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May 9, 2013

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

RE: First Quarter 2013 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 First Quarter 2013 Monitoring Report for the former Carborundum facility in Wheatfield, New York (Site). The report covers activities at the Site from January 1, 2013 through March 31, 2013. The CD enclosed at the end of the report contains an electronic copy of the report in PDF format. 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: W. Barber – ARC
M. Forcucci - NYSDOH
G. Litwin – NYSDOH
E. Fulwell – NCCC
K. Scott – Metaullics
R. Locey - NYSDEC
G. Rider – NYSDEC
J. Devauld – NCDOH
D.Taylor - Parsons

FIRST QUARTER 2013 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

4850 East 49th Street
MBC 3-147
Cuyahoga Heights, Ohio 44125

Prepared by:

PARSONS

40 LA RIVIERE DRIVE, SUITE 350

BUFFALO, NEW YORK 14202

May 2013

First Quarter 2013 Monitoring Report For:

GROUNDWATER REMEDIATION PROGRAM
AT THE
FORMER CARBORUNDUM FACILITY

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

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Environmental Conservation
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May 2013

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FIRST QUARTER 2013 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 scheduled for January, April, July, and October. This report presents the results of the January 2013 groundwater sampling event and provides a summary of the OM&M activities completed between January 1 and March 31, 2013.

The January 2013 groundwater sampling event included static water level measurements prior to purging and the collection of groundwater samples from 54 monitoring wells and six recovery wells in accordance with the NYSDEC-approved (October 2005, amended 2009) sampling program. All samples were submitted to Eurofins/Lancaster Laboratories, Inc., a New York State Department of Health certified laboratory, for volatile organic compound (VOC) 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. Analytical results for Zones 2, 3, 4, and 5 are shown in Figure 4.

WATER LEVEL MEASUREMENTS

On January 16, 2013, water levels were measured in 59 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 January 2013 are shown in Figures 5 and 6. 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 January 17 and January 24, 2013. 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), medium impacted (medium), and most impacted (high). To the extent practical, the wells in the low group were sampled first, followed by wells in the medium group, and lastly, wells in the high group.

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.

Monitoring wells were purged with a decontaminated pump, dedicated high density polyethylene (HDPE) bailer, or the sampling port on the pumping well (see Table 2 for purging method used for each well). During purging, field parameters (pH, specific conductivity, temperature, and turbidity) were measured and recorded. 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 from the monitoring well. Monitoring well samples were analyzed for VOCs only.

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.

LABORATORY ANALYSIS AND RESULTS

Groundwater samples collected during the January 2013 sampling event were submitted to the laboratory for VOC analysis using Method 8260B. 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 chemical analytical 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 a summary of the analytical results for the past four sampling events, including the current First Quarter 2013 event, plotted on a Site map. The sample results have been incorporated into the project water quality database. A historical summary (January 2001 through March 2013) is provided in Appendix C.

Results for the first quarter 2013 groundwater sampling were generally consistent with previous results. Comments are noted below for wells where trends are being evaluated. These wells include B-8M, B-13M, B-19M, B-56M, P-2, P-4, and PW-3. Time series plots showing the historical and current analytical data for the wells noted below have been included in Appendix C.

- B-8M: This well was discussed in the periodic review report. The January 2013 and October 2012 sampling results for 1,1, DCE, trans-DCE, PCE and VC have returned to within the normally observed range. These compounds were elevated during the July 2012 sampling event. Specifically, 1,1-DCE, trans-DCE, and PCE were not

detected during either the October 2012 or January 2013 sampling events. VC dropped to 100 ug/L in October 2012, and was not detected in the January 2013 event.

- B-13M: The 1,1-DCA concentration in January 2013 was 30 ug/L and 1,1,1-TCA was 5.5 ug/L. The 1,1-DCA result is the second highest concentration observed at this location, and 1,1,1-TCA was the highest observed concentration. All other compounds and total VOCs were within the ranges normally observed.

- B-19M: The well was discussed in the periodic review report. The January 2013 analytical result for cis-DCE (0.81 ug/L) was the lowest historically observed. This resulted in the total VOC concentration for January 2013 to also be the lowest observed.

- B-56M: In January 2013, the total 1,2-DCE level (15 ug/L) returned to the typically observed range. An elevated level of total 1,2-DCE of 201.7 ug/L was observed at this location in October 2012.

- Recovery well P-2 was taken out of service due to potential impacts from furfural. P2 was out of service for 20.6 weeks and was off during the January sampling event. Therefore, the concentrations in this well may be biased due to a change in the sampling method from the sample port on the well to a bailer.

- At recovery well P-4, two VOCs, 1,1,1-TCA (42 ug/L) and PCE (2.0 ug/L), were at the highest level observed in January 2013. Three other compounds, 1,1-DCA (52 ug/L), 1,1-DCE (11 ug/L), and TCE (2,100 ug/L), were the second highest observed here.

- At recovery well PW-3, total VOCs (907 ug/L) and cis-DCE (160 ug/L) observed in January 2013 appear to be anomalously low. Total VOC concentrations typically range from 1,200 to 6,200 ug/L, and cis-DCE concentrations typically range from 400 to 2,900 ug/L.

Limited data validation was performed on the analytical results. 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 high level alarm at Vault 1. Cleared discharge lines;

- Completed electrical maintenance including cleaning and testing the primary and secondary side breakers in the main transformer, repaired the latching mechanism in the enclosure, and tested and cleaned the main MCC disconnect;

- Responded to an alarm for P-805A failure to start. Reset the circuit breaker;

- Flushed clog out of Vault 1 piping;

- Replaced pump in Vault 1;

- Removed virus from plant computer; and

- Responded to Vault 3 high alarm and cleared the pump discharge line.

Recovery wells PW-4 and P-2 were temporarily turned off (September 7, 2012 and September 20, 2012 respectively) due to an odor identified in the water from the wells. An investigation was completed that identified the probable source of the odor as furfural. Once furfural was identified as the likely source of the odor recovery well P-2 was turned back on February 11, 2013. A 12-week furfural monitoring program commenced February 13, 2013. The monitoring program was designed to:

1. Characterize the presence, concentration, and mass loading of furfural in both the Vault Water Collection and the Groundwater Extraction systems.
2. Assess the capability of the existing water treatment system (which includes shallow-tray air stripping and activated carbon adsorption) to treat furfural in terms of both treatment efficiency and effluent concentration.

EFFLUENT AND PERMIT COMPLIANCE ISSUES

During the reporting period, approximately 3.1 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 23.9 gallons per minute (gpm) during the reporting period. The total extracted mass of VOCs during the first quarter of 2013 was 7.2 pounds. The extracted mass was estimated using individual well pumping rates and analytical results.

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.

Table 5 provides the GRS performance summary for the quarter. The GRS uptime (hours during quarter that the GRS was operational/total hours during quarter) for the quarter was 75 percent. The lower uptime during the first quarter was caused by the shutdown of PW-4 and P-2

in September 2012 due to the furfural odor. Pumping well P-2 resumed operation on February 11, 2013.

SUMMARY AND CONCLUSIONS

- Groundwater concentrations are consistent with recent data, with the exception of the comments provided for B-8M, B-13M, B-19M, B-56M, P-2, P-4, and PW-3.

- Groundwater elevations and flow paths were consistent with historical patterns.

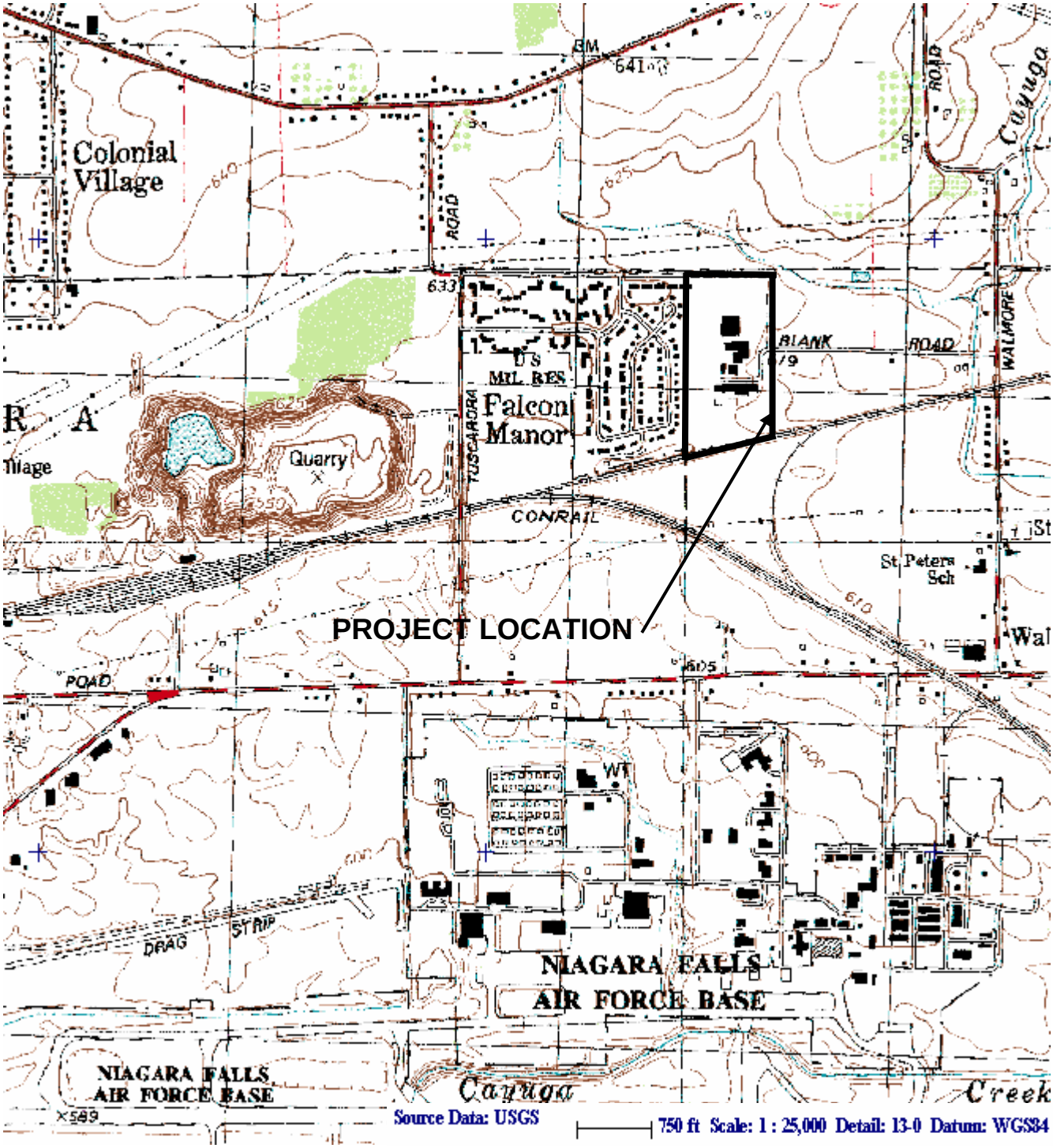
- Based on the data review described in this report, the laboratory analytical data are considered valid for their intended use.

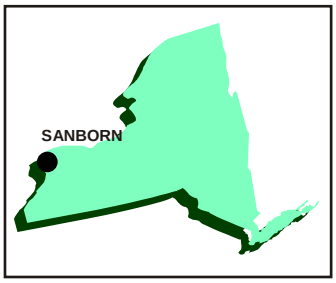
- Monthly DMRs were provided to NYSDEC. The discharge data were within the compliance parameters for each monthly reporting period.

- 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 75 percent.

- Review of the furfural monitoring data collected to date shows that furfural was detected in less than half the samples at one location in the treatment system. The data collected to date also show that furfural is below detection at all of the downstream sampling locations in the process. NYSDEC approved ending the monitoring program at 8-weeks based on these results.

FIGURES





New York
Quadrangle

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

N

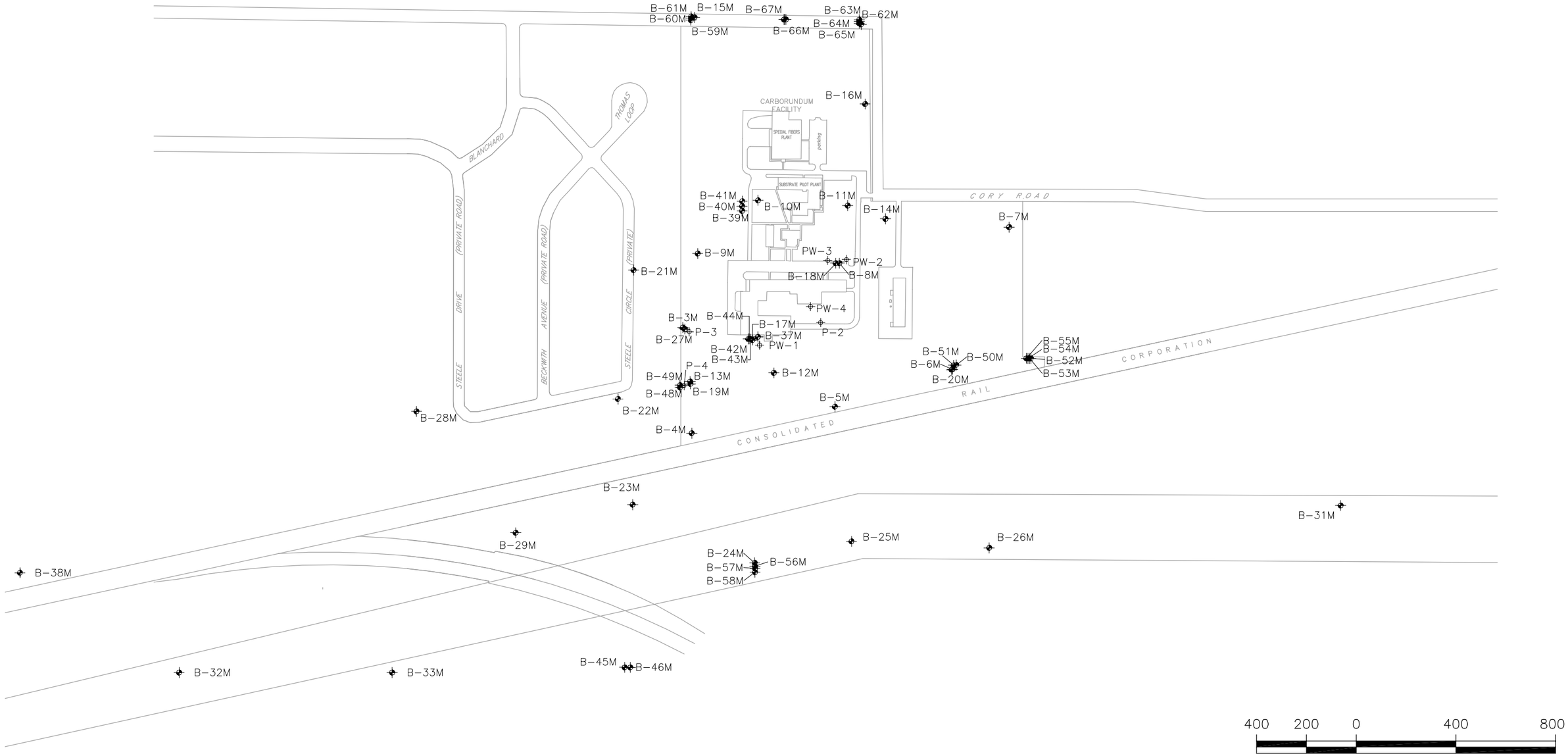
SOURCE: DeLORME 3-D
TOPOQUAD PROGRAM

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



400 200 0 400 800

SCALE: 1"=400'

LEGEND:

MONITORING WELL

PUMPING WELL

FILE NAME: P:\BP PROGRAM\447164-BP SANBORN\CAD\QUARTERLY FIGURES\SK-447164-C-01.DWG
PLOT DATE: 9/24/2012 12:53 PM PLOTTED BY: RUSSO, JILL

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BUFFALO, NEW YORK 14202
716-541-0730

FIGURE 2

ATLANTIC RICHFIELD COMPANY
FORMER CARBORUNDUM FACILITY
SITE PLAN

B-10M	4/12	7/12	10/12	1/13
PCE	<0.8	<0.8	<0.8	–
TCE	32	32	44	–
CIS	2.4 J	5.4	9.4	–
TRANS	<0.8	<0.8	0.86 J	–
VC	<1	<1	<1	–

B-15M	4/12	7/12	10/12	1/13
PCE	–	<0.8	–	–
TCE	–	<1	–	–
CIS	–	<0.8	–	–
TRANS	–	<0.8	–	–
VC	–	<1	–	–

B-67M	4/12	7/12	10/12	1/13
PCE	–	<0.8	–	–
TCE	–	<1	–	–
CIS	–	<0.8	–	–
TRANS	–	<0.8	–	–
VC	–	<1	–	–

B-63M	4/12	7/12	10/12	1/13
PCE	–	<0.8	–	–
TCE	–	<1	–	–
CIS	–	<0.8	–	–
TRANS	–	<0.8	–	–
VC	–	<1	–	–

B-16M	4/12	7/12	10/12	1/13
PCE	–	<0.8	–	–
TCE	–	<1	–	–
CIS	–	1.2 J	–	–
TRANS	–	<0.8	–	–
VC	–	<1	–	–

PW-3	4/12	7/12	10/12	1/13
PCE	<1.6	2.4 J	3.2 J	4.1 J
TCE	2,700	2,900	760	740
CIS	570	1,400	510	160
TRANS	3.4 J	8.2	2.7 J	1.1 J
VC	3.9 J	4.1 J	7.5	1.4 J

B-9M	4/12	7/12	10/12	1/13
PCE	<0.8	<0.8	2.5 J	<0.8
TCE	<1	1.1 J	2.7 J	<1
CIS	<0.8	<0.8	<0.8	<0.8
TRANS	<0.8	<0.8	<0.8	<0.8
VC	<1	<1	<1	<1

B-11M	4/12	7/12	10/12	1/13
PCE	–	15	–	–
TCE	–	270	–	–
CIS	–	27	–	–
TRANS	–	1.4 J	–	–
VC	–	<1	–	–

B-8M	4/12	7/12	10/12	1/13
PCE	<16	11	<80	<40
TCE	32,000	56,000	84,000	51,000
CIS	1,900	5,500	5,800	2,000
TRANS	<16	36	<80	<40
VC	120	340	100 J	<50

B-21M	4/12	7/12	10/12	1/13
PCE	<0.8	<0.8	<0.8	<0.8
TCE	<1	<1	<1	<1
CIS	<0.8	<0.8	<0.8	<0.8
TRANS	<0.8	<0.8	<0.8	<0.8
VC	<1	<1	<1	<1

B-3M	4/12	7/12	10/12	1/13
PCE	–	<0.8	–	–
TCE	–	26	–	–
CIS	–	200	–	–
TRANS	–	3.1 J	–	–
VC	–	21	–	–

B-7M	4/12	7/12	10/12	1/13
PCE	–	<0.8	–	–
TCE	–	3.8 J	–	–
CIS	–	1.1 J	–	–
TRANS	–	<0.8	–	–
VC	–	<1	–	–

P-3	4/12	7/12	10/12	1/13
PCE	<0.8	<0.8	<0.8	<0.8
TCE	<1	1.2 J	<1	<1
CIS	38	83	2.7 J	32
TRANS	1.3 J	3.9 J	<0.8	1.1 J
VC	<1	<1	<1	<1

PW-4	4/12	7/12	10/12	1/13
PCE	<0.8	<0.8	<1.6	<0.8
TCE	29	260	380	38
CIS	3.7 J	22	2,200	36
TRANS	<0.8	<0.8	11	<0.8
VC	<1	<1	310	2.3 J

B-13M	4/12	7/12	10/12	1/13
PCE	<0.8	<0.8	<0.8	<0.8
TCE	6	260	240	420
CIS	440	630	770	420
TRANS	4.3 J	14	16	4.8 J
VC	140	27	9.9	15

B-17M	4/12	7/12	10/12	1/13
PCE	<8	<8	<8	<8
TCE	7,800	6,300	4,600	6,500
CIS	8,900	15,000	12,000	8,000
TRANS	48 J	69	46 J	40 J
VC	1,200	2,200	1,600	960

P-2	4/12	7/12	10/12	1/13
PCE	<1.6	<4	<0.8	<0.8
TCE	2,700	7,800	75	36
CIS	710	1,700	2.7 J	12
TRANS	4.1 J	10 J	<0.8	<0.8
VC	20	48	<1	<1

B-28M	4/12	7/12	10/12	1/13
PCE	<0.8	<0.8	<0.8	<0.8
TCE	<1	<1	<1	<1
CIS	<0.8	<0.8	<0.8	<0.8
TRANS	<0.8	<0.8	<0.8	<0.8
VC	<1	<1	<1	<1

P-4	4/12	7/12	10/12	1/13
PCE	<1.6	<0.8	<0.8	2.0 J
TCE	1,400	890	850	2,100
CIS	530	580	580	620
TRANS	6.7 J	11	9.2	10
VC	7.6 J	<1	<1	19

PW-1	4/12	7/12	10/12	1/13
PCE	<0.8	<0.8	<0.8	<0.8
TCE	1,400	210	860	810
CIS	340	58	230	250
TRANS	3.1 J	0.92 J	2 J	2.5 J
VC	18	2.5 J	1.6 J	12

B-52M	4/12	7/12	10/12	1/13
PCE	–	<0.8	–	–
TCE	–	<1	–	–
CIS	–	<0.8	–	–
TRANS	–	<0.8	–	–
VC	–	<1	–	–

B-22M	4/12	7/12	10/12	1/13
PCE	<0.8	<0.8	<0.8	<0.8
TCE	20	9.8	7.3	35
CIS	120	42	36	87
TRANS	4.0 J	<0.8	<0.8	3.4 J
VC	<1	<1	<1	<1

B-6M	4/12	7/12	10/12	1/13
PCE	<0.8	<0.8	<0.8	<0.8
TCE	250	200	240	350
CIS	19	16	19	40
TRANS	<0.8	<0.8	0.86 J	1.2 J
VC	<1	<1	<1	<1

B-4M	4/12	7/12	10/12	1/13
PCE	–	<0.8	–	–
TCE	–	4.9 J	–	–
CIS	–	41	–	–
TRANS	–	1.6 J	–	–
VC	–	7.9	–	–

B-5M	4/12	7/12	10/12	1/13
PCE	–	<0.8	–	–
TCE	–	260	–	–
CIS	–	33	–	–
TRANS	–	1.3 J	–	–
VC	–	1.8 J	–	–

B-38M	4/12	7/12	10/12	1/13
PCE	<0.8	<0.8	<0.8	<0.8
TCE	40	39	27	24
CIS	56	45	36	48
TRANS	1.4 J	0.83 J	<0.8	1.1 J
VC	<1	1.1 J	<1	<1

B-24M	4/12	7/12	10/12	1/13
PCE	<0.8	<0.8	<0.8	<0.8
TCE	3.1 J	2.3 J	<1	7.1
CIS	1.3 J	<0.8	<0.8	2.7 J
TRANS	<0.8	<0.8	<0.8	<0.8
VC	<1	<1	<1	<1

B-12M	4/12	7/12	10/12	1/13
PCE	–	<0.8	–	–
TCE	–	1700	–	–
CIS	–	280	–	–
TRANS	–	8.6	–	–
VC	–	<1	–	–

B-26M	4/12	7/12	10/12	1/13
PCE	<0.8	<0.8	–	–
TCE	<1	<1	–	–
CIS	<0.8	<0.8	–	–
TRANS	<0.8	<0.8	–	–
VC	<1	<1	–	–

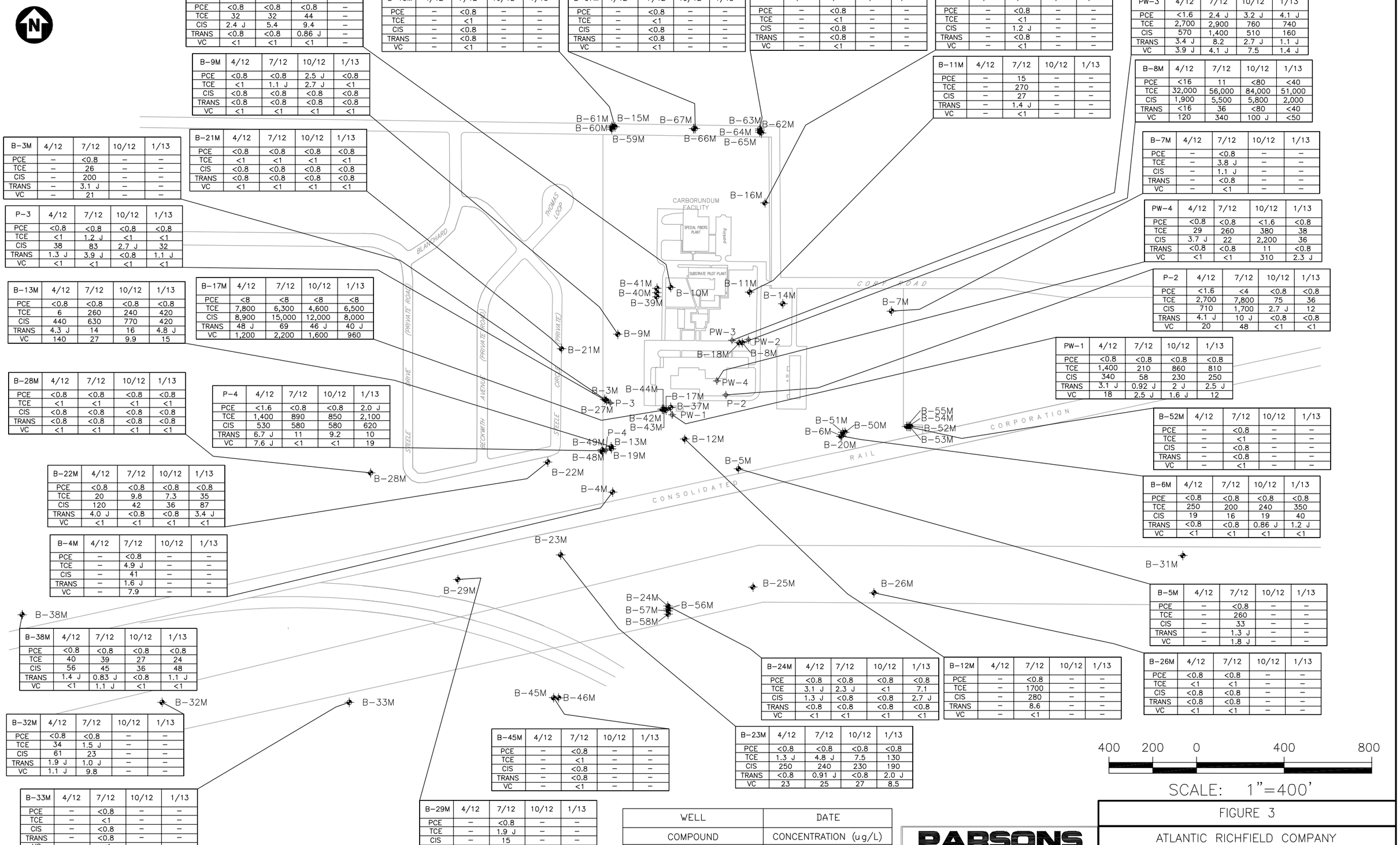
B-32M	4/12	7/12	10/12	1/13
PCE	<0.8	<0.8	–	–
TCE	34	1.5 J	–	–
CIS	61	23	–	–
TRANS	1.9 J	1.0 J	–	–
VC	1.1 J	9.8	–	–

B-45M	4/12	7/12	10/12	1/13
PCE	–	<0.8	–	–
TCE	–	<1	–	–
CIS	–	<0.8	–	–
TRANS	–	<0.8	–	–
VC	–	<1	–	–

B-23M	4/12	7/12	10/12	1/13
PCE	<0.8	<0.8	<0.8	<0.8
TCE	1.3 J	4.8 J	7.5	130
CIS	250	240	230	190
TRANS	<0.8	0.91 J	<0.8	2.0 J
VC	23	25	27	8.5

B-33M	4/12	7/12	10/12	1/13
PCE	–	<0.8	–	–
TCE	–	<1	–	–
CIS	–	<0.8	–	–
TRANS	–	<0.8	–	–
VC	–	<1	–	–

B-29M	4/12	7/12	10/12	1/13
PCE	–	<0.8	–	–
TCE	–	1.9 J	–	–
CIS	–	15	–	–
TRANS	–	<0.8	–	–
VC	–	1.7 J	–	–



400 200 0 400 800

SCALE: 1"=400'

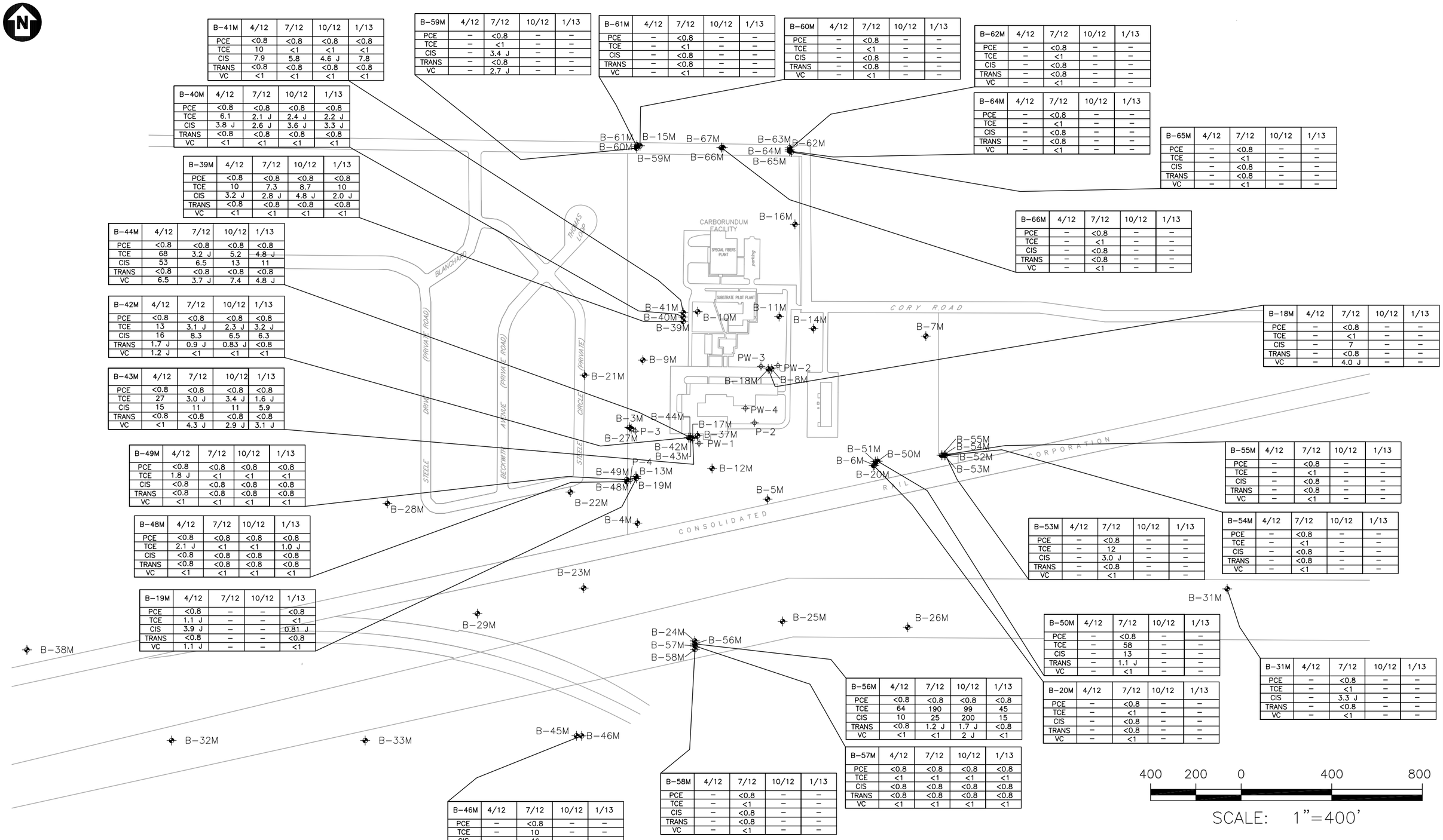
WELL	DATE
COMPOUND	CONCENTRATION (ug/L)
PCE = TETRACHLOROETHENE	
TCE = TRICHLOROETHENE	
CIS = CIS-1,2-DICHLOROETHENE	
TRANS = TRANS-1,2-DICHLOROETHENE	
VC = VINYL CHLORIDE	

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
JANUARY 2013 QUARTERLY SAMPLING EVENT

FILE NAME: P:\BP PROGRAM\447775-BP SANBORN\CAD\QUARTERLY FIGURES\JAN-2013\SK-447164-TAG-1(JAN 2013).DWG
PLOT DATE: 3/19/2013 3:59 PM PLOTTED BY: RUSSO, JILL



B-41M	4/12	7/12	10/12	1/13
PCE	<0.8	<0.8	<0.8	<0.8
TCE	10	<1	<1	<1
CIS	7.9	5.8	4.6 J	7.8
TRANS	<0.8	<0.8	<0.8	<0.8
VC	<1	<1	<1	<1

B-59M	4/12	7/12	10/12	1/13
PCE	–	<0.8	–	–
TCE	–	<1	–	–
CIS	–	3.4 J	–	–
TRANS	–	<0.8	–	–
VC	–	2.7 J	–	–

B-61M	4/12	7/12	10/12	1/13
PCE	–	<0.8	–	–
TCE	–	<1	–	–
CIS	–	<0.8	–	–
TRANS	–	<0.8	–	–
VC	–	<1	–	–

B-60M	4/12	7/12	10/12	1/13
PCE	–	<0.8	–	–
TCE	–	<1	–	–
CIS	–	<0.8	–	–
TRANS	–	<0.8	–	–
VC	–	<1	–	–

B-62M	4/12	7/12	10/12	1/13
PCE	–	<0.8	–	–
TCE	–	<1	–	–
CIS	–	<0.8	–	–
TRANS	–	<0.8	–	–
VC	–	<1	–	–

B-64M	4/12	7/12	10/12	1/13
PCE	–	<0.8	–	–
TCE	–	<1	–	–
CIS	–	<0.8	–	–
TRANS	–	<0.8	–	–
VC	–	<1	–	–

B-65M	4/12	7/12	10/12	1/13
PCE	–	<0.8	–	–
TCE	–	<1	–	–
CIS	–	<0.8	–	–
TRANS	–	<0.8	–	–
VC	–	<1	–	–

B-40M	4/12	7/12	10/12	1/13
PCE	<0.8	<0.8	<0.8	<0.8
TCE	6.1	2.1 J	2.4 J	2.2 J
CIS	3.8 J	2.6 J	3.6 J	3.3 J
TRANS	<0.8	<0.8	<0.8	<0.8
VC	<1	<1	<1	<1

B-39M	4/12	7/12	10/12	1/13
PCE	<0.8	<0.8	<0.8	<0.8
TCE	10	7.3	8.7	10
CIS	3.2 J	2.8 J	4.8 J	2.0 J
TRANS	<0.8	<0.8	<0.8	<0.8
VC	<1	<1	<1	<1

B-66M	4/12	7/12	10/12	1/13
PCE	–	<0.8	–	–
TCE	–	<1	–	–
CIS	–	<0.8	–	–
TRANS	–	<0.8	–	–
VC	–	<1	–	–

B-44M	4/12	7/12	10/12	1/13
PCE	<0.8	<0.8	<0.8	<0.8
TCE	68	3.2 J	5.2	4.8 J
CIS	53	6.5	13	11
TRANS	<0.8	<0.8	<0.8	<0.8
VC	6.5	3.7 J	7.4	4.8 J

B-18M	4/12	7/12	10/12	1/13
PCE	–	<0.8	–	–
TCE	–	<1	–	–
CIS	–	7	–	–
TRANS	–	<0.8	–	–
VC	–	4.0 J	–	–

B-42M	4/12	7/12	10/12	1/13
PCE	<0.8	<0.8	<0.8	<0.8
TCE	13	3.1 J	2.3 J	3.2 J
CIS	16	8.3	6.5	6.3
TRANS	1.7 J	0.9 J	0.83 J	<0.8
VC	1.2 J	<1	<1	<1

B-43M	4/12	7/12	10/12	1/13
PCE	<0.8	<0.8	<0.8	<0.8
TCE	27	3.0 J	3.4 J	1.6 J
CIS	15	11	11	5.9
TRANS	<0.8	<0.8	<0.8	<0.8
VC	<1	4.3 J	2.9 J	3.1 J

B-49M	4/12	7/12	10/12	1/13
PCE	<0.8	<0.8	<0.8	<0.8
TCE	1.8 J	<1	<1	<1
CIS	<0.8	<0.8	<0.8	<0.8
TRANS	<0.8	<0.8	<0.8	<0.8
VC	<1	<1	<1	<1

B-48M	4/12	7/12	10/12	1/13
PCE	<0.8	<0.8	<0.8	<0.8
TCE	2.1 J	<1	<1	1.0 J
CIS	<0.8	<0.8	<0.8	<0.8
TRANS	<0.8	<0.8	<0.8	<0.8
VC	<1	<1	<1	<1

B-19M	4/12	7/12	10/12	1/13
PCE	<0.8	–	–	<0.8
TCE	1.1 J	–	–	<1
CIS	3.9 J	–	–	0.81 J
TRANS	<0.8	–	–	<0.8
VC	1.1 J	–	–	<1

B-55M	4/12	7/12	10/12	1/13
PCE	–	<0.8	–	–
TCE	–	<1	–	–
CIS	–	<0.8	–	–
TRANS	–	<0.8	–	–
VC	–	<1	–	–

B-54M	4/12	7/12	10/12	1/13
PCE	–	<0.8	–	–
TCE	–	<1	–	–
CIS	–	<0.8	–	–
TRANS	–	<0.8	–	–
VC	–	<1	–	–

B-53M	4/12	7/12	10/12	1/13
PCE	–	<0.8	–	–
TCE	–	12	–	–
CIS	–	3.0 J	–	–
TRANS	–	<0.8	–	–
VC	–	<1	–	–

B-50M	4/12	7/12	10/12	1/13
PCE	–	<0.8	–	–
TCE	–	58	–	–
CIS	–	13	–	–
TRANS	–	1.1 J	–	–
VC	–	<1	–	–

B-31M	4/12	7/12	10/12	1/13
PCE	–	<0.8	–	–
TCE	–	<1	–	–
CIS	–	3.3 J	–	–
TRANS	–	<0.8	–	–
VC	–	<1	–	–

B-20M	4/12	7/12	10/12	1/13
PCE	–	<0.8	–	–
TCE	–	<1	–	–
CIS	–	<0.8	–	–
TRANS	–	<0.8	–	–
VC	–	<1	–	–

B-56M	4/12	7/12	10/12	1/13
PCE	<0.8	<0.8	<0.8	<0.8
TCE	64	190	99	45
CIS	10	25	200	15
TRANS	<0.8	1.2 J	1.7 J	<0.8
VC	<1	<1	2 J	<1

B-57M	4/12	7/12	10/12	1/13
PCE	<0.8	<0.8	<0.8	<0.8
TCE	<1	<1	<1	<1
CIS	<0.8	<0.8	<0.8	<0.8
TRANS	<0.8	<0.8	<0.8	<0.8
VC	<1	<1	<1	<1

B-58M	4/12	7/12	10/12	1/13
PCE	–	<0.8	–	–
TCE	–	<1	–	–
CIS	–	<0.8	–	–
TRANS	–	<0.8	–	–
VC	–	<1	–	–

B-46M	4/12	7/12	10/12	1/13
PCE	–	<0.8	–	–
TCE	–	10	–	–
CIS	–	46	–	–
TRANS	–	<0.8	–	–
VC	–	3.3 J	–	–

400 200 0 400 800

SCALE: 1"=400'

WELL	DATE
COMPOUND	CONCENTRATION (ug/L)
PCE = TETRACHLOROETHENE	
TCE = TRICHLOROETHENE	
CIS = CIS-1,2-DICHLOROETHENE	
TRANS = TRANS-1,2-DICHLOROETHENE	
VC = VINYL CHLORIDE	

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
JANUARY 2013 QUARTERLY SAMPLING EVENT

FILE NAME: P:\BP PROGRAM\447775-BP SANBORN\CAD\QUARTERLY FIGURES\JAN-2013\SK-447164-TAG-2(JAN 2013).DWG
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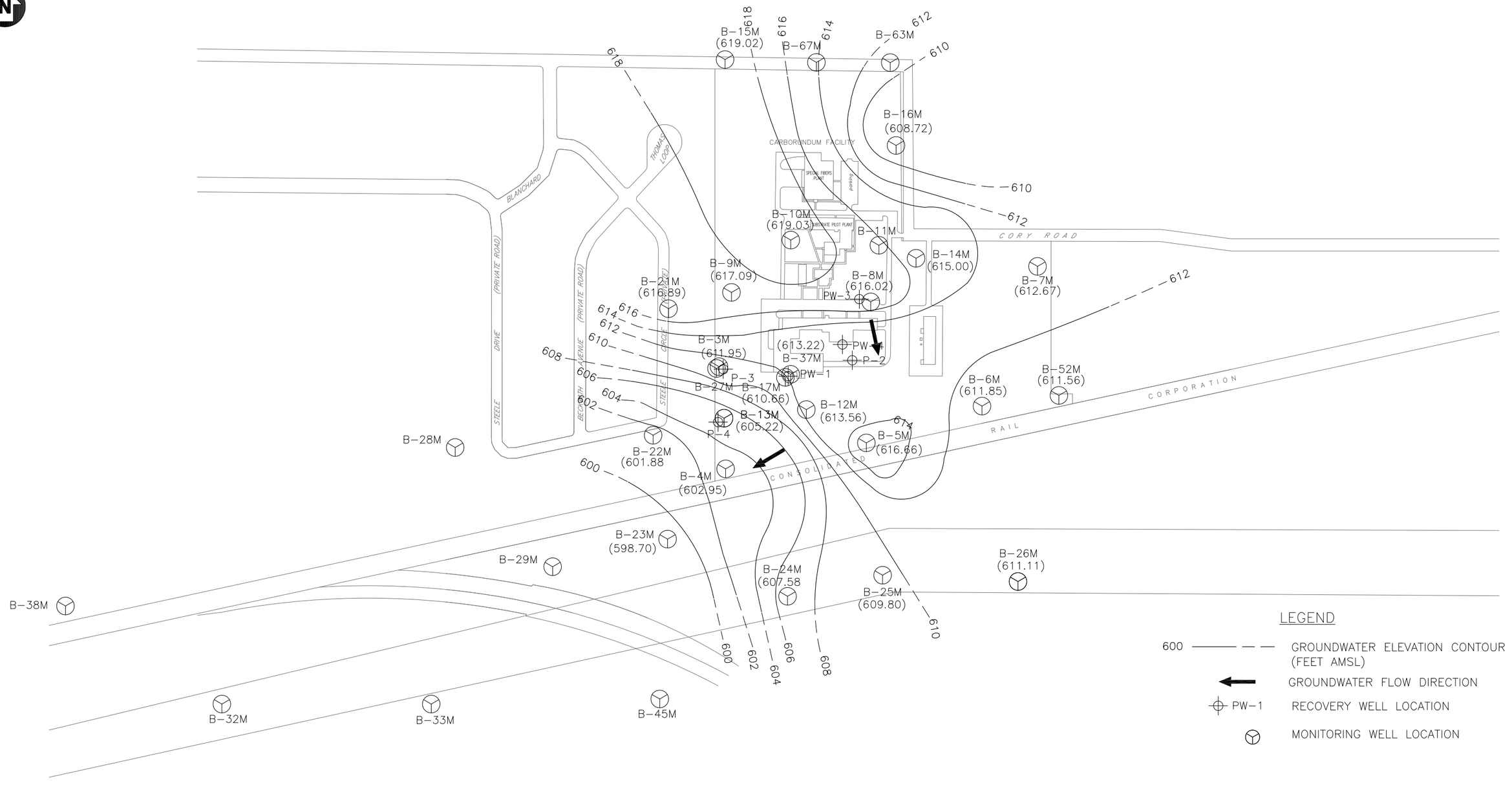


NOTE:

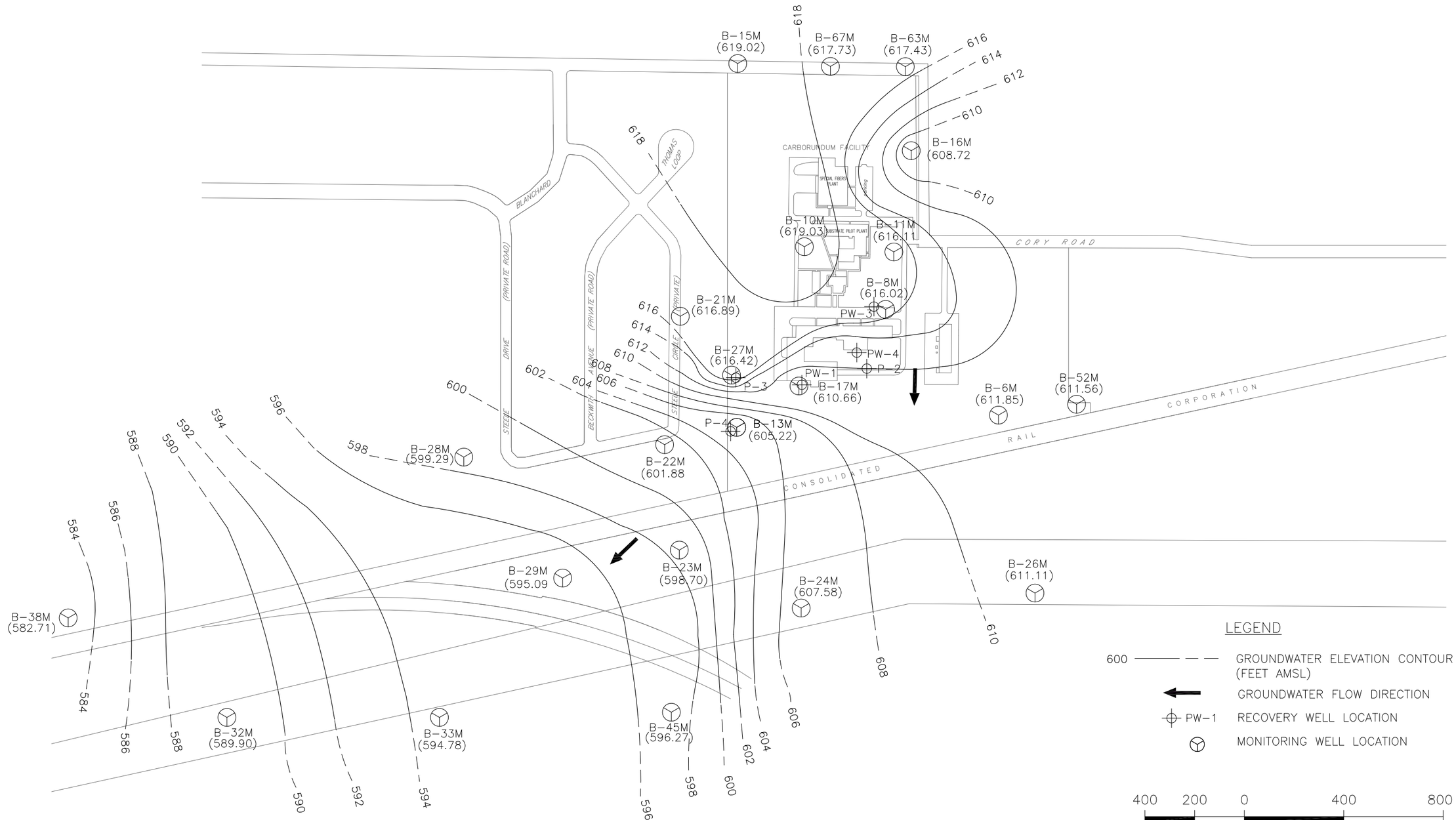
1. B-10M, B-13M, B-15M, B-16M, B-17M, B-21M, B-22M, B-23M, B-24M, B-26M, B-27M, B-52M, B-6M, B-8M, AND P-4 ARE SCREENED IN BOTH THE TOP OF ROCK ZONE AND ZONE 1.

FILE NAME: P:\BP PROGRAM\447775-BP SANBORN\CAD\QUARTERLY FIGURES\JAN-2013\SK-447164-GW-TOR-(JAN 2013).DWG
PLOT DATE: 5/2/2013 8:31 AM PLOTTED BY: RUSSO, JILL

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 – JANUARY 16, 2013



LEGEND

600 GROUNDWATER ELEVATION CONTOUR (FEET AMSL)

GROUNDWATER FLOW DIRECTION

PW-1 RECOVERY WELL LOCATION

MONITORING WELL LOCATION

400 200 0 400 800

SCALE: 1"=400'

NOTE:

1. B-10M, B-13M, B-15M, B-16M, B-17M, B-21M, B-22M, B-23M, B-24M, B-26M, B-27M, B-52M, B-6M, B-8M, AND P-4 ARE SCREENED IN BOTH THE TOP OF ROCK ZONE AND ZONE 1.

FILE NAME: P:\BP PROGRAM\447775-BP SANBORN\CAD\QUARTERLY FIGURES\JAN-2013\SK-447164-GW-Z1-(JAN 2013).DWG
PLOT DATE: 3/25/2013 10:04 AM PLOTTED BY: RUSSO, JILL

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- JANUARY 16, 2013

TABLES

TABLE 1
MONTHLY GROUNDWATER ELEVATION DATA
JANUARY 2013
THE FORMER CARBORUNDUM COMPANY
SANBORN, NEW YORK

Monitoring Well I.D.	Date	Top of Riser Elevation (ft)	Water Level (ft)	Groundwater Elevation (ft)	Remarks
P-2	01/16/13	619.67	3.12	616.55	
P-3	01/16/13	627.35	25.72	601.63	
P-4	01/16/13	624.45	29.51	594.94	
PW-1	01/16/13	619.78	14.31	605.47	
PW-3	01/16/13	618.28	13.07	605.21	
PW-4	01/16/13	620.84	4.29	616.55	
B-3M	01/16/13	625.59	13.64	611.95	
B-4M	01/16/13	622.24	19.29	602.95	
B-5M	01/16/13	620.83	4.17	616.66	
B-6M	01/16/13	615.69	3.84	611.85	
B-7M	01/16/13	616.22	3.55	612.67	
B-8M	01/16/13	618.57	2.55	616.02	
B-9M	01/16/13	623.03	5.94	617.09	
B-10M	01/16/13	626.05	7.02	619.03	
B-11M	01/16/13	622.81	6.70	616.11	
B-12M	01/16/13	622.17	8.61	613.56	
B-13M	01/16/13	626.70	21.48	605.22	
B-14M	01/16/13	618.25	3.25	615.00	
B-15M	01/16/13	623.98	4.96	619.02	
B-16M	01/16/13	624.31	15.59	608.72	
B-17M	01/16/13	622.07	11.41	610.66	
B-18M	01/16/13	618.69	4.31	614.38	
B-19M	01/16/13	626.01	14.86	611.15	
B-20M	01/16/13	615.32	4.76	610.56	
B-21M	01/16/13	622.56	5.67	616.89	
B-22M	01/16/13	622.29	20.41	601.88	
B-23M	01/16/13	617.71	19.01	598.70	
B-24M	01/16/13	617.24	9.66	607.58	
B-25M	01/16/13	619.31	9.51	609.80	
B-26M	01/16/13	618.06	6.95	611.11	
B-27M	01/16/13	626.04	9.62	616.42	
B-28M	01/16/13	622.62	23.33	599.29	
B-29M	01/16/13	618.31	23.22	595.09	
B-31M	01/16/13	613.78	5.35	608.43	
B-32M	01/16/13	619.35	29.45	589.90	
B-33M	01/16/13	612.43	17.65	594.78	
B-37M	01/16/13	616.90	3.68	613.22	
B-38M	01/16/13	609.81	27.10	582.71	
B-39M	01/16/13	626.12	9.03	617.09	
B-40M	01/16/13	626.23	10.14	616.09	
B-41M	01/16/13	626.31	13.14	613.17	
B-42M	01/16/13	623.76	6.89	616.87	
B-43M	01/16/13	623.64	9.60	614.04	
B-44M	01/16/13	623.29	11.95	611.34	
B-45M	01/16/13	612.12	15.85	596.27	
B-46M	01/16/13	613.46	17.80	595.66	
B-48M	01/16/13	625.40	8.90	616.50	
B-49M	01/16/13	625.56	20.83	604.73	
B-50M	01/16/13	616.47	4.83	611.64	
B-51M	01/16/13	616.48		NA	Constriction in the well at ground level
B-52M	01/16/13	616.26	4.70	611.56	
B-53M	01/16/13	616.14	4.61	611.53	
B-54M	01/16/13	616.00	4.59	611.41	
B-55M	01/16/13	615.59	20.10	595.49	
B-56M	01/16/13	617.78	19.45	598.33	
B-57M	01/16/13	617.80	21.21	596.59	
B-58M	01/16/13	617.99	18.68	599.31	
B-59M	01/16/13	625.53	18.66	606.87	
B-60M	01/16/13	625.67	8.72	616.95	
B-61M	01/16/13	625.72	7.96	617.76	
B-62M	01/16/13	624.14	0.00	624.14	
B-63M	01/16/13	624.04	6.61	617.43	
B-64M	01/16/13	624.05	6.72	617.33	
B-65M	01/16/13	623.98	8.37	615.61	
B-66M	01/16/13	625.54	7.61	617.93	
B-67M	01/16/13	625.59	7.86	617.73	

TABLE 2
MONITORING WELL GROUNDWATER PURGING DATA
JANUARY 2013 QUARTERLY SAMPLING EVENT
FORMER CARBORUNDUM COMPANY
WHEATFIELD, NEW YORK

Monitoring Well ID	Date	Time	Top of Riser Elevation (ft)	Initial Water Level (ft)	Initial Groundwater Elevation (ft)	Measured Well Bottom (ft)	Water Column Hgt. (ft)	One Well Volume (gal)	Total Volume Purged (gal)	Purging Codes	Remarks
P-2	1/24/13	13:10	619.67								Pumping well
P-3	1/24/13	12:45	627.35								Pumping well
P-4	1/22/13	12:15	624.45								Pumping well
PW-1	1/22/13	10:00	619.78								Pumping well
PW-3	1/24/13	10:35	618.28								Pumping well
PW-4	1/24/13	13:20	618.28								Pumping well
B-6M	1/23/13	11:35	615.69	5.47	610.22	19.15	13.68	2.33	12	4	
B-8M	1/23/13	12:55	618.57	4.11	614.46	17.80	13.69	2.33	12	4	
B-9M	1/17/13	13:45	623.03	6.32	616.71	21.18	14.86	2.53	13	4	
B-13M	1/22/13	11:35	617.20	22.60	594.60	36.01	13.41	2.28	12	5	
B-17M	1/23/13	13:45	622.07	13.81	608.26	26.02	12.21	2.08	10.5	6	
B-19M	1/22/13	11:10	626.01	16.61	609.40	26.16	9.55	1.62	8.5	5	
B-21M	1/17/13	11:50	622.56	6.15	616.41	26.55	20.40	3.46	18	4	
B-22M	1/17/13	11:00	617.71	21.08	596.63	35.95	14.87	2.53	13	4	
B-23M	1/23/13	10:45	617.71	20.96	596.75	31.70	10.74	1.83	9.5	4	
B-24M	1/23/13	9:45	617.20	11.01	606.19	26.72	15.71	2.67	14	4	
B-28M	1/14/13	12:45	622.62	24.98	597.64	34.55	9.57	1.63	8.5	4	
B-38M	1/17/13	9:50	609.81	27.25	582.56	41.22	13.97	2.37	12	4	
B-39M	1/26/13	10:50	626.12	11.35	614.77	43.95	32.60	5.54	28	5	
B-40M	1/24/13	13:26	626.23	12.56	613.67	57.95	45.39	7.70	39	5	
B-41M	1/24/13	8:35	626.31	15.26	611.05	72.64	57.38	9.75	50	5	
B-42M	1/22/13	8:45	623.76	8.71	615.05	45.41	36.70	6.24	32	5	
B-43M	1/22/13	9:25	623.64	11.30	612.34	58.86	47.56	8.09	41	4,5	
B-44M	1/24/13	11:35	623.29	14.90	608.39	84.45	69.55	11.80	36.5	4,5	
B-48M	1/22/13	12:40	625.40	10.73	614.67	46.95	36.22	6.16	31	5	
B-49M	1/22/13	12:25	625.56	22.70	602.86	82.48	59.78	10.20	51	5	
B-56M	1/23/13	9:00	617.78	21.38	596.40	39.61	18.23	3.10	16	5	
B-57M	1/22/13	8:30	617.80	25.05	592.75	50.56	25.51	4.34	10	4,5	

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
JANUARY 2013 QUARTERLY SAMPLING EVENT
FORMER CARBORUNDUM COMPANY
WHEATFIELD, NEW YORK

Monitoring Well ID	Date	Time	pH (standard units)	Specific Conductance (uS/cm)	Temperature (deg F)	Turbidity (NTU)	Remarks
P-2	1/24/13	13:10	7.19	1.01	48.4	1.92	Pumping well
P-3	1/24/13	12:45	7.71	1.55	49.5	9.87	Pumping well
P-4	1/22/13	12:15	7.47	0.97	49.4	10.6	Pumping well
PW-1	1/22/13	10:00	7.19	0.79	51.7	13.7	Pumping well
PW-3	1/24/13	10:35	7.14	1.18	45.3	6.04	Pumping well
PW-4	1/24/13	13:20	7.21	0.63	48.2	92.7	Pumping well
B-6M	1/23/13	11:35	7.20	1.03	49.0	256	
B-8M	1/23/13	12:55	7.16	1.61	47.7	589	
B-9M	1/17/13	13:45	7.38	0.39	45.1	43.4	
B-13M	1/22/13	11:35	7.55	1.23	48.9	68.6	
B-17M	1/23/13	13:45	7.13	0.97	52.1	1.35	
B-19M	1/22/13	11:10	7.57	1.49	47.9	32.5	
B-21M	1/17/13	11:50	6.71	1.30	52.4	67.5	
B-22M	1/17/13	11:00	6.39	1.29	50.9	65.4	
B-23M	1/23/13	10:45	7.10	1.08	50.3	73.3	
B-24M	1/23/13	9:45	7.07	0.93	47.2	22.3	
B-28M	1/14/13	12:45	7.01	1.02	49.5	439	
B-38M	1/17/13	9:50	7.18	1.33	48.6	131	
B-39M	1/26/13	10:50	7.01	0.82	49.9	28.6	
B-40M	1/24/13	13:26	7.23	1.36	50.2	23	
B-41M	1/24/13	8:35	7.04	1.02	50.3	19.2	
B-42M	1/22/13	8:45	6.25	0.81	40.6	15.9	
B-43M	1/22/13	9:25	6.89	1.46	48.1	19.5	
B-44M	1/24/13	11:35	6.95	2.75	48.8	12.1	
B-48M	1/22/13	12:40	7.74	0.89	45.1	10.2	
B-49M	1/22/13	12:25	7.5	2.66	45.4	44.5	
B-56M	1/23/13	9:00	7.66	1.21	48.4	152	
B-57M	1/22/13	8:30	7.02	2.11	47.4	14.7	

TABLE 4
MONITORING WELL GROUNDWATER ANALYTCIAL RESULT SUMMARY
JANUARY 2013 QUARTERLY SAMPLING EVENT
FORMER CARBORUNDUM COMPANY
SANBORN, NEW YORK

Well Id	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	6934232	1/24/2013	< 1.0	< 0.80	< 1.0	< 0.80	< 2.0	< 0.80	12	12	2.6 J	36	< 1.0	< 0.80
P-3	6934233	1/24/2013	< 1.0	< 0.80	< 1.0	< 0.80	< 2.0	1.1 J	32	33.1	< 0.80	< 1.0	< 1.0	< 0.80
P-4	6931414	1/22/2013	< 1.0	< 0.80	52	11	< 2.0	10	620	630	42	2100	19	2.0 J
PW-1	6931418	1/22/2013	< 1.0	< 0.80	4.4 J	1.6 J	< 2.0	2.5 J	250	252.5	3.8 J	810	12	< 0.80
PW-3	6934231	1/24/2013	< 1.0	< 0.80	< 1.0	< 0.80	< 2.0	1.1 J	160	161.1	< 0.80	740	1.4 J	4.1 J
PW-4	6934235	1/24/2013	< 1.0	< 0.80	< 1.0	< 0.80	< 2.0	< 0.80	36	36	< 0.80	38	2.3 J	< 0.80
B- 6M	6932568	1/23/2013	< 1.0	< 0.80	< 1.0	< 0.80	< 2.0	1.2 J	40	41.2	< 0.80	350	< 1.0	< 0.80
B- 8M	6932575	1/23/2013	< 50	< 40	< 50	< 40	< 100	< 40	2000	2000	< 40	51000	< 50	< 40
B- 9M	6926981	1/17/2013	< 1.0	< 0.80	< 1.0	< 0.80	< 2.0	< 0.80	< 0.80	< 0.80	< 0.80	< 1.0	< 1.0	< 0.80
B-13M	6931415	1/22/2013	< 1.0	< 0.80	30	4.4 J	< 2.0	4.8 J	420	424.8	5.5	420	15	< 0.80
B-17M	6932578	1/23/2013	< 10	< 8.0	66	42 J	< 20	40 J	8000	8040	15 J	6500	960	< 8.0
B-19M	6931416	1/22/2013	< 1.0	< 0.80	< 1.0	< 0.80	< 2.0	< 0.80	0.81 J	0.81	< 0.80	< 1.0	< 1.0	< 0.80
B-21M	6926976	1/17/2013	< 1.0	< 0.80	< 1.0	< 0.80	< 2.0	< 0.80	< 0.80	< 0.80	< 0.80	< 1.0	< 1.0	< 0.80
B-22M	6926979	1/17/2013	< 1.0	< 0.80	< 1.0	< 0.80	< 2.0	3.4 J	87	90.4	< 0.80	35	< 1.0	< 0.80
B-23M	6932570	1/23/2013	< 1.0	< 0.80	2.8 J	< 0.80	< 2.0	2.0 J	190	192	2.0 J	130	8.5	< 0.80
B-24M	6932572	1/23/2013	< 1.0	< 0.80	< 1.0	< 0.80	< 2.0	< 0.80	2.7 J	2.7	< 0.80	7.1	< 1.0	< 0.80
B-28M	6926975	1/17/2013	< 1.0	< 0.80	< 1.0	< 0.80	< 2.0	< 0.80	< 0.80	< 0.80	< 0.80	< 1.0	< 1.0	< 0.80
B-38M	6926980	1/17/2013	< 1.0	< 0.80	< 1.0	< 0.80	< 2.0	1.1 J	48	49.1	< 0.80	24	< 1.0	< 0.80
B-39M	6934228	1/24/2013	< 1.0	< 0.80	< 1.0	< 0.80	< 2.0	< 0.80	2.0 J	2	< 0.80	10	< 1.0	< 0.80
B-40M	6934227	1/24/2013	< 1.0	< 0.80	< 1.0	< 0.80	< 2.0	< 0.80	3.3 J	3.3	< 0.80	2.2 J	< 1.0	< 0.80
B-41M	6934226	1/24/2013	< 1.0	< 0.80	< 1.0	< 0.80	< 2.0	< 0.80	7.8	7.8	< 0.80	< 1.0	< 1.0	< 0.80
B-42M	6931421	1/22/2013	< 1.0	< 0.80	< 1.0	< 0.80	< 2.0	< 0.80	6.3	6.3	< 0.80	3.2 J	< 1.0	< 0.80
B-43M	6931417	1/22/2013	< 1.0	< 0.80	< 1.0	< 0.80	< 2.0	< 0.80	5.9	5.9	< 0.80	1.6 J	3.1 J	< 0.80
B-44M	6934234	1/24/2013	< 1.0	< 0.80	8.4	< 0.80	< 2.0	< 0.80	11	11	< 0.80	4.8 J	4.8 J	< 0.80
B-48M	6931411	1/22/2013	< 1.0	< 0.80	< 1.0	< 0.80	< 2.0	< 0.80	< 0.80	< 0.80	< 0.80	1.0 J	< 1.0	< 0.80
B-49M	6931412	1/22/2013	< 1.0	< 0.80	< 1.0	< 0.80	< 2.0	< 0.80	< 0.80	< 0.80	< 0.80	< 1.0	< 1.0	< 0.80
B-56M	6932574	1/23/2013	< 1.0	< 0.80	< 1.0	< 0.80	< 2.0	< 0.80	15	15	< 0.80	45	< 1.0	< 0.80
B-57M	6932573	1/23/2013	< 1.0	< 0.80	< 1.0	< 0.80	< 2.0	< 0.80	< 0.80	< 0.80	< 0.80	< 1.0	< 1.0	< 0.80

TABLE 5
FIRST QUARTER 2013
GROUNDWATER REMEDIATION SYSTEM PERFORMANCE SUMMARY
Former Carborundum Facility
Sanborn, New York

Well	Category	Units	January 2013	February 2013	March 2013
		Days	31	28	31
P-2					
	Uptime	(%)	0%	57%	100%
	Average Flow	(gpm)	0.00	0.90	0.80
	Total Flow	(gal)	10	27,898	84,850
	VOC Concentration	(ppb)	48	48	48
	Total Contaminant Removed	(lbs)	0.0	0.0	0.0
	% of Total Flow		0.00%	1.86%	4.82%
P-3					
	Uptime	(%)	100%	100%	100%
	Average Flow	(gpm)	0.02	0.01	0.01
	Total Flow	(gal)	957	865	944
	VOC Concentration	(ppb)	33	33	33
	Total Contaminant Removed	(lbs)	0.0	0.0	0.0
	% of Total Flow		0.06%	0.06%	0.05%
P-4					
	Uptime	(%)	100%	100%	100%
	Average Flow	(gpm)	1.65	0.95	0.93
	Total Flow	(gal)	76,418	74,331	92,949
	VOC Concentration	(ppb)	2,751	2,751	2,751
	Total Contaminant Removed	(lbs)	1.8	1.7	2.1
	% of Total Flow		4.84%	4.95%	5.28%
PW-1					
	Uptime	(%)	100%	100%	100%
	Average Flow	(gpm)	31.22	16.74	17.55
	Total Flow	(gal)	1,393,598	1,311,319	1,464,620
	VOC Concentration	(ppb)	1,075	1,075	1,075
	Total Contaminant Removed	(lbs)	12.5	11.8	13.1
	% of Total Flow		88.31%	87.32%	83.18%
PW-3					
	Uptime	(%)	100%	100%	100%
	Average Flow	(gpm)	2.30	1.22	1.24
	Total Flow	(gal)	107,005	87,295	117,398
	VOC Concentration	(ppb)	907	907	907
	Total Contaminant Removed	(lbs)	0.8	0.7	0.9
	% of Total Flow		6.78%	5.81%	6.67%
PW-4					
	Uptime	(%)	0%	0%	0%
	Average Flow	(gpm)	0.00	0.00	0.00
	Total Flow	(gal)	135	0	0
	VOC Concentration	(ppb)	76	76	76
	Total Contaminant Removed	(lbs)	0.0	0.0	0.0
	% of Total Flow		0.01%	0.00%	0.00%
Vaults					
	Uptime	(%)	100%	100%	100%
	Average Flow	(gpm)	1.30	1.44	0.65
	Total Flow	(gal)	57,939	58,087	28,964
	VOC Concentration	(ppb)	2,541	2,541	2,541
	Total Contaminant Removed	(lbs)	1.2	1.2	0.6
	% of Total Flow		3.67%	3.87%	1.64%
GRS Total					
	Uptime	(%)	67%	76%	83%
	Average Flow	(gpm)	22.55	12.95	12.76
	Total Flow-Mechanical Effluent Meter	(gal)	1,006,983	975,745	1,115,358
	VOCs to Influent	(ppm)	441	257	246
	Total Contaminant Removed	(lbs)	3.7	2.1	2.3

Notes:
1. For the period of 1/01/13 to 3/31/13.
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 a given well) equals the sum of the compounds cis-1,2-DCE, trans-1,2-DCE, TCE, and PCE.
6. GRS total contaminant removed is based on the percentage of flow through the effluent meter.
7. 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-6	Date: 11/23/13	Time Started: 1135	Field Personnel: RC Becken
Weather Conditions: cold clear			
Comments:			

Initial Readings

Measured Well Bottom (TOR - ft) 19.15	Riser Pipe Diameter (in) 2 in.			
Measured Water Level (TOR - ft) 5.47	Conversion Factor (gal/lineal ft)	1.25" = 0.08	2" = 0.17	3" = 0.38
Calculated Water Column Height (ft) 13.68	(Circle One)	4" = 0.66	6" = 1.50	8" = 2.60
One Well Volume (gals.) 2.33	FiveWell Volumes (gals.) 11.6			
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
2.3	2.3	46.1	1.68	1000+	
	4.6	47.5	1.62	657	
	6.9	48.9	1.33	1000	
	9.2	47.4	1.14	281	

Comments: Amount purged 12 gal

Sampling Information

Date: 11/23/13	Time Sampled: 1210	Field Personnel: R C Becken	
Measured Water Level (TOR ft.): 17.56			

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-6	49.0	7.21	1.03	256	

QA/QC Samples Taken:
Comments:

Signature

Sampler (Print): Richard C. Becken	Sampler (signature): Richard C Becken	Date: 11/23/13

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

Monitoring Well I.D.: B-8	Date: 1/23/13	Time Started: 1255	Field Personnel: RC Becken
Weather Conditions: clear cold			
Comments:			

Initial Readings

Measured Well Bottom (TOR - ft) 17.8	Riser Pipe Diameter (in) 2 in.			
Measured Water Level (TOR - ft) 4.11	Conversion Factor (gal/lineal ft)	1.25" = 0.08	2" = 0.17	3" = 0.38
Calculated Water Column Height (ft) 13.69	(Circle One)	4" = 0.66	6" = 1.50	8" = 2.60
One Well Volume (gals.) 2.33	FiveWell Volumes (gals.) 11.64			
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:

Well Volume	Gallons Purged (gal)	Temperature (deg C)	Specific Conductivity (mS/cm)	Turbidity (NTU's)	Comments
2.33	2.5	47.3	1.68	466	
	5	49.2	1.61	545	
	7.5	49.6	1.60	401	
	10	50.0	1.63	368	

Comments: Amount purged 12 gal

Sampling Information

Date: 1/23/13	Time Sampled: 1330	Field Personnel: R C Becken	
Measured Water Level (TOR ft.): 5.55			

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

Sample I.D	Temperature (deg C)	pH (S.U.)	Specific Conductivity (mS/cm)	Turbidity (NTU's)	Comments
B-8	47.7	7.16	1.61	589	

QA/QC Samples Taken: MS MSD

Comments:

Signature

Sampler (Print): Richard C. Becken	Sampler (signature): Richard C Becken	Date: 1/23/13

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

Monitoring Well I.D.: B-9	Date: 1/17/13	Time Started: 1345	Field Personnel: RC Becken
Weather Conditions: cold light snow			
Comments:			

Initial Readings

Measured Well Bottom (TOR - ft) 21.18	Riser Pipe Diameter (in) 2 in.			
Measured Water Level (TOR - ft) 6.32	Conversion Factor (gal/lineal ft)	1.25" = 0.08	2" = 0.17	3" = 0.38
Calculated Water Column Height (ft) 14.86	(Circle One)	4" = 0.66	6" = 1.50	8" = 2.60
One Well Volume (gals.) 2.53	FiveWell Volumes (gals.) 12.6			
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
2.5	2.5	45.9	0.44	56.3	
	5	46.1	0.41	60.0	
	7.5	46.3	0.41	54.7	
	10	46.5	0.41	45.0	

Comments: amount purged 13 gal

Sampling Information

Date: 1/17/13	Time Sampled: 1415	Field Personnel: R C Becken
Measured Water Level (TOR ft.): 6.5		

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-9	45.1	7.38	0.39	43.4	

QA/QC Samples Taken:
Comments:

Signature

Sampler (Print): Richard C. Becken	Sampler (signature): Richard C Becken	Date: 1/17/13

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

Monitoring Well I.D.: B-13	Date: 1/22/13	Time Started: 1135	Field Personnel: RC Becken
Weather Conditions: cold windy			
Comments:			

Initial Readings

Measured Well Bottom (TOR - ft) 36.01	Riser Pipe Diameter (in) 2 in.			
Measured Water Level (TOR - ft) 22.6	Conversion Factor (gal/lineal ft)	1.25" = 0.08	2" = 0.17	3" = 0.38
Calculated Water Column Height (ft) 13.41	(Circle One)	4" = 0.66	6" = 1.50	8" = 2.60
One Well Volume (gals.) 2.28	FiveWell Volumes (gals.) 11.4			
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
2.28	~2.25	48.5	1.31	11.2	
	~4.5	49.7	1.40	5.16	
	~6.75	49.9	1.37	3.36	
	~9	50.1	1.39	2.61	

Comments: amount purged 12 gal

Sampling Information

Date: 1/22/13	Time Sampled: 1210	Field Personnel:	R C Becken
Measured Water Level (TOR ft.): 22.7			

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-13	48.9	7.55	1.23	68.6	

QA/QC Samples Taken:
Comments:

Signature

Sampler (Print): Richard C. Becken	Sampler (signature): Richard C Becken	Date: 1/22/13	

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

Monitoring Well I.D.: B-17	Date: 1/23/13	Time Started: 1345	Field Personnel: RC Becken
Weather Conditions: clear cold			
Comments:			

Initial Readings

Measured Well Bottom (TOR - ft) 26.02	Riser Pipe Diameter (in) 2 in.			
Measured Water Level (TOR - ft) 13.81	Conversion Factor (gal/lineal ft)	1.25" = 0.08	(2" = 0.17)	3" = 0.38
Calculated Water Column Height (ft) 12.21	(Circle One)	4" = 0.66	6" = 1.50	8" = 2.60
One Well Volume (gals.) 2.08	FiveWell Volumes (gals.) 10.4			

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:

Well Volume	Gallons Purged (gal)	Temperature (deg C)	Specific Conductivity (mS/cm)	Turbidity (NTU's)	Comments
2.08	2	50.2	1.04	76.3	
	4	52.4	106	390	
	6	52.7	1.10	375	
	8	53.0	0.99	252	

Comments: Amount purged 10.5 gal

Sampling Information

Date: 1/23/13	Time Sampled: 1420	Field Personnel:	R C Becken
Measured Water Level (TOR ft.): 15.15			

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-17	52.1	7.13	0.97	135	

QA/QC Samples Taken:

Comments:

Signature

Sampler (Print): Richard C. Becken	Sampler (signature): Richard C Becken	Date: 1/23/13

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

Monitoring Well I.D.: B-19	Date: 11/22/13	Time Started: 1110	Field Personnel: RC Becken
Weather Conditions: cold windy			
Comments:			

Initial Readings

Measured Well Bottom (TOR - ft) 26.16	Riser Pipe Diameter (in) 2 in.			
Measured Water Level (TOR - ft) 16.61	Conversion Factor (gal/lineal ft)	1.25" = 0.08	2" = 0.17	3" = 0.38
Calculated Water Column Height (ft) 9.55	(Circle One)	4" = 0.66	6" = 1.50	8" = 2.60
One Well Volume (gals.) 1.62	FiveWell Volumes (gals.) 8.1			

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: purge pump

Well Volume	Gallons Purged (gal)	Temperature (deg C)	Specific Conductivity (mS/cm)	Turbidity (NTU's)	Comments
1.62	~1.5	42.1	1.10	3.54	
	~3	46.3	1.25	2.16	
	~4.5	47.5	1.30	1.64	
	~6	48.8	1.98	1.0	

Comments: amount purged 8.5 gal

Sampling Information

Date: 11/22/13	Time Sampled: 1130	Field Personnel: R C Becken

Measured Water Level (TOR ft.): 16.2

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-19	47.9	7.57	1.49	32.5	

QA/QC Samples Taken:

Comments:

Signature

Sampler (Print): Richard C. Becken	*Sampler (signature):* Richard C Becken	Date: 11/22/13

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

Monitoring Well I.D.: B-21	Date: 1/17/13	Time Started: 1150	Field Personnel: RC Becken
Weather Conditions: cold light snow			
Comments:			

Initial Readings

Measured Well Bottom (TOR - ft) 26.55	Riser Pipe Diameter (in) 2 in.			
Measured Water Level (TOR - ft) 6.15	Conversion Factor (gal/lineal ft)	1.25" = 0.08	~~6" = 0.17~~	3" = 0.38
Calculated Water Column Height (ft) 20.4	(Circle One)	4" = 0.66	6" = 1.50	8" = 2.60
One Well Volume (gals.) 3.46	FiveWell Volumes (gals.) 17.34			
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
3.46	~3.5	48.7	1.26	180	
	~7	50.3	1.32	116	
	~15.5	52.7	1.30	83.1	
	~14	52.6	1.32	75.4	

Comments: amount purged 18 gal

Sampling Information

Date: 1/17/13	Time Sampled: 1235	Field Personnel:	R C Becken
Measured Water Level (TOR ft.): 7.78			

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-21	52.4	6.71	1.30	67.5	

QA/QC Samples Taken: MS + MSD
Comments:

Signature

Sampler (Print): Richard C. Becken	*Sampler (signature):* Richard C Becken	Date: 1/17/13	

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

Monitoring Well I.D.: B-22	Date: 1/17/13	Time Started: 11[illegible]	Field Personnel: RC Becken
Weather Conditions: cold light snow			
Comments:			

Initial Readings

Measured Well Bottom (TOR - ft)	35.75	Riser Pipe Diameter (in)	2 in.		
Measured Water Level (TOR - ft)	21.03	Conversion Factor (gal/lineal ft)	1.25" = 0.08	2" = 0.17	3" = 0.38
Calculated Water Column Height (ft)	14.47	(Circle One)	4" = 0.66	6" = 1.50	8" = 2.60
One Well Volume (gals.)	2.53	FiveWell Volumes (gals.)	12.6		
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
2.53	~2.5	44.8	1.18	135	
	~5	51.5	1.28	138	
	~7.5	52.0	1.28	94.9	
	~10	51.8	1.28	87.4	

Comments: amount purged 13 gal

Sampling Information

Date: 1/17/13	Time Sampled: 1140	Field Personnel:	R C Becken
Measured Water Level (TOR ft.): 21.1			

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-22	50.9	6.39	1.29	65.4	

QA/QC Samples Taken:
Comments:

Signature

Sampler (Print): Richard C. Becken	Sampler (signature): Richard C Becken	Date: 1/17/13

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

Monitoring Well I.D.: B-23	Date: 1/23/13	Time Started: 1045	Field Personnel: RC Becken
Weather Conditions: clear cold			
Comments:			

Initial Readings

Measured Well Bottom (TOR - ft) 31.7	Riser Pipe Diameter (in) 2 in.			
Measured Water Level (TOR - ft) 20.96	Conversion Factor (gal/lineal ft)	1.25" = 0.08	2" = 0.17	3" = 0.38
Calculated Water Column Height (ft) 10.74	(Circle One)	4" = 0.66	6" = 1.50	8" = 2.60
One Well Volume (gals.) 1.83	FiveWell Volumes (gals.) 9.1			
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
1.83	2	48.1	1.15	51.0	
	4	49.5	1.08	49.5	
	6	50.3	1.07	52.9	
	8	50.9	1.06	75.5	

Comments: Amount purged 9.5 gal

Sampling Information

Date: 1/23/13	Time Sampled: 1120	Field Personnel:	R C Becken
Measured Water Level (TOR ft.): 21.42			

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-23	50.3	7.10	1.08	73.3	

QA/QC Samples Taken:
Comments:

Signature

Sampler (Print): Richard C. Becken	*Sampler (signature):* Richard C Becken	Date: 1/23/13

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

Monitoring Well I.D.: B-24	Date: 1/23/13	Time Started: 0945	Field Personnel: RC Becken
Weather Conditions: Clear cold			
Comments:			

Initial Readings

Measured Well Bottom (TOR - ft) 26.72	Riser Pipe Diameter (in) 2 in.		
Measured Water Level (TOR - ft) 11.01	Conversion Factor (gal/lineal ft)	1.25" = 0.08	2" = 0.17 3" = 0.38
Calculated Water Column Height (ft) 15.71	(Circle One)	4" = 0.66	6" = 1.50 8" = 2.60
One Well Volume (gals.) 2.67	FiveWell Volumes (gals.) 13.4		
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:

Well Volume	Gallons Purged (gal)	Temperature (deg C)	Specific Conductivity (mS/cm)	Turbidity (NTU's)	Comments
2.67	~2.5	47.5	0.95	37.5	
	~5	48.1	0.96	30.6	
	~7.5	47.1	0.94	21.2	
	~10	48.5	0.96	31.9	

Comments: Amount purged 14 gal

Sampling Information

Date: 1/23/13	Time Sampled: 1020	Field Personnel: R C Becken	
Measured Water Level (TOR ft.): 11.05			

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-24	47.2	7.07	0.93	22.3	

QA/QC Samples Taken:
Comments:

Signature

Sampler (Print): Richard C. Becken	Sampler (signature): Richard C Becken	Date: 1/23/13

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

Monitoring Well I.D.: B-28	Date: 11/14/13	Time Started: 1245	Field Personnel: RC Becken
Weather Conditions: light snow cold			
Comments:			

Initial Readings

Measured Well Bottom (TOR - ft) 34.55	Riser Pipe Diameter (in) 2 in.			
Measured Water Level (TOR - ft) 24.98	Conversion Factor (gal/lineal ft)	1.25" = 0.08	2" = 0.17	3" = 0.38
Calculated Water Column Height (ft) 9.57	(Circle One)	4" = 0.66	6" = 1.50	8" = 2.60
One Well Volume (gals.) 1.627	FiveWell Volumes (gals.) 5.1			
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: 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
1.63	~1.5	50.2	0.94	1000+	
	~3	51.9	0.95	1000+	
	~4.5	52.6	1.00	514	
	~6	52.4	1.01	674	

Comments: amount purged 8.5 gal

Sampling Information

Date: 1/17/13	Time Sampled: 120	Field Personnel: R C Becken	
Measured Water Level (TOR ft.): 25.7			

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-28	49.5	7.01	1.02	439	

QA/QC Samples Taken:
Comments:

Signature

Sampler (Print): Richard C. Becken	*Sampler (signature):* Richard C Becken	Date: 1/17/13

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

Monitoring Well I.D.: B-38	Date: 1/17/13	Time Started: 0950	Field Personnel: RC Becken
Weather Conditions: cold			
Comments:			

Initial Readings

Measured Well Bottom (TOR - ft)	41.22	Riser Pipe Diameter (in)	2 in.		
Measured Water Level (TOR - ft)	27.25	Conversion Factor (gal/lineal ft)	1.25" = 0.08	2" = 0.17	3" = 0.38
Calculated Water Column Height (ft)	13.97	(Circle One)	4" = 0.66	6" = 1.50	8" = 2.60
One Well Volume (gals.)	2.37	FiveWell Volumes (gals.)	11.9		

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:

Well Volume	Gallons Purged (gal)	Temperature (deg C)	Specific Conductivity (mS/cm)	Turbidity (NTU's)	Comments
2.37	~2.5	51.4	1.25	70.5	
	~5	50.7	1.27	55.4	
	~7.5	50.7	1.35	52.4	
	~10	50.1	1.35	83.0	

Comments: amount purged 12 gal.

Sampling Information

Date: 1/17/13	Time Sampled: 1035	Field Personnel:	R C Becken
Measured Water Level (TOR ft.): 27.46			

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-38	48.6	7.18	1.33	131	

QA/QC Samples Taken:

Comments:

Signature

Sampler (Print):	Richard C. Becken	Sampler (signature): Richard C Becken	Date: 1/17/13

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

Monitoring Well I.D.: B-39	Date: 1/24/13	Time Started: ~~0950~~ 1050	Field Personnel: RC Becken
Weather Conditions: snow			
Comments:			

Initial Readings

Measured Well Bottom (TOR - ft) 43.95	Riser Pipe Diameter (in) 2 in.				
Measured Water Level (TOR - ft) 11.35	Conversion Factor (gal/lineal ft) (Circle One)	1.25" = 0.08	2" = 0.17	3" = 0.38	
Calculated Water Column Height (ft) 32.6		4" = 0.66	6" = 1.50	8" = 2.60	
One Well Volume (gals.) 5.54	FiveWell Volumes (gals.) 27.71				

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
5.54	5.5	50.0	0.84	4.53	
	11	50.3	0.85	2.14	
	16.5	51.5	0.83	1.55	
	22	51.7	0.81	1.64	

Comments: Amount purged 28 gal

Sampling Information

Date: 1/24/13	Time Sampled: 1130	Field Personnel:	R C Becken
Measured Water Level (TOR ft.): 11.43			

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-39	49.9	7.01	0.82	28.6	

QA/QC Samples Taken: MS + MSD

Comments:

Signature

Sampler (Print): Richard C. Becken	Sampler (signature): Richard C Becken	Date: 1/24/13	

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

Monitoring Well I.D.: B-40	Date: 1/24/13	Time Started: 0945	Field Personnel: RC Becken
Weather Conditions: snow cold			
Comments:			

Initial Readings

Measured Well Bottom (TOR - ft)	57.95	Riser Pipe Diameter (in)	2 in.		
Measured Water Level (TOR - ft)	12.56	Conversion Factor (gal/lineal ft)	1.25" = 0.08	2" = 0.17	3" = 0.38
Calculated Water Column Height (ft)	45.39	(Circle One)	4" = 0.66	6" = 1.50	8" = 2.60
One Well Volume (gals.)	7.7	FiveWell Volumes (gals.)	38.5		

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:
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
7.7	7.7	50.9	1.23	5.10	
	15.4	50.3	1.00	2.54	
	23.1	50.1	0.99	1.59	
	32.3	49.2	0.98	2.29	

Comments: Amount purged 39 gals

Sampling Information

Date: 1/24/13	Time Sampled: 1030	Field Personnel:	R C Becken

Measured Water Level (TOR ft): 24.35

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-40	50.2	7.23	1.36	23	

QA/QC Samples Taken:

Comments:

Signature

Sampler (Print): Richard C. Becken	Sampler (signature): Richard C Becken	Date: 1/24/13

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

Monitoring Well I.D.: B-41	Date: 11/24/13	Time Started: 0835	Field Personnel: RC Becken
Weather Conditions: snowing cold			
Comments:			

Initial Readings

Measured Well Bottom (TOR - ft) 72.64	Riser Pipe Diameter (in) 2 in.			
Measured Water Level (TOR - ft) 15.26	Conversion Factor (gal/lineal ft)	1.25" = 0.08	2" = 0.17	3" = 0.38
Calculated Water Column Height (ft) 57.38	(Circle One)	4" = 0.66	6" = 1.50	8" = 2.60
One Well Volume (gals.) 9.75	FiveWell Volumes (gals.) 49			
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
9.75	10	54.2	1.09	32.4	
	20	49.8	1.27	5.40	
	30	50.5	1.42	4.59	
	40	50.0	1.48	2.56	

Comments: Amount purged 50 gal

Sampling Information

Date: 1/24/13	Time Sampled: 0940	Field Personnel:	R C Becken
Measured Water Level (TOR ft.): 22.31			

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-41	50.3	7.04	1.02	15.2	

QA/QC Samples Taken: Field Dup #3

Comments:

Signature

Sampler (Print): Richard C. Becken	Sampler (signature): Richard C Becken	Date: 11/24/13

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

Monitoring Well I.D.: B-42	Date: 1/22/13	Time Started: 0845	Field Personnel: RC Becken
Weather Conditions: Cold clear, windy			
Comments:			

Initial Readings

Measured Well Bottom (TOR - ft)	45.41	Riser Pipe Diameter (in)	2 in.		
Measured Water Level (TOR - ft)	8.71	Conversion Factor (gal/lineal ft)	1.25" = 0.08	2" = 0.17	3" = 0.38
Calculated Water Column Height (ft)	36.7	(Circle One)	4" = 0.66	6" = 1.50	8" = 2.60
One Well Volume (gals.)	6.24	FiveWell Volumes (gals.)	31.2		
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:
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
6.25	~6.25	51.6	.88	15.2	
	~12.5	52.4	.86	5.48	
	18.75	52.1	.87	3.86	
	25	52.2	.87	4.61	

Comments: Around purged 32 gal

Sampling Information

Date: 1/22/13	Time Sampled: 0915	Field Personnel:	R C Becken
Measured Water Level (TOR ft.): 8.75			

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-42	40.6	6.25	0.81	15.9	

QA/QC Samples Taken: Field Dup #1
Comments:

Signature

Sampler (Print):	Richard C. Becken	*Sampler (signature):*	Date: 1/22/13

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

Monitoring Well I.D.: B-43	Date: 11/22/13	Time Started: 0925	Field Personnel: RC Becken
Weather Conditions: cold windy clear			
Comments:			

Initial Readings

Measured Well Bottom (TOR - ft) 58.86	Riser Pipe Diameter (in) 2 in.			
Measured Water Level (TOR - ft) 11.3	Conversion Factor (gal/lineal ft)	1.25" = 0.08	2" = 0.17	3" = 0.38
Calculated Water Column Height (ft) 47.56	(Circle One)	4" = 0.66	6" = 1.50	8" = 2.60
One Well Volume (gals.) 8.09	FiveWell Volumes (gals.) 40.4			
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
8.09	8	49.2	1.72	4.64	
	16	49.1	1.71	6.17	
	24	46.3	1.51	4.57	
	32	47.1	1.45	2.84	

Comments: amount purged 41 gal

Sampling Information

Date: 11/22/13	Time Sampled: 1100	Field Personnel: R C Becken	
Measured Water Level (TOR ft.): 50.11			

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-43	48.1	6.89	1.46	19.5	

QA/QC Samples Taken:
Comments:

Signature

Sampler (Print): Richard C. Becken	Sampler (signature): Richard C Becken	Date: 11/22/13	

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

Monitoring Well I.D.: B-44	Date: 11/24/13	Time Started: 1135	Field Personnel: RC Becken
Weather Conditions: cold			
Comments:			

Initial Readings

Measured Well Bottom (TOR - ft) 84.45	Riser Pipe Diameter (in) 2 in.			
Measured Water Level (TOR - ft) 14.9	Conversion Factor (gal/lineal ft)	1.25" = 0.08	2" = 0.17	3" = 0.38
Calculated Water Column Height (ft) 69.55	(Circle One)	4" = 0.66	6" = 1.50	8" = 2.60
One Well Volume (gals.) 11.8	FiveWell Volumes (gals.) 59			
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
11.8	12	47.9	2.67	14.5	
	24	50.3	2.80	17.4	
	36	50.2	2.81	35.0	well dry

Comments: Amount purged 36.5 gal

Sampling Information

Date: 11/24/13	Time Sampled: 1345	Field Personnel:	R C Becken
Measured Water Level (TOR ft.): 67.83			

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-44	48.8	6.95	2.75	12.1	

QA/QC Samples Taken:
Comments:

Signature

Sampler (Print): Richard C. Becken	Sampler (signature): Richard C Becken	Date: 11/24/13

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

Monitoring Well I.D.: B-48	Date: 1/22/13	Time Started: 1340	Field Personnel: RC Becken
Weather Conditions: cold windy			
Comments:			

Initial Readings

Measured Well Bottom (TOR - ft) 46.95	Riser Pipe Diameter (in) 2 in.		
Measured Water Level (TOR - ft) 10.73	Conversion Factor (gal/lineal ft)	1.25" = 0.08	2" = 0.17 3" = 0.38
Calculated Water Column Height (ft) 36.22	(Circle One)	4" = 0.66	6" = 1.50 8" = 2.60
One Well Volume (gals.) 6.16	FiveWell Volumes (gals.) 30.78		
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
6.16	~6	49.6	0.91	28.6	
	~12	50.2	0.91	9.56	
	~18	50.5	0.91	5.56	
	~24	50.3	0.93	3.67	

Comments: amount pumped 31 gal

Sampling Information

Date: 1/22/13	Time Sampled: 1415	Field Personnel:	R C Becken
Measured Water Level (TOR ft.): 10.83			

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-48	45.1	7.74	0.89	10.2	

QA/QC Samples Taken:
Comments:

Signature

Sampler (Print): Richard C. Becken	*Sampler (signature):* Richard C. Becken	Date: 1/22/13

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

Monitoring Well I.D.: B-49	Date: 1/22/13	Time Started: 1225	Field Personnel: RC Becken
Weather Conditions: cold windy			
Comments:			

Initial Readings

Measured Well Bottom (TOR - ft) 32.48	Riser Pipe Diameter (in) 2 in.		
Measured Water Level (TOR - ft) 22.7	Conversion Factor (gal/lineal ft)	1.25" = 0.08	2" = 0.17 (circled) 3" = 0.38
Calculated Water Column Height (ft) 59.78	(Circle One)	4" = 0.66	6" = 1.50 8" = 2.60
One Well Volume (gals.) 10.2	FiveWell Volumes (gals.) 51		
Notes:			

Well Conditions

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

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

Other:

Purge Information

Purging Method (Circle one): Stainless Steel Bailer (circled) 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
10.2	10	47.7	2.52	26.4	
	20	47.5	2.79	4.49	
	30	47.5	2.85	2.74	
	40	49.5	2.92	2.17	

Comments: amount purged 51 gal

Sampling Information

Date: 1/22/13	Time Sampled: 1335	Field Personnel: R C Becken	
Measured Water Level (TOR ft.): 30.68			

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

Sample I.D	Temperature (deg C)	pH (S.U.)	Specific Conductivity (mS/cm)	Turbidity (NTU's)	Comments
B-49	45.4	7.5	2.66	44.5	

QA/QC Samples Taken:
Comments:

Signature

Sampler (Print): Richard C. Becken	*Sampler (signature):* Richard C Becken	Date: 1/22/13

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

Monitoring Well I.D.: B-56	Date: 1/23/13	Time Started: 0900	Field Personnel: RC Becken
Weather Conditions: clear cold			
Comments:			

Initial Readings

Measured Well Bottom (TOR - ft)	39.61	Riser Pipe Diameter (in)	2 in.		
Measured Water Level (TOR - ft)	21.38	Conversion Factor (gal/lineal ft)	1.25" = 0.08	2" = 0.17	3" = 0.38
Calculated Water Column Height (ft)	18.23	(Circle One)	4" = 0.66	6" = 1.50	8" = 2.60
One Well Volume (gals.)	3.1	FiveWell Volumes (gals.)	15.5		
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:		
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
3.1	3	47.5	1.26	213	
	6	48.8	1.00	39	
	9	49.1	0.90	15.4	
	12	49.4	0.88	6.31	

Comments: Amount purged 16 gal

Sampling Information

Date: 1/23/13	Time Sampled: 0940	Field Personnel:	R C Becken
Measured Water Level (TOR ft.):	22.23		

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-56	48.4	7.66	1.21	152	

QA/QC Samples Taken:
Comments:

Signature

Sampler (Print):	Richard C. Becken	*Sampler (signature):* Richard C Becken	Date: 1/23/13

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

Monitoring Well I.D.: B-57	Date: 1/23/13	Time Started: 0830	Field Personnel: RC Becken
Weather Conditions: cold clear			
Comments:			

Initial Readings

Measured Well Bottom (TOR - ft)	50.56	Riser Pipe Diameter (in)	2 in.		
Measured Water Level (TOR - ft)	25.05	Conversion Factor (gal/lineal ft)	1.25" = 0.08	2" = 0.17	3" = 0.38
Calculated Water Column Height (ft)	25.51	(Circle One)	4" = 0.66	6" = 1.50	8" = 2.60
One Well Volume (gals.)	4.34	FiveWell Volumes (gals.)	21.68		
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
4.34	~4.5	47.9	2.35	9.87	
	~9	46.2	2.32	9.57	well dry at 10 gal

Comments: 10 gal purged

Sampling Information

Date: 1/23/13	Time Sampled: 1030	Field Personnel:	R C Becken
Measured Water Level (TOR ft.):	46.12		

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

Sample I.D.	Temperature (deg C)	pH (S.U.)	Specific Conductivity (mS/cm)	Turbidity (NTU's)	Comments
B-57	47.4	7.02	2.11	14.7	

QA/QC Samples Taken: Field Dup #2

Comments:

Signature

Sampler (Print):	Richard C. Becken	Sampler (signature): Richard C Becken	Date: 1/23/13

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

Monitoring Well I.D.: P-2	Date: 1/24/13	Time Started: 1310	Field Personnel: RC Becken
Weather Conditions: cold clear			
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: 1/24/13	Time Sampled: 1310	Field Personnel: R C Becken	
Measured Water Level (TOR ft.): 5.63			

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	49.4	7.19	1.01	1.92	

QA/QC Samples Taken:

Comments:

Signature

Sampler (Print): Richard C. Becken	Sampler (signature): Richard C Becken	Date: 1/24/13

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

Monitoring Well I.D.: P-3	Date: 1/24/13	Time Started: 1245	Field Personnel: RC Becken
Weather Conditions: Snow cold			
Comments:			

Initial Readings

Measured Well Bottom (TOR - ft)	Riser Pipe Diameter (in) 8 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: 1/24/13	Time Sampled: 1245	Field Personnel:	R C Becken
Measured Water Level (TOR ft.): 27.45			

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-3	49.5	7.71	1.55	9.87	

QA/QC Samples Taken:

Comments:

Signature

Sampler (Print): Richard C. Becken	Sampler (signature): Richard C Becken	Date: 1/24/13

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

Monitoring Well I.D.: P-4	Date: 1/22/13	Time Started: 1215	Field Personnel: RC Becken
Weather Conditions: cold windy			
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 / Teflon Bailer / Peristaltic Pump / Polyethylene Bailer / Sample Port (Pumping Wells Only) / Other:

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

Comments:

Sampling Information

Date: 1/22/13	Time Sampled: 1215	Field Personnel: R C Becken	
Measured Water Level (TOR ft.):			

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

Sample I.D.	Temperature (deg C)	pH (S.U.)	Specific Conductivity (mS/cm)	Turbidity (NTU's)	Comments
P-4	49.4	7.47	0.97	10.6	

QA/QC Samples Taken:

Comments:

Signature

Sampler (Print): Richard C. Becken	Sampler (signature): Richard C Becken	Date: 1/22/13

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

Monitoring Well I.D.: PW-1	Date: 1/22/13	Time Started:	Field Personnel: RC Becken
Weather Conditions: cold windy			
Comments:			

Initial Readings

Measured Well Bottom (TOR - ft)	Riser Pipe Diameter (in) 2 in.			
Measured Water Level (TOR - ft) 17.17	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:

Sampling Information

Date: 1/22/13	Time Sampled: 1200	Field Personnel:	R C Becken
Measured Water Level (TOR ft.): 17.17			

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	51.7	7.19	0.79	13.7	

QA/QC Samples Taken: MS + MSD
Comments:

Signature

Sampler (Print): Richard C. Becken	Sampler (signature): Richard C Becken	Date: 1/22/13	

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

Monitoring Well I.D.: PW-3	Date: 1/24/13	Time Started: 1035	Field Personnel: RC Becken
Weather Conditions: Snow cold			
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: 1/24/13	Time Sampled: 1035	Field Personnel:	R C Becken

Measured Water Level (TOR ft.): 14.65

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
PW-3	45.3	7.14	1.18	6.04	

QA/QC Samples Taken:

Comments:

Signature

Sampler (Print):	Richard C. Becken	Sampler (signature): Richard C Becken	Date: 1/24/13

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

Monitoring Well I.D.: PW-4	Date: 11/24/13	Time Started: 1320	Field Personnel: RC Becken
Weather Conditions: cold clear			
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: 11/24/13	Time Sampled: 1320	Field Personnel:	R C Becken
Measured Water Level (TOR ft.):	6.66		

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	48.2	7.21	0.63	92.7	

QA/QC Samples Taken:
Comments:

Signature

Sampler (Print): Richard C. Becken	Sampler (signature): Richard C Becken	Date: 11/24/13

APPENDIX B

LABORATORY DATA REPORTS

ANALYTICAL RESULTS

Prepared by:

Lancaster Laboratories
2425 New Holland Pike
Lancaster, PA 17605-2425

Prepared for:

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

January 22, 2013

Project: BP Sanborn

Submittal Date: 01/18/2013
Group Number: 1363095
PO Number: D00B4-0004
Release Number: BARBER
State of Sample Origin: NY

Client Sample Description	Lancaster Labs (LLI) #
B-28 Water	6926975
B-21 Water	6926976
B-21 Matrix Spike Water	6926977
B-21 Matrix Spike Dup Water	6926978
B-22 Water	6926979
B-38 Water	6926980
B-9 Water	6926981

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

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

2425 New Holland Pike, PO Box 12425, Lancaster, PA 17605-2425 •717-656-2300 Fax:717-656-2681• www.lancasterlabs.com

Respectfully Submitted,

Kaitlin N. Plasterer

Kaitlin N. Plasterer
Specialist

(717) 556-7323

Project Name: BP Sanborn
LLI Group #: 1363095

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:

No additional comments are necessary.

Sample Description: B-28 Water
BP Sanborn COC: 187722
2040 Cory Drive - Sanborn, NY B-28

LLI Sample # WW 6926975
LLI Group # 1363095
Account # 12495

Project Name: BP Sanborn

Collected: 01/17/2013 13:20 by RB

Submitted: 01/18/2013 09:15
Reported: 01/22/2013 15:21

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

BPS28

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit*	As Received Limit of Quantitation	Dilution Factor
GC/MS Volatiles	**SW-846 8260B**		ug/l	ug/l	ug/l	
10335	Benzyl Chloride	100-44-7	N.D.	1.0	5.0	1
10335	Bromobenzene	108-86-1	N.D.	1.0	5.0	1
10335	Bromodichloromethane	75-27-4	N.D.	1.0	5.0	1
10335	Bromoform	75-25-2	N.D.	1.0	5.0	1
10335	Bromomethane	74-83-9	N.D.	1.0	5.0	1
10335	Carbon Tetrachloride	56-23-5	N.D.	1.0	5.0	1
10335	Chlorobenzene	108-90-7	N.D.	0.80	5.0	1
10335	Chloroethane	75-00-3	N.D.	1.0	5.0	1
10335	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.					
10335	Chloroform	67-66-3	N.D.	0.80	5.0	1
10335	Chloromethane	74-87-3	N.D.	1.0	5.0	1
10335	Dibromochloromethane	124-48-1	N.D.	1.0	5.0	1
10335	Dibromomethane	74-95-3	N.D.	1.0	5.0	1
10335	1,2-Dichlorobenzene	95-50-1	N.D.	1.0	5.0	1
10335	1,3-Dichlorobenzene	541-73-1	N.D.	1.0	5.0	1
10335	1,4-Dichlorobenzene	106-46-7	N.D.	1.0	5.0	1
10335	Dichlorodifluoromethane	75-71-8	N.D.	2.0	5.0	1
10335	1,1-Dichloroethane	75-34-3	N.D.	1.0	5.0	1
10335	1,2-Dichloroethane	107-06-2	N.D.	1.0	5.0	1
10335	1,1-Dichloroethene	75-35-4	N.D.	0.80	5.0	1
10335	cis-1,2-Dichloroethene	156-59-2	N.D.	0.80	5.0	1
10335	trans-1,2-Dichloroethene	156-60-5	N.D.	0.80	5.0	1
10335	1,2-Dichloropropane	78-87-5	N.D.	1.0	5.0	1
10335	cis-1,3-Dichloropropene	10061-01-5	N.D.	1.0	5.0	1
10335	trans-1,3-Dichloropropene	10061-02-6	N.D.	1.0	5.0	1
10335	Methylene Chloride	75-09-2	N.D.	2.0	5.0	1
10335	1,1,1,2-Tetrachloroethane	630-20-6	N.D.	1.0	5.0	1
10335	1,1,2,2-Tetrachloroethane	79-34-5	N.D.	1.0	5.0	1
10335	Tetrachloroethene	127-18-4	N.D.	0.80	5.0	1
10335	1,1,1-Trichloroethane	71-55-6	N.D.	0.80	5.0	1
10335	1,1,2-Trichloroethane	79-00-5	N.D.	0.80	5.0	1
10335	Trichloroethene	79-01-6	N.D.	1.0	5.0	1
10335	Trichlorofluoromethane	75-69-4	N.D.	2.0	5.0	1
10335	1,2,3-Trichloropropane	96-18-4	N.D.	1.0	5.0	1
10335	Vinyl Chloride	75-01-4	N.D.	1.0	5.0	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-28 Water
BP Sanborn COC: 187722
2040 Cory Drive - Sanborn, NY B-28

LLI Sample # WW 6926975
LLI Group # 1363095
Account # 12495

Project Name: BP Sanborn

Collected: 01/17/2013 13:20 by RB

Submitted: 01/18/2013 09:15
Reported: 01/22/2013 15:21

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

BPS28

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
10335	VOCs 8260 Parsons Specs List	SW-846 8260B	1	T130211AA	01/21/2013 19:09	Sarah A Guill	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	T130211AA	01/21/2013 19:09	Sarah A Guill	1

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

Sample Description: B-21 Water
BP Sanborn COC: 187722
2040 Cory Drive - Sanborn, NY B-21

LLI Sample # WW 6926976
LLI Group # 1363095
Account # 12495

Project Name: BP Sanborn

Collected: 01/17/2013 12:35 by RB

Submitted: 01/18/2013 09:15
Reported: 01/22/2013 15:21

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

BPS21

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit*	As Received Limit of Quantitation	Dilution Factor
GC/MS Volatiles	**SW-846 8260B**		ug/l	ug/l	ug/l	
10335	Benzyl Chloride	100-44-7	N.D.	1.0	5.0	1
10335	Bromobenzene	108-86-1	N.D.	1.0	5.0	1
10335	Bromodichloromethane	75-27-4	N.D.	1.0	5.0	1
10335	Bromoform	75-25-2	N.D.	1.0	5.0	1
10335	Bromomethane	74-83-9	N.D.	1.0	5.0	1
10335	Carbon Tetrachloride	56-23-5	N.D.	1.0	5.0	1
10335	Chlorobenzene	108-90-7	N.D.	0.80	5.0	1
10335	Chloroethane	75-00-3	N.D.	1.0	5.0	1
10335	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.					
10335	Chloroform	67-66-3	N.D.	0.80	5.0	1
10335	Chloromethane	74-87-3	N.D.	1.0	5.0	1
10335	Dibromochloromethane	124-48-1	N.D.	1.0	5.0	1
10335	Dibromomethane	74-95-3	N.D.	1.0	5.0	1
10335	1,2-Dichlorobenzene	95-50-1	N.D.	1.0	5.0	1
10335	1,3-Dichlorobenzene	541-73-1	N.D.	1.0	5.0	1
10335	1,4-Dichlorobenzene	106-46-7	N.D.	1.0	5.0	1
10335	Dichlorodifluoromethane	75-71-8	N.D.	2.0	5.0	1
10335	1,1-Dichloroethane	75-34-3	N.D.	1.0	5.0	1
10335	1,2-Dichloroethane	107-06-2	N.D.	1.0	5.0	1
10335	1,1-Dichloroethene	75-35-4	N.D.	0.80	5.0	1
10335	cis-1,2-Dichloroethene	156-59-2	N.D.	0.80	5.0	1
10335	trans-1,2-Dichloroethene	156-60-5	N.D.	0.80	5.0	1
10335	1,2-Dichloropropane	78-87-5	N.D.	1.0	5.0	1
10335	cis-1,3-Dichloropropene	10061-01-5	N.D.	1.0	5.0	1
10335	trans-1,3-Dichloropropene	10061-02-6	N.D.	1.0	5.0	1
10335	Methylene Chloride	75-09-2	N.D.	2.0	5.0	1
10335	1,1,1,2-Tetrachloroethane	630-20-6	N.D.	1.0	5.0	1
10335	1,1,2,2-Tetrachloroethane	79-34-5	N.D.	1.0	5.0	1
10335	Tetrachloroethene	127-18-4	N.D.	0.80	5.0	1
10335	1,1,1-Trichloroethane	71-55-6	N.D.	0.80	5.0	1
10335	1,1,2-Trichloroethane	79-00-5	N.D.	0.80	5.0	1
10335	Trichloroethene	79-01-6	N.D.	1.0	5.0	1
10335	Trichlorofluoromethane	75-69-4	N.D.	2.0	5.0	1
10335	1,2,3-Trichloropropane	96-18-4	N.D.	1.0	5.0	1
10335	Vinyl Chloride	75-01-4	N.D.	1.0	5.0	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-21 Water
BP Sanborn COC: 187722
2040 Cory Drive - Sanborn, NY B-21

LLI Sample # WW 6926976
LLI Group # 1363095
Account # 12495

Project Name: BP Sanborn

Collected: 01/17/2013 12:35 by RB

Submitted: 01/18/2013 09:15
Reported: 01/22/2013 15:21

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

BPS21

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
10335	VOCs 8260 Parsons Specs List	SW-846 8260B	1	T130211AA	01/21/2013 19:33	Sarah A Guill	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	T130211AA	01/21/2013 19:33	Sarah A Guill	1

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

Sample Description: B-21 Matrix Spike Water
BP Sanborn COC: 187722
2040 Cory Drive - Sanborn, NY B-21

LLI Sample # WW 6926977
LLI Group # 1363095
Account # 12495

Project Name: BP Sanborn

Collected: 01/17/2013 12:35 by RB

Submitted: 01/18/2013 09:15
Reported: 01/22/2013 15:21

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

BPS21

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit*	As Received Limit of Quantitation	Dilution Factor
GC/MS Volatiles	**SW-846 8260B**		ug/l	ug/l	ug/l	
10335	Benzyl Chloride	100-44-7	18	1.0	5.0	1
10335	Bromobenzene	108-86-1	20	1.0	5.0	1
10335	Bromodichloromethane	75-27-4	21	1.0	5.0	1
10335	Bromoform	75-25-2	19	1.0	5.0	1
10335	Bromomethane	74-83-9	21	1.0	5.0	1
10335	Carbon Tetrachloride	56-23-5	22	1.0	5.0	1
10335	Chlorobenzene	108-90-7	20	0.80	5.0	1
10335	Chloroethane	75-00-3	20	1.0	5.0	1
10335	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.					
10335	Chloroform	67-66-3	21	0.80	5.0	1
10335	Chloromethane	74-87-3	20	1.0	5.0	1
10335	Dibromochloromethane	124-48-1	21	1.0	5.0	1
10335	Dibromomethane	74-95-3	21	1.0	5.0	1
10335	1,2-Dichlorobenzene	95-50-1	19	1.0	5.0	1
10335	1,3-Dichlorobenzene	541-73-1	20	1.0	5.0	1
10335	1,4-Dichlorobenzene	106-46-7	20	1.0	5.0	1
10335	Dichlorodifluoromethane	75-71-8	20	2.0	5.0	1
10335	1,1-Dichloroethane	75-34-3	21	1.0	5.0	1
10335	1,2-Dichloroethane	107-06-2	21	1.0	5.0	1
10335	1,1-Dichloroethene	75-35-4	21	0.80	5.0	1
10335	cis-1,2-Dichloroethene	156-59-2	21	0.80	5.0	1
10335	trans-1,2-Dichloroethene	156-60-5	21	0.80	5.0	1
10335	1,2-Dichloropropane	78-87-5	21	1.0	5.0	1
10335	cis-1,3-Dichloropropene	10061-01-5	22	1.0	5.0	1
10335	trans-1,3-Dichloropropene	10061-02-6	20	1.0	5.0	1
10335	Methylene Chloride	75-09-2	21	2.0	5.0	1
10335	1,1,1,2-Tetrachloroethane	630-20-6	21	1.0	5.0	1
10335	1,1,2,2-Tetrachloroethane	79-34-5	20	1.0	5.0	1
10335	Tetrachloroethene	127-18-4	22	0.80	5.0	1
10335	1,1,1-Trichloroethane	71-55-6	22	0.80	5.0	1
10335	1,1,2-Trichloroethane	79-00-5	20	0.80	5.0	1
10335	Trichloroethene	79-01-6	22	1.0	5.0	1
10335	Trichlorofluoromethane	75-69-4	25	2.0	5.0	1
10335	1,2,3-Trichloropropane	96-18-4	19	1.0	5.0	1
10335	Vinyl Chloride	75-01-4	19	1.0	5.0	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-21 Matrix Spike Water
BP Sanborn COC: 187722
2040 Cory Drive - Sanborn, NY B-21

LLI Sample # WW 6926977
LLI Group # 1363095
Account # 12495

Project Name: BP Sanborn

Collected: 01/17/2013 12:35 by RB

Submitted: 01/18/2013 09:15
Reported: 01/22/2013 15:21

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

BPS21

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
10335	VOCs 8260 Parsons Specs List	SW-846 8260B	1	T130211AA	01/21/2013 19:57	Sarah A Guill	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	T130211AA	01/21/2013 19:57	Sarah A Guill	1

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

Sample Description: B-21 Matrix Spike Dup Water
BP Sanborn COC: 187722
2040 Cory Drive - Sanborn, NY B-21

LLI Sample # WW 6926978
LLI Group # 1363095
Account # 12495

Project Name: BP Sanborn

Collected: 01/17/2013 12:35 by RB

Submitted: 01/18/2013 09:15
Reported: 01/22/2013 15:21

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

BPS21

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit*	As Received Limit of Quantitation	Dilution Factor
GC/MS Volatiles	**SW-846 8260B**		ug/l	ug/l	ug/l	
10335	Benzyl Chloride	100-44-7	18	1.0	5.0	1
10335	Bromobenzene	108-86-1	20	1.0	5.0	1
10335	Bromodichloromethane	75-27-4	21	1.0	5.0	1
10335	Bromoform	75-25-2	19	1.0	5.0	1
10335	Bromomethane	74-83-9	20	1.0	5.0	1
10335	Carbon Tetrachloride	56-23-5	22	1.0	5.0	1
10335	Chlorobenzene	108-90-7	20	0.80	5.0	1
10335	Chloroethane	75-00-3	19	1.0	5.0	1
10335	2-Chloroethyl Vinyl Ether	110-75-8	20	2.0	10	1
	2-Chloroethyl vinyl ether may not be recovered if acid was used to preserve this sample.					
10335	Chloroform	67-66-3	21	0.80	5.0	1
10335	Chloromethane	74-87-3	20	1.0	5.0	1
10335	Dibromochloromethane	124-48-1	21	1.0	5.0	1
10335	Dibromomethane	74-95-3	21	1.0	5.0	1
10335	1,2-Dichlorobenzene	95-50-1	20	1.0	5.0	1
10335	1,3-Dichlorobenzene	541-73-1	20	1.0	5.0	1
10335	1,4-Dichlorobenzene	106-46-7	20	1.0	5.0	1
10335	Dichlorodifluoromethane	75-71-8	20	2.0	5.0	1
10335	1,1-Dichloroethane	75-34-3	21	1.0	5.0	1
10335	1,2-Dichloroethane	107-06-2	22	1.0	5.0	1
10335	1,1-Dichloroethene	75-35-4	21	0.80	5.0	1
10335	cis-1,2-Dichloroethene	156-59-2	21	0.80	5.0	1
10335	trans-1,2-Dichloroethene	156-60-5	21	0.80	5.0	1
10335	1,2-Dichloropropane	78-87-5	21	1.0	5.0	1
10335	cis-1,3-Dichloropropene	10061-01-5	22	1.0	5.0	1
10335	trans-1,3-Dichloropropene	10061-02-6	20	1.0	5.0	1
10335	Methylene Chloride	75-09-2	21	2.0	5.0	1
10335	1,1,1,2-Tetrachloroethane	630-20-6	21	1.0	5.0	1
10335	1,1,2,2-Tetrachloroethane	79-34-5	20	1.0	5.0	1
10335	Tetrachloroethene	127-18-4	22	0.80	5.0	1
10335	1,1,1-Trichloroethane	71-55-6	22	0.80	5.0	1
10335	1,1,2-Trichloroethane	79-00-5	21	0.80	5.0	1
10335	Trichloroethene	79-01-6	22	1.0	5.0	1
10335	Trichlorofluoromethane	75-69-4	24	2.0	5.0	1
10335	1,2,3-Trichloropropane	96-18-4	19	1.0	5.0	1
10335	Vinyl Chloride	75-01-4	19	1.0	5.0	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-21 Matrix Spike Dup Water**
BP Sanborn COC: 187722
2040 Cory Drive - Sanborn, NY B-21

LLI Sample # WW 6926978
LLI Group # 1363095
Account # 12495

Project Name: BP Sanborn

Collected: 01/17/2013 12:35 by RB

Submitted: 01/18/2013 09:15
Reported: 01/22/2013 15:21

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

BPS21

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
10335	VOCs 8260 Parsons Specs List	SW-846 8260B	1	T130211AA	01/21/2013 20:21	Sarah A Guill	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	T130211AA	01/21/2013 20:21	Sarah A Guill	1

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

Sample Description: B-22 Water
BP Sanborn COC: 187722
2040 Cory Drive - Sanborn, NY B-22

LLI Sample # WW 6926979
LLI Group # 1363095
Account # 12495

Project Name: BP Sanborn

Collected: 01/17/2013 11:40 by RB

Submitted: 01/18/2013 09:15
Reported: 01/22/2013 15:21

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

BPS22

CAT No.	Analysis Name	CAS Number	As Received Result		As Received Method Detection Limit*	As Received Limit of Quantitation	Dilution Factor
GC/MS Volatiles	**SW-846 8260B**		ug/l		ug/l	ug/l	
10335	Benzyl Chloride	100-44-7	N.D.		1.0	5.0	1
10335	Bromobenzene	108-86-1	N.D.		1.0	5.0	1
10335	Bromodichloromethane	75-27-4	N.D.		1.0	5.0	1
10335	Bromoform	75-25-2	N.D.		1.0	5.0	1
10335	Bromomethane	74-83-9	N.D.		1.0	5.0	1
10335	Carbon Tetrachloride	56-23-5	N.D.		1.0	5.0	1
10335	Chlorobenzene	108-90-7	N.D.		0.80	5.0	1
10335	Chloroethane	75-00-3	N.D.		1.0	5.0	1
10335	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.						
10335	Chloroform	67-66-3	N.D.		0.80	5.0	1
10335	Chloromethane	74-87-3	N.D.		1.0	5.0	1
10335	Dibromochloromethane	124-48-1	N.D.		1.0	5.0	1
10335	Dibromomethane	74-95-3	N.D.		1.0	5.0	1
10335	1,2-Dichlorobenzene	95-50-1	N.D.		1.0	5.0	1
10335	1,3-Dichlorobenzene	541-73-1	N.D.		1.0	5.0	1
10335	1,4-Dichlorobenzene	106-46-7	N.D.		1.0	5.0	1
10335	Dichlorodifluoromethane	75-71-8	N.D.		2.0	5.0	1
10335	1,1-Dichloroethane	75-34-3	N.D.		1.0	5.0	1
10335	1,2-Dichloroethane	107-06-2	N.D.		1.0	5.0	1
10335	1,1-Dichloroethene	75-35-4	N.D.		0.80	5.0	1
10335	cis-1,2-Dichloroethene	156-59-2	87		0.80	5.0	1
10335	trans-1,2-Dichloroethene	156-60-5	3.4	J	0.80	5.0	1
10335	1,2-Dichloropropane	78-87-5	N.D.		1.0	5.0	1
10335	cis-1,3-Dichloropropene	10061-01-5	N.D.		1.0	5.0	1
10335	trans-1,3-Dichloropropene	10061-02-6	N.D.		1.0	5.0	1
10335	Methylene Chloride	75-09-2	N.D.		2.0	5.0	1
10335	1,1,1,2-Tetrachloroethane	630-20-6	N.D.		1.0	5.0	1
10335	1,1,2,2-Tetrachloroethane	79-34-5	N.D.		1.0	5.0	1
10335	Tetrachloroethene	127-18-4	N.D.		0.80	5.0	1
10335	1,1,1-Trichloroethane	71-55-6	N.D.		0.80	5.0	1
10335	1,1,2-Trichloroethane	79-00-5	N.D.		0.80	5.0	1
10335	Trichloroethene	79-01-6	35		1.0	5.0	1
10335	Trichlorofluoromethane	75-69-4	N.D.		2.0	5.0	1
10335	1,2,3-Trichloropropane	96-18-4	N.D.		1.0	5.0	1
10335	Vinyl Chloride	75-01-4	N.D.		1.0	5.0	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-22 Water
BP Sanborn COC: 187722
2040 Cory Drive - Sanborn, NY B-22

LLI Sample # WW 6926979
LLI Group # 1363095
Account # 12495

Project Name: BP Sanborn

Collected: 01/17/2013 11:40 by RB

Submitted: 01/18/2013 09:15
Reported: 01/22/2013 15:21

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

BPS22

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
10335	VOCs 8260 Parsons Specs List	SW-846 8260B	1	T130211AA	01/21/2013 20:45	Sarah A Guill	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	T130211AA	01/21/2013 20:45	Sarah A Guill	1

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

Sample Description: B-38 Water
BP Sanborn COC: 187722
2040 Cory Drive - Sanborn, NY B-38

LLI Sample # WW 6926980
LLI Group # 1363095
Account # 12495

Project Name: BP Sanborn

Collected: 01/17/2013 10:35 by RB

Submitted: 01/18/2013 09:15
Reported: 01/22/2013 15:21

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

BPS38

CAT No.	Analysis Name	CAS Number	As Received Result		As Received Method Detection Limit*	As Received Limit of Quantitation	Dilution Factor
GC/MS Volatiles	**SW-846 8260B**		ug/l		ug/l	ug/l	
10335	Benzyl Chloride	100-44-7	N.D.		1.0	5.0	1
10335	Bromobenzene	108-86-1	N.D.		1.0	5.0	1
10335	Bromodichloromethane	75-27-4	N.D.		1.0	5.0	1
10335	Bromoform	75-25-2	N.D.		1.0	5.0	1
10335	Bromomethane	74-83-9	N.D.		1.0	5.0	1
10335	Carbon Tetrachloride	56-23-5	N.D.		1.0	5.0	1
10335	Chlorobenzene	108-90-7	N.D.		0.80	5.0	1
10335	Chloroethane	75-00-3	N.D.		1.0	5.0	1
10335	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.						
10335	Chloroform	67-66-3	N.D.		0.80	5.0	1
10335	Chloromethane	74-87-3	N.D.		1.0	5.0	1
10335	Dibromochloromethane	124-48-1	N.D.		1.0	5.0	1
10335	Dibromomethane	74-95-3	N.D.		1.0	5.0	1
10335	1,2-Dichlorobenzene	95-50-1	N.D.		1.0	5.0	1
10335	1,3-Dichlorobenzene	541-73-1	N.D.		1.0	5.0	1
10335	1,4-Dichlorobenzene	106-46-7	N.D.		1.0	5.0	1
10335	Dichlorodifluoromethane	75-71-8	N.D.		2.0	5.0	1
10335	1,1-Dichloroethane	75-34-3	N.D.		1.0	5.0	1
10335	1,2-Dichloroethane	107-06-2	N.D.		1.0	5.0	1
10335	1,1-Dichloroethene	75-35-4	N.D.		0.80	5.0	1
10335	cis-1,2-Dichloroethene	156-59-2	48		0.80	5.0	1
10335	trans-1,2-Dichloroethene	156-60-5	1.1	J	0.80	5.0	1
10335	1,2-Dichloropropane	78-87-5	N.D.		1.0	5.0	1
10335	cis-1,3-Dichloropropene	10061-01-5	N.D.		1.0	5.0	1
10335	trans-1,3-Dichloropropene	10061-02-6	N.D.		1.0	5.0	1
10335	Methylene Chloride	75-09-2	N.D.		2.0	5.0	1
10335	1,1,1,2-Tetrachloroethane	630-20-6	N.D.		1.0	5.0	1
10335	1,1,2,2-Tetrachloroethane	79-34-5	N.D.		1.0	5.0	1
10335	Tetrachloroethene	127-18-4	N.D.		0.80	5.0	1
10335	1,1,1-Trichloroethane	71-55-6	N.D.		0.80	5.0	1
10335	1,1,2-Trichloroethane	79-00-5	N.D.		0.80	5.0	1
10335	Trichloroethene	79-01-6	24		1.0	5.0	1
10335	Trichlorofluoromethane	75-69-4	N.D.		2.0	5.0	1
10335	1,2,3-Trichloropropane	96-18-4	N.D.		1.0	5.0	1
10335	Vinyl Chloride	75-01-4	N.D.		1.0	5.0	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-38 Water
BP Sanborn COC: 187722
2040 Cory Drive - Sanborn, NY B-38

LLI Sample # WW 6926980
LLI Group # 1363095
Account # 12495

Project Name: BP Sanborn

Collected: 01/17/2013 10:35 by RB

Submitted: 01/18/2013 09:15
Reported: 01/22/2013 15:21

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

BPS38

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
10335	VOCs 8260 Parsons Specs List	SW-846 8260B	1	T130211AA	01/21/2013 21:09	Sarah A Guill	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	T130211AA	01/21/2013 21:09	Sarah A Guill	1

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

Sample Description: B-9 Water
BP Sanborn COC: 187722
2040 Cory Drive - Sanborn, NY B-9

LLI Sample # WW 6926981
LLI Group # 1363095
Account # 12495

Project Name: BP Sanborn

Collected: 01/17/2013 14:15 by RB

Submitted: 01/18/2013 09:15
Reported: 01/22/2013 15:21

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

BPS-9

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit*	As Received Limit of Quantitation	Dilution Factor
GC/MS Volatiles	**SW-846 8260B**		ug/l	ug/l	ug/l	
10335	Benzyl Chloride	100-44-7	N.D.	1.0	5.0	1
10335	Bromobenzene	108-86-1	N.D.	1.0	5.0	1
10335	Bromodichloromethane	75-27-4	N.D.	1.0	5.0	1
10335	Bromoform	75-25-2	N.D.	1.0	5.0	1
10335	Bromomethane	74-83-9	N.D.	1.0	5.0	1
10335	Carbon Tetrachloride	56-23-5	N.D.	1.0	5.0	1
10335	Chlorobenzene	108-90-7	N.D.	0.80	5.0	1
10335	Chloroethane	75-00-3	N.D.	1.0	5.0	1
10335	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.					
10335	Chloroform	67-66-3	N.D.	0.80	5.0	1
10335	Chloromethane	74-87-3	N.D.	1.0	5.0	1
10335	Dibromochloromethane	124-48-1	N.D.	1.0	5.0	1
10335	Dibromomethane	74-95-3	N.D.	1.0	5.0	1
10335	1,2-Dichlorobenzene	95-50-1	N.D.	1.0	5.0	1
10335	1,3-Dichlorobenzene	541-73-1	N.D.	1.0	5.0	1
10335	1,4-Dichlorobenzene	106-46-7	N.D.	1.0	5.0	1
10335	Dichlorodifluoromethane	75-71-8	N.D.	2.0	5.0	1
10335	1,1-Dichloroethane	75-34-3	N.D.	1.0	5.0	1
10335	1,2-Dichloroethane	107-06-2	N.D.	1.0	5.0	1
10335	1,1-Dichloroethene	75-35-4	N.D.	0.80	5.0	1
10335	cis-1,2-Dichloroethene	156-59-2	N.D.	0.80	5.0	1
10335	trans-1,2-Dichloroethene	156-60-5	N.D.	0.80	5.0	1
10335	1,2-Dichloropropane	78-87-5	N.D.	1.0	5.0	1
10335	cis-1,3-Dichloropropene	10061-01-5	N.D.	1.0	5.0	1
10335	trans-1,3-Dichloropropene	10061-02-6	N.D.	1.0	5.0	1
10335	Methylene Chloride	75-09-2	N.D.	2.0	5.0	1
10335	1,1,1,2-Tetrachloroethane	630-20-6	N.D.	1.0	5.0	1
10335	1,1,2,2-Tetrachloroethane	79-34-5	N.D.	1.0	5.0	1
10335	Tetrachloroethene	127-18-4	N.D.	0.80	5.0	1
10335	1,1,1-Trichloroethane	71-55-6	N.D.	0.80	5.0	1
10335	1,1,2-Trichloroethane	79-00-5	N.D.	0.80	5.0	1
10335	Trichloroethene	79-01-6	N.D.	1.0	5.0	1
10335	Trichlorofluoromethane	75-69-4	N.D.	2.0	5.0	1
10335	1,2,3-Trichloropropane	96-18-4	N.D.	1.0	5.0	1
10335	Vinyl Chloride	75-01-4	N.D.	1.0	5.0	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-9 Water
BP Sanborn COC: 187722
2040 Cory Drive - Sanborn, NY B-9

LLI Sample # WW 6926981
LLI Group # 1363095
Account # 12495

Project Name: BP Sanborn

Collected: 01/17/2013 14:15 by RB

Submitted: 01/18/2013 09:15
Reported: 01/22/2013 15:21

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

BPS-9

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
10335	VOCs 8260 Parsons Specs List	SW-846 8260B	1	T130211AA	01/21/2013 21:33	Sarah A Guill	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	T130211AA	01/21/2013 21:33	Sarah A Guill	1

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

Quality Control Summary

Client Name: Atlantic Richfield(Parsons-NY) Group Number: 1363095
Reported: 01/22/13 at 03:21 PM

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: T130211AA	Sample number(s): 6926975-6926981								
Benzyl Chloride	N.D.	1.0	5.0	ug/l	93		60-120		
Bromobenzene	N.D.	1.0	5.0	ug/l	99		80-120		
Bromodichloromethane	N.D.	1.0	5.0	ug/l	105		73-120		
Bromoform	N.D.	1.0	5.0	ug/l	95		61-120		
Bromomethane	N.D.	1.0	5.0	ug/l	95		44-120		
Carbon Tetrachloride	N.D.	1.0	5.0	ug/l	98		67-122		
Chlorobenzene	N.D.	0.80	5.0	ug/l	96		80-120		
Chloroethane	N.D.	1.0	5.0	ug/l	87		49-129		
2-Chloroethyl Vinyl Ether	N.D.	2.0	10	ug/l	98		29-151		
Chloroform	N.D.	0.80	5.0	ug/l	99		77-122		
Chloromethane	N.D.	1.0	5.0	ug/l	93		60-129		
Dibromochloromethane	N.D.	1.0	5.0	ug/l	103		72-120		
Dibromomethane	N.D.	1.0	5.0	ug/l	104		80-120		
1,2-Dichlorobenzene	N.D.	1.0	5.0	ug/l	97		80-120		
1,3-Dichlorobenzene	N.D.	1.0	5.0	ug/l	98		80-120		
1,4-Dichlorobenzene	N.D.	1.0	5.0	ug/l	96		80-120		
Dichlorodifluoromethane	N.D.	2.0	5.0	ug/l	78		47-120		
1,1-Dichloroethane	N.D.	1.0	5.0	ug/l	100		79-120		
1,2-Dichloroethane	N.D.	1.0	5.0	ug/l	105		64-130		
1,1-Dichloroethene	N.D.	0.80	5.0	ug/l	95		76-124		
cis-1,2-Dichloroethene	N.D.	0.80	5.0	ug/l	101		80-120		
trans-1,2-Dichloroethene	N.D.	0.80	5.0	ug/l	96		80-120		
1,2-Dichloropropane	N.D.	1.0	5.0	ug/l	103		80-120		
cis-1,3-Dichloropropene	N.D.	1.0	5.0	ug/l	110		78-120		
trans-1,3-Dichloropropene	N.D.	1.0	5.0	ug/l	99		73-120		
Methylene Chloride	N.D.	2.0	5.0	ug/l	101		84-118		
1,1,1,2-Tetrachloroethane	N.D.	1.0	5.0	ug/l	100		79-120		
1,1,2,2-Tetrachloroethane	N.D.	1.0	5.0	ug/l	103		75-123		
Tetrachloroethene	N.D.	0.80	5.0	ug/l	97		79-120		
1,1,1-Trichloroethane	N.D.	0.80	5.0	ug/l	100		66-126		
1,1,2-Trichloroethane	N.D.	0.80	5.0	ug/l	100		80-120		
Trichloroethene	N.D.	1.0	5.0	ug/l	101		80-120		
Trichlorofluoromethane	N.D.	2.0	5.0	ug/l	100		65-130		
1,2,3-Trichloropropane	N.D.	1.0	5.0	ug/l	98		76-120		
Vinyl Chloride	N.D.	1.0	5.0	ug/l	86		56-123		

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

*- 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: 1363095
Reported: 01/22/13 at 03:21 PM

Analysis Name	MS %REC	MSD %REC	MS/MSD Limits	RPD	RPD MAX	BKG Conc	DUP Conc	DUP RPD	Dup RPD Max
Batch number: T130211AA	Sample number(s): 6926975-6926981 UNSPK: 6926976								
Benzyl Chloride	88	91	62-120	4	30				
Bromobenzene	98	99	82-115	1	30				
Bromodichloromethane	107	106	78-125	2	30				
Bromoform	96	93	48-118	3	30				
Bromomethane	104	100	47-129	5	30				
Carbon Tetrachloride	112	112	72-135	0	30				
Chlorobenzene	101	102	87-124	1	30				
Chloroethane	98	95	51-145	3	30				
2-Chloroethyl Vinyl Ether	97	98	10-151	1	30				
Chloroform	104	103	81-134	1	30				
Chloromethane	99	101	46-137	2	30				
Dibromochloromethane	105	106	74-116	2	30				
Dibromomethane	106	107	83-119	0	30				
1,2-Dichlorobenzene	97	98	84-119	1	30				
1,3-Dichlorobenzene	99	99	86-121	0	30				
1,4-Dichlorobenzene	98	98	85-121	0	30				
Dichlorodifluoromethane	100	99	52-129	1	30				
1,1-Dichloroethane	104	105	84-129	1	30				
1,2-Dichloroethane	107	109	68-131	2	30				
1,1-Dichloroethene	106	106	85-142	0	30				
cis-1,2-Dichloroethene	107	107	85-125	0	30				
trans-1,2-Dichloroethene	106	105	87-126	1	30				
1,2-Dichloropropane	103	104	83-124	1	30				
cis-1,3-Dichloropropene	112	112	70-116	0	30				
trans-1,3-Dichloropropene	99	101	74-119	2	30				
Methylene Chloride	105	106	78-133	1	30				
1,1,1,2-Tetrachloroethane	103	103	82-119	0	30				
1,1,2,2-Tetrachloroethane	100	99	72-128	1	30				
Tetrachloroethene	110	111	80-128	2	30				
1,1,1-Trichloroethane	111	110	69-140	1	30				
1,1,2-Trichloroethane	102	104	77-124	2	30				
Trichloroethene	109	109	88-133	0	30				
Trichlorofluoromethane	124	122	64-146	2	30				
1,2,3-Trichloropropane	95	94	76-118	1	30				
Vinyl Chloride	93	93	66-133	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.

Analysis Name: PPL + Xylene (total) by 8260
Batch number: T130211AA

	Dibromofluoromethane	1,2-Dichloroethane-d4	Toluene-d8	4-Bromofluorobenzene
6926975	102	100	97	99
6926976	103	97	98	101
6926977	102	99	98	101
6926978	101	98	100	101
6926979	102	100	97	101
6926980	103	98	96	100

*- 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: 1363095
Reported: 01/22/13 at 03:21 PM

Surrogate Quality Control

6926981	103	98	97	101
Blank	101	99	98	101
LCS	103	101	98	100
MS	102	99	98	101
MSD	101	98	100	101
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.

A-12495 G-1363095 S-6926975-982

Atlantic Richfield Company — A BP affiliated company

Laboratory Management Program LaMP Chain of Custody Record

187722

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

Lab Name: Lancaster Labs	BP/ARC Facility Address: 2050 Coy Dr.
Lab Address: 2425 New Holland Pike Lancaster, PA 17601	City, State, ZIP Code: Sanborn, NY 14132
Lab PM: Kaitlin Plasterer	Lead Regulatory Agency: NYSDEC
Lab Phone: (717) 556-7323	California Global ID No.:
Lab Shipping Accnt:	Enfos Proposal No: D00B4-0004
Lab Bottle Order No: 133496	Accounting Mode: Provision ___ OOC-BU ___ OOC-RM ___
Other Info:	Stage: 66 Activity: 81
BP/ARC EBM: William Barber	Consultant/Contractor: Parson's
EBM Phone: (716) 271-8038	Consultant/Contractor Project No:
EBM Email:	Address: 40 LaRiviere Dr. Suite 350 Buffalo, NY 14202
	Consultant/Contractor PM: George Hermance
	Phone: (716) 407-4990
	Email EDD To: Lorraine Walker
	Invoice To: BP/ARC ✓ Contractor ___

Lab No.	Sample Description	Date	Time	Matrix: Soil / Solid	Matrix: Water / Liquid	Matrix: Air / Vapor	No. Containers / Preservative: Total Number of Containers	Unpreserved	H_2SO_4	HNO_3	HCl	Methanol	Requested Analyses: 8260
	B-28	1/17/13	1320		X		3	X					X
	B-21 *	1/17/13	1235		X		3	X					X
	B-22	1/17/13	1140		X		3	X					X
	B-38	1/17/13	1035		X		3	X					X
	B-9	1/17/13	1415		X		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.

* ELLI WILL ALSO ANALYZE A MS AND MSD QC SAMPLE FOR B-21 PER E. FELTER. KNP 1/18/13

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	1/17/13	1450			
Shipment Method: Fed Ex Ship Date:						
Shipment Tracking No:					1-18-13	915

Special Instructions:

THIS LINE - LAB USE ONLY: Custody Seals In Place: Yes / No | Temp Blank: Yes / No | Cooler Temp on Receipt: 2.0 °F/C | Trip Blank: Yes / No | MS/MSD Sample Submitted: Yes / No

BU52889 1-18-13

Laboratory Copy

BP/ARC LaMP COC Rev. 6 01

eurofins | Lancaster Laboratories

GT-1363095

Environmental Sample Administration Receipt Documentation Log

Client/Project: Parsons

Date of Receipt: 1.18.13

Time of Receipt: 915

Source Code: 50-1

Shipping Container Sealed: (YES) NO

Custody Seal Present * : YES (NO)

* Custody seal was intact unless otherwise noted in the discrepancy section

Package: (Chilled) Not Chilled

Temperature of Shipping Containers							
Cooler #	Thermometer ID	Temperature (°C)	Temp Bottle (TB) or Surface Temp (ST)	Wet Ice (WI) or Dry Ice (DI) or Ice Packs (IP)	Ice Present? Y/N	Loose (L) Bagged Ice (B) or NA	Comments
1	9422	2.0	TB	WI	Y	B	
2							
3							
4							
5							
6							

Number of Trip Blanks received NOT listed on chain of custody: 2

Paperwork Discrepancy/Unpacking Problems:

Rec MS & MSD 3 vial EACH for B-21 1.17.13 1235 not on COC
B38 Time = 935

Unpacker Signature/Emp#: Brandy Ray 2299 **Date/Time:** 1.18.13 1209

Issued by Dept. 6042 Management

2174.06

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 - The number following the sign is the limit of quantitation, the smallest amount of analyte which can be reliably determined using this specific test.

> greater than

J estimated value – The result is ≥ the Method Detection Limit (MDL) and < the Limit of Quantitation (LOQ).

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 of gas 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.

U.S. EPA CLP Data Qualifiers:

Organic Qualifiers

A	TIC is a possible aldol-condensation product
B	Analyte was also detected in the blank
C	Pesticide result confirmed by GC/MS
D	Compound quantitated on a diluted sample
E	Concentration exceeds the calibration range of the instrument
N	Presumptive evidence of a compound (TICs only)
P	Concentration difference between primary and confirmation columns >25%
U	Compound was not detected
X,Y,Z	Defined in case narrative

Inorganic Qualifiers

B	Value is <CRDL, but ≥IDL
E	Estimated due to interference
M	Duplicate injection precision not met
N	Spike sample not within control limits
S	Method of standard additions (MSA) used for calculation
U	Compound was not detected
W	Post digestion spike out of control limits
*****	Duplicate analysis not within control limits
+	Correlation coefficient for MSA <0.995

Analytical test results meet all requirements of NELAC 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. This report shall not be reproduced except in full, without the written approval of the laboratory.

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.

ANALYTICAL RESULTS

Prepared by:

Lancaster Laboratories
2425 New Holland Pike
Lancaster, PA 17605-2425

Prepared for:

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

January 29, 2013

Project: BP Sanborn

Submittal Date: 01/23/2013
Group Number: 1363954
PO Number: D00B4-0004
Release Number: BARBER
State of Sample Origin: NY

Client Sample Description	Lancaster Labs (LLI) #
B-48 Water	6931411
B-49 Water	6931412
Field Dup #1 Water	6931413
P-4 Water	6931414
B-13 Water	6931415
B-19 Water	6931416
B-43 Water	6931417
PW-1 Water	6931418
PW-1 Matrix Spike Water	6931419
PW-1 Matrix Spike Dup Water	6931420
B-42 Water	6931421

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

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

2425 New Holland Pike, PO Box 12425, Lancaster, PA 17605-2425 • 717-656-2300 Fax: 717-656-2681 • www.lancasterlabs.com

Respectfully Submitted,

Kaitlin N. Plasterer

Kaitlin N. Plasterer
Specialist

(717) 556-7323

Project Name: BP Sanborn
LLI Group #: 1363954

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 8260B, GC/MS Volatiles

Batch #: N130251AA (Sample number(s): 6931411-6931415 UNSPK: P926755)

The recovery(ies) for the following analyte(s) in the LCS were below the acceptance window: trans-1,3-Dichloropropene

Batch #: N130252AA (Sample number(s): 6931414-6931417, 6931421 UNSPK: P932428)

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

Batch #: W130282AA (Sample number(s): 6931418-6931420 UNSPK: 6931418)

The recovery(ies) for the following analyte(s) in the MS and/or MSD was outside the acceptance window: Dichlorodifluoromethane, Chloromethane, Vinyl Chloride, cis-1,2-Dichloroethene, Trichloroethene, Dibromochloromethane, cis-1,3-Dichloropropene

Sample #s: 6931411, 6931412, 6931413, 6931414, 6931415

The LCS and/or LCSD recoveries are outside the stated QC window but within the marginal exceedance allowance of +/- 4 standard deviations as defined in the NELAC Standards. The following analytes are accepted based on this allowance: trans-1,3-dichloropropene.

Sample Description: B-48 Water
BP Sanborn COC: 187784
2050 Cory Drive - Sanborn, NY B-48

LLI Sample # WW 6931411
LLI Group # 1363954
Account # 12495

Project Name: BP Sanborn

Collected: 01/22/2013 14:15 by RCB

Submitted: 01/23/2013 09:25
Reported: 01/29/2013 14:04

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

SAN48

CAT No.	Analysis Name	CAS Number	As Received Result		As Received Method Detection Limit*	As Received Limit of Quantitation	Dilution Factor
GC/MS Volatiles	**SW-846 8260B**		ug/l		ug/l	ug/l	
10335	Benzyl Chloride	100-44-7	N.D.		1.0	5.0	1
10335	Bromobenzene	108-86-1	N.D.		1.0	5.0	1
10335	Bromodichloromethane	75-27-4	N.D.		1.0	5.0	1
10335	Bromoform	75-25-2	N.D.		1.0	5.0	1
10335	Bromomethane	74-83-9	N.D.		1.0	5.0	1
10335	Carbon Tetrachloride	56-23-5	N.D.		1.0	5.0	1
10335	Chlorobenzene	108-90-7	N.D.		0.80	5.0	1
10335	Chloroethane	75-00-3	N.D.		1.0	5.0	1
10335	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.						
10335	Chloroform	67-66-3	N.D.		0.80	5.0	1
10335	Chloromethane	74-87-3	N.D.		1.0	5.0	1
10335	Dibromochloromethane	124-48-1	N.D.		1.0	5.0	1
10335	Dibromomethane	74-95-3	N.D.		1.0	5.0	1
10335	1,2-Dichlorobenzene	95-50-1	N.D.		1.0	5.0	1
10335	1,3-Dichlorobenzene	541-73-1	N.D.		1.0	5.0	1
10335	1,4-Dichlorobenzene	106-46-7	N.D.		1.0	5.0	1
10335	Dichlorodifluoromethane	75-71-8	N.D.		2.0	5.0	1
10335	1,1-Dichloroethane	75-34-3	N.D.		1.0	5.0	1
10335	1,2-Dichloroethane	107-06-2	N.D.		1.0	5.0	1
10335	1,1-Dichloroethene	75-35-4	N.D.		0.80	5.0	1
10335	cis-1,2-Dichloroethene	156-59-2	N.D.		0.80	5.0	1
10335	trans-1,2-Dichloroethene	156-60-5	N.D.		0.80	5.0	1
10335	1,2-Dichloropropane	78-87-5	N.D.		1.0	5.0	1
10335	cis-1,3-Dichloropropene	10061-01-5	N.D.		1.0	5.0	1
10335	trans-1,3-Dichloropropene	10061-02-6	N.D.		1.0	5.0	1
10335	Methylene Chloride	75-09-2	N.D.		2.0	5.0	1
10335	1,1,1,2-Tetrachloroethane	630-20-6	N.D.		1.0	5.0	1
10335	1,1,2,2-Tetrachloroethane	79-34-5	N.D.		1.0	5.0	1
10335	Tetrachloroethene	127-18-4	N.D.		0.80	5.0	1
10335	1,1,1-Trichloroethane	71-55-6	N.D.		0.80	5.0	1
10335	1,1,2-Trichloroethane	79-00-5	N.D.		0.80	5.0	1
10335	Trichloroethene	79-01-6	1.0	J	1.0	5.0	1
10335	Trichlorofluoromethane	75-69-4	N.D.		2.0	5.0	1
10335	1,2,3-Trichloropropane	96-18-4	N.D.		1.0	5.0	1
10335	Vinyl Chloride	75-01-4	N.D.		1.0	5.0	1

The LCS and/or LCSD recoveries are outside the stated QC window but within the marginal exceedance allowance of +/- 4 standard deviations as defined in the NELAC Standards. The following analytes are accepted based on this allowance: trans-1,3-dichloropropene.

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-48 Water
BP Sanborn COC: 187784
2050 Cory Drive - Sanborn, NY B-48

LLI Sample # WW 6931411
LLI Group # 1363954
Account # 12495

Project Name: BP Sanborn

Collected: 01/22/2013 14:15 by RCB

Submitted: 01/23/2013 09:25
Reported: 01/29/2013 14:04

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

SAN48

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
10335	VOCs 8260 Parsons Specs List	SW-846 8260B	1	N130251AA	01/25/2013 09:03	Christopher G Torres	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	N130251AA	01/25/2013 09:03	Christopher G Torres	1

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

Sample Description: B-49 Water
BP Sanborn COC: 187784
2050 Cory Drive - Sanborn, NY B-49

LLI Sample # WW 6931412
LLI Group # 1363954
Account # 12495

Project Name: BP Sanborn

Collected: 01/22/2013 13:35 by RCB

Submitted: 01/23/2013 09:25
Reported: 01/29/2013 14:04

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

SAN49

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit*	As Received Limit of Quantitation	Dilution Factor
GC/MS Volatiles	**SW-846 8260B**		ug/l	ug/l	ug/l	
10335	Benzyl Chloride	100-44-7	N.D.	1.0	5.0	1
10335	Bromobenzene	108-86-1	N.D.	1.0	5.0	1
10335	Bromodichloromethane	75-27-4	N.D.	1.0	5.0	1
10335	Bromoform	75-25-2	N.D.	1.0	5.0	1
10335	Bromomethane	74-83-9	N.D.	1.0	5.0	1
10335	Carbon Tetrachloride	56-23-5	N.D.	1.0	5.0	1
10335	Chlorobenzene	108-90-7	N.D.	0.80	5.0	1
10335	Chloroethane	75-00-3	N.D.	1.0	5.0	1
10335	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.					
10335	Chloroform	67-66-3	N.D.	0.80	5.0	1
10335	Chloromethane	74-87-3	N.D.	1.0	5.0	1
10335	Dibromochloromethane	124-48-1	N.D.	1.0	5.0	1
10335	Dibromomethane	74-95-3	N.D.	1.0	5.0	1
10335	1,2-Dichlorobenzene	95-50-1	N.D.	1.0	5.0	1
10335	1,3-Dichlorobenzene	541-73-1	N.D.	1.0	5.0	1
10335	1,4-Dichlorobenzene	106-46-7	N.D.	1.0	5.0	1
10335	Dichlorodifluoromethane	75-71-8	N.D.	2.0	5.0	1
10335	1,1-Dichloroethane	75-34-3	N.D.	1.0	5.0	1
10335	1,2-Dichloroethane	107-06-2	N.D.	1.0	5.0	1
10335	1,1-Dichloroethene	75-35-4	N.D.	0.80	5.0	1
10335	cis-1,2-Dichloroethene	156-59-2	N.D.	0.80	5.0	1
10335	trans-1,2-Dichloroethene	156-60-5	N.D.	0.80	5.0	1
10335	1,2-Dichloropropane	78-87-5	N.D.	1.0	5.0	1
10335	cis-1,3-Dichloropropene	10061-01-5	N.D.	1.0	5.0	1
10335	trans-1,3-Dichloropropene	10061-02-6	N.D.	1.0	5.0	1
10335	Methylene Chloride	75-09-2	N.D.	2.0	5.0	1
10335	1,1,1,2-Tetrachloroethane	630-20-6	N.D.	1.0	5.0	1
10335	1,1,2,2-Tetrachloroethane	79-34-5	N.D.	1.0	5.0	1
10335	Tetrachloroethene	127-18-4	N.D.	0.80	5.0	1
10335	1,1,1-Trichloroethane	71-55-6	N.D.	0.80	5.0	1
10335	1,1,2-Trichloroethane	79-00-5	N.D.	0.80	5.0	1
10335	Trichloroethene	79-01-6	N.D.	1.0	5.0	1
10335	Trichlorofluoromethane	75-69-4	N.D.	2.0	5.0	1
10335	1,2,3-Trichloropropane	96-18-4	N.D.	1.0	5.0	1
10335	Vinyl Chloride	75-01-4	N.D.	1.0	5.0	1

The LCS and/or LCSD recoveries are outside the stated QC window but within the marginal exceedance allowance of +/- 4 standard deviations as defined in the NELAC Standards. The following analytes are accepted based on this allowance: trans-1,3-dichloropropene.

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-49 Water
BP Sanborn COC: 187784
2050 Cory Drive - Sanborn, NY B-49

LLI Sample # WW 6931412
LLI Group # 1363954
Account # 12495

Project Name: BP Sanborn

Collected: 01/22/2013 13:35 by RCB

Submitted: 01/23/2013 09:25
Reported: 01/29/2013 14:04

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

SAN49

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
10335	VOCs 8260 Parsons Specs List	SW-846 8260B	1	N130251AA	01/25/2013 09:26	Christopher G Torres	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	N130251AA	01/25/2013 09:26	Christopher G Torres	1

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

Sample Description: Field Dup #1 Water
BP Sanborn COC: 187784
2050 Cory Drive - Sanborn, NY Field Dup #1

LLI Sample # WW 6931413
LLI Group # 1363954
Account # 12495

Project Name: BP Sanborn

Collected: 01/22/2013 by RCB

Submitted: 01/23/2013 09:25
Reported: 01/29/2013 14:04

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

SAN-D

CAT No.	Analysis Name	CAS Number	As Received Result		As Received Method Detection Limit*	As Received Limit of Quantitation	Dilution Factor
GC/MS Volatiles	**SW-846 8260B**		ug/l		ug/l	ug/l	
10335	Benzyl Chloride	100-44-7	N.D.		1.0	5.0	1
10335	Bromobenzene	108-86-1	N.D.		1.0	5.0	1
10335	Bromodichloromethane	75-27-4	N.D.		1.0	5.0	1
10335	Bromoform	75-25-2	N.D.		1.0	5.0	1
10335	Bromomethane	74-83-9	N.D.		1.0	5.0	1
10335	Carbon Tetrachloride	56-23-5	N.D.		1.0	5.0	1
10335	Chlorobenzene	108-90-7	N.D.		0.80	5.0	1
10335	Chloroethane	75-00-3	N.D.		1.0	5.0	1
10335	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.						
10335	Chloroform	67-66-3	N.D.		0.80	5.0	1
10335	Chloromethane	74-87-3	N.D.		1.0	5.0	1
10335	Dibromochloromethane	124-48-1	N.D.		1.0	5.0	1
10335	Dibromomethane	74-95-3	N.D.		1.0	5.0	1
10335	1,2-Dichlorobenzene	95-50-1	N.D.		1.0	5.0	1
10335	1,3-Dichlorobenzene	541-73-1	N.D.		1.0	5.0	1
10335	1,4-Dichlorobenzene	106-46-7	N.D.		1.0	5.0	1
10335	Dichlorodifluoromethane	75-71-8	N.D.		2.0	5.0	1
10335	1,1-Dichloroethane	75-34-3	N.D.		1.0	5.0	1
10335	1,2-Dichloroethane	107-06-2	N.D.		1.0	5.0	1
10335	1,1-Dichloroethene	75-35-4	N.D.		0.80	5.0	1
10335	cis-1,2-Dichloroethene	156-59-2	6.4		0.80	5.0	1
10335	trans-1,2-Dichloroethene	156-60-5	N.D.		0.80	5.0	1
10335	1,2-Dichloropropane	78-87-5	N.D.		1.0	5.0	1
10335	cis-1,3-Dichloropropene	10061-01-5	N.D.		1.0	5.0	1
10335	trans-1,3-Dichloropropene	10061-02-6	N.D.		1.0	5.0	1
10335	Methylene Chloride	75-09-2	N.D.		2.0	5.0	1
10335	1,1,1,2-Tetrachloroethane	630-20-6	N.D.		1.0	5.0	1
10335	1,1,2,2-Tetrachloroethane	79-34-5	N.D.		1.0	5.0	1
10335	Tetrachloroethene	127-18-4	N.D.		0.80	5.0	1
10335	1,1,1-Trichloroethane	71-55-6	N.D.		0.80	5.0	1
10335	1,1,2-Trichloroethane	79-00-5	N.D.		0.80	5.0	1
10335	Trichloroethene	79-01-6	3.5	J	1.0	5.0	1
10335	Trichlorofluoromethane	75-69-4	N.D.		2.0	5.0	1
10335	1,2,3-Trichloropropane	96-18-4	N.D.		1.0	5.0	1
10335	Vinyl Chloride	75-01-4	N.D.		1.0	5.0	1

The LCS and/or LCSD recoveries are outside the stated QC window but within the marginal exceedance allowance of +/- 4 standard deviations as defined in the NELAC Standards. The following analytes are accepted based on this allowance: trans-1,3-dichloropropene.

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: 187784
2050 Cory Drive - Sanborn, NY Field Dup #1

LLI Sample # WW 6931413
LLI Group # 1363954
Account # 12495

Project Name: BP Sanborn

Collected: 01/22/2013 by RCB

Submitted: 01/23/2013 09:25
Reported: 01/29/2013 14:04

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

SAN-D

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
10335	VOCs 8260 Parsons Specs List	SW-846 8260B	1	N130251AA	01/25/2013 09:49	Christopher G Torres	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	N130251AA	01/25/2013 09:49	Christopher G Torres	1

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

Sample Description: P-4 Water
BP Sanborn COC: 187784
2050 Cory Drive - Sanborn, NY P-4

LLI Sample # WW 6931414
LLI Group # 1363954
Account # 12495

Project Name: BP Sanborn

Collected: 01/22/2013 12:15 by RCB

Submitted: 01/23/2013 09:25
Reported: 01/29/2013 14:04

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

SANP4

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit*	As Received Limit of Quantitation	Dilution Factor
GC/MS Volatiles	**SW-846 8260B**		ug/l	ug/l	ug/l	
10335	Benzyl Chloride	100-44-7	N.D.	1.0	5.0	1
10335	Bromobenzene	108-86-1	N.D.	1.0	5.0	1
10335	Bromodichloromethane	75-27-4	N.D.	1.0	5.0	1
10335	Bromoform	75-25-2	N.D.	1.0	5.0	1
10335	Bromomethane	74-83-9	N.D.	1.0	5.0	1
10335	Carbon Tetrachloride	56-23-5	N.D.	1.0	5.0	1
10335	Chlorobenzene	108-90-7	N.D.	0.80	5.0	1
10335	Chloroethane	75-00-3	N.D.	1.0	5.0	1
10335	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.					
10335	Chloroform	67-66-3	N.D.	0.80	5.0	1
10335	Chloromethane	74-87-3	N.D.	1.0	5.0	1
10335	Dibromochloromethane	124-48-1	N.D.	1.0	5.0	1
10335	Dibromomethane	74-95-3	N.D.	1.0	5.0	1
10335	1,2-Dichlorobenzene	95-50-1	N.D.	1.0	5.0	1
10335	1,3-Dichlorobenzene	541-73-1	N.D.	1.0	5.0	1
10335	1,4-Dichlorobenzene	106-46-7	N.D.	1.0	5.0	1
10335	Dichlorodifluoromethane	75-71-8	N.D.	2.0	5.0	1
10335	1,1-Dichloroethane	75-34-3	52	1.0	5.0	1
10335	1,2-Dichloroethane	107-06-2	N.D.	1.0	5.0	1
10335	1,1-Dichloroethene	75-35-4	11	0.80	5.0	1
10335	cis-1,2-Dichloroethene	156-59-2	620	16	100	20
10335	trans-1,2-Dichloroethene	156-60-5	10	0.80	5.0	1
10335	1,2-Dichloropropane	78-87-5	N.D.	1.0	5.0	1
10335	cis-1,3-Dichloropropene	10061-01-5	N.D.	1.0	5.0	1
10335	trans-1,3-Dichloropropene	10061-02-6	N.D.	1.0	5.0	1
10335	Methylene Chloride	75-09-2	N.D.	2.0	5.0	1
10335	1,1,1,2-Tetrachloroethane	630-20-6	N.D.	1.0	5.0	1
10335	1,1,2,2-Tetrachloroethane	79-34-5	N.D.	1.0	5.0	1
10335	Tetrachloroethene	127-18-4	2.0 J	0.80	5.0	1
10335	1,1,1-Trichloroethane	71-55-6	42	0.80	5.0	1
10335	1,1,2-Trichloroethane	79-00-5	N.D.	0.80	5.0	1
10335	Trichloroethene	79-01-6	2,100	20	100	20
10335	Trichlorofluoromethane	75-69-4	N.D.	2.0	5.0	1
10335	1,2,3-Trichloropropane	96-18-4	N.D.	1.0	5.0	1
10335	Vinyl Chloride	75-01-4	19	1.0	5.0	1

The LCS and/or LCSD recoveries are outside the stated QC window but within the marginal exceedance allowance of +/- 4 standard deviations as defined in the NELAC Standards. The following analytes are accepted based on this allowance: trans-1,3-dichloropropene.

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: 187784
2050 Cory Drive - Sanborn, NY P-4

LLI Sample # WW 6931414
LLI Group # 1363954
Account # 12495

Project Name: BP Sanborn

Collected: 01/22/2013 12:15 by RCB

Submitted: 01/23/2013 09:25
Reported: 01/29/2013 14:04

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

SANP4

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
10335	VOCs 8260 Parsons Specs List	SW-846 8260B	1	N130251AA	01/25/2013 10:12	Christopher G Torres	1
10335	VOCs 8260 Parsons Specs List	SW-846 8260B	1	N130252AA	01/26/2013 02:13	Brett W Kenyon	20
01163	GC/MS VOA Water Prep	SW-846 5030B	1	N130251AA	01/25/2013 10:12	Christopher G Torres	1
01163	GC/MS VOA Water Prep	SW-846 5030B	2	N130252AA	01/26/2013 02:13	Brett W Kenyon	20

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

Sample Description: B-13 Water
BP Sanborn COC: 187784
2050 Cory Drive - Sanborn, NY B-13

LLI Sample # WW 6931415
LLI Group # 1363954
Account # 12495

Project Name: BP Sanborn

Collected: 01/22/2013 12:10 by RCB

Submitted: 01/23/2013 09:25
Reported: 01/29/2013 14:04

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

SAN13

CAT No.	Analysis Name	CAS Number	As Received Result		As Received Method Detection Limit*	As Received Limit of Quantitation	Dilution Factor
GC/MS Volatiles	**SW-846 8260B**		ug/l		ug/l	ug/l	
10335	Benzyl Chloride	100-44-7	N.D.		1.0	5.0	1
10335	Bromobenzene	108-86-1	N.D.		1.0	5.0	1
10335	Bromodichloromethane	75-27-4	N.D.		1.0	5.0	1
10335	Bromoform	75-25-2	N.D.		1.0	5.0	1
10335	Bromomethane	74-83-9	N.D.		1.0	5.0	1
10335	Carbon Tetrachloride	56-23-5	N.D.		1.0	5.0	1
10335	Chlorobenzene	108-90-7	N.D.		0.80	5.0	1
10335	Chloroethane	75-00-3	N.D.		1.0	5.0	1
10335	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.						
10335	Chloroform	67-66-3	N.D.		0.80	5.0	1
10335	Chloromethane	74-87-3	N.D.		1.0	5.0	1
10335	Dibromochloromethane	124-48-1	N.D.		1.0	5.0	1
10335	Dibromomethane	74-95-3	N.D.		1.0	5.0	1
10335	1,2-Dichlorobenzene	95-50-1	N.D.		1.0	5.0	1
10335	1,3-Dichlorobenzene	541-73-1	N.D.		1.0	5.0	1
10335	1,4-Dichlorobenzene	106-46-7	N.D.		1.0	5.0	1
10335	Dichlorodifluoromethane	75-71-8	N.D.		2.0	5.0	1
10335	1,1-Dichloroethane	75-34-3	30		1.0	5.0	1
10335	1,2-Dichloroethane	107-06-2	N.D.		1.0	5.0	1
10335	1,1-Dichloroethene	75-35-4	4.4	J	0.80	5.0	1
10335	cis-1,2-Dichloroethene	156-59-2	420		8.0	50	10
10335	trans-1,2-Dichloroethene	156-60-5	4.8	J	0.80	5.0	1
10335	1,2-Dichloropropane	78-87-5	N.D.		1.0	5.0	1
10335	cis-1,3-Dichloropropene	10061-01-5	N.D.		1.0	5.0	1
10335	trans-1,3-Dichloropropene	10061-02-6	N.D.		1.0	5.0	1
10335	Methylene Chloride	75-09-2	N.D.		2.0	5.0	1
10335	1,1,1,2-Tetrachloroethane	630-20-6	N.D.		1.0	5.0	1
10335	1,1,2,2-Tetrachloroethane	79-34-5	N.D.		1.0	5.0	1
10335	Tetrachloroethene	127-18-4	N.D.		0.80	5.0	1
10335	1,1,1-Trichloroethane	71-55-6	5.5		0.80	5.0	1
10335	1,1,2-Trichloroethane	79-00-5	N.D.		0.80	5.0	1
10335	Trichloroethene	79-01-6	420		10	50	10
10335	Trichlorofluoromethane	75-69-4	N.D.		2.0	5.0	1
10335	1,2,3-Trichloropropane	96-18-4	N.D.		1.0	5.0	1
10335	Vinyl Chloride	75-01-4	15		1.0	5.0	1

The LCS and/or LCSD recoveries are outside the stated QC window but within the marginal exceedance allowance of +/- 4 standard deviations as defined in the NELAC Standards. The following analytes are accepted based on this allowance: trans-1,3-dichloropropene.

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-13 Water
BP Sanborn COC: 187784
2050 Cory Drive - Sanborn, NY B-13

LLI Sample # WW 6931415
LLI Group # 1363954
Account # 12495

Project Name: BP Sanborn

Collected: 01/22/2013 12:10 by RCB

Submitted: 01/23/2013 09:25
Reported: 01/29/2013 14:04

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

SAN13

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
10335	VOCs 8260 Parsons Specs List	SW-846 8260B	1	N130251AA	01/25/2013 10:35	Christopher G Torres	1
10335	VOCs 8260 Parsons Specs List	SW-846 8260B	1	N130252AA	01/26/2013 02:36	Brett W Kenyon	10
01163	GC/MS VOA Water Prep	SW-846 5030B	1	N130251AA	01/25/2013 10:35	Christopher G Torres	1
01163	GC/MS VOA Water Prep	SW-846 5030B	2	N130252AA	01/26/2013 02:36	Brett W Kenyon	10

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

Sample Description: B-19 Water
BP Sanborn COC: 187784
2050 Cory Drive - Sanborn, NY B-19

LLI Sample # WW 6931416
LLI Group # 1363954
Account # 12495

Project Name: BP Sanborn

Collected: 01/22/2013 11:30 by RCB

Submitted: 01/23/2013 09:25
Reported: 01/29/2013 14:04

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

SA-19

CAT No.	Analysis Name	CAS Number	As Received Result		As Received Method Detection Limit*	As Received Limit of Quantitation	Dilution Factor
GC/MS Volatiles	**SW-846 8260B**		ug/l		ug/l	ug/l	
10335	Benzyl Chloride	100-44-7	N.D.		1.0	5.0	1
10335	Bromobenzene	108-86-1	N.D.		1.0	5.0	1
10335	Bromodichloromethane	75-27-4	N.D.		1.0	5.0	1
10335	Bromoform	75-25-2	N.D.		1.0	5.0	1
10335	Bromomethane	74-83-9	N.D.		1.0	5.0	1
10335	Carbon Tetrachloride	56-23-5	N.D.		1.0	5.0	1
10335	Chlorobenzene	108-90-7	N.D.		0.80	5.0	1
10335	Chloroethane	75-00-3	N.D.		1.0	5.0	1
10335	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.						
10335	Chloroform	67-66-3	N.D.		0.80	5.0	1
10335	Chloromethane	74-87-3	N.D.		1.0	5.0	1
10335	Dibromochloromethane	124-48-1	N.D.		1.0	5.0	1
10335	Dibromomethane	74-95-3	N.D.		1.0	5.0	1
10335	1,2-Dichlorobenzene	95-50-1	N.D.		1.0	5.0	1
10335	1,3-Dichlorobenzene	541-73-1	N.D.		1.0	5.0	1
10335	1,4-Dichlorobenzene	106-46-7	N.D.		1.0	5.0	1
10335	Dichlorodifluoromethane	75-71-8	N.D.		2.0	5.0	1
10335	1,1-Dichloroethane	75-34-3	N.D.		1.0	5.0	1
10335	1,2-Dichloroethane	107-06-2	N.D.		1.0	5.0	1
10335	1,1-Dichloroethene	75-35-4	N.D.		0.80	5.0	1
10335	cis-1,2-Dichloroethene	156-59-2	0.81	J	0.80	5.0	1
10335	trans-1,2-Dichloroethene	156-60-5	N.D.		0.80	5.0	1
10335	1,2-Dichloropropane	78-87-5	N.D.		1.0	5.0	1
10335	cis-1,3-Dichloropropene	10061-01-5	N.D.		1.0	5.0	1
10335	trans-1,3-Dichloropropene	10061-02-6	N.D.		1.0	5.0	1
10335	Methylene Chloride	75-09-2	N.D.		2.0	5.0	1
10335	1,1,1,2-Tetrachloroethane	630-20-6	N.D.		1.0	5.0	1
10335	1,1,2,2-Tetrachloroethane	79-34-5	N.D.		1.0	5.0	1
10335	Tetrachloroethene	127-18-4	N.D.		0.80	5.0	1
10335	1,1,1-Trichloroethane	71-55-6	N.D.		0.80	5.0	1
10335	1,1,2-Trichloroethane	79-00-5	N.D.		0.80	5.0	1
10335	Trichloroethene	79-01-6	N.D.		1.0	5.0	1
10335	Trichlorofluoromethane	75-69-4	N.D.		2.0	5.0	1
10335	1,2,3-Trichloropropane	96-18-4	N.D.		1.0	5.0	1
10335	Vinyl Chloride	75-01-4	N.D.		1.0	5.0	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-19 Water
BP Sanborn COC: 187784
2050 Cory Drive - Sanborn, NY B-19

LLI Sample # WW 6931416
LLI Group # 1363954
Account # 12495

Project Name: BP Sanborn

Collected: 01/22/2013 11:30 by RCB

Submitted: 01/23/2013 09:25
Reported: 01/29/2013 14:04

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

SA-19

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
10335	VOCs 8260 Parsons Specs List	SW-846 8260B	1	N130252AA	01/26/2013 02:59	Brett W Kenyon	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	N130252AA	01/26/2013 02:59	Brett W Kenyon	1

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

Sample Description: B-43 Water
BP Sanborn COC: 187784
2050 Cory Drive - Sanborn, NY B-43

LLI Sample # WW 6931417
LLI Group # 1363954
Account # 12495

Project Name: BP Sanborn

Collected: 01/22/2013 11:00 by RCB

Submitted: 01/23/2013 09:25
Reported: 01/29/2013 14:04

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

SAN43

CAT No.	Analysis Name	CAS Number	As Received Result		As Received Method Detection Limit*	As Received Limit of Quantitation	Dilution Factor
GC/MS Volatiles	**SW-846 8260B**		ug/l		ug/l	ug/l	
10335	Benzyl Chloride	100-44-7	N.D.		1.0	5.0	1
10335	Bromobenzene	108-86-1	N.D.		1.0	5.0	1
10335	Bromodichloromethane	75-27-4	N.D.		1.0	5.0	1
10335	Bromoform	75-25-2	N.D.		1.0	5.0	1
10335	Bromomethane	74-83-9	N.D.		1.0	5.0	1
10335	Carbon Tetrachloride	56-23-5	N.D.		1.0	5.0	1
10335	Chlorobenzene	108-90-7	N.D.		0.80	5.0	1
10335	Chloroethane	75-00-3	N.D.		1.0	5.0	1
10335	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.						
10335	Chloroform	67-66-3	N.D.		0.80	5.0	1
10335	Chloromethane	74-87-3	N.D.		1.0	5.0	1
10335	Dibromochloromethane	124-48-1	N.D.		1.0	5.0	1
10335	Dibromomethane	74-95-3	N.D.		1.0	5.0	1
10335	1,2-Dichlorobenzene	95-50-1	N.D.		1.0	5.0	1
10335	1,3-Dichlorobenzene	541-73-1	N.D.		1.0	5.0	1
10335	1,4-Dichlorobenzene	106-46-7	N.D.		1.0	5.0	1
10335	Dichlorodifluoromethane	75-71-8	N.D.		2.0	5.0	1
10335	1,1-Dichloroethane	75-34-3	N.D.		1.0	5.0	1
10335	1,2-Dichloroethane	107-06-2	N.D.		1.0	5.0	1
10335	1,1-Dichloroethene	75-35-4	N.D.		0.80	5.0	1
10335	cis-1,2-Dichloroethene	156-59-2	5.9		0.80	5.0	1
10335	trans-1,2-Dichloroethene	156-60-5	N.D.		0.80	5.0	1
10335	1,2-Dichloropropane	78-87-5	N.D.		1.0	5.0	1
10335	cis-1,3-Dichloropropene	10061-01-5	N.D.		1.0	5.0	1
10335	trans-1,3-Dichloropropene	10061-02-6	N.D.		1.0	5.0	1
10335	Methylene Chloride	75-09-2	N.D.		2.0	5.0	1
10335	1,1,1,2-Tetrachloroethane	630-20-6	N.D.		1.0	5.0	1
10335	1,1,2,2-Tetrachloroethane	79-34-5	N.D.		1.0	5.0	1
10335	Tetrachloroethene	127-18-4	N.D.		0.80	5.0	1
10335	1,1,1-Trichloroethane	71-55-6	N.D.		0.80	5.0	1
10335	1,1,2-Trichloroethane	79-00-5	N.D.		0.80	5.0	1
10335	Trichloroethene	79-01-6	1.6	J	1.0	5.0	1
10335	Trichlorofluoromethane	75-69-4	N.D.		2.0	5.0	1
10335	1,2,3-Trichloropropane	96-18-4	N.D.		1.0	5.0	1
10335	Vinyl Chloride	75-01-4	3.1	J	1.0	5.0	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-43 Water
BP Sanborn COC: 187784
2050 Cory Drive - Sanborn, NY B-43

LLI Sample # WW 6931417
LLI Group # 1363954
Account # 12495

Project Name: BP Sanborn

Collected: 01/22/2013 11:00 by RCB

Submitted: 01/23/2013 09:25
Reported: 01/29/2013 14:04

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

SAN43

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
10335	VOCs 8260 Parsons Specs List	SW-846 8260B	1	N130252AA	01/26/2013 03:22	Brett W Kenyon	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	N130252AA	01/26/2013 03:22	Brett W Kenyon	1

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

Sample Description: PW-1 Water
BP Sanborn COC: 187784
2050 Cory Drive - Sanborn, NY PW-1

LLI Sample # WW 6931418
LLI Group # 1363954
Account # 12495

Project Name: BP Sanborn

Collected: 01/22/2013 10:00 by RCB

Submitted: 01/23/2013 09:25
Reported: 01/29/2013 14:04

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

SANP1

CAT No.	Analysis Name	CAS Number	As Received Result		As Received Method Detection Limit*	As Received Limit of Quantitation	Dilution Factor
GC/MS Volatiles	**SW-846 8260B**		ug/l		ug/l	ug/l	
10335	Benzyl Chloride	100-44-7	N.D.		1.0	5.0	1
10335	Bromobenzene	108-86-1	N.D.		1.0	5.0	1
10335	Bromodichloromethane	75-27-4	N.D.		1.0	5.0	1
10335	Bromoform	75-25-2	N.D.		1.0	5.0	1
10335	Bromomethane	74-83-9	N.D.		1.0	5.0	1
10335	Carbon Tetrachloride	56-23-5	N.D.		1.0	5.0	1
10335	Chlorobenzene	108-90-7	N.D.		0.80	5.0	1
10335	Chloroethane	75-00-3	N.D.		1.0	5.0	1
10335	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.						
10335	Chloroform	67-66-3	N.D.		0.80	5.0	1
10335	Chloromethane	74-87-3	N.D.		1.0	5.0	1
10335	Dibromochloromethane	124-48-1	N.D.		1.0	5.0	1
10335	Dibromomethane	74-95-3	N.D.		1.0	5.0	1
10335	1,2-Dichlorobenzene	95-50-1	N.D.		1.0	5.0	1
10335	1,3-Dichlorobenzene	541-73-1	N.D.		1.0	5.0	1
10335	1,4-Dichlorobenzene	106-46-7	N.D.		1.0	5.0	1
10335	Dichlorodifluoromethane	75-71-8	N.D.		2.0	5.0	1
10335	1,1-Dichloroethane	75-34-3	4.4	J	1.0	5.0	1
10335	1,2-Dichloroethane	107-06-2	N.D.		1.0	5.0	1
10335	1,1-Dichloroethene	75-35-4	1.6	J	0.80	5.0	1
10335	cis-1,2-Dichloroethene	156-59-2	250		8.0	50	10
10335	trans-1,2-Dichloroethene	156-60-5	2.5	J	0.80	5.0	1
10335	1,2-Dichloropropane	78-87-5	N.D.		1.0	5.0	1
10335	cis-1,3-Dichloropropene	10061-01-5	N.D.		1.0	5.0	1
10335	trans-1,3-Dichloropropene	10061-02-6	N.D.		1.0	5.0	1
10335	Methylene Chloride	75-09-2	N.D.		2.0	5.0	1
10335	1,1,1,2-Tetrachloroethane	630-20-6	N.D.		1.0	5.0	1
10335	1,1,2,2-Tetrachloroethane	79-34-5	N.D.		1.0	5.0	1
10335	Tetrachloroethene	127-18-4	N.D.		0.80	5.0	1
10335	1,1,1-Trichloroethane	71-55-6	3.8	J	0.80	5.0	1
10335	1,1,2-Trichloroethane	79-00-5	N.D.		0.80	5.0	1
10335	Trichloroethene	79-01-6	810		10	50	10
10335	Trichlorofluoromethane	75-69-4	N.D.		2.0	5.0	1
10335	1,2,3-Trichloropropane	96-18-4	N.D.		1.0	5.0	1
10335	Vinyl Chloride	75-01-4	12		1.0	5.0	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-1 Water**
BP Sanborn COC: 187784
2050 Cory Drive - Sanborn, NY PW-1

LLI Sample # WW 6931418
LLI Group # 1363954
Account # 12495

Project Name: BP Sanborn

Collected: 01/22/2013 10:00 by RCB

Submitted: 01/23/2013 09:25
Reported: 01/29/2013 14:04

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

SANP1

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
10335	VOCs 8260 Parsons Specs List	SW-846 8260B	1	W130282AA	01/28/2013 17:36	Emily R Styer	1
10335	VOCs 8260 Parsons Specs List	SW-846 8260B	1	W130282AA	01/29/2013 01:58	Emily R Styer	10
01163	GC/MS VOA Water Prep	SW-846 5030B	1	W130282AA	01/28/2013 17:36	Emily R Styer	1
01163	GC/MS VOA Water Prep	SW-846 5030B	2	W130282AA	01/29/2013 01:58	Emily R Styer	10

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

Sample Description: PW-1 Matrix Spike Water
BP Sanborn COC: 187784
2050 Cory Drive - Sanborn, NY PW-1

LLI Sample # WW 6931419
LLI Group # 1363954
Account # 12495

Project Name: BP Sanborn

Collected: 01/22/2013 10:00 by RCB

Submitted: 01/23/2013 09:25
Reported: 01/29/2013 14:04

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

SANP1

CAT No.	Analysis Name	CAS Number	As Received Result		As Received Method Detection Limit*	As Received Limit of Quantitation	Dilution Factor
GC/MS Volatiles	**SW-846 8260B**		ug/l		ug/l	ug/l	
10335	Benzyl Chloride	100-44-7	19		1.0	5.0	1
10335	Bromobenzene	108-86-1	20		1.0	5.0	1
10335	Bromodichloromethane	75-27-4	23		1.0	5.0	1
10335	Bromoform	75-25-2	19		1.0	5.0	1
10335	Bromomethane	74-83-9	16		1.0	5.0	1
10335	Carbon Tetrachloride	56-23-5	25		1.0	5.0	1
10335	Chlorobenzene	108-90-7	21		0.80	5.0	1
10335	Chloroethane	75-00-3	19		1.0	5.0	1
10335	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.						
10335	Chloroform	67-66-3	22		0.80	5.0	1
10335	Chloromethane	74-87-3	8.4		1.0	5.0	1
10335	Dibromochloromethane	124-48-1	23		1.0	5.0	1
10335	Dibromomethane	74-95-3	21		1.0	5.0	1
10335	1,2-Dichlorobenzene	95-50-1	20		1.0	5.0	1
10335	1,3-Dichlorobenzene	541-73-1	20		1.0	5.0	1
10335	1,4-Dichlorobenzene	106-46-7	20		1.0	5.0	1
10335	Dichlorodifluoromethane	75-71-8	3.6	J	2.0	5.0	1
10335	1,1-Dichloroethane	75-34-3	25		1.0	5.0	1
10335	1,2-Dichloroethane	107-06-2	24		1.0	5.0	1
10335	1,1-Dichloroethene	75-35-4	23		0.80	5.0	1
10335	cis-1,2-Dichloroethene	156-59-2	340	E	0.80	5.0	1
10335	trans-1,2-Dichloroethene	156-60-5	23		0.80	5.0	1
10335	1,2-Dichloropropane	78-87-5	18		1.0	5.0	1
10335	cis-1,3-Dichloropropene	10061-01-5	22		1.0	5.0	1
10335	trans-1,3-Dichloropropene	10061-02-6	22		1.0	5.0	1
10335	Methylene Chloride	75-09-2	20		2.0	5.0	1
10335	1,1,1,2-Tetrachloroethane	630-20-6	22		1.0	5.0	1
10335	1,1,2,2-Tetrachloroethane	79-34-5	19		1.0	5.0	1
10335	Tetrachloroethene	127-18-4	23		0.80	5.0	1
10335	1,1,1-Trichloroethane	71-55-6	25		0.80	5.0	1
10335	1,1,2-Trichloroethane	79-00-5	20		0.80	5.0	1
10335	Trichloroethene	79-01-6	1,100	E	1.0	5.0	1
10335	Trichlorofluoromethane	75-69-4	22		2.0	5.0	1
10335	1,2,3-Trichloropropane	96-18-4	19		1.0	5.0	1
10335	Vinyl Chloride	75-01-4	27		1.0	5.0	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-1 Matrix Spike Water**
BP Sanborn COC: 187784
2050 Cory Drive - Sanborn, NY PW-1

LLI Sample # WW 6931419
LLI Group # 1363954
Account # 12495

Project Name: BP Sanborn

Collected: 01/22/2013 10:00 by RCB

Submitted: 01/23/2013 09:25
Reported: 01/29/2013 14:04

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

SANP1

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
10335	VOCs 8260 Parsons Specs List	SW-846 8260B	1	W130282AA	01/28/2013 18:00	Emily R Styer	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	W130282AA	01/28/2013 18:00	Emily R Styer	1

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

Sample Description: PW-1 Matrix Spike Dup Water
BP Sanborn COC: 187784
2050 Cory Drive - Sanborn, NY PW-1

LLI Sample # WW 6931420
LLI Group # 1363954
Account # 12495

Project Name: BP Sanborn

Collected: 01/22/2013 10:00 by RCB

Submitted: 01/23/2013 09:25
Reported: 01/29/2013 14:04

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

SANP1

CAT No.	Analysis Name	CAS Number	As Received Result		As Received Method Detection Limit*	As Received Limit of Quantitation	Dilution Factor
GC/MS Volatiles	**SW-846 8260B**		ug/l		ug/l	ug/l	
10335	Benzyl Chloride	100-44-7	20		1.0	5.0	1
10335	Bromobenzene	108-86-1	21		1.0	5.0	1
10335	Bromodichloromethane	75-27-4	25		1.0	5.0	1
10335	Bromoform	75-25-2	21		1.0	5.0	1
10335	Bromomethane	74-83-9	17		1.0	5.0	1
10335	Carbon Tetrachloride	56-23-5	26		1.0	5.0	1
10335	Chlorobenzene	108-90-7	22		0.80	5.0	1
10335	Chloroethane	75-00-3	19		1.0	5.0	1
10335	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.						
10335	Chloroform	67-66-3	24		0.80	5.0	1
10335	Chloromethane	74-87-3	8.4		1.0	5.0	1
10335	Dibromochloromethane	124-48-1	24		1.0	5.0	1
10335	Dibromomethane	74-95-3	22		1.0	5.0	1
10335	1,2-Dichlorobenzene	95-50-1	21		1.0	5.0	1
10335	1,3-Dichlorobenzene	541-73-1	21		1.0	5.0	1
10335	1,4-Dichlorobenzene	106-46-7	21		1.0	5.0	1
10335	Dichlorodifluoromethane	75-71-8	3.5	J	2.0	5.0	1
10335	1,1-Dichloroethane	75-34-3	26		1.0	5.0	1
10335	1,2-Dichloroethane	107-06-2	25		1.0	5.0	1
10335	1,1-Dichloroethene	75-35-4	24		0.80	5.0	1
10335	cis-1,2-Dichloroethene	156-59-2	290		0.80	5.0	1
10335	trans-1,2-Dichloroethene	156-60-5	24		0.80	5.0	1
10335	1,2-Dichloropropane	78-87-5	20		1.0	5.0	1
10335	cis-1,3-Dichloropropene	10061-01-5	24		1.0	5.0	1
10335	trans-1,3-Dichloropropene	10061-02-6	24		1.0	5.0	1
10335	Methylene Chloride	75-09-2	21		2.0	5.0	1
10335	1,1,1,2-Tetrachloroethane	630-20-6	24		1.0	5.0	1
10335	1,1,2,2-Tetrachloroethane	79-34-5	19		1.0	5.0	1
10335	Tetrachloroethene	127-18-4	24		0.80	5.0	1
10335	1,1,1-Trichloroethane	71-55-6	26		0.80	5.0	1
10335	1,1,2-Trichloroethane	79-00-5	22		0.80	5.0	1
10335	Trichloroethene	79-01-6	880	E	1.0	5.0	1
10335	Trichlorofluoromethane	75-69-4	23		2.0	5.0	1
10335	1,2,3-Trichloropropane	96-18-4	21		1.0	5.0	1
10335	Vinyl Chloride	75-01-4	22		1.0	5.0	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-1 Matrix Spike Dup Water**
BP Sanborn COC: 187784
2050 Cory Drive - Sanborn, NY PW-1

LLI Sample # WW 6931420
LLI Group # 1363954
Account # 12495

Project Name: BP Sanborn

Collected: 01/22/2013 10:00 by RCB

Submitted: 01/23/2013 09:25
Reported: 01/29/2013 14:04

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

SANP1

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
10335	VOCs 8260 Parsons Specs List	SW-846 8260B	1	W130282AA	01/28/2013 18:24	Emily R Styer	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	W130282AA	01/28/2013 18:24	Emily R Styer	1

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

Sample Description: B-42 Water
BP Sanborn COC: 187784
2050 Cory Drive - Sanborn, NY B-42

LLI Sample # WW 6931421
LLI Group # 1363954
Account # 12495

Project Name: BP Sanborn

Collected: 01/22/2013 09:15 by RCB

Submitted: 01/23/2013 09:25
Reported: 01/29/2013 14:04

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

SAN42

CAT No.	Analysis Name	CAS Number	As Received Result		As Received Method Detection Limit*	As Received Limit of Quantitation	Dilution Factor
GC/MS Volatiles	**SW-846 8260B**		ug/l		ug/l	ug/l	
10335	Benzyl Chloride	100-44-7	N.D.		1.0	5.0	1
10335	Bromobenzene	108-86-1	N.D.		1.0	5.0	1
10335	Bromodichloromethane	75-27-4	N.D.		1.0	5.0	1
10335	Bromoform	75-25-2	N.D.		1.0	5.0	1
10335	Bromomethane	74-83-9	N.D.		1.0	5.0	1
10335	Carbon Tetrachloride	56-23-5	N.D.		1.0	5.0	1
10335	Chlorobenzene	108-90-7	N.D.		0.80	5.0	1
10335	Chloroethane	75-00-3	N.D.		1.0	5.0	1
10335	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.						
10335	Chloroform	67-66-3	N.D.		0.80	5.0	1
10335	Chloromethane	74-87-3	N.D.		1.0	5.0	1
10335	Dibromochloromethane	124-48-1	N.D.		1.0	5.0	1
10335	Dibromomethane	74-95-3	N.D.		1.0	5.0	1
10335	1,2-Dichlorobenzene	95-50-1	N.D.		1.0	5.0	1
10335	1,3-Dichlorobenzene	541-73-1	N.D.		1.0	5.0	1
10335	1,4-Dichlorobenzene	106-46-7	N.D.		1.0	5.0	1
10335	Dichlorodifluoromethane	75-71-8	N.D.		2.0	5.0	1
10335	1,1-Dichloroethane	75-34-3	N.D.		1.0	5.0	1
10335	1,2-Dichloroethane	107-06-2	N.D.		1.0	5.0	1
10335	1,1-Dichloroethene	75-35-4	N.D.		0.80	5.0	1
10335	cis-1,2-Dichloroethene	156-59-2	6.3		0.80	5.0	1
10335	trans-1,2-Dichloroethene	156-60-5	N.D.		0.80	5.0	1
10335	1,2-Dichloropropane	78-87-5	N.D.		1.0	5.0	1
10335	cis-1,3-Dichloropropene	10061-01-5	N.D.		1.0	5.0	1
10335	trans-1,3-Dichloropropene	10061-02-6	N.D.		1.0	5.0	1
10335	Methylene Chloride	75-09-2	N.D.		2.0	5.0	1
10335	1,1,1,2-Tetrachloroethane	630-20-6	N.D.		1.0	5.0	1
10335	1,1,2,2-Tetrachloroethane	79-34-5	N.D.		1.0	5.0	1
10335	Tetrachloroethene	127-18-4	N.D.		0.80	5.0	1
10335	1,1,1-Trichloroethane	71-55-6	N.D.		0.80	5.0	1
10335	1,1,2-Trichloroethane	79-00-5	N.D.		0.80	5.0	1
10335	Trichloroethene	79-01-6	3.2	J	1.0	5.0	1
10335	Trichlorofluoromethane	75-69-4	N.D.		2.0	5.0	1
10335	1,2,3-Trichloropropane	96-18-4	N.D.		1.0	5.0	1
10335	Vinyl Chloride	75-01-4	N.D.		1.0	5.0	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-42 Water
BP Sanborn COC: 187784
2050 Cory Drive - Sanborn, NY B-42

LLI Sample # WW 6931421
LLI Group # 1363954
Account # 12495

Project Name: BP Sanborn

Collected: 01/22/2013 09:15 by RCB

Submitted: 01/23/2013 09:25
Reported: 01/29/2013 14:04

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

SAN42

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
10335	VOCs 8260 Parsons Specs List	SW-846 8260B	1	N130252AA	01/26/2013 03:45	Brett W Kenyon	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	N130252AA	01/26/2013 03:45	Brett W Kenyon	1

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

Quality Control Summary

Client Name: Atlantic Richfield(Parsons-NY) Group Number: 1363954
Reported: 01/29/13 at 02:04 PM

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: N130251AA	Sample number(s): 6931411-6931415								
Benzyl Chloride	N.D.	1.0	5.0	ug/l	67		60-120		
Bromobenzene	N.D.	1.0	5.0	ug/l	93		80-120		
Bromodichloromethane	N.D.	1.0	5.0	ug/l	76		73-120		
Bromoform	N.D.	1.0	5.0	ug/l	80		61-120		
Bromomethane	N.D.	1.0	5.0	ug/l	95		44-120		
Carbon Tetrachloride	N.D.	1.0	5.0	ug/l	88		67-122		
Chlorobenzene	N.D.	0.80	5.0	ug/l	94		80-120		
Chloroethane	N.D.	1.0	5.0	ug/l	96		49-129		
2-Chloroethyl Vinyl Ether	N.D.	2.0	10	ug/l	71		29-151		
Chloroform	N.D.	0.80	5.0	ug/l	82		77-122		
Chloromethane	N.D.	1.0	5.0	ug/l	104		60-129		
Dibromochloromethane	N.D.	1.0	5.0	ug/l	84		72-120		
Dibromomethane	N.D.	1.0	5.0	ug/l	87		80-120		
1,2-Dichlorobenzene	N.D.	1.0	5.0	ug/l	94		80-120		
1,3-Dichlorobenzene	N.D.	1.0	5.0	ug/l	94		80-120		
1,4-Dichlorobenzene	N.D.	1.0	5.0	ug/l	95		80-120		
Dichlorodifluoromethane	N.D.	2.0	5.0	ug/l	80		47-120		
1,1-Dichloroethane	N.D.	1.0	5.0	ug/l	83		79-120		
1,2-Dichloroethane	N.D.	1.0	5.0	ug/l	77		64-130		
1,1-Dichloroethene	N.D.	0.80	5.0	ug/l	97		76-124		
cis-1,2-Dichloroethene	N.D.	0.80	5.0	ug/l	94		80-120		
trans-1,2-Dichloroethene	N.D.	0.80	5.0	ug/l	94		80-120		
1,2-Dichloropropane	N.D.	1.0	5.0	ug/l	83		80-120		
cis-1,3-Dichloropropene	N.D.	1.0	5.0	ug/l	85		78-120		
trans-1,3-Dichloropropene	N.D.	1.0	5.0	ug/l	71*		73-120		
Methylene Chloride	N.D.	2.0	5.0	ug/l	92		84-118		
1,1,1,2-Tetrachloroethane	N.D.	1.0	5.0	ug/l	94		79-120		
1,1,2,2-Tetrachloroethane	N.D.	1.0	5.0	ug/l	87		75-123		
Tetrachloroethene	N.D.	0.80	5.0	ug/l	96		79-120		
1,1,1-Trichloroethane	N.D.	0.80	5.0	ug/l	86		66-126		
1,1,2-Trichloroethane	N.D.	0.80	5.0	ug/l	88		80-120		
Trichloroethene	N.D.	1.0	5.0	ug/l	88		80-120		
Trichlorofluoromethane	N.D.	2.0	5.0	ug/l	94		65-130		
1,2,3-Trichloropropane	N.D.	1.0	5.0	ug/l	84		76-120		
Vinyl Chloride	N.D.	1.0	5.0	ug/l	107		56-123		
Batch number: N130252AA	Sample number(s): 6931414-6931417,6931421								
Benzyl Chloride	N.D.	1.0	5.0	ug/l	70		60-120		
Bromobenzene	N.D.	1.0	5.0	ug/l	92		80-120		
Bromodichloromethane	N.D.	1.0	5.0	ug/l	81		73-120		
Bromoform	N.D.	1.0	5.0	ug/l	83		61-120		
Bromomethane	N.D.	1.0	5.0	ug/l	88		44-120		
Carbon Tetrachloride	N.D.	1.0	5.0	ug/l	93		67-122		

*- 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: 1363954
Reported: 01/29/13 at 02:04 PM

Analysis Name	Blank Result	Blank MDL**	Blank LOQ	Report Units	LCS %REC	LCSD %REC	LCS/LCSD Limits	RPD	RPD Max
Chlorobenzene	N.D.	0.80	5.0	ug/l	94		80-120		
Chloroethane	N.D.	1.0	5.0	ug/l	89		49-129		
2-Chloroethyl Vinyl Ether	N.D.	2.0	10	ug/l	77		29-151		
Chloroform	N.D.	0.80	5.0	ug/l	86		77-122		
Chloromethane	N.D.	1.0	5.0	ug/l	91		60-129		
Dibromochloromethane	N.D.	1.0	5.0	ug/l	86		72-120		
Dibromomethane	N.D.	1.0	5.0	ug/l	90		80-120		
1,2-Dichlorobenzene	N.D.	1.0	5.0	ug/l	95		80-120		
1,3-Dichlorobenzene	N.D.	1.0	5.0	ug/l	94		80-120		
1,4-Dichlorobenzene	N.D.	1.0	5.0	ug/l	95		80-120		
Dichlorodifluoromethane	N.D.	2.0	5.0	ug/l	56		47-120		
1,1-Dichloroethane	N.D.	1.0	5.0	ug/l	86		79-120		
1,2-Dichloroethane	N.D.	1.0	5.0	ug/l	83		64-130		
1,1-Dichloroethene	N.D.	0.80	5.0	ug/l	97		76-124		
cis-1,2-Dichloroethene	N.D.	0.80	5.0	ug/l	94		80-120		
trans-1,2-Dichloroethene	N.D.	0.80	5.0	ug/l	93		80-120		
1,2-Dichloropropane	N.D.	1.0	5.0	ug/l	86		80-120		
cis-1,3-Dichloropropene	N.D.	1.0	5.0	ug/l	88		78-120		
trans-1,3-Dichloropropene	N.D.	1.0	5.0	ug/l	74		73-120		
Methylene Chloride	N.D.	2.0	5.0	ug/l	92		84-118		
1,1,1,2-Tetrachloroethane	N.D.	1.0	5.0	ug/l	96		79-120		
1,1,2,2-Tetrachloroethane	N.D.	1.0	5.0	ug/l	82		75-123		
Tetrachloroethene	N.D.	0.80	5.0	ug/l	114		79-120		
1,1,1-Trichloroethane	N.D.	0.80	5.0	ug/l	87		66-126		
1,1,2-Trichloroethane	N.D.	0.80	5.0	ug/l	92		80-120		
Trichloroethene	N.D.	1.0	5.0	ug/l	96		80-120		
Trichlorofluoromethane	N.D.	2.0	5.0	ug/l	97		65-130		
1,2,3-Trichloropropane	N.D.	1.0	5.0	ug/l	86		76-120		
Vinyl Chloride	N.D.	1.0	5.0	ug/l	98		56-123		
Batch number: W130282AA	Sample number(s): 6931418-6931420								
Benzyl Chloride	N.D.	1.0	5.0	ug/l	95		60-120		
Bromobenzene	N.D.	1.0	5.0	ug/l	96		80-120		
Bromodichloromethane	N.D.	1.0	5.0	ug/l	108		73-120		
Bromoform	N.D.	1.0	5.0	ug/l	97		61-120		
Bromomethane	N.D.	1.0	5.0	ug/l	106		44-120		
Carbon Tetrachloride	N.D.	1.0	5.0	ug/l	105		67-122		
Chlorobenzene	N.D.	0.80	5.0	ug/l	97		80-120		
Chloroethane	N.D.	1.0	5.0	ug/l	111		49-129		
2-Chloroethyl Vinyl Ether	N.D.	2.0	10	ug/l	85		29-151		
Chloroform	N.D.	0.80	5.0	ug/l	102		77-122		
Chloromethane	N.D.	1.0	5.0	ug/l	94		60-129		
Dibromochloromethane	N.D.	1.0	5.0	ug/l	112		72-120		
Dibromomethane	N.D.	1.0	5.0	ug/l	100		80-120		
1,2-Dichlorobenzene	N.D.	1.0	5.0	ug/l	98		80-120		
1,3-Dichlorobenzene	N.D.	1.0	5.0	ug/l	97		80-120		
1,4-Dichlorobenzene	N.D.	1.0	5.0	ug/l	94		80-120		
Dichlorodifluoromethane	N.D.	2.0	5.0	ug/l	80		47-120		
1,1-Dichloroethane	N.D.	1.0	5.0	ug/l	97		79-120		
1,2-Dichloroethane	N.D.	1.0	5.0	ug/l	113		64-130		
1,1-Dichloroethene	N.D.	0.80	5.0	ug/l	89		76-124		
cis-1,2-Dichloroethene	N.D.	0.80	5.0	ug/l	99		80-120		
trans-1,2-Dichloroethene	N.D.	0.80	5.0	ug/l	96		80-120		
1,2-Dichloropropane	N.D.	1.0	5.0	ug/l	86		80-120		
cis-1,3-Dichloropropene	N.D.	1.0	5.0	ug/l	106		78-120		
trans-1,3-Dichloropropene	N.D.	1.0	5.0	ug/l	107		73-120		

*- 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: 1363954
Reported: 01/29/13 at 02:04 PM

Analysis Name	Blank Result	Blank MDL**	Blank LOQ	Report Units	LCS %REC	LCSD %REC	LCS/LCSD Limits	RPD	RPD Max
Methylene Chloride	N.D.	2.0	5.0	ug/l	94		84-118		
1,1,1,2-Tetrachloroethane	N.D.	1.0	5.0	ug/l	108		79-120		
1,1,2,2-Tetrachloroethane	N.D.	1.0	5.0	ug/l	97		75-123		
Tetrachloroethene	N.D.	0.80	5.0	ug/l	99		79-120		
1,1,1-Trichloroethane	N.D.	0.80	5.0	ug/l	97		66-126		
1,1,2-Trichloroethane	N.D.	0.80	5.0	ug/l	99		80-120		
Trichloroethene	N.D.	1.0	5.0	ug/l	97		80-120		
Trichlorofluoromethane	N.D.	2.0	5.0	ug/l	115		65-130		
1,2,3-Trichloropropane	N.D.	1.0	5.0	ug/l	97		76-120		
Vinyl Chloride	N.D.	1.0	5.0	ug/l	95		56-123		

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: N130251AA	Sample number(s): 6931411-6931415 UNSPK: P926755								
Benzyl Chloride	75	80	62-120	6	30				
Bromobenzene	105	110	82-115	4	30				
Bromodichloromethane	86	92	78-125	6	30				
Bromoform	88	92	48-118	4	30				
Bromomethane	108	111	47-129	2	30				
Carbon Tetrachloride	107	112	72-135	5	30				
Chlorobenzene	107	113	87-124	5	30				
Chloroethane	114	114	51-145	0	30				
2-Chloroethyl Vinyl Ether	82	88	10-151	7	30				
Chloroform	95	100	81-134	5	30				
Chloromethane	127	134	46-137	5	30				
Dibromochloromethane	95	100	74-116	5	30				
Dibromomethane	97	102	83-119	5	30				
1,2-Dichlorobenzene	107	113	84-119	5	30				
1,3-Dichlorobenzene	108	114	86-121	6	30				
1,4-Dichlorobenzene	108	113	85-121	4	30				
Dichlorodifluoromethane	108	111	52-129	2	30				
1,1-Dichloroethane	96	101	84-129	5	30				
1,2-Dichloroethane	87	91	68-131	4	30				
1,1-Dichloroethene	115	121	85-142	5	30				
cis-1,2-Dichloroethene	108	112	85-125	4	30				
trans-1,2-Dichloroethene	110	114	87-126	3	30				
1,2-Dichloropropane	95	100	83-124	5	30				
cis-1,3-Dichloropropene	97	103	70-116	6	30				
trans-1,3-Dichloropropene	80	85	74-119	6	30				
Methylene Chloride	105	109	78-133	4	30				
1,1,1,2-Tetrachloroethane	105	113	82-119	7	30				
1,1,2,2-Tetrachloroethane	96	100	72-128	5	30				
Tetrachloroethene	111	119	80-128	7	30				
1,1,1-Trichloroethane	103	107	69-140	4	30				
1,1,2-Trichloroethane	101	106	77-124	5	30				
Trichloroethene	113	115	88-133	2	30				
Trichlorofluoromethane	121	124	64-146	2	30				
1,2,3-Trichloropropane	92	98	76-118	6	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: 1363954
Reported: 01/29/13 at 02:04 PM

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
Vinyl Chloride	128	131	66-133	2	30				
Batch number: N130252AA	Sample number(s): 6931414-6931417,6931421 UNSPK: P932428								
Benzyl Chloride	71	70	62-120	1	30				
Bromobenzene	95	93	82-115	2	30				
Bromodichloromethane	82	81	78-125	1	30				
Bromoform	84	83	48-118	2	30				
Bromomethane	89	88	47-129	2	30				
Carbon Tetrachloride	95	93	72-135	2	30				
Chlorobenzene	97	96	87-124	0	30				
Chloroethane	93	91	51-145	2	30				
2-Chloroethyl Vinyl Ether	77	78	10-151	2	30				
Chloroform	88	86	81-134	2	30				
Chloromethane	92	91	46-137	1	30				
Dibromochloromethane	89	88	74-116	1	30				
Dibromomethane	92	91	83-119	0	30				
1,2-Dichlorobenzene	97	97	84-119	1	30				
1,3-Dichlorobenzene	97	95	86-121	2	30				
1,4-Dichlorobenzene	96	97	85-121	0	30				
Dichlorodifluoromethane	53	51*	52-129	4	30				
1,1-Dichloroethane	87	86	84-129	1	30				
1,2-Dichloroethane	83	82	68-131	1	30				
1,1-Dichloroethene	98	99	85-142	0	30				
cis-1,2-Dichloroethene	97	96	85-125	1	30				
trans-1,2-Dichloroethene	97	97	87-126	0	30				
1,2-Dichloropropane	87	86	83-124	1	30				
cis-1,3-Dichloropropene	89	90	70-116	0	30				
trans-1,3-Dichloropropene	75	75	74-119	0	30				
Methylene Chloride	96	95	78-133	2	30				
1,1,1,2-Tetrachloroethane	97	97	82-119	0	30				
1,1,2,2-Tetrachloroethane	89	89	72-128	0	30				
Tetrachloroethene	96	95	80-128	1	30				
1,1,1-Trichloroethane	89	89	69-140	0	30				
1,1,2-Trichloroethane	92	91	77-124	1	30				
Trichloroethene	92	91	88-133	1	30				
Trichlorofluoromethane	95	94	64-146	1	30				
1,2,3-Trichloropropane	87	88	76-118	1	30				
Vinyl Chloride	99	100	66-133	1	30				
Batch number: W130282AA	Sample number(s): 6931418-6931420 UNSPK: 6931418								
Benzyl Chloride	96	101	62-120	5	30				
Bromobenzene	100	106	82-115	6	30				
Bromodichloromethane	115	125	78-125	8	30				
Bromoform	97	106	48-118	8	30				
Bromomethane	81	86	47-129	6	30				
Carbon Tetrachloride	124	128	72-135	4	30				
Chlorobenzene	103	111	87-124	7	30				
Chloroethane	93	96	51-145	2	30				
2-Chloroethyl Vinyl Ether	90	97	10-151	8	30				
Chloroform	111	118	81-134	6	30				
Chloromethane	42*	42*	46-137	0	30				
Dibromochloromethane	116	122*	74-116	5	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: 1363954
Reported: 01/29/13 at 02:04 PM

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
Dibromomethane	104	111	83-119	6	30				
1,2-Dichlorobenzene	100	105	84-119	5	30				
1,3-Dichlorobenzene	102	105	86-121	3	30				
1,4-Dichlorobenzene	99	106	85-121	6	30				
Dichlorodifluoromethane	18*	17*	52-129	5	30				
1,1-Dichloroethane	103	106	84-129	3	30				
1,2-Dichloroethane	121	126	68-131	4	30				
1,1-Dichloroethene	106	111	85-142	4	30				
cis-1,2-Dichloroethene	-12 (2)	-252 (2)	85-125	15	30				
trans-1,2-Dichloroethene	103	108	87-126	5	30				
1,2-Dichloropropane	92	99	83-124	7	30				
cis-1,3-Dichloropropene	112	120*	70-116	7	30				
trans-1,3-Dichloropropene	109	118	74-119	7	30				
Methylene Chloride	98	107	78-133	9	30				
1,1,1,2-Tetrachloroethane	112	119	82-119	6	30				
1,1,2,2-Tetrachloroethane	93	95	72-128	3	30				
Tetrachloroethene	116	122	80-128	5	30				
1,1,1-Trichloroethane	107	111	69-140	3	30				
1,1,2-Trichloroethane	102	108	77-124	6	30				
Trichloroethene	-208 (2)	-1056 (2)	88-133	18	30				
Trichlorofluoromethane	110	117	64-146	6	30				
1,2,3-Trichloropropane	97	104	76-118	7	30				
Vinyl Chloride	77	52*	66-133	20	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: PPL + Xylene (total) by 8260
Batch number: N130251AA

	Dibromofluoromethane	1,2-Dichloroethane-d4	Toluene-d8	4-Bromofluorobenzene
6931411	103	104	97	91
6931412	105	105	97	90
6931413	104	103	97	90
6931414	107	103	98	90
6931415	106	105	99	90
Blank	102	105	98	89
LCS	100	100	101	95
MS	101	102	100	95
MSD	100	101	100	96
Limits:	80-116	77-113	80-113	78-113

Analysis Name: PPL + Xylene (total) by 8260
Batch number: N130252AA

*- 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.

2425 New Holland Pike, PO Box 12425, Lancaster, PA 17605-2425 • 717-656-2300 Fax: 717-656-2681 • www.lancasterlabs.com

Quality Control Summary

Client Name: Atlantic Richfield(Parsons-NY) Group Number: 1363954
Reported: 01/29/13 at 02:04 PM

Surrogate Quality Control

	Dibromofluoromethane	1,2-Dichloroethane-d4	Toluene-d8	4-Bromofluorobenzene
6931416	103	103	97	89
6931417	103	103	97	90
6931421	104	105	96	90
Blank	103	102	97	91
LCS	101	101	100	97
MS	102	101	100	97
MSD	102	102	100	96
Limits:	80-116	77-113	80-113	78-113

Analysis Name: PPL + Xylene (total) by 8260
Batch number: W130282AA

	Dibromofluoromethane	1,2-Dichloroethane-d4	Toluene-d8	4-Bromofluorobenzene
6931418	107	101	101	99
6931419	108	95	100	101
6931420	108	101	100	101
Blank	105	100	99	96
LCS	106	100	101	101
MS	108	95	100	101
MSD	108	101	100	101
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.

A-12495 G-1363954 S-6931411-1422

Atlantic Richfield Company
A BP affiliated company

Laboratory Management Program LaMP Chain of Custody Record

187784

Page 1 of 2

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

Lab Name: Lancaster Labs	BP/ARC Facility Address: 2050 Cory Dr.	Consultant/Contractor: Parsons
Lab Address: 2425 New Holland Pike Lancaster, PA 17606	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) 556-7323	California Global ID No.:	Consultant/Contractor PM: George Hermance
Lab Shipping Accnt:	Enfos Proposal No: D00614-0004	Phone: (716) 407-4990
Lab Bottle Order No: 133496	Accounting Mode: Provision ___ OOC-BU ___ OOC-RM ___	Email EDD To: Lorraine Weber
Other Info:	Stage: 60 Activity: 81	Invoice To: BP/ARC ✓ Contractor ___

BP/ARC EBM: William Barber
EBM Phone: (216) 271-8038
EBM Email:

Lab No.	Sample Description	Date	Time	Matrix: Soil / Solid	Matrix: Water / Liquid	Matrix: Air / Vapor	Matrix:	No. Containers / Preservative: Total Number of Containers	Unpreserved	H_2SO_4	HNO_3	HCl	Methanol		Requested Analyses: 8260										Report Type & QC Level
	B-48	1/22/13	1415		X			3	X						X										
	B-49	1/22/13	1335		X			3	X						X										
	Field Dup #1	1/22/13			X			3	X						X										
	P-4	1/22/13	1215		X			3	X						X										
	B-13	1/22/13	1210		X			3	X						X										
	B-19	1/22/13	1130		X			3	X						X										
	B-43	1/22/13	1100		X			3	X						X										
	PW-1	1/22/13	1000		X			3	X						X										
	PW-1 MS	1/22/13	1000		X			3	X						X										
	PW-1 MSD	1/22/13	1000		X			3	X						X										

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	1/22/13	1500			
Shipment Method: Fed Ex Ship Date: 1/22/13						
Shipment Tracking No: 801301780856				Corey Eshelman LLF	1/23/13	0925

Special Instructions:

THIS LINE - LAB USE ONLY: Custody Seals In Place: (Yes) / No | Temp Blank: (Yes) / No | Cooler Temp on Receipt: 2.5 °F/(C) | Trip Blank: (Yes) / No | MS/MSD Sample Submitted: (Yes) / No

A-12495 G-1363954 R212003 S-6931411-1422

Laboratory Management Program LaMP Chain of Custody Record

BP Site Node Path: BP, Sanborn | Req Due Date (mm/dd/yy): | Rush TAT: Yes ___ No ✓

BP Facility No: | Lab Work Order Number:

Lab Name: Lancaster Labs	Facility Address: 2050 Cory Dr.	Consultant/Contractor: Parsons
Lab Address: 2425 Newholland Pike Lancaster, PA 17606	City, State, ZIP Code: Sanborn, NY 14132	Consultant/Contractor Project No:
Lab PM: Kaitlin Plasterer	Lead Regulatory Agency: NYS DEC	Address: 40 La Riviere Dr. Suite 350, Buffalo, NY 14202
Lab Phone: (717) 556-7323	California Global ID No.:	Consultant/Contractor PM: Georgy Hermance
Lab Shipping Accnt:	Enfos Proposal No: D00B4-0001	Phone (717) 407-4990 Email:
Lab Bottle Order No: 133496	Accounting Mode: Provision ___ 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): ~~[redacted]~~ William Barber

BP PM Phone: (216) 271-8038

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	Report Type & QC Level / Comments
	B-42	1/22/13	0915		X				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: QHM Enterprises Inc	L Megoshko	1/10/13	10:00	Richard C Becken	1/4/13	10
Shipment Method: Fed Ex Ship Date: 1/22/13	Richard C Becken	1/22/13	1500			
Shipment Tracking No: 801301780856				Cory Cahlen LLI	1/23/13	0925

Special Instructions:

THIS LINE - LAB USE ONLY: Custody Seals In Place: (Yes) / No | Temp Blank: (Yes) / No | Cooler Temp on Receipt: 2.5 °F/C | Trip Blank: (Yes) / No | MS/MSD Sample Submitted: (Yes) / No

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G-1363954

Environmental Sample Administration
Receipt Documentation Log

Client/Project: BP

Date of Receipt: 1/23/13

Time of Receipt: 0925

Source Code: 50-1

Shipping Container Sealed: (YES) NO

Custody Seal Present * : (YES) NO

* Custody seal was intact unless otherwise noted in the discrepancy section

Package: (Chilled) Not Chilled

Temperature of Shipping Containers							
Cooler #	Thermometer ID	Temperature (°C)	Temp Bottle (TB) or Surface Temp (ST)	Wet Ice (WI) or Dry Ice (DI) or Ice Packs (IP)	Ice Present? Y/N	Loose (L) Bagged Ice (B) or NA	Comments
1	2737	2.5	TB	WI	Y	B.	
2							
3							
4							
5							
6							

Number of Trip Blanks received NOT listed on chain of custody: 2

Paperwork Discrepancy/Unpacking Problems:

Unpacker Signature/Emp#: 3647 **Date/Time:** 1/23/13 1025

Issued by Dept. 6042 Management

2174.06

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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 - The number following the sign is the limit of quantitation, the smallest amount of analyte which can be reliably determined using this specific test.

> greater than

J estimated value – The result is ≥ the Method Detection Limit (MDL) and < the Limit of Quantitation (LOQ).

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 of gas 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.

U.S. EPA CLP Data Qualifiers:

Organic Qualifiers

A	TIC is a possible aldol-condensation product
B	Analyte was also detected in the blank
C	Pesticide result confirmed by GC/MS
D	Compound quantitated on a diluted sample
E	Concentration exceeds the calibration range of the instrument
N	Presumptive evidence of a compound (TICs only)
P	Concentration difference between primary and confirmation columns >25%
U	Compound was not detected
X,Y,Z	Defined in case narrative

Inorganic Qualifiers

B	Value is <CRDL, but ≥IDL
E	Estimated due to interference
M	Duplicate injection precision not met
N	Spike sample not within control limits
S	Method of standard additions (MSA) used for calculation
U	Compound was not detected
W	Post digestion spike out of control limits
*****	Duplicate analysis not within control limits
+	Correlation coefficient for MSA <0.995

Analytical test results meet all requirements of NELAC 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. This report shall not be reproduced except in full, without the written approval of the laboratory.

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.

ANALYTICAL RESULTS

Prepared by:

Lancaster Laboratories
2425 New Holland Pike
Lancaster, PA 17605-2425

Prepared for:

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

January 30, 2013

Project: BP Sanborn

Submittal Date: 01/24/2013
Group Number: 1364227
PO Number: D00B4-0004
Release Number: BARBER
State of Sample Origin: NY

Client Sample Description	Lancaster Labs (LLI) #
B-6 Water	6932568
Tank 002 Water	6932569
B-23 Water	6932570
Field Dup #2 Water	6932571
B-24 Water	6932572
B-57 Water	6932573
B-56 Water	6932574
B-8 Water	6932575
B-8 Matrix Spike Water	6932576
B-8 Matrix Spike Dup Water	6932577
B-17 Water	6932578

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

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

2425 New Holland Pike, PO Box 12425, Lancaster, PA 17605-2425 •717-656-2300 Fax:717-656-2681• www.lancasterlabs.com

Respectfully Submitted,

Kaitlin N. Plasterer

Kaitlin N. Plasterer
Specialist

(717) 556-7323

Project Name: BP Sanborn
LLI Group #: 1364227

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 8260B, GC/MS Volatiles

Batch #: N130291AA (Sample number(s): 6932575-6932578 UNSPK: 6932575)

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

Batch #: W130282AA (Sample number(s): 6932568-6932574 UNSPK: P931418)

The recovery(ies) for the following analyte(s) in the MS and/or MSD was outside the acceptance window: Dichlorodifluoromethane, Chloromethane, Vinyl Chloride, cis-1,2-Dichloroethene, Trichloroethene, Dibromochloromethane, cis-1,3-Dichloropropene

Sample Description: B-6 Water
BP Sanborn COC: 192457
2050 Cory Drive - Sanborn, NY B-6

LLI Sample # WW 6932568
LLI Group # 1364227
Account # 12495

Project Name: BP Sanborn

Collected: 01/23/2013 12:10 by RCB

Submitted: 01/24/2013 09:15
Reported: 01/30/2013 19:57

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

SANB6

CAT No.	Analysis Name	CAS Number	As Received Result		As Received Method Detection Limit*	As Received Limit of Quantitation	Dilution Factor
GC/MS Volatiles	**SW-846 8260B**		ug/l		ug/l	ug/l	
10335	Benzyl Chloride	100-44-7	N.D.		1.0	5.0	1
10335	Bromobenzene	108-86-1	N.D.		1.0	5.0	1
10335	Bromodichloromethane	75-27-4	N.D.		1.0	5.0	1
10335	Bromoform	75-25-2	N.D.		1.0	5.0	1
10335	Bromomethane	74-83-9	N.D.		1.0	5.0	1
10335	Carbon Tetrachloride	56-23-5	N.D.		1.0	5.0	1
10335	Chlorobenzene	108-90-7	N.D.		0.80	5.0	1
10335	Chloroethane	75-00-3	N.D.		1.0	5.0	1
10335	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.						
10335	Chloroform	67-66-3	N.D.		0.80	5.0	1
10335	Chloromethane	74-87-3	N.D.		1.0	5.0	1
10335	Dibromochloromethane	124-48-1	N.D.		1.0	5.0	1
10335	Dibromomethane	74-95-3	N.D.		1.0	5.0	1
10335	1,2-Dichlorobenzene	95-50-1	N.D.		1.0	5.0	1
10335	1,3-Dichlorobenzene	541-73-1	N.D.		1.0	5.0	1
10335	1,4-Dichlorobenzene	106-46-7	N.D.		1.0	5.0	1
10335	Dichlorodifluoromethane	75-71-8	N.D.		2.0	5.0	1
10335	1,1-Dichloroethane	75-34-3	N.D.		1.0	5.0	1
10335	1,2-Dichloroethane	107-06-2	N.D.		1.0	5.0	1
10335	1,1-Dichloroethene	75-35-4	N.D.		0.80	5.0	1
10335	cis-1,2-Dichloroethene	156-59-2	40		0.80	5.0	1
10335	trans-1,2-Dichloroethene	156-60-5	1.2	J	0.80	5.0	1
10335	1,2-Dichloropropane	78-87-5	N.D.		1.0	5.0	1
10335	cis-1,3-Dichloropropene	10061-01-5	N.D.		1.0	5.0	1
10335	trans-1,3-Dichloropropene	10061-02-6	N.D.		1.0	5.0	1
10335	Methylene Chloride	75-09-2	N.D.		2.0	5.0	1
10335	1,1,1,2-Tetrachloroethane	630-20-6	N.D.		1.0	5.0	1
10335	1,1,2,2-Tetrachloroethane	79-34-5	N.D.		1.0	5.0	1
10335	Tetrachloroethene	127-18-4	N.D.		0.80	5.0	1
10335	1,1,1-Trichloroethane	71-55-6	N.D.		0.80	5.0	1
10335	1,1,2-Trichloroethane	79-00-5	N.D.		0.80	5.0	1
10335	Trichloroethene	79-01-6	350		10	50	10
10335	Trichlorofluoromethane	75-69-4	N.D.		2.0	5.0	1
10335	1,2,3-Trichloropropane	96-18-4	N.D.		1.0	5.0	1
10335	Vinyl Chloride	75-01-4	N.D.		1.0	5.0	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-6 Water
BP Sanborn COC: 192457
2050 Cory Drive - Sanborn, NY B-6

LLI Sample # WW 6932568
LLI Group # 1364227
Account # 12495

Project Name: BP Sanborn

Collected: 01/23/2013 12:10 by RCB

Submitted: 01/24/2013 09:15
Reported: 01/30/2013 19:57

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

SANB6

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
10335	VOCs 8260 Parsons Specs List	SW-846 8260B	1	W130282AA	01/28/2013 18:48	Emily R Styer	1
10335	VOCs 8260 Parsons Specs List	SW-846 8260B	1	W130282AA	01/28/2013 19:11	Emily R Styer	10
01163	GC/MS VOA Water Prep	SW-846 5030B	1	W130282AA	01/28/2013 18:48	Emily R Styer	1
01163	GC/MS VOA Water Prep	SW-846 5030B	2	W130282AA	01/28/2013 19:11	Emily R Styer	10

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

Sample Description: Tank 002 Water
BP Sanborn COC: 192457
2050 Cory Drive - Sanborn, NY Tank 002

LLI Sample # WW 6932569
LLI Group # 1364227
Account # 12495

Project Name: BP Sanborn

Collected: 01/23/2013 12:20 by RCB

Submitted: 01/24/2013 09:15
Reported: 01/30/2013 19:57

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

SAN2T

CAT No.	Analysis Name	CAS Number	As Received Result		As Received Method Detection Limit*	As Received Limit of Quantitation	Dilution Factor
GC/MS Volatiles	**SW-846 8260B**		ug/l		ug/l	ug/l	
10335	Benzyl Chloride	100-44-7	N.D.		1.0	5.0	1
10335	Bromobenzene	108-86-1	N.D.		1.0	5.0	1
10335	Bromodichloromethane	75-27-4	N.D.		1.0	5.0	1
10335	Bromoform	75-25-2	N.D.		1.0	5.0	1
10335	Bromomethane	74-83-9	N.D.		1.0	5.0	1
10335	Carbon Tetrachloride	56-23-5	N.D.		1.0	5.0	1
10335	Chlorobenzene	108-90-7	N.D.		0.80	5.0	1
10335	Chloroethane	75-00-3	1.0	J	1.0	5.0	1
10335	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.						
10335	Chloroform	67-66-3	N.D.		0.80	5.0	1
10335	Chloromethane	74-87-3	N.D.		1.0	5.0	1
10335	Dibromochloromethane	124-48-1	N.D.		1.0	5.0	1
10335	Dibromomethane	74-95-3	N.D.		1.0	5.0	1
10335	1,2-Dichlorobenzene	95-50-1	N.D.		1.0	5.0	1
10335	1,3-Dichlorobenzene	541-73-1	N.D.		1.0	5.0	1
10335	1,4-Dichlorobenzene	106-46-7	N.D.		1.0	5.0	1
10335	Dichlorodifluoromethane	75-71-8	N.D.		2.0	5.0	1
10335	1,1-Dichloroethane	75-34-3	74		1.0	5.0	1
10335	1,2-Dichloroethane	107-06-2	N.D.		1.0	5.0	1
10335	1,1-Dichloroethene	75-35-4	11		0.80	5.0	1
10335	cis-1,2-Dichloroethene	156-59-2	580		8.0	50	10
10335	trans-1,2-Dichloroethene	156-60-5	4.8	J	0.80	5.0	1
10335	1,2-Dichloropropane	78-87-5	N.D.		1.0	5.0	1
10335	cis-1,3-Dichloropropene	10061-01-5	N.D.		1.0	5.0	1
10335	trans-1,3-Dichloropropene	10061-02-6	N.D.		1.0	5.0	1
10335	Methylene Chloride	75-09-2	N.D.		2.0	5.0	1
10335	1,1,1,2-Tetrachloroethane	630-20-6	N.D.		1.0	5.0	1
10335	1,1,2,2-Tetrachloroethane	79-34-5	N.D.		1.0	5.0	1
10335	Tetrachloroethene	127-18-4	8.0		0.80	5.0	1
10335	1,1,1-Trichloroethane	71-55-6	440		8.0	50	10
10335	1,1,2-Trichloroethane	79-00-5	1.5	J	0.80	5.0	1
10335	Trichloroethene	79-01-6	1,400		10	50	10
10335	Trichlorofluoromethane	75-69-4	N.D.		2.0	5.0	1
10335	1,2,3-Trichloropropane	96-18-4	N.D.		1.0	5.0	1
10335	Vinyl Chloride	75-01-4	21		1.0	5.0	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: Tank 002 Water
BP Sanborn COC: 192457
2050 Cory Drive - Sanborn, NY Tank 002

LLI Sample # WW 6932569
LLI Group # 1364227
Account # 12495

Project Name: BP Sanborn

Collected: 01/23/2013 12:20 by RCB

Submitted: 01/24/2013 09:15
Reported: 01/30/2013 19:57

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

SAN2T

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
10335	VOCs 8260 Parsons Specs List	SW-846 8260B	1	W130282AA	01/28/2013 19:35	Emily R Styer	1
10335	VOCs 8260 Parsons Specs List	SW-846 8260B	1	W130282AA	01/28/2013 19:59	Emily R Styer	10
01163	GC/MS VOA Water Prep	SW-846 5030B	1	W130282AA	01/28/2013 19:35	Emily R Styer	1
01163	GC/MS VOA Water Prep	SW-846 5030B	2	W130282AA	01/28/2013 19:59	Emily R Styer	10

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

Sample Description: B-23 Water
BP Sanborn COC: 192457
2050 Cory Drive - Sanborn, NY B-23

LLI Sample # WW 6932570
LLI Group # 1364227
Account # 12495

Project Name: BP Sanborn

Collected: 01/23/2013 11:20 by RCB

Submitted: 01/24/2013 09:15
Reported: 01/30/2013 19:57

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

SAN23

CAT No.	Analysis Name	CAS Number	As Received Result		As Received Method Detection Limit*	As Received Limit of Quantitation	Dilution Factor
GC/MS Volatiles	**SW-846 8260B**		**ug/l**		**ug/l**	**ug/l**	
10335	Benzyl Chloride	100-44-7	N.D.		1.0	5.0	1
10335	Bromobenzene	108-86-1	N.D.		1.0	5.0	1
10335	Bromodichloromethane	75-27-4	N.D.		1.0	5.0	1
10335	Bromoform	75-25-2	N.D.		1.0	5.0	1
10335	Bromomethane	74-83-9	N.D.		1.0	5.0	1
10335	Carbon Tetrachloride	56-23-5	N.D.		1.0	5.0	1
10335	Chlorobenzene	108-90-7	N.D.		0.80	5.0	1
10335	Chloroethane	75-00-3	N.D.		1.0	5.0	1
10335	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.						
10335	Chloroform	67-66-3	N.D.		0.80	5.0	1
10335	Chloromethane	74-87-3	N.D.		1.0	5.0	1
10335	Dibromochloromethane	124-48-1	N.D.		1.0	5.0	1
10335	Dibromomethane	74-95-3	N.D.		1.0	5.0	1
10335	1,2-Dichlorobenzene	95-50-1	N.D.		1.0	5.0	1
10335	1,3-Dichlorobenzene	541-73-1	N.D.		1.0	5.0	1
10335	1,4-Dichlorobenzene	106-46-7	N.D.		1.0	5.0	1
10335	Dichlorodifluoromethane	75-71-8	N.D.		2.0	5.0	1
10335	1,1-Dichloroethane	75-34-3	2.8	J	1.0	5.0	1
10335	1,2-Dichloroethane	107-06-2	N.D.		1.0	5.0	1
10335	1,1-Dichloroethene	75-35-4	N.D.		0.80	5.0	1
10335	cis-1,2-Dichloroethene	156-59-2	190		0.80	5.0	1
10335	trans-1,2-Dichloroethene	156-60-5	2.0	J	0.80	5.0	1
10335	1,2-Dichloropropane	78-87-5	N.D.		1.0	5.0	1
10335	cis-1,3-Dichloropropene	10061-01-5	N.D.		1.0	5.0	1
10335	trans-1,3-Dichloropropene	10061-02-6	N.D.		1.0	5.0	1
10335	Methylene Chloride	75-09-2	N.D.		2.0	5.0	1
10335	1,1,1,2-Tetrachloroethane	630-20-6	N.D.		1.0	5.0	1
10335	1,1,2,2-Tetrachloroethane	79-34-5	N.D.		1.0	5.0	1
10335	Tetrachloroethene	127-18-4	N.D.		0.80	5.0	1
10335	1,1,1-Trichloroethane	71-55-6	2.0	J	0.80	5.0	1
10335	1,1,2-Trichloroethane	79-00-5	N.D.		0.80	5.0	1
10335	Trichloroethene	79-01-6	130		1.0	5.0	1
10335	Trichlorofluoromethane	75-69-4	N.D.		2.0	5.0	1
10335	1,2,3-Trichloropropane	96-18-4	N.D.		1.0	5.0	1
10335	Vinyl Chloride	75-01-4	8.5		1.0	5.0	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-23 Water
BP Sanborn COC: 192457
2050 Cory Drive - Sanborn, NY B-23

LLI Sample # WW 6932570
LLI Group # 1364227
Account # 12495

Project Name: BP Sanborn

Collected: 01/23/2013 11:20 by RCB

Submitted: 01/24/2013 09:15
Reported: 01/30/2013 19:57

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

SAN23

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
10335	VOCs 8260 Parsons Specs List	SW-846 8260B	1	W130282AA	01/28/2013 20:23	Emily R Styer	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	W130282AA	01/28/2013 20:23	Emily R Styer	1

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

Sample Description: Field Dup #2 Water
BP Sanborn COC: 192457
2050 Cory Drive - Sanborn, NY Field Dup #2

LLI Sample # WW 6932571
LLI Group # 1364227
Account # 12495

Project Name: BP Sanborn

Collected: 01/23/2013 by RCB

Submitted: 01/24/2013 09:15
Reported: 01/30/2013 19:57

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

SANF2

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit*	As Received Limit of Quantitation	Dilution Factor
GC/MS Volatiles	**SW-846 8260B**		ug/l	ug/l	ug/l	
10335	Benzyl Chloride	100-44-7	N.D.	1.0	5.0	1
10335	Bromobenzene	108-86-1	N.D.	1.0	5.0	1
10335	Bromodichloromethane	75-27-4	N.D.	1.0	5.0	1
10335	Bromoform	75-25-2	N.D.	1.0	5.0	1
10335	Bromomethane	74-83-9	N.D.	1.0	5.0	1
10335	Carbon Tetrachloride	56-23-5	N.D.	1.0	5.0	1
10335	Chlorobenzene	108-90-7	N.D.	0.80	5.0	1
10335	Chloroethane	75-00-3	N.D.	1.0	5.0	1
10335	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.					
10335	Chloroform	67-66-3	N.D.	0.80	5.0	1
10335	Chloromethane	74-87-3	N.D.	1.0	5.0	1
10335	Dibromochloromethane	124-48-1	N.D.	1.0	5.0	1
10335	Dibromomethane	74-95-3	N.D.	1.0	5.0	1
10335	1,2-Dichlorobenzene	95-50-1	N.D.	1.0	5.0	1
10335	1,3-Dichlorobenzene	541-73-1	N.D.	1.0	5.0	1
10335	1,4-Dichlorobenzene	106-46-7	N.D.	1.0	5.0	1
10335	Dichlorodifluoromethane	75-71-8	N.D.	2.0	5.0	1
10335	1,1-Dichloroethane	75-34-3	N.D.	1.0	5.0	1
10335	1,2-Dichloroethane	107-06-2	N.D.	1.0	5.0	1
10335	1,1-Dichloroethene	75-35-4	N.D.	0.80	5.0	1
10335	cis-1,2-Dichloroethene	156-59-2	N.D.	0.80	5.0	1
10335	trans-1,2-Dichloroethene	156-60-5	N.D.	0.80	5.0	1
10335	1,2-Dichloropropane	78-87-5	N.D.	1.0	5.0	1
10335	cis-1,3-Dichloropropene	10061-01-5	N.D.	1.0	5.0	1
10335	trans-1,3-Dichloropropene	10061-02-6	N.D.	1.0	5.0	1
10335	Methylene Chloride	75-09-2	N.D.	2.0	5.0	1
10335	1,1,1,2-Tetrachloroethane	630-20-6	N.D.	1.0	5.0	1
10335	1,1,2,2-Tetrachloroethane	79-34-5	N.D.	1.0	5.0	1
10335	Tetrachloroethene	127-18-4	N.D.	0.80	5.0	1
10335	1,1,1-Trichloroethane	71-55-6	N.D.	0.80	5.0	1
10335	1,1,2-Trichloroethane	79-00-5	N.D.	0.80	5.0	1
10335	Trichloroethene	79-01-6	N.D.	1.0	5.0	1
10335	Trichlorofluoromethane	75-69-4	N.D.	2.0	5.0	1
10335	1,2,3-Trichloropropane	96-18-4	N.D.	1.0	5.0	1
10335	Vinyl Chloride	75-01-4	N.D.	1.0	5.0	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: 192457
2050 Cory Drive - Sanborn, NY Field Dup #2

LLI Sample # WW 6932571
LLI Group # 1364227
Account # 12495

Project Name: BP Sanborn

Collected: 01/23/2013 by RCB

Submitted: 01/24/2013 09:15
Reported: 01/30/2013 19:57

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

SANF2

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
10335	VOCs 8260 Parsons Specs List	SW-846 8260B	1	W130282AA	01/28/2013 20:47	Emily R Styer	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	W130282AA	01/28/2013 20:47	Emily R Styer	1

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

Sample Description: B-24 Water
BP Sanborn COC: 192457
2050 Cory Drive - Sanborn, NY B-24

LLI Sample # WW 6932572
LLI Group # 1364227
Account # 12495

Project Name: BP Sanborn

Collected: 01/23/2013 10:20 by RCB

Submitted: 01/24/2013 09:15
Reported: 01/30/2013 19:57

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

SAN24

CAT No.	Analysis Name	CAS Number	As Received Result		As Received Method Detection Limit*	As Received Limit of Quantitation	Dilution Factor
GC/MS Volatiles	**SW-846 8260B**		ug/l		ug/l	ug/l	
10335	Benzyl Chloride	100-44-7	N.D.		1.0	5.0	1
10335	Bromobenzene	108-86-1	N.D.		1.0	5.0	1
10335	Bromodichloromethane	75-27-4	N.D.		1.0	5.0	1
10335	Bromoform	75-25-2	N.D.		1.0	5.0	1
10335	Bromomethane	74-83-9	N.D.		1.0	5.0	1
10335	Carbon Tetrachloride	56-23-5	N.D.		1.0	5.0	1
10335	Chlorobenzene	108-90-7	N.D.		0.80	5.0	1
10335	Chloroethane	75-00-3	N.D.		1.0	5.0	1
10335	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.						
10335	Chloroform	67-66-3	N.D.		0.80	5.0	1
10335	Chloromethane	74-87-3	N.D.		1.0	5.0	1
10335	Dibromochloromethane	124-48-1	N.D.		1.0	5.0	1
10335	Dibromomethane	74-95-3	N.D.		1.0	5.0	1
10335	1,2-Dichlorobenzene	95-50-1	N.D.		1.0	5.0	1
10335	1,3-Dichlorobenzene	541-73-1	N.D.		1.0	5.0	1
10335	1,4-Dichlorobenzene	106-46-7	N.D.		1.0	5.0	1
10335	Dichlorodifluoromethane	75-71-8	N.D.		2.0	5.0	1
10335	1,1-Dichloroethane	75-34-3	N.D.		1.0	5.0	1
10335	1,2-Dichloroethane	107-06-2	N.D.		1.0	5.0	1
10335	1,1-Dichloroethene	75-35-4	N.D.		0.80	5.0	1
10335	cis-1,2-Dichloroethene	156-59-2	2.7	J	0.80	5.0	1
10335	trans-1,2-Dichloroethene	156-60-5	N.D.		0.80	5.0	1
10335	1,2-Dichloropropane	78-87-5	N.D.		1.0	5.0	1
10335	cis-1,3-Dichloropropene	10061-01-5	N.D.		1.0	5.0	1
10335	trans-1,3-Dichloropropene	10061-02-6	N.D.		1.0	5.0	1
10335	Methylene Chloride	75-09-2	N.D.		2.0	5.0	1
10335	1,1,1,2-Tetrachloroethane	630-20-6	N.D.		1.0	5.0	1
10335	1,1,2,2-Tetrachloroethane	79-34-5	N.D.		1.0	5.0	1
10335	Tetrachloroethene	127-18-4	N.D.		0.80	5.0	1
10335	1,1,1-Trichloroethane	71-55-6	N.D.		0.80	5.0	1
10335	1,1,2-Trichloroethane	79-00-5	N.D.		0.80	5.0	1
10335	Trichloroethene	79-01-6	7.1		1.0	5.0	1
10335	Trichlorofluoromethane	75-69-4	N.D.		2.0	5.0	1
10335	1,2,3-Trichloropropane	96-18-4	N.D.		1.0	5.0	1
10335	Vinyl Chloride	75-01-4	N.D.		1.0	5.0	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-24 Water
BP Sanborn COC: 192457
2050 Cory Drive - Sanborn, NY B-24

LLI Sample # WW 6932572
LLI Group # 1364227
Account # 12495

Project Name: BP Sanborn

Collected: 01/23/2013 10:20 by RCB

Submitted: 01/24/2013 09:15
Reported: 01/30/2013 19:57

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

SAN24

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
10335	VOCs 8260 Parsons Specs List	SW-846 8260B	1	W130282AA	01/28/2013 21:11	Emily R Styer	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	W130282AA	01/28/2013 21:11	Emily R Styer	1

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

Sample Description: B-57 Water
BP Sanborn COC: 192457
2050 Cory Drive - Sanborn, NY B-57

LLI Sample # WW 6932573
LLI Group # 1364227
Account # 12495

Project Name: BP Sanborn

Collected: 01/23/2013 10:30 by RCB

Submitted: 01/24/2013 09:15
Reported: 01/30/2013 19:57

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

SAN57

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit*	As Received Limit of Quantitation	Dilution Factor
GC/MS Volatiles	**SW-846 8260B**		ug/l	ug/l	ug/l	
10335	Benzyl Chloride	100-44-7	N.D.	1.0	5.0	1
10335	Bromobenzene	108-86-1	N.D.	1.0	5.0	1
10335	Bromodichloromethane	75-27-4	N.D.	1.0	5.0	1
10335	Bromoform	75-25-2	N.D.	1.0	5.0	1
10335	Bromomethane	74-83-9	N.D.	1.0	5.0	1
10335	Carbon Tetrachloride	56-23-5	N.D.	1.0	5.0	1
10335	Chlorobenzene	108-90-7	N.D.	0.80	5.0	1
10335	Chloroethane	75-00-3	N.D.	1.0	5.0	1
10335	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.					
10335	Chloroform	67-66-3	N.D.	0.80	5.0	1
10335	Chloromethane	74-87-3	N.D.	1.0	5.0	1
10335	Dibromochloromethane	124-48-1	N.D.	1.0	5.0	1
10335	Dibromomethane	74-95-3	N.D.	1.0	5.0	1
10335	1,2-Dichlorobenzene	95-50-1	N.D.	1.0	5.0	1
10335	1,3-Dichlorobenzene	541-73-1	N.D.	1.0	5.0	1
10335	1,4-Dichlorobenzene	106-46-7	N.D.	1.0	5.0	1
10335	Dichlorodifluoromethane	75-71-8	N.D.	2.0	5.0	1
10335	1,1-Dichloroethane	75-34-3	N.D.	1.0	5.0	1
10335	1,2-Dichloroethane	107-06-2	N.D.	1.0	5.0	1
10335	1,1-Dichloroethene	75-35-4	N.D.	0.80	5.0	1
10335	cis-1,2-Dichloroethene	156-59-2	N.D.	0.80	5.0	1
10335	trans-1,2-Dichloroethene	156-60-5	N.D.	0.80	5.0	1
10335	1,2-Dichloropropane	78-87-5	N.D.	1.0	5.0	1
10335	cis-1,3-Dichloropropene	10061-01-5	N.D.	1.0	5.0	1
10335	trans-1,3-Dichloropropene	10061-02-6	N.D.	1.0	5.0	1
10335	Methylene Chloride	75-09-2	N.D.	2.0	5.0	1
10335	1,1,1,2-Tetrachloroethane	630-20-6	N.D.	1.0	5.0	1
10335	1,1,2,2-Tetrachloroethane	79-34-5	N.D.	1.0	5.0	1
10335	Tetrachloroethene	127-18-4	N.D.	0.80	5.0	1
10335	1,1,1-Trichloroethane	71-55-6	N.D.	0.80	5.0	1
10335	1,1,2-Trichloroethane	79-00-5	N.D.	0.80	5.0	1
10335	Trichloroethene	79-01-6	N.D.	1.0	5.0	1
10335	Trichlorofluoromethane	75-69-4	N.D.	2.0	5.0	1
10335	1,2,3-Trichloropropane	96-18-4	N.D.	1.0	5.0	1
10335	Vinyl Chloride	75-01-4	N.D.	1.0	5.0	1

General Sample Comments

State of New York Certification No. 10670

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

Sample Description: B-57 Water
BP Sanborn COC: 192457
2050 Cory Drive - Sanborn, NY B-57

LLI Sample # WW 6932573
LLI Group # 1364227
Account # 12495

Project Name: BP Sanborn

Collected: 01/23/2013 10:30 by RCB

Submitted: 01/24/2013 09:15
Reported: 01/30/2013 19:57

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

SAN57

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
10335	VOCs 8260 Parsons Specs List	SW-846 8260B	1	W130282AA	01/28/2013 21:35	Emily R Styer	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	W130282AA	01/28/2013 21:35	Emily R Styer	1

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

Sample Description: B-56 Water
BP Sanborn COC: 192457
2050 Cory Drive - Sanborn, NY B-56

LLI Sample # WW 6932574
LLI Group # 1364227
Account # 12495

Project Name: BP Sanborn

Collected: 01/23/2013 09:40 by RCB

Submitted: 01/24/2013 09:15
Reported: 01/30/2013 19:57

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

SAN56

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit*	As Received Limit of Quantitation	Dilution Factor
GC/MS Volatiles	**SW-846 8260B**		ug/l	ug/l	ug/l	
10335	Benzyl Chloride	100-44-7	N.D.	1.0	5.0	1
10335	Bromobenzene	108-86-1	N.D.	1.0	5.0	1
10335	Bromodichloromethane	75-27-4	N.D.	1.0	5.0	1
10335	Bromoform	75-25-2	N.D.	1.0	5.0	1
10335	Bromomethane	74-83-9	N.D.	1.0	5.0	1
10335	Carbon Tetrachloride	56-23-5	N.D.	1.0	5.0	1
10335	Chlorobenzene	108-90-7	N.D.	0.80	5.0	1
10335	Chloroethane	75-00-3	N.D.	1.0	5.0	1
10335	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.					
10335	Chloroform	67-66-3	N.D.	0.80	5.0	1
10335	Chloromethane	74-87-3	N.D.	1.0	5.0	1
10335	Dibromochloromethane	124-48-1	N.D.	1.0	5.0	1
10335	Dibromomethane	74-95-3	N.D.	1.0	5.0	1
10335	1,2-Dichlorobenzene	95-50-1	N.D.	1.0	5.0	1
10335	1,3-Dichlorobenzene	541-73-1	N.D.	1.0	5.0	1
10335	1,4-Dichlorobenzene	106-46-7	N.D.	1.0	5.0	1
10335	Dichlorodifluoromethane	75-71-8	N.D.	2.0	5.0	1
10335	1,1-Dichloroethane	75-34-3	N.D.	1.0	5.0	1
10335	1,2-Dichloroethane	107-06-2	N.D.	1.0	5.0	1
10335	1,1-Dichloroethene	75-35-4	N.D.	0.80	5.0	1
10335	cis-1,2-Dichloroethene	156-59-2	15	0.80	5.0	1
10335	trans-1,2-Dichloroethene	156-60-5	N.D.	0.80	5.0	1
10335	1,2-Dichloropropane	78-87-5	N.D.	1.0	5.0	1
10335	cis-1,3-Dichloropropene	10061-01-5	N.D.	1.0	5.0	1
10335	trans-1,3-Dichloropropene	10061-02-6	N.D.	1.0	5.0	1
10335	Methylene Chloride	75-09-2	N.D.	2.0	5.0	1
10335	1,1,1,2-Tetrachloroethane	630-20-6	N.D.	1.0	5.0	1
10335	1,1,2,2-Tetrachloroethane	79-34-5	N.D.	1.0	5.0	1
10335	Tetrachloroethene	127-18-4	N.D.	0.80	5.0	1
10335	1,1,1-Trichloroethane	71-55-6	N.D.	0.80	5.0	1
10335	1,1,2-Trichloroethane	79-00-5	N.D.	0.80	5.0	1
10335	Trichloroethene	79-01-6	45	1.0	5.0	1
10335	Trichlorofluoromethane	75-69-4	N.D.	2.0	5.0	1
10335	1,2,3-Trichloropropane	96-18-4	N.D.	1.0	5.0	1
10335	Vinyl Chloride	75-01-4	N.D.	1.0	5.0	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-56 Water
BP Sanborn COC: 192457
2050 Cory Drive - Sanborn, NY B-56

LLI Sample # WW 6932574
LLI Group # 1364227
Account # 12495

Project Name: BP Sanborn

Collected: 01/23/2013 09:40 by RCB

Submitted: 01/24/2013 09:15
Reported: 01/30/2013 19:57

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

SAN56

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
10335	VOCs 8260 Parsons Specs List	SW-846 8260B	1	W130282AA	01/28/2013 21:59	Emily R Styer	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	W130282AA	01/28/2013 21:59	Emily R Styer	1

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

Sample Description: B-8 Water
BP Sanborn COC: 192457
2050 Cory Drive - Sanborn, NY B-8

LLI Sample # WW 6932575
LLI Group # 1364227
Account # 12495

Project Name: BP Sanborn

Collected: 01/23/2013 13:30 by RCB

Submitted: 01/24/2013 09:15
Reported: 01/30/2013 19:57

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

SANB8

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit*	As Received Limit of Quantitation	Dilution Factor
GC/MS Volatiles	**SW-846 8260B**		ug/l	ug/l	ug/l	
10335	Benzyl Chloride	100-44-7	N.D.	50	250	50
10335	Bromobenzene	108-86-1	N.D.	50	250	50
10335	Bromodichloromethane	75-27-4	N.D.	50	250	50
10335	Bromoform	75-25-2	N.D.	50	250	50
10335	Bromomethane	74-83-9	N.D.	50	250	50
10335	Carbon Tetrachloride	56-23-5	N.D.	50	250	50
10335	Chlorobenzene	108-90-7	N.D.	40	250	50
10335	Chloroethane	75-00-3	N.D.	50	250	50
10335	2-Chloroethyl Vinyl Ether	110-75-8	N.D.	100	500	50
	2-Chloroethyl vinyl ether may not be recovered if acid was used to preserve this sample.					
10335	Chloroform	67-66-3	N.D.	40	250	50
10335	Chloromethane	74-87-3	N.D.	50	250	50
10335	Dibromochloromethane	124-48-1	N.D.	50	250	50
10335	Dibromomethane	74-95-3	N.D.	50	250	50
10335	1,2-Dichlorobenzene	95-50-1	N.D.	50	250	50
10335	1,3-Dichlorobenzene	541-73-1	N.D.	50	250	50
10335	1,4-Dichlorobenzene	106-46-7	N.D.	50	250	50
10335	Dichlorodifluoromethane	75-71-8	N.D.	100	250	50
10335	1,1-Dichloroethane	75-34-3	N.D.	50	250	50
10335	1,2-Dichloroethane	107-06-2	N.D.	50	250	50
10335	1,1-Dichloroethene	75-35-4	N.D.	40	250	50
10335	cis-1,2-Dichloroethene	156-59-2	2,000	40	250	50
10335	trans-1,2-Dichloroethene	156-60-5	N.D.	40	250	50
10335	1,2-Dichloropropane	78-87-5	N.D.	50	250	50
10335	cis-1,3-Dichloropropene	10061-01-5	N.D.	50	250	50
10335	trans-1,3-Dichloropropene	10061-02-6	N.D.	50	250	50
10335	Methylene Chloride	75-09-2	N.D.	100	250	50
10335	1,1,1,2-Tetrachloroethane	630-20-6	N.D.	50	250	50
10335	1,1,2,2-Tetrachloroethane	79-34-5	N.D.	50	250	50
10335	Tetrachloroethene	127-18-4	N.D.	40	250	50
10335	1,1,1-Trichloroethane	71-55-6	N.D.	40	250	50
10335	1,1,2-Trichloroethane	79-00-5	N.D.	40	250	50
10335	Trichloroethene	79-01-6	51,000	500	2,500	500
10335	Trichlorofluoromethane	75-69-4	N.D.	100	250	50
10335	1,2,3-Trichloropropane	96-18-4	N.D.	50	250	50
10335	Vinyl Chloride	75-01-4	N.D.	50	250	50

General Sample Comments

State of New York Certification No. 10670

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

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Analysis Report

Sample Description: B-8 Water
BP Sanborn COC: 192457
2050 Cory Drive - Sanborn, NY B-8

LLI Sample # WW 6932575
LLI Group # 1364227
Account # 12495

Project Name: BP Sanborn

Collected: 01/23/2013 13:30 by RCB

Submitted: 01/24/2013 09:15
Reported: 01/30/2013 19:57

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

SANB8

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
10335	VOCs 8260 Parsons Specs List	SW-846 8260B	1	N130291AA	01/29/2013 13:03	Emily R Styer	50
10335	VOCs 8260 Parsons Specs List	SW-846 8260B	1	N130291AA	01/29/2013 13:26	Emily R Styer	500
01163	GC/MS VOA Water Prep	SW-846 5030B	1	N130291AA	01/29/2013 13:03	Emily R Styer	50
01163	GC/MS VOA Water Prep	SW-846 5030B	2	N130291AA	01/29/2013 13:26	Emily R Styer	500

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

Sample Description: B-8 Matrix Spike Water
BP Sanborn COC: 192457
2050 Cory Drive - Sanborn, NY B-8

LLI Sample # WW 6932576
LLI Group # 1364227
Account # 12495

Project Name: BP Sanborn

Collected: 01/23/2013 13:30 by RCB

Submitted: 01/24/2013 09:15
Reported: 01/30/2013 19:57

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

SANB8

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit*	As Received Limit of Quantitation	Dilution Factor
GC/MS Volatiles	**SW-846 8260B**		ug/l	ug/l	ug/l	
10335	Benzyl Chloride	100-44-7	720	50	250	50
10335	Bromobenzene	108-86-1	970	50	250	50
10335	Bromodichloromethane	75-27-4	840	50	250	50
10335	Bromoform	75-25-2	860	50	250	50
10335	Bromomethane	74-83-9	990	50	250	50
10335	Carbon Tetrachloride	56-23-5	1,000	50	250	50
10335	Chlorobenzene	108-90-7	1,000	40	250	50
10335	Chloroethane	75-00-3	1,100	50	250	50
10335	2-Chloroethyl Vinyl Ether	110-75-8	770	100	500	50
	2-Chloroethyl vinyl ether may not be recovered if acid was used to preserve this sample.					
10335	Chloroform	67-66-3	890	40	250	50
10335	Chloromethane	74-87-3	1,200	50	250	50
10335	Dibromochloromethane	124-48-1	910	50	250	50
10335	Dibromomethane	74-95-3	950	50	250	50
10335	1,2-Dichlorobenzene	95-50-1	990	50	250	50
10335	1,3-Dichlorobenzene	541-73-1	980	50	250	50
10335	1,4-Dichlorobenzene	106-46-7	980	50	250	50
10335	Dichlorodifluoromethane	75-71-8	1,100	100	250	50
10335	1,1-Dichloroethane	75-34-3	900	50	250	50
10335	1,2-Dichloroethane	107-06-2	790	50	250	50
10335	1,1-Dichloroethene	75-35-4	1,100	40	250	50
10335	cis-1,2-Dichloroethene	156-59-2	3,300	40	250	50
10335	trans-1,2-Dichloroethene	156-60-5	1,100	40	250	50
10335	1,2-Dichloropropane	78-87-5	900	50	250	50
10335	cis-1,3-Dichloropropene	10061-01-5	920	50	250	50
10335	trans-1,3-Dichloropropene	10061-02-6	750	50	250	50
10335	Methylene Chloride	75-09-2	990	100	250	50
10335	1,1,1,2-Tetrachloroethane	630-20-6	1,000	50	250	50
10335	1,1,2,2-Tetrachloroethane	79-34-5	860	50	250	50
10335	Tetrachloroethene	127-18-4	1,100	40	250	50
10335	1,1,1-Trichloroethane	71-55-6	890	40	250	50
10335	1,1,2-Trichloroethane	79-00-5	930	40	250	50
10335	Trichloroethene	79-01-6	38,000	50	250	50
10335	Trichlorofluoromethane	75-69-4	1,100	100	250	50
10335	1,2,3-Trichloropropane	96-18-4	830	50	250	50
10335	Vinyl Chloride	75-01-4	1,300	50	250	50

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-8 Matrix Spike Water
BP Sanborn COC: 192457
2050 Cory Drive - Sanborn, NY B-8

LLI Sample # WW 6932576
LLI Group # 1364227
Account # 12495

Project Name: BP Sanborn

Collected: 01/23/2013 13:30 by RCB

Submitted: 01/24/2013 09:15
Reported: 01/30/2013 19:57

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

SANB8

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
10335	VOCs 8260 Parsons Specs List	SW-846 8260B	1	N130291AA	01/29/2013 13:50	Emily R Styer	50
01163	GC/MS VOA Water Prep	SW-846 5030B	1	N130291AA	01/29/2013 13:50	Emily R Styer	50

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

Sample Description: B-8 Matrix Spike Dup Water
BP Sanborn COC: 192457
2050 Cory Drive - Sanborn, NY B-8

LLI Sample # WW 6932577
LLI Group # 1364227
Account # 12495

Project Name: BP Sanborn

Collected: 01/23/2013 13:30 by RCB

Submitted: 01/24/2013 09:15
Reported: 01/30/2013 19:57

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

SANB8

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit*	As Received Limit of Quantitation	Dilution Factor
GC/MS Volatiles	**SW-846 8260B**		ug/l	ug/l	ug/l	
10335	Benzyl Chloride	100-44-7	730	50	250	50
10335	Bromobenzene	108-86-1	970	50	250	50
10335	Bromodichloromethane	75-27-4	850	50	250	50
10335	Bromoform	75-25-2	860	50	250	50
10335	Bromomethane	74-83-9	970	50	250	50
10335	Carbon Tetrachloride	56-23-5	1,000	50	250	50
10335	Chlorobenzene	108-90-7	990	40	250	50
10335	Chloroethane	75-00-3	1,100	50	250	50
10335	2-Chloroethyl Vinyl Ether	110-75-8	800	100	500	50
	2-Chloroethyl vinyl ether may not be recovered if acid was used to preserve this sample.					
10335	Chloroform	67-66-3	880	40	250	50
10335	Chloromethane	74-87-3	1,200	50	250	50
10335	Dibromochloromethane	124-48-1	900	50	250	50
10335	Dibromomethane	74-95-3	940	50	250	50
10335	1,2-Dichlorobenzene	95-50-1	990	50	250	50
10335	1,3-Dichlorobenzene	541-73-1	1,000	50	250	50
10335	1,4-Dichlorobenzene	106-46-7	990	50	250	50
10335	Dichlorodifluoromethane	75-71-8	1,100	100	250	50
10335	1,1-Dichloroethane	75-34-3	900	50	250	50
10335	1,2-Dichloroethane	107-06-2	780	50	250	50
10335	1,1-Dichloroethene	75-35-4	1,100	40	250	50
10335	cis-1,2-Dichloroethene	156-59-2	3,400	40	250	50
10335	trans-1,2-Dichloroethene	156-60-5	1,100	40	250	50
10335	1,2-Dichloropropane	78-87-5	910	50	250	50
10335	cis-1,3-Dichloropropene	10061-01-5	940	50	250	50
10335	trans-1,3-Dichloropropene	10061-02-6	750	50	250	50
10335	Methylene Chloride	75-09-2	990	100	250	50
10335	1,1,1,2-Tetrachloroethane	630-20-6	1,000	50	250	50
10335	1,1,2,2-Tetrachloroethane	79-34-5	880	50	250	50
10335	Tetrachloroethene	127-18-4	1,100	40	250	50
10335	1,1,1-Trichloroethane	71-55-6	880	40	250	50
10335	1,1,2-Trichloroethane	79-00-5	930	40	250	50
10335	Trichloroethene	79-01-6	41,000	50	250	50
10335	Trichlorofluoromethane	75-69-4	1,100	100	250	50
10335	1,2,3-Trichloropropane	96-18-4	840	50	250	50
10335	Vinyl Chloride	75-01-4	1,300	50	250	50

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-8 Matrix Spike Dup Water
BP Sanborn COC: 192457
2050 Cory Drive - Sanborn, NY B-8

LLI Sample # WW 6932577
LLI Group # 1364227
Account # 12495

Project Name: BP Sanborn

Collected: 01/23/2013 13:30 by RCB

Submitted: 01/24/2013 09:15
Reported: 01/30/2013 19:57

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

SANB8

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
10335	VOCs 8260 Parsons Specs List	SW-846 8260B	1	N130291AA	01/29/2013 14:13	Emily R Styer	50
01163	GC/MS VOA Water Prep	SW-846 5030B	1	N130291AA	01/29/2013 14:13	Emily R Styer	50

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

Sample Description: B-17 Water
BP Sanborn COC: R212005
2050 Cory Drive - Sanborn, NY B-17

LLI Sample # WW 6932578
LLI Group # 1364227
Account # 12495

Project Name: BP Sanborn

Collected: 01/23/2013 14:20 by RCB

Submitted: 01/24/2013 09:15
Reported: 01/30/2013 19:57

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

SAN17

CAT No.	Analysis Name	CAS Number	As Received Result		As Received Method Detection Limit*	As Received Limit of Quantitation	Dilution Factor
GC/MS Volatiles	**SW-846 8260B**		ug/l		ug/l	ug/l	
10335	Benzyl Chloride	100-44-7	N.D.		10	50	10
10335	Bromobenzene	108-86-1	N.D.		10	50	10
10335	Bromodichloromethane	75-27-4	N.D.		10	50	10
10335	Bromoform	75-25-2	N.D.		10	50	10
10335	Bromomethane	74-83-9	N.D.		10	50	10
10335	Carbon Tetrachloride	56-23-5	N.D.		10	50	10
10335	Chlorobenzene	108-90-7	N.D.		8.0	50	10
10335	Chloroethane	75-00-3	N.D.		10	50	10
10335	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.						
10335	Chloroform	67-66-3	N.D.		8.0	50	10
10335	Chloromethane	74-87-3	N.D.		10	50	10
10335	Dibromochloromethane	124-48-1	N.D.		10	50	10
10335	Dibromomethane	74-95-3	N.D.		10	50	10
10335	1,2-Dichlorobenzene	95-50-1	N.D.		10	50	10
10335	1,3-Dichlorobenzene	541-73-1	N.D.		10	50	10
10335	1,4-Dichlorobenzene	106-46-7	N.D.		10	50	10
10335	Dichlorodifluoromethane	75-71-8	N.D.		20	50	10
10335	1,1-Dichloroethane	75-34-3	66		10	50	10
10335	1,2-Dichloroethane	107-06-2	N.D.		10	50	10
10335	1,1-Dichloroethene	75-35-4	42	J	8.0	50	10
10335	cis-1,2-Dichloroethene	156-59-2	8,000		80	500	100
10335	trans-1,2-Dichloroethene	156-60-5	40	J	8.0	50	10
10335	1,2-Dichloropropane	78-87-5	N.D.		10	50	10
10335	cis-1,3-Dichloropropene	10061-01-5	N.D.		10	50	10
10335	trans-1,3-Dichloropropene	10061-02-6	N.D.		10	50	10
10335	Methylene Chloride	75-09-2	N.D.		20	50	10
10335	1,1,1,2-Tetrachloroethane	630-20-6	N.D.		10	50	10
10335	1,1,2,2-Tetrachloroethane	79-34-5	N.D.		10	50	10
10335	Tetrachloroethene	127-18-4	N.D.		8.0	50	10
10335	1,1,1-Trichloroethane	71-55-6	15	J	8.0	50	10
10335	1,1,2-Trichloroethane	79-00-5	N.D.		8.0	50	10
10335	Trichloroethene	79-01-6	6,500		100	500	100
10335	Trichlorofluoromethane	75-69-4	N.D.		20	50	10
10335	1,2,3-Trichloropropane	96-18-4	N.D.		10	50	10
10335	Vinyl Chloride	75-01-4	960		10	50	10

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-17 Water
BP Sanborn COC: R212005
2050 Cory Drive - Sanborn, NY B-17

LLI Sample # WW 6932578
LLI Group # 1364227
Account # 12495

Project Name: BP Sanborn

Collected: 01/23/2013 14:20 by RCB

Submitted: 01/24/2013 09:15
Reported: 01/30/2013 19:57

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

SAN17

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
10335	VOCs 8260 Parsons Specs List	SW-846 8260B	1	N130291AA	01/29/2013 14:36	Emily R Styer	10
10335	VOCs 8260 Parsons Specs List	SW-846 8260B	1	N130291AA	01/29/2013 14:59	Emily R Styer	100
01163	GC/MS VOA Water Prep	SW-846 5030B	1	N130291AA	01/29/2013 14:36	Emily R Styer	10
01163	GC/MS VOA Water Prep	SW-846 5030B	2	N130291AA	01/29/2013 14:59	Emily R Styer	100

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

Quality Control Summary

Client Name: Atlantic Richfield(Parsons-NY) Group Number: 1364227
Reported: 01/30/13 at 07:57 PM

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: N130291AA	Sample number(s): 6932575-6932578								
Benzyl Chloride	N.D.	1.0	5.0	ug/l	73		60-120		
Bromobenzene	N.D.	1.0	5.0	ug/l	94		80-120		
Bromodichloromethane	N.D.	1.0	5.0	ug/l	79		73-120		
Bromoform	N.D.	1.0	5.0	ug/l	87		61-120		
Bromomethane	N.D.	1.0	5.0	ug/l	86		44-120		
Carbon Tetrachloride	N.D.	1.0	5.0	ug/l	88		67-122		
Chlorobenzene	N.D.	0.80	5.0	ug/l	95		80-120		
Chloroethane	N.D.	1.0	5.0	ug/l	94		49-129		
2-Chloroethyl Vinyl Ether	N.D.	2.0	10	ug/l	76		29-151		
Chloroform	N.D.	0.80	5.0	ug/l	83		77-122		
Chloromethane	N.D.	1.0	5.0	ug/l	99		60-129		
Dibromochloromethane	N.D.	1.0	5.0	ug/l	90		72-120		
Dibromomethane	N.D.	1.0	5.0	ug/l	89		80-120		
1,2-Dichlorobenzene	N.D.	1.0	5.0	ug/l	96		80-120		
1,3-Dichlorobenzene	N.D.	1.0	5.0	ug/l	95		80-120		
1,4-Dichlorobenzene	N.D.	1.0	5.0	ug/l	96		80-120		
Dichlorodifluoromethane	N.D.	2.0	5.0	ug/l	81		47-120		
1,1-Dichloroethane	N.D.	1.0	5.0	ug/l	84		79-120		
1,2-Dichloroethane	N.D.	1.0	5.0	ug/l	76		64-130		
1,1-Dichloroethene	N.D.	0.80	5.0	ug/l	99		76-124		
cis-1,2-Dichloroethene	N.D.	0.80	5.0	ug/l	97		80-120		
trans-1,2-Dichloroethene	N.D.	0.80	5.0	ug/l	96		80-120		
1,2-Dichloropropane	N.D.	1.0	5.0	ug/l	84		80-120		
cis-1,3-Dichloropropene	N.D.	1.0	5.0	ug/l	90		78-120		
trans-1,3-Dichloropropene	N.D.	1.0	5.0	ug/l	74		73-120		
Methylene Chloride	N.D.	2.0	5.0	ug/l	93		84-118		
1,1,1,2-Tetrachloroethane	N.D.	1.0	5.0	ug/l	97		79-120		
1,1,2,2-Tetrachloroethane	N.D.	1.0	5.0	ug/l	87		75-123		
Tetrachloroethene	N.D.	0.80	5.0	ug/l	96		79-120		
1,1,1-Trichloroethane	N.D.	0.80	5.0	ug/l	80		66-126		
1,1,2-Trichloroethane	N.D.	0.80	5.0	ug/l	93		80-120		
Trichloroethene	N.D.	1.0	5.0	ug/l	90		80-120		
Trichlorofluoromethane	N.D.	2.0	5.0	ug/l	98		65-130		
1,2,3-Trichloropropane	N.D.	1.0	5.0	ug/l	84		76-120		
Vinyl Chloride	N.D.	1.0	5.0	ug/l	103		56-123		
Batch number: W130282AA	Sample number(s): 6932568-6932574								
Benzyl Chloride	N.D.	1.0	5.0	ug/l	95		60-120		
Bromobenzene	N.D.	1.0	5.0	ug/l	96		80-120		
Bromodichloromethane	N.D.	1.0	5.0	ug/l	108		73-120		
Bromoform	N.D.	1.0	5.0	ug/l	97		61-120		
Bromomethane	N.D.	1.0	5.0	ug/l	106		44-120		
Carbon Tetrachloride	N.D.	1.0	5.0	ug/l	105		67-122		

*- 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: 1364227
Reported: 01/30/13 at 07:57 PM

Analysis Name	Blank Result	Blank MDL**	Blank LOQ	Report Units	LCS %REC	LCSD %REC	LCS/LCSD Limits	RPD	RPD Max
Chlorobenzene	N.D.	0.80	5.0	ug/l	97		80-120		
Chloroethane	N.D.	1.0	5.0	ug/l	111		49-129		
2-Chloroethyl Vinyl Ether	N.D.	2.0	10	ug/l	85		29-151		
Chloroform	N.D.	0.80	5.0	ug/l	102		77-122		
Chloromethane	N.D.	1.0	5.0	ug/l	94		60-129		
Dibromochloromethane	N.D.	1.0	5.0	ug/l	112		72-120		
Dibromomethane	N.D.	1.0	5.0	ug/l	100		80-120		
1,2-Dichlorobenzene	N.D.	1.0	5.0	ug/l	98		80-120		
1,3-Dichlorobenzene	N.D.	1.0	5.0	ug/l	97		80-120		
1,4-Dichlorobenzene	N.D.	1.0	5.0	ug/l	94		80-120		
Dichlorodifluoromethane	N.D.	2.0	5.0	ug/l	80		47-120		
1,1-Dichloroethane	N.D.	1.0	5.0	ug/l	97		79-120		
1,2-Dichloroethane	N.D.	1.0	5.0	ug/l	113		64-130		
1,1-Dichloroethene	N.D.	0.80	5.0	ug/l	89		76-124		
cis-1,2-Dichloroethene	N.D.	0.80	5.0	ug/l	99		80-120		
trans-1,2-Dichloroethene	N.D.	0.80	5.0	ug/l	96		80-120		
1,2-Dichloropropane	N.D.	1.0	5.0	ug/l	86		80-120		
cis-1,3-Dichloropropene	N.D.	1.0	5.0	ug/l	106		78-120		
trans-1,3-Dichloropropene	N.D.	1.0	5.0	ug/l	107		73-120		
Methylene Chloride	N.D.	2.0	5.0	ug/l	94		84-118		
1,1,1,2-Tetrachloroethane	N.D.	1.0	5.0	ug/l	108		79-120		
1,1,2,2-Tetrachloroethane	N.D.	1.0	5.0	ug/l	97		75-123		
Tetrachloroethene	N.D.	0.80	5.0	ug/l	99		79-120		
1,1,1-Trichloroethane	N.D.	0.80	5.0	ug/l	97		66-126		
1,1,2-Trichloroethane	N.D.	0.80	5.0	ug/l	99		80-120		
Trichloroethene	N.D.	1.0	5.0	ug/l	97		80-120		
Trichlorofluoromethane	N.D.	2.0	5.0	ug/l	115		65-130		
1,2,3-Trichloropropane	N.D.	1.0	5.0	ug/l	97		76-120		
Vinyl Chloride	N.D.	1.0	5.0	ug/l	95		56-123		

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: N130291AA	Sample number(s): 6932575-6932578 UNSPK: 6932575								
Benzyl Chloride	72	73	62-120	1	30				
Bromobenzene	97	97	82-115	0	30				
Bromodichloromethane	84	85	78-125	0	30				
Bromoform	86	86	48-118	0	30				
Bromomethane	99	97	47-129	2	30				
Carbon Tetrachloride	101	100	72-135	1	30				
Chlorobenzene	100	99	87-124	1	30				
Chloroethane	106	106	51-145	0	30				
2-Chloroethyl Vinyl Ether	77	80	10-151	3	30				
Chloroform	89	88	81-134	1	30				
Chloromethane	115	116	46-137	0	30				
Dibromochloromethane	91	90	74-116	1	30				
Dibromomethane	95	94	83-119	1	30				
1,2-Dichlorobenzene	99	99	84-119	0	30				
1,3-Dichlorobenzene	98	100	86-121	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: 1364227
Reported: 01/30/13 at 07:57 PM

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
1,4-Dichlorobenzene	98	99	85-121	1	30				
Dichlorodifluoromethane	108	108	52-129	0	30				
1,1-Dichloroethane	90	90	84-129	0	30				
1,2-Dichloroethane	79	78	68-131	1	30				
1,1-Dichloroethene	110	111	85-142	1	30				
cis-1,2-Dichloroethene	122	134*	85-125	4	30				
trans-1,2-Dichloroethene	107	107	87-126	0	30				
1,2-Dichloropropane	90	91	83-124	1	30				
cis-1,3-Dichloropropene	92	94	70-116	2	30				
trans-1,3-Dichloropropene	75	75	74-119	0	30				
Methylene Chloride	99	99	78-133	0	30				
1,1,1,2-Tetrachloroethane	102	101	82-119	1	30				
1,1,2,2-Tetrachloroethane	86	88	72-128	2	30				
Tetrachloroethene	108	109	80-128	1	30				
1,1,1-Trichloroethane	89	88	69-140	1	30				
1,1,2-Trichloroethane	93	93	77-124	1	30				
Trichloroethene	316 (2)	565 (2)	88-133	6	30				
Trichlorofluoromethane	115	114	64-146	1	30				
1,2,3-Trichloropropane	83	84	76-118	1	30				
Vinyl Chloride	126	126	66-133	0	30				
Batch number: W130282AA	Sample number(s): 6932568-6932574 UNSPK: P931418								
Benzyl Chloride	96	101	62-120	5	30				
Bromobenzene	100	106	82-115	6	30				
Bromodichloromethane	115	125	78-125	8	30				
Bromoform	97	106	48-118	8	30				
Bromomethane	81	86	47-129	6	30				
Carbon Tetrachloride	124	128	72-135	4	30				
Chlorobenzene	103	111	87-124	7	30				
Chloroethane	93	96	51-145	2	30				
2-Chloroethyl Vinyl Ether	90	97	10-151	8	30				
Chloroform	111	118	81-134	6	30				
Chloromethane	42*	42*	46-137	0	30				
Dibromochloromethane	116	122*	74-116	5	30				
Dibromomethane	104	111	83-119	6	30				
1,2-Dichlorobenzene	100	105	84-119	5	30				
1,3-Dichlorobenzene	102	105	86-121	3	30				
1,4-Dichlorobenzene	99	106	85-121	6	30				
Dichlorodifluoromethane	18*	17*	52-129	5	30				
1,1-Dichloroethane	103	106	84-129	3	30				
1,2-Dichloroethane	121	126	68-131	4	30				
1,1-Dichloroethene	106	111	85-142	4	30				
cis-1,2-Dichloroethene	-12 (2)	-252 (2)	85-125	15	30				
trans-1,2-Dichloroethene	103	108	87-126	5	30				
1,2-Dichloropropane	92	99	83-124	7	30				
cis-1,3-Dichloropropene	112	120*	70-116	7	30				
trans-1,3-Dichloropropene	109	118	74-119	7	30				
Methylene Chloride	98	107	78-133	9	30				
1,1,1,2-Tetrachloroethane	112	119	82-119	6	30				
1,1,2,2-Tetrachloroethane	93	95	72-128	3	30				
Tetrachloroethene	116	122	80-128	5	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: 1364227
Reported: 01/30/13 at 07:57 PM

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
1,1,1-Trichloroethane	107	111	69-140	3	30				
1,1,2-Trichloroethane	102	108	77-124	6	30				
Trichloroethene	-208 (2)	-1056 (2)	88-133	18	30				
Trichlorofluoromethane	110	117	64-146	6	30				
1,2,3-Trichloropropane	97	104	76-118	7	30				
Vinyl Chloride	77	52*	66-133	20	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: PPL + Xylene (total) by 8260
Batch number: N130291AA

	Dibromofluoromethane	1,2-Dichloroethane-d4	Toluene-d8	4-Bromofluorobenzene
6932575	102	104	98	90
6932576	101	102	99	94
6932577	101	102	99	94
6932578	103	102	97	91
Blank	102	103	96	91
LCS	101	102	99	95
MS	101	102	99	94
MSD	101	102	99	94
Limits:	80-116	77-113	80-113	78-113

Analysis Name: PPL + Xylene (total) by 8260
Batch number: W130282AA

	Dibromofluoromethane	1,2-Dichloroethane-d4	Toluene-d8	4-Bromofluorobenzene
6932568	106	101	98	97
6932569	108	101	99	98
6932570	108	100	98	98
6932571	109	104	99	98
6932572	109	104	97	96
6932573	108	102	98	98
6932574	111	104	97	97
Blank	105	100	99	96
LCS	106	100	101	101
MS	108	95	100	101
MSD	108	101	100	101
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.

A-12495 G-1364227 S-69325608-579

Atlantic Richfield Company
A BP affiliated company

Laboratory Management Program LaMP Chain of Custody Record

192457

Page 1 of 2

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

Lab Name: Lancaster Labs	BP/ARC Facility Address: 2050 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: Kathleen Platerer	Lead Regulatory Agency: NYSDEC	Address: 40 LaRivere Dr. Suite 350 Buffalo, NY 14202
Lab Phone: 717-556-7323	California Global ID No.:	Consultant/Contractor PM: George Hermance
Lab Shipping Accnt:	Enfos Proposal No: D0084-0002	Phone: (716) 407-4990
Lab Bottle Order No: 183496	Accounting Mode: Provision ___ OOC-BU ___ OOC-RM ___	Email EDD To: Lorraine Weber
Other Info:	Stage: 60 Activity: 81	Invoice To: BP/ARC ✓ Contractor ___
BP/ARC EBM: William Barber		
EBM Phone: (216) 271-8038		
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	Methanol	8260	Report Type & QC Level
	B-6	1/23/13	1210		X		3	X					X	Standard ___
	Tank 002	1/23/13	1220		X		3	X					X	Full Data Package ___
	B-23	1/23/13	1120		X		3	X					X	
	Field Dup #2	1/23/13			X		3	X					X	**Comments**
	B-24	1/23/13	1020		X		3	X					X	Note: If sample not collected, indicate "No Sample" in comments and single-strike out and initial any preprinted sample description.
	B-57	1/23/13	1030		X		3	X					X	
	B-56	1/23/13	0940		X		3	X					X	
	B-8	1/23/13	1330		X		3	X					X	
	B-8 MS	1/23/13	1330		X		3	X					X	
	B-8 MSD	1/23/13	1330		X		3	X					X	

Sampler's Name: Richard C Barker	Relinquished By / Affiliation	Date	Time	Accepted By / Affiliation	Date	Time
Sampler's Company: OTM Enterprises Inc.	Richard C Barker	1/23/13	1500			
Shipment Method: Fed Ex Ship Date: 1/23/13						
Shipment Tracking No: 801301780845				Gary Eshler LLE	1/24/13	0915

Special Instructions:

THIS LINE - LAB USE ONLY: Custody Seals In Place: Yes / No | Temp Blank: Yes / No | Cooler Temp on Receipt: 2.5 °F/C | Trip Blank: Yes / No | MS/MSD Sample Submitted: Yes / No

Laboratory Copy

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

A-12495 G-1364227 S-6932568-579

bp rm

Laboratory Management Program LaMP Chain of Custody Record

R212005

Page ____ of ____

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

BP Facility No: | Lab Work Order Number:

Lab Name: Lancaster Labs	Facility Address: 2050 Cory Dr.	Consultant/Contractor: Parsons
Lab Address: 2425 New Holland Pike Lancaster, PA 17606	City, State, ZIP Code: Sanborn, NY 14132	Consultant/Contractor Project No:
Lab PM: Kaitlin Plastere/	Lead Regulatory Agency: NYSDEC	Address: 40 La Riviere Dr. Suite 350 Buffalo, NY 14202
Lab Phone: (717) 556-7323	California Global ID No.:	Consultant/Contractor PM: George Hermance
Lab Shipping Accnt:	Enfos Proposal No: D00B4-0004	Phone: (716) 407-4990 Email:
Lab Bottle Order No: 133496	Accounting Mode: Provision ___ 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): William Barber

BP PM Phone: (716) 791-8038

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
	B-17	1/23/13	1420		X			3	X					X

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	Relinquished By / Affiliation	Date	Time	Accepted By / Affiliation	Date	Time
Sampler's Company: O+M Enterprises, Inc.	Richard C Becker O+M	1/23/13	1500			
Shipment Method: Fed Ex Ship Date: 1/23/13						
Shipment Tracking No: 801301780845				Cdey Eshleman LET	1/24/13	0915

Special Instructions:

THIS LINE - LAB USE ONLY: Custody Seals In Place: Yes / (No) | Temp Blank: (Yes) / No | Cooler Temp on Receipt: 2.5 °F/C | Trip Blank: (Yes) / No | MS/MSD Sample Submitted: (Yes) / No

eurofins | Lancaster Laboratories

G-1364227

Environmental Sample Administration
Receipt Documentation Log

Client/Project: BP

Date of Receipt: 1/24/13

Time of Receipt: 0915

Source Code: 50-1

Shipping Container Sealed: (YES) NO

Custody Seal Present * : YES (NO)

* Custody seal was intact unless otherwise noted in the discrepancy section

Package: (Chilled) Not Chilled

Temperature of Shipping Containers							
Cooler #	Thermometer ID	Temperature (°C)	Temp Bottle (TB) or Surface Temp (ST)	Wet Ice (WI) or Dry Ice (DI) or Ice Packs (IP)	Ice Present? Y/N	Loose (L) Bagged Ice (B) or NA	Comments
1	2737	2.5	TB	WI	Y	B	
2							
3							
4							
5							
6							

Number of Trip Blanks received NOT listed on chain of custody: 2

Paperwork Discrepancy/Unpacking Problems:

B-24 labeled B-23 (collection time matches COC)

Unpacker Signature/Emp#: Cory Eshleman 3647 **Date/Time:** 1/24/13 1105

Issued by Dept. 6042 Management

2174.06

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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 - The number following the sign is the limit of quantitation, the smallest amount of analyte which can be reliably determined using this specific test.

> greater than

J estimated value – The result is ≥ the Method Detection Limit (MDL) and < the Limit of Quantitation (LOQ).

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 of gas 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.

U.S. EPA CLP Data Qualifiers:

Organic Qualifiers

A	TIC is a possible aldol-condensation product
B	Analyte was also detected in the blank
C	Pesticide result confirmed by GC/MS
D	Compound quantitated on a diluted sample
E	Concentration exceeds the calibration range of the instrument
N	Presumptive evidence of a compound (TICs only)
P	Concentration difference between primary and confirmation columns >25%
U	Compound was not detected
X,Y,Z	Defined in case narrative

Inorganic Qualifiers

B	Value is <CRDL, but ≥IDL
E	Estimated due to interference
M	Duplicate injection precision not met
N	Spike sample not within control limits
S	Method of standard additions (MSA) used for calculation
U	Compound was not detected
W	Post digestion spike out of control limits
*****	Duplicate analysis not within control limits
+	Correlation coefficient for MSA <0.995

Analytical test results meet all requirements of NELAC 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. This report shall not be reproduced except in full, without the written approval of the laboratory.

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.

ANALYTICAL RESULTS

Prepared by:

Lancaster Laboratories
2425 New Holland Pike
Lancaster, PA 17605-2425

Prepared for:

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

January 30, 2013

Project: BP Sanborn

Submittal Date: 01/25/2013
Group Number: 1364579
PO Number: D00B4-0004
Release Number: BARBER
State of Sample Origin: NY

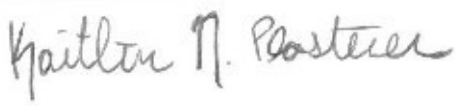
Client Sample Description	Lancaster Labs (LLI) #
Field Dup #3 Water	6934225
B-41 Water	6934226
B-40 Water	6934227
B-39 Water	6934228
B-39 Matrix Spike Water	6934229
B-39 Matrix Spike Dup Water	6934230
PW-3 Water	6934231
P-2 Water	6934232
P-3 Water	6934233
B-44 Water	6934234
PW-4 Water	6934235

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

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

2425 New Holland Pike, PO Box 12425, Lancaster, PA 17605-2425 • 717-656-2300 Fax: 717-656-2681 • www.lancasterlabs.com

Respectfully Submitted,



Kaitlin N. Plasterer
Specialist

(717) 556-7323

Project Name: BP Sanborn
LLI Group #: 1364579

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 8260B, GC/MS Volatiles

Batch #: T130291AA (Sample number(s): 6934225-6934235 UNSPK: 6934228)

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

Sample Description: Field Dup #3 Water
BP Sanborn COC: R212004
2050 Cory Drive - Sanborn, NY Field Dup #3

LLI Sample # WW 6934225
LLI Group # 1364579
Account # 12495

Project Name: BP Sanborn

Collected: 01/24/2013 by RCB

Submitted: 01/25/2013 09:20
Reported: 01/30/2013 16:35

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

SANBF

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit*	As Received Limit of Quantitation	Dilution Factor
GC/MS Volatiles	**SW-846 8260B**		ug/l	ug/l	ug/l	
10335	Benzyl Chloride	100-44-7	N.D.	1.0	5.0	1
10335	Bromobenzene	108-86-1	N.D.	1.0	5.0	1
10335	Bromodichloromethane	75-27-4	N.D.	1.0	5.0	1
10335	Bromoform	75-25-2	N.D.	1.0	5.0	1
10335	Bromomethane	74-83-9	N.D.	1.0	5.0	1
10335	Carbon Tetrachloride	56-23-5	N.D.	1.0	5.0	1
10335	Chlorobenzene	108-90-7	N.D.	0.80	5.0	1
10335	Chloroethane	75-00-3	N.D.	1.0	5.0	1
10335	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.					
10335	Chloroform	67-66-3	N.D.	0.80	5.0	1
10335	Chloromethane	74-87-3	N.D.	1.0	5.0	1
10335	Dibromochloromethane	124-48-1	N.D.	1.0	5.0	1
10335	Dibromomethane	74-95-3	N.D.	1.0	5.0	1
10335	1,2-Dichlorobenzene	95-50-1	N.D.	1.0	5.0	1
10335	1,3-Dichlorobenzene	541-73-1	N.D.	1.0	5.0	1
10335	1,4-Dichlorobenzene	106-46-7	N.D.	1.0	5.0	1
10335	Dichlorodifluoromethane	75-71-8	N.D.	2.0	5.0	1
10335	1,1-Dichloroethane	75-34-3	N.D.	1.0	5.0	1
10335	1,2-Dichloroethane	107-06-2	N.D.	1.0	5.0	1
10335	1,1-Dichloroethene	75-35-4	N.D.	0.80	5.0	1
10335	cis-1,2-Dichloroethene	156-59-2	7.9	0.80	5.0	1
10335	trans-1,2-Dichloroethene	156-60-5	N.D.	0.80	5.0	1
10335	1,2-Dichloropropane	78-87-5	N.D.	1.0	5.0	1
10335	cis-1,3-Dichloropropene	10061-01-5	N.D.	1.0	5.0	1
10335	trans-1,3-Dichloropropene	10061-02-6	N.D.	1.0	5.0	1
10335	Methylene Chloride	75-09-2	N.D.	2.0	5.0	1
10335	1,1,1,2-Tetrachloroethane	630-20-6	N.D.	1.0	5.0	1
10335	1,1,2,2-Tetrachloroethane	79-34-5	N.D.	1.0	5.0	1
10335	Tetrachloroethene	127-18-4	0.94 J	0.80	5.0	1
10335	1,1,1-Trichloroethane	71-55-6	N.D.	0.80	5.0	1
10335	1,1,2-Trichloroethane	79-00-5	N.D.	0.80	5.0	1
10335	Trichloroethene	79-01-6	N.D.	1.0	5.0	1
10335	Trichlorofluoromethane	75-69-4	N.D.	2.0	5.0	1
10335	1,2,3-Trichloropropane	96-18-4	N.D.	1.0	5.0	1
10335	Vinyl Chloride	75-01-4	N.D.	1.0	5.0	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 #3 Water**
BP Sanborn COC: R212004
2050 Cory Drive - Sanborn, NY Field Dup #3

LLI Sample # WW 6934225
LLI Group # 1364579
Account # 12495

Project Name: BP Sanborn

Collected: 01/24/2013 by RCB

Submitted: 01/25/2013 09:20
Reported: 01/30/2013 16:35

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

SANBF

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
10335	VOCs 8260 Parsons Specs List	SW-846 8260B	1	T130291AA	01/29/2013 18:24	Chelsea B Stong	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	T130291AA	01/29/2013 18:24	Chelsea B Stong	1

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

Sample Description: B-41 Water
BP Sanborn COC: R212004
2050 Cory Drive - Sanborn, NY B-41

LLI Sample # WW 6934226
LLI Group # 1364579
Account # 12495

Project Name: BP Sanborn

Collected: 01/24/2013 09:40 by RCB

Submitted: 01/25/2013 09:20
Reported: 01/30/2013 16:35

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

SAN41

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit*	As Received Limit of Quantitation	Dilution Factor
GC/MS Volatiles	**SW-846 8260B**		ug/l	ug/l	ug/l	
10335	Benzyl Chloride	100-44-7	N.D.	1.0	5.0	1
10335	Bromobenzene	108-86-1	N.D.	1.0	5.0	1
10335	Bromodichloromethane	75-27-4	N.D.	1.0	5.0	1
10335	Bromoform	75-25-2	N.D.	1.0	5.0	1
10335	Bromomethane	74-83-9	N.D.	1.0	5.0	1
10335	Carbon Tetrachloride	56-23-5	N.D.	1.0	5.0	1
10335	Chlorobenzene	108-90-7	N.D.	0.80	5.0	1
10335	Chloroethane	75-00-3	N.D.	1.0	5.0	1
10335	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.					
10335	Chloroform	67-66-3	N.D.	0.80	5.0	1
10335	Chloromethane	74-87-3	N.D.	1.0	5.0	1
10335	Dibromochloromethane	124-48-1	N.D.	1.0	5.0	1
10335	Dibromomethane	74-95-3	N.D.	1.0	5.0	1
10335	1,2-Dichlorobenzene	95-50-1	N.D.	1.0	5.0	1
10335	1,3-Dichlorobenzene	541-73-1	N.D.	1.0	5.0	1
10335	1,4-Dichlorobenzene	106-46-7	N.D.	1.0	5.0	1
10335	Dichlorodifluoromethane	75-71-8	N.D.	2.0	5.0	1
10335	1,1-Dichloroethane	75-34-3	N.D.	1.0	5.0	1
10335	1,2-Dichloroethane	107-06-2	N.D.	1.0	5.0	1
10335	1,1-Dichloroethene	75-35-4	N.D.	0.80	5.0	1
10335	cis-1,2-Dichloroethene	156-59-2	7.8	0.80	5.0	1
10335	trans-1,2-Dichloroethene	156-60-5	N.D.	0.80	5.0	1
10335	1,2-Dichloropropane	78-87-5	N.D.	1.0	5.0	1
10335	cis-1,3-Dichloropropene	10061-01-5	N.D.	1.0	5.0	1
10335	trans-1,3-Dichloropropene	10061-02-6	N.D.	1.0	5.0	1
10335	Methylene Chloride	75-09-2	N.D.	2.0	5.0	1
10335	1,1,1,2-Tetrachloroethane	630-20-6	N.D.	1.0	5.0	1
10335	1,1,2,2-Tetrachloroethane	79-34-5	N.D.	1.0	5.0	1
10335	Tetrachloroethene	127-18-4	N.D.	0.80	5.0	1
10335	1,1,1-Trichloroethane	71-55-6	N.D.	0.80	5.0	1
10335	1,1,2-Trichloroethane	79-00-5	N.D.	0.80	5.0	1
10335	Trichloroethene	79-01-6	N.D.	1.0	5.0	1
10335	Trichlorofluoromethane	75-69-4	N.D.	2.0	5.0	1
10335	1,2,3-Trichloropropane	96-18-4	N.D.	1.0	5.0	1
10335	Vinyl Chloride	75-01-4	N.D.	1.0	5.0	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-41 Water
BP Sanborn COC: R212004
2050 Cory Drive - Sanborn, NY B-41

LLI Sample # WW 6934226
LLI Group # 1364579
Account # 12495

Project Name: BP Sanborn

Collected: 01/24/2013 09:40 by RCB

Submitted: 01/25/2013 09:20
Reported: 01/30/2013 16:35

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

SAN41

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
10335	VOCs 8260 Parsons Specs List	SW-846 8260B	1	T130291AA	01/29/2013 18:48	Chelsea B Stong	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	T130291AA	01/29/2013 18:48	Chelsea B Stong	1

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

Sample Description: B-40 Water
BP Sanborn COC: R212004
2050 Cory Drive - Sanborn, NY B-40

LLI Sample # WW 6934227
LLI Group # 1364579
Account # 12495

Project Name: BP Sanborn

Collected: 01/24/2013 10:30 by RCB

Submitted: 01/25/2013 09:20
Reported: 01/30/2013 16:35

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

SAN40

CAT No.	Analysis Name	CAS Number	As Received Result		As Received Method Detection Limit*	As Received Limit of Quantitation	Dilution Factor
GC/MS Volatiles	**SW-846 8260B**		ug/l		ug/l	ug/l	
10335	Benzyl Chloride	100-44-7	N.D.		1.0	5.0	1
10335	Bromobenzene	108-86-1	N.D.		1.0	5.0	1
10335	Bromodichloromethane	75-27-4	N.D.		1.0	5.0	1
10335	Bromoform	75-25-2	N.D.		1.0	5.0	1
10335	Bromomethane	74-83-9	N.D.		1.0	5.0	1
10335	Carbon Tetrachloride	56-23-5	N.D.		1.0	5.0	1
10335	Chlorobenzene	108-90-7	N.D.		0.80	5.0	1
10335	Chloroethane	75-00-3	N.D.		1.0	5.0	1
10335	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.						
10335	Chloroform	67-66-3	N.D.		0.80	5.0	1
10335	Chloromethane	74-87-3	N.D.		1.0	5.0	1
10335	Dibromochloromethane	124-48-1	N.D.		1.0	5.0	1
10335	Dibromomethane	74-95-3	N.D.		1.0	5.0	1
10335	1,2-Dichlorobenzene	95-50-1	N.D.		1.0	5.0	1
10335	1,3-Dichlorobenzene	541-73-1	N.D.		1.0	5.0	1
10335	1,4-Dichlorobenzene	106-46-7	N.D.		1.0	5.0	1
10335	Dichlorodifluoromethane	75-71-8	N.D.		2.0	5.0	1
10335	1,1-Dichloroethane	75-34-3	N.D.		1.0	5.0	1
10335	1,2-Dichloroethane	107-06-2	N.D.		1.0	5.0	1
10335	1,1-Dichloroethene	75-35-4	N.D.		0.80	5.0	1
10335	cis-1,2-Dichloroethene	156-59-2	3.3	J	0.80	5.0	1
10335	trans-1,2-Dichloroethene	156-60-5	N.D.		0.80	5.0	1
10335	1,2-Dichloropropane	78-87-5	N.D.		1.0	5.0	1
10335	cis-1,3-Dichloropropene	10061-01-5	N.D.		1.0	5.0	1
10335	trans-1,3-Dichloropropene	10061-02-6	N.D.		1.0	5.0	1
10335	Methylene Chloride	75-09-2	N.D.		2.0	5.0	1
10335	1,1,1,2-Tetrachloroethane	630-20-6	N.D.		1.0	5.0	1
10335	1,1,2,2-Tetrachloroethane	79-34-5	N.D.		1.0	5.0	1
10335	Tetrachloroethene	127-18-4	N.D.		0.80	5.0	1
10335	1,1,1-Trichloroethane	71-55-6	N.D.		0.80	5.0	1
10335	1,1,2-Trichloroethane	79-00-5	N.D.		0.80	5.0	1
10335	Trichloroethene	79-01-6	2.2	J	1.0	5.0	1
10335	Trichlorofluoromethane	75-69-4	N.D.		2.0	5.0	1
10335	1,2,3-Trichloropropane	96-18-4	N.D.		1.0	5.0	1
10335	Vinyl Chloride	75-01-4	N.D.		1.0	5.0	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-40 Water
BP Sanborn COC: R212004
2050 Cory Drive - Sanborn, NY B-40

LLI Sample # WW 6934227
LLI Group # 1364579
Account # 12495

Project Name: BP Sanborn

Collected: 01/24/2013 10:30 by RCB

Submitted: 01/25/2013 09:20
Reported: 01/30/2013 16:35

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

SAN40

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
10335	VOCs 8260 Parsons Specs List	SW-846 8260B	1	T130291AA	01/29/2013 19:11	Chelsea B Stong	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	T130291AA	01/29/2013 19:11	Chelsea B Stong	1

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

Sample Description: B-39 Water
BP Sanborn COC: R212004
2050 Cory Drive - Sanborn, NY B-39

LLI Sample # WW 6934228
LLI Group # 1364579
Account # 12495

Project Name: BP Sanborn

Collected: 01/24/2013 11:30 by RCB

Submitted: 01/25/2013 09:20
Reported: 01/30/2013 16:35

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

SAN39

CAT No.	Analysis Name	CAS Number	As Received Result		As Received Method Detection Limit*	As Received Limit of Quantitation	Dilution Factor
GC/MS Volatiles	**SW-846 8260B**		ug/l		ug/l	ug/l	
10335	Benzyl Chloride	100-44-7	N.D.		1.0	5.0	1
10335	Bromobenzene	108-86-1	N.D.		1.0	5.0	1
10335	Bromodichloromethane	75-27-4	N.D.		1.0	5.0	1
10335	Bromoform	75-25-2	N.D.		1.0	5.0	1
10335	Bromomethane	74-83-9	N.D.		1.0	5.0	1
10335	Carbon Tetrachloride	56-23-5	N.D.		1.0	5.0	1
10335	Chlorobenzene	108-90-7	N.D.		0.80	5.0	1
10335	Chloroethane	75-00-3	N.D.		1.0	5.0	1
10335	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.						
10335	Chloroform	67-66-3	N.D.		0.80	5.0	1
10335	Chloromethane	74-87-3	N.D.		1.0	5.0	1
10335	Dibromochloromethane	124-48-1	N.D.		1.0	5.0	1
10335	Dibromomethane	74-95-3	N.D.		1.0	5.0	1
10335	1,2-Dichlorobenzene	95-50-1	N.D.		1.0	5.0	1
10335	1,3-Dichlorobenzene	541-73-1	N.D.		1.0	5.0	1
10335	1,4-Dichlorobenzene	106-46-7	N.D.		1.0	5.0	1
10335	Dichlorodifluoromethane	75-71-8	N.D.		2.0	5.0	1
10335	1,1-Dichloroethane	75-34-3	N.D.		1.0	5.0	1
10335	1,2-Dichloroethane	107-06-2	N.D.		1.0	5.0	1
10335	1,1-Dichloroethene	75-35-4	N.D.		0.80	5.0	1
10335	cis-1,2-Dichloroethene	156-59-2	2.0	J	0.80	5.0	1
10335	trans-1,2-Dichloroethene	156-60-5	N.D.		0.80	5.0	1
10335	1,2-Dichloropropane	78-87-5	N.D.		1.0	5.0	1
10335	cis-1,3-Dichloropropene	10061-01-5	N.D.		1.0	5.0	1
10335	trans-1,3-Dichloropropene	10061-02-6	N.D.		1.0	5.0	1
10335	Methylene Chloride	75-09-2	N.D.		2.0	5.0	1
10335	1,1,1,2-Tetrachloroethane	630-20-6	N.D.		1.0	5.0	1
10335	1,1,2,2-Tetrachloroethane	79-34-5	N.D.		1.0	5.0	1
10335	Tetrachloroethene	127-18-4	N.D.		0.80	5.0	1
10335	1,1,1-Trichloroethane	71-55-6	N.D.		0.80	5.0	1
10335	1,1,2-Trichloroethane	79-00-5	N.D.		0.80	5.0	1
10335	Trichloroethene	79-01-6	10		1.0	5.0	1
10335	Trichlorofluoromethane	75-69-4	N.D.		2.0	5.0	1
10335	1,2,3-Trichloropropane	96-18-4	N.D.		1.0	5.0	1
10335	Vinyl Chloride	75-01-4	N.D.		1.0	5.0	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-39 Water
BP Sanborn COC: R212004
2050 Cory Drive - Sanborn, NY B-39

LLI Sample # WW 6934228
LLI Group # 1364579
Account # 12495

Project Name: BP Sanborn

Collected: 01/24/2013 11:30 by RCB

Submitted: 01/25/2013 09:20
Reported: 01/30/2013 16:35

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

SAN39

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
10335	VOCs 8260 Parsons Specs List	SW-846 8260B	1	T130291AA	01/29/2013 19:35	Chelsea B Stong	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	T130291AA	01/29/2013 19:35	Chelsea B Stong	1

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

Sample Description: B-39 Matrix Spike Water
BP Sanborn COC: R212004
2050 Cory Drive - Sanborn, NY B-39

LLI Sample # WW 6934229
LLI Group # 1364579
Account # 12495

Project Name: BP Sanborn

Collected: 01/24/2013 11:30 by RCB

Submitted: 01/25/2013 09:20
Reported: 01/30/2013 16:35

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

SAN39

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit*	As Received Limit of Quantitation	Dilution Factor
GC/MS Volatiles	**SW-846 8260B**		ug/l	ug/l	ug/l	
10335	Benzyl Chloride	100-44-7	14	1.0	5.0	1
10335	Bromobenzene	108-86-1	19	1.0	5.0	1
10335	Bromodichloromethane	75-27-4	21	1.0	5.0	1
10335	Bromoform	75-25-2	17	1.0	5.0	1
10335	Bromomethane	74-83-9	22	1.0	5.0	1
10335	Carbon Tetrachloride	56-23-5	21	1.0	5.0	1
10335	Chlorobenzene	108-90-7	18	0.80	5.0	1
10335	Chloroethane	75-00-3	21	1.0	5.0	1
10335	2-Chloroethyl Vinyl Ether	110-75-8	17	2.0	10	1
	2-Chloroethyl vinyl ether may not be recovered if acid was used to preserve this sample.					
10335	Chloroform	67-66-3	21	0.80	5.0	1
10335	Chloromethane	74-87-3	22	1.0	5.0	1
10335	Dibromochloromethane	124-48-1	20	1.0	5.0	1
10335	Dibromomethane	74-95-3	20	1.0	5.0	1
10335	1,2-Dichlorobenzene	95-50-1	18	1.0	5.0	1
10335	1,3-Dichlorobenzene	541-73-1	18	1.0	5.0	1
10335	1,4-Dichlorobenzene	106-46-7	18	1.0	5.0	1
10335	Dichlorodifluoromethane	75-71-8	26	2.0	5.0	1
10335	1,1-Dichloroethane	75-34-3	20	1.0	5.0	1
10335	1,2-Dichloroethane	107-06-2	21	1.0	5.0	1
10335	1,1-Dichloroethene	75-35-4	20	0.80	5.0	1
10335	cis-1,2-Dichloroethene	156-59-2	22	0.80	5.0	1
10335	trans-1,2-Dichloroethene	156-60-5	20	0.80	5.0	1
10335	1,2-Dichloropropane	78-87-5	20	1.0	5.0	1
10335	cis-1,3-Dichloropropene	10061-01-5	21	1.0	5.0	1
10335	trans-1,3-Dichloropropene	10061-02-6	19	1.0	5.0	1
10335	Methylene Chloride	75-09-2	20	2.0	5.0	1
10335	1,1,1,2-Tetrachloroethane	630-20-6	19	1.0	5.0	1
10335	1,1,2,2-Tetrachloroethane	79-34-5	19	1.0	5.0	1
10335	Tetrachloroethene	127-18-4	20	0.80	5.0	1
10335	1,1,1-Trichloroethane	71-55-6	21	0.80	5.0	1
10335	1,1,2-Trichloroethane	79-00-5	19	0.80	5.0	1
10335	Trichloroethene	79-01-6	31	1.0	5.0	1
10335	Trichlorofluoromethane	75-69-4	28	2.0	5.0	1
10335	1,2,3-Trichloropropane	96-18-4	17	1.0	5.0	1
10335	Vinyl Chloride	75-01-4	20	1.0	5.0	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-39 Matrix Spike Water
BP Sanborn COC: R212004
2050 Cory Drive - Sanborn, NY B-39

LLI Sample # WW 6934229
LLI Group # 1364579
Account # 12495

Project Name: BP Sanborn

Collected: 01/24/2013 11:30 by RCB

Submitted: 01/25/2013 09:20
Reported: 01/30/2013 16:35

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

SAN39

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
10335	VOCs 8260 Parsons Specs List	SW-846 8260B	1	T130291AA	01/29/2013 19:59	Chelsea B Stong	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	T130291AA	01/29/2013 19:59	Chelsea B Stong	1

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

Sample Description: B-39 Matrix Spike Dup Water
BP Sanborn COC: R212004
2050 Cory Drive - Sanborn, NY B-39

LLI Sample # WW 6934230
LLI Group # 1364579
Account # 12495

Project Name: BP Sanborn

Collected: 01/24/2013 11:30 by RCB

Submitted: 01/25/2013 09:20
Reported: 01/30/2013 16:35

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

SAN39

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit*	As Received Limit of Quantitation	Dilution Factor
GC/MS Volatiles	**SW-846 8260B**		ug/l	ug/l	ug/l	
10335	Benzyl Chloride	100-44-7	15	1.0	5.0	1
10335	Bromobenzene	108-86-1	19	1.0	5.0	1
10335	Bromodichloromethane	75-27-4	21	1.0	5.0	1
10335	Bromoform	75-25-2	17	1.0	5.0	1
10335	Bromomethane	74-83-9	22	1.0	5.0	1
10335	Carbon Tetrachloride	56-23-5	21	1.0	5.0	1
10335	Chlorobenzene	108-90-7	19	0.80	5.0	1
10335	Chloroethane	75-00-3	20	1.0	5.0	1
10335	2-Chloroethyl Vinyl Ether	110-75-8	17	2.0	10	1
	2-Chloroethyl vinyl ether may not be recovered if acid was used to preserve this sample.					
10335	Chloroform	67-66-3	20	0.80	5.0	1
10335	Chloromethane	74-87-3	22	1.0	5.0	1
10335	Dibromochloromethane	124-48-1	20	1.0	5.0	1
10335	Dibromomethane	74-95-3	21	1.0	5.0	1
10335	1,2-Dichlorobenzene	95-50-1	19	1.0	5.0	1
10335	1,3-Dichlorobenzene	541-73-1	19	1.0	5.0	1
10335	1,4-Dichlorobenzene	106-46-7	19	1.0	5.0	1
10335	Dichlorodifluoromethane	75-71-8	25	2.0	5.0	1
10335	1,1-Dichloroethane	75-34-3	20	1.0	5.0	1
10335	1,2-Dichloroethane	107-06-2	21	1.0	5.0	1
10335	1,1-Dichloroethene	75-35-4	21	0.80	5.0	1
10335	cis-1,2-Dichloroethene	156-59-2	23	0.80	5.0	1
10335	trans-1,2-Dichloroethene	156-60-5	20	0.80	5.0	1
10335	1,2-Dichloropropane	78-87-5	20	1.0	5.0	1
10335	cis-1,3-Dichloropropene	10061-01-5	21	1.0	5.0	1
10335	trans-1,3-Dichloropropene	10061-02-6	19	1.0	5.0	1
10335	Methylene Chloride	75-09-2	20	2.0	5.0	1
10335	1,1,1,2-Tetrachloroethane	630-20-6	19	1.0	5.0	1
10335	1,1,2,2-Tetrachloroethane	79-34-5	19	1.0	5.0	1
10335	Tetrachloroethene	127-18-4	21	0.80	5.0	1
10335	1,1,1-Trichloroethane	71-55-6	21	0.80	5.0	1
10335	1,1,2-Trichloroethane	79-00-5	19	0.80	5.0	1
10335	Trichloroethene	79-01-6	31	1.0	5.0	1
10335	Trichlorofluoromethane	75-69-4	26	2.0	5.0	1
10335	1,2,3-Trichloropropane	96-18-4	18	1.0	5.0	1
10335	Vinyl Chloride	75-01-4	20	1.0	5.0	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-39 Matrix Spike Dup Water
BP Sanborn COC: R212004
2050 Cory Drive - Sanborn, NY B-39

LLI Sample # WW 6934230
LLI Group # 1364579
Account # 12495

Project Name: BP Sanborn

Collected: 01/24/2013 11:30 by RCB

Submitted: 01/25/2013 09:20
Reported: 01/30/2013 16:35

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

SAN39

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
10335	VOCs 8260 Parsons Specs List	SW-846 8260B	1	T130291AA	01/29/2013 20:23	Chelsea B Stong	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	T130291AA	01/29/2013 20:23	Chelsea B Stong	1

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

Sample Description: PW-3 Water
BP Sanborn COC: R212004
2050 Cory Drive - Sanborn, NY PW-3

LLI Sample # WW 6934231
LLI Group # 1364579
Account # 12495

Project Name: BP Sanborn

Collected: 01/24/2013 10:35 by RCB

Submitted: 01/25/2013 09:20
Reported: 01/30/2013 16:35

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

SAN-3

CAT No.	Analysis Name	CAS Number	As Received Result		As Received Method Detection Limit*	As Received Limit of Quantitation	Dilution Factor
GC/MS Volatiles	**SW-846 8260B**		ug/l		ug/l	ug/l	
10335	Benzyl Chloride	100-44-7	N.D.		1.0	5.0	1
10335	Bromobenzene	108-86-1	N.D.		1.0	5.0	1
10335	Bromodichloromethane	75-27-4	N.D.		1.0	5.0	1
10335	Bromoform	75-25-2	N.D.		1.0	5.0	1
10335	Bromomethane	74-83-9	N.D.		1.0	5.0	1
10335	Carbon Tetrachloride	56-23-5	N.D.		1.0	5.0	1
10335	Chlorobenzene	108-90-7	N.D.		0.80	5.0	1
10335	Chloroethane	75-00-3	N.D.		1.0	5.0	1
10335	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.						
10335	Chloroform	67-66-3	N.D.		0.80	5.0	1
10335	Chloromethane	74-87-3	N.D.		1.0	5.0	1
10335	Dibromochloromethane	124-48-1	N.D.		1.0	5.0	1
10335	Dibromomethane	74-95-3	N.D.		1.0	5.0	1
10335	1,2-Dichlorobenzene	95-50-1	N.D.		1.0	5.0	1
10335	1,3-Dichlorobenzene	541-73-1	N.D.		1.0	5.0	1
10335	1,4-Dichlorobenzene	106-46-7	N.D.		1.0	5.0	1
10335	Dichlorodifluoromethane	75-71-8	N.D.		2.0	5.0	1
10335	1,1-Dichloroethane	75-34-3	N.D.		1.0	5.0	1
10335	1,2-Dichloroethane	107-06-2	N.D.		1.0	5.0	1
10335	1,1-Dichloroethene	75-35-4	N.D.		0.80	5.0	1
10335	cis-1,2-Dichloroethene	156-59-2	160		0.80	5.0	1
10335	trans-1,2-Dichloroethene	156-60-5	1.1	J	0.80	5.0	1
10335	1,2-Dichloropropane	78-87-5	N.D.		1.0	5.0	1
10335	cis-1,3-Dichloropropene	10061-01-5	N.D.		1.0	5.0	1
10335	trans-1,3-Dichloropropene	10061-02-6	N.D.		1.0	5.0	1
10335	Methylene Chloride	75-09-2	N.D.		2.0	5.0	1
10335	1,1,1,2-Tetrachloroethane	630-20-6	N.D.		1.0	5.0	1
10335	1,1,2,2-Tetrachloroethane	79-34-5	N.D.		1.0	5.0	1
10335	Tetrachloroethene	127-18-4	4.1	J	0.80	5.0	1
10335	1,1,1-Trichloroethane	71-55-6	N.D.		0.80	5.0	1
10335	1,1,2-Trichloroethane	79-00-5	N.D.		0.80	5.0	1
10335	Trichloroethene	79-01-6	740		10	50	10
10335	Trichlorofluoromethane	75-69-4	N.D.		2.0	5.0	1
10335	1,2,3-Trichloropropane	96-18-4	N.D.		1.0	5.0	1
10335	Vinyl Chloride	75-01-4	1.4	J	1.0	5.0	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: R212004
2050 Cory Drive - Sanborn, NY PW-3

LLI Sample # WW 6934231
LLI Group # 1364579
Account # 12495

Project Name: BP Sanborn

Collected: 01/24/2013 10:35 by RCB

Submitted: 01/25/2013 09:20
Reported: 01/30/2013 16:35

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

SAN-3

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
10335	VOCs 8260 Parsons Specs List	SW-846 8260B	1	T130291AA	01/29/2013 20:47	Chelsea B Stong	1
10335	VOCs 8260 Parsons Specs List	SW-846 8260B	1	T130291AA	01/29/2013 21:11	Chelsea B Stong	10
01163	GC/MS VOA Water Prep	SW-846 5030B	1	T130291AA	01/29/2013 20:47	Chelsea B Stong	1
01163	GC/MS VOA Water Prep	SW-846 5030B	2	T130291AA	01/29/2013 21:11	Chelsea B Stong	10

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

Sample Description: P-2 Water
BP Sanborn COC: R212004
2050 Cory Drive - Sanborn, NY P-2

LLI Sample # WW 6934232
LLI Group # 1364579
Account # 12495

Project Name: BP Sanborn

Collected: 01/24/2013 13:10 by RCB

Submitted: 01/25/2013 09:20
Reported: 01/30/2013 16:35

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

SAN-2

CAT No.	Analysis Name	CAS Number	As Received Result		As Received Method Detection Limit*	As Received Limit of Quantitation	Dilution Factor
GC/MS Volatiles	**SW-846 8260B**		ug/l		ug/l	ug/l	
10335	Benzyl Chloride	100-44-7	N.D.		1.0	5.0	1
10335	Bromobenzene	108-86-1	N.D.		1.0	5.0	1
10335	Bromodichloromethane	75-27-4	N.D.		1.0	5.0	1
10335	Bromoform	75-25-2	N.D.		1.0	5.0	1
10335	Bromomethane	74-83-9	N.D.		1.0	5.0	1
10335	Carbon Tetrachloride	56-23-5	N.D.		1.0	5.0	1
10335	Chlorobenzene	108-90-7	N.D.		0.80	5.0	1
10335	Chloroethane	75-00-3	N.D.		1.0	5.0	1
10335	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.						
10335	Chloroform	67-66-3	N.D.		0.80	5.0	1
10335	Chloromethane	74-87-3	N.D.		1.0	5.0	1
10335	Dibromochloromethane	124-48-1	N.D.		1.0	5.0	1
10335	Dibromomethane	74-95-3	N.D.		1.0	5.0	1
10335	1,2-Dichlorobenzene	95-50-1	N.D.		1.0	5.0	1
10335	1,3-Dichlorobenzene	541-73-1	N.D.		1.0	5.0	1
10335	1,4-Dichlorobenzene	106-46-7	N.D.		1.0	5.0	1
10335	Dichlorodifluoromethane	75-71-8	N.D.		2.0	5.0	1
10335	1,1-Dichloroethane	75-34-3	N.D.		1.0	5.0	1
10335	1,2-Dichloroethane	107-06-2	N.D.		1.0	5.0	1
10335	1,1-Dichloroethene	75-35-4	N.D.		0.80	5.0	1
10335	cis-1,2-Dichloroethene	156-59-2	12		0.80	5.0	1
10335	trans-1,2-Dichloroethene	156-60-5	N.D.		0.80	5.0	1
10335	1,2-Dichloropropane	78-87-5	N.D.		1.0	5.0	1
10335	cis-1,3-Dichloropropene	10061-01-5	N.D.		1.0	5.0	1
10335	trans-1,3-Dichloropropene	10061-02-6	N.D.		1.0	5.0	1
10335	Methylene Chloride	75-09-2	N.D.		2.0	5.0	1
10335	1,1,1,2-Tetrachloroethane	630-20-6	N.D.		1.0	5.0	1
10335	1,1,2,2-Tetrachloroethane	79-34-5	N.D.		1.0	5.0	1
10335	Tetrachloroethene	127-18-4	N.D.		0.80	5.0	1
10335	1,1,1-Trichloroethane	71-55-6	2.6	J	0.80	5.0	1
10335	1,1,2-Trichloroethane	79-00-5	N.D.		0.80	5.0	1
10335	Trichloroethene	79-01-6	36		1.0	5.0	1
10335	Trichlorofluoromethane	75-69-4	N.D.		2.0	5.0	1
10335	1,2,3-Trichloropropane	96-18-4	N.D.		1.0	5.0	1
10335	Vinyl Chloride	75-01-4	N.D.		1.0	5.0	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-2 Water
BP Sanborn COC: R212004
2050 Cory Drive - Sanborn, NY P-2

LLI Sample # WW 6934232
LLI Group # 1364579
Account # 12495

Project Name: BP Sanborn

Collected: 01/24/2013 13:10 by RCB

Submitted: 01/25/2013 09:20
Reported: 01/30/2013 16:35

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

SAN-2

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
10335	VOCs 8260 Parsons Specs List	SW-846 8260B	1	T130291AA	01/29/2013 21:35	Chelsea B Stong	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	T130291AA	01/29/2013 21:35	Chelsea B Stong	1

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

Sample Description: P-3 Water
BP Sanborn COC: R212004
2050 Cory Drive - Sanborn, NY P-3

LLI Sample # WW 6934233
LLI Group # 1364579
Account # 12495

Project Name: BP Sanborn

Collected: 01/24/2013 12:45 by RCB

Submitted: 01/25/2013 09:20
Reported: 01/30/2013 16:35

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

SAN3P

CAT No.	Analysis Name	CAS Number	As Received Result		As Received Method Detection Limit*	As Received Limit of Quantitation	Dilution Factor
GC/MS Volatiles	**SW-846 8260B**		ug/l		ug/l	ug/l	
10335	Benzyl Chloride	100-44-7	N.D.		1.0	5.0	1
10335	Bromobenzene	108-86-1	N.D.		1.0	5.0	1
10335	Bromodichloromethane	75-27-4	N.D.		1.0	5.0	1
10335	Bromoform	75-25-2	N.D.		1.0	5.0	1
10335	Bromomethane	74-83-9	N.D.		1.0	5.0	1
10335	Carbon Tetrachloride	56-23-5	N.D.		1.0	5.0	1
10335	Chlorobenzene	108-90-7	N.D.		0.80	5.0	1
10335	Chloroethane	75-00-3	N.D.		1.0	5.0	1
10335	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.						
10335	Chloroform	67-66-3	N.D.		0.80	5.0	1
10335	Chloromethane	74-87-3	N.D.		1.0	5.0	1
10335	Dibromochloromethane	124-48-1	N.D.		1.0	5.0	1
10335	Dibromomethane	74-95-3	N.D.		1.0	5.0	1
10335	1,2-Dichlorobenzene	95-50-1	N.D.		1.0	5.0	1
10335	1,3-Dichlorobenzene	541-73-1	N.D.		1.0	5.0	1
10335	1,4-Dichlorobenzene	106-46-7	N.D.		1.0	5.0	1
10335	Dichlorodifluoromethane	75-71-8	N.D.		2.0	5.0	1
10335	1,1-Dichloroethane	75-34-3	N.D.		1.0	5.0	1
10335	1,2-Dichloroethane	107-06-2	N.D.		1.0	5.0	1
10335	1,1-Dichloroethene	75-35-4	N.D.		0.80	5.0	1
10335	cis-1,2-Dichloroethene	156-59-2	32		0.80	5.0	1
10335	trans-1,2-Dichloroethene	156-60-5	1.1	J	0.80	5.0	1
10335	1,2-Dichloropropane	78-87-5	N.D.		1.0	5.0	1
10335	cis-1,3-Dichloropropene	10061-01-5	N.D.		1.0	5.0	1
10335	trans-1,3-Dichloropropene	10061-02-6	N.D.		1.0	5.0	1
10335	Methylene Chloride	75-09-2	N.D.		2.0	5.0	1
10335	1,1,1,2-Tetrachloroethane	630-20-6	N.D.		1.0	5.0	1
10335	1,1,2,2-Tetrachloroethane	79-34-5	N.D.		1.0	5.0	1
10335	Tetrachloroethene	127-18-4	N.D.		0.80	5.0	1
10335	1,1,1-Trichloroethane	71-55-6	N.D.		0.80	5.0	1
10335	1,1,2-Trichloroethane	79-00-5	N.D.		0.80	5.0	1
10335	Trichloroethene	79-01-6	N.D.		1.0	5.0	1
10335	Trichlorofluoromethane	75-69-4	N.D.		2.0	5.0	1
10335	1,2,3-Trichloropropane	96-18-4	N.D.		1.0	5.0	1
10335	Vinyl Chloride	75-01-4	N.D.		1.0	5.0	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: R212004
2050 Cory Drive - Sanborn, NY P-3

LLI Sample # WW 6934233
LLI Group # 1364579
Account # 12495

Project Name: BP Sanborn

Collected: 01/24/2013 12:45 by RCB

Submitted: 01/25/2013 09:20
Reported: 01/30/2013 16:35

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

SAN3P

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
10335	VOCs 8260 Parsons Specs List	SW-846 8260B	1	T130291AA	01/29/2013 21:59	Chelsea B Stong	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	T130291AA	01/29/2013 21:59	Chelsea B Stong	1

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

Sample Description: B-44 Water
BP Sanborn COC: R212004
2050 Cory Drive - Sanborn, NY B-44

LLI Sample # WW 6934234
LLI Group # 1364579
Account # 12495

Project Name: BP Sanborn

Collected: 01/24/2013 13:45 by RCB

Submitted: 01/25/2013 09:20
Reported: 01/30/2013 16:35

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

SAN44

CAT No.	Analysis Name	CAS Number	As Received Result		As Received Method Detection Limit*	As Received Limit of Quantitation	Dilution Factor
GC/MS Volatiles	**SW-846 8260B**		ug/l		ug/l	ug/l	
10335	Benzyl Chloride	100-44-7	N.D.		1.0	5.0	1
10335	Bromobenzene	108-86-1	N.D.		1.0	5.0	1
10335	Bromodichloromethane	75-27-4	N.D.		1.0	5.0	1
10335	Bromoform	75-25-2	N.D.		1.0	5.0	1
10335	Bromomethane	74-83-9	N.D.		1.0	5.0	1
10335	Carbon Tetrachloride	56-23-5	N.D.		1.0	5.0	1
10335	Chlorobenzene	108-90-7	N.D.		0.80	5.0	1
10335	Chloroethane	75-00-3	N.D.		1.0	5.0	1
10335	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.						
10335	Chloroform	67-66-3	N.D.		0.80	5.0	1
10335	Chloromethane	74-87-3	N.D.		1.0	5.0	1
10335	Dibromochloromethane	124-48-1	N.D.		1.0	5.0	1
10335	Dibromomethane	74-95-3	N.D.		1.0	5.0	1
10335	1,2-Dichlorobenzene	95-50-1	N.D.		1.0	5.0	1
10335	1,3-Dichlorobenzene	541-73-1	N.D.		1.0	5.0	1
10335	1,4-Dichlorobenzene	106-46-7	N.D.		1.0	5.0	1
10335	Dichlorodifluoromethane	75-71-8	N.D.		2.0	5.0	1
10335	1,1-Dichloroethane	75-34-3	8.4		1.0	5.0	1
10335	1,2-Dichloroethane	107-06-2	N.D.		1.0	5.0	1
10335	1,1-Dichloroethene	75-35-4	N.D.		0.80	5.0	1
10335	cis-1,2-Dichloroethene	156-59-2	11		0.80	5.0	1
10335	trans-1,2-Dichloroethene	156-60-5	N.D.		0.80	5.0	1
10335	1,2-Dichloropropane	78-87-5	N.D.		1.0	5.0	1
10335	cis-1,3-Dichloropropene	10061-01-5	N.D.		1.0	5.0	1
10335	trans-1,3-Dichloropropene	10061-02-6	N.D.		1.0	5.0	1
10335	Methylene Chloride	75-09-2	N.D.		2.0	5.0	1
10335	1,1,1,2-Tetrachloroethane	630-20-6	N.D.		1.0	5.0	1
10335	1,1,2,2-Tetrachloroethane	79-34-5	N.D.		1.0	5.0	1
10335	Tetrachloroethene	127-18-4	N.D.		0.80	5.0	1
10335	1,1,1-Trichloroethane	71-55-6	N.D.		0.80	5.0	1
10335	1,1,2-Trichloroethane	79-00-5	N.D.		0.80	5.0	1
10335	Trichloroethene	79-01-6	4.8	J	1.0	5.0	1
10335	Trichlorofluoromethane	75-69-4	N.D.		2.0	5.0	1
10335	1,2,3-Trichloropropane	96-18-4	N.D.		1.0	5.0	1
10335	Vinyl Chloride	75-01-4	4.8	J	1.0	5.0	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-44 Water
BP Sanborn COC: R212004
2050 Cory Drive - Sanborn, NY B-44

LLI Sample # WW 6934234
LLI Group # 1364579
Account # 12495

Project Name: BP Sanborn

Collected: 01/24/2013 13:45 by RCB

Submitted: 01/25/2013 09:20
Reported: 01/30/2013 16:35

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

SAN44

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
10335	VOCs 8260 Parsons Specs List	SW-846 8260B	1	T130291AA	01/29/2013 22:23	Chelsea B Stong	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	T130291AA	01/29/2013 22:23	Chelsea B Stong	1

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

Sample Description: PW-4 Water
BP Sanborn COC: R212006
2050 Cory Drive - Sanborn, NY PW-4

LLI Sample # WW 6934235
LLI Group # 1364579
Account # 12495

Project Name: BP Sanborn

Collected: 01/24/2013 13:20 by RCB

Submitted: 01/25/2013 09:20
Reported: 01/30/2013 16:35

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

SAN4P

CAT No.	Analysis Name	CAS Number	As Received Result		As Received Method Detection Limit*	As Received Limit of Quantitation	Dilution Factor
GC/MS Volatiles	**SW-846 8260B**		ug/l		ug/l	ug/l	
10335	Benzyl Chloride	100-44-7	N.D.		1.0	5.0	1
10335	Bromobenzene	108-86-1	N.D.		1.0	5.0	1
10335	Bromodichloromethane	75-27-4	N.D.		1.0	5.0	1
10335	Bromoform	75-25-2	N.D.		1.0	5.0	1
10335	Bromomethane	74-83-9	N.D.		1.0	5.0	1
10335	Carbon Tetrachloride	56-23-5	N.D.		1.0	5.0	1
10335	Chlorobenzene	108-90-7	N.D.		0.80	5.0	1
10335	Chloroethane	75-00-3	N.D.		1.0	5.0	1
10335	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.						
10335	Chloroform	67-66-3	N.D.		0.80	5.0	1
10335	Chloromethane	74-87-3	N.D.		1.0	5.0	1
10335	Dibromochloromethane	124-48-1	N.D.		1.0	5.0	1
10335	Dibromomethane	74-95-3	N.D.		1.0	5.0	1
10335	1,2-Dichlorobenzene	95-50-1	N.D.		1.0	5.0	1
10335	1,3-Dichlorobenzene	541-73-1	N.D.		1.0	5.0	1
10335	1,4-Dichlorobenzene	106-46-7	N.D.		1.0	5.0	1
10335	Dichlorodifluoromethane	75-71-8	N.D.		2.0	5.0	1
10335	1,1-Dichloroethane	75-34-3	N.D.		1.0	5.0	1
10335	1,2-Dichloroethane	107-06-2	N.D.		1.0	5.0	1
10335	1,1-Dichloroethene	75-35-4	N.D.		0.80	5.0	1
10335	cis-1,2-Dichloroethene	156-59-2	36		0.80	5.0	1
10335	trans-1,2-Dichloroethene	156-60-5	N.D.		0.80	5.0	1
10335	1,2-Dichloropropane	78-87-5	N.D.		1.0	5.0	1
10335	cis-1,3-Dichloropropene	10061-01-5	N.D.		1.0	5.0	1
10335	trans-1,3-Dichloropropene	10061-02-6	N.D.		1.0	5.0	1
10335	Methylene Chloride	75-09-2	N.D.		2.0	5.0	1
10335	1,1,1,2-Tetrachloroethane	630-20-6	N.D.		1.0	5.0	1
10335	1,1,2,2-Tetrachloroethane	79-34-5	N.D.		1.0	5.0	1
10335	Tetrachloroethene	127-18-4	N.D.		0.80	5.0	1
10335	1,1,1-Trichloroethane	71-55-6	N.D.		0.80	5.0	1
10335	1,1,2-Trichloroethane	79-00-5	N.D.		0.80	5.0	1
10335	Trichloroethene	79-01-6	38		1.0	5.0	1
10335	Trichlorofluoromethane	75-69-4	N.D.		2.0	5.0	1
10335	1,2,3-Trichloropropane	96-18-4	N.D.		1.0	5.0	1
10335	Vinyl Chloride	75-01-4	2.3	J	1.0	5.0	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: R212006
2050 Cory Drive - Sanborn, NY PW-4

LLI Sample # WW 6934235
LLI Group # 1364579
Account # 12495

Project Name: BP Sanborn

Collected: 01/24/2013 13:20 by RCB

Submitted: 01/25/2013 09:20
Reported: 01/30/2013 16:35

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

SAN4P

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
10335	VOCs 8260 Parsons Specs List	SW-846 8260B	1	T130291AA	01/29/2013 22:47	Chelsea B Stong	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	T130291AA	01/29/2013 22:47	Chelsea B Stong	1

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

Quality Control Summary

Client Name: Atlantic Richfield(Parsons-NY) Group Number: 1364579
Reported: 01/30/13 at 04:35 PM

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: T130291AA	Sample number(s): 6934225-6934235								
Benzyl Chloride	N.D.	1.0	5.0	ug/l	86		60-120		
Bromobenzene	N.D.	1.0	5.0	ug/l	96		80-120		
Bromodichloromethane	N.D.	1.0	5.0	ug/l	108		73-120		
Bromoform	N.D.	1.0	5.0	ug/l	92		61-120		
Bromomethane	N.D.	1.0	5.0	ug/l	105		44-120		
Carbon Tetrachloride	N.D.	1.0	5.0	ug/l	104		67-122		
Chlorobenzene	N.D.	0.80	5.0	ug/l	98		80-120		
Chloroethane	N.D.	1.0	5.0	ug/l	95		49-129		
2-Chloroethyl Vinyl Ether	N.D.	2.0	10	ug/l	93		29-151		
Chloroform	N.D.	0.80	5.0	ug/l	103		77-122		
Chloromethane	N.D.	1.0	5.0	ug/l	106		60-129		
Dibromochloromethane	N.D.	1.0	5.0	ug/l	103		72-120		
Dibromomethane	N.D.	1.0	5.0	ug/l	109		80-120		
1,2-Dichlorobenzene	N.D.	1.0	5.0	ug/l	96		80-120		
1,3-Dichlorobenzene	N.D.	1.0	5.0	ug/l	96		80-120		
1,4-Dichlorobenzene	N.D.	1.0	5.0	ug/l	95		80-120		
Dichlorodifluoromethane	N.D.	2.0	5.0	ug/l	115		47-120		
1,1-Dichloroethane	N.D.	1.0	5.0	ug/l	102		79-120		
1,2-Dichloroethane	N.D.	1.0	5.0	ug/l	114		64-130		
1,1-Dichloroethene	N.D.	0.80	5.0	ug/l	100		76-124		
cis-1,2-Dichloroethene	N.D.	0.80	5.0	ug/l	102		80-120		
trans-1,2-Dichloroethene	N.D.	0.80	5.0	ug/l	98		80-120		
1,2-Dichloropropane	N.D.	1.0	5.0	ug/l	103		80-120		
cis-1,3-Dichloropropene	N.D.	1.0	5.0	ug/l	109		78-120		
trans-1,3-Dichloropropene	N.D.	1.0	5.0	ug/l	98		73-120		
Methylene Chloride	N.D.	2.0	5.0	ug/l	104		84-118		
1,1,1,2-Tetrachloroethane	N.D.	1.0	5.0	ug/l	103		79-120		
1,1,2,2-Tetrachloroethane	N.D.	1.0	5.0	ug/l	103		75-123		
Tetrachloroethene	N.D.	0.80	5.0	ug/l	101		79-120		
1,1,1-Trichloroethane	N.D.	0.80	5.0	ug/l	102		66-126		
1,1,2-Trichloroethane	N.D.	0.80	5.0	ug/l	103		80-120		
Trichloroethene	N.D.	1.0	5.0	ug/l	105		80-120		
Trichlorofluoromethane	N.D.	2.0	5.0	ug/l	124		65-130		
1,2,3-Trichloropropane	N.D.	1.0	5.0	ug/l	96		76-120		
Vinyl Chloride	N.D.	1.0	5.0	ug/l	97		56-123		

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

*- 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: 1364579
Reported: 01/30/13 at 04:35 PM

Analysis Name	MS %REC	MSD %REC	MS/MSD Limits	RPD	RPD MAX	BKG Conc	DUP Conc	DUP RPD	Dup RPD Max
Batch number: T130291AA	Sample number(s): 6934225-6934235 UNSPK: 6934228								
Benzyl Chloride	72	75	62-120	5	30				
Bromobenzene	93	95	82-115	3	30				
Bromodichloromethane	107	106	78-125	1	30				
Bromoform	86	85	48-118	1	30				
Bromomethane	109	108	47-129	2	30				
Carbon Tetrachloride	106	107	72-135	1	30				
Chlorobenzene	92	95	87-124	3	30				
Chloroethane	106	99	51-145	7	30				
2-Chloroethyl Vinyl Ether	84	86	10-151	3	30				
Chloroform	103	102	81-134	1	30				
Chloromethane	112	108	46-137	3	30				
Dibromochloromethane	101	100	74-116	1	30				
Dibromomethane	101	103	83-119	2	30				
1,2-Dichlorobenzene	91	93	84-119	3	30				
1,3-Dichlorobenzene	91	97	86-121	6	30				
1,4-Dichlorobenzene	91	95	85-121	5	30				
Dichlorodifluoromethane	131*	125	52-129	4	30				
1,1-Dichloroethane	99	101	84-129	2	30				
1,2-Dichloroethane	104	106	68-131	2	30				
1,1-Dichloroethene	99	104	85-142	5	30				
cis-1,2-Dichloroethene	99	103	85-125	4	30				
trans-1,2-Dichloroethene	100	101	87-126	1	30				
1,2-Dichloropropane	99	100	83-124	2	30				
cis-1,3-Dichloropropene	104	104	70-116	0	30				
trans-1,3-Dichloropropene	93	93	74-119	1	30				
Methylene Chloride	102	102	78-133	0	30				
1,1,1,2-Tetrachloroethane	94	96	82-119	2	30				
1,1,2,2-Tetrachloroethane	94	97	72-128	3	30				
Tetrachloroethene	100	104	80-128	4	30				
1,1,1-Trichloroethane	104	105	69-140	1	30				
1,1,2-Trichloroethane	96	95	77-124	1	30				
Trichloroethene	105	106	88-133	1	30				
Trichlorofluoromethane	138	131	64-146	5	30				
1,2,3-Trichloropropane	84	88	76-118	4	30				
Vinyl Chloride	101	99	66-133	2	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: PPL + Xylene (total) by 8260
Batch number: T130291AA

	Dibromofluoromethane	1,2-Dichloroethane-d4	Toluene-d8	4-Bromofluorobenzene
6934225	104	97	97	99
6934226	106	97	97	100
6934227	107	96	98	100
6934228	107	98	96	98
6934229	105	101	97	102
6934230	103	97	98	103

*- 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: 1364579
Reported: 01/30/13 at 04:35 PM

Surrogate Quality Control

6934231	104	96	99	102
6934232	107	98	95	99
6934233	105	97	96	100
6934234	109	97	97	101
6934235	108	99	94	98
Blank	105	99	96	100
LCS	105	99	98	103
MS	105	101	97	102
MSD	103	97	98	103
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.

A-12495 G-1364579 S-69342 25-236

Laboratory Management Program LaMP Chain of Custody Record R212004

Page 1 of 2

BP Site Node Path: BP, Sanborn

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

BP Facility No: _____

Lab Work Order Number: _____

Lab Name: Lancaster Labs	Facility Address: 2050 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 LaRivere Dr. Suite 350, Lancaster PA 14202
Lab Phone: (717) 556-7323	California Global ID No.:	Consultant/Contractor PM: George Hermance
Lab Shipping Accnt:	Enfos Proposal No: D003-4-0004	Phone: (716) 407-4990 Email:
Lab Bottle Order No: 133496	Accounting Mode: Provision ___ 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): William Barber

BP PM Phone: (216) 271-8038

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	Comments
	Field Dup #3	1/24/13			X			3	X					X	
	B-41	1/24/13	0940		X			3	X					X	
	B-40		1030		X			3	X					X	
	B-39		1130		X			3	X					X	
	B-39 MS		1130		X			3	X					X	
	B-39 MSD		1130		X			3	X					X	
	PW-3		1035		X			3	X					X	
	P-2		1310		X			3	X					X	
	P-3		1245		X			3	X					X	
	B-44		1345		X			3	X					X	

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	Relinquished By / Affiliation	Date	Time	Accepted By / Affiliation	Date	Time
Sampler's Company: O+M Enterprises Inc.	Richard C Becker O+M	1/24/13	1500			
Shipment Method: Fed Ex Ship Date: 1/24/13						
Shipment Tracking No: 801301780889				[illegible] LCL	1-25-13	920

Special Instructions:

THIS LINE - LAB USE ONLY: Custody Seals In Place: Yes / No | Temp Blank: Yes / No | Cooler Temp on Receipt: 3.7 °F/C | Trip Blank: Yes / No | MS/MSD Sample Submitted: Yes / No

B44 3299 1-25-13

A-12495 G-1364579 S-69342 25-236

Laboratory Management Program LaMP Chain of Custody Record R212006

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

BP Facility No: | Lab Work Order Number:

Lab Name: Lancaster Labs	Facility Address: 2050 Cory Dr.	Consultant/Contractor: Parsons
Lab Address: 2425 New Holland Pike, Lancaster PA 17606	City, State, ZIP Code: Sanborn, NY	Consultant/Contractor Project No:
Lab PM: Kathlin Plasterer	Lead Regulatory Agency: NYSDEC	Address: 40 Lockview Dr. Suite 350, Buffalo, NY 4202
Lab Phone: (717) 556-7323	California Global ID No.:	Consultant/Contractor PM: George Hermance
Lab Shipping Accnt:	Enfos Proposal No: D008-4-004	Phone: (716) 407-4490 Email:
Lab Bottle Order No: 133496	Accounting Mode: Provision ___ OOC-BU ___ OOC-RM ___	Email EDD To: Lorraine Walker and to lab.enfosdoc@bp.com
Other Info:	Stage: 60 Activity: 81	Invoice To: BP ___ Contractor ___

BP Project Manager (PM): William Barker

BP PM Phone: (216) 271-8038

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	11/24/13	1320				X	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 Barker	Relinquished By / Affiliation	Date	Time	Accepted By / Affiliation	Date	Time
Sampler's Company: DJM Enterprises Inc	Richard C Barker	11/24/13	1500			
Shipment Method: Fed Ex Ship Date: 11/24/13						
Shipment Tracking No: 801301780889				Burns & McDonnell	11-25-13	920

Special Instructions:

THIS LINE - LAB USE ONLY: Custody Seals In Place: Yes / No | Temp Blank: Yes / No | Cooler Temp on Receipt: 3.7 °F/C | Trip Blank: Yes / No | MS/MSD Sample Submitted: Yes / No

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G-1364579

Environmental Sample Administration
Receipt Documentation Log

Client/Project: BP

Date of Receipt: 1.25.13

Time of Receipt: 920

Source Code: 50-1

Shipping Container Sealed: (YES) NO

Custody Seal Present * : YES (NO)

* Custody seal was intact unless otherwise noted in the discrepancy section

Package: (Chilled) Not Chilled

Temperature of Shipping Containers							
Cooler #	Thermometer ID	Temperature (°C)	Temp Bottle (TB) or Surface Temp (ST)	Wet Ice (WI) or Dry Ice (DI) or Ice Packs (IP)	Ice Present? Y/N	Loose (L) Bagged Ice (B) or NA	Comments
1	9422	3.7	TB	WI	Y	B	
2							
3							
4							
5							
6							

Number of Trip Blanks received NOT listed on chain of custody: 2

Paperwork Discrepancy/Unpacking Problems:

Unpacker Signature/Emp#: 2249 **Date/Time:** 1.25.13 1042

Issued by Dept. 6042 Management

2174.06

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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 - The number following the sign is the limit of quantitation, the smallest amount of analyte which can be reliably determined using this specific test.

> greater than

J estimated value – The result is ≥ the Method Detection Limit (MDL) and < the Limit of Quantitation (LOQ).

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 of gas 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.

U.S. EPA CLP Data Qualifiers:

Organic Qualifiers

A	TIC is a possible aldol-condensation product
B	Analyte was also detected in the blank
C	Pesticide result confirmed by GC/MS
D	Compound quantitated on a diluted sample
E	Concentration exceeds the calibration range of the instrument
N	Presumptive evidence of a compound (TICs only)
P	Concentration difference between primary and confirmation columns >25%
U	Compound was not detected
X,Y,Z	Defined in case narrative

Inorganic Qualifiers

B	Value is <CRDL, but ≥IDL
E	Estimated due to interference
M	Duplicate injection precision not met
N	Spike sample not within control limits
S	Method of standard additions (MSA) used for calculation
U	Compound was not detected
W	Post digestion spike out of control limits
*****	Duplicate analysis not within control limits
+	Correlation coefficient for MSA <0.995

Analytical test results meet all requirements of NELAC 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. This report shall not be reproduced except in full, without the written approval of the laboratory.

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.

APPENDIX C

WATER QUALITY DATABASE
JANUARY 2001 THROUGH MARCH 2013

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	SW8260	ND	ND	1.6 J	ND	ND	3.1 J	200	ND	26	ND	21	251.7

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- 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	SW8260	ND	ND	ND	ND	ND	1.6 J	41	ND	4.9 J	ND	7.9	55.4

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- 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	SW8260	ND	ND	ND	ND	ND	1.3 J	33	ND	260	ND	1.8 J	296.1

ND - Not detected, indicates parameter was analyzed for, but not detected at or above the reporting limit.

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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	SW8260	ND	ND	ND	ND	ND	ND	16	ND	200	ND	ND	216
10/03/2012	6812009	SW8260	ND	ND	ND	ND	ND	0.86 J	19	ND	240	ND	ND	259.86
01/23/2013	6932568	SW8260	ND	ND	ND	ND	ND	1.2 J	40	ND	350	ND	ND	391.2

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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	SW8260	ND	ND	ND	ND	ND	ND	1.1 J	ND	3.8 J	ND	ND	4.9

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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)
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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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	SW8260	ND	ND	ND	32	ND	36	5500	ND	56000	11	340	61919
10/04/2012	6814361	SW8260	ND	ND	ND	ND	ND	ND	5800	ND	84000	ND	100 J	89900
01/23/2013	6932575	SW8260	ND	ND	ND	ND	ND	ND	2000	ND	51000	ND	ND	53000

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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	SW8260	ND	ND	ND	ND	ND	ND	ND	ND	1.1 J	ND	ND	1.1
10/04/2012	6814363	SW8260	ND	ND	ND	ND	ND	ND	ND	ND	2.7 J	2.5 J	ND	5.2
01/17/2013	6926981	SW8260	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-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	SW8260	ND	ND	ND	ND	ND	ND	5.4	3.2 J	32	ND	ND	40.6
10/04/2012	6814364	SW8260	ND	ND	ND	ND	ND	0.86 J	9.4	4.0 J	44	ND	ND	58.26

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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-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	SW8260	ND	ND	ND	ND	ND	1.4 J	27	ND	270	15	ND	313.4

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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-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	SW8260	ND	ND	29	7.8	ND	8.6	280	35	1700	ND	ND	2060.4

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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-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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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	SW8260	ND	ND	7.3	4.3 J	ND	14	630	0.96 J	260	ND	27	943.56
10/02/2012	6810732	SW8260	ND	ND	7.5	4.3 J	ND	16	770	ND	240	ND	9.9	1047.7
01/22/2013	6931415	SW8260	ND	ND	30	4.4 J	ND	4.8 J	420	5.5	420	ND	15	899.7

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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-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

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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-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	SW8260	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-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	
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	SW8260	ND	ND	ND	ND	ND	ND	1.2 J	ND	ND	ND	ND	1.2

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-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

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-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	SW8260	ND	ND	170	67	ND	69	15000	20 J	6300	ND	2200	23826
10/02/2012	6810730	SW8260	ND	ND	95	49 J	ND	46 J	12000	9.1 J	4600	ND	1600	18399.1
01/23/2013	6932578	SW8260	ND	ND	66	42 J	ND	40 J	8000	15 J	6500	ND	960	15623

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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-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	SW8260	ND	ND	ND	ND	ND	ND	7.0	ND	ND	ND	4.0 J	11

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-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

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-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	SW8260	ND	ND	ND	ND	ND	ND	0.81 J	ND	ND	ND	ND	0.81

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-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	SW8260	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-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	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
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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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-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	SW8260	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
10/03/2012	6812014	SW8260	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
01/17/2013	6926976	SW8260	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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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-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	SW8260	ND	ND	ND	ND	ND	ND	42	ND	9.8	ND	ND	51.8
10/03/2012	6812017	SW8260	ND	ND	ND	ND	ND	ND	36	ND	7.3	ND	ND	43.3
01/17/2013	6926979	SW8260	ND	ND	ND	ND	ND	3.4 J	87	ND	35	ND	ND	125.4

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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-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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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-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	SW8260	ND	ND	1.1 J	ND	ND	0.91 J	240	ND	4.8 J	ND	25	271.81
10/03/2012	6812006	SW8260	ND	ND	ND	ND	ND	ND	230	ND	7.5	ND	27	264.5
01/23/2013	6932570	SW8260	ND	ND	2.8 J	ND	ND	2.0 J	190	2.0 J	130	ND	8.5	335.3

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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-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	SW8260	ND	ND	ND	ND	ND	ND	ND	ND	2.3 J	ND	ND	2.3
10/03/2012	6812008	SW8260	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
01/23/2013	6932572	SW8260	ND	ND	ND	ND	ND	ND	2.7 J	ND	7.1	ND	ND	9.8

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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:

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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.
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-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	SW8260	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-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

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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-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	SW8260	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
10/03/2012	6812018	SW8260	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
01/17/2013	6926975	SW8260	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-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	SW8260	ND	ND	ND	ND	ND	ND	15	ND	1.9 J	ND	1.7 J	18.6

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.
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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	SW8260	ND	ND	ND	ND	ND	ND	3.3 J	ND	ND	ND	ND	3.3

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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: **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	SW8260	ND	ND	ND	ND	ND	1.0 J	23	ND	1.5 J	ND	9.8	35.3

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-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	SW8260	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.
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-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

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-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.
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)
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	SW8260	ND	ND	ND	ND	ND	0.83 J	45	ND	39	ND	1.1 J	85.93
10/03/2012	6812013	SW8260	ND	ND	ND	ND	ND	ND	36	ND	27	ND	ND	63
01/17/2013	6926980	SW8260	ND	ND	ND	ND	ND	1.1 J	48	ND	24	ND	ND	73.1

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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	8260	ND	ND	ND	ND	ND	ND	4	ND	10	ND	ND	14
07/16/2004	A4674301	8021	ND	ND	ND	ND	ND	ND	4.9 E	ND	8.4	ND	ND	13.3
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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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	SW8260	ND	ND	ND	ND	ND	ND	2.8 J	ND	7.3	ND	ND	10.1
10/04/2012	6814373	SW8260	ND	ND	ND	ND	ND	ND	4.8 J	ND	8.7	ND	ND	13.5
01/24/2013	6934228	SW8260	ND	ND	ND	ND	ND	ND	2.0 J	ND	10	ND	ND	12

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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	8260	ND	ND	ND	ND	ND	0.58 J	2.9	ND	ND	ND	ND	3.48
07/16/2004	A4674201	8021	ND	ND	ND	ND	ND	ND	3 E	ND	ND	ND	ND	3
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

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-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	SW8260	ND	ND	ND	ND	ND	ND	2.6 J	ND	2.1 J	ND	ND	4.7
10/04/2012	6814370	SW8260	ND	ND	ND	ND	ND	ND	3.6 J	ND	2.4 J	ND	ND	6
01/24/2013	6934227	SW8260	ND	ND	ND	ND	ND	ND	3.3 J	ND	2.2 J	ND	ND	5.5

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-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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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: **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	SW8260	ND	ND	ND	ND	ND	ND	5.8	ND	ND	ND	ND	5.8
10/04/2012	6814365	SW8260	ND	ND	ND	ND	ND	ND	4.6 J	ND	ND	ND	ND	4.6
01/24/2013	6934226	SW8260	ND	ND	ND	ND	ND	ND	7.8	ND	ND	ND	ND	7.8

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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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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-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	SW8260	ND	ND	ND	ND	ND	0.90 J	8.3	ND	3.1 J	ND	ND	12.3
10/02/2012	6810726	SW8260	ND	ND	ND	ND	ND	0.83 J	6.5	ND	2.3 J	ND	ND	9.63
01/22/2013	6931421	SW8260	ND	ND	ND	ND	ND	ND	6.3	ND	3.2 J	ND	ND	9.5

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1) Nondetected concentrations have been represented as ND for reporting purposes.
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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)
01/12/2001	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

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-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	SW8260	ND	ND	ND	ND	ND	ND	11	ND	3.0 J	ND	4.3 J	18.3
10/02/2012	6810725	SW8260	ND	ND	ND	ND	ND	ND	11	ND	3.4 J	ND	2.9 J	17.3
01/22/2013	6931417	SW8260	ND	ND	ND	ND	ND	ND	5.9	ND	1.6 J	ND	3.1 J	10.6

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:

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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-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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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-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	SW8260	ND	ND	8.7	ND	ND	ND	6.5	ND	3.2 J	ND	3.7 J	22.1
10/02/2012	6810731	SW8260	ND	ND	9.3	ND	ND	ND	13	ND	5.2	ND	7.4	34.9
01/24/2013	6934234	SW8260	ND	ND	8.4	ND	ND	ND	11	ND	4.8 J	ND	4.8 J	29

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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-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	SW8260	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-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	SW8260	ND	ND	ND	ND	ND	ND	46	ND	10	ND	3.3 J	59.3

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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-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

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-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	SW8260	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
10/02/2012	6810735	SW8260	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
01/22/2013	6931411	SW8260	ND	ND	ND	ND	ND	ND	ND	ND	1.0 J	ND	ND	1

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-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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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-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	SW8260	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
10/02/2012	6810736	SW8260	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
01/22/2013	6931412	SW8260	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	SW8260	ND	ND	ND	ND	ND	1.1 J	13	ND	58	ND	ND	72.1

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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-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	SW8260	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	SW8260	ND	ND	ND	ND	ND	ND	3.0 J	ND	12	ND	ND	15

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-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	SW8260	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-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	SW8260	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-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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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)
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	SW8260	ND	ND	ND	ND	ND	1.2 J	25	ND	190	ND	ND	216.2
10/03/2012	6812007	SW8260	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	SW8260	ND	ND	ND	ND	ND	ND	15	ND	45	ND	ND	60

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-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

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-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	SW8260	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
10/03/2012	6812010	SW8260	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
01/23/2013	6932573	SW8260	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-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	SW8260	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	SW8260	ND	ND	ND	ND	ND	ND	3.4 J	ND	ND	ND	2.7 J	6.1

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	SW8260	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	SW8260	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	SW8260	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-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	SW8260	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	SW8260	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	SW8260	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	SW8260	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-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	SW8260	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: **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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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: 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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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: **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	SW8260	ND	ND	150	26	ND	10 J	1700	970	7800	ND	48	10704
10/04/2012	6814368	SW8260	ND	ND	ND	ND	ND	ND	2.7 J	5.7	75	ND	ND	83.4
01/24/2013	6934232	SW8260	ND	ND	ND	ND	ND	ND	12	2.6 J	36	ND	ND	50.6

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:

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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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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)
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	SW8260	ND	ND	ND	ND	ND	3.9 J	83	ND	1.2 J	ND	ND	88.1
10/04/2012	6814367	SW8260	ND	ND	ND	ND	ND	2.7 J	77	ND	ND	ND	ND	79.7
01/24/2013	6934233	SW8260	ND	ND	ND	ND	ND	1.1 J	32	ND	ND	ND	ND	33.1

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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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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-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	SW8260	ND	ND	22	5.2	ND	11	580	6.2	890	ND	ND	1514.4
10/02/2012	6810734	SW8260	ND	ND	19	3.6 J	ND	9.2	580	4.9 J	850	ND	ND	1466.7
01/22/2013	6931414	SW8260	ND	ND	52	11	ND	10	620	42	2100	2.0 J	19	2856

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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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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-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	SW8260	ND	ND	ND	ND	ND	0.92 J	58	ND	210	ND	2.5 J	271.42
10/02/2012	6810729	SW8260	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	SW8260	ND	ND	4.4 J	1.6 J	ND	2.5 J	250	3.8 J	810	ND	12	1084.3

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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-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.
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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)
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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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	SW8260	ND	ND	ND	9.5	ND	8.2	1400	ND	2900	2.4 J	4.1 J	4324.2
10/04/2012	6814362	SW8260	ND	ND	ND	3.2 J	ND	2.7 J	510	ND	760	3.2 J	7.5	1286.6
01/24/2013	6934231	SW8260	ND	ND	ND	ND	ND	1.1 J	160	ND	740	4.1 J	1.4 J	906.6

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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	SW8260	ND	ND	ND	ND	ND	ND	22	ND	260	ND	ND	282
10/04/2012	6814369	SW8260	ND	ND	40	11	ND	11	2200	14	380	ND	310	2966
01/24/2013	6934235	SW8260	ND	ND	ND	ND	ND	ND	36	ND	38	ND	2.3 J	76.3

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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: **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	
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	
04/04/2012	6607029	8260	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
10/03/2012	6812012	SW8260	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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3) The method change to 8260 was approved by the NYSDEC and changed in January 2005.

FORMER CARBORUNDUM FACILITY

WHEATFIELD, NEW YORK

Well Id: **Tank 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	SW8260	ND	ND	74	11	ND	4.8 J	580	440	1400	8.0	21	

ND - Not detected, indicates parameter was analyzed for, but not detected at or above the reporting limit.

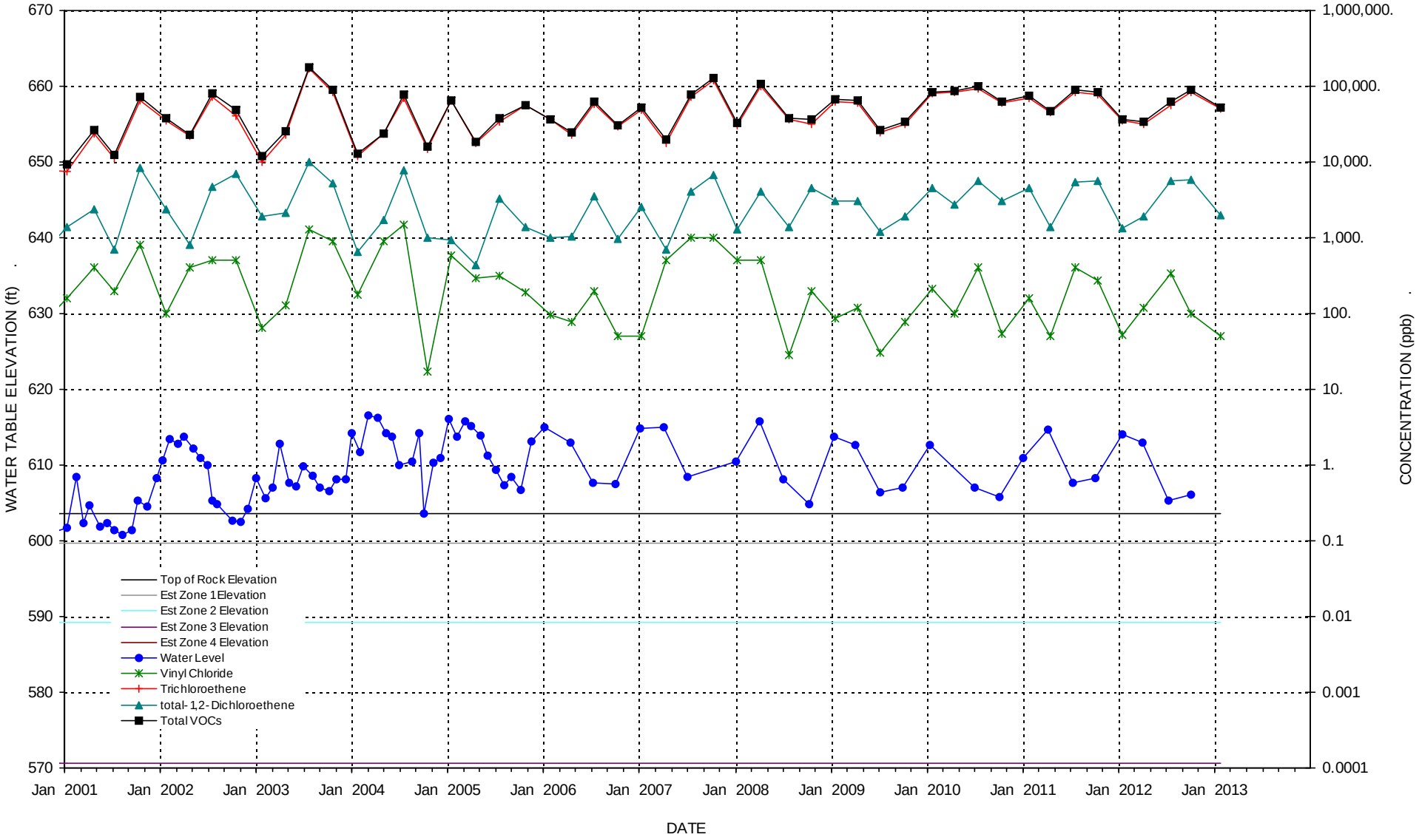
To address the NYSDEC concerns regarding the presentation and plotting of nondetected values, the data for 2001 to 2004 has been reevaluated and interpreted as follows:

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**

WATER LEVELS & CHLORINATED SOLVENT CONCENTRATIONS

WELL B- 8M

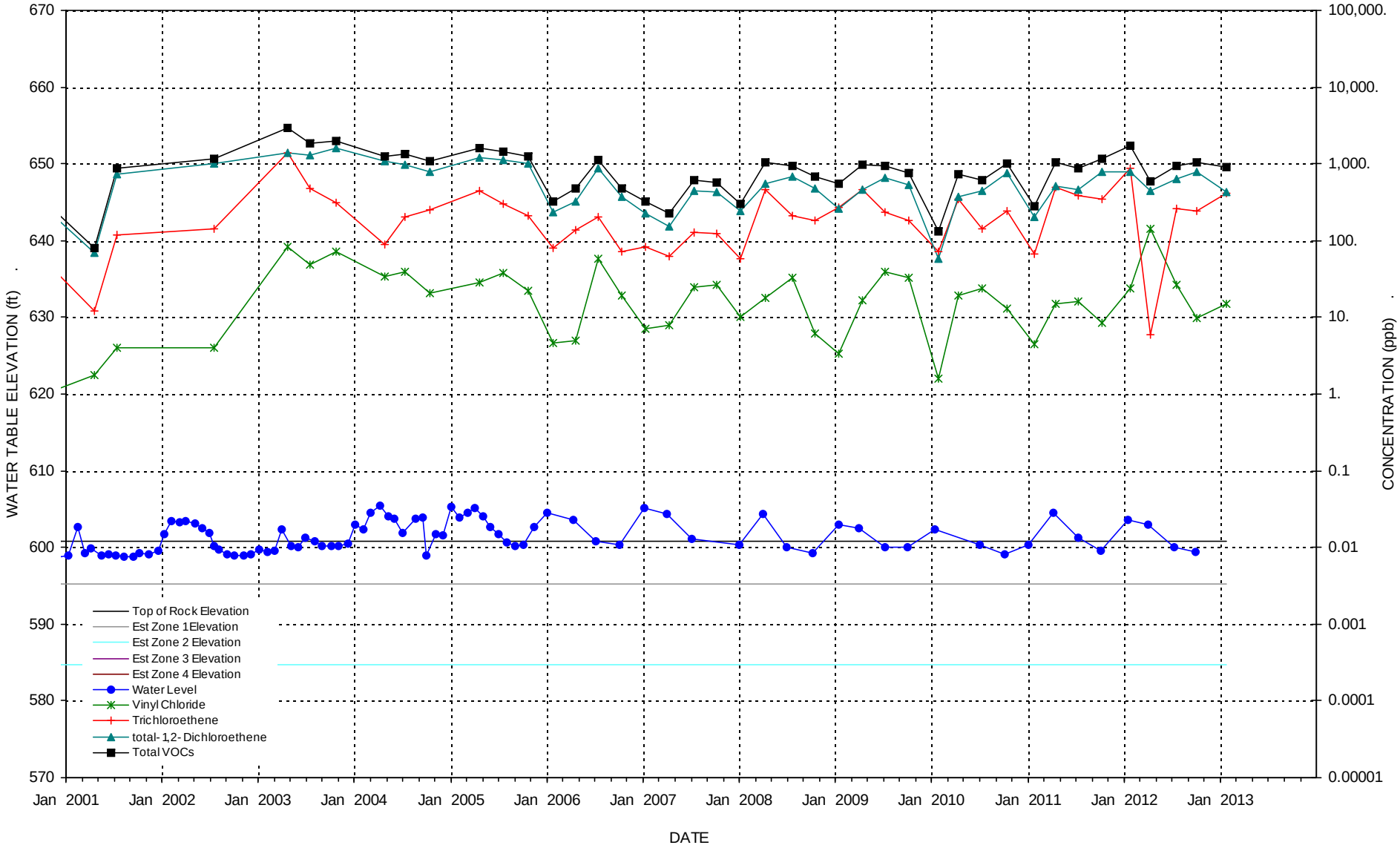


P:\BP Program\447164-BP Sanborn\DBASE\2012Carborundum.mdb

PARSONS

WATER LEVELS & CHLORINATED SOLVENT CONCENTRATIONS

WELL B-13M



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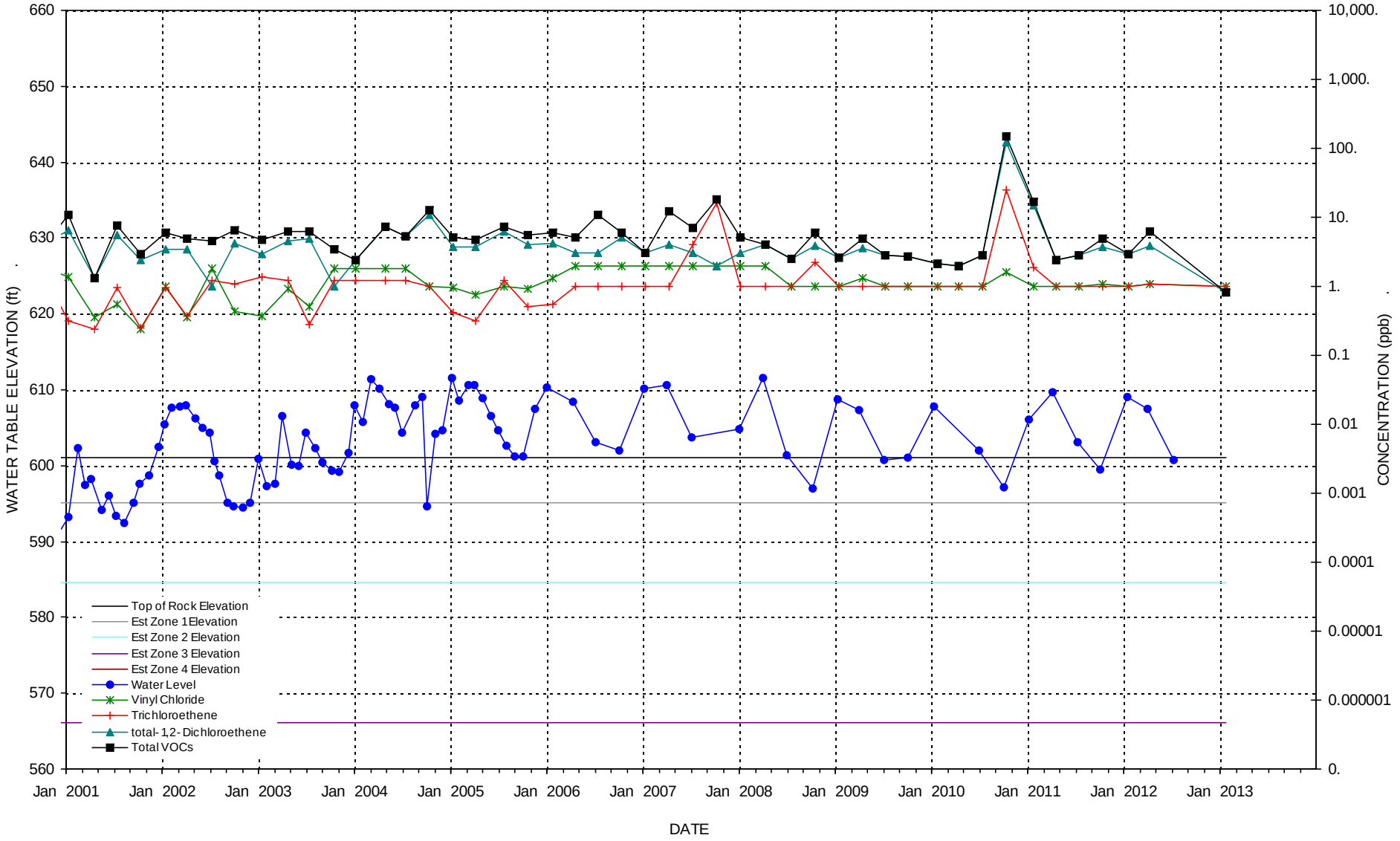
PARSONS

WATER LEVELS & CHLORINATED SOLVENT CONCENTRATIONS

WELL B-19M



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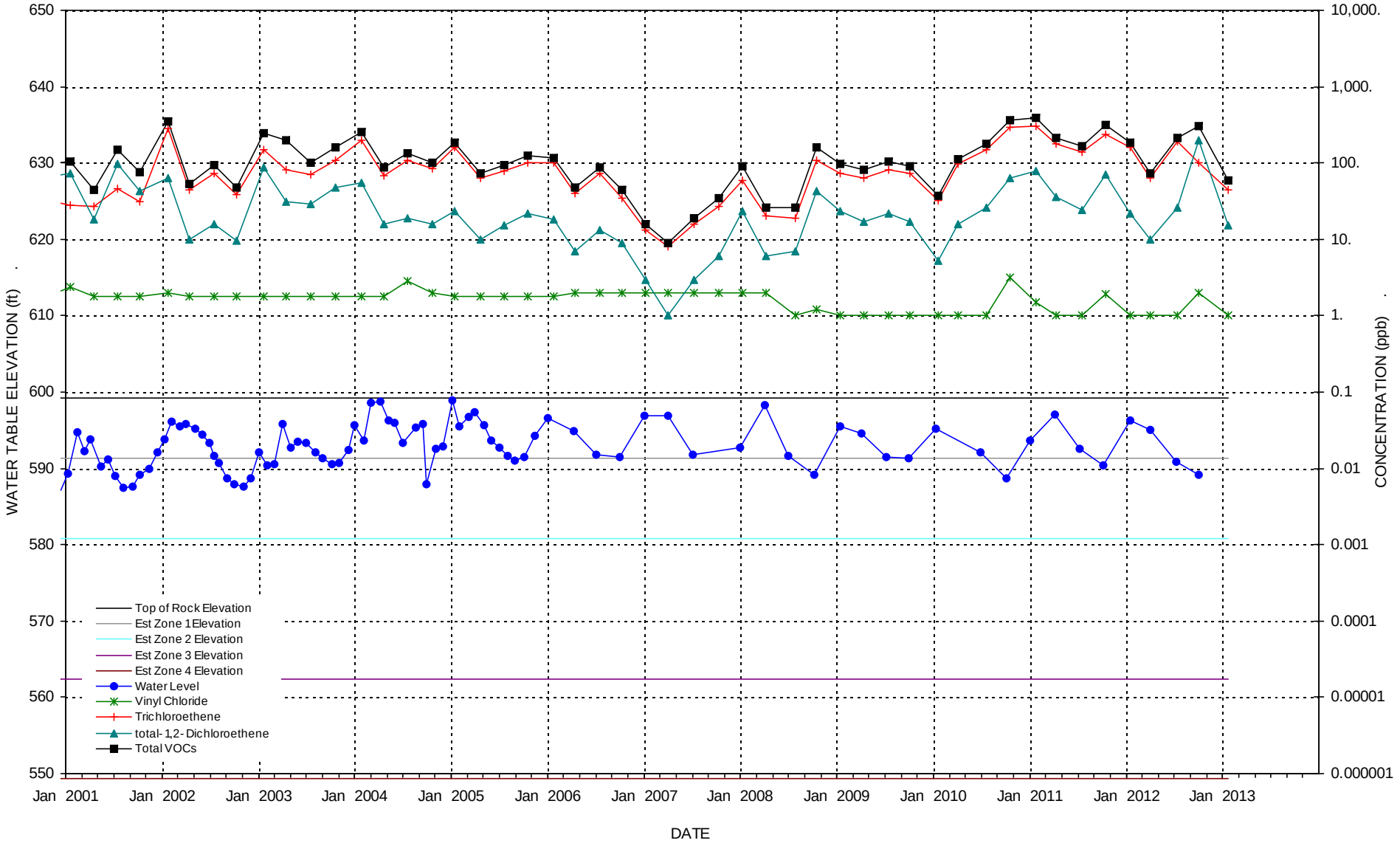
PARSONS

WATER LEVELS & CHLORINATED SOLVENT CONCENTRATIONS

WELL B-56M



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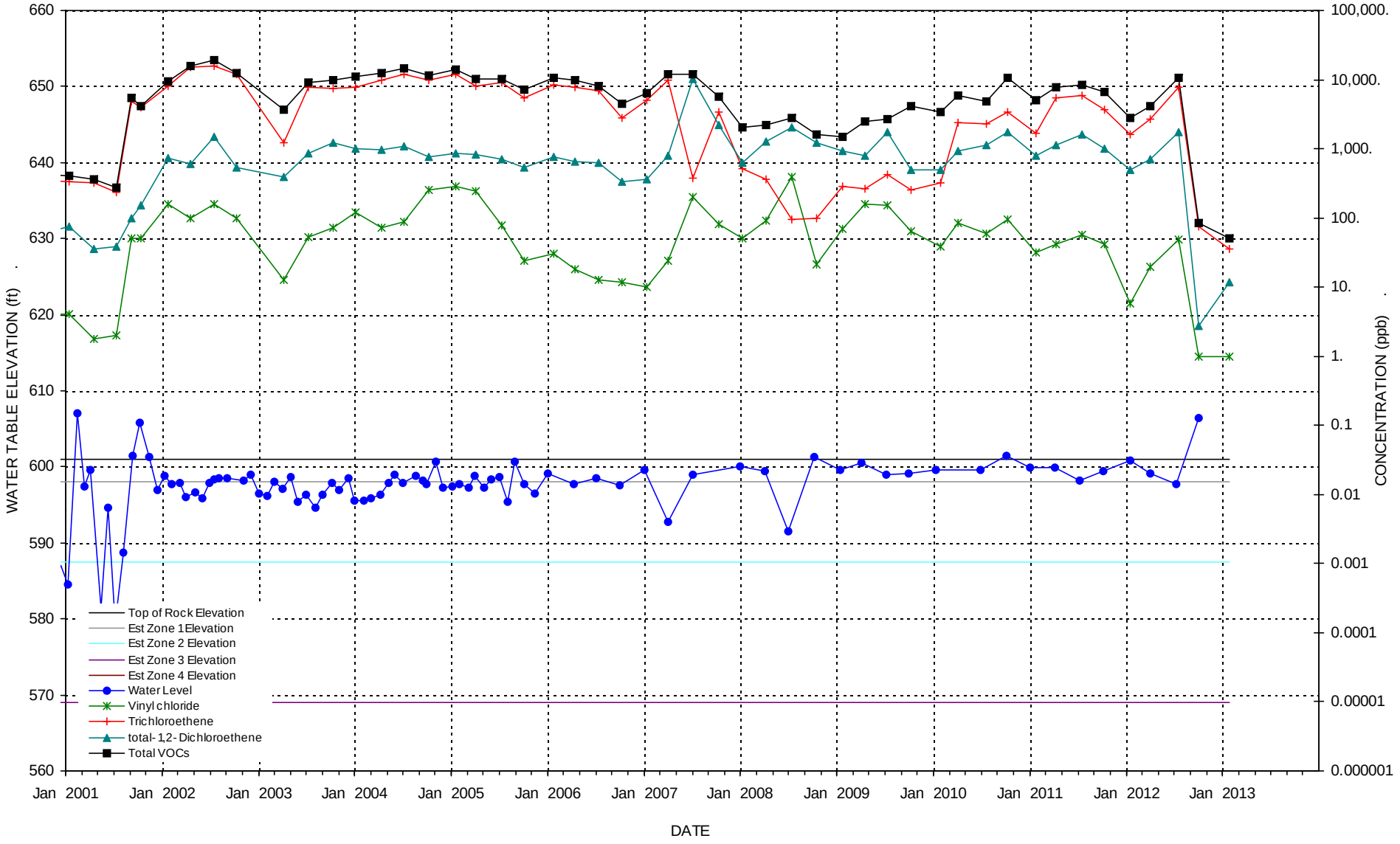
PARSONS

WATER LEVELS & CHLORINATED SOLVENT CONCENTRATIONS

WELL P-2



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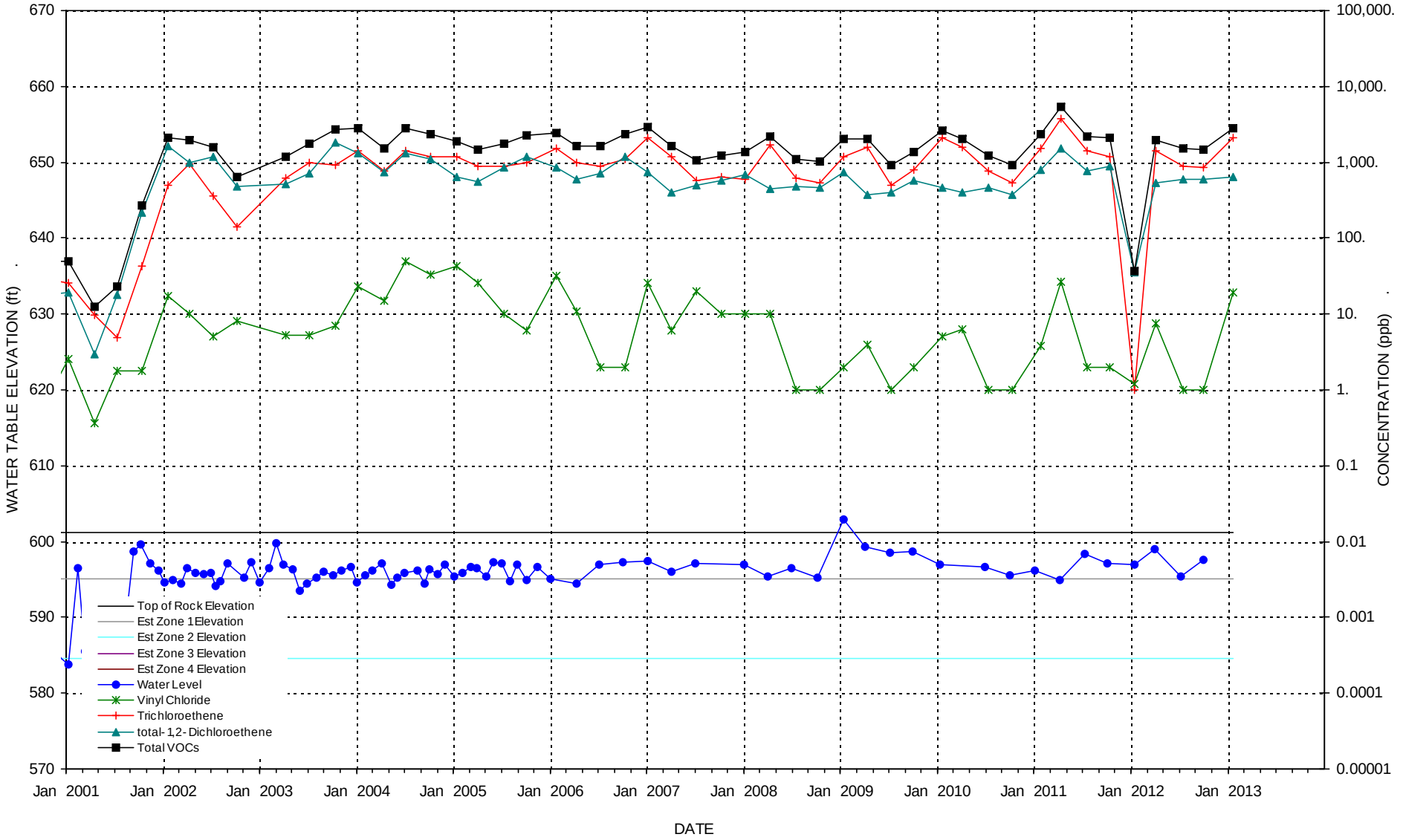
PARSONS

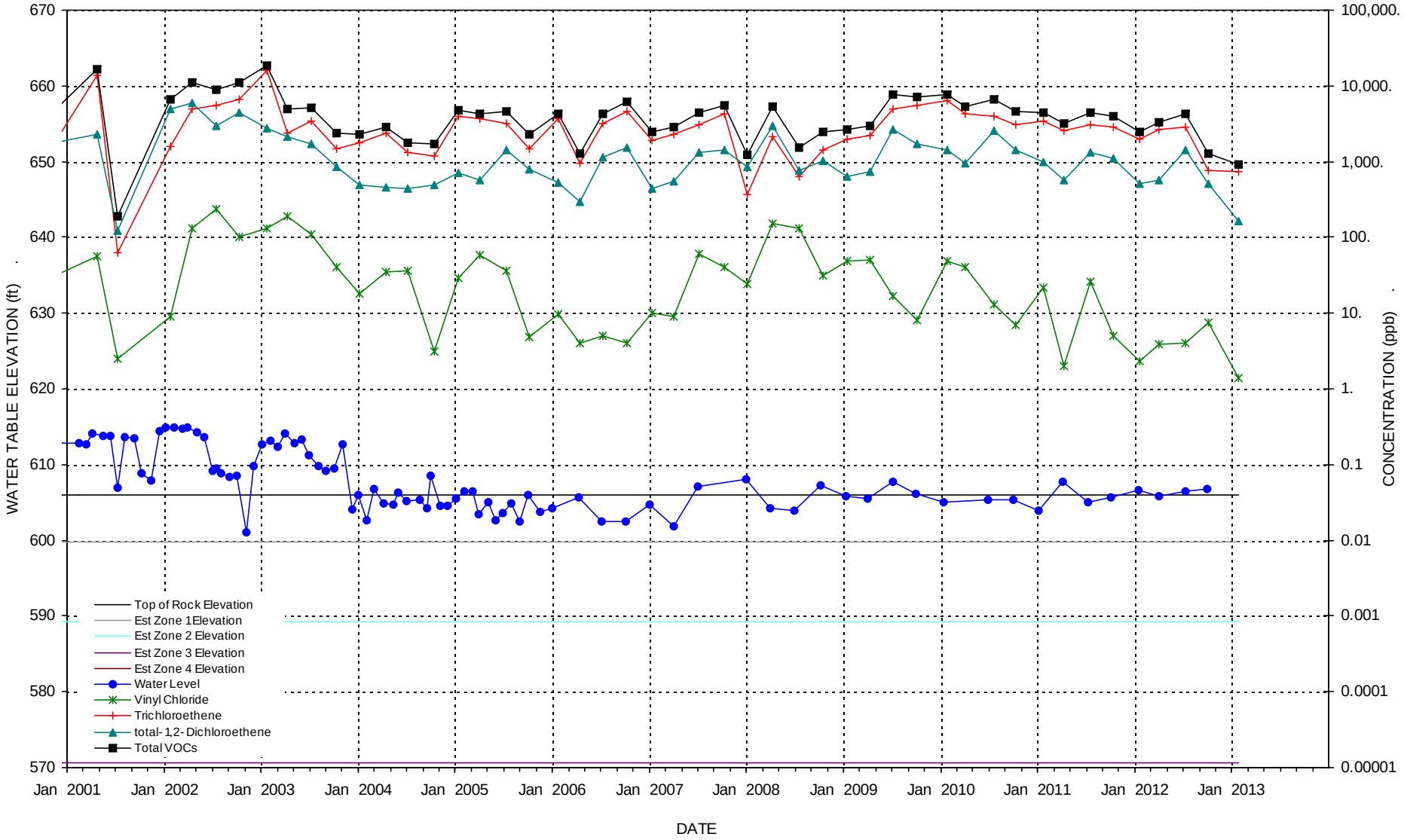
WATER LEVELS & CHLORINATED SOLVENT CONCENTRATIONS

WELL P-4



WATER LEVELS & CHLORINATED SOLVENT CONCENTRATIONS

PW-3 (former DNAPL Sump)



APPENDIX D

ELECTRONIC COPY OF THE REPORT IN PORTABLE DOCUMENT FILE (PDF) FORMAT

PROVIDED IN ELECTRONIC FORMAT ON THE ENCLOSED COMPACT DISC

APPENDIX A

MONITORING WELL SAMPLING FIELD FORMS

APPENDIX B

LABORATORY DATA REPORTS

APPENDIX C

WATER QUALITY DATABASE
JANUARY 2001 THROUGH MARCH 2013

APPENDIX D

ELECTRONIC COPY OF THE REPORT IN PORTABLE DOCUMENT FILE (PDF) FORMAT