to 2004 has been reevaluated and interpreted as follows:

1) Nondetected concentrations have been represented as ND 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.

FORMER CARBORUNDUM FACILITY

WHEATFIELD, NEW YORK

Well Id: B-17M

Date	Lab Sample Id	Method	Carbon tetrachloride (ug/L)	Chloroform (ug/L)	1,1-Dichloro-ethane (ug/L)	1,1-Dichloro ethene (ug/L)	Methylene chloride (ug/L)	Trans-1,2-dichloro-ethene (ug/L)	Cis-1,2-dichloro-ethylene (ug/L)	1,1,1-Trichloro-ethane (ug/L)	Trichloro-ethene (TCE) (ug/L)	Tetrachloro-ethylene (PCE) (ug/L)	Vinyl chloride (ug/L)	Total (ug/L)
10/07/2009	5800387	8260	ND	ND	84	52	ND	44	7500	12	4900	2.3 J	960	13554.3
01/20/2010	5888921	8260	ND	ND	220	39 J	ND	32 J	6300	67	3000	ND	620	10278
04/12/2010	5951990	8260	ND	ND	260	65	ND	39 J	7400	93	7900	14 J	820	16591
07/14/2010	6032688	8260	ND	ND	110	46 J	ND	53	14000	14 J	4300	ND	1700	20223
10/14/2010	6113376	8260	ND	ND	35 J	26 J	ND	27 J	8600	ND	4500	ND	940	14128
01/25/2011	6191890	8260	ND	ND	90	35 J	ND	42 J	7400	15 J	6100	ND	720	14402
04/19/2011	6263087	8260	ND	ND	36	29	ND	54	14000	21 J	5300	ND	1400	20840
07/13/2011	6343974	8260	ND	ND	150	47 J	ND	47 J	11000	32 J	6600	ND	1200	19076
10/12/2011	6435901	8260	ND	ND	52	32 J	ND	36 J	8500	ND	6800	ND	890	16310
01/16/2012	6523837	8260	ND	ND	130	40 J	ND	35 J	7200	21 J	6100	ND	790	14316
04/09/2012	6610602	8260	ND	ND	45 J	35 J	ND	48 J	8900	ND	7800	ND	1200	18028
07/18/2012	6726431	8260	ND	ND	170	67	ND	69	15000	20 J	6300	ND	2200	23826
10/02/2012	6810730	8260	ND	ND	95	49 J	ND	46 J	12000	9.1 J	4600	ND	1600	18399.1
01/23/2013	6932578	8260	ND	ND	66	42 J	ND	40 J	8000	15 J	6500	ND	960	15623
04/04/2013	7011179	8260	ND	ND	54	36	ND	41	9900	7.9 J	7900	ND	1200	19138.9
07/08/2013	7120732	8260	ND	ND	76	47	ND	51	10000	14	5200	4.1 J	1200	16592.1
11/12/2013	7275077	8260	ND	ND	75	47 J	ND	50 J	11000	15 J	6700	ND	1400	19287
01/16/2014	7340032	8260	ND	ND	110	34 J	ND	31 J	6200	22 J	4200	10 J	500	11107
04/16/2014	7433449	8260	ND	ND	77	39	ND	34	6300	17	8300	7.7 J	660	15434.7
07/11/2014	7531034	8260	ND	ND	83	40	ND	34	7700	20	4600	15	1200	13692
10/06/2014	7626653	8260	ND	ND	63	30	ND	26	5300	12	3100	11	1100	9642
01/07/2015	7732756	8260	ND	ND	120	32	ND	21	4200	36	3100	18	470	7997
04/20/2015	7856493	8260	ND	ND	160	54	ND	29	4400	36	3600	23	360	8662

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FORMER CARBORUNDUM FACILITY

WHEATFIELD, NEW YORK

Well Id: B-18M

Date	Lab Sample Id	Method	Carbon tetrachloride (ug/L)	Chloroform (ug/L)	1,1-Dichloro-ethane (ug/L)	1,1-Dichloro ethene (ug/L)	Methylene chloride (ug/L)	Trans-1,2-dichloro-ethene (ug/L)	Cis-1,2-dichloro-ethylene (ug/L)	1,1,1-Trichloro-ethane (ug/L)	Trichloro-ethene (TCE) (ug/L)	Tetrachloro-ethylene (PCE) (ug/L)	Vinyl chloride (ug/L)	Total (ug/L)
01/11/2001	A1035105	8021	ND	ND	2.2	ND	ND	1.2	12	1.6	ND	ND	13	30
04/19/2001	A1361313	624	ND	ND	0.38	ND	ND	ND	2.5	ND	0.24	ND	3.4	6.52
07/12/2001	A1663803	8021	ND	ND	1.9	ND	ND	0.51 J	12	0.47 J	0.56 J	ND	15	30.44
10/12/2001	A1A01001	8021	ND	ND	1	ND	ND	1	28	ND	0.71 J	ND	13	43.71
01/14/2002	A2039402	8021	ND	ND	0.73 J	ND	ND	2.4	61 D	ND	1.8	ND	17	82.93
04/08/2002	A2332602	8260	ND	ND	0.59 J	ND	ND	2.8	56	ND	1.7	ND	12	73.09
07/08/2002	A2695503	8021	ND	ND	ND	ND	ND	1.9	59	ND	ND	ND	22	82.9
10/02/2002	A2980603	8021	ND	ND	0.62 J	ND	ND	2.2	30	ND	0.82 J	ND	14	47.64
01/13/2003	A3038004	8021	ND	ND	0.62 J	ND	ND	1.4	18	ND	ND	ND	14	34.02
04/21/2003	A3370801	8021	ND	ND	0.44 J	ND	1.8 J	3.3	78	ND	4.9	ND	18	106.44
07/14/2003	A3670602	8021	ND	ND	ND	ND	ND	2.6	78	ND	ND	ND	12	92.6
10/15/2003	A3998705	8021	ND	ND	ND	ND	ND	ND	36	ND	ND	ND	19	55
01/07/2004	A4012302	8021	ND	ND	ND	ND	ND	5.7	120	ND	ND	ND	6.1	131.8
04/29/2004	A4402301	8021	ND	ND	ND	ND	ND	1.8	26	ND	ND	ND	16	43.8
07/14/2004	A4664201	8021	ND	ND	ND	ND	ND	2.4	13	ND	ND	ND	11	26.4
10/15/2004	A4A20701	8021	ND	ND	ND	ND	1.2	1.4	33	ND	ND	ND	9	44.6
01/12/2005	A5036402	8260	ND	ND	ND	ND	ND	2.9	45	ND	ND	ND	9	56.9
04/04/2005	A5307809	8260	ND	ND	ND	ND	ND	4.7	72	ND	ND	ND	11	87.7
07/15/2005	A5747001	8260	ND	ND	ND	ND	1.8 J	6.6	92 E	ND	ND	ND	32	132.4
07/15/2005	A5747001DL	8260	ND	ND	ND	ND	2.6 D	5.2 D	75 D	ND	ND	ND	26 D	108.8
07/14/2006	6G14010-03	8260	ND	ND	ND	ND	ND	2	23	ND	1	ND	9	35
07/05/2007	7G06018-01	8260	ND	ND	ND	ND	ND	1	27	ND	ND	ND	11	39
07/23/2008	5423260	8260	ND	ND	ND	ND	ND	1.1 J	26	ND	ND	ND	11	38.1
07/07/2009	5718468	8260	ND	ND	ND	ND	ND	ND	11	ND	ND	ND	5.5	16.5
07/15/2010	6033922	8260	ND	ND	ND	ND	ND	ND	6.5	ND	ND	ND	5.4	11.9
07/18/2011	6348765	8260	ND	ND	ND	ND	ND	ND	8.1	ND	ND	ND	4.6 J	12.7
07/16/2012	6722031	8260	ND	ND	ND	ND	ND	ND	7.0	ND	ND	ND	4.0 J	11
07/02/2013	7117032	8260	ND	ND	ND	ND	ND	ND	6.8	ND	29	ND	1.7 J	37.5
07/09/2014	7527877	8260	ND	ND	ND	ND	ND	1.7	40	ND	4.5	ND	14	60.2

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To address the NYSDEC concerns regarding the presentation and plotting of nondetected values, the data for 2001 to 2004 has been reevaluated and interpreted as follows:

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FORMER CARBORUNDUM FACILITY

WHEATFIELD, NEW YORK

Well Id: B-19M

Date	Lab Sample Id	Method	Carbon tetrachloride (ug/L)	Chloroform (ug/L)	1,1-Dichloro-ethane (ug/L)	1,1-Dichloro ethene (ug/L)	Methylene chloride (ug/L)	Trans-1,2-dichloro-ethene (ug/L)	Cis-1,2-dichloro-ethylene (ug/L)	1,1,1-Trichloro-ethane (ug/L)	Trichloro-ethene (TCE) (ug/L)	Tetrachloro-ethylene (PCE) (ug/L)	Vinyl chloride (ug/L)	Total (ug/L)
01/12/2001	A1035110	8021	ND	ND	1.4	ND	ND	ND	6.4	1.5	0.32 J	ND	1.4 J	11.02
04/19/2001	A1361309	624	ND	ND	ND	ND	ND	ND	1.3	ND	ND	ND	ND	1.3
07/12/2001	A1663806	8021	ND	ND	0.32 J	ND	ND	ND	5.5	0.27 J	0.95 J	ND	0.56 J	7.6
10/12/2001	A1A01005	8021	ND	ND	ND	ND	ND	ND	2.4	ND	0.25 J	ND	0.24 J	2.89
01/14/2002	A2039401	8021	ND	ND	0.25 J	ND	ND	ND	3.4	0.25 J	0.98 J	ND	1 J	5.88
04/08/2002	A2332601	8260	ND	ND	0.37 J	ND	ND	ND	3.4	0.22 J	0.37 J	0.24 J	0.35 J	4.95
07/08/2002	A2695501	8021	ND	ND	ND	ND	ND	ND	4.6	ND	ND	ND	ND	4.6
10/02/2002	A2980601	8021	ND	ND	0.32 J	ND	ND	ND	4.2	0.36 J	1.1 J	ND	0.43 J	6.41
01/13/2003	A3038002	8021	ND	ND	ND	ND	ND	ND	2.9	ND	1.4	ND	0.37 J	4.67
04/22/2003	A3376401	8021	ND	ND	0.31 J	ND	ND	ND	4.6	0.33 J	ND	ND	0.92 J	6.16
07/14/2003	A3670601	8021	ND	ND	0.24 J	ND	ND	ND	4.9	0.21 J	0.28 J	ND	0.51 J	6.14
10/15/2003	A3998704	8021	ND	ND	ND	ND	ND	ND	3.4	ND	ND	ND	ND	3.4
01/07/2004	A4012301	8021	ND	ND	ND	ND	ND	ND	2.4	ND	ND	ND	ND	2.4
04/27/2004	A4387401	8021	ND	ND	ND	ND	ND	ND	7.2	ND	ND	ND	ND	7.2
07/13/2004	A4664209	8021	ND	ND	ND	ND	ND	ND	5.4	ND	ND	ND	ND	5.4
10/13/2004	A4A09501	8021	ND	ND	ND	ND	ND	ND	11	0.57 J	ND	ND	1	12.57
01/12/2005	A5036401	8260	ND	ND	ND	ND	ND	ND	3.7	ND	0.41 J	ND	0.98 J	5.09
04/04/2005	A5307808	8260	ND	ND	ND	ND	ND	ND	3.7	ND	0.32 BJ	ND	0.75 J	4.77
07/21/2005	A5768301	8260/5ML	ND	ND	ND	ND	ND	ND	6.3	ND	ND	ND	1 J	7.3
10/20/2005	A5B91902	8260	ND	ND	ND	ND	ND	ND	4	ND	0.51 J	ND	0.92 J	5.43
01/24/2006	A6089112	8260	ND	ND	ND	ND	ND	ND	4.2	ND	0.56 J	ND	1.3 J	6.06
04/18/2006	6D19002-04	8260	ND	ND	ND	ND	2	ND	3	ND	ND	ND	ND	5
07/14/2006	6G14010-06	8260	ND	ND	ND	ND	8	ND	3	ND	ND	ND	ND	11
10/11/2006	6J12003-08	8260	ND	ND	ND	ND	ND	ND	5	ND	1	ND	ND	6
01/08/2007	7A09003-05	8260	ND	ND	ND	ND	ND	ND	3	ND	ND	ND	ND	3
04/12/2007	7D13007-02	8260	ND	ND	ND	ND	8	ND	4	ND	ND	ND	ND	12
07/10/2007	7G11015-05	8260	ND	ND	ND	ND	ND	ND	3	ND	4	ND	ND	7
10/09/2007	7J10006-03	8260	ND	ND	ND	ND	ND	ND	2	ND	16	ND	ND	18
01/07/2008	8A08003-05	8260	ND	ND	ND	ND	2	ND	3	ND	ND	ND	ND	5
04/10/2008	8D11008-02	8260	ND	ND	ND	ND	ND	ND	4	ND	ND	ND	ND	4
07/16/2008	5417449	8260	ND	ND	ND	ND	ND	ND	2.5 J	ND	ND	ND	ND	2.5
10/15/2008	5499969	8260	ND	ND	ND	ND	ND	ND	3.8 J	ND	2.2 J	ND	ND	6
01/14/2009	5577589	8260	ND	ND	ND	ND	ND	ND	2.6 J	ND	ND	ND	ND	2.6
04/14/2009	5646769	8260	ND	ND	ND	ND	ND	ND	3.5 J	ND	ND	ND	1.3 J	4.8
07/09/2009	5720693	8260	ND	ND	ND	ND	ND	ND	2.8 J	ND	ND	ND	ND	2.8
10/05/2009	5797964	8260	ND	ND	ND	ND	ND	ND	2.7 J	ND	ND	ND	ND	2.7
01/25/2010	5892344	8260	ND	ND	ND	ND	ND	ND	2.1 J	ND	ND	ND	ND	2.1

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1) Nondetected concentrations have been represented as ND for reporting purposes.
2) Total VOCs have been recalculated and represented as the sum of the detected parameters shown on this table.
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FORMER CARBORUNDUM FACILITY

WHEATFIELD, NEW YORK

Well Id: B-19M

Date	Lab Sample Id	Method	Carbon tetrachloride (ug/L)	Chloroform (ug/L)	1,1-Dichloro-ethane (ug/L)	1,1-Dichloro ethene (ug/L)	Methylene chloride (ug/L)	Trans-1,2-dichloro-ethene (ug/L)	Cis-1,2-dichloro-ethylene (ug/L)	1,1,1-Trichloro-ethane (ug/L)	Trichloro-ethene (TCE) (ug/L)	Tetrachloro-ethylene (PCE) (ug/L)	Vinyl chloride (ug/L)	Total (ug/L)
04/13/2010	5953087	8260	ND	ND	ND	ND	ND	ND	2 J	ND	ND	ND	ND	2
07/14/2010	6032693	8260	ND	ND	ND	ND	ND	ND	2.8 J	ND	ND	ND	ND	2.8
10/14/2010	6113368	8260	ND	ND	ND	ND	ND	1.9 J	120	ND	25	ND	1.6 J	148.5
01/25/2011	6191896	8260	ND	ND	ND	ND	ND	ND	15	ND	1.9 J	ND	ND	16.9
04/18/2011	6261650	8260	ND	ND	ND	ND	ND	ND	2.4 J	ND	ND	ND	ND	2.4
07/12/2011	6342653	8260	ND	ND	ND	ND	ND	ND	2.8 J	ND	ND	ND	ND	2.8
10/11/2011	6434703	8260	ND	ND	ND	ND	ND	ND	3.7 J	ND	ND	ND	1.1 J	4.8
01/17/2012	6524429	8260	ND	ND	ND	ND	ND	ND	2.9 J	ND	ND	ND	ND	2.9
04/10/2012	6612009	8260	ND	ND	ND	ND	ND	ND	3.9 J	ND	1.1 J	ND	1.1 J	6.1
01/22/2013	6931416	8260	ND	ND	ND	ND	ND	ND	0.81 J	ND	ND	ND	ND	0.81
04/03/2013	7010221	8260	ND	ND	ND	ND	ND	ND	2.5 J	ND	1.4 J	ND	ND	3.9
07/08/2013	7120734	8260	ND	ND	ND	ND	ND	ND	2.9 J	ND	ND	ND	ND	2.9
11/13/2013	7276544	8260	ND	ND	ND	ND	ND	ND	2.9 J	ND	2.1 J	ND	ND	5
01/16/2014	7340026	8260	ND	ND	ND	ND	ND	ND	3.1 J	ND	1.9 J	ND	ND	5
04/24/2014	7442061	8260	ND	ND	ND	ND	ND	ND	1.6	ND	ND	ND	ND	1.6
07/08/2014	7526294	8260	ND	ND	ND	ND	ND	ND	2.8	ND	0.95 J	ND	ND	3.75
10/03/2014	7625309	8260	ND	ND	ND	ND	ND	ND	2.4	ND	ND	ND	0.55 J	2.95
01/07/2015	7732745	8260	ND	ND	ND	ND	ND	ND	2.2	ND	0.54 J	ND	0.76 J	3.5
04/16/2015	7850971	8260	ND	ND	ND	ND	ND	ND	2.9	ND	3.8	ND	0.55 J	7.25

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FORMER CARBORUNDUM FACILITY

WHEATFIELD, NEW YORK

Well Id: B-20M

Date	Lab Sample Id	Method	Carbon tetrachloride (ug/L)	Chloroform (ug/L)	1,1-Dichloro-ethane (ug/L)	1,1-Dichloro ethene (ug/L)	Methylene chloride (ug/L)	Trans-1,2-dichloro-ethene (ug/L)	Cis-1,2-dichloro-ethylene (ug/L)	1,1,1-Trichloro-ethane (ug/L)	Trichloro-ethene (TCE) (ug/L)	Tetrachloro-ethylene (PCE) (ug/L)	Vinyl chloride (ug/L)	Total (ug/L)
01/16/2001	A1043906	8021	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
04/16/2001	A1345807	624	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
07/13/2001	A1663809	8021	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
10/10/2001	A1994703	8021	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
01/17/2002	A2058502	8021	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
04/09/2002	A2332612	8260	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
07/09/2002	A2695510	8021	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
10/03/2002	A2980611	8021	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
01/15/2003	A3043008	8021	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
04/14/2003	A3347502	8021	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
07/15/2003	A3670608	8021	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
10/16/2003	A3A08901	8021	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
04/20/2004	A4356904	8021	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
07/20/2004	A4682902	8021	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
10/21/2004	A4A47806	8021	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
01/17/2005	A5043904	8260	ND	ND	ND	ND	ND	ND	ND	ND	1.5	ND	ND	1.5
04/22/2005	A5402101	8260	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
07/22/2005	A5778401	8260/5ML	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
07/18/2006	6G19003-10RE1	8260	ND	ND	ND	ND	6 B	ND	ND	ND	ND	ND	ND	6
07/11/2007	7G12003-09	8260	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
07/22/2008	5422165	8260	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
07/09/2009	5720683	8260	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
07/20/2010	6038211	8260	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
07/21/2011	6353675	8260	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
07/17/2012	6723841	8260	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
07/15/2013	7128198	8260	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
07/10/2014	7529508	8260	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND

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FORMER CARBORUNDUM FACILITY

WHEATFIELD, NEW YORK

Well Id: B-21M

Date	Lab Sample Id	Method	Carbon tetrachloride (ug/L)	Chloroform (ug/L)	1,1-Dichloro-ethane (ug/L)	1,1-Dichloro ethene (ug/L)	Methylene chloride (ug/L)	Trans-1,2-dichloro-ethene (ug/L)	Cis-1,2-dichloro-ethylene (ug/L)	1,1,1-Trichloro-ethane (ug/L)	Trichloro-ethene (TCE) (ug/L)	Tetrachloro-ethylene (PCE) (ug/L)	Vinyl chloride (ug/L)	Total (ug/L)
04/23/2001	A1375208	8021	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
10/17/2001	A1A23304	8021	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
01/17/2002	A2058505	8021	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
04/10/2002	A2347901	8260	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
07/09/2002	A2695511	8021	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
01/16/2003	A3056001	8021	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
04/15/2003	A3356602	8021	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
07/15/2003	A3670607	8021	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
10/15/2003	A3998706	8021	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
01/08/2004	A4026305	8021	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
04/30/2004	A4402302	8021	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
07/15/2004	A4674102	8260	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
07/15/2004	A4674102	8021	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
10/18/2004	A4A27801	8021	ND	ND	ND	ND	ND	ND	ND	ND	1.7	ND	ND	1.7
01/14/2005	A5038301	8260	ND	ND	ND	ND	ND	ND	ND	ND	2.5	ND	ND	2.5
04/22/2005	A5402104	8260	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
07/25/2005	A5790301	8260/5ML	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
10/21/2005	A5B92301	8260	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
01/24/2006	A6089101	8260	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
04/13/2006	6D14002-03	8260	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
07/17/2006	6G18004-03	8260	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
10/10/2006	6J11002-07	8260	ND	ND	ND	ND	ND	ND	ND	ND	1	ND	ND	1
01/11/2007	7A12004-01	8260	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
04/05/2007	7D06002-01	8260	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
07/18/2007	7G19011-03	8260	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
10/11/2007	7J12012-01	8260	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
01/09/2008	8A10002-02	8260	ND	ND	ND	ND	2	ND	ND	ND	ND	ND	ND	2
04/07/2008	8D08002-02	8260	ND	ND	ND	ND	10 B	ND	ND	ND	ND	ND	ND	10
07/21/2008	5420899	8260	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
10/15/2008	5499966	8260	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
01/13/2009	5576506	8260	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
04/20/2009	5651170	8260	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
07/13/2009	5722289	8260	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
10/06/2009	5799017	8260	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
01/26/2010	5893229	8260	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
04/07/2010	5948416	8260	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
07/15/2010	6033914	8260	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND

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FORMER CARBORUNDUM FACILITY

WHEATFIELD, NEW YORK

Well Id: B-21M

Date	Lab Sample Id	Method	Carbon tetrachloride (ug/L)	Chloroform (ug/L)	1,1-Dichloro-ethane (ug/L)	1,1-Dichloro ethene (ug/L)	Methylene chloride (ug/L)	Trans-1,2-dichloro-ethene (ug/L)	Cis-1,2-dichloro-ethylene (ug/L)	1,1,1-Trichloro-ethane (ug/L)	Trichloro-ethene (TCE) (ug/L)	Tetrachloro-ethylene (PCE) (ug/L)	Vinyl chloride (ug/L)	Total (ug/L)
10/19/2010	6116884	8260	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
01/27/2011	6194102	8260	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
04/13/2011	6258133	8260	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
07/25/2011	6355562	8260	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
10/10/2011	6433660	8260	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
01/18/2012	6526481	8260	ND	ND	ND	ND	ND	ND	ND	ND	1.1 J	ND	ND	1.1
04/03/2012	6605291	8260	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
07/19/2012	6728257	8260	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
10/03/2012	6812014	8260	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
01/17/2013	6926976	8260	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
04/09/2013	7016202	8260	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
07/11/2013	7125533	8260	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
11/14/2013	7278192	8260	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
01/20/2014	7342593	8260	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
04/14/2014	7430450	8260	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
07/14/2014	7532402	8260	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
10/02/2014	7623661	8260	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
01/06/2015	7731163	8260	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
04/15/2015	7849423	8260	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND

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FORMER CARBORUNDUM FACILITY

WHEATFIELD, NEW YORK

Well Id: B-22M

Date	Lab Sample Id	Method	Carbon tetrachloride (ug/L)	Chloroform (ug/L)	1,1-Dichloro-ethane (ug/L)	1,1-Dichloro ethene (ug/L)	Methylene chloride (ug/L)	Trans-1,2-dichloro-ethene (ug/L)	Cis-1,2-dichloro-ethylene (ug/L)	1,1,1-Trichloro-ethane (ug/L)	Trichloro-ethene (TCE) (ug/L)	Tetrachloro-ethylene (PCE) (ug/L)	Vinyl chloride (ug/L)	Total (ug/L)
01/11/2001	A1035101	8021	ND	1.3	ND	ND	4.2	ND	110	ND	4.4	ND	9.6	129.5
04/23/2001	A1375207	8021	ND	ND	ND	ND	ND	ND	510	ND	50	ND	ND	560
07/18/2001	A1682908	8021	ND	ND	ND	ND	2.5	1	130	ND	13	ND	7	153.5
10/17/2001	A1A23305	8021	ND	ND	ND	ND	ND	1.5	230	ND	13	ND	36	280.5
01/23/2002	A2076701	8021	ND	ND	7.6	4.6	2.1 J	21	1400 D	ND	110 D	ND	9.6	1554.9
04/18/2002	A2378801	8021	ND	ND	ND	ND	0.8 J	ND	130	ND	9.2	ND	36	176
07/15/2002	A2722901	8021	ND	ND	ND	ND	2.2 J	1.4	91	ND	4.9	ND	8.1	107.6
10/15/2002	A2A23601	8021	ND	ND	ND	ND	ND	ND	79	ND	6.2	ND	13	98.2
01/22/2003	A3068901	8021	ND	ND	ND	ND	ND	0.94 J	80	ND	3.2	ND	12	96.14
04/24/2003	A3389602	8021	ND	ND	ND	ND	1.6 J	ND	130	ND	13	ND	30	174.6
07/17/2003	A3683901	8021	ND	ND	ND	ND	ND	ND	140	ND	5	ND	13	158
10/21/2003	A3A21902	8021	ND	ND	ND	ND	ND	ND	160	ND	5.7	ND	2.3	168
04/30/2004	A4402503	8021	ND	ND	ND	ND	ND	ND	99	ND	ND	ND	40	139
07/15/2004	A4674303	8021	ND	ND	2.2	ND	ND	3.9 E	170 E	ND	24	ND	10 E	210.1
07/15/2004	A4674303	8260	ND	ND	ND	ND	4.3	ND	130	ND	23	ND	ND	157.3
10/18/2004	A4A27701	8021	ND	ND	ND	ND	ND	ND	90	ND	13	ND	ND	103
01/20/2005	A5057501	8260	ND	ND	2.8	1.6	ND	16	300 E	0.34 J	110 E	ND	2.2	432.94
01/20/2005	A5057501DL	8260					33 D	9.4 D	340 D		56 D			438.4
04/26/2005	A5414404	8260	ND	ND	ND	ND	ND	7	250	ND	33	ND	ND	290
07/25/2005	A5790401	8260/5ML	ND	ND	ND	ND	ND	1.6	110	ND	14	ND	7.8	133.4
10/21/2005	A5B92801	8260	ND	ND	ND	ND	ND	0.61 J	36	ND	3.9	ND	1.2 J	41.71
01/24/2006	A6089102	8260	ND	ND	2.9	1.4	ND	15	480 E	ND	90	ND	3.1	592.4
01/24/2006	A6089102DL	8260	ND	ND	ND	ND	ND	15 D	460 D	ND	93 D	ND	ND	568
04/19/2006	6D20002-01	8260	ND	ND	ND	ND	ND	1	61	ND	17	ND	14	93
07/17/2006	6G18004-05	8260	ND	ND	ND	ND	ND	ND	29	ND	5	ND	2	36
10/10/2006	6J11002-08	8260	ND	ND	ND	ND	ND	1	66	ND	10	ND	4	81
01/11/2007	7A12004-02	8260	ND	ND	3	ND	ND	14	370 D	ND	89	ND	ND	476
04/19/2007	7D20005-01	8260	ND	ND	ND	ND	ND	5	136	ND	35	ND	5	181
07/18/2007	7G19011-02	8260	ND	ND	ND	ND	ND	ND	26	ND	5	ND	ND	31
10/11/2007	7J12012-03	8260	ND	ND	ND	ND	ND	ND	24	ND	4	ND	ND	28
01/09/2008	8A10002-01	8260	ND	ND	ND	ND	ND	ND	17	ND	3	ND	3	23
04/08/2008	8D09003-07	8260	ND	ND	2	1	6	10	301 D	ND	95	ND	2	417
07/21/2008	5420900	8260	ND	ND	ND	ND	ND	ND	24	ND	4.9 J	ND	1.2 J	30.1
10/15/2008	5499967	8260	ND	ND	ND	ND	ND	ND	29	ND	4.1 J	ND	ND	33.1
01/13/2009	5576505	8260	ND	ND	3.1 J	2 J	ND	14	460	ND	120	ND	1 J	600.1
04/20/2009	5651167	8260	ND	ND	ND	ND	ND	3.8 J	150	ND	39	ND	9.9	202.7
07/13/2009	5722290	8260	ND	ND	ND	ND	ND	ND	27	ND	4.8 J	ND	1.6 J	33.4

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FORMER CARBORUNDUM FACILITY

WHEATFIELD, NEW YORK

Well Id: B-22M

Date	Lab Sample Id	Method	Carbon tetrachloride (ug/L)	Chloroform (ug/L)	1,1-Dichloro-ethane (ug/L)	1,1-Dichloro ethene (ug/L)	Methylene chloride (ug/L)	Trans-1,2-dichloro-ethene (ug/L)	Cis-1,2-dichloro-ethylene (ug/L)	1,1,1-Trichloro-ethane (ug/L)	Trichloro-ethene (TCE) (ug/L)	Tetrachloro-ethylene (PCE) (ug/L)	Vinyl chloride (ug/L)	Total (ug/L)
10/06/2009	5799012	8260	ND	ND	ND	ND	ND	1.5 J	70	ND	15	ND	1.1 J	87.6
01/26/2010	5893228	8260	ND	ND	ND	ND	ND	4.8 J	120	ND	44	ND	ND	168.8
04/19/2010	5957668	8260	ND	ND	ND	ND	ND	3.8 J	110	ND	30	ND	ND	143.8
07/15/2010	6033915	8260	ND	ND	ND	ND	ND	ND	38	ND	7.2	ND	ND	45.2
10/19/2010	6116887	8260	ND	ND	ND	ND	ND	ND	27	ND	6.7	ND	1.9 J	35.6
01/27/2011	6194103	8260	ND	ND	ND	ND	ND	1.3 J	64	ND	15	ND	1.3 J	81.6
04/14/2011	6259038	8260	ND	ND	2.5 J	1 J	ND	7.7	280	ND	97	ND	ND	388.2
07/25/2011	6355561	8260	ND	ND	ND	ND	ND	2.3 J	93	ND	26	ND	1.3 J	122.6
10/10/2011	6433661	8260	ND	ND	ND	ND	ND	0.89 J	43	ND	8.5	ND	1.9 J	54.29
01/18/2012	6526482	8260	ND	ND	1.2 J	ND	ND	4.8 J	120	ND	63	ND	ND	189
04/10/2012	6612011	8260	ND	ND	ND	ND	ND	4.0 J	120	ND	20	ND	ND	144
07/19/2012	6728258	8260	ND	ND	ND	ND	ND	ND	42	ND	9.8	ND	ND	51.8
10/03/2012	6812017	8260	ND	ND	ND	ND	ND	ND	36	ND	7.3	ND	ND	43.3
01/17/2013	6926979	8260	ND	ND	ND	ND	ND	3.4 J	87	ND	35	ND	ND	125.4
04/09/2013	7016198	8260	ND	ND	ND	ND	ND	ND	40	ND	9.1	ND	8.8	57.9
07/11/2013	7125534	8260	ND	ND	1.2 J	ND	ND	5.7	150	ND	53	ND	ND	209.9
11/14/2013	7278191	8260	ND	ND	1.7 J	ND	ND	6.6	210	ND	83	ND	ND	301.3
01/20/2014	7342592	8260	ND	ND	ND	ND	ND	4.9 J	130	ND	41	ND	ND	175.9
04/24/2014	7442065	8260	ND	ND	ND	ND	ND	2.6	67	ND	14	ND	ND	83.6
07/14/2014	7532401	8260	ND	ND	ND	ND	ND	ND	19	ND	8.4	ND	1.9	29.3
10/02/2014	7623662	8260	ND	ND	ND	ND	ND	ND	20	ND	7.6	ND	0.57 J	28.17
01/06/2015	7731162	8260	ND	ND	1.4	0.68 J	ND	5.7	180	ND	100	ND	0.57 J	288.35
04/22/2015	7858498	8260	ND	ND	ND	ND	ND	2.8	81	ND	29	ND	ND	112.8

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FORMER CARBORUNDUM FACILITY

WHEATFIELD, NEW YORK

Well Id: B-23M

Date	Lab Sample Id	Method	Carbon tetrachloride (ug/L)	Chloroform (ug/L)	1,1-Dichloro-ethane (ug/L)	1,1-Dichloro ethene (ug/L)	Methylene chloride (ug/L)	Trans-1,2-dichloro-ethene (ug/L)	Cis-1,2-dichloro-ethylene (ug/L)	1,1,1-Trichloro-ethane (ug/L)	Trichloro-ethene (TCE) (ug/L)	Tetrachloro-ethylene (PCE) (ug/L)	Vinyl chloride (ug/L)	Total (ug/L)
01/16/2001	A1043902	8021	ND	3.6	ND	ND	1.9 J	6.4	210	ND	13	ND	15	249.9
04/16/2001	A1345805	624	ND	ND	ND	ND	ND	7	150 D	ND	52	ND	ND	209
07/16/2001	A1674115	8021	ND	4.9	ND	ND	2.8	5.5	230	ND	23	ND	8.5	274.7
10/18/2001	A1A23310	8021	ND	ND	ND	ND	3.5	ND	280	ND	11	ND	ND	294.5
01/23/2002	A2076703	8021	ND	7.4	ND	ND	4.2	5	310	ND	39	ND	6.8	372.4
04/18/2002	A2378802	8021	ND	ND	ND	ND	ND	ND	350	ND	ND	ND	22	372
07/15/2002	A2722903	8021	ND	ND	ND	ND	6	3.3	410	ND	4.3	ND	20	443.6
10/09/2002	A2A07510	8021	ND	ND	ND	ND	ND	ND	300	ND	18	ND	17	335
01/22/2003	A3068902	8021	ND	2.7	ND	ND	ND	4.8	140	ND	45	ND	ND	192.5
04/21/2003	A3370901	8021	ND	ND	ND	ND	12	2.1	320	ND	ND	ND	17	351.1
07/21/2003	A3699401	8021	ND	ND	ND	ND	ND	2	370	ND	2.7	ND	15	389.7
10/20/2003	A3A13901	8021	ND	ND	ND	ND	ND	ND	320	ND	3.8	ND	15	338.8
01/29/2004	A4077603	8021	ND	ND	ND	ND	ND	3	320	ND	74	ND	9.1	406.1
04/23/2004	A4373101	8021	ND	ND	ND	ND	ND	ND	400	ND	ND	ND	28	428
07/21/2004	A4687101	8260	ND	ND	ND	ND	10	ND	340	ND	9.9	ND	ND	359.9
10/20/2004	A4A32301	8021	ND	ND	ND	ND	ND	ND	230	ND	7.1	ND	12	249.1
01/13/2005	A5036108	8260	ND	ND	ND	ND	ND	ND	360	ND	53	ND	5.9	418.9
04/19/2005	A5387405	8260	ND	ND	ND	ND	ND	ND	380	ND	32	ND	21	433
07/18/2005	A5753801	8260/5ML	ND	ND	ND	ND	ND	ND	360	ND	ND	ND	32	392
10/20/2005	A5B92001	8260	ND	ND	1.7	1.2	ND	1.8	380 E	ND	3	ND	61	448.7
10/20/2005	A5B92001DL	8260	ND	ND	ND	ND	9.2 BD	ND	370 D	ND	ND	ND	50 D	429.2
01/23/2006	A6084701	8260	ND	ND	ND	ND	ND	3	300	ND	96	ND	9.3	408.3
04/21/2006	6D21017-01	8260	ND	ND	1	ND	ND	1	272 D	ND	9	ND	17	300
07/20/2006	6G21005-05	8260	ND	ND	ND	ND	25	ND	309	ND	ND	ND	39	373
10/10/2006	6J11002-02RE1	8260	ND	ND	1	ND	ND	2	243 D	ND	10	ND	28	284
01/08/2007	7A09003-01	8260	ND	ND	ND	ND	ND	ND	238	ND	182	ND	ND	420
04/18/2007	7D19009-01	8260	ND	ND	2	ND	ND	2	239 D	ND	41	ND	17	301
07/11/2007	7G12003-01	8260	ND	ND	ND	ND	ND	ND	178	ND	8	ND	24	210
10/10/2007	7J11002-03	8260	ND	ND	1	ND	ND	ND	272 D	ND	2	ND	34	309
01/08/2008	8A09005-04	8260	ND	ND	ND	ND	ND	4	171	ND	71	ND	11	257
04/09/2008	8D10002-04	8260	ND	ND	2	1	2	2	292 D	ND	21	ND	24	344
07/25/2008	5426028	8260	ND	ND	1.1 J	ND	ND	0.87 J	270	ND	1.8 J	ND	58	331.77
10/17/2008	5502673	8260	ND	ND	1.2 J	ND	ND	0.9 J	280	ND	1.5 J	ND	37	320.6
01/13/2009	5576509	8260	ND	ND	2.2 J	0.96 J	ND	2.3 J	270	ND	53	ND	17	345.46
04/13/2009	5647710	8260	ND	ND	1.4 J	ND	ND	1.6 J	260	ND	21	ND	11	295
07/14/2009	5723623	8260	ND	ND	1.2 J	ND	ND	0.93 J	290	ND	2.8 J	ND	33	327.93
10/05/2009	5797962	8260	ND	ND	1.1 J	ND	ND	0.93 J	260	ND	4.8 J	ND	29	295.83

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FORMER CARBORUNDUM FACILITY

WHEATFIELD, NEW YORK

Well Id: B-23M

Date	Lab Sample Id	Method	Carbon tetrachloride (ug/L)	Chloroform (ug/L)	1,1-Dichloro-ethane (ug/L)	1,1-Dichloro ethene (ug/L)	Methylene chloride (ug/L)	Trans-1,2-dichloro-ethene (ug/L)	Cis-1,2-dichloro-ethylene (ug/L)	1,1,1-Trichloro-ethane (ug/L)	Trichloro-ethene (TCE) (ug/L)	Tetrachloro-ethylene (PCE) (ug/L)	Vinyl chloride (ug/L)	Total (ug/L)
01/21/2010	5889953	8260	ND	ND	2.4 J	0.87 J	ND	2.5 J	240	1.8 J	110	ND	9.7	367.27
04/19/2010	5957669	8260	ND	ND	1.7 J	0.91 J	ND	1.3 J	280	ND	22	ND	28	333.91
07/13/2010	6031621	8260	ND	ND	1.3 J	ND	ND	0.95 J	270	ND	8.2	ND	40	320.45
10/18/2010	6115537	8260	ND	ND	ND	ND	ND	0.93 J	270	ND	1.2 J	ND	33	305.13
01/26/2011	6192948	8260	ND	ND	2.6 J	ND	ND	3.5 J	170	1.4 J	120	ND	1.7 J	299.2
04/21/2011	6266004	8260	ND	ND	1.1 J	0.83 J	ND	1 J	280	ND	ND	ND	17	299.93
07/21/2011	6353678	8260	ND	ND	1.1 J	ND	ND	0.86 J	260	ND	3.7 J	ND	28	293.66
10/13/2011	6437681	8260	ND	ND	1.1 J	ND	ND	1.0 J	240	ND	10	ND	27	279.1
01/17/2012	6524418	8260	ND	ND	1.7 J	ND	ND	1.4 J	210	ND	57	ND	8.6	278.7
04/11/2012	6613966	8260	ND	ND	ND	ND	ND	ND	250	ND	1.3 J	ND	23	274.3
07/12/2012	6719399	8260	ND	ND	1.1 J	ND	ND	0.91 J	240	ND	4.8 J	ND	25	271.81
10/03/2012	6812006	8260	ND	ND	ND	ND	ND	ND	230	ND	7.5	ND	27	264.5
01/23/2013	6932570	8260	ND	ND	2.8 J	ND	ND	2.0 J	190	2.0 J	130	ND	8.5	335.3
04/08/2013	7015024	8260	ND	ND	ND	ND	ND	ND	220	ND	3.7 J	ND	28	251.7
07/16/2013	7129889	8260	ND	ND	3.4 J	0.91 J	ND	2.2 J	190	1.4 J	170	ND	9.3	377.21
11/13/2013	7276549	8260	ND	ND	2.6 J	1.0 J	ND	2.0 J	250	1.2 J	170	ND	11	437.8
01/17/2014	7341389	8260	ND	ND	2.0 J	ND	ND	1.8 J	170	0.83 J	130	ND	1.1 J	305.73
04/24/2014	7442060	8260	ND	ND	1.2	0.62 J	ND	1 J	210	ND	27	ND	11	250.82
07/16/2014	7535886	8260	ND	ND	2.1	0.84 J	ND	3.4	160	1.2	220	ND	3.1	390.64
10/02/2014	7623667	8260	ND	ND	0.93 J	ND	ND	0.81 J	190	ND	13	ND	26	230.74
01/08/2015	7734026	8260	ND	ND	2.0	0.71 J	ND	2.5	140	1.3	160	ND	3.4	309.91
04/22/2015	7858499	8260	ND	ND	1.6	0.6 J	ND	1.4	190	ND	62	ND	3.1	258.7

ND - Not detected, 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 nondetected values, the data for 2001 to 2004 has been reevaluated and interpreted as follows:

1) Nondetected concentrations have been represented as ND 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.

FORMER CARBORUNDUM FACILITY

WHEATFIELD, NEW YORK

Well Id: B-24M

Date	Lab Sample Id	Method	Carbon tetrachloride (ug/L)	Chloroform (ug/L)	1,1-Dichloro-ethane (ug/L)	1,1-Dichloro ethene (ug/L)	Methylene chloride (ug/L)	Trans-1,2-dichloro-ethene (ug/L)	Cis-1,2-dichloro-ethylene (ug/L)	1,1,1-Trichloro-ethane (ug/L)	Trichloro-ethene (TCE) (ug/L)	Tetrachloro-ethylene (PCE) (ug/L)	Vinyl chloride (ug/L)	Total (ug/L)
01/17/2001	A1052406	8021	ND	ND	ND	ND	ND	ND	ND	ND	0.3 J	ND	ND	0.3
04/16/2001	A1345804	624	ND	ND	ND	ND	ND	ND	ND	ND	1.9	ND	ND	1.9
07/16/2001	A1674112	8021	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
10/18/2001	A1A23309	8021	ND	ND	ND	ND	ND	ND	ND	ND	15	ND	ND	15
01/22/2002	A2066009	8021	ND	ND	ND	ND	ND	ND	1.1	ND	3.6	ND	ND	4.7
04/17/2002	A2378402	8021	ND	ND	ND	ND	ND	ND	1.8	ND	5.9	ND	ND	7.7
07/12/2002	A2713902	8021	ND	ND	ND	ND	ND	ND	1.5	ND	4.7	ND	ND	6.2
10/09/2002	A2A07702	8021	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
01/20/2003	A3060801	8021	ND	ND	ND	ND	ND	ND	0.27 J	ND	1.9	ND	ND	2.17
04/09/2003	A3329507	8021	ND	ND	ND	ND	ND	ND	1.2	ND	6.5	ND	ND	7.7
07/08/2003	A3649105	8021	ND	ND	ND	ND	ND	ND	1.1	ND	3.3	ND	ND	4.4
10/13/2003	A3991402	8021	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
04/20/2004	A4356801	8021	ND	ND	ND	ND	ND	ND	1.2	ND	3.7	ND	ND	4.9
07/13/2004	A4664001	8021	ND	ND	ND	ND	ND	ND	1.4	ND	4	ND	ND	5.4
10/20/2004	A4A32402	8021	ND	ND	ND	ND	ND	ND	1.3	ND	4	ND	ND	5.3
01/12/2005	A5036204	8260	ND	ND	ND	ND	ND	ND	0.79 J	ND	4.1	ND	ND	4.89
04/06/2005	A5317804	8260	ND	ND	ND	ND	ND	ND	0.63 J	ND	3.4	ND	ND	4.03
07/12/2005	A5733203	8260/5ML	ND	ND	ND	ND	ND	ND	0.97 J	ND	3.5	ND	ND	4.47
10/05/2005	A5B10601	8260	ND	ND	ND	ND	ND	ND	ND	ND	1.5	ND	ND	1.5
01/23/2006	A6084702	8260	ND	ND	ND	ND	ND	ND	1.6	ND	3.8	ND	ND	5.4
04/12/2006	6D13005-06	8260	ND	ND	ND	ND	ND	ND	1	ND	3	ND	ND	4
07/19/2006	6G20004-06	8260	ND	ND	ND	ND	ND	ND	ND	ND	3	ND	ND	3
10/10/2006	6J11002-03	8260	ND	ND	ND	ND	ND	ND	1	ND	2	ND	ND	3
01/08/2007	7A09003-02	8260	ND	ND	ND	ND	ND	ND	1	ND	3	ND	ND	4
04/04/2007	7D05011-02	8260	ND	ND	ND	ND	3	ND	1	ND	3	ND	ND	7
07/11/2007	7G12003-03	8260	ND	ND	ND	ND	ND	ND	ND	ND	3	ND	ND	3
10/10/2007	7J11002-05	8260	ND	ND	ND	ND	ND	ND	ND	ND	1	ND	ND	1
01/08/2008	8A09005-05	8260	ND	ND	ND	ND	ND	ND	6	ND	12	ND	ND	18
04/07/2008	8D08002-05	8260	ND	ND	ND	ND	ND	ND	1	ND	4	ND	ND	5
07/28/2008	5426821	8260	ND	ND	ND	ND	ND	ND	ND	ND	1.2 J	ND	ND	1.2
10/17/2008	5502674	8260	ND	ND	ND	ND	ND	ND	ND	ND	4.3 J	ND	ND	4.3
01/13/2009	5576514	8260	ND	ND	ND	ND	ND	ND	1.1 J	ND	4.2 J	ND	ND	5.3
04/13/2009	5647711	8260	ND	ND	ND	ND	ND	ND	0.99 J	ND	3.2 J	ND	ND	4.19
07/15/2009	5724678	8260	ND	ND	ND	ND	ND	ND	ND	ND	1.2 J	ND	ND	1.2
10/05/2009	5797963	8260	ND	ND	ND	ND	ND	ND	ND	ND	2.3 J	ND	ND	2.3
01/21/2010	5889950	8260	ND	ND	ND	ND	ND	ND	0.95 J	ND	2.6 J	ND	ND	3.55
04/06/2010	5946905	8260	ND	ND	ND	ND	ND	ND	ND	ND	2.7 J	ND	ND	2.7

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To address the NYSDEC concerns regarding the presentation and plotting of nondetected values, the data for 2001 to 2004 has been reevaluated and interpreted as follows:

1) Nondetected concentrations have been represented as ND 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.

FORMER CARBORUNDUM FACILITY

WHEATFIELD, NEW YORK

Well Id: B-24M

Date	Lab Sample Id	Method	Carbon tetrachloride (ug/L)	Chloroform (ug/L)	1,1-Dichloro-ethane (ug/L)	1,1-Dichloro ethene (ug/L)	Methylene chloride (ug/L)	Trans-1,2-dichloro-ethene (ug/L)	Cis-1,2-dichloro-ethylene (ug/L)	1,1,1-Trichloro-ethane (ug/L)	Trichloro-ethene (TCE) (ug/L)	Tetrachloro-ethylene (PCE) (ug/L)	Vinyl chloride (ug/L)	Total (ug/L)
07/20/2010	6038212	8260	ND	ND	ND	ND	ND	ND	ND	ND	3.1 J	ND	ND	3.1
10/18/2010	6115538	8260	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
01/26/2011	6192949	8260	ND	ND	ND	ND	ND	ND	2.3 J	ND	6	ND	ND	8.3
04/13/2011	6258126	8260	ND	ND	ND	ND	ND	ND	1 J	ND	2.9 J	ND	ND	3.9
07/19/2011	6350144	8260	ND	ND	ND	ND	ND	ND	1 J	ND	3.5 J	ND	ND	4.5
10/13/2011	6437682	8260	ND	ND	ND	ND	ND	ND	ND	ND	1.5 J	ND	ND	1.5
01/17/2012	6524417	8260	ND	ND	ND	ND	ND	ND	2.2 J	ND	4.7 J	ND	ND	6.9
04/03/2012	6605297	8260	ND	ND	ND	ND	ND	ND	1.3 J	ND	3.1 J	ND	ND	4.4
07/12/2012	6719396	8260	ND	ND	ND	ND	ND	ND	ND	ND	2.3 J	ND	ND	2.3
10/03/2012	6812008	8260	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
01/23/2013	6932572	8260	ND	ND	ND	ND	ND	ND	2.7 J	ND	7.1	ND	ND	9.8
04/08/2013	7015026	8260	ND	ND	ND	ND	ND	ND	2.1 J	ND	5.2	ND	ND	7.3
07/16/2013	7129892	8260	ND	ND	ND	ND	ND	ND	1.9 J	ND	3.7 J	ND	ND	5.6
11/13/2013	7276547	8260	ND	ND	ND	ND	ND	ND	3.4 J	ND	5.4	ND	ND	8.8
01/20/2014	7342587	8260	ND	ND	ND	ND	ND	ND	2.4 J	ND	4.4 J	ND	ND	6.8
04/15/2014	7432582	8260	ND	ND	ND	ND	ND	ND	3.3	ND	5.2	ND	ND	8.5
07/16/2014	7535890	8260	ND	ND	ND	ND	ND	ND	2.2	ND	3.5	ND	ND	5.7
10/02/2014	7623666	8260	ND	ND	ND	ND	ND	ND	2.6	ND	3.9	ND	ND	6.5
01/08/2015	7734025	8260	ND	ND	ND	ND	ND	ND	4.7	ND	7.7	ND	ND	12.4
04/14/2015	7847247	8260	ND	ND	ND	ND	ND	ND	ND	ND	0.95 J	3.2	ND	4.15

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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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FORMER CARBORUNDUM FACILITY

WHEATFIELD, NEW YORK

Well Id: B-25M

Date	Lab Sample Id	Method	Carbon tetrachloride (ug/L)	Chloroform (ug/L)	1,1-Dichloro-ethane (ug/L)	1,1-Dichloro ethene (ug/L)	Methylene chloride (ug/L)	Trans-1,2-dichloro-ethene (ug/L)	Cis-1,2-dichloro-ethylene (ug/L)	1,1,1-Trichloro-ethane (ug/L)	Trichloro-ethene (TCE) (ug/L)	Tetrachloro-ethylene (PCE) (ug/L)	Vinyl chloride (ug/L)	Total (ug/L)
07/16/2001	A1674109	8021	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
07/10/2002	A2708301	8021	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
07/02/2003	A3639714	8021	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
07/14/2004	A4664208	8021	ND	ND	ND	ND	ND	ND	1.4	ND	1.3	ND	ND	2.7
07/12/2005	A5733105	8260/5ML	ND	ND	ND	ND	ND	ND	0.68 J	ND	1.3	ND	ND	1.98

ND - Not detected, 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 nondetected values, the data for 2001 to 2004 has been reevaluated and interpreted as follows:

1) Nondetected concentrations have been represented as ND for reporting purposes.
2) Total VOCs have been recalculated and represented as the sum of the detected parameters shown on this table.
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FORMER CARBORUNDUM FACILITY

WHEATFIELD, NEW YORK

Well Id: B-26M

Date	Lab Sample Id	Method	Carbon tetrachloride (ug/L)	Chloroform (ug/L)	1,1-Dichloro-ethane (ug/L)	1,1-Dichloro ethene (ug/L)	Methylene chloride (ug/L)	Trans-1,2-dichloro-ethene (ug/L)	Cis-1,2-dichloro-ethylene (ug/L)	1,1,1-Trichloro-ethane (ug/L)	Trichloro-ethene (TCE) (ug/L)	Tetrachloro-ethylene (PCE) (ug/L)	Vinyl chloride (ug/L)	Total (ug/L)
07/16/2001	A1674101	8021	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
07/10/2002	A2708302	8021	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
07/02/2003	A3639715	8021	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
07/14/2004	A4664207	8021	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
07/08/2005	A5715202	8260/5ML	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
07/20/2006	6G21005-03	8260	ND	ND	ND	ND	4	ND	ND	ND	ND	ND	ND	4
07/18/2007	7G19011-05	8260	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
07/24/2008	5424621	8260	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
07/14/2009	5723631	8260	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
07/13/2010	6031619	8260	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
07/18/2011	6348769	8260	ND	ND	ND	ND	ND	ND	ND	ND	8.9	ND	ND	8.9
01/19/2012	6527708	8260	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
04/04/2012	6607021	8260	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
07/16/2012	6722034	8260	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
07/09/2013	7122565	8260	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
07/09/2014	7527867	8260	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND

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To address the NYSDEC concerns regarding the presentation and plotting of nondetected values, the data for 2001 to 2004 has been reevaluated and interpreted as follows:

1) Nondetected concentrations have been represented as ND for reporting purposes.
2) Total VOCs have been recalculated and represented as the sum of the detected parameters shown on this table.
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FORMER CARBORUNDUM FACILITY

WHEATFIELD, NEW YORK

Well Id: B-27M

Date	Lab Sample Id	Method	Carbon tetrachloride (ug/L)	Chloroform (ug/L)	1,1-Dichloro-ethane (ug/L)	1,1-Dichloro ethene (ug/L)	Methylene chloride (ug/L)	Trans-1,2-dichloro-ethene (ug/L)	Cis-1,2-dichloro-ethylene (ug/L)	1,1,1-Trichloro-ethane (ug/L)	Trichloro-ethene (TCE) (ug/L)	Tetrachloro-ethylene (PCE) (ug/L)	Vinyl chloride (ug/L)	Total (ug/L)
07/12/2001	A1663805	8021	ND	ND	ND	ND	5.8	8.5	400	ND	34	ND	ND	448.3
07/16/2002	A2722910	8021	ND	ND	ND	ND	5.7	9.4	240	ND	18	ND	14	287.1
07/10/2003	A3654301	8021	ND	ND	ND	ND	ND	6.8	230	ND	4.1	ND	9	249.9
07/07/2004	A4636801	8021	ND	ND	ND	1	ND	4.4	80	ND	4.8	ND	4.1	94.3
07/14/2005	A5740601	8260/5ML	ND	ND	ND	ND	ND	3.3	50	ND	5.3	ND	2.3	60.9

ND - Not detected, 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 nondetected values, the data for 2001 to 2004 has been reevaluated and interpreted as follows:

1) Nondetected concentrations have been represented as ND 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.

FORMER CARBORUNDUM FACILITY

WHEATFIELD, NEW YORK

Well Id: B-28M

Date	Lab Sample Id	Method	Carbon tetrachloride (ug/L)	Chloroform (ug/L)	1,1-Dichloro-ethane (ug/L)	1,1-Dichloro ethene (ug/L)	Methylene chloride (ug/L)	Trans-1,2-dichloro-ethene (ug/L)	Cis-1,2-dichloro-ethylene (ug/L)	1,1,1-Trichloro-ethane (ug/L)	Trichloro-ethene (TCE) (ug/L)	Tetrachloro-ethylene (PCE) (ug/L)	Vinyl chloride (ug/L)	Total (ug/L)
01/11/2001	A1035102	8021	ND	ND	ND	ND	ND	ND	1.5	ND	ND	ND	ND	1.5
04/23/2001	A1375205	8021	ND	ND	ND	ND	ND	ND	0.66 J	ND	ND	ND	ND	0.66
07/18/2001	A1682909	8021	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
10/17/2001	A1A23303	8021	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
01/17/2002	A2058506	8021	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
04/10/2002	A2347902	8260	ND	ND	ND	ND	ND	ND	ND	ND	0.25 J	ND	ND	0.25
07/10/2002	A2708304	8021	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
10/03/2002	A2980610	8021	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
01/16/2003	A3056002	8021	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
04/08/2003	A3329701	8021	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
07/03/2003	A3639703	8021	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
10/08/2003	A3978809	8021	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
01/08/2004	A4026304	8021	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
04/13/2004	A4331505	8021	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
06/30/2004	A4619406	8021	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
10/26/2004	A4A60302	8021	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
01/14/2005	A5038302	8260	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
04/05/2005	A5317606	8260	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
07/11/2005	A5724501	8260/5ML	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
10/21/2005	A5B92302	8260	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
01/24/2006	A6089103	8260	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
04/13/2006	6D14002-02	8260	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
07/17/2006	6G18004-06RE1	8260	ND	ND	ND	ND	4 B	ND	ND	ND	ND	ND	ND	4
10/10/2006	6J11002-09	8260	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
01/11/2007	7A12004-03	8260	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
04/05/2007	7D06002-02	8260	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
07/18/2007	7G19011-04	8260	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
10/11/2007	7J12012-04	8260	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
01/09/2008	8A10002-03	8260	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
04/07/2008	8D08002-01	8260	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
07/21/2008	5420901	8260	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
10/15/2008	5499968	8260	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
01/13/2009	5576507	8260	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
04/20/2009	5651173	8260	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
07/13/2009	5722291	8260	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
10/06/2009	5799013	8260	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
01/26/2010	5893227	8260	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND

ND - Not detected, 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 nondetected values, the data for 2001 to 2004 has been reevaluated and interpreted as follows:

1) Nondetected concentrations have been represented as ND 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.

FORMER CARBORUNDUM FACILITY

WHEATFIELD, NEW YORK

Well Id: B-28M

Date	Lab Sample Id	Method	Carbon tetrachloride (ug/L)	Chloroform (ug/L)	1,1-Dichloro-ethane (ug/L)	1,1-Dichloro ethene (ug/L)	Methylene chloride (ug/L)	Trans-1,2-dichloro-ethene (ug/L)	Cis-1,2-dichloro-ethylene (ug/L)	1,1,1-Trichloro-ethane (ug/L)	Trichloro-ethene (TCE) (ug/L)	Tetrachloro-ethylene (PCE) (ug/L)	Vinyl chloride (ug/L)	Total (ug/L)
04/07/2010	5948415	8260	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
07/15/2010	6033916	8260	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
10/19/2010	6116886	8260	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
01/27/2011	6194104	8260	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
04/13/2011	6258132	8260	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
07/25/2011	6355560	8260	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
10/10/2011	6433662	8260	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
01/25/2012	6532444	8260	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
04/03/2012	6605289	8260	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
07/19/2012	6728259	8260	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
10/03/2012	6812018	8260	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
01/17/2013	6926975	8260	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
04/09/2013	7016203	8260	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
07/11/2013	7125535	8260	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
11/14/2013	7278190	8260	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
01/20/2014	7342591	8260	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
04/14/2014	7430453	8260	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
07/14/2014	7532400	8260	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
10/02/2014	7623663	8260	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
01/06/2015	7731161	8260	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
04/15/2015	7849424	8260	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND

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To address the NYSDEC concerns regarding the presentation and plotting of nondetected values, the data for 2001 to 2004 has been reevaluated and interpreted as follows:

1) Nondetected concentrations have been represented as ND for reporting purposes.
2) Total VOCs have been recalculated and represented as the sum of the detected parameters shown on this table.
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FORMER CARBORUNDUM FACILITY

WHEATFIELD, NEW YORK

Well Id: B-29M

Date	Lab Sample Id	Method	Carbon tetrachloride (ug/L)	Chloroform (ug/L)	1,1-Dichloro-ethane (ug/L)	1,1-Dichloro ethene (ug/L)	Methylene chloride (ug/L)	Trans-1,2-dichloro-ethene (ug/L)	Cis-1,2-dichloro-ethylene (ug/L)	1,1,1-Trichloro-ethane (ug/L)	Trichloro-ethene (TCE) (ug/L)	Tetrachloro-ethylene (PCE) (ug/L)	Vinyl chloride (ug/L)	Total (ug/L)
01/16/2001	A1043901	8021	ND	ND	ND	ND	ND	ND	16	ND	0.29 J	ND	1.8	18.09
04/16/2001	A1345806	624	ND	ND	ND	ND	ND	ND	11	ND	ND	ND	ND	11
07/16/2001	A1674114	8021	ND	ND	ND	ND	ND	ND	21	ND	1 J	ND	1.1 J	23.1
10/18/2001	A1A23315	8021	ND	ND	ND	ND	ND	ND	26	ND	7.8	ND	1.8	35.6
01/21/2002	A2066006	8021	ND	ND	ND	ND	ND	ND	26	ND	ND	ND	ND	26
04/17/2002	A2378401	8021	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
07/11/2002	A2708316	8021	ND	ND	ND	ND	ND	ND	32	ND	0.88 J	ND	2.5	35.38
10/09/2002	A2A07701	8021	ND	ND	ND	ND	ND	ND	34	ND	ND	ND	4.5	38.5
01/16/2003	A3055802	8021	ND	ND	ND	ND	ND	ND	9	ND	0.23 J	ND	0.77 J	10
04/21/2003	A3371001	8021	ND	ND	ND	ND	ND	ND	ND	ND	2.5	ND	ND	2.5
07/16/2003	A3683701	8021	ND	ND	ND	ND	ND	ND	12	ND	ND	ND	0.68 J	12.68
10/20/2003	A3A13701	8021	ND	ND	ND	ND	ND	ND	47	ND	1.5	ND	3.8	52.3
01/29/2004	A4077402	8021	ND	ND	ND	0.2 J	ND	ND	26	ND	1.8	ND	2.1	30.1
04/23/2004	A4373001	8021	ND	ND	ND	ND	ND	ND	1.2	ND	ND	ND	ND	1.2
07/21/2004	A4687001	8260	ND	ND	ND	ND	ND	ND	15	ND	0.73 J	ND	ND	15.73
10/20/2004	A4A32401	8021	ND	ND	ND	ND	ND	ND	24	ND	1.4	ND	2.4	27.8
01/13/2005	A5036206	8260	ND	ND	ND	ND	ND	ND	22	ND	1.8	ND	2.1	25.9
04/19/2005	A5387502	8260	ND	ND	ND	ND	ND	ND	12	ND	1.1 J	ND	1.4 J	14.5
07/18/2005	A5753701	8260/5ML	ND	ND	ND	ND	ND	ND	36	ND	3.2	ND	3.1	42.3
07/20/2006	6G21005-08	8260	ND	ND	ND	ND	3	ND	43	ND	8	ND	3	57
07/11/2007	7G12003-02	8260	ND	ND	ND	ND	ND	ND	30	ND	6	ND	3	39
07/25/2008	5426025	8260	ND	ND	ND	ND	ND	ND	19	ND	3 J	ND	1.8 J	23.8
07/14/2009	5723624	8260	ND	ND	ND	ND	ND	ND	17	ND	1.7 J	ND	2.6 J	21.3
07/13/2010	6031620	8260	ND	ND	ND	ND	ND	ND	6.6	ND	ND	ND	1 J	7.6
07/21/2011	6353677	8260	ND	ND	ND	ND	ND	ND	5.8	ND	ND	ND	ND	5.8
07/12/2012	6719400	8260	ND	ND	ND	ND	ND	ND	15	ND	1.9 J	ND	1.7 J	18.6
07/16/2013	7129890	8260	ND	ND	ND	ND	ND	ND	0.93 J	ND	ND	ND	ND	0.93
07/16/2014	7535885	8260	ND	ND	ND	ND	ND	ND	2	ND	ND	ND	0.57 J	2.57

ND - Not detected, 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 nondetected values, the data for 2001 to 2004 has been reevaluated and interpreted as follows:

1) Nondetected concentrations have been represented as ND for reporting purposes.
2) Total VOCs have been recalculated and represented as the sum of the detected parameters shown on this table.
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FORMER CARBORUNDUM FACILITY

WHEATFIELD, NEW YORK

Well Id: B-31M

Date	Lab Sample Id	Method	Carbon tetrachloride (ug/L)	Chloroform (ug/L)	1,1-Dichloro-ethane (ug/L)	1,1-Dichloro ethene (ug/L)	Methylene chloride (ug/L)	Trans-1,2-dichloro-ethene (ug/L)	Cis-1,2-dichloro-ethylene (ug/L)	1,1,1-Trichloro-ethane (ug/L)	Trichloro-ethene (TCE) (ug/L)	Tetrachloro-ethylene (PCE) (ug/L)	Vinyl chloride (ug/L)	Total (ug/L)
01/15/2001	A1041302	8021	ND	ND	ND	ND	ND	ND	4.6	ND	1 J	ND	ND	5.6
04/24/2001	A1375201	8021	ND	ND	ND	ND	ND	ND	5.5	ND	1.2	ND	ND	6.7
07/16/2001	A1674102	8021	ND	ND	ND	ND	ND	ND	7.1	ND	0.56 J	ND	0.57 J	8.23
10/10/2001	A1994706	8021	ND	ND	ND	ND	ND	ND	7.3	ND	ND	ND	0.48 J	7.78
01/17/2002	A2058501	8021	ND	ND	ND	ND	ND	0.2 J	13	ND	4	ND	ND	17.2
04/09/2002	A2332608	8260	ND	ND	ND	ND	ND	ND	4.8	ND	1.1 J	ND	ND	5.9
07/09/2002	A2695509	8021	ND	ND	ND	ND	ND	ND	7.3	ND	1.4	ND	ND	8.7
10/03/2002	A2980607	8021	ND	ND	ND	ND	ND	ND	10	ND	1.7	ND	0.29 J	11.99
01/14/2003	A3043004	8021	ND	0.78 J	ND	ND	ND	ND	6.5	ND	1.2	ND	ND	8.48
04/07/2003	A3320702	8021	ND	ND	ND	ND	ND	ND	10	ND	2.6	ND	ND	12.6
07/02/2003	A3639716	8021	ND	ND	ND	ND	ND	ND	7.7	ND	2.1	ND	ND	9.8
10/09/2003	A3978810	8021	ND	ND	ND	ND	ND	ND	13	ND	3.5	ND	ND	16.5
04/20/2004	A4356903	8021	ND	ND	ND	ND	ND	ND	2.9	ND	ND	ND	ND	2.9
07/14/2004	A4664203	8021	ND	ND	ND	ND	ND	ND	8.8	ND	3.8	ND	ND	12.6
10/25/2004	A4A54101	8021	ND	ND	ND	ND	ND	ND	13	ND	4.5	ND	ND	17.5
01/19/2005	A5050909	8260	ND	ND	ND	ND	ND	ND	5.3	ND	3.2	ND	ND	8.5
04/05/2005	A5317610	8260	ND	ND	ND	ND	ND	ND	2.4	ND	0.64 J	ND	ND	3.04
07/08/2005	A5715201	8260/5ML	ND	ND	ND	ND	ND	ND	6.6	ND	2.3	ND	ND	8.9
07/17/2006	6G18004-01	8260	ND	ND	ND	ND	ND	ND	2	ND	ND	ND	ND	2
07/18/2007	7G19011-06	8260	ND	ND	ND	ND	ND	ND	2	ND	ND	ND	ND	2
07/24/2008	5424622	8260	ND	ND	ND	ND	ND	ND	3.1 J	ND	1.1 J	ND	ND	4.2
07/14/2009	5723632	8260	ND	ND	ND	ND	ND	ND	8.5	ND	4 J	ND	ND	12.5
07/13/2010	6031618	8260	ND	ND	ND	ND	ND	ND	3 J	ND	ND	ND	ND	3
07/18/2011	6348770	8260	ND	ND	ND	ND	ND	ND	5.1	ND	ND	ND	ND	5.1
07/16/2012	6722033	8260	ND	ND	ND	ND	ND	ND	3.3 J	ND	ND	ND	ND	3.3
07/09/2013	7122566	8260	ND	ND	ND	ND	ND	ND	3.4 J	ND	ND	ND	ND	3.4
07/09/2014	7527868	8260	ND	ND	ND	ND	ND	ND	3.7	ND	ND	ND	ND	3.7

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To address the NYSDEC concerns regarding the presentation and plotting of nondetected values, the data for 2001 to 2004 has been reevaluated and interpreted as follows:

1) Nondetected concentrations have been represented as ND for reporting purposes.
2) Total VOCs have been recalculated and represented as the sum of the detected parameters shown on this table.
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FORMER CARBORUNDUM FACILITY

WHEATFIELD, NEW YORK

Well Id: B-32M

Date	Lab Sample Id	Method	Carbon tetrachloride (ug/L)	Chloroform (ug/L)	1,1-Dichloro-ethane (ug/L)	1,1-Dichloro ethene (ug/L)	Methylene chloride (ug/L)	Trans-1,2-dichloro-ethene (ug/L)	Cis-1,2-dichloro-ethylene (ug/L)	1,1,1-Trichloro-ethane (ug/L)	Trichloro-ethene (TCE) (ug/L)	Tetrachloro-ethylene (PCE) (ug/L)	Vinyl chloride (ug/L)	Total (ug/L)
01/18/2001	A1052401	8021	ND	ND	0.29 J	0.23 J	ND	1.8	47	ND	0.67 J	ND	7.5	57.49
04/18/2001	A1361303	624	ND	ND	ND	ND	ND	0.48	10	ND	ND	ND	1.1	11.58
07/18/2001	A1682902	8021	ND	ND	ND	ND	ND	0.61 J	38	ND	ND	ND	9.3	47.91
10/19/2001	A1A28802	8021	ND	ND	ND	ND	ND	0.81 J	56	ND	0.6 J	ND	9.4	66.81
01/14/2002	A2039403	8021	ND	ND	ND	ND	0.54 J	0.56 J	28	ND	1.1 J	ND	3.9	34.1
04/08/2002	A2332603	8260	ND	ND	ND	ND	ND	0.71 J	57	ND	0.68 J	ND	4.8	63.19
04/16/2002	A2369801	8021	ND	ND	0.34 J	0.27 J	ND	ND	62 D	ND	1.6	ND	5.8	70.01
07/08/2002	A2695505	8021	ND	ND	ND	ND	ND	ND	32	ND	ND	ND	2.8	34.8
10/09/2002	A2A07901	8021	ND	ND	ND	ND	ND	0.93 J	56	ND	ND	ND	9.7	66.63
01/13/2003	A3038005	8021	ND	ND	ND	ND	ND	ND	42	ND	1.9	ND	5.2	49.1
04/24/2003	A3389501	8021	ND	ND	ND	ND	ND	ND	56	ND	ND	ND	4.9	60.9
07/16/2003	A3684101	8021	ND	ND	ND	ND	ND	0.74 J	42	ND	0.51 J	ND	2.8	46.05
10/21/2003	A3A22001	8021	ND	ND	ND	ND	ND	0.91 J	61	ND	ND	ND	8.6	70.51
01/07/2004	A4012304	8021	ND	ND	ND	ND	ND	ND	38	ND	ND	ND	3.4	41.4
04/23/2004	A4372904	8021	ND	ND	ND	ND	ND	ND	36	ND	1.3	ND	2.8	40.1
07/20/2004	A4682903	8021	ND	ND	ND	ND	ND	ND	39 E	ND	ND	ND	2.5 E	41.5
07/20/2004	A4682903	8260	ND	ND	ND	ND	2.2 J	0.76 J	31	ND	0.83 J	ND	ND	34.79
10/20/2004	A4A32101	8021	ND	31	ND	ND	ND	0.52 J	ND	ND	0.67 J	ND	4.3	36.49
01/13/2005	A5036405	8260	ND	ND	0.81 J	0.61 J	ND	1.3	71 E	ND	17	ND	3.4	94.12
01/13/2005	A5036405DL	8260							69 D		16 D		2.8 D	87.8
04/19/2005	A5387302	8260	ND	ND	0.45 J	0.48 J	ND	0.4 J	42 E	ND	7.3	ND	3.9	54.53
04/19/2005	A5387302DL	8260	ND	ND	ND	ND	1.9 DJ	ND	34 D	ND	5.8 D	ND	3 D	44.7
07/19/2005	A5762201	8260/5ML	ND	ND	ND	ND	ND	1.1	39	ND	ND	ND	10	50.1
07/20/2006	6G21005-07	8260	ND	ND	ND	ND	2	1	35	ND	ND	ND	7	45
07/10/2007	7G11015-08	8260	ND	ND	ND	ND	ND	ND	28	ND	ND	ND	5	33
07/25/2008	5426032	8260	ND	ND	ND	ND	ND	1.4 J	31	ND	ND	ND	6.8	39.2
07/14/2009	5723630	8260	ND	ND	ND	ND	ND	ND	21	ND	ND	ND	10	31
07/13/2010	6031615	8260	ND	ND	ND	ND	ND	0.82 J	26	ND	ND	ND	11	37.82
07/19/2011	6350148	8260	ND	ND	1 J	ND	ND	1.4 J	54	ND	15	ND	4.7 J	76.1
01/19/2012	6527709	8260	ND	ND	1.1 J	ND	ND	1.1 J	54	ND	28	ND	1.2 J	85.4
04/03/2012	6605293	8260	ND	ND	1.4 J	ND	ND	1.9 J	61	ND	34	ND	1.1 J	99.4
07/12/2012	6719401	8260	ND	ND	ND	ND	ND	1.0 J	23	ND	1.5 J	ND	9.8	35.3
07/15/2013	7128195	8260	ND	ND	1.1 J	ND	ND	1.4 J	43	ND	31	ND	4.5 J	81
07/14/2014	7532404	8260	ND	ND	0.7 J	0.69 J	ND	1.7	43	ND	25	ND	1.9	72.99

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To address the NYSDEC concerns regarding the presentation and plotting of nondetected values, the data for 2001 to 2004 has been reevaluated and interpreted as follows:

1) Nondetected concentrations have been represented as ND for reporting purposes.
2) Total VOCs have been recalculated and represented as the sum of the detected parameters shown on this table.
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FORMER CARBORUNDUM FACILITY

WHEATFIELD, NEW YORK

Well Id: B-33M

Date	Lab Sample Id	Method	Carbon tetrachloride (ug/L)	Chloroform (ug/L)	1,1-Dichloro-ethane (ug/L)	1,1-Dichloro ethene (ug/L)	Methylene chloride (ug/L)	Trans-1,2-dichloro-ethene (ug/L)	Cis-1,2-dichloro-ethylene (ug/L)	1,1,1-Trichloro-ethane (ug/L)	Trichloro-ethene (TCE) (ug/L)	Tetrachloro-ethylene (PCE) (ug/L)	Vinyl chloride (ug/L)	Total (ug/L)
07/18/2001	A1682904	8021	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
07/10/2002	A2708305	8021	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
07/08/2003	A3649207	8021	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
07/14/2004	A4664204	8021	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
07/07/2005	A5706801	8260	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
07/20/2006	6G21005-06	8260	ND	ND	ND	ND	4	ND	ND	ND	ND	ND	ND	4
07/10/2007	7G11015-09	8260	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
07/25/2008	5426033	8260	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
07/14/2009	5723628	8260	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
07/13/2010	6031616	8260	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
07/19/2011	6350147	8260	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
07/12/2012	6719402	8260	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
07/16/2013	7129891	8260	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
07/14/2014	7532397	8260	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND

ND - Not detected, 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 nondetected values, the data for 2001 to 2004 has been reevaluated and interpreted as follows:

1) Nondetected concentrations have been represented as ND for reporting purposes.
2) Total VOCs have been recalculated and represented as the sum of the detected parameters shown on this table.
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FORMER CARBORUNDUM FACILITY

WHEATFIELD, NEW YORK

Well Id: B-34M

Date	Lab Sample Id	Method	Carbon tetrachloride (ug/L)	Chloroform (ug/L)	1,1-Dichloro-ethane (ug/L)	1,1-Dichloro ethene (ug/L)	Methylene chloride (ug/L)	Trans-1,2-dichloro-ethene (ug/L)	Cis-1,2-dichloro-ethylene (ug/L)	1,1,1-Trichloro-ethane (ug/L)	Trichloro-ethene (TCE) (ug/L)	Tetrachloro-ethylene (PCE) (ug/L)	Vinyl chloride (ug/L)	Total (ug/L)
07/18/2001	A1682903	8021	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
07/10/2002	A2708306	8021	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND

ND - Not detected, 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 nondetected values, the data for 2001 to 2004 has been reevaluated and interpreted as follows:

1) Nondetected concentrations have been represented as ND for reporting purposes.
2) Total VOCs have been recalculated and represented as the sum of the detected parameters shown on this table.
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FORMER CARBORUNDUM FACILITY

WHEATFIELD, NEW YORK

Well Id: B-35M

Date	Lab Sample Id	Method	Carbon tetrachloride (ug/L)	Chloroform (ug/L)	1,1-Dichloro-ethane (ug/L)	1,1-Dichloro ethene (ug/L)	Methylene chloride (ug/L)	Trans-1,2-dichloro-ethene (ug/L)	Cis-1,2-dichloro-ethylene (ug/L)	1,1,1-Trichloro-ethane (ug/L)	Trichloro-ethene (TCE) (ug/L)	Tetrachloro-ethylene (PCE) (ug/L)	Vinyl chloride (ug/L)	Total (ug/L)
07/18/2001	A1682906	8021	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
07/10/2002	A2708303	8021	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND

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To address the NYSDEC concerns regarding the presentation and plotting of nondetected values, the data for 2001 to 2004 has been reevaluated and interpreted as follows:

1) Nondetected concentrations have been represented as ND 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.

FORMER CARBORUNDUM FACILITY

WHEATFIELD, NEW YORK

Well Id: B-37M

Date	Lab Sample Id	Method	Carbon tetrachloride (ug/L)	Chloroform (ug/L)	1,1-Dichloro-ethane (ug/L)	1,1-Dichloro ethene (ug/L)	Methylene chloride (ug/L)	Trans-1,2-dichloro-ethene (ug/L)	Cis-1,2-dichloro-ethylene (ug/L)	1,1,1-Trichloro-ethane (ug/L)	Trichloro-ethene (TCE) (ug/L)	Tetrachloro-ethylene (PCE) (ug/L)	Vinyl chloride (ug/L)	Total (ug/L)
07/03/2003	A3639717	8021	ND	ND	ND	2.2	ND	13	1500 D	1.8	64000 D	ND	ND	65517
06/29/2004	A4614513	8021	ND	ND	ND	ND	ND	ND	3400	ND	24000	ND	ND	27400
07/08/2005	A5715207	8260/5ML	ND	ND	ND	1.7	ND	19	880 E	ND	1300 E	ND	ND	2200.7
07/08/2005	A5715207DL	8260/5ML	ND	ND	ND	ND	28 D	ND	1900 D	ND	4900 D	ND	ND	6828

ND - Not detected, 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 nondetected values, the data for 2001 to 2004 has been reevaluated and interpreted as follows:

1) Nondetected concentrations have been represented as ND 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.

FORMER CARBORUNDUM FACILITY

WHEATFIELD, NEW YORK

Well Id: B-38M

Date	Lab Sample Id	Method	Carbon tetrachloride (ug/L)	Chloroform (ug/L)	1,1-Dichloro-ethane (ug/L)	1,1-Dichloro ethene (ug/L)	Methylene chloride (ug/L)	Trans-1,2-dichloro-ethene (ug/L)	Cis-1,2-dichloro-ethylene (ug/L)	1,1,1-Trichloro-ethane (ug/L)	Trichloro-ethene (TCE) (ug/L)	Tetrachloro-ethylene (PCE) (ug/L)	Vinyl chloride (ug/L)	Total (ug/L)
01/19/2001	A1056801	8021	ND	ND	ND	ND	ND	ND	45	ND	0.4 J	ND	ND	45.4
04/24/2001	A1375202	8021	ND	ND	ND	ND	ND	ND	48	ND	2.5	ND	ND	50.5
07/18/2001	A1682907	8021	ND	ND	ND	ND	ND	0.26 J	44	ND	1.8	ND	ND	46.06
10/19/2001	A1A28801	8021	ND	ND	ND	ND	ND	ND	43	ND	4.9	ND	1.1 J	49
01/21/2002	A2066004	8021	ND	ND	ND	ND	ND	0.51 J	48	ND	3.2	ND	ND	51.71
04/16/2002	A2370103	8021	ND	ND	0.49 J	0.26 J	ND	0.96 J	81 D	ND	3.7	ND	3.4	89.81
07/11/2002	A2708313	8021	ND	ND	0.42 J	ND	ND	1.1	84	ND	5.1	ND	ND	90.62
10/08/2002	A2999309	8021	ND	1.6	ND	ND	ND	ND	52	ND	4.8	ND	ND	58.4
10/15/2002	A2A23604	8021	ND	ND	ND	ND	ND	ND	41	ND	4.6	ND	ND	45.6
01/16/2003	A3055801	8021	ND	ND	ND	ND	ND	0.54 J	80	ND	7.8	ND	1.4 J	89.74
04/08/2003	A3329506	8021	ND	ND	ND	ND	3.4	ND	51	ND	3.9	ND	1.1 J	59.4
07/08/2003	A3649102	8021	ND	ND	ND	ND	2 J	ND	71	ND	2.8	ND	ND	75.8
10/13/2003	A3991401	8021	ND	ND	ND	ND	ND	ND	94	ND	6.1	ND	ND	100.1
01/09/2004	A4026202	8021	ND	ND	ND	ND	ND	ND	100	ND	8	ND	ND	108
04/13/2004	A4331805	8021	ND	ND	ND	ND	ND	1.1	88	ND	12	ND	ND	101.1
07/06/2004	A4636505	8021	ND	ND	1.6	1.9	ND	1.9	110	ND	23	ND	2	140.4
10/26/2004	A4A60201	8021	ND	ND	1.2	0.57 J	ND	1.3	140 E	ND	21	ND	0.85 J	164.92
01/20/2005	A5057701	8260	ND	ND	0.82 J	ND	1.1 J	0.91 J	74	ND	19	ND	ND	95.83
04/05/2005	A5317801	8260	ND	ND	1	0.63 J	ND	1.6	90 E	ND	31	ND	1.8	126.03
04/05/2005	A5317801DL	8260	ND	ND	ND	ND	2.8 D	ND	73 D	ND	24 D	ND	ND	99.8
07/11/2005	A5724702	8260/5ML	ND	ND	0.81 J	0.71 J	ND	1.3	73	ND	24	ND	ND	99.82
10/21/2005	A5B92601	8260	ND	ND	0.84 J	0.74 J	ND	1	78	ND	27	ND	1.8	109.38
01/24/2006	A6089104	8260	ND	ND	1.2	0.72 J	ND	1.3	81	ND	25	ND	2	111.22
04/13/2006	6D14002-05	8260	ND	ND	1	ND	ND	2	82	ND	33	ND	ND	118
07/17/2006	6G18004-04	8260	ND	ND	ND	ND	ND	1	66	ND	25	ND	ND	92
10/12/2006	6J16007-02RE1	8260	ND	ND	ND	ND	ND	ND	55	ND	23	ND	2	80
01/10/2007	7A11003-06	8260	ND	ND	ND	ND	ND	ND	56	ND	23	ND	2	81
04/05/2007	7D06002-03	8260	ND	ND	ND	ND	ND	ND	41	ND	20	ND	ND	61
07/18/2007	7G19011-01	8260	ND	ND	ND	ND	ND	1	58	ND	32	ND	ND	91
10/11/2007	7J12012-05	8260	ND	ND	ND	ND	ND	ND	36	ND	21	ND	ND	57
01/09/2008	8A10002-04	8260	ND	ND	ND	ND	ND	ND	63	ND	29	ND	3	95
04/08/2008	8D09003-01	8260	ND	ND	ND	ND	2 B	ND	39	ND	12	ND	ND	53
07/25/2008	5426024	8260	ND	ND	ND	ND	ND	0.88 J	48	ND	21	ND	ND	69.88
10/14/2008	5498683	8260	ND	ND	ND	ND	ND	ND	46	ND	25	ND	ND	71
01/21/2009	5582432	8260	ND	ND	ND	ND	ND	ND	54	ND	19	ND	1.4 J	74.4
04/20/2009	5651169	8260	ND	ND	ND	ND	ND	1 J	64	ND	23	ND	2 J	90
07/13/2009	5722288	8260	ND	ND	ND	ND	ND	ND	50	ND	20	ND	ND	70

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To address the NYSDEC concerns regarding the presentation and plotting of nondetected values, the data for 2001 to 2004 has been reevaluated and interpreted as follows:

1) Nondetected concentrations have been represented as ND for reporting purposes.
2) Total VOCs have been recalculated and represented as the sum of the detected parameters shown on this table.
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FORMER CARBORUNDUM FACILITY

WHEATFIELD, NEW YORK

Well Id: B-38M

Date	Lab Sample Id	Method	Carbon tetrachloride (ug/L)	Chloroform (ug/L)	1,1-Dichloro-ethane (ug/L)	1,1-Dichloro ethene (ug/L)	Methylene chloride (ug/L)	Trans-1,2-dichloro-ethene (ug/L)	Cis-1,2-dichloro-ethylene (ug/L)	1,1,1-Trichloro-ethane (ug/L)	Trichloro-ethene (TCE) (ug/L)	Tetrachloro-ethylene (PCE) (ug/L)	Vinyl chloride (ug/L)	Total (ug/L)
10/06/2009	5799015	8260	ND	ND	ND	ND	ND	ND	41	ND	17	ND	ND	58
01/21/2010	5889954	8260	ND	ND	ND	ND	ND	0.99 J	59	ND	24	ND	ND	83.99
04/07/2010	5948418	8260	ND	ND	ND	ND	ND	0.93 J	41	ND	19	ND	ND	60.93
07/15/2010	6033917	8260	ND	ND	ND	ND	ND	1.1 J	51	ND	30	ND	ND	82.1
10/19/2010	6116888	8260	ND	ND	ND	ND	ND	ND	37	ND	27	ND	ND	64
01/26/2011	6192957	8260	ND	ND	ND	ND	ND	ND	44	ND	23	ND	1 J	68
04/14/2011	6259036	8260	ND	ND	ND	ND	ND	0.95 J	47	ND	20	ND	ND	67.95
07/25/2011	6355559	8260	ND	ND	1.1 J	ND	ND	1.1 J	51	ND	28	ND	2 J	83.2
10/10/2011	6433657	8260	ND	ND	ND	0.91 J	ND	1.1 J	53	ND	39	ND	2.4 J	96.41
01/19/2012	6527710	8260	ND	ND	ND	ND	ND	0.92 J	44	ND	21	ND	1.1 J	67.02
04/04/2012	6607028	8260	ND	ND	1.2 J	ND	ND	1.4 J	56	ND	40	ND	ND	98.6
07/19/2012	6728256	8260	ND	ND	ND	ND	ND	0.83 J	45	ND	39	ND	1.1 J	85.93
10/03/2012	6812013	8260	ND	ND	ND	ND	ND	ND	36	ND	27	ND	ND	63
01/17/2013	6926980	8260	ND	ND	ND	ND	ND	1.1 J	48	ND	24	ND	ND	73.1
04/09/2013	7016204	8260	ND	ND	1.4 J	ND	ND	1.4 J	59	ND	44	ND	ND	105.8
07/11/2013	7125532	8260	ND	ND	1.6 J	0.94 J	ND	1.4 J	60	ND	52	ND	1.9 J	117.84
11/14/2013	7278193	8260	ND	ND	1.2 J	0.90 J	ND	ND	60	ND	51	ND	1.9 J	115
01/20/2014	7342594	8260	ND	ND	ND	ND	ND	1.2 J	50	ND	43	ND	1.3 J	95.5
04/14/2014	7430447	8260	ND	ND	0.92 J	0.83 J	ND	1.4	55	ND	59	ND	1.5	118.65
07/14/2014	7532403	8260	ND	ND	0.7 J	0.62 J	ND	1.1	46	ND	40	ND	1.2	89.62
10/02/2014	7623660	8260	ND	ND	0.62 J	0.60 J	ND	1.0	44	ND	41	ND	0.71 J	87.93
01/06/2015	7731164	8260	ND	ND	ND	ND	ND	ND	37	ND	30	ND	2.0	69
04/15/2015	7849422	8260	ND	ND	0.53 J	0.81 J	ND	0.95 J	43	ND	31	ND	2.4	78.69

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FORMER CARBORUNDUM FACILITY

WHEATFIELD, NEW YORK

Well Id: B-39M

Date	Lab Sample Id	Method	Carbon tetrachloride (ug/L)	Chloroform (ug/L)	1,1-Dichloro-ethane (ug/L)	1,1-Dichloro ethene (ug/L)	Methylene chloride (ug/L)	Trans-1,2-dichloro-ethene (ug/L)	Cis-1,2-dichloro-ethylene (ug/L)	1,1,1-Trichloro-ethane (ug/L)	Trichloro-ethene (TCE) (ug/L)	Tetrachloro-ethylene (PCE) (ug/L)	Vinyl chloride (ug/L)	Total (ug/L)
01/11/2001	A1035106	8021	ND	ND	ND	ND	ND	0.21 J	4.5	ND	8.7	ND	ND	13.41
04/19/2001	A1361308	624	ND	ND	ND	ND	ND	ND	ND	ND	0.32	ND	ND	0.32
07/10/2001	A1648711	8021	ND	ND	ND	ND	ND	ND	0.84 J	ND	2.6	ND	ND	3.44
10/18/2001	A1A23312	8021	ND	ND	ND	ND	ND	ND	11	ND	97	ND	ND	108
01/24/2002	A2076707	8021	ND	ND	ND	ND	1.9 J	ND	ND	ND	5.9	ND	ND	7.8
04/15/2002	A2370202	8021	ND	ND	ND	ND	ND	ND	ND	ND	2.4	ND	ND	2.4
07/16/2002	A2722906	8021	ND	ND	ND	ND	ND	ND	0.31 J	ND	2	ND	ND	2.31
10/08/2002	A2999101	8021	ND	ND	ND	ND	ND	ND	0.27 J	ND	2.4	ND	ND	2.67
01/23/2003	A3075201	8021	ND	ND	ND	ND	ND	ND	ND	ND	1.7	ND	ND	1.7
04/25/2003	A3389603	8021	ND	ND	ND	ND	ND	ND	0.61 J	ND	2.8	ND	ND	3.41
07/21/2003	A3699404	8021	ND	ND	ND	ND	ND	ND	1.2	ND	2.6	ND	ND	3.8
10/22/2003	A3A21903	8021	ND	ND	ND	ND	ND	ND	5.4	ND	7.4	ND	ND	12.8
01/21/2004	A4053401	8021	ND	ND	ND	ND	ND	ND	2.3	ND	8.5	ND	ND	10.8
04/29/2004	A4402502	8021	ND	ND	ND	ND	ND	ND	ND	ND	3.6	ND	ND	3.6
07/16/2004	A4674301	8021	ND	ND	ND	ND	ND	ND	4.9 E	ND	8.4	ND	ND	13.3
07/16/2004	A4674301	8260	ND	ND	ND	ND	ND	ND	4	ND	10	ND	ND	14
10/12/2004	A4A09405	8021	ND	ND	ND	ND	ND	ND	4	ND	8.1	ND	ND	12.1
01/12/2005	A5036106	8260	ND	ND	ND	ND	ND	ND	1.9	ND	140 E	ND	ND	141.9
01/12/2005	A5036106DL	8260									94 D			94
04/26/2005	A5414401	8260	ND	ND	ND	ND	ND	ND	0.8 J	ND	4.3	ND	ND	5.1
07/26/2005	A5791601	8260/5ML	ND	ND	ND	ND	ND	ND	3.3	ND	8.5	ND	ND	11.8
10/21/2005	A5B92802	8260	ND	ND	ND	ND	ND	ND	2	ND	4.8	ND	ND	6.8
01/26/2006	A6102406	8260	ND	ND	ND	ND	ND	ND	2	ND	7	ND	ND	9
04/20/2006	6D21003-03	8260	ND	ND	ND	ND	ND	ND	2	ND	7	ND	ND	9
07/18/2006	6G19003-03	8260	ND	ND	ND	ND	4 B	ND	7	ND	7	ND	ND	18
10/11/2006	6J12003-06RE1	8260	ND	ND	ND	ND	ND	ND	3	ND	4	ND	ND	7
01/09/2007	7A10006-04	8260	ND	ND	ND	ND	ND	ND	2	ND	7	ND	ND	9
04/17/2007	7D18003-01	8260	ND	ND	ND	ND	ND	ND	2	ND	5	ND	ND	7
07/16/2007	7G17015-07	8260	ND	ND	ND	ND	ND	ND	4	ND	1	ND	ND	5
10/15/2007	7J16003-01	8260	ND	ND	ND	ND	ND	ND	4	ND	3	ND	ND	7
01/14/2008	8A15002-01	8260	ND	ND	ND	ND	ND	ND	4	ND	14	ND	ND	18
04/15/2008	8D16011-02	8260	ND	ND	ND	ND	5 B	ND	ND	ND	3	ND	ND	8
07/24/2008	5424626	8260	ND	ND	ND	ND	ND	ND	0.9 J	ND	4.1 J	ND	ND	5
10/16/2008	5501559	8260	ND	ND	ND	ND	ND	ND	0.87 J	ND	3 J	ND	ND	3.87
01/21/2009	5582425	8260	ND	ND	ND	ND	ND	ND	0.86 J	ND	2.5 J	ND	ND	3.36
04/16/2009	5649168	8260	ND	ND	ND	ND	ND	ND	1.7 J	ND	4.1 J	ND	ND	5.8
07/07/2009	5718467	8260	ND	ND	ND	ND	ND	ND	1.4 J	ND	3 J	ND	ND	4.4

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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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FORMER CARBORUNDUM FACILITY

WHEATFIELD, NEW YORK

Well Id: B-39M

Date	Lab Sample Id	Method	Carbon tetrachloride (ug/L)	Chloroform (ug/L)	1,1-Dichloro-ethane (ug/L)	1,1-Dichloro ethene (ug/L)	Methylene chloride (ug/L)	Trans-1,2-dichloro-ethene (ug/L)	Cis-1,2-dichloro-ethylene (ug/L)	1,1,1-Trichloro-ethane (ug/L)	Trichloro-ethene (TCE) (ug/L)	Tetrachloro-ethylene (PCE) (ug/L)	Vinyl chloride (ug/L)	Total (ug/L)
10/07/2009	5800391	8260	ND	ND	ND	ND	ND	ND	1 J	ND	2 J	ND	ND	3
01/25/2010	5892341	8260	ND	ND	ND	ND	ND	ND	2.4 J	ND	5.9	ND	ND	8.3
04/15/2010	5955535	8260	ND	ND	ND	ND	ND	ND	1.7 J	ND	5.1	ND	ND	6.8
07/15/2010	6033921	8260	ND	ND	ND	ND	ND	ND	1.9 J	ND	4.4 J	ND	ND	6.3
10/18/2010	6115531	8260	ND	ND	ND	ND	ND	ND	1.7 J	ND	3.8 J	ND	ND	5.5
01/24/2011	6190817	8260	ND	ND	ND	ND	ND	ND	1.3 J	ND	3.6 J	ND	ND	4.9
04/20/2011	6264712	8260	ND	ND	ND	ND	ND	ND	ND	ND	1.8 J	ND	ND	1.8
07/20/2011	6352281	8260	ND	ND	ND	ND	ND	ND	0.88 J	ND	2.2 J	ND	ND	3.08
10/11/2011	6434696	8260	ND	ND	ND	ND	ND	ND	0.94 J	ND	2.2 J	ND	ND	3.14
01/25/2012	6532443	8260	ND	ND	ND	ND	ND	ND	1.1 J	ND	4.8 J	ND	ND	5.9
04/05/2012	6608278	8260	ND	ND	ND	ND	ND	ND	3.2 J	ND	10	ND	ND	13.2
07/11/2012	6717363	8260	ND	ND	ND	ND	ND	ND	2.8 J	ND	7.3	ND	ND	10.1
10/04/2012	6814373	8260	ND	ND	ND	ND	ND	ND	4.8 J	ND	8.7	ND	ND	13.5
01/24/2013	6934228	8260	ND	ND	ND	ND	ND	ND	2.0 J	ND	10	ND	ND	12
04/02/2013	7007573	8260	ND	ND	ND	ND	ND	ND	1.8 J	ND	8.0	ND	ND	9.8
07/02/2013	7117041	8260	ND	ND	ND	ND	ND	ND	1.8 J	ND	6.8	ND	ND	8.6
11/11/2013	7273093	8260	ND	ND	ND	ND	ND	ND	1.7 J	ND	5.3	ND	ND	7
01/17/2014	7341379	8260	ND	ND	ND	ND	ND	ND	1.6 J	ND	5.2	ND	ND	6.8
04/22/2014	7439162	8260	ND	ND	ND	ND	ND	ND	2.6	ND	7.5	ND	ND	10.1
07/11/2014	7531029	8260	ND	ND	ND	ND	ND	ND	2.7	ND	8.2	ND	ND	10.9
10/03/2014	7625305	8260	ND	ND	ND	ND	ND	ND	3.3	ND	9.2	ND	ND	12.5
01/06/2015	7731154	8260	ND	5.4	ND	ND	ND	ND	4.1	ND	22	ND	ND	31.5
04/21/2015	7856505	8260	ND	ND	ND	ND	ND	ND	1.4	ND	5.9	ND	ND	7.3

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FORMER CARBORUNDUM FACILITY

WHEATFIELD, NEW YORK

Well Id: B-40M

Date	Lab Sample Id	Method	Carbon tetrachloride (ug/L)	Chloroform (ug/L)	1,1-Dichloro-ethane (ug/L)	1,1-Dichloro ethene (ug/L)	Methylene chloride (ug/L)	Trans-1,2-dichloro-ethene (ug/L)	Cis-1,2-dichloro-ethylene (ug/L)	1,1,1-Trichloro-ethane (ug/L)	Trichloro-ethene (TCE) (ug/L)	Tetrachloro-ethylene (PCE) (ug/L)	Vinyl chloride (ug/L)	Total (ug/L)
01/11/2001	A1035107	8021	ND	ND	ND	ND	ND	1.1	5.6	ND	ND	ND	1.5 J	8.2
04/19/2001	A1361306	624	ND	ND	ND	ND	ND	ND	0.97	ND	ND	ND	ND	0.97
07/10/2001	A1648710	8021	ND	ND	ND	ND	ND	0.26 J	3.2	ND	ND	ND	0.28 J	3.74
10/18/2001	A1A23311	8021	ND	ND	ND	ND	ND	ND	3.3	ND	41	ND	ND	44.3
01/22/2002	A2066012RE	8021	ND	ND	ND	ND	ND	ND	5.1	ND	ND	ND	1.4 J	6.5
04/12/2002	A2351801	8021	ND	ND	ND	ND	ND	0.6 J	6	ND	ND	ND	0.87 J	7.47
07/12/2002	A2713907	8021	ND	ND	ND	ND	ND	ND	5	ND	ND	ND	ND	5
10/08/2002	A2999308	8021	ND	ND	ND	ND	ND	0.7 J	6.9	ND	0.58 J	ND	1 J	9.18
01/20/2003	A3060804	8021	ND	ND	ND	ND	ND	0.43 J	4.5	ND	0.29 J	ND	0.75 J	5.97
04/25/2003	A3389401	8021	ND	ND	ND	ND	ND	0.48 J	4.4	ND	ND	ND	0.58 J	5.46
07/17/2003	A3683703	8021	ND	ND	ND	ND	ND	0.38 J	3.8	ND	ND	ND	0.22 J	4.4
10/17/2003	A3A09004	8021	ND	ND	ND	ND	ND	ND	3.4	ND	ND	ND	ND	3.4
01/20/2004	A4053202	8021	ND	ND	ND	ND	ND	ND	3.1	ND	ND	ND	ND	3.1
04/29/2004	A4402401	8021	ND	ND	ND	ND	ND	ND	2.1	ND	ND	ND	ND	2.1
07/16/2004	A4674201	8021	ND	ND	ND	ND	ND	ND	3 E	ND	ND	ND	ND	3
07/16/2004	A4674201	8260	ND	ND	ND	ND	ND	0.58 J	2.9	ND	ND	ND	ND	3.48
10/12/2004	A4A09702	8021	ND	ND	ND	ND	ND	0.53 J	6.1	ND	ND	ND	ND	6.63
01/12/2005	A5036203	8260	ND	ND	ND	ND	ND	0.62 J	4.8	ND	0.38 J	ND	ND	5.8
04/26/2005	A5414301	8260	ND	ND	ND	ND	ND	0.6 J	4.3	ND	0.3 J	ND	ND	5.2
07/26/2005	A5791602	8260/5ML	ND	ND	ND	ND	ND	ND	2.1	ND	ND	ND	ND	2.1
10/21/2005	A5B92602	8260	ND	ND	ND	ND	ND	0.73 J	4.8	ND	0.91 J	ND	ND	6.44
01/27/2006	A6102501	8260	ND	ND	ND	ND	ND	0.64 J	5.4	ND	1.6	ND	ND	7.64
04/20/2006	6D21003-04	8260	ND	ND	ND	ND	ND	ND	3	ND	ND	ND	ND	3
07/18/2006	6G19003-04	8260	ND	ND	ND	ND	5 B	ND	4	ND	1	ND	ND	10
10/11/2006	6J12003-05	8260	ND	ND	ND	ND	ND	ND	5	ND	2	ND	ND	7
01/05/2007	7A05012-04	8260	ND	ND	ND	ND	3 B	ND	6	ND	3	ND	ND	12
04/17/2007	7D18003-02	8260	ND	ND	ND	ND	ND	ND	4	ND	2	ND	ND	6
07/16/2007	7G17015-10	8260	ND	ND	ND	ND	ND	ND	3	ND	ND	ND	ND	3
10/15/2007	7J16003-02	8260	ND	ND	ND	ND	ND	ND	4	ND	2	ND	ND	6
01/09/2008	8A10002-06	8260	ND	ND	ND	ND	ND	ND	4	ND	2	ND	ND	6
04/15/2008	8D16011-03	8260	ND	ND	ND	ND	4 B	ND	4	ND	3	ND	ND	11
07/23/2008	5423261	8260	ND	ND	ND	ND	ND	ND	3.1 J	ND	1.6 J	ND	ND	4.7
10/16/2008	5501558	8260	ND	ND	ND	ND	ND	ND	6.1	ND	3.2 J	ND	ND	9.3
01/21/2009	5582426	8260	ND	ND	ND	ND	ND	ND	5.9	ND	2.9 J	ND	ND	8.8
04/16/2009	5649167	8260	ND	ND	ND	ND	ND	ND	3.9 J	ND	2.5 J	ND	ND	6.4
07/07/2009	5718466	8260	ND	ND	ND	ND	ND	ND	2.7 J	ND	1.7 J	ND	ND	4.4
10/07/2009	5800392	8260	ND	ND	ND	ND	ND	ND	2.8 J	ND	1.6 J	ND	ND	4.4

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FORMER CARBORUNDUM FACILITY

WHEATFIELD, NEW YORK

Well Id: B-40M

Date	Lab Sample Id	Method	Carbon tetrachloride (ug/L)	Chloroform (ug/L)	1,1-Dichloro-ethane (ug/L)	1,1-Dichloro ethene (ug/L)	Methylene chloride (ug/L)	Trans-1,2-dichloro-ethene (ug/L)	Cis-1,2-dichloro-ethylene (ug/L)	1,1,1-Trichloro-ethane (ug/L)	Trichloro-ethene (TCE) (ug/L)	Tetrachloro-ethylene (PCE) (ug/L)	Vinyl chloride (ug/L)	Total (ug/L)
01/25/2010	5892342	8260	ND	ND	ND	ND	ND	ND	4.1 J	ND	2.6 J	ND	ND	6.7
04/15/2010	5955536	8260	ND	ND	ND	ND	ND	ND	3.9 J	ND	2.7 J	ND	ND	6.6
07/19/2010	6036148	8260	ND	ND	ND	ND	ND	ND	3.7 J	ND	2.5 J	ND	ND	6.2
10/18/2010	6115534	8260	ND	ND	ND	ND	ND	ND	4.4 J	ND	2 J	ND	ND	6.4
01/24/2011	6190816	8260	ND	ND	ND	ND	ND	ND	6.6	ND	4.2 J	ND	ND	10.8
04/20/2011	6264714	8260	ND	ND	ND	ND	ND	ND	2.8 J	ND	1.7 J	ND	ND	4.5
07/20/2011	6352282	8260	ND	ND	ND	ND	ND	ND	3.4 J	ND	2 J	ND	ND	5.4
10/11/2011	6434699	8260	ND	ND	ND	ND	ND	0.91 J	4.7 J	ND	2.1 J	ND	ND	7.71
01/18/2012	6526477	8260	ND	ND	ND	ND	ND	ND	4.2 J	ND	1.8 J	ND	ND	6
04/05/2012	6608277	8260	ND	ND	ND	ND	ND	ND	3.8 J	ND	6.1	ND	ND	9.9
07/11/2012	6717361	8260	ND	ND	ND	ND	ND	ND	2.6 J	ND	2.1 J	ND	ND	4.7
10/04/2012	6814370	8260	ND	ND	ND	ND	ND	ND	3.6 J	ND	2.4 J	ND	ND	6
01/24/2013	6934227	8260	ND	ND	ND	ND	ND	ND	3.3 J	ND	2.2 J	ND	ND	5.5
04/02/2013	7007574	8260	ND	ND	ND	ND	ND	ND	2.6 J	ND	1.6 J	ND	ND	4.2
07/02/2013	7117040	8260	ND	ND	ND	ND	ND	ND	2.6 J	ND	2.6 J	ND	ND	5.2
11/11/2013	7273092	8260	ND	ND	ND	ND	ND	ND	4.8 J	ND	4.5 J	ND	ND	9.3
01/17/2014	7341381	8260	ND	ND	ND	ND	ND	ND	3.4 J	ND	3.2 J	ND	ND	6.6
04/22/2014	7439161	8260	ND	ND	ND	ND	ND	ND	2.2	ND	1.4	ND	ND	3.6
07/11/2014	7531030	8260	ND	ND	ND	ND	ND	0.88 J	5.6	ND	6.9	ND	ND	13.38
10/03/2014	7625302	8260	ND	ND	ND	ND	ND	0.66 J	4.8	ND	5.1	ND	ND	10.56
01/06/2015	7731155	8260	ND	ND	ND	ND	ND	0.58 J	4.6	ND	6.6	ND	ND	11.78
04/21/2015	7856504	8260	ND	ND	ND	ND	ND	ND	3	ND	1.9	ND	ND	4.9

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FORMER CARBORUNDUM FACILITY

WHEATFIELD, NEW YORK

Well Id: B-41M

Date	Lab Sample Id	Method	Carbon tetrachloride (ug/L)	Chloroform (ug/L)	1,1-Dichloro-ethane (ug/L)	1,1-Dichloro ethene (ug/L)	Methylene chloride (ug/L)	Trans-1,2-dichloro-ethene (ug/L)	Cis-1,2-dichloro-ethylene (ug/L)	1,1,1-Trichloro-ethane (ug/L)	Trichloro-ethene (TCE) (ug/L)	Tetrachloro-ethylene (PCE) (ug/L)	Vinyl chloride (ug/L)	Total (ug/L)
01/12/2001	A1035108	8021	ND	ND	ND	ND	ND	1.3	3.1	ND	0.37 J	ND	ND	4.77
04/19/2001	A1361312	624	ND	ND	ND	ND	ND	ND	0.45	ND	ND	ND	ND	0.45
07/10/2001	A1648709	8021	ND	ND	ND	ND	ND	0.55 J	1.6	ND	0.38 J	ND	ND	2.53
10/18/2001	A1A23308	8021	ND	ND	ND	ND	ND	ND	ND	ND	100	ND	ND	100
01/23/2002	A2076802RI	8021	ND	ND	ND	ND	3.5	ND	ND	ND	ND	ND	ND	3.5
04/15/2002	A2370101	8021	ND	ND	ND	ND	ND	ND	1.8	ND	1 J	ND	ND	2.8
07/15/2002	A2723101	8021	ND	ND	ND	ND	ND	ND	1.2	ND	0.47 J	ND	ND	1.67
10/08/2002	A2999207	8021	ND	ND	ND	ND	ND	0.38 J	1.4	ND	0.84 J	ND	ND	2.62
01/21/2003	A3069004	8021	ND	ND	ND	ND	ND	0.44 J	1.5	ND	0.81 J	ND	ND	2.75
04/28/2003	A3399801	8021	ND	ND	ND	ND	ND	0.57 J	2.3	ND	ND	ND	ND	2.87
07/17/2003	A3683705	8021	ND	ND	ND	ND	ND	0.52 J	2.3	ND	0.65 J	ND	ND	3.47
10/17/2003	A3A09005	8021	ND	ND	ND	ND	ND	ND	2.7	ND	ND	ND	ND	2.7
01/21/2004	A4053204	8021	ND	ND	ND	ND	ND	ND	2.4	ND	ND	ND	ND	2.4
04/30/2004	A4402402	8021	ND	ND	ND	ND	ND	1.2	3.1	ND	ND	ND	ND	4.3
07/16/2004	A4674202	8260	ND	ND	ND	ND	ND	0.9 J	2.3	ND	0.3 J	ND	ND	3.5
07/16/2004	A4674202	8021	ND	ND	ND	ND	ND	1.1 E	2.6 E	ND	ND	ND	ND	3.7
10/12/2004	A4A09701	8021	ND	ND	ND	ND	ND	1.3	6.7	ND	ND	ND	ND	8
01/18/2005	A5051003	8260	ND	ND	ND	ND	ND	0.75 J	2	ND	0.38 J	ND	ND	3.13
04/26/2005	A5414302	8260	ND	ND	ND	ND	ND	1.3	3.8	ND	ND	ND	ND	5.1
07/26/2005	A5791603	8260/5ML	ND	ND	ND	ND	ND	1.2	2.9	ND	ND	ND	ND	4.1
10/21/2005	A5B92603	8260	ND	ND	ND	ND	ND	1	4.3	ND	ND	ND	0.99 J	6.29
01/27/2006	A6102502	8260	ND	ND	ND	ND	ND	0.62 J	3.1	ND	ND	ND	ND	3.72
04/21/2006	6D21017-03	8260	ND	ND	ND	ND	ND	ND	4	ND	ND	ND	ND	4
07/18/2006	6G19003-02	8260	ND	ND	ND	ND	4 B	ND	5	ND	ND	ND	ND	9
10/12/2006	6J16007-01RE1	8260	ND	ND	ND	ND	ND	ND	3	ND	ND	ND	ND	3
01/09/2007	7A10006-07	8260	ND	ND	ND	ND	ND	ND	4	ND	1	ND	ND	5
04/17/2007	7D18003-03	8260	ND	ND	ND	ND	ND	ND	5	ND	ND	ND	ND	5
07/16/2007	7G17015-09	8260	ND	ND	ND	ND	ND	ND	4	ND	ND	ND	ND	4
10/15/2007	7J16003-03	8260	ND	ND	ND	ND	ND	ND	3	ND	ND	ND	ND	3
01/09/2008	8A10002-05	8260	ND	ND	ND	ND	ND	ND	3	ND	ND	ND	ND	3
04/16/2008	8D16026-01	8260	ND	ND	ND	ND	4 B	ND	5	ND	ND	ND	ND	9
07/16/2008	5417443	8260	ND	ND	ND	ND	ND	ND	2.5 J	ND	ND	ND	ND	2.5
10/16/2008	5501557	8260	ND	ND	ND	ND	ND	ND	4.6 J	ND	ND	ND	ND	4.6
01/21/2009	5582427	8260	ND	ND	ND	ND	ND	ND	5.9	ND	ND	ND	1.5 J	7.4
04/16/2009	5649169	8260	ND	ND	ND	ND	ND	ND	6.8	ND	ND	ND	1.4 J	8.2
07/07/2009	5718464	8260	ND	ND	ND	ND	ND	ND	4.3 J	ND	ND	ND	ND	4.3
10/07/2009	5800393	8260	ND	ND	ND	ND	ND	ND	3.3 J	ND	ND	ND	ND	3.3

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FORMER CARBORUNDUM FACILITY

WHEATFIELD, NEW YORK

Well Id: B-41M

Date	Lab Sample Id	Method	Carbon tetrachloride (ug/L)	Chloroform (ug/L)	1,1-Dichloro-ethane (ug/L)	1,1-Dichloro ethene (ug/L)	Methylene chloride (ug/L)	Trans-1,2-dichloro-ethene (ug/L)	Cis-1,2-dichloro-ethylene (ug/L)	1,1,1-Trichloro-ethane (ug/L)	Trichloro-ethene (TCE) (ug/L)	Tetrachloro-ethylene (PCE) (ug/L)	Vinyl chloride (ug/L)	Total (ug/L)
01/25/2010	5892343	8260	ND	ND	ND	ND	ND	ND	5.4	ND	ND	ND	ND	5.4
04/15/2010	5955537	8260	ND	ND	ND	ND	ND	ND	6	ND	ND	ND	1.8 J	7.8
07/19/2010	6036149	8260	ND	ND	ND	ND	ND	ND	4.1 J	ND	ND	ND	ND	4.1
10/18/2010	6115535	8260	ND	ND	ND	ND	ND	ND	3.1 J	ND	ND	ND	ND	3.1
01/24/2011	6190821	8260	ND	ND	ND	ND	ND	ND	3.8 J	ND	ND	ND	ND	3.8
04/20/2011	6264717	8260	ND	ND	ND	ND	ND	ND	7.4	ND	ND	ND	2.9 J	10.3
07/20/2011	6352283	8260	ND	ND	ND	ND	ND	ND	4.9 J	ND	ND	ND	ND	4.9
10/11/2011	6434700	8260	ND	ND	ND	ND	ND	ND	4.4 J	ND	ND	ND	ND	4.4
01/18/2012	6526476	8260	ND	ND	ND	ND	ND	ND	6.2	ND	5.8	ND	ND	12
04/05/2012	6608276	8260	ND	ND	ND	ND	ND	ND	7.9	ND	10	ND	ND	17.9
07/11/2012	6717360	8260	ND	ND	ND	ND	ND	ND	5.8	ND	ND	ND	ND	5.8
10/04/2012	6814365	8260	ND	ND	ND	ND	ND	ND	4.6 J	ND	ND	ND	ND	4.6
01/24/2013	6934226	8260	ND	ND	ND	ND	ND	ND	7.8	ND	ND	ND	ND	7.8
04/02/2013	7007575	8260	ND	ND	ND	ND	ND	ND	6.8	ND	ND	ND	ND	6.8
07/02/2013	7117037	8260	ND	ND	ND	ND	ND	ND	5.7	ND	ND	ND	ND	5.7
11/14/2013	7278189	8260	ND	ND	ND	ND	ND	ND	7.2	ND	ND	ND	2.5 J	9.7
01/17/2014	7341382	8260	ND	ND	ND	ND	ND	ND	6.5	ND	ND	ND	ND	6.5
04/22/2014	7439160	8260	ND	ND	ND	ND	ND	ND	7.9	ND	ND	ND	0.84 J	8.74
07/11/2014	7531032	8260	ND	ND	ND	ND	ND	ND	5.4	ND	ND	ND	ND	5.4
10/03/2014	7625301	8260	ND	ND	ND	ND	ND	ND	4.6	ND	ND	ND	ND	4.6
01/06/2015	7731158	8260	ND	ND	ND	ND	ND	ND	9.8	ND	54	ND	0.70 J	64.5
04/21/2015	7856503	8260	ND	ND	ND	ND	ND	ND	8.2	ND	0.98 J	ND	ND	9.18

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FORMER CARBORUNDUM FACILITY

WHEATFIELD, NEW YORK

Well Id: B-42M

Date	Lab Sample Id	Method	Carbon tetrachloride (ug/L)	Chloroform (ug/L)	1,1-Dichloro-ethane (ug/L)	1,1-Dichloro ethene (ug/L)	Methylene chloride (ug/L)	Trans-1,2-dichloro-ethene (ug/L)	Cis-1,2-dichloro-ethylene (ug/L)	1,1,1-Trichloro-ethane (ug/L)	Trichloro-ethene (TCE) (ug/L)	Tetrachloro-ethylene (PCE) (ug/L)	Vinyl chloride (ug/L)	Total (ug/L)
01/12/2001	A1035114	8021	ND	ND	ND	ND	2.1 J	1.2	51	ND	23	ND	ND	77.3
04/20/2001	A1366404	624	ND	ND	ND	ND	ND	ND	39	ND	380 D	ND	ND	419
07/11/2001	A1648704	8021	ND	ND	0.27 J	ND	ND	1.4	45	ND	14	ND	9.4	70.07
10/17/2001	A1A23307	8021	ND	ND	ND	ND	ND	0.4 J	12	ND	3	ND	ND	15.4
11/12/2001	A1B23801	8021	ND	ND	ND	ND	ND	0.56 J	8	ND	4	ND	ND	12.56
01/24/2002	A2076710	8021	ND	ND	ND	ND	ND	0.5 J	8.2	ND	4.8	ND	0.44 J	13.94
04/18/2002	A2378803	8021	ND	ND	ND	ND	ND	0.43 J	4.2	ND	4.1	ND	ND	8.73
07/16/2002	A2722908	8021	ND	ND	ND	ND	ND	0.6 J	8.2	ND	3.9	ND	ND	12.7
10/11/2002	A2A14401	8021	ND	ND	ND	ND	ND	1.5	16	ND	6	ND	ND	23.5
01/23/2003	A3075204	8021	ND	ND	ND	ND	ND	ND	8.9	ND	12	ND	ND	20.9
04/23/2003	A3376302	8021	ND	ND	ND	ND	ND	1.2	12	ND	6.9	ND	0.67 J	20.77
07/22/2003	A3699405	8021	ND	ND	ND	ND	ND	1	15	ND	5.2	ND	ND	21.2
10/22/2003	A3A28303	8021	ND	ND	ND	ND	ND	2	28	ND	8.2	ND	1.4 J	39.6
01/21/2004	A4053402	8021	ND	ND	ND	ND	ND	ND	11	ND	6.9	ND	ND	17.9
04/28/2004	A4387603	8021	ND	ND	ND	ND	ND	1.1	10	ND	4.9	ND	ND	16
07/09/2004	A4647101	8021	ND	ND	ND	ND	ND	1	8.5	ND	4.3	ND	ND	13.8
10/08/2004	A4994202	8021	ND	ND	ND	ND	ND	ND	6.2	ND	3.5	ND	ND	9.7
01/18/2005	A5051101	8260	ND	ND	ND	ND	ND	0.34 J	2.6	ND	2.6	ND	ND	5.54
04/26/2005	A5414403	8260	ND	ND	ND	ND	ND	0.43 J	5.1	ND	3.6	ND	ND	9.13
07/26/2005	A5791701	8260/5ML	ND	ND	ND	ND	ND	1	8.2	ND	3.9	ND	ND	13.1
10/20/2005	A5B92005	8260	ND	ND	ND	ND	ND	1.5	13	ND	5.9	ND	2.2	22.6
01/24/2006	A6089108	8260	ND	ND	ND	ND	ND	ND	4.1	ND	2.9	ND	ND	7
04/19/2006	6D20002-05	8260	ND	ND	ND	ND	ND	ND	6	ND	4	ND	ND	10
07/18/2006	6G19003-08	8260	ND	ND	ND	ND	5 B	ND	7	ND	3	ND	ND	15
10/11/2006	6J12003-03	8260	ND	ND	ND	ND	ND	1	10	ND	4	ND	ND	15
01/10/2007	7A11003-01	8260	ND	ND	ND	ND	ND	ND	3	ND	2	ND	ND	5
04/16/2007	7D17002-01	8260	ND	ND	ND	ND	ND	ND	5	ND	3	ND	ND	8
07/16/2007	7G17015-02	8260	ND	ND	ND	ND	2	ND	3	ND	2	ND	ND	7
10/09/2007	7J10006-09	8260	ND	ND	ND	ND	ND	ND	4	ND	3	ND	ND	7
01/14/2008	8A15002-02	8260	ND	ND	ND	ND	ND	ND	8	ND	4	ND	ND	12
04/14/2008	8D15002-01	8260	ND	ND	ND	ND	2 B	ND	6	ND	3	ND	ND	11
07/23/2008	5423257	8260	ND	ND	ND	ND	ND	0.81 J	6.8	ND	2.4 J	ND	ND	10.01
10/16/2008	5501561	8260	ND	ND	ND	ND	ND	ND	16	ND	31	ND	ND	47
01/21/2009	5582431	8260	ND	ND	ND	ND	ND	ND	6.8	ND	5 J	ND	ND	11.8
04/15/2009	5647725	8260	ND	ND	ND	ND	ND	1.3 J	11	ND	3.7 J	ND	ND	16
07/07/2009	5718476	8260	ND	ND	ND	ND	ND	0.98 J	7.8	ND	2.7 J	ND	ND	11.48
10/07/2009	5800382	8260	ND	ND	ND	ND	ND	ND	6.8	ND	2.6 J	ND	ND	9.4

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FORMER CARBORUNDUM FACILITY

WHEATFIELD, NEW YORK

Well Id: B-42M

Date	Lab Sample Id	Method	Carbon tetrachloride (ug/L)	Chloroform (ug/L)	1,1-Dichloro-ethane (ug/L)	1,1-Dichloro ethene (ug/L)	Methylene chloride (ug/L)	Trans-1,2-dichloro-ethene (ug/L)	Cis-1,2-dichloro-ethylene (ug/L)	1,1,1-Trichloro-ethane (ug/L)	Trichloro-ethene (TCE) (ug/L)	Tetrachloro-ethylene (PCE) (ug/L)	Vinyl chloride (ug/L)	Total (ug/L)
01/20/2010	5888920	8260	ND	ND	ND	ND	ND	0.81 J	8.3	ND	2.6 J	ND	ND	11.71
04/13/2010	5953085	8260	ND	ND	ND	ND	ND	1.6 J	14	ND	3.7 J	ND	ND	19.3
07/14/2010	6032685	8260	ND	ND	ND	ND	ND	1 J	9.1	ND	2.6 J	ND	ND	12.7
10/14/2010	6113373	8260	ND	ND	ND	ND	ND	ND	6.9	ND	2 J	ND	ND	8.9
01/25/2011	6191892	8260	ND	ND	ND	ND	ND	1.1 J	10	ND	2.7 J	ND	ND	13.8
04/19/2011	6263086	8260	ND	ND	ND	ND	ND	1.2 J	10	ND	3.8 J	ND	ND	15
07/13/2011	6343977	8260	ND	ND	ND	ND	ND	ND	6.9	ND	2.6 J	ND	ND	9.5
10/12/2011	6435897	8260	ND	ND	ND	ND	ND	ND	5.3	ND	1.9 J	ND	ND	7.2
01/18/2012	6526475	8260	ND	ND	ND	ND	ND	ND	5.7	ND	2.1 J	ND	ND	7.8
04/09/2012	6610605	8260	ND	ND	ND	ND	ND	1.7 J	16	ND	13	ND	1.2 J	31.9
07/18/2012	6726433	8260	ND	ND	ND	ND	ND	0.90 J	8.3	ND	3.1 J	ND	ND	12.3
10/02/2012	6810726	8260	ND	ND	ND	ND	ND	0.83 J	6.5	ND	2.3 J	ND	ND	9.63
01/22/2013	6931421	8260	ND	ND	ND	ND	ND	ND	6.3	ND	3.2 J	ND	ND	9.5
04/04/2013	7011181	8260	ND	ND	ND	ND	ND	1.3 J	11	ND	7.7	ND	ND	20
07/08/2013	7120728	8260	ND	ND	ND	ND	ND	ND	4.9 J	ND	3.2 J	ND	ND	8.1
11/12/2013	7275074	8260	ND	ND	ND	ND	ND	ND	2.7 J	ND	1.9 J	ND	ND	4.6
01/16/2014	7340029	8260	ND	ND	ND	ND	ND	ND	2.2 J	ND	1.8 J	ND	ND	4
04/16/2014	7433452	8260	ND	ND	ND	ND	ND	1	7.8	ND	9.3	ND	ND	18.1
07/11/2014	7531036	8260	ND	ND	ND	ND	ND	ND	3.9	ND	2.8	ND	ND	6.7
10/06/2014	7626654	8260	ND	ND	ND	ND	ND	ND	3.0	ND	2.4	ND	ND	5.4
01/07/2015	7732755	8260	ND	1.6	ND	ND	ND	ND	5.8	ND	3.8	ND	ND	11.2
04/20/2015	7856499	8260	ND	ND	ND	ND	ND	0.85 J	7.9	ND	6.9	ND	ND	15.65

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To address the NYSDEC concerns regarding the presentation and plotting of nondetected values, the data for 2001 to 2004 has been reevaluated and interpreted as follows:

1) Nondetected concentrations have been represented as ND 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.

FORMER CARBORUNDUM FACILITY

WHEATFIELD, NEW YORK

Well Id: B-43M

Date	Lab Sample Id	Method	Carbon tetrachloride (ug/L)	Chloroform (ug/L)	1,1-Dichloro-ethane (ug/L)	1,1-Dichloro ethene (ug/L)	Methylene chloride (ug/L)	Trans-1,2-dichloro-ethene (ug/L)	Cis-1,2-dichloro-ethylene (ug/L)	1,1,1-Trichloro-ethane (ug/L)	Trichloro-ethene (TCE) (ug/L)	Tetrachloro-ethylene (PCE) (ug/L)	Vinyl chloride (ug/L)	Total (ug/L)
01/12/2001	A1035113	8021	ND	ND	1.4	ND	ND	ND	34	ND	4.5	ND	2.7	42.6
04/20/2001	A1366405	624	ND	ND	ND	ND	ND	ND	4.6	ND	2.9	ND	ND	7.5
07/11/2001	A1648701	8021	ND	ND	0.35 J	ND	ND	ND	2.1	ND	0.83 J	ND	0.3 J	3.58
11/12/2001	A1B23802	8021	ND	ND	ND	ND	ND	ND	14	ND	6.4	ND	0.37 J	20.77
01/21/2002	A2066007	8021	ND	ND	ND	ND	ND	0.61 J	13	ND	6.1	ND	ND	19.71
04/11/2002	A2348302	8021	ND	ND	ND	ND	ND	0.61 J	11	ND	6.3	ND	ND	17.91
07/11/2002	A2708317	8021	ND	ND	ND	ND	ND	ND	10	ND	5.4	ND	ND	15.4
10/08/2002	A2999303	8021	ND	ND	ND	ND	ND	0.38 J	6	ND	4.3	ND	0.29 J	10.97
01/16/2003	A3055804	8021	ND	ND	0.29 J	ND	ND	0.4 J	6.3	ND	3.4	ND	1.2 J	11.59
04/29/2003	A3398701	8021	ND	ND	ND	ND	ND	ND	3.8	ND	2.4	ND	0.34 J	6.54
07/17/2003	A3683706	8021	ND	ND	ND	ND	ND	ND	2.1	ND	1.1 J	ND	ND	3.2
10/16/2003	A3A09002	8021	ND	ND	ND	ND	ND	ND	3.7	ND	8.1	ND	ND	11.8
01/20/2004	A4053201	8021	ND	ND	ND	ND	ND	ND	10	ND	8.9	ND	ND	18.9
04/28/2004	A4387602	8021	ND	ND	ND	ND	ND	ND	2	ND	1.4	ND	ND	3.4
07/09/2004	A4647301	8021	ND	ND	ND	ND	ND	ND	4.3	ND	8.2	ND	ND	12.5
10/07/2004	A4994505	8021	ND	ND	ND	ND	ND	ND	7.4	ND	36	ND	ND	43.4
01/18/2005	A5051001	8260	ND	ND	ND	ND	ND	0.82 J	8.9	ND	5.5	ND	1.5 J	16.72
04/21/2005	A5402202	8260	ND	ND	ND	ND	ND	0.83 J	10	ND	40 E	ND	ND	50.83
04/21/2005	A5402202DL	8260	ND	ND	ND	ND	ND	0.69 DJ	8.6 D	ND	34 D	ND	ND	43.29
07/26/2005	A5791702	8260/5ML	ND	ND	ND	ND	ND	1.6	17	ND	79	ND	ND	97.6
10/20/2005	A5B91801	8260	ND	ND	ND	ND	ND	0.64 J	6	ND	6.8	ND	1.3 J	14.74
01/26/2006	A6102402	8260	ND	ND	ND	ND	ND	0.74 J	12	ND	4.6	ND	3.8	21.14
04/20/2006	6D21003-01	8260	ND	ND	ND	ND	ND	ND	12	ND	3	ND	3	18
07/18/2006	6G19003-07	8260	ND	ND	ND	ND	4 B	ND	8	ND	4	ND	ND	16
10/11/2006	6J12003-02	8260	ND	ND	ND	ND	ND	1	12	ND	36	ND	ND	49
01/10/2007	7A11003-02	8260	ND	ND	ND	ND	ND	ND	12	ND	5	ND	4	21
04/16/2007	7D17002-02	8260	ND	ND	ND	ND	ND	ND	9	ND	2	ND	ND	11
07/16/2007	7G17015-03	8260	ND	ND	ND	ND	ND	ND	9	ND	2	ND	3	14
10/10/2007	7J11002-07	8260	ND	ND	ND	ND	ND	ND	8	ND	3	ND	2	13
01/14/2008	8A15002-03	8260	ND	ND	ND	ND	ND	ND	9	ND	2	ND	2	13
04/14/2008	8D15002-02	8260	ND	ND	ND	ND	3 B	ND	5	ND	ND	ND	ND	8
07/23/2008	5423258	8260	ND	ND	ND	ND	ND	ND	8.5	ND	2.3 J	ND	2.6 J	13.4
10/16/2008	5501560	8260	ND	ND	ND	ND	ND	ND	10	ND	2.8 J	ND	3.1 J	15.9
01/15/2009	5578617	8260	ND	ND	ND	ND	ND	ND	9.1	ND	5.3	ND	2.5 J	16.9
04/15/2009	5647721	8260	ND	ND	ND	ND	ND	ND	7.2	ND	ND	ND	2.2 J	9.4
07/07/2009	5718475	8260	ND	ND	ND	ND	ND	ND	8.4	ND	2 J	ND	2.6 J	13
10/07/2009	5800384	8260	ND	ND	ND	ND	ND	ND	7.7	ND	2.7 J	ND	2.1 J	12.5

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FORMER CARBORUNDUM FACILITY

WHEATFIELD, NEW YORK

Well Id: B-43M

Date	Lab Sample Id	Method	Carbon tetrachloride (ug/L)	Chloroform (ug/L)	1,1-Dichloro-ethane (ug/L)	1,1-Dichloro ethene (ug/L)	Methylene chloride (ug/L)	Trans-1,2-dichloro-ethene (ug/L)	Cis-1,2-dichloro-ethylene (ug/L)	1,1,1-Trichloro-ethane (ug/L)	Trichloro-ethene (TCE) (ug/L)	Tetrachloro-ethylene (PCE) (ug/L)	Vinyl chloride (ug/L)	Total (ug/L)
01/20/2010	5888917	8260	ND	ND	ND	ND	ND	ND	6	ND	1.7 J	ND	1.5 J	9.2
04/13/2010	5953084	8260	ND	ND	ND	ND	ND	ND	5.9	ND	2.6 J	ND	ND	8.5
07/14/2010	6032683	8260	ND	ND	ND	ND	ND	ND	9.9	ND	2.8 J	ND	3 J	15.7
10/12/2010	6109758	8260	ND	ND	ND	ND	ND	ND	9.4	ND	3.3 J	ND	2.6 J	15.3
01/25/2011	6191891	8260	ND	ND	ND	ND	ND	ND	9.8	ND	3.1 J	ND	2.7 J	15.6
04/19/2011	6263085	8260	ND	ND	ND	ND	ND	ND	3.1 J	ND	ND	ND	ND	3.1
07/13/2011	6343976	8260	ND	ND	ND	ND	ND	ND	11	ND	3.8 J	ND	5.1	19.9
10/12/2011	6435898	8260	ND	ND	ND	ND	ND	ND	11	ND	3.4 J	ND	2.3 J	16.7
01/16/2012	6523836	8260	ND	ND	ND	ND	ND	ND	10	ND	3.3 J	ND	4.0 J	17.3
04/09/2012	6610604	8260	ND	ND	ND	ND	ND	ND	15	ND	27	ND	ND	42
07/18/2012	6726434	8260	ND	ND	ND	ND	ND	ND	11	ND	3.0 J	ND	4.3 J	18.3
10/02/2012	6810725	8260	ND	ND	ND	ND	ND	ND	11	ND	3.4 J	ND	2.9 J	17.3
01/22/2013	6931417	8260	ND	ND	ND	ND	ND	ND	5.9	ND	1.6 J	ND	3.1 J	10.6
04/04/2013	7011178	8260	ND	ND	ND	ND	ND	ND	9.5	ND	15	ND	ND	24.5
07/08/2013	7120729	8260	ND	ND	ND	ND	ND	ND	5.0	ND	2.4 J	ND	1.5 J	8.9
11/12/2013	7275073	8260	ND	ND	ND	ND	ND	ND	6.8	ND	1.4 J	ND	5.3	13.5
01/16/2014	7340031	8260	ND	ND	ND	ND	ND	ND	7.2	ND	1.2 J	ND	3.3 J	11.7
04/16/2014	7433451	8260	ND	ND	ND	ND	ND	ND	5.2	ND	13	ND	1.5	19.7
07/11/2014	7531035	8260	ND	ND	ND	ND	ND	ND	7.4	ND	1	ND	3.8	12.2
10/06/2014	7626657	8260	ND	ND	ND	ND	ND	ND	6.8	ND	ND	ND	3.5	10.3
01/07/2015	7732754	8260	ND	ND	ND	ND	ND	ND	5.9	ND	0.69 J	ND	4.2	10.79
04/20/2015	7856498	8260	ND	ND	ND	ND	ND	ND	7	ND	11	ND	ND	18

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FORMER CARBORUNDUM FACILITY — WHEATFIELD, NEW YORK

Well Id: B-44M

Date	Lab Sample Id	Method	Carbon tetrachloride (ug/L)	Chloroform (ug/L)	1,1-Dichloro-ethane (ug/L)	1,1-Dichloro ethene (ug/L)	Methylene chloride (ug/L)	Trans-1,2-dichloro-ethene (ug/L)	Cis-1,2-dichloro-ethylene (ug/L)	1,1,1-Trichloro-ethane (ug/L)	Trichloro-ethene (TCE) (ug/L)	Tetrachloro-ethylene (PCE) (ug/L)	Vinyl chloride (ug/L)	Total (ug/L)
01/13/2001	A1041307	8021	ND	ND	7.6	1.2	ND	1.1	38	1.9	8	ND	15	72.8
04/25/2001	A1382101	8021	ND	ND	6	ND	ND	0.25 J	33	0.4 J	4.3	ND	7.7	51.65
07/11/2001	A1648703	8021	ND	ND	4.5	ND	ND	ND	23	ND	3	ND	2.4	32.9
11/12/2001	A1B23803	8021	ND	ND	6.1	ND	ND	ND	33	ND	27	ND	4.5	70.6
01/22/2002	A2066013	8021	ND	ND	ND	ND	14	ND	22	ND	ND	ND	ND	36
04/12/2002	A2351802	8021	ND	ND	7.6	ND	ND	ND	33	ND	5.9	ND	5.6	52.1
07/15/2002	A2723103	8021	ND	ND	7.8	ND	ND	ND	28	ND	5.5	ND	4.4	45.7
10/09/2002	A2A07501	8021	ND	ND	9.2	ND	ND	ND	49	0.76 J	10	ND	15	83.96
01/21/2003	A3069001	8021	ND	0.54 J	7.4	ND	ND	ND	25	ND	5.5	ND	4.9	43.34
04/29/2003	A3398702	8021	ND	ND	11	ND	ND	ND	44	0.79 J	10	ND	27	92.79
07/17/2003	A3683704	8021	ND	ND	8.3	ND	ND	ND	36	0.45 J	4.8	ND	13	62.55
10/17/2003	A3A09003	8021	ND	ND	8.4	ND	ND	ND	26	ND	1.6	ND	20	56
01/20/2004	A4053203	8021	ND	ND	9.1	ND	ND	ND	15	ND	1.9	ND	9.7	35.7
04/28/2004	A4387601	8021	ND	ND	8.5	ND	ND	ND	27	ND	3.2	ND	23	61.7
07/09/2004	A4647302	8021	ND	ND	8	ND	ND	ND	15	ND	1.6	ND	19	43.6
10/07/2004	A4994504	8021	ND	ND	6.3	ND	ND	ND	5	ND	2.4	ND	5.6	19.3
01/18/2005	A5051002	8260	ND	ND	8.1	ND	ND	0.34 J	9.1	0.25 J	2.4	ND	4.9	25.09
04/21/2005	A5402201	8260	ND	ND	7.3	ND	ND	0.47 J	21	0.49 J	5.8	ND	15	50.06
07/22/2005	A5778502	8260/5ML	ND	ND	5.9	ND	ND	ND	14	ND	3.6	ND	5.5	29
10/21/2005	A5B92604	8260	ND	ND	8.7	ND	ND	ND	9.1	ND	3.7	ND	6.6	28.1
01/26/2006	A6102403	8260	ND	ND	9.1	ND	ND	0.63 J	16	0.65 J	8.1	ND	16	50.48
04/20/2006	6D21003-02	8260	ND	ND	7	ND	ND	ND	7	ND	2	ND	8	24
07/18/2006	6G19003-06	8260	ND	ND	7	ND	11 B	ND	8	ND	3	ND	5	34
10/11/2006	6J12003-04	8260	ND	ND	8	ND	ND	ND	12	ND	6	ND	9	35
01/10/2007	7A11003-03	8260	ND	ND	6	ND	ND	ND	5	ND	10	ND	6	27
04/17/2007	7D18003-04	8260	ND	ND	5	ND	ND	ND	1	ND	ND	ND	3	9
07/16/2007	7G17015-04	8260	ND	ND	7	ND	ND	ND	8	ND	5	ND	7	27
10/10/2007	7J11002-08	8260	ND	ND	6	ND	ND	ND	7	ND	4	ND	4	21
01/14/2008	8A15002-04	8260	ND	ND	7	ND	ND	ND	9	ND	5	ND	6	27
04/15/2008	8D16011-01	8260	ND	ND	5	ND	4 B	ND	4	ND	2	ND	4	19
07/28/2008	5426819	8260	ND	ND	7.7	ND	ND	ND	8.1	ND	5.2	ND	7.2	28.2
10/16/2008	5501564	8260	ND	ND	9.6	ND	ND	ND	11	ND	6.7	ND	7.5	34.8
01/15/2009	5578616	8260	ND	ND	8.3	ND	ND	ND	8.9	ND	7.4	ND	6.3	30.9
04/15/2009	5647726	8260	ND	ND	7	ND	ND	ND	5.8	ND	4.4 J	ND	5 J	22.2
07/07/2009	5718477	8260	ND	ND	8.6	ND	ND	ND	9.5	ND	5.7	ND	6.9	30.7
10/07/2009	5800386	8260	ND	ND	9	ND	ND	ND	9.3	ND	5.7	ND	9.1	33.1
01/20/2010	5888916	8260	ND	ND	10	ND	ND	ND	11	ND	6.8	ND	7.3	35.1

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FORMER CARBORUNDUM FACILITY

WHEATFIELD, NEW YORK

Well Id: B-44M

Date	Lab Sample Id	Method	Carbon tetrachloride (ug/L)	Chloroform (ug/L)	1,1-Dichloro-ethane (ug/L)	1,1-Dichloro ethene (ug/L)	Methylene chloride (ug/L)	Trans-1,2-dichloro-ethene (ug/L)	Cis-1,2-dichloro-ethylene (ug/L)	1,1,1-Trichloro-ethane (ug/L)	Trichloro-ethene (TCE) (ug/L)	Tetrachloro-ethylene (PCE) (ug/L)	Vinyl chloride (ug/L)	Total (ug/L)
04/12/2010	5951991	8260	ND	ND	7	ND	ND	ND	5.7	ND	3.4 J	ND	6	22.1
07/14/2010	6032684	8260	ND	ND	9.3	ND	ND	ND	10	ND	5.6	ND	6.9	31.8
10/12/2010	6109757	8260	ND	ND	11	ND	ND	ND	11	ND	6.3	ND	7.9	36.2
01/25/2011	6191893	8260	ND	ND	8.8	ND	ND	ND	10	ND	5.5	ND	7.1	31.4
04/19/2011	6263084	8260	ND	ND	6.7	ND	ND	ND	2.8 J	ND	1.5 J	ND	4.3 J	15.3
07/13/2011	6343973	8260	ND	ND	11	ND	ND	ND	12	ND	5.9	ND	7.1	36
10/12/2011	6435904	8260	ND	ND	9.9	ND	ND	0.82 J	12	ND	6.1	ND	6.6	35.42
01/16/2012	6523835	8260	ND	ND	8.6	ND	ND	ND	11	ND	5.5	ND	5.7	30.8
04/09/2012	6610603	8260	ND	ND	7.2	ND	ND	ND	53	ND	68	ND	6.5	134.7
07/18/2012	6726432	8260	ND	ND	8.7	ND	ND	ND	6.5	ND	3.2 J	ND	3.7 J	22.1
10/02/2012	6810731	8260	ND	ND	9.3	ND	ND	ND	13	ND	5.2	ND	7.4	34.9
01/24/2013	6934234	8260	ND	ND	8.4	ND	ND	ND	11	ND	4.8 J	ND	4.8 J	29
04/04/2013	7011177	8260	ND	ND	6.6	ND	ND	ND	26	ND	46	ND	4.7 J	83.3
07/08/2013	7120733	8260	ND	ND	7.7	ND	ND	ND	10	ND	4.5 J	ND	5.1	27.3
11/12/2013	7275072	8260	ND	ND	9.3	ND	ND	ND	11	ND	4.6 J	ND	6.8	31.7
01/16/2014	7340030	8260	ND	ND	6.8	ND	ND	ND	11	ND	3.8 J	ND	4.4 J	26
04/16/2014	7433450	8260	ND	ND	6.3	ND	ND	0.6 J	20	ND	53	ND	2.7	82.6
07/11/2014	7531039	8260	ND	ND	6.9	ND	ND	0.57 J	10	ND	4.1	ND	3.8	25.37
10/06/2014	7626652	8260	ND	ND	7.6	ND	ND	0.59 J	10	ND	4.0	ND	4.3	26.49
01/07/2015	7732753	8260	ND	ND	7.3	ND	ND	0.57 J	9.4	ND	3.8	ND	ND	21.07
04/20/2015	7856497	8260	ND	ND	7.9	ND	ND	0.68 J	26	ND	36	ND	2.8	73.38

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FORMER CARBORUNDUM FACILITY

WHEATFIELD, NEW YORK

Well Id: B-45M

Date	Lab Sample Id	Method	Carbon tetrachloride (ug/L)	Chloroform (ug/L)	1,1-Dichloro-ethane (ug/L)	1,1-Dichloro ethene (ug/L)	Methylene chloride (ug/L)	Trans-1,2-dichloro-ethene (ug/L)	Cis-1,2-dichloro-ethylene (ug/L)	1,1,1-Trichloro-ethane (ug/L)	Trichloro-ethene (TCE) (ug/L)	Tetrachloro-ethylene (PCE) (ug/L)	Vinyl chloride (ug/L)	Total (ug/L)
01/18/2001	A1052404	8021	ND	1	ND	ND	ND	ND	ND	ND	ND	ND	ND	1
04/18/2001	A1361301	624	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
07/18/2001	A1682901	8021	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
10/12/2001	A1A01003	8021	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
01/15/2002	A2039404	8021	ND	ND	ND	ND	ND	0.72 J	7.3	ND	0.66 J	ND	0.24 J	8.92
04/08/2002	A2332604	8260	ND	ND	ND	ND	ND	ND	1.1	ND	ND	ND	ND	1.1
07/08/2002	A2695504	8021	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
10/03/2002	A2980606	8021	ND	ND	ND	ND	ND	ND	0.21 J	ND	0.67 J	ND	ND	0.88
01/13/2003	A3038007	8021	ND	ND	ND	ND	ND	ND	1.6	ND	0.67 J	ND	ND	2.27
04/08/2003	A3329702	8021	ND	ND	ND	ND	ND	ND	1.2	ND	ND	ND	ND	1.2
07/03/2003	A3639718	8021	ND	ND	ND	ND	ND	ND	8.8	ND	66 E	ND	ND	74.8
07/03/2003	A3639718RE	8021	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
10/10/2003	A3983802	8021	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
01/08/2004	A4026307	8021	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
04/13/2004	A4331507	8021	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
06/30/2004	A4619404	8021	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
10/22/2004	A4A47804	8021	ND	ND	ND	ND	ND	ND	1.3	ND	ND	ND	ND	1.3
01/13/2005	A5036406	8260	ND	ND	ND	ND	ND	ND	0.86 J	ND	0.7 J	ND	ND	1.56
04/05/2005	A5317608	8260	ND	ND	ND	ND	ND	ND	0.35 J	ND	ND	ND	ND	0.35
07/12/2005	A5733103	8260/5ML	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
07/20/2006	6G21005-02	8260	ND	ND	ND	ND	3	ND	ND	ND	ND	ND	ND	3
07/10/2007	7G11015-10	8260	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
07/25/2008	5426026	8260	ND	ND	ND	ND	ND	ND	ND	ND	1.3 J	ND	ND	1.3
07/14/2009	5723627	8260	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
07/13/2010	6031613	8260	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
07/19/2011	6350146	8260	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
07/12/2012	6719393	8260	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
07/15/2013	7128196	8260	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
07/14/2014	7532398	8260	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND

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To address the NYSDEC concerns regarding the presentation and plotting of nondetected 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.
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FORMER CARBORUNDUM FACILITY

WHEATFIELD, NEW YORK

Well Id: B-46M

Date	Lab Sample Id	Method	Carbon tetrachloride (ug/L)	Chloroform (ug/L)	1,1-Dichloro-ethane (ug/L)	1,1-Dichloro ethene (ug/L)	Methylene chloride (ug/L)	Trans-1,2-dichloro-ethene (ug/L)	Cis-1,2-dichloro-ethylene (ug/L)	1,1,1-Trichloro-ethane (ug/L)	Trichloro-ethene (TCE) (ug/L)	Tetrachloro-ethylene (PCE) (ug/L)	Vinyl chloride (ug/L)	Total (ug/L)
01/17/2001	A1052405	8021	ND	0.62 J	ND	ND	1.4 J	2.3	54	ND	2.8	ND	3.2	64.32
04/18/2001	A1361304	624	ND	ND	ND	ND	ND	ND	5.8	ND	0.26	ND	ND	6.06
07/18/2001	A1682905	8021	ND	ND	ND	ND	ND	0.32 J	29	ND	1.7	ND	0.61 J	31.63
10/12/2001	A1A01004	8021	ND	ND	ND	ND	ND	0.46 J	41	ND	1.1 J	ND	2.3	44.86
01/15/2002	A2039405	8021	ND	ND	ND	ND	ND	0.46 J	31	ND	1.3	ND	1.7 J	34.46
04/09/2002	A2332611	8260	ND	ND	0.28 J	0.23 J	ND	0.88 J	62 D	ND	2.7	ND	1.8	67.89
07/09/2002	A2695508	8021	ND	ND	ND	ND	ND	ND	52	ND	ND	ND	ND	52
10/03/2002	A2980608	8021	ND	ND	ND	ND	ND	ND	120	ND	6.6	ND	3.3	129.9
01/14/2003	A3043003	8021	ND	ND	ND	ND	ND	1.1	58	ND	3.4	ND	2.9	65.4
04/08/2003	A3329705	8021	ND	ND	ND	ND	ND	ND	12	ND	0.44 J	ND	0.52 J	12.96
07/02/2003	A3639701	8021	ND	ND	ND	ND	ND	ND	36	ND	ND	ND	1.4 J	37.4
10/09/2003	A3978812	8021	ND	ND	ND	ND	ND	ND	150	ND	5.1	ND	3.8	158.9
01/08/2004	A4026306	8021	ND	ND	ND	ND	ND	ND	23	ND	1.5	ND	1.1 J	25.6
04/13/2004	A4331506	8021	ND	ND	ND	ND	ND	ND	82	ND	6.9	ND	2.5	91.4
06/30/2004	A4619405	8021	ND	ND	1.3	ND	ND	2.6	120	ND	8.7	ND	6.4	139
10/22/2004	A4A47805	8021	ND	ND	0.67 J	ND	ND	1.7	130 D	ND	9.2	ND	4.1	147.37
01/13/2005	A5036407	8260	ND	ND	ND	ND	ND	1.8	100	ND	11	ND	5.4	118.2
04/05/2005	A5317609	8260	ND	ND	ND	ND	ND	ND	1.8	ND	ND	ND	ND	1.8
07/12/2005	A5733104	8260/5ML	ND	ND	0.57 J	ND	ND	1.6	82	ND	8.2	ND	5.6	97.97
07/20/2006	6G21005-01	8260	ND	ND	ND	ND	3	1	59	ND	7	ND	4	74
07/10/2007	7G11015-11RE1	8260	ND	ND	ND	ND	ND	ND	33	ND	5	ND	2	40
07/25/2008	5426034	8260	ND	ND	ND	ND	ND	ND	18	ND	1.2 J	ND	2.7 J	21.9
07/14/2009	5723629	8260	ND	ND	ND	ND	ND	ND	28	ND	4.3 J	ND	3.2 J	35.5
07/13/2010	6031617	8260	ND	ND	ND	ND	ND	ND	29	ND	7.7	ND	2.7 J	39.4
07/19/2011	6350138	8260	ND	ND	ND	ND	ND	ND	38	ND	8.9	ND	3 J	49.9
07/12/2012	6719403	8260	ND	ND	ND	ND	ND	ND	46	ND	10	ND	3.3 J	59.3
07/15/2013	7128197	8260	ND	ND	ND	ND	ND	ND	49	ND	10	ND	2.5 J	61.5
07/14/2014	7532399	8260	ND	ND	ND	ND	ND	0.51 J	32	ND	5.1	ND	1.9	39.51

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FORMER CARBORUNDUM FACILITY

WHEATFIELD, NEW YORK

Well Id: B-48M

Date	Lab Sample Id	Method	Carbon tetrachloride (ug/L)	Chloroform (ug/L)	1,1-Dichloro-ethane (ug/L)	1,1-Dichloro ethene (ug/L)	Methylene chloride (ug/L)	Trans-1,2-dichloro-ethene (ug/L)	Cis-1,2-dichloro-ethylene (ug/L)	1,1,1-Trichloro-ethane (ug/L)	Trichloro-ethene (TCE) (ug/L)	Tetrachloro-ethylene (PCE) (ug/L)	Vinyl chloride (ug/L)	Total (ug/L)
01/15/2001	A1041306	8021	ND	ND	ND	ND	ND	5.8	77	ND	31	ND	18	131.8
04/25/2001	A1382104	8021	ND	ND	ND	ND	ND	ND	10	ND	37	ND	ND	47
07/11/2001	A1648712	8021	ND	0.84 J	ND	ND	1.2 J	2.6	90	ND	9.6	ND	25	129.24
10/17/2001	A1A23302	8021	ND	ND	ND	ND	3.1	ND	13	ND	170	ND	ND	186.1
01/24/2002	A2076709	8021	ND	ND	ND	ND	ND	0.63 J	9.7	ND	15	ND	ND	25.33
04/15/2002	A2370204	8021	ND	ND	ND	ND	ND	0.46 J	7.8	ND	22	ND	ND	30.26
07/16/2002	A2722917	8021	ND	ND	ND	ND	ND	0.53 J	8.2	ND	25	ND	ND	33.73
10/09/2002	A2A07505	8021	ND	ND	ND	ND	ND	ND	8.2	ND	17	ND	ND	25.2
01/23/2003	A3075203	8021	ND	ND	ND	ND	ND	ND	7.9	ND	15	ND	ND	22.9
04/28/2003	A3399701	8021	ND	ND	ND	ND	ND	1	16	ND	20	ND	0.55 J	37.55
07/18/2003	A3689002	8021	ND	ND	ND	ND	ND	0.67 J	12	ND	13	ND	ND	25.67
10/22/2003	A3A28304	8021	ND	ND	ND	ND	ND	ND	10	ND	13	ND	ND	23
01/22/2004	A4057103	8021	ND	ND	ND	ND	ND	ND	3	ND	6.5	ND	ND	9.5
04/27/2004	A4387502	8021	ND	ND	ND	ND	ND	ND	3.2	ND	8.5	ND	ND	11.7
07/13/2004	A4663802	8021	ND	ND	ND	ND	ND	ND	2.6	ND	6.7	ND	ND	9.3
10/13/2004	A4A09401	8021	ND	ND	ND	ND	ND	ND	4.1	ND	6.6	ND	ND	10.7
01/12/2005	A5036102	8260	ND	ND	ND	ND	ND	ND	1.4	ND	5	ND	ND	6.4
04/21/2005	A5402002	8260	ND	ND	ND	ND	ND	ND	1	ND	4.6	ND	ND	5.6
07/21/2005	A5768402	8260/5ML	ND	ND	ND	ND	ND	ND	1.6	ND	5.6	ND	ND	7.2
10/20/2005	A5B92002	8260	ND	ND	ND	ND	ND	ND	2.3	ND	6.1	ND	ND	8.4
01/24/2006	A6089114	8260	ND	ND	ND	ND	ND	ND	0.79 J	ND	2.2	ND	ND	2.99
04/18/2006	6D19002-01	8260	ND	ND	ND	ND	2	ND	ND	ND	3	ND	ND	5
07/21/2006	6G21018-01	8260	ND	ND	ND	ND	ND	ND	2	ND	4	ND	ND	6
10/12/2006	6J16007-03RE1	8260	ND	ND	ND	ND	ND	ND	ND	ND	2	ND	ND	2
01/05/2007	7A05012-01	8260	ND	ND	ND	ND	ND	ND	ND	ND	2	ND	ND	2
04/11/2007	7D12002-01	8260	ND	ND	ND	ND	ND	ND	ND	ND	3	ND	ND	3
07/12/2007	7G13019-06	8260	ND	ND	ND	ND	ND	ND	ND	ND	2	ND	ND	2
10/11/2007	7J12012-07	8260	ND	ND	ND	ND	ND	ND	ND	ND	1	ND	ND	1
01/08/2008	8A09005-02	8260	ND	ND	ND	ND	ND	ND	ND	ND	1	ND	ND	1
04/10/2008	8D11008-04	8260	ND	ND	ND	ND	ND	ND	ND	ND	3	ND	ND	3
07/24/2008	5424628	8260	ND	ND	ND	ND	ND	ND	0.95 J	ND	2.9 J	ND	ND	3.85
10/15/2008	5499971	8260	ND	ND	ND	ND	ND	ND	1.4 J	ND	2.9 J	ND	ND	4.3
01/14/2009	5577591	8260	ND	ND	ND	ND	ND	ND	1.3 J	ND	2.7 J	ND	ND	4
04/14/2009	5646767	8260	ND	ND	ND	ND	ND	ND	1 J	ND	2.9 J	ND	ND	3.9
07/09/2009	5720681	8260	ND	ND	ND	ND	ND	ND	1.1 J	ND	2.4 J	ND	ND	3.5
10/05/2009	5797960	8260	ND	ND	ND	ND	ND	ND	0.91 J	ND	2.3 J	ND	ND	3.21
01/21/2010	5889955	8260	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND

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FORMER CARBORUNDUM FACILITY

WHEATFIELD, NEW YORK

Well Id: B-48M

Date	Lab Sample Id	Method	Carbon tetrachloride (ug/L)	Chloroform (ug/L)	1,1-Dichloro-ethane (ug/L)	1,1-Dichloro ethene (ug/L)	Methylene chloride (ug/L)	Trans-1,2-dichloro-ethene (ug/L)	Cis-1,2-dichloro-ethylene (ug/L)	1,1,1-Trichloro-ethane (ug/L)	Trichloro-ethene (TCE) (ug/L)	Tetrachloro-ethylene (PCE) (ug/L)	Vinyl chloride (ug/L)	Total (ug/L)
04/14/2010	5954142	8260	ND	ND	ND	ND	ND	ND	ND	ND	1.7 J	ND	ND	1.7
07/14/2010	6032690	8260	ND	ND	ND	ND	ND	ND	ND	ND	1.7 J	ND	ND	1.7
10/14/2010	6113374	8260	ND	ND	ND	ND	ND	ND	ND	ND	1.5 J	ND	ND	1.5
01/25/2011	6191898	8260	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
04/18/2011	6261654	8260	ND	ND	ND	ND	ND	ND	ND	ND	1.5 J	ND	ND	1.5
07/20/2011	6352284	8260	ND	ND	ND	ND	ND	ND	ND	ND	1.2 J	ND	ND	1.2
10/11/2011	6434705	8260	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
01/18/2012	6526474	8260	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
04/10/2012	6612012	8260	ND	ND	ND	ND	ND	ND	ND	ND	2.1 J	ND	ND	2.1
07/18/2012	6726438	8260	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
10/02/2012	6810735	8260	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
01/22/2013	6931411	8260	ND	ND	ND	ND	ND	ND	ND	ND	1.0 J	ND	ND	1
04/03/2013	7010222	8260	ND	ND	ND	ND	ND	ND	ND	ND	1.8 J	ND	ND	1.8
07/09/2013	7122577	8260	ND	ND	ND	ND	ND	ND	ND	ND	1.2 J	ND	ND	1.2
11/13/2013	7276543	8260	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
01/16/2014	7340028	8260	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
04/23/2014	7440681	8260	ND	ND	ND	ND	ND	ND	ND	ND	3.3	ND	ND	3.3
07/08/2014	7526292	8260	ND	ND	ND	ND	ND	ND	ND	ND	0.86 J	ND	ND	0.86
10/03/2014	7625311	8260	ND	ND	ND	ND	ND	ND	ND	ND	0.76 J	ND	ND	0.76
01/07/2015	7732750	8260	ND	ND	ND	ND	ND	ND	ND	ND	1.2	ND	ND	1.2
04/16/2015	7850968	8260	ND	ND	ND	ND	ND	ND	ND	ND	1.2	ND	ND	1.2

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FORMER CARBORUNDUM FACILITY

WHEATFIELD, NEW YORK

Well Id: B-49M

Date	Lab Sample Id	Method	Carbon tetrachloride (ug/L)	Chloroform (ug/L)	1,1-Dichloro-ethane (ug/L)	1,1-Dichloro ethene (ug/L)	Methylene chloride (ug/L)	Trans-1,2-dichloro-ethene (ug/L)	Cis-1,2-dichloro-ethylene (ug/L)	1,1,1-Trichloro-ethane (ug/L)	Trichloro-ethene (TCE) (ug/L)	Tetrachloro-ethylene (PCE) (ug/L)	Vinyl chloride (ug/L)	Total (ug/L)
01/15/2001	A1041305	8021	ND	ND	ND	ND	ND	ND	2.2	ND	0.55 J	ND	ND	2.75
04/25/2001	A1382103	8021	ND	ND	ND	ND	ND	ND	0.72 J	ND	2.3	ND	ND	3.02
07/11/2001	A1648717	8021	ND	ND	ND	ND	ND	ND	0.74 J	ND	1.8	ND	ND	2.54
10/17/2001	A1A23301	8021	ND	ND	ND	ND	ND	ND	2.2	ND	120	ND	ND	122.2
01/24/2002	A2076706	8021	ND	ND	ND	ND	3.2	ND	ND	ND	ND	ND	ND	3.2
04/15/2002	A2370201	8021	ND	ND	ND	ND	ND	ND	ND	ND	0.45 J	ND	ND	0.45
07/15/2002	A2722904	8021	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
10/09/2002	A2A07504	8021	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
01/22/2003	A3068903	8021	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
04/23/2003	A3376303	8021	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
07/18/2003	A3689001	8021	ND	ND	ND	ND	ND	ND	ND	ND	0.31 J	ND	ND	0.31
10/22/2003	A3A21904	8021	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
01/22/2004	A4057102	8021	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
04/27/2004	A4387503	8021	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
07/13/2004	A4663803	8021	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
10/13/2004	A4A09402	8021	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
01/12/2005	A5036103	8260	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
04/21/2005	A5402003	8260	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
07/21/2005	A5768403	8260/5ML	ND	ND	ND	ND	ND	ND	0.51 J	ND	2.6	ND	ND	3.11
10/20/2005	A5B92003	8260	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
01/24/2006	A6089115	8260	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
04/18/2006	6D19002-02	8260	ND	ND	ND	ND	2	ND	ND	ND	ND	ND	ND	2
07/21/2006	6G21018-02	8260	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
10/12/2006	6J16007-04	8260	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
01/05/2007	7A05012-02	8260	ND	ND	ND	ND	5 B	ND	ND	ND	ND	ND	ND	5
04/11/2007	7D12002-02	8260	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
07/12/2007	7G13019-09	8260	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
10/11/2007	7J12012-08	8260	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
01/08/2008	8A09005-03	8260	ND	ND	ND	ND	ND	ND	ND	ND	1	ND	ND	1
04/10/2008	8D11008-05	8260	ND	ND	ND	ND	2	ND	ND	ND	ND	ND	ND	2
07/16/2008	5417445	8260	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
10/15/2008	5499972	8260	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
01/14/2009	5577588	8260	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
04/14/2009	5646768	8260	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
07/09/2009	5720679	8260	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
10/05/2009	5797959	8260	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
01/21/2010	5889957	8260	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND

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FORMER CARBORUNDUM FACILITY

WHEATFIELD, NEW YORK

Well Id: B-49M

Date	Lab Sample Id	Method	Carbon tetrachloride (ug/L)	Chloroform (ug/L)	1,1-Dichloro-ethane (ug/L)	1,1-Dichloro ethene (ug/L)	Methylene chloride (ug/L)	Trans-1,2-dichloro-ethene (ug/L)	Cis-1,2-dichloro-ethylene (ug/L)	1,1,1-Trichloro-ethane (ug/L)	Trichloro-ethene (TCE) (ug/L)	Tetrachloro-ethylene (PCE) (ug/L)	Vinyl chloride (ug/L)	Total (ug/L)
04/14/2010	5954141	8260	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
07/14/2010	6032691	8260	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
10/14/2010	6113375	8260	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
01/25/2011	6191901	8260	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
04/18/2011	6261655	8260	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
07/20/2011	6352287	8260	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
10/11/2011	6434706	8260	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
01/17/2012	6524428	8260	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
04/11/2012	6613965	8260	ND	ND	ND	ND	ND	ND	ND	ND	1.8 J	ND	ND	1.8
07/18/2012	6726440	8260	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
10/02/2012	6810736	8260	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
01/22/2013	6931412	8260	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
04/03/2013	7010223	8260	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
07/09/2013	7122574	8260	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
11/13/2013	7276542	8260	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
01/16/2014	7340034	8260	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
04/23/2014	7440683	8260	ND	ND	ND	ND	ND	ND	ND	ND	1.6	ND	ND	1.6
07/08/2014	7526293	8260	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
10/03/2014	7625310	8260	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
01/07/2015	7732747	8260	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
04/16/2015	7850969	8260	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND

ND - Not detected, 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 nondetected values, the data for 2001 to 2004 has been reevaluated and interpreted as follows:

1) Nondetected concentrations have been represented as ND 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.

FORMER CARBORUNDUM FACILITY

WHEATFIELD, NEW YORK

Well Id: B-50M

Date	Lab Sample Id	Method	Carbon tetrachloride (ug/L)	Chloroform (ug/L)	1,1-Dichloro-ethane (ug/L)	1,1-Dichloro ethene (ug/L)	Methylene chloride (ug/L)	Trans-1,2-dichloro-ethene (ug/L)	Cis-1,2-dichloro-ethylene (ug/L)	1,1,1-Trichloro-ethane (ug/L)	Trichloro-ethene (TCE) (ug/L)	Tetrachloro-ethylene (PCE) (ug/L)	Vinyl chloride (ug/L)	Total (ug/L)
01/16/2001	A1043903	8021	ND	ND	ND	ND	ND	ND	1.7	ND	5.8	ND	ND	7.5
04/17/2001	A1345703	624	ND	ND	ND	ND	ND	ND	ND	ND	8.6	ND	ND	8.6
07/13/2001	A1663810	8021	ND	ND	ND	ND	ND	ND	0.32 J	ND	6	ND	ND	6.32
10/10/2001	A1994704	8021	ND	ND	ND	ND	ND	ND	0.38 J	ND	6.1	ND	ND	6.48
01/22/2002	A2066011RE	8021	ND	ND	ND	ND	ND	ND	2.2	ND	10	ND	ND	12.2
04/11/2002	A2348303	8021	ND	ND	ND	ND	ND	ND	4.7	ND	16	ND	ND	20.7
07/12/2002	A2713908	8021	ND	ND	ND	ND	ND	ND	7.2	ND	19	ND	ND	26.2
10/08/2002	A2999310	8021	ND	ND	ND	ND	ND	0.26 J	6	ND	10	ND	ND	16.26
01/20/2003	A3060802	8021	ND	ND	ND	ND	ND	ND	1.9	ND	9.8	ND	ND	11.7
04/29/2003	A3398703	8021	ND	ND	ND	ND	ND	ND	2.4	ND	18	ND	ND	20.4
07/16/2003	A3683702	8021	ND	ND	ND	ND	ND	0.2 J	3.6	ND	14	ND	ND	17.8
10/16/2003	A3A09001	8021	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
04/23/2004	A4373002	8021	ND	ND	ND	ND	ND	ND	23	ND	28	ND	ND	51
07/20/2004	A4682801	8021	ND	ND	ND	ND	ND	ND	20 E	ND	30 E	ND	ND	50
07/20/2004	A4682801	8260	ND	ND	ND	ND	ND	0.98 J	19	ND	34	ND	0.92 J	54.9
10/22/2004	A4A48002	8021	ND	ND	ND	ND	ND	0.87 J	23	ND	32	ND	0.59 J	56.46
01/17/2005	A5044301	8260	ND	ND	ND	ND	ND	0.67 J	12	ND	27	ND	ND	39.67
04/19/2005	A5387501	8260	ND	ND	ND	ND	ND	1.1	16	ND	56 E	ND	ND	73.1
04/19/2005	A5387501DL	8260	ND	ND	ND	ND	ND	1.1 D	15 D	ND	55 D	ND	ND	71.1
07/22/2005	A5778501	8260/5ML	ND	ND	ND	ND	ND	1.2	15	ND	51	ND	ND	67.2
07/18/2006	6G19003-11RE1	8260	ND	ND	ND	ND	ND	ND	14	ND	44	ND	ND	58
07/12/2007	7G13019-01	8260	ND	ND	ND	ND	ND	ND	19	ND	69	ND	ND	88
07/22/2008	5422168	8260	ND	ND	ND	ND	ND	1.6 J	25	ND	91	ND	ND	117.6
07/09/2009	5720686	8260	ND	ND	ND	ND	ND	ND	9.2	ND	51	ND	ND	60.2
07/20/2010	6038215	8260	ND	ND	ND	ND	ND	0.9 J	10	ND	49	ND	ND	59.9
07/21/2011	6353676	8260	ND	ND	ND	ND	ND	1 J	13	ND	53	ND	ND	67
07/17/2012	6723847	8260	ND	ND	ND	ND	ND	1.1 J	13	ND	58	ND	ND	72.1
07/15/2013	7128201	8260	ND	ND	ND	ND	ND	1.4 J	20	ND	83	ND	ND	104.4
07/10/2014	7529505	8260	ND	ND	ND	ND	ND	1.6	25	ND	100	ND	ND	126.6

ND - Not detected, 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 nondetected values, the data for 2001 to 2004 has been reevaluated and interpreted as follows:

1) Nondetected concentrations have been represented as ND 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.

FORMER CARBORUNDUM FACILITY

WHEATFIELD, NEW YORK

Well Id: B-51M

Date	Lab Sample Id	Method	Carbon tetrachloride (ug/L)	Chloroform (ug/L)	1,1-Dichloro-ethane (ug/L)	1,1-Dichloro ethene (ug/L)	Methylene chloride (ug/L)	Trans-1,2-dichloro-ethene (ug/L)	Cis-1,2-dichloro-ethylene (ug/L)	1,1,1-Trichloro-ethane (ug/L)	Trichloro-ethene (TCE) (ug/L)	Tetrachloro-ethylene (PCE) (ug/L)	Vinyl chloride (ug/L)	Total (ug/L)
01/16/2001	A1043904	8021	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
04/17/2001	A1345701	624	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
07/13/2001	A1663815	8021	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
10/10/2001	A1994705	8021	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
01/17/2002	A2058503	8021	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
04/09/2002	A2332610	8260	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
07/10/2002	A2708307	8021	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
10/03/2002	A2980613	8021	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
01/15/2003	A3043009	8021	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
04/17/2003	A3361703	8021	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
07/15/2003	A3670610	8021	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
10/16/2003	A3A08902	8021	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
04/21/2004	A4356905	8021	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
07/20/2004	A4682901	8021	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
10/21/2004	A4A47807	8021	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
04/22/2005	A5402102	8260	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
07/22/2005	A5778403	8260/5ML	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
07/18/2006	6G19003-12	8260	ND	ND	ND	ND	4 B	ND	ND	ND	ND	ND	ND	4
07/11/2007	7G12003-08	8260	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
07/22/2008	5422169	8260	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
07/09/2009	5720688	8260	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND

ND - Not detected, 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 nondetected values, the data for 2001 to 2004 has been reevaluated and interpreted as follows:

1) Nondetected concentrations have been represented as ND 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.

FORMER CARBORUNDUM FACILITY

WHEATFIELD, NEW YORK

Well Id: B-52M

Date	Lab Sample Id	Method	Carbon tetrachloride (ug/L)	Chloroform (ug/L)	1,1-Dichloro-ethane (ug/L)	1,1-Dichloro ethene (ug/L)	Methylene chloride (ug/L)	Trans-1,2-dichloro-ethene (ug/L)	Cis-1,2-dichloro-ethylene (ug/L)	1,1,1-Trichloro-ethane (ug/L)	Trichloro-ethene (TCE) (ug/L)	Tetrachloro-ethylene (PCE) (ug/L)	Vinyl chloride (ug/L)	Total (ug/L)
01/18/2001	A1052402	8021	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
04/17/2001	A1345706	624	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
07/16/2001	A1674107	8021	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
10/16/2001	A1A17407	8021	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
01/17/2002	A2058504	8021	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
04/16/2002	A2369802	8021	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
07/11/2002	A2708308	8021	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
10/11/2002	A2A14501	8021	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
01/16/2003	A3056005	8021	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
04/07/2003	A3320705	8021	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
07/02/2003	A3639702	8021	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
10/10/2003	A3983801	8021	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
04/13/2004	A4331508	8021	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
06/30/2004	A4619401	8021	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
10/22/2004	A4A47803	8021	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
01/13/2005	A5036408	8260	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
04/06/2005	A5317601	8260	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
07/07/2005	A5706804	8260	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
07/19/2006	6G20004-04	8260	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
07/12/2007	7G13019-02	8260	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
07/22/2008	5422160	8260	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
07/09/2009	5720691	8260	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
07/20/2010	6038217	8260	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
07/21/2011	6353671	8260	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
07/17/2012	6723842	8260	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
07/15/2013	7128207	8260	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
07/10/2014	7529513	8260	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND

ND - Not detected, 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 nondetected values, the data for 2001 to 2004 has been reevaluated and interpreted as follows:

1) Nondetected concentrations have been represented as ND 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.

FORMER CARBORUNDUM FACILITY

WHEATFIELD, NEW YORK

Well Id: B-53M

Date	Lab Sample Id	Method	Carbon tetrachloride (ug/L)	Chloroform (ug/L)	1,1-Dichloro-ethane (ug/L)	1,1-Dichloro ethene (ug/L)	Methylene chloride (ug/L)	Trans-1,2-dichloro-ethene (ug/L)	Cis-1,2-dichloro-ethylene (ug/L)	1,1,1-Trichloro-ethane (ug/L)	Trichloro-ethene (TCE) (ug/L)	Tetrachloro-ethylene (PCE) (ug/L)	Vinyl chloride (ug/L)	Total (ug/L)
01/18/2001	A1052403	8021	ND	ND	ND	ND	ND	ND	0.44 J	ND	4.6	ND	ND	5.04
04/17/2001	A1345705	624	ND	ND	ND	ND	ND	ND	ND	ND	5.8	ND	ND	5.8
07/16/2001	A1674105	8021	ND	ND	ND	ND	ND	ND	0.2 J	ND	3.8	ND	ND	4
10/16/2001	A1A17408	8021	ND	ND	ND	ND	ND	ND	0.32 J	ND	7.1	ND	ND	7.42
01/22/2002	A2066010	8021	ND	ND	ND	ND	ND	ND	ND	ND	3.8	ND	ND	3.8
04/17/2002	A2378403	8021	ND	ND	ND	ND	ND	ND	1.4	ND	4.2	ND	ND	5.6
07/12/2002	A2713905	8021	ND	ND	ND	ND	ND	ND	1.6	ND	5.1	ND	ND	6.7
10/11/2002	A2A14601	8021	ND	ND	ND	ND	ND	ND	1.6	ND	12	ND	ND	13.6
01/20/2003	A3060803	8021	ND	ND	ND	ND	ND	ND	1.4	ND	7.4	ND	ND	8.8
04/09/2003	A3329508	8021	ND	ND	ND	ND	ND	ND	1.6	ND	11	ND	ND	12.6
07/08/2003	A3649107	8021	ND	ND	ND	ND	ND	ND	0.6 J	ND	8	ND	ND	8.6
10/13/2003	A3991404	8021	ND	ND	ND	ND	ND	ND	1.2	ND	7.6	ND	ND	8.8
04/13/2004	A4331801	8021	ND	ND	ND	ND	ND	ND	2.6	ND	4.9	ND	ND	7.5
07/07/2004	A4636501	8021	ND	ND	ND	ND	ND	ND	2.5	ND	4.6	ND	ND	7.1
10/22/2004	A4A48003	8021	ND	ND	ND	ND	ND	ND	1.9	ND	9.8	ND	ND	11.7
01/13/2005	A5036205	8260	ND	ND	ND	ND	ND	ND	2.1	ND	3.5	ND	1 J	6.6
04/06/2005	A5317805	8260	ND	ND	ND	ND	ND	ND	1.8	ND	2.1	ND	ND	3.9
07/07/2005	A5706901	8260/5ML	ND	ND	ND	ND	ND	ND	1.9	ND	1.8	ND	ND	3.7
07/19/2006	6G20004-03	8260	ND	ND	ND	ND	ND	ND	2	ND	2	ND	ND	4
07/12/2007	7G13019-03	8260	ND	ND	ND	ND	ND	ND	2	ND	2	ND	ND	4
07/22/2008	5422161	8260	ND	ND	ND	ND	ND	ND	6.9	ND	26	ND	ND	32.9
07/09/2009	5720692	8260	ND	ND	ND	ND	ND	ND	2.9 J	ND	9.4	ND	ND	12.3
07/20/2010	6038218	8260	ND	ND	ND	ND	ND	ND	1.7 J	ND	13	ND	ND	14.7
04/13/2011	6258129	8260	ND	ND	ND	ND	ND	ND	3 J	ND	16	ND	ND	19
07/21/2011	6353670	8260	ND	ND	ND	ND	ND	ND	2 J	ND	9.3	ND	ND	11.3
07/17/2012	6723845	8260	ND	ND	ND	ND	ND	ND	3.0 J	ND	12	ND	ND	15
07/15/2013	7128206	8260	ND	ND	ND	ND	ND	ND	1.3 J	ND	6.7	ND	ND	8
07/10/2014	7529514	8260	ND	ND	ND	ND	ND	ND	0.94 J	ND	1.6	ND	ND	2.54

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To address the NYSDEC concerns regarding the presentation and plotting of nondetected values, the data for 2001 to 2004 has been reevaluated and interpreted as follows:

1) Nondetected concentrations have been represented as ND for reporting purposes.
2) Total VOCs have been recalculated and represented as the sum of the detected parameters shown on this table.
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FORMER CARBORUNDUM FACILITY

WHEATFIELD, NEW YORK

Well Id: B-54M

Date	Lab Sample Id	Method	Carbon tetrachloride (ug/L)	Chloroform (ug/L)	1,1-Dichloro-ethane (ug/L)	1,1-Dichloro ethene (ug/L)	Methylene chloride (ug/L)	Trans-1,2-dichloro-ethene (ug/L)	Cis-1,2-dichloro-ethylene (ug/L)	1,1,1-Trichloro-ethane (ug/L)	Trichloro-ethene (TCE) (ug/L)	Tetrachloro-ethylene (PCE) (ug/L)	Vinyl chloride (ug/L)	Total (ug/L)
01/22/2001	A1063401	8021	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
04/18/2001	A1361305	624	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
07/16/2001	A1674104	8021	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
10/11/2001	A1994708	8021	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
01/15/2002	A2039406	8021	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
04/08/2002	A2332605	8260	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
07/09/2002	A2695506	8021	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
10/03/2002	A2980604	8021	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
01/14/2003	A3043001	8021	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
04/08/2003	A3320707	8021	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
07/08/2003	A3649205	8021	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
10/10/2003	A3983805	8021	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
04/13/2004	A4331509	8021	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
06/30/2004	A4619402	8021	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
10/22/2004	A4A47802	8021	ND	ND	ND	ND	0.58 J	ND	ND	ND	ND	ND	ND	0.58
01/17/2005	A5043901	8260	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
04/06/2005	A5317602	8260	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
07/07/2005	A5706803	8260	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
07/19/2006	6G20004-08	8260	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
07/12/2007	7G13019-04	8260	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
07/22/2008	5422162	8260	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
07/09/2009	5720689	8260	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
07/22/2010	6040538	8260	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
07/21/2011	6353669	8260	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
07/17/2012	6723846	8260	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
07/15/2013	7128205	8260	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
07/10/2014	7529511	8260	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND

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To address the NYSDEC concerns regarding the presentation and plotting of nondetected values, the data for 2001 to 2004 has been reevaluated and interpreted as follows:

1) Nondetected concentrations have been represented as ND for reporting purposes.
2) Total VOCs have been recalculated and represented as the sum of the detected parameters shown on this table.
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FORMER CARBORUNDUM FACILITY

WHEATFIELD, NEW YORK

Well Id: B-55M

Date	Lab Sample Id	Method	Carbon tetrachloride (ug/L)	Chloroform (ug/L)	1,1-Dichloro-ethane (ug/L)	1,1-Dichloro ethene (ug/L)	Methylene chloride (ug/L)	Trans-1,2-dichloro-ethene (ug/L)	Cis-1,2-dichloro-ethylene (ug/L)	1,1,1-Trichloro-ethane (ug/L)	Trichloro-ethene (TCE) (ug/L)	Tetrachloro-ethylene (PCE) (ug/L)	Vinyl chloride (ug/L)	Total (ug/L)
01/22/2001	A1063402	8021	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
04/18/2001	A1361302	624	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
07/16/2001	A1674103	8021	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
10/11/2001	A1994707	8021	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
01/15/2002	A2039407	8021	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
04/09/2002	A2332607	8260	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
07/09/2002	A2695512	8021	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
10/03/2002	A2980605	8021	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
01/14/2003	A3043002	8021	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
04/08/2003	A3320706	8021	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
07/08/2003	A3649206	8021	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
10/10/2003	A3983804	8021	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
04/13/2004	A4331510	8021	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
06/30/2004	A4619403	8021	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
10/22/2004	A4A47801	8021	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
01/17/2005	A5043902	8260	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
04/06/2005	A5317603	8260	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
07/07/2005	A5706802	8260	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
07/19/2006	6G20004-09	8260	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
07/12/2007	7G13019-05	8260	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
07/22/2008	5422163	8260	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
07/09/2009	5720690	8260	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
07/22/2010	6040537	8260	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
07/21/2011	6353668	8260	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
07/17/2012	6723848	8260	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
07/15/2013	7128204	8260	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
07/10/2014	7529512	8260	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND

ND - Not detected, 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 nondetected values, the data for 2001 to 2004 has been reevaluated and interpreted as follows:

1) Nondetected concentrations have been represented as ND 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.

FORMER CARBORUNDUM FACILITY — WHEATFIELD, NEW YORK

Well Id: B-56M

Date	Lab Sample Id	Method	Carbon tetrachloride (ug/L)	Chloroform (ug/L)	1,1-Dichloro-ethane (ug/L)	1,1-Dichloro ethene (ug/L)	Methylene chloride (ug/L)	Trans-1,2-dichloro-ethene (ug/L)	Cis-1,2-dichloro-ethylene (ug/L)	1,1,1-Trichloro-ethane (ug/L)	Trichloro-ethene (TCE) (ug/L)	Tetrachloro-ethylene (PCE) (ug/L)	Vinyl chloride (ug/L)	Total (ug/L)
01/17/2001	A1052409	8021	ND	1	0.48 J	ND	0.56 J	2.7	71	ND	28	ND	2.4	106.14
04/16/2001	A1345803	624	ND	ND	ND	ND	ND	ND	18	ND	27	ND	ND	45
07/16/2001	A1674111	8021	ND	2.1	0.51 J	ND	1 J	2	95	ND	46	ND	ND	146.61
10/11/2001	A1994710	8021	ND	ND	ND	ND	ND	0.74 J	43	ND	31 D	ND	ND	74.74
01/24/2002	A2076708	8021	ND	2.3	ND	ND	2.5	ND	63	ND	280	ND	ND	347.8
04/15/2002	A2370203	8021	ND	ND	ND	ND	ND	ND	9.8	ND	44	ND	ND	53.8
07/16/2002	A2722905	8021	ND	ND	ND	ND	3	ND	16	ND	74	ND	ND	93
10/09/2002	A2A07502	8021	ND	ND	ND	ND	ND	ND	9.5	ND	39	ND	ND	48.5
01/23/2003	A3075202	8021	ND	ND	ND	ND	ND	ND	86	6.6	150	ND	ND	242.6
04/15/2003	A3356603	8021	ND	ND	ND	ND	86	1.4	29	1	80	ND	ND	197.4
07/21/2003	A3699403	8021	ND	ND	ND	ND	ND	ND	29	ND	71	ND	ND	100
10/21/2003	A3A21901	8021	ND	ND	ND	ND	2.3 J	ND	48	ND	110	ND	ND	160.3
01/28/2004	A4077601	8021	ND	ND	ND	ND	ND	1.7	52	ND	200	ND	ND	253.7
04/21/2004	A4356601	8021	ND	ND	ND	ND	1.8 J	ND	16	ND	68	ND	ND	85.8
07/21/2004	A4687102	8260	ND	ND	ND	ND	5.1	ND	19	ND	110	ND	ND	134.1
10/20/2004	A4A32302	8021	ND	ND	ND	ND	ND	ND	16	ND	84	ND	ND	100
01/13/2005	A5036107	8260	ND	ND	ND	ND	ND	1.1	22	0.64 J	160 E	ND	ND	183.74
01/13/2005	A5036107DL	8260							17 D		110 D			127
04/22/2005	A5402001	8260	ND	ND	ND	ND	ND	0.7 J	9.9	ND	63	ND	ND	73.6
07/19/2005	A5762301	8260/5ML	ND	ND	ND	ND	ND	0.95 J	14	ND	78	ND	ND	92.95
10/20/2005	A5B91901	8260	ND	ND	ND	ND	ND	1.5	20	0.56 J	100 E	ND	0.63 J	122.69
10/20/2005	A5B91901DL	8260	ND	ND	ND	ND	3 BD	ND	19 D	ND	82 D	ND	ND	104
01/23/2006	A6084703	8260	ND	ND	ND	ND	ND	1	17	ND	100 E	ND	ND	118
01/23/2006	A6084703DL	8260	ND	3.4 D	ND	ND	1.2 DJ	0.97 DJ	16 D	ND	94 D	ND	ND	115.57
04/12/2006	6D13005-07	8260	ND	ND	ND	ND	ND	ND	7	ND	40	ND	ND	47
07/19/2006	6G20004-05	8260	ND	ND	ND	ND	ND	ND	13	ND	74	ND	ND	87
10/10/2006	6J11002-04	8260	ND	ND	ND	ND	ND	ND	9	ND	35	ND	ND	44
01/08/2007	7A09003-03	8260	ND	ND	ND	ND	ND	ND	3	ND	13	ND	ND	16
04/04/2007	7D05011-03	8260	ND	ND	ND	ND	ND	ND	1	ND	8	ND	ND	9
07/11/2007	7G12003-04	8260	ND	ND	ND	ND	ND	ND	3	ND	16	ND	ND	19
10/10/2007	7J11002-06	8260	ND	ND	ND	ND	2 B	ND	6	ND	27	ND	ND	35
01/08/2008	8A09005-07	8260	ND	ND	1	ND	4	ND	23	2	60	ND	ND	90
04/07/2008	8D08002-04	8260	ND	ND	ND	ND	ND	ND	6	ND	20	ND	ND	26
07/28/2008	5426818	8260	ND	ND	ND	ND	ND	ND	6.9	ND	19	ND	ND	25.9
10/17/2008	5502675	8260	ND	ND	2 J	ND	ND	1.4 J	41	2 J	110	ND	1.2 J	157.6
01/13/2009	5576512	8260	ND	ND	1 J	ND	ND	ND	23	1.3 J	73	ND	ND	98.3
04/13/2009	5647712	8260	ND	ND	ND	ND	ND	ND	17	ND	64	ND	ND	81

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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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FORMER CARBORUNDUM FACILITY

WHEATFIELD, NEW YORK

Well Id: B-56M

Date	Lab Sample Id	Method	Carbon tetrachloride (ug/L)	Chloroform (ug/L)	1,1-Dichloro-ethane (ug/L)	1,1-Dichloro ethene (ug/L)	Methylene chloride (ug/L)	Trans-1,2-dichloro-ethene (ug/L)	Cis-1,2-dichloro-ethylene (ug/L)	1,1,1-Trichloro-ethane (ug/L)	Trichloro-ethene (TCE) (ug/L)	Tetrachloro-ethylene (PCE) (ug/L)	Vinyl chloride (ug/L)	Total (ug/L)
07/15/2009	5724675	8260	ND	ND	ND	ND	ND	0.87 J	21	ND	82	ND	ND	103.87
10/05/2009	5797969	8260	ND	ND	ND	ND	ND	ND	17	ND	72	ND	ND	89
01/21/2010	5889952	8260	ND	ND	ND	ND	ND	ND	5.3	ND	32	ND	ND	37.3
04/06/2010	5946902	8260	ND	ND	ND	ND	ND	ND	16	ND	97	ND	ND	113
07/20/2010	6038213	8260	ND	ND	ND	ND	ND	1.1 J	25	0.91 J	150	ND	ND	177.01
10/18/2010	6115540	8260	ND	ND	3.1 J	0.89 J	ND	2.4 J	62	2.5 J	290	ND	3.2 J	364.09
01/26/2011	6192952	8260	ND	ND	2.7 J	0.94 J	ND	2.7 J	77	3.1 J	300	ND	1.5 J	387.94
04/13/2011	6258128	8260	ND	ND	ND	ND	ND	1.3 J	34	1.1 J	180	ND	ND	216.4
07/19/2011	6350139	8260	ND	ND	ND	ND	ND	1.1 J	23	ND	140	ND	ND	164.1
10/13/2011	6437684	8260	ND	ND	2.8 J	ND	ND	2.6 J	69	2.0 J	240	ND	1.9 J	318.3
01/17/2012	6524416	8260	ND	ND	ND	ND	ND	0.83 J	21	ND	160	ND	ND	181.83
04/03/2012	6605298	8260	ND	ND	ND	ND	ND	ND	10	ND	64	ND	ND	74
07/12/2012	6719398	8260	ND	ND	ND	ND	ND	1.2 J	25	ND	190	ND	ND	216.2
10/03/2012	6812007	8260	ND	ND	1.8 J	0.97 J	ND	1.7 J	200	1.7 J	99	ND	2.0 J	307.17
01/23/2013	6932574	8260	ND	ND	ND	ND	ND	ND	15	ND	45	ND	ND	60
04/08/2013	7015029	8260	ND	ND	ND	ND	ND	0.97 J	27	ND	110	ND	ND	137.97
07/16/2013	7129886	8260	ND	ND	ND	ND	ND	ND	4.6 J	ND	21	ND	ND	25.6
11/13/2013	7276550	8260	ND	ND	ND	ND	ND	ND	8.2	ND	46	ND	ND	54.2
01/20/2014	7342588	8260	ND	ND	ND	ND	ND	ND	9.7	ND	51	ND	ND	60.7
04/15/2014	7432581	8260	ND	ND	ND	ND	ND	ND	3.9	ND	21	ND	ND	24.9
07/16/2014	7535891	8260	ND	ND	ND	ND	ND	0.52 J	9.1	ND	49	ND	ND	58.62
10/02/2014	7623664	8260	ND	ND	ND	ND	ND	ND	9.4	ND	47	ND	ND	56.4
01/08/2015	7734024	8260	ND	0.55 J	ND	ND	ND	ND	3.3	ND	19	ND	ND	22.85
04/14/2015	7847250	8260	ND	ND	ND	ND	ND	ND	8.8	ND	44	ND	ND	52.8

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To address the NYSDEC concerns regarding the presentation and plotting of nondetected values, the data for 2001 to 2004 has been reevaluated and interpreted as follows:

1) Nondetected concentrations have been represented as ND for reporting purposes.
2) Total VOCs have been recalculated and represented as the sum of the detected parameters shown on this table.
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FORMER CARBORUNDUM FACILITY

WHEATFIELD, NEW YORK

Well Id: B-57M

Date	Lab Sample Id	Method	Carbon tetrachloride (ug/L)	Chloroform (ug/L)	1,1-Dichloro-ethane (ug/L)	1,1-Dichloro ethene (ug/L)	Methylene chloride (ug/L)	Trans-1,2-dichloro-ethene (ug/L)	Cis-1,2-dichloro-ethylene (ug/L)	1,1,1-Trichloro-ethane (ug/L)	Trichloro-ethene (TCE) (ug/L)	Tetrachloro-ethylene (PCE) (ug/L)	Vinyl chloride (ug/L)	Total (ug/L)
01/18/2001	A1052407	8021	ND	ND	ND	ND	ND	ND	3.2	ND	1.5	ND	ND	4.7
04/16/2001	A1345802	624	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
07/16/2001	A1674108	8021	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
10/11/2001	A1994709	8021	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
01/18/2002	A2058507	8021	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
04/10/2002	A2347903	8260	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
07/11/2002	A2708309	8021	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
10/04/2002	A2986404	8021	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
01/16/2003	A3056003	8021	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
04/07/2003	A3320703	8021	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
07/08/2003	A3649203	8021	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
10/09/2003	A3978811	8021	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
04/20/2004	A4356901	8021	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
07/13/2004	A4664210	8021	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
10/25/2004	A4A54102	8021	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
01/13/2005	A5036403	8260	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
04/06/2005	A5317604	8260	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
07/12/2005	A5733101	8260/5ML	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
10/05/2005	A5B10501	8260	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
01/23/2006	A6084704	8260	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
04/12/2006	6D13005-08	8260	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
07/19/2006	6G20004-01	8260	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
10/10/2006	6J11002-05	8260	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
01/08/2007	7A09003-04	8260	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
04/04/2007	7D05011-04	8260	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
07/11/2007	7G12003-05	8260	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
10/10/2007	7J11002-04	8260	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
01/08/2008	8A09005-08	8260	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
04/07/2008	8D08002-03	8260	ND	ND	ND	ND	3 B	ND	ND	ND	ND	ND	ND	3
07/28/2008	5426820	8260	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
10/17/2008	5502678	8260	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
01/13/2009	5576515	8260	ND	ND	ND	ND	ND	ND	ND	ND	1.6 J	ND	ND	1.6
04/13/2009	5647716	8260	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
07/15/2009	5724674	8260	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
10/05/2009	5797968	8260	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
01/21/2010	5889951	8260	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
04/06/2010	5946908	8260	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND

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To address the NYSDEC concerns regarding the presentation and plotting of nondetected values, the data for 2001 to 2004 has been reevaluated and interpreted as follows:

1) Nondetected concentrations have been represented as ND for reporting purposes.
2) Total VOCs have been recalculated and represented as the sum of the detected parameters shown on this table.
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FORMER CARBORUNDUM FACILITY

WHEATFIELD, NEW YORK

Well Id: B-57M

Date	Lab Sample Id	Method	Carbon tetrachloride (ug/L)	Chloroform (ug/L)	1,1-Dichloro-ethane (ug/L)	1,1-Dichloro ethene (ug/L)	Methylene chloride (ug/L)	Trans-1,2-dichloro-ethene (ug/L)	Cis-1,2-dichloro-ethylene (ug/L)	1,1,1-Trichloro-ethane (ug/L)	Trichloro-ethene (TCE) (ug/L)	Tetrachloro-ethylene (PCE) (ug/L)	Vinyl chloride (ug/L)	Total (ug/L)
07/20/2010	6038208	8260	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
10/18/2010	6115539	8260	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
01/26/2011	6192953	8260	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
04/13/2011	6258125	8260	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
07/19/2011	6350145	8260	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
10/13/2011	6437687	8260	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
01/17/2012	6524415	8260	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
04/03/2012	6605299	8260	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
07/12/2012	6719395	8260	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
10/03/2012	6812010	8260	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
01/23/2013	6932573	8260	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
04/08/2013	7015030	8260	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
07/16/2013	7129885	8260	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
11/13/2013	7276548	8260	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
01/20/2014	7342586	8260	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
04/15/2014	7432580	8260	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
07/16/2014	7535888	8260	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
10/02/2014	7623665	8260	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
01/08/2015	7734027	8260	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
04/14/2015	7847246	8260	ND	1.8	ND	ND	ND	0.69 J	21	ND	240	ND	ND	263.49

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To address the NYSDEC concerns regarding the presentation and plotting of nondetected 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.
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FORMER CARBORUNDUM FACILITY

WHEATFIELD, NEW YORK

Well Id: B-58M

Date	Lab Sample Id	Method	Carbon tetrachloride (ug/L)	Chloroform (ug/L)	1,1-Dichloro-ethane (ug/L)	1,1-Dichloro ethene (ug/L)	Methylene chloride (ug/L)	Trans-1,2-dichloro-ethene (ug/L)	Cis-1,2-dichloro-ethylene (ug/L)	1,1,1-Trichloro-ethane (ug/L)	Trichloro-ethene (TCE) (ug/L)	Tetrachloro-ethylene (PCE) (ug/L)	Vinyl chloride (ug/L)	Total (ug/L)
01/17/2001	A1052408	8021	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
04/16/2001	A1345801	624	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
07/16/2001	A1674110	8021	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
10/12/2001	A1A01002	8021	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
01/18/2002	A2058508	8021	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
04/10/2002	A2347904	8260	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
07/11/2002	A2708310	8021	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
10/04/2002	A2986405	8021	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
01/16/2003	A3056004	8021	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
04/07/2003	A3320704	8021	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
07/08/2003	A3649204	8021	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
10/09/2003	A3978813	8021	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
04/20/2004	A4356902	8021	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
07/13/2004	A4664211	8021	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
10/25/2004	A4A54103	8021	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
01/13/2005	A5036404	8260	ND	ND	ND	ND	ND	ND	ND	ND	1.5	ND	ND	1.5
04/06/2005	A5317605	8260	ND	ND	ND	ND	ND	ND	ND	ND	0.69 J	ND	ND	0.69
07/12/2005	A5733102	8260/5ML	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
07/19/2006	6G20004-02	8260	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
07/11/2007	7G12003-06	8260	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
07/28/2008	5426822	8260	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
07/15/2009	5724673	8260	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
07/20/2010	6038214	8260	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
07/19/2011	6350142	8260	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
07/12/2012	6719394	8260	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
07/16/2013	7129893	8260	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
07/16/2014	7535889	8260	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND

ND - Not detected, 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 nondetected values, the data for 2001 to 2004 has been reevaluated and interpreted as follows:

1) Nondetected concentrations have been represented as ND 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.

FORMER CARBORUNDUM FACILITY

WHEATFIELD, NEW YORK

Well Id: B-59M

Date	Lab Sample Id	Method	Carbon tetrachloride (ug/L)	Chloroform (ug/L)	1,1-Dichloro-ethane (ug/L)	1,1-Dichloro ethene (ug/L)	Methylene chloride (ug/L)	Trans-1,2-dichloro-ethene (ug/L)	Cis-1,2-dichloro-ethylene (ug/L)	1,1,1-Trichloro-ethane (ug/L)	Trichloro-ethene (TCE) (ug/L)	Tetrachloro-ethylene (PCE) (ug/L)	Vinyl chloride (ug/L)	Total (ug/L)
07/17/2002	A2732710	8021	ND	ND	ND	ND	ND	ND	ND	ND	2.5	ND	ND	2.5
08/05/2002	A2793604	8021	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
10/07/2002	A2999201	8021	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
01/16/2003	A3056008	8021	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
04/17/2003	A3361701	8021	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
07/14/2003	A3670605	8021	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
10/14/2003	A3998703	8021	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
01/07/2004	A4012312	8021	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
04/22/2004	A4372901	8021	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
07/14/2004	A4664202	8021	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
10/15/2004	A4A20702	8021	ND	ND	ND	ND	ND	ND	ND	ND	0.79 J	ND	ND	0.79
01/19/2005	A5050901	8260	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
04/25/2005	A5408101	8260	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
07/20/2005	A5762204	8260/5ML	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
07/19/2006	6G20004-14RE1	8260	ND	ND	ND	ND	4	ND	3	ND	3	ND	ND	10
07/17/2007	7G18027-09	8260	ND	ND	ND	ND	ND	1	4	ND	3	ND	ND	8
07/21/2008	5420892	8260	ND	ND	ND	ND	ND	0.8 J	1.1 J	ND	ND	ND	ND	1.9
07/08/2009	5719627	8260	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
07/19/2010	6036152	8260	ND	ND	ND	ND	ND	2.2 J	6.9	ND	ND	ND	3 J	12.1
04/13/2011	6258124	8260	ND	ND	ND	ND	ND	ND	1.2 J	ND	ND	ND	ND	1.2
07/12/2011	6342643	8260	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
07/11/2012	6717359	8260	ND	ND	ND	ND	ND	ND	3.4 J	ND	ND	ND	2.7 J	6.1
07/10/2013	7123808	8260	ND	ND	ND	ND	ND	ND	0.90 J	ND	ND	ND	ND	0.9
07/15/2014	7534319	8260	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND

ND - Not detected, 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 nondetected values, the data for 2001 to 2004 has been reevaluated and interpreted as follows:

1) Nondetected concentrations have been represented as ND 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.

FORMER CARBORUNDUM FACILITY

WHEATFIELD, NEW YORK

Well Id: B-60M

Date	Lab Sample Id	Method	Carbon tetrachloride (ug/L)	Chloroform (ug/L)	1,1-Dichloro-ethane (ug/L)	1,1-Dichloro ethene (ug/L)	Methylene chloride (ug/L)	Trans-1,2-dichloro-ethene (ug/L)	Cis-1,2-dichloro-ethylene (ug/L)	1,1,1-Trichloro-ethane (ug/L)	Trichloro-ethene (TCE) (ug/L)	Tetrachloro-ethylene (PCE) (ug/L)	Vinyl chloride (ug/L)	Total (ug/L)
07/17/2002	A2732708	8021	ND	ND	ND	ND	ND	ND	ND	ND	3.8	ND	ND	3.8
08/05/2002	A2793610	8021	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
10/04/2002	A2986402	8021	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
01/16/2003	A3056006	8021	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
04/17/2003	A3361702	8021	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
07/14/2003	A3670604	8021	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
10/14/2003	A3998702	8021	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
01/08/2004	A4026302	8021	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
04/22/2004	A4372903	8021	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
07/14/2004	A4664205	8021	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
10/20/2004	A4A32103	8021	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
01/19/2005	A5050902	8260	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
04/22/2005	A5402103	8260	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
07/20/2005	A5762205	8260/5ML	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
07/19/2006	6G20004-10	8260	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
07/17/2007	7G18027-06	8260	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
07/21/2008	5420895	8260	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
07/08/2009	5719625	8260	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
07/19/2010	6036153	8260	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
07/12/2011	6342644	8260	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
07/11/2012	6717358	8260	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
07/10/2013	7123811	8260	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
07/15/2014	7534312	8260	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND

ND - Not detected, 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 nondetected values, the data for 2001 to 2004 has been reevaluated and interpreted as follows:

1) Nondetected concentrations have been represented as ND 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.

FORMER CARBORUNDUM FACILITY

WHEATFIELD, NEW YORK

Well Id: B-61M

Date	Lab Sample Id	Method	Carbon tetrachloride (ug/L)	Chloroform (ug/L)	1,1-Dichloro-ethane (ug/L)	1,1-Dichloro ethene (ug/L)	Methylene chloride (ug/L)	Trans-1,2-dichloro-ethene (ug/L)	Cis-1,2-dichloro-ethylene (ug/L)	1,1,1-Trichloro-ethane (ug/L)	Trichloro-ethene (TCE) (ug/L)	Tetrachloro-ethylene (PCE) (ug/L)	Vinyl chloride (ug/L)	Total (ug/L)
07/18/2002	A2732705	8021	ND	5	ND	ND	ND	ND	4.8	ND	26	ND	ND	35.8
08/05/2002	A2793611	8021	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
10/03/2002	A2980612	8021	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
01/16/2003	A3056007	8021	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
04/14/2003	A3347501	8021	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
07/14/2003	A3670603	8021	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
10/14/2003	A3998701	8021	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
01/08/2004	A4026301	8021	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
04/22/2004	A4372902	8021	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
07/14/2004	A4664206	8021	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
10/20/2004	A4A32104	8021	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
01/19/2005	A5050903	8260	ND	ND	ND	ND	ND	ND	ND	ND	0.3 J	ND	ND	0.3
04/25/2005	A5408102	8260	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
07/20/2005	A5762206	8260/5ML	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
07/19/2006	6G20004-11	8260	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
07/17/2007	7G18027-07	8260	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
07/21/2008	5420896	8260	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
07/08/2009	5719626	8260	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
07/19/2010	6036154	8260	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
07/12/2011	6342645	8260	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
07/11/2012	6717357	8260	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
07/10/2013	7123809	8260	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
07/15/2014	7534313	8260	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND

ND - Not detected, 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 nondetected values, the data for 2001 to 2004 has been reevaluated and interpreted as follows:

1) Nondetected concentrations have been represented as ND 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.

FORMER CARBORUNDUM FACILITY

WHEATFIELD, NEW YORK

Well Id: B-62M

Date	Lab Sample Id	Method	Carbon tetrachloride (ug/L)	Chloroform (ug/L)	1,1-Dichloro-ethane (ug/L)	1,1-Dichloro ethene (ug/L)	Methylene chloride (ug/L)	Trans-1,2-dichloro-ethene (ug/L)	Cis-1,2-dichloro-ethylene (ug/L)	1,1,1-Trichloro-ethane (ug/L)	Trichloro-ethene (TCE) (ug/L)	Tetrachloro-ethylene (PCE) (ug/L)	Vinyl chloride (ug/L)	Total (ug/L)
07/17/2002	A2732712	8021	ND	ND	ND	ND	ND	ND	2.2	ND	7.4	ND	ND	9.6
08/05/2002	A2793609	8021	ND	ND	ND	ND	ND	ND	0.86 J	ND	3.1	ND	ND	3.96
10/04/2002	A2986403	8021	ND	ND	ND	ND	ND	ND	ND	ND	1.2	ND	ND	1.2
01/17/2003	A3056009	8021	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
04/03/2003	A3315007	8021	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
07/08/2003	A3649202	8021	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
10/08/2003	A3978808	8021	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
01/07/2004	A4012309	8021	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
04/15/2004	A4337501	8021	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
06/29/2004	A4614509	8021	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
10/27/2004	A4A60303	8021	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
04/04/2005	A5307806	8260	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
07/12/2005	A5725406	8260/5ML	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
07/21/2006	6G21018-03	8260	ND	ND	ND	ND	4	ND	ND	ND	ND	ND	ND	4
07/17/2007	7G18027-03	8260	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
07/17/2008	5418423	8260	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
07/08/2009	5719616	8260	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
07/22/2010	6040536	8260	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
07/26/2011	6357495	8260	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
07/10/2012	6716076	8260	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
07/10/2013	7123803	8260	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
07/15/2014	7534320	8260	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND

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To address the NYSDEC concerns regarding the presentation and plotting of nondetected values, the data for 2001 to 2004 has been reevaluated and interpreted as follows:

1) Nondetected concentrations have been represented as ND for reporting purposes.
2) Total VOCs have been recalculated and represented as the sum of the detected parameters shown on this table.
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FORMER CARBORUNDUM FACILITY

WHEATFIELD, NEW YORK

Well Id: B-63M

Date	Lab Sample Id	Method	Carbon tetrachloride (ug/L)	Chloroform (ug/L)	1,1-Dichloro-ethane (ug/L)	1,1-Dichloro ethene (ug/L)	Methylene chloride (ug/L)	Trans-1,2-dichloro-ethene (ug/L)	Cis-1,2-dichloro-ethylene (ug/L)	1,1,1-Trichloro-ethane (ug/L)	Trichloro-ethene (TCE) (ug/L)	Tetrachloro-ethylene (PCE) (ug/L)	Vinyl chloride (ug/L)	Total (ug/L)
07/17/2002	A2732709	8021	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
08/05/2002	A2793605	8021	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
01/13/2003	A3038006	8021	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
04/03/2003	A3315004	8021	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
07/08/2003	A3649201	8021	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
10/08/2003	A3978807	8021	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
01/07/2004	A4012305	8021	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
04/15/2004	A4337502	8021	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
06/28/2004	A4614504	8021	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
10/20/2004	A4A32106	8021	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
01/19/2005	A5050904	8260	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
04/04/2005	A5307805	8260	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
07/12/2005	A5725405	8260/5ML	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
07/19/2006	6G20004-13	8260	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
07/18/2007	7G19011-08	8260	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
07/17/2008	5418424	8260	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
07/08/2009	5719620	8260	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
07/22/2010	6040535	8260	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
07/26/2011	6357496	8260	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
07/10/2012	6716070	8260	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
07/10/2013	7123802	8260	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
07/15/2014	7534316	8260	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND

ND - Not detected, 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 nondetected values, the data for 2001 to 2004 has been reevaluated and interpreted as follows:

1) Nondetected concentrations have been represented as ND 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.

FORMER CARBORUNDUM FACILITY

WHEATFIELD, NEW YORK

Well Id: B-64M

Date	Lab Sample Id	Method	Carbon tetrachloride (ug/L)	Chloroform (ug/L)	1,1-Dichloro-ethane (ug/L)	1,1-Dichloro ethene (ug/L)	Methylene chloride (ug/L)	Trans-1,2-dichloro-ethene (ug/L)	Cis-1,2-dichloro-ethylene (ug/L)	1,1,1-Trichloro-ethane (ug/L)	Trichloro-ethene (TCE) (ug/L)	Tetrachloro-ethylene (PCE) (ug/L)	Vinyl chloride (ug/L)	Total (ug/L)
07/17/2002	A2732711	8021	ND	17	ND	ND	ND	ND	ND	ND	8.7	ND	ND	25.7
08/05/2002	A2793606	8021	ND	9.4	ND	ND	ND	ND	3.7	ND	6.8	ND	ND	19.9
10/07/2002	A2999204	8021	ND	0.9 J	ND	ND	ND	ND	0.3 J	ND	0.96 J	ND	ND	2.16
01/15/2003	A3043011	8021	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
04/03/2003	A3315005	8021	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
07/03/2003	A3639706	8021	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
10/08/2003	A3978805	8021	ND	ND	ND	ND	ND	ND	1.1	ND	ND	ND	ND	1.1
01/07/2004	A4012307	8021	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
04/15/2004	A4337503	8021	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
06/28/2004	A4614502	8021	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
10/20/2004	A4A32107	8021	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
01/19/2005	A5050905	8260	ND	ND	ND	ND	ND	ND	ND	ND	0.3 J	ND	ND	0.3
04/04/2005	A5307804	8260	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
07/12/2005	A5725404	8260/5ML	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
07/21/2006	6G21018-04	8260	ND	ND	ND	ND	5 B	ND	ND	ND	ND	ND	ND	5
07/17/2007	7G18027-01	8260	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
07/17/2008	5418425	8260	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
07/08/2009	5719619	8260	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
07/22/2010	6040531	8260	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
07/26/2011	6357497	8260	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
07/10/2012	6716071	8260	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
07/10/2013	7123804	8260	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
07/15/2014	7534317	8260	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND

ND - Not detected, 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 nondetected values, the data for 2001 to 2004 has been reevaluated and interpreted as follows:

1) Nondetected concentrations have been represented as ND 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.

FORMER CARBORUNDUM FACILITY

WHEATFIELD, NEW YORK

Well Id: B-65M

Date	Lab Sample Id	Method	Carbon tetrachloride (ug/L)	Chloroform (ug/L)	1,1-Dichloro-ethane (ug/L)	1,1-Dichloro ethene (ug/L)	Methylene chloride (ug/L)	Trans-1,2-dichloro-ethene (ug/L)	Cis-1,2-dichloro-ethylene (ug/L)	1,1,1-Trichloro-ethane (ug/L)	Trichloro-ethene (TCE) (ug/L)	Tetrachloro-ethylene (PCE) (ug/L)	Vinyl chloride (ug/L)	Total (ug/L)
07/17/2002	A2732713	8021	ND	ND	ND	ND	ND	ND	ND	ND	2.6	ND	ND	2.6
08/05/2002	A2793607	8021	ND	0.24 J	ND	ND	ND	ND	ND	ND	0.49 J	ND	ND	0.73
10/07/2002	A2999203	8021	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
01/15/2003	A3043010	8021	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
04/03/2003	A3315006	8021	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
07/03/2003	A3639707	8021	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
10/08/2003	A3978806	8021	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
01/07/2004	A4012308	8021	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
04/15/2004	A4337504	8021	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
06/29/2004	A4614508	8021	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
10/27/2004	A4A60304	8021	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
01/19/2005	A5050906	8260	ND	ND	ND	ND	ND	ND	ND	ND	0.53 J	ND	ND	0.53
04/04/2005	A5307803	8260	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
07/12/2005	A5725403	8260/5ML	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
07/21/2006	6G21018-05	8260	ND	ND	ND	ND	3 B	ND	ND	ND	ND	ND	ND	3
07/17/2007	7G18027-02	8260	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
07/17/2008	5418426	8260	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
07/08/2009	5719618	8260	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
07/22/2010	6040539	8260	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
07/26/2011	6357501	8260	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
07/10/2012	6716072	8260	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
07/10/2013	7123805	8260	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
07/15/2014	7534318	8260	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND

ND - Not detected, 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 nondetected values, the data for 2001 to 2004 has been reevaluated and interpreted as follows:

1) Nondetected concentrations have been represented as ND 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.

FORMER CARBORUNDUM FACILITY

WHEATFIELD, NEW YORK

Well Id: B-66M

Date	Lab Sample Id	Method	Carbon tetrachloride (ug/L)	Chloroform (ug/L)	1,1-Dichloro-ethane (ug/L)	1,1-Dichloro ethene (ug/L)	Methylene chloride (ug/L)	Trans-1,2-dichloro-ethene (ug/L)	Cis-1,2-dichloro-ethylene (ug/L)	1,1,1-Trichloro-ethane (ug/L)	Trichloro-ethene (TCE) (ug/L)	Tetrachloro-ethylene (PCE) (ug/L)	Vinyl chloride (ug/L)	Total (ug/L)
07/18/2002	A2732706	8021	ND	ND	ND	ND	ND	ND	ND	ND	5.2	ND	ND	5.2
08/05/2002	A2793608	8021	ND	0.35 J	ND	ND	ND	ND	ND	ND	2.6	ND	ND	2.95
10/07/2002	A2999202	8021	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
01/14/2003	A3043005	8021	ND	ND	ND	ND	ND	ND	0.38 J	ND	0.24 J	ND	ND	0.62
04/07/2003	A3320701	8021	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
07/03/2003	A3639704	8021	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
10/08/2003	A3978803	8021	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
01/07/2004	A4012311	8021	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
04/15/2004	A4337505	8021	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
06/28/2004	A4614505	8021	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
10/20/2004	A4A32108	8021	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
01/19/2005	A5050907	8260	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
04/04/2005	A5307802	8260	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
07/12/2005	A5725402	8260/5ML	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
07/13/2006	6G14009-01	8260	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
07/17/2007	7G18027-05	8260	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
07/17/2008	5418427	8260	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
07/08/2009	5719614	8260	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
07/19/2010	6036147	8260	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
07/26/2011	6357502	8260	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
07/10/2012	6716077	8260	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
07/10/2013	7123806	8260	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
07/11/2014	7531028	8260	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND

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To address the NYSDEC concerns regarding the presentation and plotting of nondetected 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.
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FORMER CARBORUNDUM FACILITY

WHEATFIELD, NEW YORK

Well Id: B-67M

Date	Lab Sample Id	Method	Carbon tetrachloride (ug/L)	Chloroform (ug/L)	1,1-Dichloro-ethane (ug/L)	1,1-Dichloro ethene (ug/L)	Methylene chloride (ug/L)	Trans-1,2-dichloro-ethene (ug/L)	Cis-1,2-dichloro-ethylene (ug/L)	1,1,1-Trichloro-ethane (ug/L)	Trichloro-ethene (TCE) (ug/L)	Tetrachloro-ethylene (PCE) (ug/L)	Vinyl chloride (ug/L)	Total (ug/L)
07/17/2002	A2732707	8021	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
08/05/2002	A2793613	8021	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
10/04/2002	A2986401	8021	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
01/14/2003	A3043006	8021	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
04/03/2003	A3315001	8021	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
07/03/2003	A3639705	8021	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
10/08/2003	A3978802	8021	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
01/07/2004	A4012310	8021	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
04/15/2004	A4337506	8021	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
06/28/2004	A4614506	8021	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
10/20/2004	A4A32109	8021	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
01/19/2005	A5050908	8260	ND	ND	ND	ND	ND	ND	ND	ND	0.35 J	ND	ND	0.35
04/04/2005	A5307801	8260	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
07/12/2005	A5725401	8260/5ML	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
07/13/2006	6G14009-02	8260	ND	ND	ND	ND	3	ND	ND	ND	ND	ND	ND	3
07/17/2007	7G18027-04	8260	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
07/17/2008	5418428	8260	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
07/08/2009	5719615	8260	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
07/19/2010	6036146	8260	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
07/26/2011	6357503	8260	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
07/10/2012	6716078	8260	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
07/10/2013	7123807	8260	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
07/11/2014	7531027	8260	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND

ND - Not detected, 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 nondetected values, the data for 2001 to 2004 has been reevaluated and interpreted as follows:

1) Nondetected concentrations have been represented as ND for reporting purposes.
2) Total VOCs have been recalculated and represented as the sum of the detected parameters shown on this table.
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FORMER CARBORUNDUM FACILITY

WHEATFIELD, NEW YORK

Well Id: DNAPL Sump

Date	Lab Sample Id	Method	Carbon tetrachloride (ug/L)	Chloroform (ug/L)	1,1-Dichloro-ethane (ug/L)	1,1-Dichloro ethene (ug/L)	Methylene chloride (ug/L)	Trans-1,2-dichloro-ethene (ug/L)	Cis-1,2-dichloro-ethylene (ug/L)	1,1,1-Trichloro-ethane (ug/L)	Trichloro-ethene (TCE) (ug/L)	Tetrachloro-ethylene (PCE) (ug/L)	Vinyl chloride (ug/L)	Total (ug/L)
04/25/2001	A1382102	8021	ND	ND	ND	ND	ND	ND	2300	ND	14000 D	ND	56	16356
07/12/2001	A1663804	8021	ND	ND	ND	ND	1.7 J	ND	120	ND	63	ND	2.5	187.2
01/25/2002	A2081502	8021	ND	ND	ND	13	1 J	15	4900 D	ND	1600 D	1.3	9.1	6539.4
04/19/2002	A2384301	8021	ND	ND	ND	ND	ND	ND	5900	ND	5000	ND	130	11030
07/16/2002	A2722915	8021	ND	ND	ND	ND	160	ND	3000	ND	5500	ND	240	8900
10/09/2002	A2A07506	8021	ND	ND	ND	ND	ND	ND	4400	ND	6600	ND	ND	11000
01/23/2003	A3075206	8021	ND	ND	ND	ND	ND	ND	2800	ND	16000	ND	ND	18800
04/10/2003	A3335401	8021	ND	ND	ND	ND	180	ND	2100	ND	2400	ND	190	4870
07/10/2003	A3654306	8021	ND	ND	ND	ND	ND	ND	1700	ND	3400	ND	110	5210

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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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FORMER CARBORUNDUM FACILITY

WHEATFIELD, NEW YORK

Well Id: P-2

Date	Lab Sample Id	Method	Carbon tetrachloride (ug/L)	Chloroform (ug/L)	1,1-Dichloro-ethane (ug/L)	1,1-Dichloro ethene (ug/L)	Methylene chloride (ug/L)	Trans-1,2-dichloro-ethene (ug/L)	Cis-1,2-dichloro-ethylene (ug/L)	1,1,1-Trichloro-ethane (ug/L)	Trichloro-ethene (TCE) (ug/L)	Tetrachloro-ethylene (PCE) (ug/L)	Vinyl chloride (ug/L)	Total (ug/L)
01/15/2001	A1041303	8021	ND	ND	ND	ND	ND	ND	74	ND	340	ND	ND	414
04/20/2001	A1366406	624	ND	ND	ND	ND	ND	ND	35	ND	320 D	ND	ND	355
07/13/2001	A1663813	8021	ND	ND	ND	ND	3.9	ND	39	ND	230	ND	ND	272.9
09/06/2001	A1858801	8021	ND	ND	ND	ND	110	ND	500	ND	4800	ND	ND	5410
10/15/2001	A1A17406	8021	ND	ND	ND	ND	58	ND	150	ND	3900	ND	ND	4108
01/24/2002	A2076711	8021	ND	ND	ND	ND	310	ND	740	560	8000	ND	ND	9610
04/19/2002	A2384302	8021	ND	ND	ND	ND	ND	ND	600	190	15000	ND	ND	15790
07/16/2002	A2722916	8021	ND	ND	ND	ND	610	ND	1500	1000	16000	ND	ND	19110
10/09/2002	A2A07507	8021	ND	ND	ND	ND	ND	ND	540	ND	12000	ND	ND	12540
04/09/2003	A3329402	8021	ND	ND	210	22	110	ND	390	1800	1200	ND	ND	3732
07/10/2003	A3654303	8021	ND	ND	ND	ND	ND	ND	860	400	7700	ND	ND	8960
10/13/2003	A3991301	8021	ND	ND	120	ND	100	ND	1200	870	7500	ND	ND	9790
01/07/2004	A4012402	8021	ND	ND	270	ND	ND	ND	1000	1800	7800	ND	120	10990
04/14/2004	A4331402	8021	ND	ND	180	ND	ND	ND	960	1800	9700	ND	ND	12640
07/07/2004	A4636803	8021	ND	ND	220	ND	ND	ND	1100	1100	12000	ND	ND	14420
10/08/2004	A4994502	8021	ND	ND	ND	ND	ND	ND	760	760	10000	ND	ND	11520
01/18/2005	A5051103	8260	ND	ND	ND	ND	ND	ND	860	1400	12000	ND	ND	14260
04/04/2005	A5307503	8260	ND	0.68 J	170 E	66 E	ND	7.7	810 E	1300 E	2500 E	1.9	20	4876.28
04/04/2005	A5307503DL	8260	ND	ND	ND	ND	ND	ND	580 D	1300 D	8200 D	ND	ND	10080
07/11/2005	A5724601	8260/5ML	ND	ND	70	ND	ND	ND	710	280	9200	ND	ND	10260
10/05/2005	A5B10701	8260	ND	ND	180	ND	ND	ND	530	1000	5400	ND	ND	7110
01/24/2006	A6089106	8260	ND	ND	170	ND	ND	ND	770	1200	8500	ND	ND	10640
04/12/2006	6D13005-04RE1	8260	ND	ND	124	24	11	7	638	1020	7800 D	ND	18	9642
07/11/2006	6G12005-03	8260	ND	ND	102	14	22	ND	621	411	6850 D	ND	13	8033
10/09/2006	6J10002-03	8260	ND	ND	146	23	ND	6	322	1130 D	2770 D	ND	12	4409
01/10/2007	7A11003-04	8260	ND	ND	135	17	12	ND	368	919	4950 D	ND	10	6411
04/03/2007	7D04039-01	8260	ND	ND	110	23	164	9	792	897	9730 D	ND	24	11749
07/05/2007	7G06018-04	8260	ND	ND	148	ND	ND	ND	10400	936	372	ND	ND	11856
10/10/2007	7J11002-01RE1	8260	ND	ND	36	ND	ND	ND	2190	50	3380	ND	80	5736
01/07/2008	8A08003-09	8260	ND	ND	86	ND	86	ND	629	722	524	ND	ND	2047
04/08/2008	8D09003-04	8260	ND	ND	102	15	ND	ND	1290	382	366	ND	90	2245
07/16/2008	5417447	8260	ND	ND	120	11 J	ND	6 J	2000	210	95	ND	390	2832
10/14/2008	5498678	8260	ND	ND	190	3.1 J	ND	5 J	1200	120	97	ND	21	1636.1
01/21/2009	5582428	8260	ND	ND	86	7.6	ND	5	920	100	280	ND	70	1468.6
04/16/2009	5649165	8260	ND	ND	190	31	ND	5.1	780	1100	260	ND	160	2526.1
07/13/2009	5722296	8260	ND	ND	82	19	ND	7.9 J	1700	350	420	ND	150	2728.9
10/07/2009	5800381	8260	ND	ND	460	62	ND	2.9 J	500	2800	250	ND	65	4139.9

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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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FORMER CARBORUNDUM FACILITY

WHEATFIELD, NEW YORK

Well Id: P-2

Date	Lab Sample Id	Method	Carbon tetrachloride (ug/L)	Chloroform (ug/L)	1,1-Dichloro-ethane (ug/L)	1,1-Dichloro ethene (ug/L)	Methylene chloride (ug/L)	Trans-1,2-dichloro-ethene (ug/L)	Cis-1,2-dichloro-ethylene (ug/L)	1,1,1-Trichloro-ethane (ug/L)	Trichloro-ethene (TCE) (ug/L)	Tetrachloro-ethylene (PCE) (ug/L)	Vinyl chloride (ug/L)	Total (ug/L)
01/26/2010	5893226	8260	ND	ND	270	39	ND	ND	490	2300	320	ND	39	3458
04/07/2010	5948423	8260	ND	0.98 J	270	81	ND	9.5	910	2200	2400	0.82 J	85	5957.3
07/21/2010	6039078	8260	ND	ND	180	31	ND	7.8 J	1100	1100	2300	ND	60	4778.8
10/12/2010	6109750	8260	ND	ND	580	88	ND	12 J	1700	4700	3400	ND	94	10574
01/24/2011	6190814	8260	ND	ND	280	47	ND	5.6 J	800	2100	1700	ND	31	4963.6
04/12/2011	6256723	8260	ND	ND	150	30	ND	7.6 J	1100	1100	5400	ND	41	7828.6
07/20/2011	6352280	8260	ND	ND	98	25	ND	11 J	1600	630	6000	ND	57	8421
10/12/2011	6435908	8260	ND	ND	210	41	ND	9.9 J	980	1600	3700	ND	42	6582.9
01/19/2012	6527711	8260	ND	ND	82	22	ND	2.4 J	500	560	1600	ND	5.7 J	2772.1
04/04/2012	6607024	8260	ND	ND	77	15	ND	4.1 J	710	560	2700	ND	20	4086.1
07/19/2012	6728260	8260	ND	ND	150	26	ND	10 J	1700	970	7800	ND	48	10704
10/04/2012	6814368	8260	ND	ND	ND	ND	ND	ND	2.7 J	5.7	75	ND	ND	83.4
01/24/2013	6934232	8260	ND	ND	ND	ND	ND	ND	12	2.6 J	36	ND	ND	50.6
04/04/2013	7011183	8260	ND	ND	81	22	ND	7.9 J	640	590	6300	ND	18	7658.9
07/11/2013	7125530	8260	ND	ND	77	21	ND	9.1	780	530	8700	1.3 J	44	10162.4
11/12/2013	7275078	8260	ND	ND	61	15 J	ND	4.7 J	530	390	4400	ND	18 J	5418.7
01/17/2014	7341390	8260	ND	ND	33	9.0	ND	2.5 J	260	260	2500	ND	3.0 J	3067.5
04/14/2014	7430456	8260	ND	ND	94	27	ND	4.7 J	490	790	4900	ND	6.2	6311.9
07/10/2014	7529502	8260	ND	ND	86	28	ND	6.2 J	720	700	6500	ND	24	8064.2
10/06/2014	7626647	8260	ND	ND	87	35	ND	6.3 J	750	550	6700	ND	34	8162.3
01/08/2015	7734020	8260	ND	ND	21	7.3	ND	4.7 J	590	120	4800	ND	8.5	5551.5
04/15/2015	7849427	8260	ND	0.68 J	81	28	ND	4.5	400	480	3200	1 J	16	4211.18

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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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FORMER CARBORUNDUM FACILITY

WHEATFIELD, NEW YORK

Well Id: P-3

Date	Lab Sample Id	Method	Carbon tetrachloride (ug/L)	Chloroform (ug/L)	1,1-Dichloro-ethane (ug/L)	1,1-Dichloro ethene (ug/L)	Methylene chloride (ug/L)	Trans-1,2-dichloro-ethene (ug/L)	Cis-1,2-dichloro-ethylene (ug/L)	1,1,1-Trichloro-ethane (ug/L)	Trichloro-ethene (TCE) (ug/L)	Tetrachloro-ethylene (PCE) (ug/L)	Vinyl chloride (ug/L)	Total (ug/L)
01/15/2001	A1041304	8021	ND	ND	ND	ND	ND	ND	2.4	ND	0.42 J	ND	ND	2.82
04/20/2001	A1366407	624	ND	ND	ND	ND	ND	ND	1.6	ND	1.5	ND	ND	3.1
07/11/2001	A1648715	8021	ND	ND	ND	ND	ND	ND	1.2	ND	0.38 J	ND	ND	1.58
10/16/2001	A1A17404	8021	ND	ND	ND	ND	ND	5.2	210	ND	69	ND	3.5	287.7
01/21/2002	A2066001	8021	ND	ND	ND	ND	ND	6.5	140	ND	ND	ND	ND	146.5
04/11/2002	A2348304	8021	ND	ND	ND	ND	ND	4.9	170	ND	ND	ND	8.4	183.3
07/12/2002	A2713910	8021	ND	ND	ND	ND	ND	5.8	120	ND	4	ND	3.5	133.3
10/08/2002	A2999305	8021	ND	ND	1.1	ND	ND	10	300	ND	4	ND	ND	315.1
04/09/2003	A3329502	8021	ND	ND	ND	ND	16	ND	52	ND	ND	ND	1.8	69.8
07/08/2003	A3649104	8021	ND	ND	ND	ND	3.8	6	230	ND	ND	ND	ND	239.8
10/13/2003	A3991407	8021	ND	ND	ND	ND	ND	8.2	230	ND	ND	ND	ND	238.2
01/09/2004	A4026203	8021	ND	ND	ND	ND	ND	3.1	110	ND	ND	ND	3.1	116.2
04/14/2004	A4331803	8021	ND	ND	ND	ND	ND	2.4	100	ND	4.3	ND	ND	106.7
07/06/2004	A4636509	8021	ND	ND	ND	2.5	ND	9.2	260 E	ND	3.1	ND	3	277.8
07/06/2004	A4636509DL	8021	ND	ND	ND	ND	5.4 DE	8.8 D	230 D	ND	ND	ND	ND	244.2
10/08/2004	A4994501	8021	ND	ND	ND	ND	ND	ND	200	ND	ND	ND	ND	200
01/12/2005	A5036201	8260	ND	ND	ND	ND	ND	2.8	98	ND	ND	ND	ND	100.8
04/04/2005	A5307703	8260	ND	ND	ND	ND	ND	3.2	110 E	ND	0.43 J	ND	1.9	115.53
04/04/2005	A5307703DL	8260	ND	ND	ND	ND	ND	2.1 D	90 D	ND	ND	ND	ND	92.1
07/08/2005	A5715301	8260/5ML	ND	ND	ND	ND	1.2 J	5.7	140	ND	ND	ND	ND	146.9
10/05/2005	A5B10603	8260	ND	ND	0.55 J	ND	ND	6	110 E	ND	0.69 J	ND	0.98 J	118.22
10/05/2005	A5B10603DL	8260	ND	ND	ND	ND	ND	5.9 D	120 D	ND	ND	ND	ND	125.9
01/24/2006	A6089110	8260	ND	ND	ND	ND	ND	2.2	69	ND	0.52 J	ND	1.1 J	72.82
04/12/2006	6D13005-01	8260	ND	ND	ND	ND	ND	2	63	ND	ND	ND	ND	65
07/11/2006	6G12005-04	8260	ND	ND	ND	ND	ND	5	123	ND	1	ND	ND	129
10/09/2006	6J10002-04	8260	ND	ND	ND	ND	ND	4	88	ND	1	ND	ND	93
01/09/2007	7A10006-01	8260	ND	ND	ND	ND	ND	1	49	ND	1	ND	ND	51
04/03/2007	7D04039-02	8260	ND	ND	ND	ND	25 B	1	42	ND	ND	ND	ND	68
07/05/2007	7G06018-06	8260	ND	ND	ND	ND	ND	3	85	ND	ND	ND	ND	88
10/10/2007	7J11002-09	8260	ND	ND	ND	ND	ND	3	61	ND	ND	ND	ND	64
01/07/2008	8A08003-07	8260	ND	ND	ND	ND	ND	1	25	ND	ND	ND	ND	26
04/08/2008	8D09003-02	8260	ND	ND	ND	ND	3 B	2	67	ND	ND	ND	ND	72
07/16/2008	5417454	8260	ND	ND	ND	ND	ND	3.6 J	92	ND	ND	ND	ND	95.6
10/14/2008	5498679	8260	ND	ND	ND	ND	ND	1.5 J	55	ND	ND	ND	ND	56.5
01/21/2009	5582429	8260	ND	ND	ND	ND	ND	1.3 J	33	ND	ND	ND	1.2 J	35.5
04/15/2009	5647723	8260	ND	ND	ND	ND	ND	1.6 J	46	ND	ND	ND	1.7 J	49.3
07/08/2009	5719622	8260	ND	ND	ND	ND	ND	5.4	120	ND	ND	ND	ND	125.4

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FORMER CARBORUNDUM FACILITY

WHEATFIELD, NEW YORK

Well Id: P-3

Date	Lab Sample Id	Method	Carbon tetrachloride (ug/L)	Chloroform (ug/L)	1,1-Dichloro-ethane (ug/L)	1,1-Dichloro ethene (ug/L)	Methylene chloride (ug/L)	Trans-1,2-dichloro-ethene (ug/L)	Cis-1,2-dichloro-ethylene (ug/L)	1,1,1-Trichloro-ethane (ug/L)	Trichloro-ethene (TCE) (ug/L)	Tetrachloro-ethylene (PCE) (ug/L)	Vinyl chloride (ug/L)	Total (ug/L)
10/05/2009	5797970	8260	ND	ND	ND	ND	ND	4 J	90	ND	ND	ND	ND	94
01/25/2010	5892347	8260	ND	ND	ND	ND	ND	2 J	60	ND	ND	ND	2.3 J	64.3
04/06/2010	5946898	8260	ND	ND	ND	ND	ND	2.5 J	90	ND	ND	ND	2.3 J	94.8
07/21/2010	6039076	8260	ND	ND	ND	ND	ND	5.4	100	ND	ND	ND	1.3 J	106.7
10/12/2010	6109756	8260	ND	ND	ND	ND	ND	2.7 J	110	ND	ND	ND	ND	112.7
01/26/2011	6192954	8260	ND	ND	ND	ND	ND	1.1 J	27	ND	ND	ND	1.4 J	29.5
04/12/2011	6256721	8260	ND	ND	ND	ND	ND	3 J	100	ND	1.1 J	ND	2 J	106.1
07/12/2011	6342651	8260	ND	ND	ND	ND	ND	4.8 J	110	ND	1 J	ND	ND	115.8
10/13/2011	6437683	8260	ND	ND	ND	ND	ND	3.4 J	97	ND	ND	ND	ND	100.4
01/17/2012	6524421	8260	ND	ND	ND	ND	ND	ND	29 J	ND	21 J	ND	ND	50
04/04/2012	6607022	8260	ND	ND	ND	ND	ND	1.3 J	38	ND	ND	ND	ND	39.3
07/16/2012	6722029	8260	ND	ND	ND	ND	ND	3.9 J	83	ND	1.2 J	ND	ND	88.1
10/04/2012	6814367	8260	ND	ND	ND	ND	ND	2.7 J	77	ND	ND	ND	ND	79.7
01/24/2013	6934233	8260	ND	ND	ND	ND	ND	1.1 J	32	ND	ND	ND	ND	33.1
04/03/2013	7010226	8260	ND	ND	ND	ND	ND	1.2 J	30	ND	ND	ND	1.6 J	32.8
07/08/2013	7120726	8260	ND	ND	ND	ND	ND	3.7 J	100	ND	2.2 J	ND	1.6 J	107.5
11/12/2013	7275080	8260	ND	ND	ND	ND	ND	ND	46	ND	ND	ND	2.6 J	48.6
01/16/2014	7340033	8260	ND	ND	ND	ND	ND	1.0 J	27	ND	ND	ND	ND	28
04/15/2014	7432587	8260	ND	ND	ND	ND	ND	2	71	ND	1.6	ND	0.94 J	75.54
07/08/2014	7526289	8260	ND	ND	ND	ND	ND	6.4	66	ND	1.2	ND	11	84.6
10/06/2014	7626650	8260	ND	ND	ND	ND	ND	4.8	50	ND	0.98 J	ND	7.6	63.38
01/08/2015	7734023	8260	ND	ND	ND	ND	ND	3.4	39	ND	0.77 J	ND	7.4	50.57
04/14/2015	7847242	8260	ND	ND	ND	ND	ND	3.4	45	ND	ND	ND	7.9	56.3

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FORMER CARBORUNDUM FACILITY

WHEATFIELD, NEW YORK

Well Id: P-4

Date	Lab Sample Id	Method	Carbon tetrachloride (ug/L)	Chloroform (ug/L)	1,1-Dichloro-ethane (ug/L)	1,1-Dichloro ethene (ug/L)	Methylene chloride (ug/L)	Trans-1,2-dichloro-ethene (ug/L)	Cis-1,2-dichloro-ethylene (ug/L)	1,1,1-Trichloro-ethane (ug/L)	Trichloro-ethene (TCE) (ug/L)	Tetrachloro-ethylene (PCE) (ug/L)	Vinyl chloride (ug/L)	Total (ug/L)
01/12/2001	A1035111	8021	ND	ND	ND	ND	1.8 J	0.66 J	18	ND	26	ND	2.6	49.06
04/19/2001	A1361311	624	ND	ND	ND	ND	ND	ND	2.9	0.23	9.6	ND	ND	12.73
07/11/2001	A1648714	8021	ND	ND	ND	ND	ND	0.23 J	18	ND	4.9	ND	ND	23.13
10/16/2001	A1A17403	8021	ND	ND	ND	ND	1.3 J	2	220	ND	42	ND	ND	265.3
01/21/2002	A2066002	8021	ND	ND	7.7	5.4	2.4 J	12	1600 D	3.8	490 D	ND	17	2138.3
04/11/2002	A2348305	8021	ND	ND	ND	ND	ND	ND	1000	ND	940	ND	ND	1940
07/12/2002	A2713911	8021	ND	ND	7.3	ND	ND	ND	1200	ND	360	ND	ND	1567.3
10/08/2002	A2999306	8021	ND	15	ND	ND	ND	ND	480	ND	140	ND	ND	635
04/09/2003	A3329503	8021	ND	ND	ND	ND	33	ND	510	ND	620	ND	ND	1163
07/08/2003	A3649106	8021	ND	ND	ND	ND	ND	ND	710	15	1000	ND	ND	1725
10/13/2003	A3991408	8021	ND	ND	23	ND	9.2	17	1700	25	920	ND	ND	2694.2
01/09/2004	A4026204	8021	ND	ND	26	ND	ND	14	1300	22	1400	ND	23	2785
04/14/2004	A4331804	8021	ND	ND	20	ND	ND	8	720	9.8	770	ND	15	1542.8
07/06/2004	A4636507	8021	ND	ND	40	ND	ND	ND	1300	31	1400	ND	49	2820
10/08/2004	A4994503	8021	ND	ND	31	ND	ND	ND	1100	ND	1200	ND	33	2364
01/12/2005	A5036202	8260	ND	ND	ND	ND	ND	ND	650	ND	1200	ND	43	1893
04/04/2005	A5307702	8260	ND	ND	13	ND	ND	ND	560	ND	870	ND	26	1469
07/11/2005	A5724701	8260/5ML	ND	ND	21	6.7	ND	12	830	8.2	880	ND	10	1767.9
10/05/2005	A5B10604	8260	ND	ND	33	9.3	ND	16	1200 E	20	1000 E	ND	ND	2278.3
10/05/2005	A5B10604DL	8260	ND	ND	30 D	ND	ND	15 D	1200 D	16 D	910 D	ND	ND	2171
01/23/2006	A6084706	8260	ND	ND	20	ND	ND	11	850	13	1500	ND	32	2426
04/12/2006	6D13005-02RE1	8260	ND	ND	15	ND	ND	8	583 D	10	998	ND	11	1625
07/11/2006	6G12005-05	8260	ND	ND	20	6	4	12	700 D	9	869 D	ND	ND	1620
10/09/2006	6J10002-05	8260	ND	ND	30	8	ND	16	1180 D	27	1100 D	ND	ND	2361
01/05/2007	7A05012-05	8260	ND	ND	23	6	2 B	11	734 D	20	2080 D	ND	26	2902
04/03/2007	7D04039-03	8260	ND	ND	7	3	ND	7	394 D	7	1190 D	ND	6	1614
07/05/2007	7G06018-07	8260	ND	ND	ND	ND	ND	ND	499	ND	579	ND	ND	1078
10/09/2007	7J10006-04	8260	ND	ND	9	ND	ND	8	570	ND	636	ND	ND	1223
01/07/2008	8A08003-06	8260	ND	ND	15	ND	22	10	689	8	601	ND	ND	1345
04/08/2008	8D09003-06	8260	ND	ND	12	ND	ND	7	431	13	1680 D	ND	ND	2143
07/16/2008	5417453	8260	ND	ND	9.6	3 J	ND	7	470	6.3	610	ND	ND	1105.9
10/14/2008	5498682	8260	ND	ND	8	1.7 J	ND	8	460	5.1	530	ND	ND	1012.8
01/14/2009	5577587	8260	ND	ND	24	7.9	ND	11	720	38	1200	ND	2 J	2002.9
04/14/2009	5646771	8260	ND	ND	12	3.5 J	ND	6.1 J	370	23	1600	ND	3.9 J	2018.5
07/09/2009	5720680	8260	ND	ND	6.6	2.3 J	ND	6.8	390	5.6	490	ND	ND	901.3
10/05/2009	5797961	8260	ND	ND	10	3.1 J	ND	6.7 J	560	9.2 J	780	ND	ND	1369
01/21/2010	5889956	8260	ND	ND	17 J	4.9 J	ND	8.8 J	460	32	2100	ND	ND	2622.7

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FORMER CARBORUNDUM FACILITY

WHEATFIELD, NEW YORK

Well Id: P-4

Date	Lab Sample Id	Method	Carbon tetrachloride (ug/L)	Chloroform (ug/L)	1,1-Dichloro-ethane (ug/L)	1,1-Dichloro ethene (ug/L)	Methylene chloride (ug/L)	Trans-1,2-dichloro-ethene (ug/L)	Cis-1,2-dichloro-ethylene (ug/L)	1,1,1-Trichloro-ethane (ug/L)	Trichloro-ethene (TCE) (ug/L)	Tetrachloro-ethylene (PCE) (ug/L)	Vinyl chloride (ug/L)	Total (ug/L)
04/06/2010	5946899	8260	ND	ND	9.5 J	2.8 J	ND	5.6 J	390	13	1600	ND	6.4 J	2027.3
07/13/2010	6031624	8260	ND	ND	6.9	3.4 J	ND	7.7	460	5.4	760	ND	ND	1243.4
10/12/2010	6109755	8260	ND	ND	6.5	1.6 J	ND	7.1	360	6.2	530	ND	ND	911.4
01/26/2011	6192955	8260	ND	ND	36	6.8 J	ND	11	790	14	1500	ND	3.8 J	2361.6
04/12/2011	6256718	8260	ND	ND	65	12	ND	14	1500	20	3700	1.7 J	27	5339.7
07/20/2011	6352288	8260	ND	ND	29	7.8 J	ND	10	750	7.8 J	1400	ND	ND	2204.6
10/11/2011	6434704	8260	ND	ND	25	5.8 J	ND	11	870	6.1 J	1200	ND	ND	2117.9
01/17/2012	6524420	8260	ND	ND	ND	ND	ND	1.1 J	35	ND	ND	ND	1.2 J	37.3
04/04/2012	6607020	8260	ND	ND	24	5.1 J	ND	6.7 J	530	8.6 J	1400	ND	7.6 J	1982
07/17/2012	6723838	8260	ND	ND	22	5.2	ND	11	580	6.2	890	ND	ND	1514.4
10/02/2012	6810734	8260	ND	ND	19	3.6 J	ND	9.2	580	4.9 J	850	ND	ND	1466.7
01/22/2013	6931414	8260	ND	ND	52	11	ND	10	620	42	2100	2.0 J	19	2856
04/03/2013	7010225	8260	ND	ND	40	7.1	ND	8.5	520	28	1900	1.9 J	11	2516.5
07/09/2013	7122573	8260	ND	ND	39	8.4 J	ND	7.8 J	700	18 J	2500	ND	16 J	3289.2
11/12/2013	7275081	8260	ND	ND	38	10	ND	9.5 J	750	16	2700	3.4 J	31	3557.9
01/16/2014	7340027	8260	ND	ND	10	4.1 J	ND	5.4	330	7.6	1500	1.7 J	4.9 J	1863.7
04/15/2014	7432586	8260	ND	ND	11	4.2	ND	5.7	330	6.5	1200	1.5	6.5	1565.4
07/08/2014	7526290	8260	ND	ND	7.1	3.2	ND	5.7	300	4.9	1100	1.9	2.8	1425.6
10/03/2014	7625312	8260	ND	0.60 J	6.5	3.4	ND	5.1	280	3.7	1000	1.1	2.7	1303.1
01/07/2015	7732751	8260	ND	2.5	14	4.3	ND	5.1	270	40	1300	0.90 J	0.90 J	1637.7
04/14/2015	7847241	8260	ND	0.87 J	14	3.8	ND	4.9	270	15	1300	1.3	0.87 J	1610.74

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FORMER CARBORUNDUM FACILITY

WHEATFIELD, NEW YORK

Well Id: PW-1

Date	Lab Sample Id	Method	Carbon tetrachloride (ug/L)	Chloroform (ug/L)	1,1-Dichloro-ethane (ug/L)	1,1-Dichloro ethene (ug/L)	Methylene chloride (ug/L)	Trans-1,2-dichloro-ethene (ug/L)	Cis-1,2-dichloro-ethylene (ug/L)	1,1,1-Trichloro-ethane (ug/L)	Trichloro-ethene (TCE) (ug/L)	Tetrachloro-ethylene (PCE) (ug/L)	Vinyl chloride (ug/L)	Total (ug/L)
01/12/2001	A1035112	8021	ND	ND	ND	ND	5.6	ND	71	ND	150	ND	ND	226.6
04/20/2001	A1366403	624	ND	ND	ND	ND	ND	2.4	84	ND	330 D	ND	1.9	418.3
07/11/2001	A1648702	8021	ND	ND	ND	ND	2.9	1.3	83	ND	140	ND	4.7	231.9
09/07/2001	A1863501	8021	ND	ND	ND	ND	38	ND	1500	ND	2500	ND	ND	4038
10/16/2001	A1A17402	8021	ND	ND	ND	ND	ND	ND	2700	ND	40000	ND	ND	42700
01/23/2002	A2076705	8021	ND	ND	ND	ND	1500	ND	880	ND	2000	ND	ND	4380
04/18/2002	A2378804	8021	ND	ND	ND	ND	23	ND	240	ND	1200	ND	ND	1463
07/16/2002	A2722914	8021	ND	ND	ND	ND	60	ND	520	ND	1800	ND	ND	2380
10/09/2002	A2A07508	8021	ND	ND	ND	ND	ND	ND	27000	ND	140000	ND	ND	167000
01/24/2003	A3075208	8021	ND	ND	ND	ND	ND	ND	920	ND	2100	ND	26	3046
04/09/2003	A3329403	8021	ND	ND	ND	ND	ND	ND	560	ND	1900	ND	ND	2460
07/10/2003	A3654305	8021	ND	ND	ND	ND	ND	ND	1200	ND	3800	ND	ND	5000
10/13/2003	A3991302	8021	ND	ND	ND	ND	ND	ND	1200	ND	3600	ND	ND	4800
01/09/2004	A4026101	8021	ND	ND	ND	ND	ND	18	380	ND	1300	ND	25	1723
04/14/2004	A4331403	8021	ND	ND	ND	ND	ND	ND	1400	ND	4500	ND	ND	5900
07/06/2004	A4636805	8021	ND	ND	ND	ND	ND	ND	540	ND	1600	ND	43	2183
10/07/2004	A4994204	8021	ND	ND	ND	ND	ND	ND	170	ND	130	ND	ND	300
01/12/2005	A5036101	8260	ND	ND	6.9	4.5	ND	6.1	900 E	5.5	2700 E	ND	ND	3623
01/12/2005	A5036101DL	8260							600 D		2400 D			3000
04/04/2005	A5307501	8260	ND	ND	1.2	0.61 J	ND	1.9	190 E	0.71 J	650 E	2	6.8	853.22
04/04/2005	A5307501DL	8260	ND	ND	ND	ND	ND	ND	350 D	ND	1500 BD	ND	ND	1850
07/11/2005	A5724602	8260/5ML	ND	ND	5.3	ND	ND	ND	410	ND	1100 E	ND	18	1533.3
07/11/2005	A5724602DL	8260/5ML	ND	ND	ND	ND	ND	ND	320 D	ND	870 D	ND	15 D	1205
10/05/2005	A5B10702	8260	ND	ND	ND	ND	ND	ND	390	11	1300	ND	13	1714
01/26/2006	A6102404	8260	ND	ND	2.3	0.69 J	ND	1.9	160 E	2.5	700 E	ND	2.4	869.79
01/26/2006	A6102404DL	8260	ND	ND	ND	ND	ND	ND	200 D	ND	900 D	ND	7.5 D	1107.5
04/13/2006	6D14002-07RE1	8260	ND	ND	2	ND	ND	2	146	ND	636 D	ND	6	792
07/11/2006	6G12005-01	8260	ND	ND	2	ND	4	2	143	2	449 D	ND	ND	602
10/09/2006	6J10002-02	8260	ND	ND	ND	ND	ND	2	114	ND	871 D	ND	3	990
01/09/2007	7A10006-02	8260	ND	ND	3	ND	ND	2	185	3	638 D	ND	7	838
04/03/2007	7D04039-04	8260	ND	ND	6	2	ND	3	302 D	6	1040 D	ND	20	1379
07/05/2007	7G06018-05RE1	8260	ND	ND	ND	ND	ND	ND	68	ND	235	ND	6	309
10/09/2007	7J10006-07	8260	ND	ND	4	ND	ND	3	304	ND	1090 D	ND	13	1414
01/07/2008	8A08003-08	8260	ND	ND	ND	ND	31	ND	84	ND	463	ND	ND	578
04/08/2008	8D09003-03	8260	ND	ND	12	ND	16 B	ND	455	7	1690 D	ND	31	2211
07/21/2008	5420903	8260	ND	ND	1.3 J	ND	ND	1.6 J	120	ND	1500	ND	7.5	1630.4
10/14/2008	5498687	8260	ND	ND	110 J	54 J	ND	60 J	10000	ND	41000	ND	180 J	51404

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FORMER CARBORUNDUM FACILITY

WHEATFIELD, NEW YORK

Well Id: PW-1

Date	Lab Sample Id	Method	Carbon tetrachloride (ug/L)	Chloroform (ug/L)	1,1-Dichloro-ethane (ug/L)	1,1-Dichloro ethene (ug/L)	Methylene chloride (ug/L)	Trans-1,2-dichloro-ethene (ug/L)	Cis-1,2-dichloro-ethylene (ug/L)	1,1,1-Trichloro-ethane (ug/L)	Trichloro-ethene (TCE) (ug/L)	Tetrachloro-ethylene (PCE) (ug/L)	Vinyl chloride (ug/L)	Total (ug/L)
01/13/2009	5576508	8260	ND	ND	18	5	ND	5.6	570	17	2100	ND	30	2745.6
04/15/2009	5647722	8260	ND	ND	11	2.8 J	ND	3.6 J	400	11	1300	ND	19	1747.4
07/07/2009	5718471	8260	ND	ND	1.6 J	ND	ND	1.6 J	110	1.1 J	430	ND	5.6	549.9
10/07/2009	5800383	8260	ND	ND	2.3 J	0.85 J	ND	1.9 J	160	2 J	470	ND	9.3	646.35
01/20/2010	5888923	8260	ND	ND	11	1.8 J	ND	2.6 J	340	11	1200	ND	11	1577.4
04/07/2010	5948422	8260	ND	ND	11	3.4 J	ND	3.6 J	370	7.2	1300	ND	24	1719.2
07/14/2010	6032689	8260	ND	ND	3 J	1.2 J	ND	2 J	180	2.1 J	470	ND	6.7	665
10/12/2010	6109752	8260	ND	ND	2.6 J	0.98 J	ND	2.8 J	290	ND	420	ND	4.7 J	721.08
01/25/2011	6191894	8260	ND	ND	8.2 J	3 J	ND	4 J	400	5.7 J	1800	ND	12 J	2232.9
04/12/2011	6256717	8260	ND	ND	3.2 J	1.4 J	ND	2.4 J	260	2.8 J	1400	ND	2.9 J	1672.7
07/13/2011	6343975	8260	ND	ND	10	4.3 J	ND	4.7 J	460	5.6	1700	ND	42	2226.6
10/12/2011	6435899	8260	ND	ND	1.8 J	ND	ND	2.1 J	120	ND	530	ND	6.7	660.6
01/16/2012	6523838	8260	ND	ND	8.6	2.4 J	ND	3.2 J	300	4.9 J	1400	ND	14	1733.1
04/04/2012	6607023	8260	ND	ND	8.9	3.0 J	ND	3.1 J	340	4.3 J	1400	ND	18	1777.3
07/18/2012	6726430	8260	ND	ND	ND	ND	ND	0.92 J	58	ND	210	ND	2.5 J	271.42
10/02/2012	6810729	8260	ND	ND	1.3 J	0.99 J	ND	2.0 J	230	1.1 J	860	ND	1.6 J	1096.99
01/22/2013	6931418	8260	ND	ND	4.4 J	1.6 J	ND	2.5 J	250	3.8 J	810	ND	12	1084.3
04/04/2013	7011182	8260	ND	ND	2.1 J	1.1 J	ND	1.7 J	220	1.5 J	610	ND	9.4	845.8
07/08/2013	7120731	8260	ND	ND	2.6 J	1.5 J	ND	2.0 J	260	1.1 J	660	ND	14	941.2
11/12/2013	7275070	8260	ND	ND	1.4 J	0.86 J	ND	1.4 J	180	ND	560	ND	8.5	752.16
01/16/2014	7340021	8260	ND	ND	32 J	10 J	ND	10 J	1700	12 J	4700	ND	66	6530
04/15/2014	7432588	8260	ND	ND	5.8	1.7	ND	1.8	240	1.9	710	0.72 J	9.4	971.32
07/11/2014	7531033	8260	ND	ND	4	1.8	ND	1.9	280	1.7	730	0.73 J	13	1033.13
10/06/2014	7626651	8260	ND	0.63 J	1.0	0.55 J	ND	0.83 J	83	ND	250	ND	3.9	339.91
01/07/2015	7732752	8260	ND	3.9	6.5	1.6	ND	1.9	260	6.1	680	0.80 J	10	970.8
04/15/2015	7849426	8260	ND	ND	55	15	ND	12	1500	31	4500	5.6	110	6228.6

ND - Not detected, 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 nondetected values, the data for 2001 to 2004 has been reevaluated and interpreted as follows:

1) Nondetected concentrations have been represented as ND 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.

FORMER CARBORUNDUM FACILITY

WHEATFIELD, NEW YORK

Well Id: PW-2

Date	Lab Sample Id	Method	Carbon tetrachloride (ug/L)	Chloroform (ug/L)	1,1-Dichloro-ethane (ug/L)	1,1-Dichloro ethene (ug/L)	Methylene chloride (ug/L)	Trans-1,2-dichloro-ethene (ug/L)	Cis-1,2-dichloro-ethylene (ug/L)	1,1,1-Trichloro-ethane (ug/L)	Trichloro-ethene (TCE) (ug/L)	Tetrachloro-ethylene (PCE) (ug/L)	Vinyl chloride (ug/L)	Total (ug/L)
01/15/2001	A1041301	8021	ND	ND	ND	ND	1.6 J	ND	24	ND	44	ND	ND	69.6
04/19/2001	A1361314	624	ND	ND	ND	ND	ND	ND	1.4	ND	17	ND	ND	18.4
07/13/2001	A1663811	8021	ND	1.5	ND	ND	5.3	ND	24	ND	88	ND	ND	118.8
10/15/2001	A1A17405	8021	ND	ND	ND	ND	ND	ND	370	ND	3700	ND	ND	4070
01/23/2002	A2076704	8021	ND	ND	ND	ND	2 J	ND	7.8	ND	55	ND	ND	64.8
04/18/2002	A2378805	8021	ND	ND	ND	ND	ND	ND	2.4	ND	17	ND	ND	19.4
07/16/2002	A2722913	8021	ND	ND	ND	ND	2.6	ND	16	ND	110	ND	ND	128.6
10/09/2002	A2A07509	8021	ND	ND	ND	ND	ND	ND	88	ND	640	ND	ND	728
01/23/2003	A3075205	8021	ND	ND	ND	ND	ND	ND	31	ND	270	ND	ND	301
04/09/2003	A3329401	8021	ND	ND	ND	ND	ND	ND	5	ND	85	ND	ND	90

ND - Not detected, 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 nondetected 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.

FORMER CARBORUNDUM FACILITY

WHEATFIELD, NEW YORK

Well Id: PW-3

Date	Lab Sample Id	Method	Carbon tetrachloride (ug/L)	Chloroform (ug/L)	1,1-Dichloro-ethane (ug/L)	1,1-Dichloro ethene (ug/L)	Methylene chloride (ug/L)	Trans-1,2-dichloro-ethene (ug/L)	Cis-1,2-dichloro-ethylene (ug/L)	1,1,1-Trichloro-ethane (ug/L)	Trichloro-ethene (TCE) (ug/L)	Tetrachloro-ethylene (PCE) (ug/L)	Vinyl chloride (ug/L)	Total (ug/L)
10/13/2003	A3991406	8021	ND	ND	ND	5	ND	4.8	840 D	ND	1500 D	2.8	40 D	2392.6
01/07/2004	A4012401	8021	ND	ND	ND	ND	ND	ND	490	ND	1800	ND	ND	2290
04/14/2004	A4331401	8021	ND	ND	ND	ND	ND	ND	460	ND	2400	ND	ND	2860
07/07/2004	A4636804	8021	ND	ND	ND	ND	ND	ND	440	ND	1300	20	36	1796
10/13/2004	A4A09404	8021	ND	ND	ND	3.1	ND	2.5	490 D	ND	1200 D	4.1	3.1	1702.8
01/12/2005	A5036105	8260	ND	ND	ND	ND	ND	ND	700	ND	4000 E	ND	ND	4700
01/12/2005	A5036105DL	8260							460 D		2200 D			2660
04/04/2005	A5307502	8260	ND	ND	ND	2	ND	3.8	570 E	ND	1800 E	35	4.9	2415.7
04/04/2005	A5307502DL	8260	ND	ND	ND	ND	ND	ND	500 D	ND	3700 BD	ND	ND	4200
07/11/2005	A5724603	8260/5ML	ND	ND	ND	ND	ND	ND	1400	ND	3200	ND	36	4636
10/05/2005	A5B10703	8260	ND	ND	ND	ND	ND	ND	800	ND	1500	ND	ND	2300
01/24/2006	A6089105	8260	ND	ND	ND	ND	ND	ND	450	ND	3100 E	18	ND	3568
01/24/2006	A6089105DL	8260	ND	ND	ND	ND	ND	ND	520 D	ND	3700 D	23 D	ND	4243
04/13/2006	6D14002-06RE1	8260	ND	ND	ND	ND	ND	1	298 D	ND	946 D	10	4	1259
07/11/2006	6G12005-02	8260	ND	ND	ND	5	3	5	1150 D	ND	3150 D	8	5	4326
10/09/2006	6J10002-06	8260	ND	ND	ND	4	ND	6	1550 D	ND	4620 D	3	4	6187
01/09/2007	7A10006-05	8260	ND	ND	ND	ND	39	ND	437	ND	1940 D	21	ND	2437
04/03/2007	7D04039-05	8260	ND	ND	ND	2	ND	3	540 D	ND	2250 D	18	9	2822
07/05/2007	7G06018-02	8260	ND	ND	ND	ND	ND	ND	1320	ND	3120	ND	61	4501
10/09/2007	7J10006-06	8260	ND	ND	ND	ND	ND	ND	1400	ND	4220 D	ND	ND	5620
01/07/2008	8A08003-04RE1	8260	ND	ND	ND	ND	ND	ND	849	ND	362	ND	24	1235
04/08/2008	8D09003-05	8260	ND	ND	ND	ND	35 B	12	2910 D	ND	2120 D	ND	154	5231
07/16/2008	5417446	8260	ND	ND	ND	8	ND	5.2	770	ND	630	ND	130	1543.2
10/14/2008	5498677	8260	ND	ND	ND	10 J	ND	6.4 J	1000	ND	1400	ND	31	2447.4
01/15/2009	5578620	8260	ND	ND	ND	3.2 J	ND	2.7 J	630	ND	2000	ND	48	2683.9
04/13/2009	5647718	8260	ND	ND	ND	4.5 J	ND	ND	730	ND	2200	ND	50	2984.5
07/07/2009	5718469	8260	ND	ND	ND	19 J	ND	15 J	2600	ND	5000	ND	17 J	7651
10/06/2009	5799011	8260	ND	ND	ND	11 J	ND	8.6 J	1700	ND	5500	ND	8 J	7227.6
01/25/2010	5892346	8260	ND	ND	ND	ND	ND	ND	1400	ND	6300	ND	49 J	7749
04/06/2010	5946901	8260	ND	ND	ND	4.3 J	ND	5.1 J	940	ND	4300	ND	40	5289.4
07/21/2010	6039079	8260	ND	ND	ND	28	ND	20 J	2500	ND	4000	ND	13 J	6561
10/12/2010	6109759	8260	ND	ND	ND	8.5 J	ND	6.8 J	1400	ND	3100	ND	7 J	4522.3
01/24/2011	6190813	8260	ND	ND	ND	4.5 J	ND	4.2 J	970	ND	3400	ND	22 J	4400.7
04/12/2011	6256722	8260	ND	ND	ND	3 J	ND	4.3 J	560	ND	2600	1.8 J	ND	3169.1
07/18/2011	6348763	8260	ND	ND	ND	8.7 J	ND	6.9 J	1300	ND	3100	ND	26	4441.6
10/12/2011	6435906	8260	ND	ND	ND	7.2 J	ND	6.9 J	1100	ND	2900	ND	ND	4014.1
01/19/2012	6527712	8260	ND	ND	ND	2.3 J	ND	2.7 J	500	ND	2000	ND	2.3 J	2507.3

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To address the NYSDEC concerns regarding the presentation and plotting of nondetected values, the data for 2001 to 2004 has been reevaluated and interpreted as follows:

1) Nondetected concentrations have been represented as ND for reporting purposes.
2) Total VOCs have been recalculated and represented as the sum of the detected parameters shown on this table.
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FORMER CARBORUNDUM FACILITY

WHEATFIELD, NEW YORK

Well Id: PW-3

Date	Lab Sample Id	Method	Carbon tetrachloride (ug/L)	Chloroform (ug/L)	1,1-Dichloro-ethane (ug/L)	1,1-Dichloro ethene (ug/L)	Methylene chloride (ug/L)	Trans-1,2-dichloro-ethene (ug/L)	Cis-1,2-dichloro-ethylene (ug/L)	1,1,1-Trichloro-ethane (ug/L)	Trichloro-ethene (TCE) (ug/L)	Tetrachloro-ethylene (PCE) (ug/L)	Vinyl chloride (ug/L)	Total (ug/L)
04/04/2012	6607030	8260	ND	ND	ND	3.0 J	ND	3.4 J	570	ND	2700	ND	3.9 J	3280.3
07/10/2012	6716080	8260	ND	ND	ND	9.5	ND	8.2	1400	ND	2900	2.4 J	4.1 J	4324.2
10/04/2012	6814362	8260	ND	ND	ND	3.2 J	ND	2.7 J	510	ND	760	3.2 J	7.5	1286.6
01/24/2013	6934231	8260	ND	ND	ND	ND	ND	1.1 J	160	ND	740	4.1 J	1.4 J	906.6
04/02/2013	7007578	8260	ND	ND	ND	0.81 J	ND	1.1 J	170	ND	510	8.2	1.7 J	691.81
07/02/2013	7117031	8260	ND	ND	ND	ND	ND	ND	120	ND	410	5.1	2.7 J	537.8
11/11/2013	7273098	8260	ND	2.4 J	ND	1.0 J	ND	1.3 J	200	ND	740	4.3 J	1.9 J	950.9
01/17/2014	7341386	8260	ND	5.8	ND	ND	ND	1.4 J	170	ND	800	2.9 J	ND	980.1
04/14/2014	7430458	8260	ND	8.5	ND	ND	ND	0.65 J	64	ND	430	4.2	ND	507.35
07/09/2014	7527875	8260	ND	15	ND	ND	ND	ND	37	ND	260	7	ND	319
10/06/2014	7626649	8260	ND	4.4	ND	ND	ND	ND	46	ND	160	3.4	ND	213.8
01/06/2015	7731159	8260	ND	7.0	ND	ND	ND	ND	43	ND	260	2.4	ND	312.4
04/15/2015	7849425	8260	ND	2.4	ND	ND	ND	0.75 J	81	ND	560	16	ND	660.15

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FORMER CARBORUNDUM FACILITY

WHEATFIELD, NEW YORK

Well Id: PW-4

Date	Lab Sample Id	Method	Carbon tetrachloride (ug/L)	Chloroform (ug/L)	1,1-Dichloro-ethane (ug/L)	1,1-Dichloro ethene (ug/L)	Methylene chloride (ug/L)	Trans-1,2-dichloro-ethene (ug/L)	Cis-1,2-dichloro-ethylene (ug/L)	1,1,1-Trichloro-ethane (ug/L)	Trichloro-ethene (TCE) (ug/L)	Tetrachloro-ethylene (PCE) (ug/L)	Vinyl chloride (ug/L)	Total (ug/L)
01/21/2009	5582430	8260	ND	ND	ND	ND	ND	ND	8.4	ND	55	ND	ND	63.4
04/16/2009	5649166	8260	ND	ND	ND	ND	ND	ND	2.7 J	ND	21	ND	ND	23.7
07/13/2009	5722294	8260	ND	ND	ND	ND	ND	ND	62	ND	350	ND	1.4 J	413.4
10/06/2009	5799007	8260	ND	ND	1.2 J	ND	ND	ND	62	6.3	480	ND	1.5 J	551
01/26/2010	5893225	8260	ND	ND	ND	ND	ND	ND	2.4 J	ND	29	ND	ND	31.4
04/07/2010	5948424	8260	ND	ND	ND	ND	ND	ND	3.1 J	ND	26	ND	ND	29.1
07/21/2010	6039077	8260	ND	ND	ND	ND	ND	ND	44	ND	320	ND	ND	364
10/12/2010	6109760	8260	ND	ND	50	4.4 J	ND	4 J	1000	27	59	ND	150	1294.4
01/24/2011	6190812	8260	ND	ND	ND	ND	ND	ND	16	ND	140	ND	ND	156
04/12/2011	6256725	8260	ND	ND	ND	ND	ND	ND	2.5 J	ND	26	ND	ND	28.5
07/20/2011	6352279	8260	ND	ND	ND	ND	ND	ND	13	ND	110	ND	ND	123
10/12/2011	6435907	8260	ND	ND	ND	ND	ND	0.93 J	59	ND	480	ND	ND	539.93
01/19/2012	6527713	8260	ND	ND	ND	ND	ND	ND	1.8 J	ND	23	ND	ND	24.8
04/04/2012	6607025	8260	ND	ND	ND	ND	ND	ND	3.7 J	ND	29	ND	ND	32.7
07/19/2012	6728261	8260	ND	ND	ND	ND	ND	ND	22	ND	260	ND	ND	282
10/04/2012	6814369	8260	ND	ND	40	11	ND	11	2200	14	380	ND	310	2966
01/24/2013	6934235	8260	ND	ND	ND	ND	ND	ND	36	ND	38	ND	2.3 J	76.3
04/02/2013	7007577	8260	ND	ND	ND	ND	ND	ND	4.0 J	ND	41	ND	ND	45
07/11/2013	7125531	8260	ND	ND	1.2 J	ND	ND	ND	44	1.5 J	2.0 J	ND	3.0 J	51.7
11/12/2013	7275079	8260	ND	ND	ND	ND	ND	ND	17	ND	5.5	ND	1.3 J	23.8
01/17/2014	7341391	8260	ND	ND	ND	ND	ND	ND	2.3 J	ND	19	ND	ND	21.3
04/14/2014	7430457	8260	ND	ND	ND	ND	ND	ND	1.7	ND	16	ND	ND	17.7
07/10/2014	7529503	8260	ND	2.9	ND	ND	ND	ND	1.3	ND	6.9	ND	ND	11.1
10/06/2014	7626648	8260	ND	ND	ND	ND	ND	ND	1.8	ND	3.7	ND	ND	5.5
01/08/2015	7734022	8260	ND	8.6	ND	ND	ND	ND	10	ND	82	ND	ND	100.6
04/14/2015	7847240	8260	ND	0.7 J	ND	ND	ND	ND	1.7	ND	19	ND	ND	21.4

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FORMER CARBORUNDUM FACILITY

WHEATFIELD, NEW YORK

Well Id: **Quarry Pond**

Date	Lab Sample Id	Method	Carbon tetrachloride (ug/L)	Chloroform (ug/L)	1,1-Dichloro-ethane (ug/L)	1,1-Dichloro ethene (ug/L)	Methylene chloride (ug/L)	Trans-1,2-dichloro-ethene (ug/L)	Cis-1,2-dichloro-ethylene (ug/L)	1,1,1-Trichloro-ethane (ug/L)	Trichloro-ethene (TCE) (ug/L)	Tetrachloro-ethylene (PCE) (ug/L)	Vinyl chloride (ug/L)	Total (ug/L)
04/24/2001	A1375203	8021	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
10/19/2001	A1A28803	8021	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
04/12/2002	A2351701	8021	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
07/11/2002	A2708312	8021	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
10/07/2002	A2999206	8021	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
04/08/2003	A3329703	8021	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
10/10/2003	A3983803	8021	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
04/13/2004	A4331503	8021	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
10/26/2004	A4A60301	8021	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
04/05/2005	A5317607	8260	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
10/06/2005	A5B19701	8260	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
04/13/2006	6D14002-04	8260	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
10/10/2006	6J11002-10	8260	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
04/04/2007	7D05011-06	8260	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
10/11/2007	7J12012-06	8260	ND	ND	ND	ND	2	ND	ND	ND	ND	ND	ND	2
04/16/2008	8D16026-02	8260	ND	ND	ND	ND	3 B	ND	ND	ND	ND	ND	ND	3
10/14/2008	5498681	8260	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
04/20/2009	5651168	8260	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
10/06/2009	5799014	8260	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
04/07/2010	5948421	8260	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
10/19/2010	6116889	8260	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
04/14/2011	6259037	8260	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
10/10/2011	6433656	8260	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
04/04/2012	6607029	8260	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
10/03/2012	6812012	8260	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
04/09/2013	7016205	8260	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
11/14/2013	7278194	8260	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
04/14/2014	7430448	8260	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
10/02/2014	7623658	8260	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
04/15/2015	7849421	8260	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND

ND - Not detected, 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 nondetected values, the data for 2001 to 2004 has been reevaluated and interpreted as follows:

1) Nondetected concentrations have been represented as ND 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.

FORMER CARBORUNDUM FACILITY

WHEATFIELD, NEW YORK

Well Id: T-002

Date	Lab Sample Id	Method	Carbon tetrachloride (ug/L)	Chloroform (ug/L)	1,1-Dichloro-ethane (ug/L)	1,1-Dichloro ethene (ug/L)	Methylene chloride (ug/L)	Trans-1,2-dichloro-ethene (ug/L)	Cis-1,2-dichloro-ethylene (ug/L)	1,1,1-Trichloro-ethane (ug/L)	Trichloro-ethene (TCE) (ug/L)	Tetrachloro-ethylene (PCE) (ug/L)	Vinyl chloride (ug/L)	Total (ug/L)
01/23/2013	6932569	8260	ND	ND	74	11	ND	4.8 J	580	440	1400	8.0	21	2538.8
04/08/2013	7015034	8260	ND	ND	46	ND	ND	1.4 J	300	5.3	780	3.9 J	30	1166.6
07/11/2013	7125537	8260	ND	ND	18 J	ND	ND	ND	300	ND	580	ND	15 J	913
11/12/2013	7275082	8260	ND	ND	24	3.2 J	ND	3.2 J	640	54	530	4.5 J	65	1323.9
01/20/2014	7342584	8260	ND	ND	32	5.0 J	ND	3.7 J	970	88	540	4.2 J	84	1726.9
04/15/2014	7432589	8260	ND	ND	14	2.4	ND	2.3	440	23	450	3.8	38	973.5
07/15/2014	7534321	8260	ND	ND	6.7	1.3	ND	2.1	320	3.7	600	3.3	29	966.1
10/02/2014	7623671	8260	ND	ND	2.2	1.6	ND	3.3	280	4.9	1400	5.9	1.2	1699.1
01/06/2015	7731165	8260	ND	0.57 J	19	2.4	ND	2.7	290	31	820	9.3	52	1226.97
04/15/2015	7849428	8260	ND	0.52 J	9.1	1.7	ND	2.5	360	11	960	8	22	1374.82

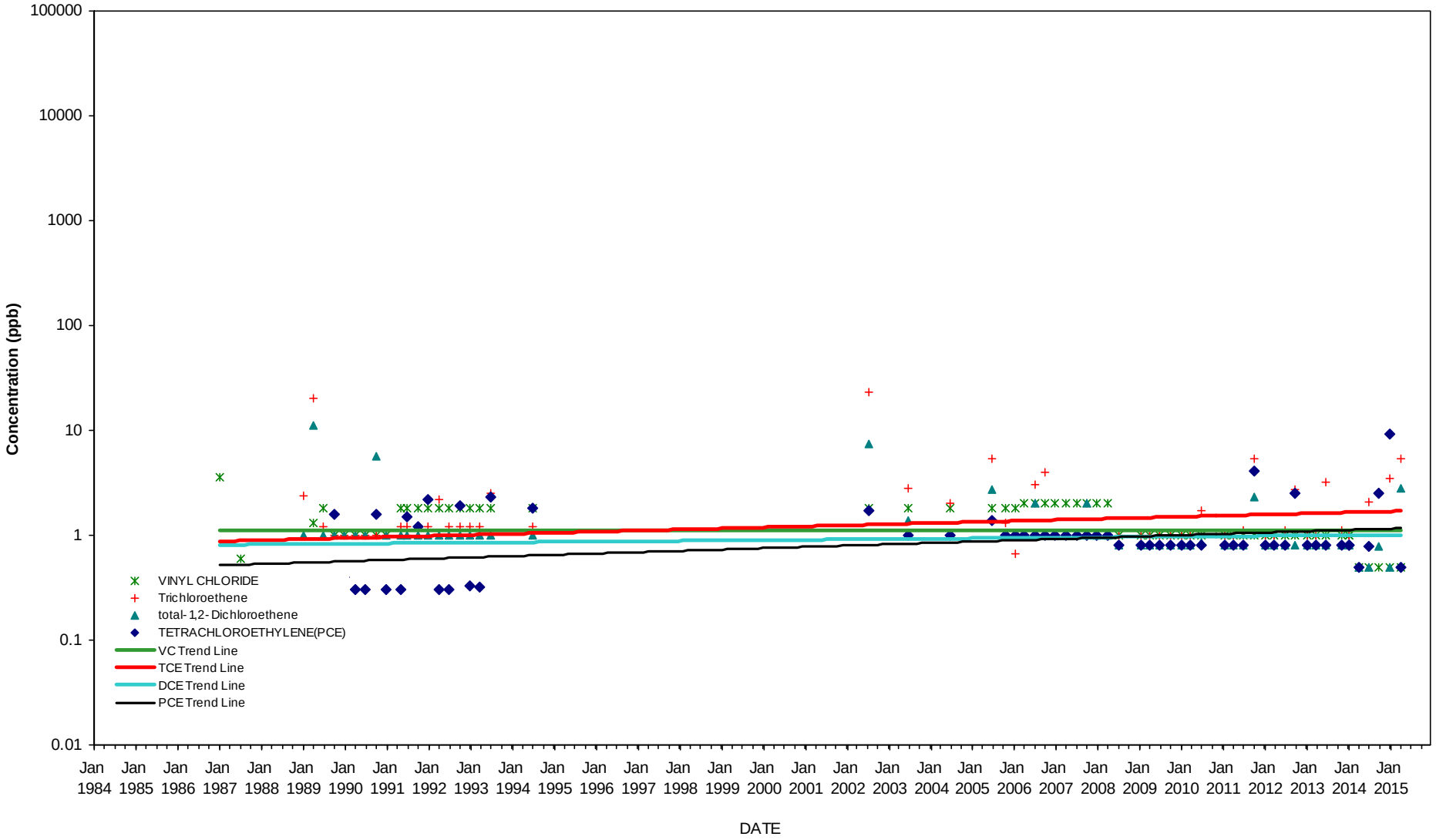
ND - Not detected, indicates parameter was analyzed for, but not detected at or above the reporting limit.

To address the NYSDEC concerns regarding the presentation and plotting of nondetected values, the data for 2001 to 2004 has been reevaluated and interpreted as follows:

1) Nondetected concentrations have been represented as ND 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.

TREND ANALYSIS

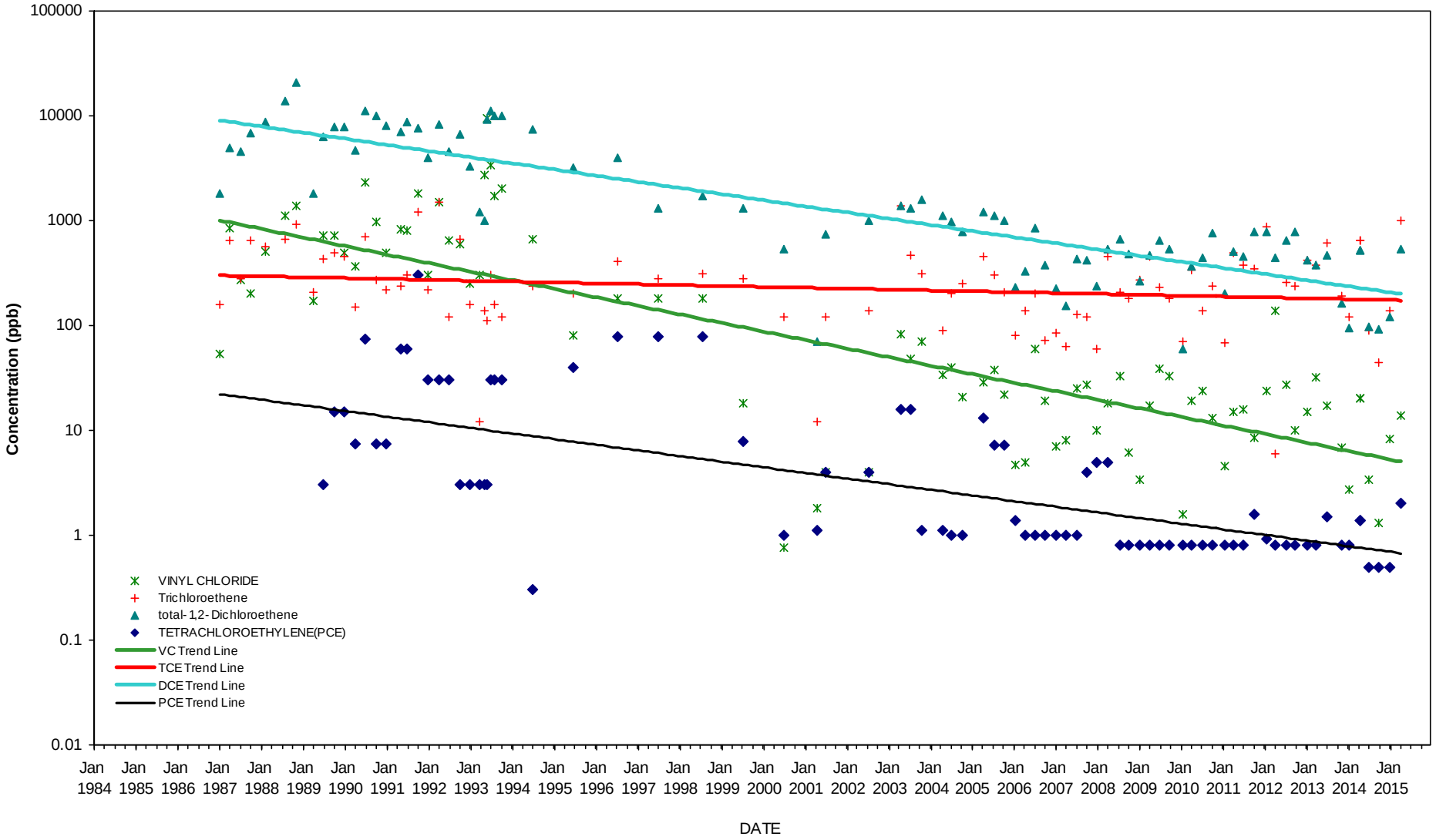
WELL B- 9M



PARSONS

TREND ANALYSIS

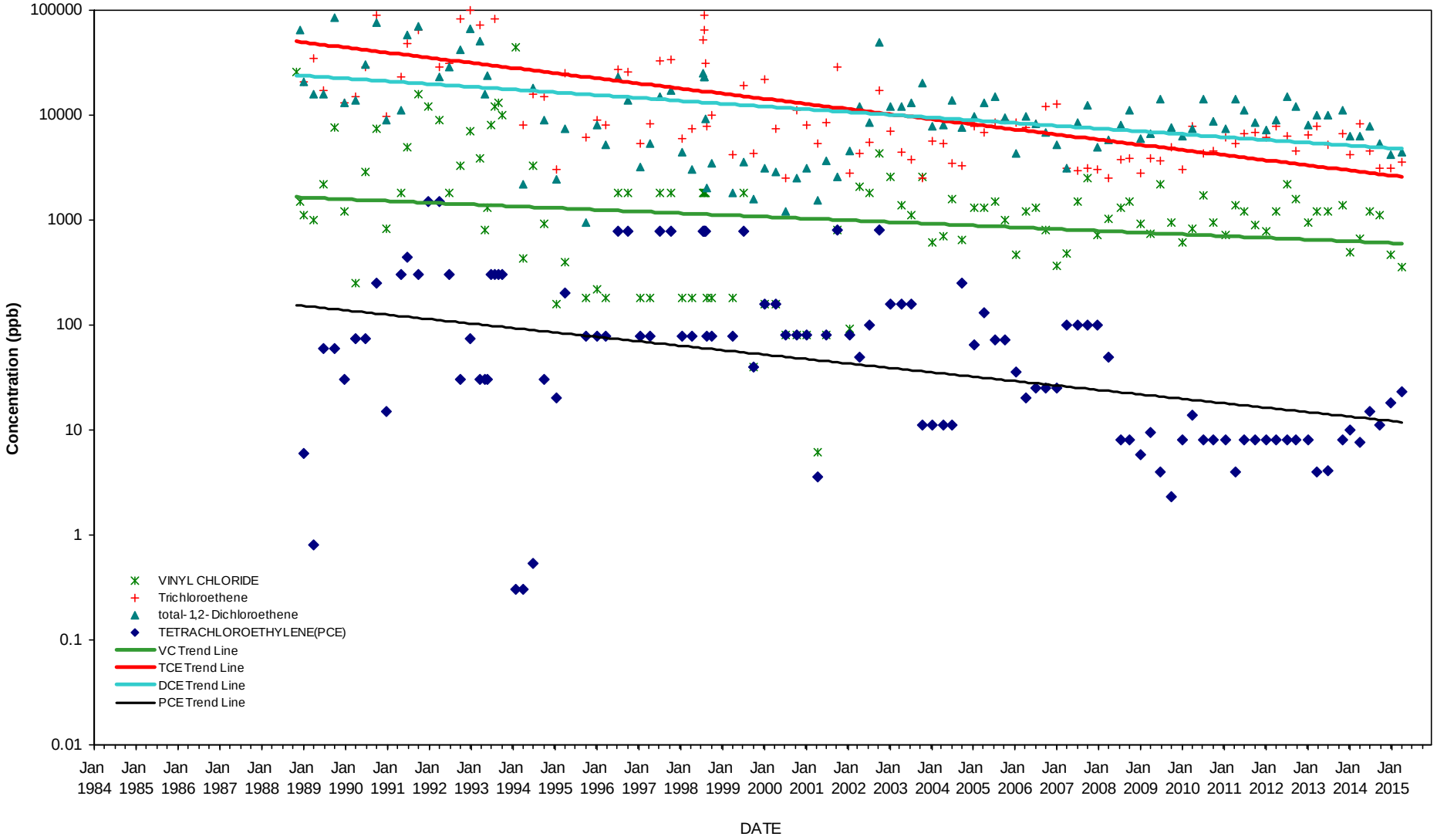
WELL B-13M



PARSONS

TREND ANALYSIS

WELL B-17M



PARSONS

TREND ANALYSIS

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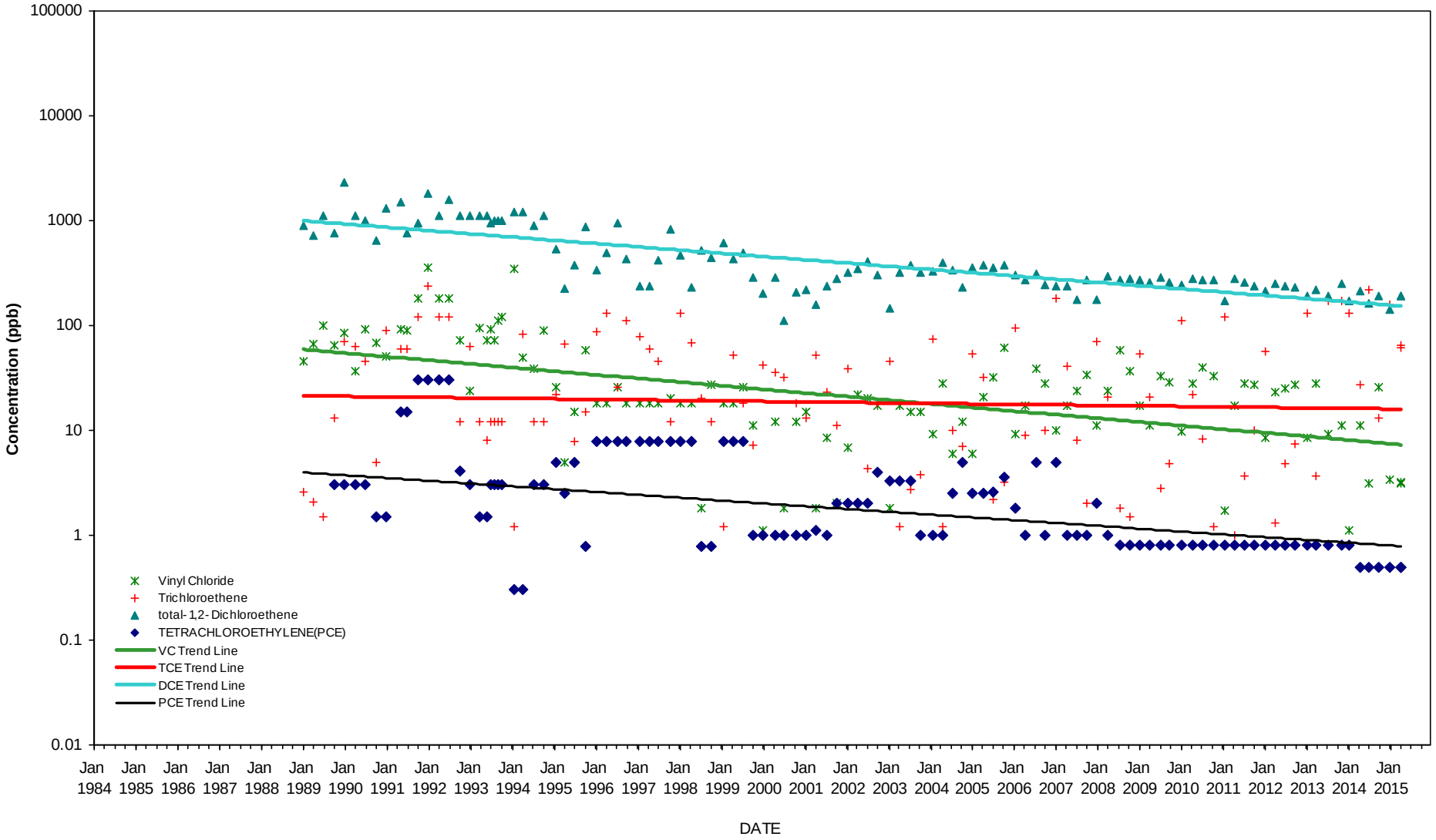
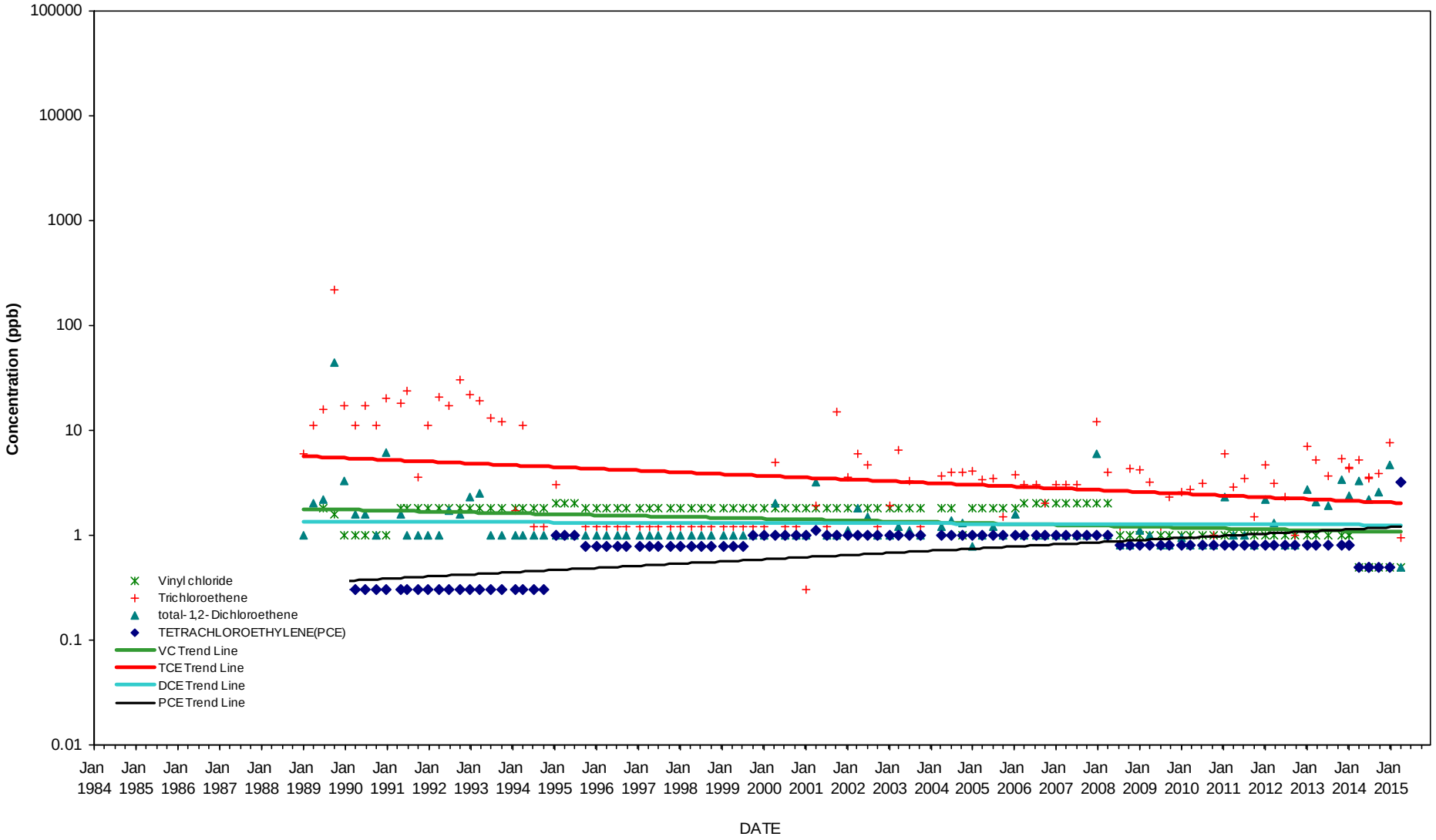


TREND ANALYSIS

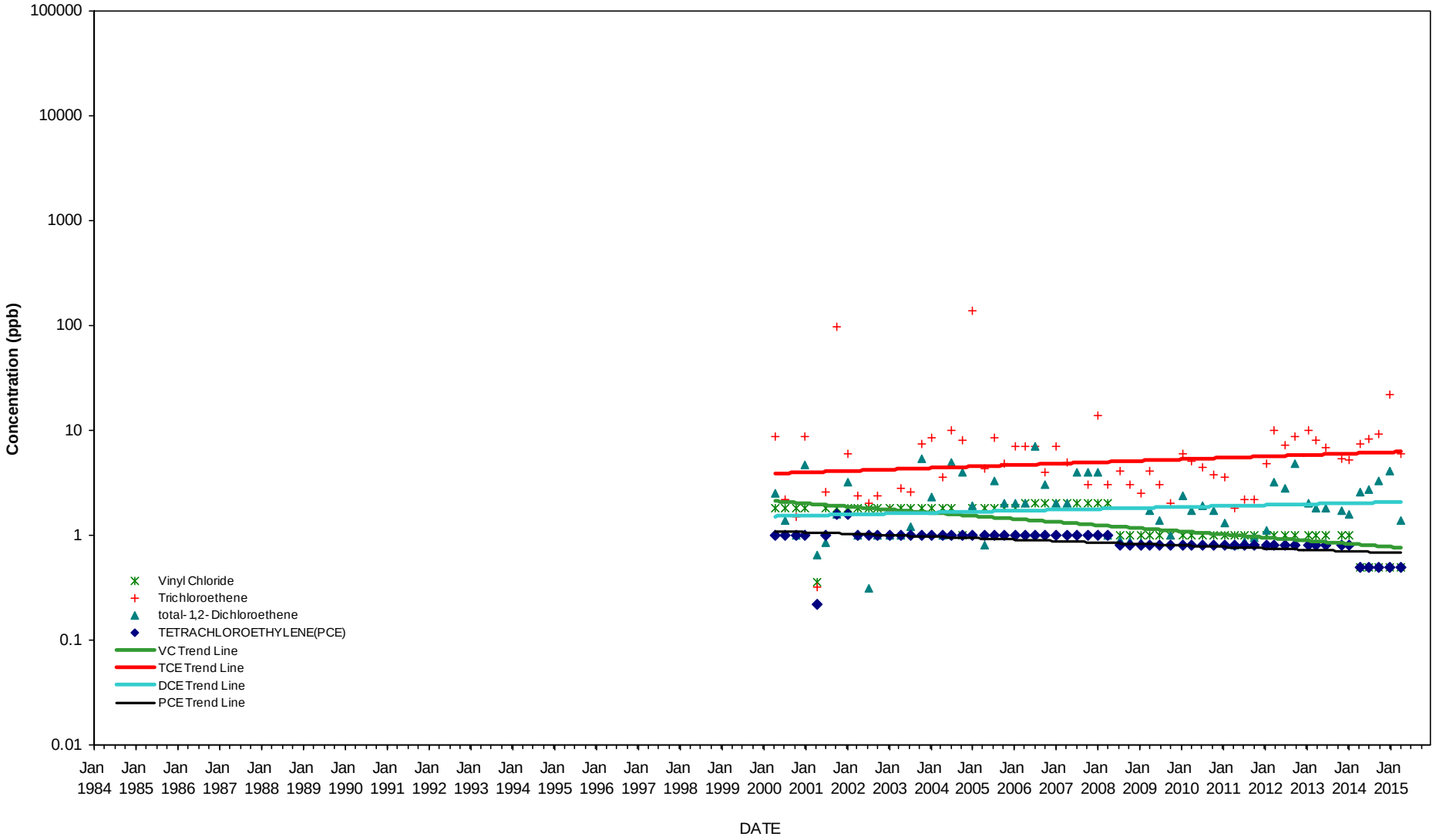
WELL B-24M



PARSONS

TREND ANALYSIS

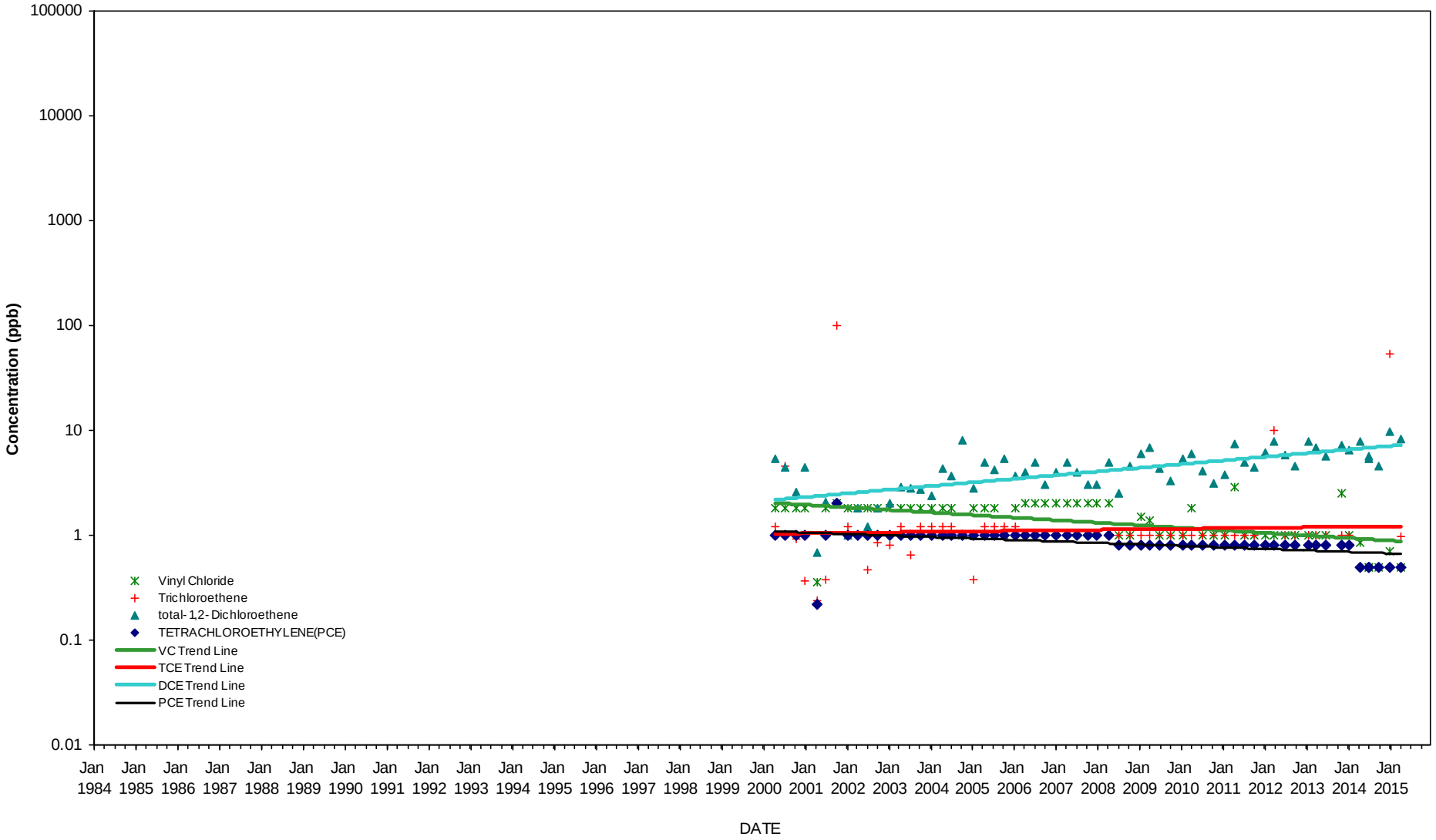
WELL B-39M



PARSONS

TREND ANALYSIS

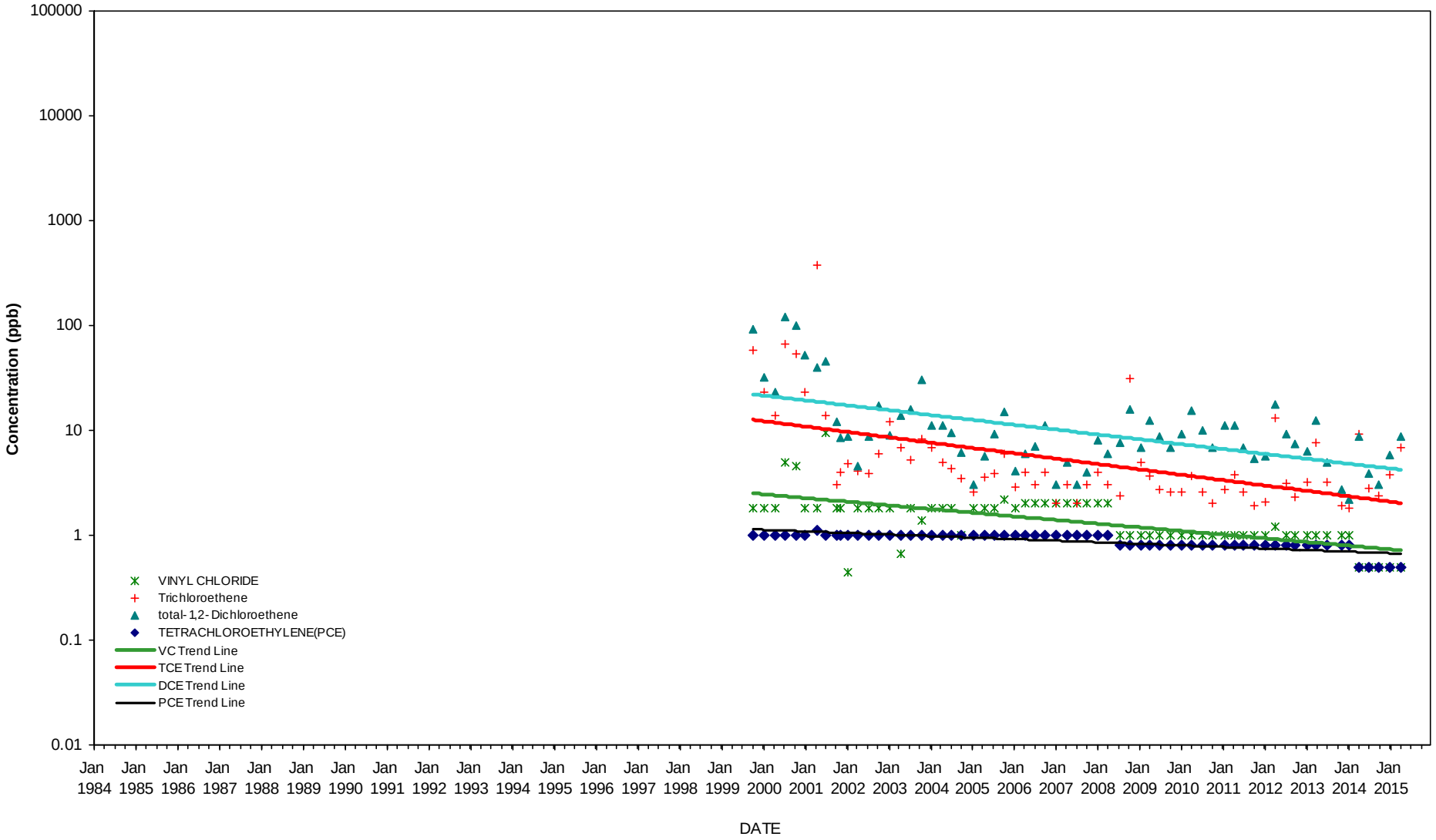
WELL B-41M



PARSONS

TREND ANALYSIS

WELL B-42M

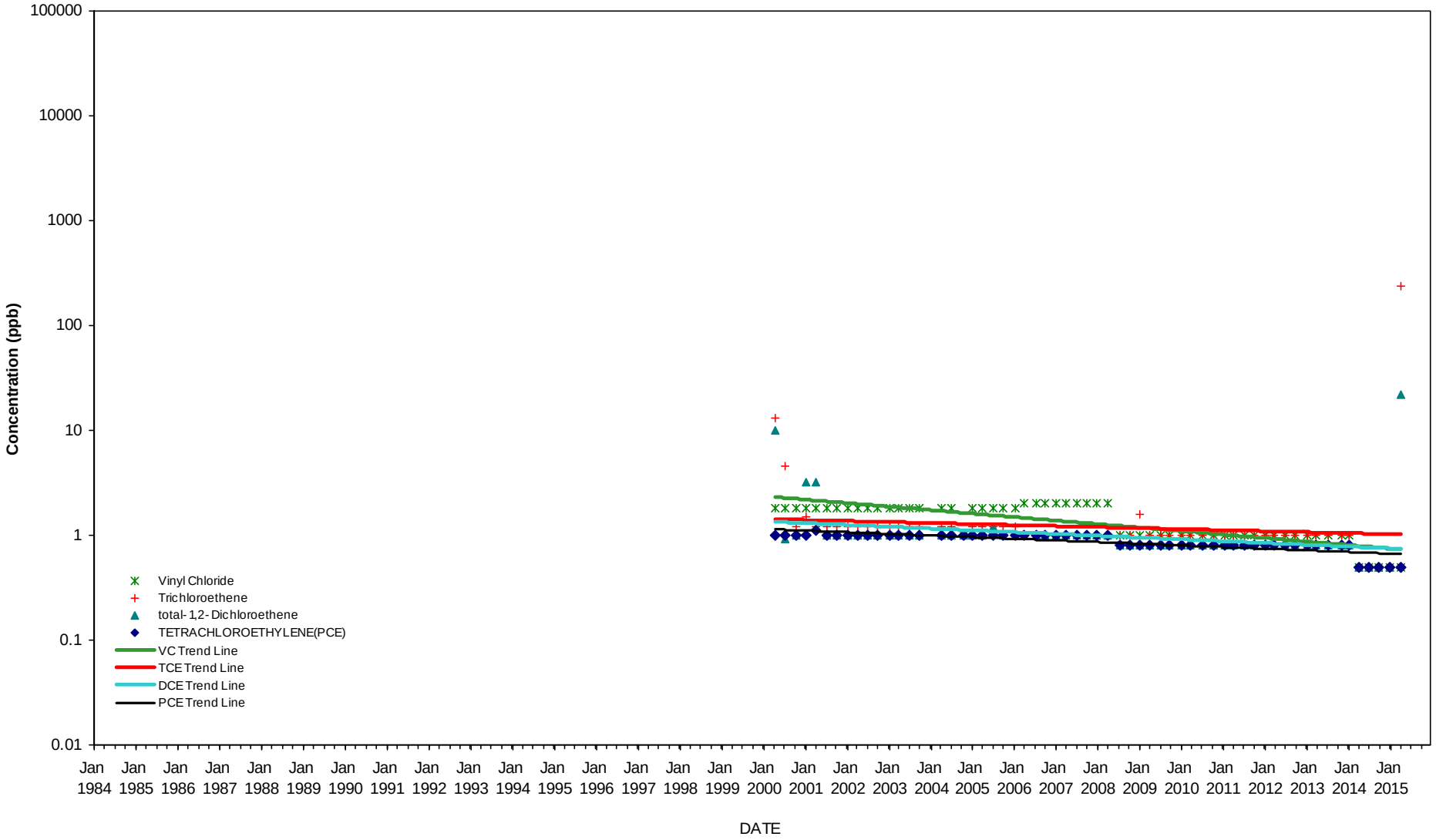


PARSONS

FORMER CARBORUNDUM FACILITY **WHEATFIELD, NEW YORK**

TREND ANALYSIS

WELL B-57M



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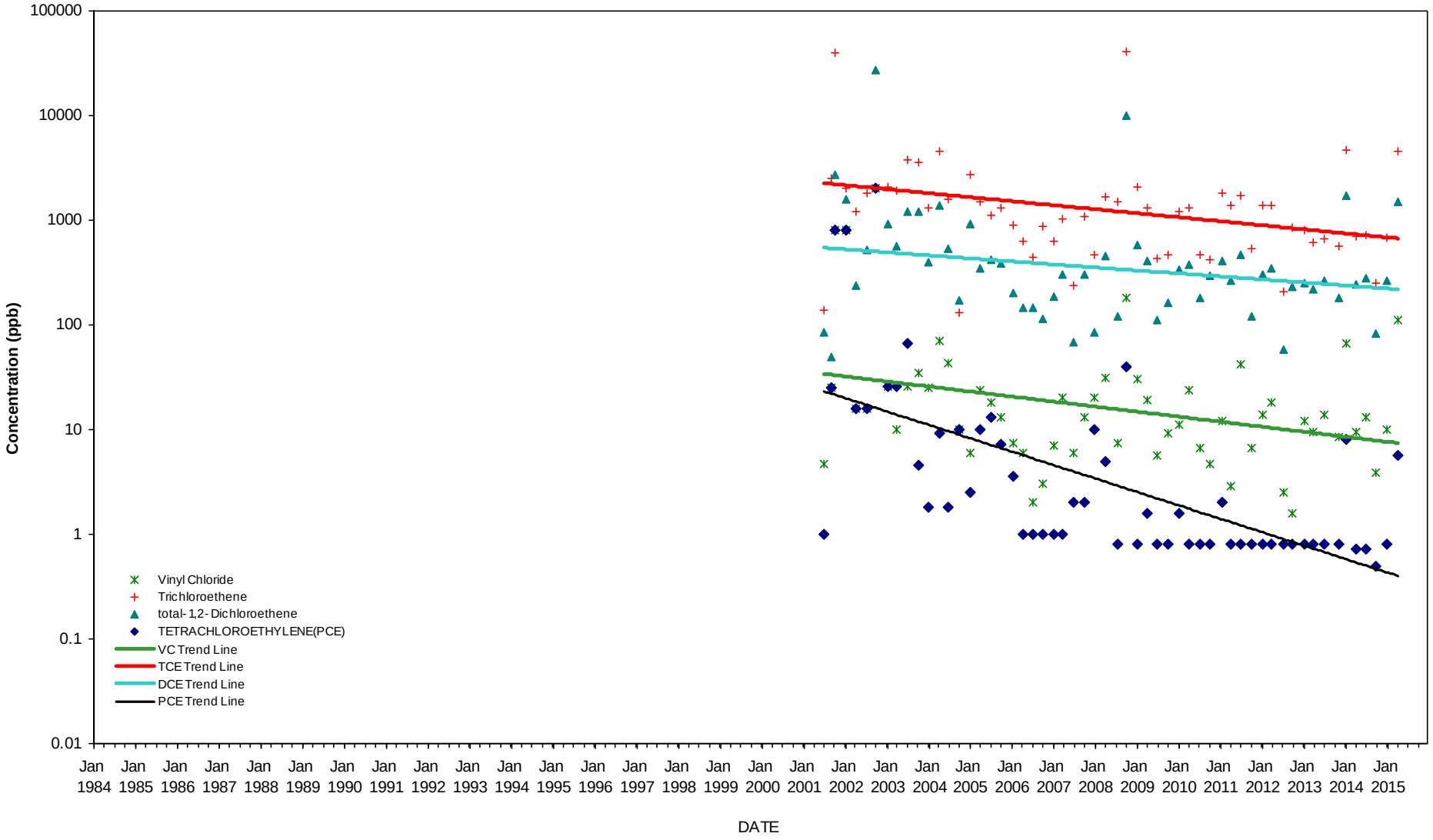
FORMER CARBORUNDUM FACILITY

WHEATFIELD, NEW YORK

TREND ANALYSIS

WELL PW-1



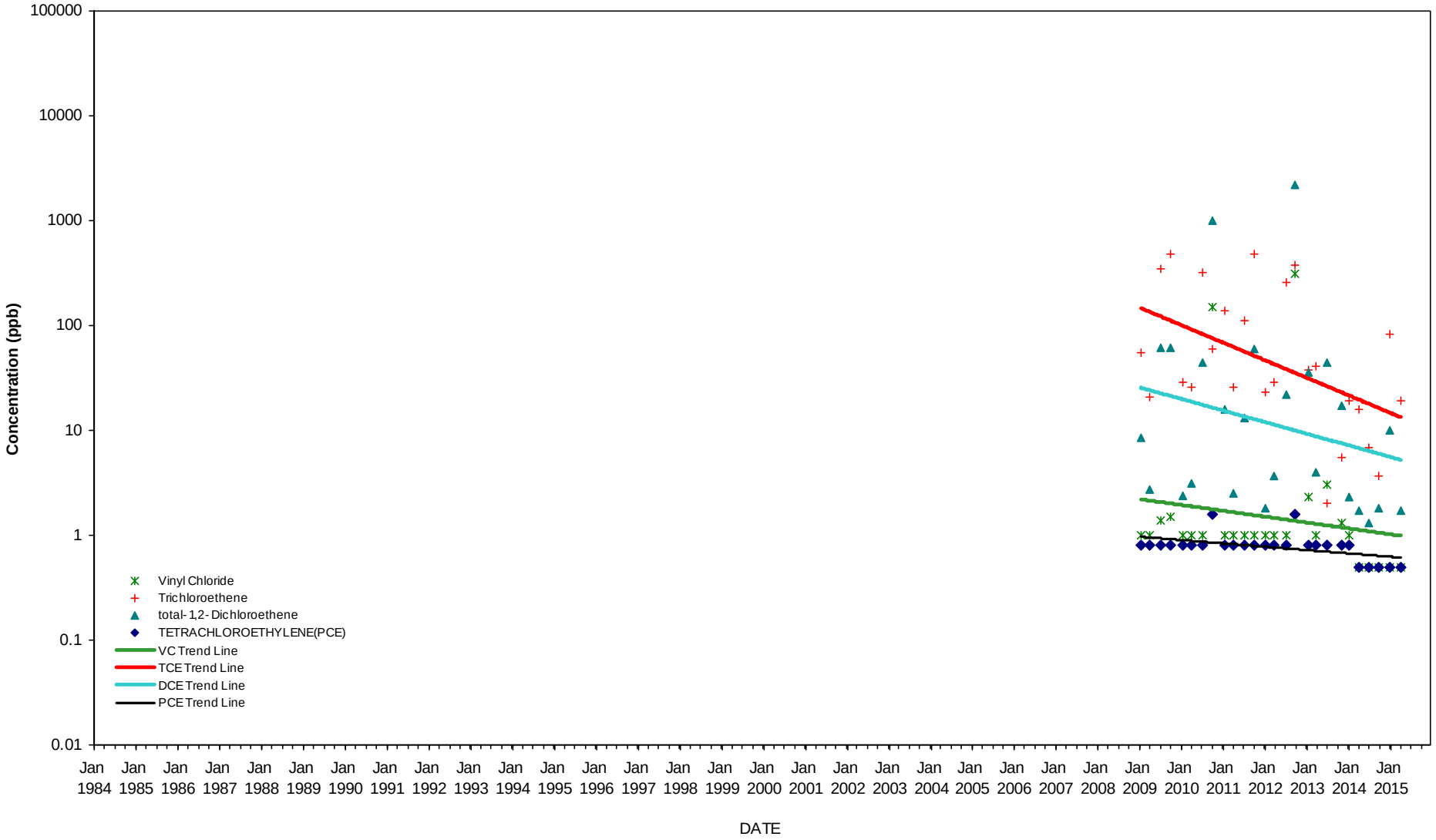
PARSONS

FORMER CARBORUNDUM FACILITY

WHEATFIELD, NEW YORK

TREND ANALYSIS

WELL PW-4



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