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May 14, 2012

Mr. Timothy Dieffenbach
NYSDEC
Region 9
270 Michigan Avenue
Buffalo, New York 14203-2399

RE: First Quarter 2012 Monitoring Report
Former Carborundum Facility, Village of Sanborn, Town of Wheatfield, New York
NYSDEC Site No. 932102

Dear Mr. Dieffenbach:

On behalf of Atlantic Richfield Company, attached is the First Quarter 2012 Monitoring Report for the former Carborundum facility in Wheatfield, New York (Site). The report covers activities at the Site from January 1, 2012 through March 31, 2012. The CDs enclosed at the end of the attached report contain an electronic copy of the report in PDF format and the quarterly monitoring data in the EQuIS format.

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.A. Rider – NYSDEC
J. Devauld – NCDOH
D.Taylor - Parsons

FIRST QUARTER 2012 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 2012

First Quarter 2012 Monitoring Report For:

GROUNDWATER REMEDIATION PROGRAM
AT THE
FORMER CARBORUNDUM FACILITY

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

Prepared for:

New York State Department of
Environmental Conservation
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40 La Riviere Drive, Suite 350
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Phone: (716) 541-0730
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May 2012

TABLE OF CONTENTS

QUARTERLY MONITORING REPORT
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 2012 groundwater sampling event and provides a summary of the OM&M activities completed between January 1 and March 31, 2012.

The January 2012 groundwater sampling event included static water level measurements prior to purging, and the collection of groundwater samples from 24 monitoring wells and six recovery wells in accordance with the NYSDEC-approved (October 2005, amended 2009) sampling program. All samples were submitted to Lancaster Laboratories, Inc., a New York State Department of Health certified laboratory, for volatile organic compound (VOC) analysis. The locations of the wells sampled 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, 2012, 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 2012 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 16 and January 25, 2012. 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. 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). These samples were analyzed for VOCs only. 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.

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 collected immediately after the sample collection (see Table 3). The recovery wells were also sampled for VOCs.

All VOC samples were placed in pre-cleaned, labeled 40-ml glass vials provided by Lancaster Laboratories. 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 2012 sampling event were submitted to Lancaster Laboratories 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, plotted on a Site map. The sample results have been incorporated into the project water quality database. A historical summary (January 2001 through March 2012) is provided in Appendix C.

Results for the first quarter groundwater sampling were generally consistent with previous results with the exception of wells B-32M, B-41M, and P-4. These exceptions are discussed below.

- B-32M total VOCs for January 2012 are anomalous when compared to historical data. The total VOCs (85.4 ug/L) were the second highest total VOCs level observed at this well, with the only higher result from January 2005 (94.12 ug/L). Total VOCs at this location have ranged from 11.58 to 94.12 ug/L over time. The January 2012 TCE concentration is at a historical high. This location was sampled during the April 2012 groundwater sampling event, preliminary results continue to show an increase in total VOCs including TCE. This well will be sampled again in

July 2012 to confirm any trends in the total VOC and TCE concentration. In addition, a number of surrounding wells which are sampled on an annual basis will be sampled in July. That data will be useful in evaluating these increases.

- Total VOCs found in well B-41M (12 ug/L) were also the second highest historically observed at this location. Total VOCs typically range from 3 to 10 ug/L. A higher total VOC concentration was found in October 2001 (100 ug/L). TCE was detected at 5.8 ug/L; the last TCE detection was in January 2007. This well was sampled in April 2012 to confirm the recent TCE detection. Preliminary results show an increase in total VOCs including TCE. This well will be sampled again in July 2012 to confirm any trends in the total VOC and TCE concentration.
- Total VOCs at P-4 in January 2012 (37.3 ug/L) were the lowest observed at this location since July 2001 (23.13 ug/L). Total VOC concentrations at this location typically range from 1,000 to 3,000 ug/L. This location was sampled in April 2012. Preliminary results show a return to historical range (1,452 ug\L). This well will be sampled again in July 2012 to monitor potential trends.

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 normal operation. Non-routine system maintenance and repairs during the quarter included:

- replaced ductwork to heaters inside treatment plant;
- minor grading in parking area to reduce surface water flow into treatment plant; and
- repaired leaking valve on pumping well PW-4.

EFFLUENT AND PERMIT COMPLIANCE ISSUES

During the reporting period, approximately 11.5 million gallons of groundwater were recovered and treated. 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 88.1 gallons per minute (gpm) during the reporting period. The total extracted mass of VOCs during the first quarter of 2012 was 52.9 pounds. The extracted mass was estimated using individual well pumping rates and analytical results.

Table 5 provides the GRS performance summary for the quarter. The GRS uptime (hours during quarter that GRS was operational / total hours during quarter) for the quarter was 100 percent.

Effluent samples were collected at the outfall (OU1) inside the treatment building. Monthly discharge monitoring reports (DMRs) were provided to NYSDEC, in compliance with the SPDES permit (NY0001988). The DMRs documented the analytical results from the effluent samples. All analytical results were compliant with the SPDES permit. However, when collecting the discharge sample on February 29, an in-house PH reading was not recorded resulting in a noncompliance event. The NYSDEC was notified immediately after identifying the missed reading. A report of noncompliance was completed and submitted with the DMR as requested by NYSDEC.

SUMMARY AND CONCLUSIONS

- Groundwater concentrations are consistent with historical data, with the exceptions noted within this report (B-32M, B41M, and P-4).

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

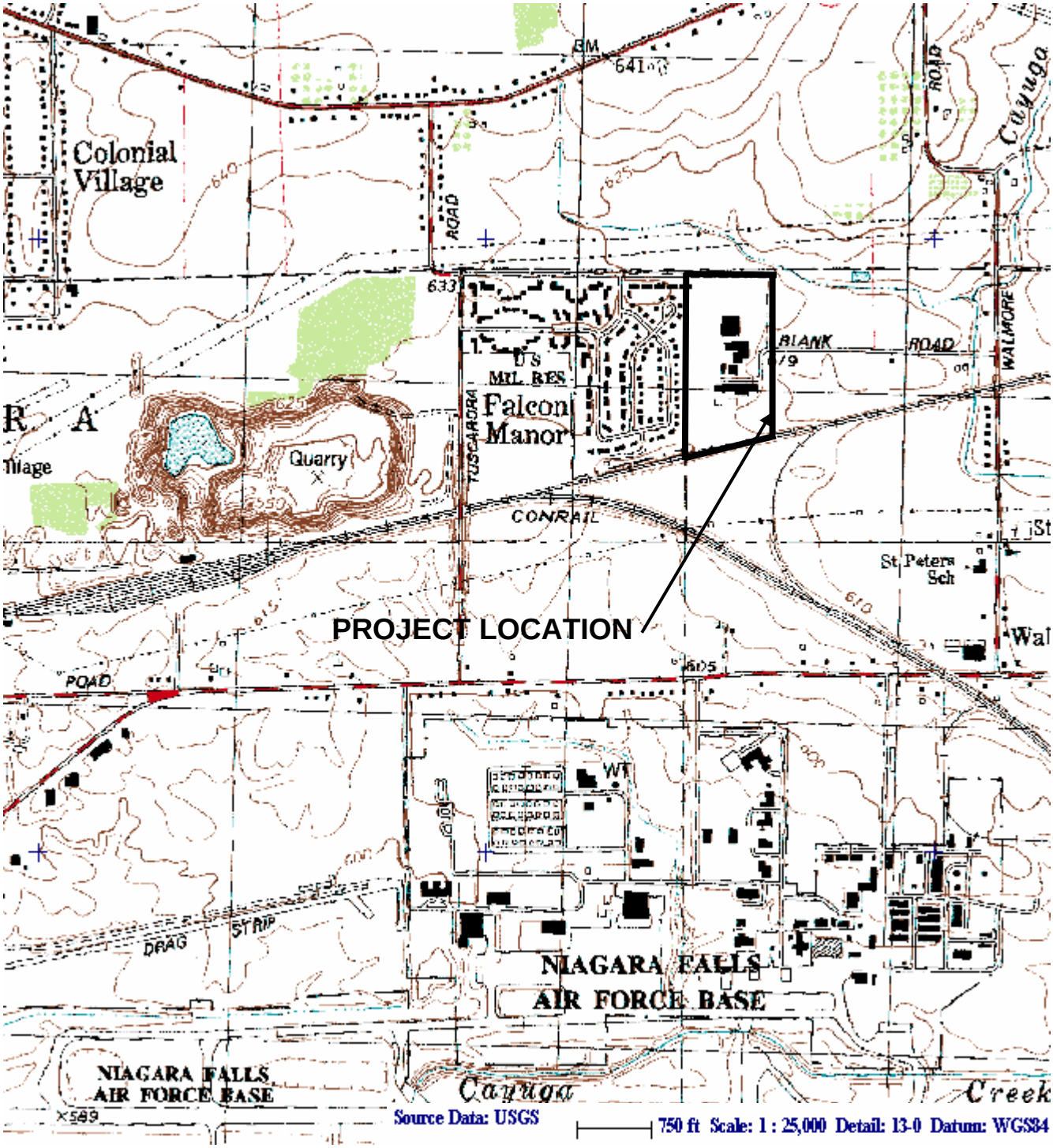
- Based on the data review described in this report, the laboratory analytical data are considered valid for their intended use.

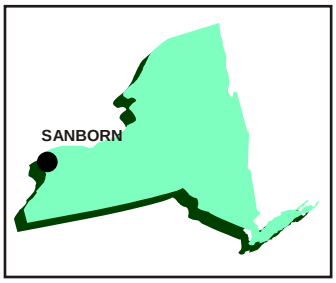
- To the extent possible, the groundwater recovery and treatment system was operated continuously throughout the reporting period. Uptime of the GRS for the quarter was 100 percent.

- Monthly DMRs were provided to NYSDEC. The discharge data were within the compliance parameters for each monthly reporting period. One report of noncompliance was submitted during the quarter. The report was submitted for missing the collection of a field measured pH reading during the February 29 weekly discharge sampling.

- Results for B-32M and B-41M were higher than concentrations of total VOCs and in particular TCE typically observed. Recovery well P-4 had a total VOC concentration lower than typically observed, but not the lowest historically observed. These three wells were sampled in April 2012 and will be sampled again in July 2012. During the July 2012 sampling event these wells and the wells surrounding them will be sampled to evaluate trends.

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

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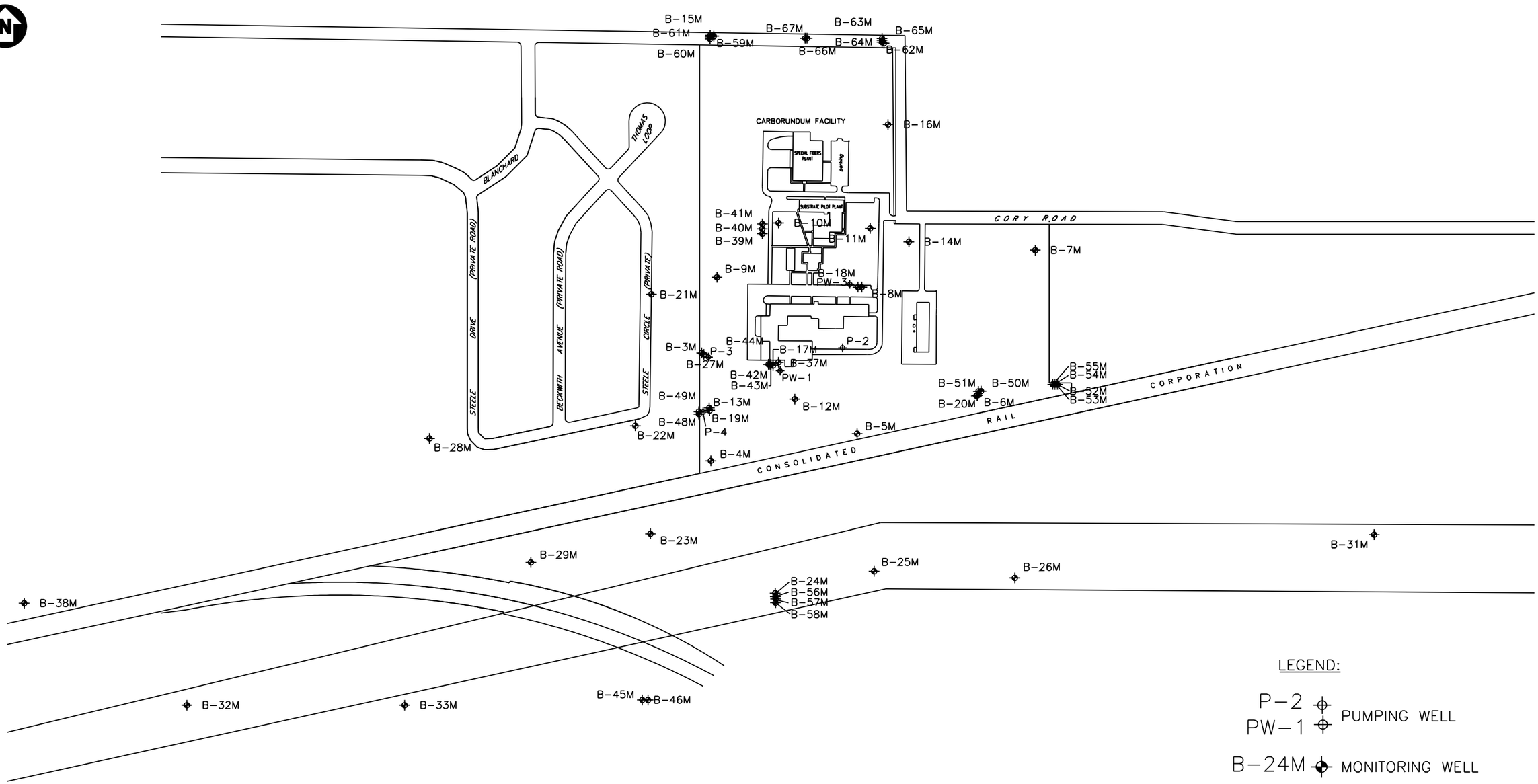

LEGEND:

P-2 ⊕ PUMPING WELL

PW-1 ⊕

B-24M ⊕ MONITORING WELL

400 200 0 400 800

SCALE: 1"=400'

FIGURE 2

ATLANTIC RICHFIELD COMPANY
FORMER CARBORUNDUM FACILITY

SITE PLAN

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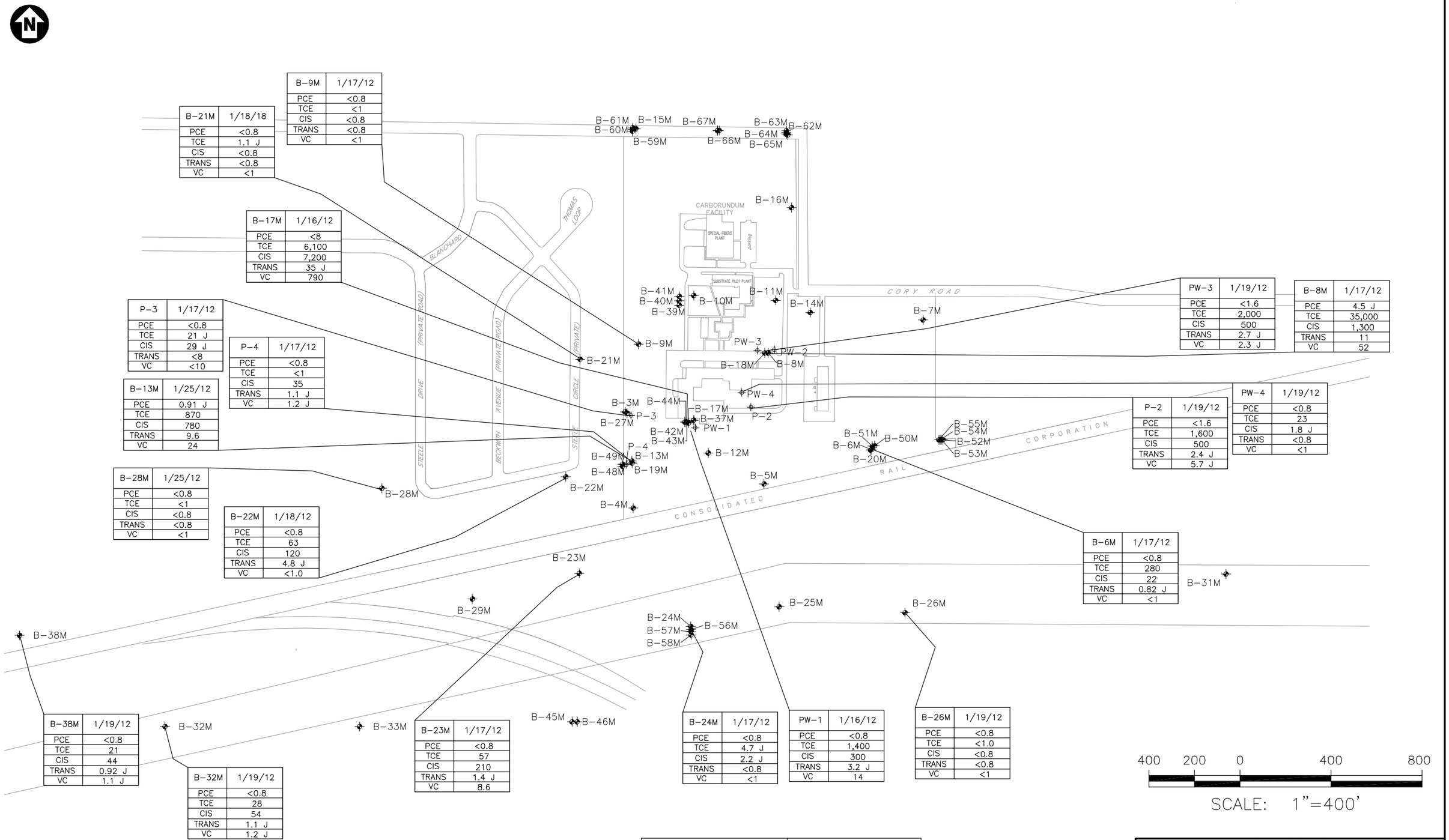
P:\\442951\CAD\\442951c-2.dwg, MAB, 1=1
No XREFs



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

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FIGURE 3

ATLANTIC RICHFIELD COMPANY
FORMER CARBORUNDUM FACILITY
SUMMARY OF VOC ANALYTICAL RESULTS IN TOP OF ROCK AND ZONE 1
JANUARY 2012 QUARTERLY SAMPLING EVENT

FILE NAME: P:\BP PROGRAM\447164-BP SANBORN\CAD\QUARTERLY FIGURES\JAN-2012\SK-447164-Q002(JAN 2012).DWG
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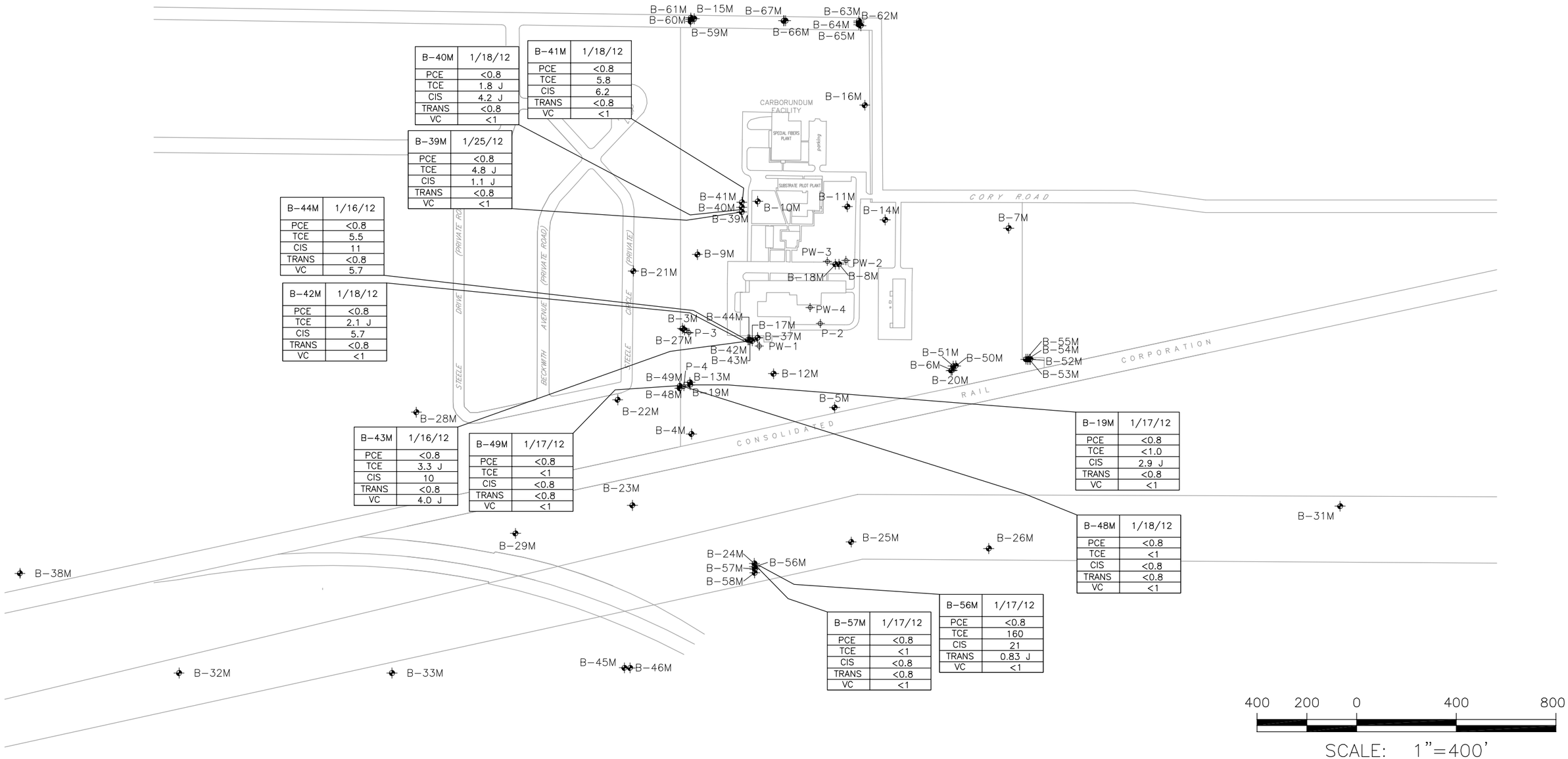

B-40M	1/18/12
PCE	<0.8
TCE	1.8 J
CIS	4.2 J
TRANS	<0.8
VC	<1

B-41M	1/18/12
PCE	<0.8
TCE	5.8
CIS	6.2
TRANS	<0.8
VC	<1

B-39M	1/25/12
PCE	<0.8
TCE	4.8 J
CIS	1.1 J
TRANS	<0.8
VC	<1

B-44M	1/16/12
PCE	<0.8
TCE	5.5
CIS	11
TRANS	<0.8
VC	5.7

B-42M	1/18/12
PCE	<0.8
TCE	2.1 J
CIS	5.7
TRANS	<0.8
VC	<1

B-43M	1/16/12
PCE	<0.8
TCE	3.3 J
CIS	10
TRANS	<0.8
VC	4.0 J

B-49M	1/17/12
PCE	<0.8
TCE	<1
CIS	<0.8
TRANS	<0.8
VC	<1

B-19M	1/17/12
PCE	<0.8
TCE	<1.0
CIS	2.9 J
TRANS	<0.8
VC	<1

B-48M	1/18/12
PCE	<0.8
TCE	<1
CIS	<0.8
TRANS	<0.8
VC	<1

B-57M	1/17/12
PCE	<0.8
TCE	<1
CIS	<0.8
TRANS	<0.8
VC	<1

B-56M	1/17/12
PCE	<0.8
TCE	160
CIS	21
TRANS	0.83 J
VC	<1

400 200 0 400 800

SCALE: 1"=400'

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

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FIGURE 4

ATLANTIC RICHFIELD COMPANY
FORMER CARBORUNDUM FACILITY
SUMMARY OF VOC ANALYTICAL RESULTS IN ZONES 2, 3, 4 & 5
JANUARY 2012 QUARTERLY SAMPLING EVENT

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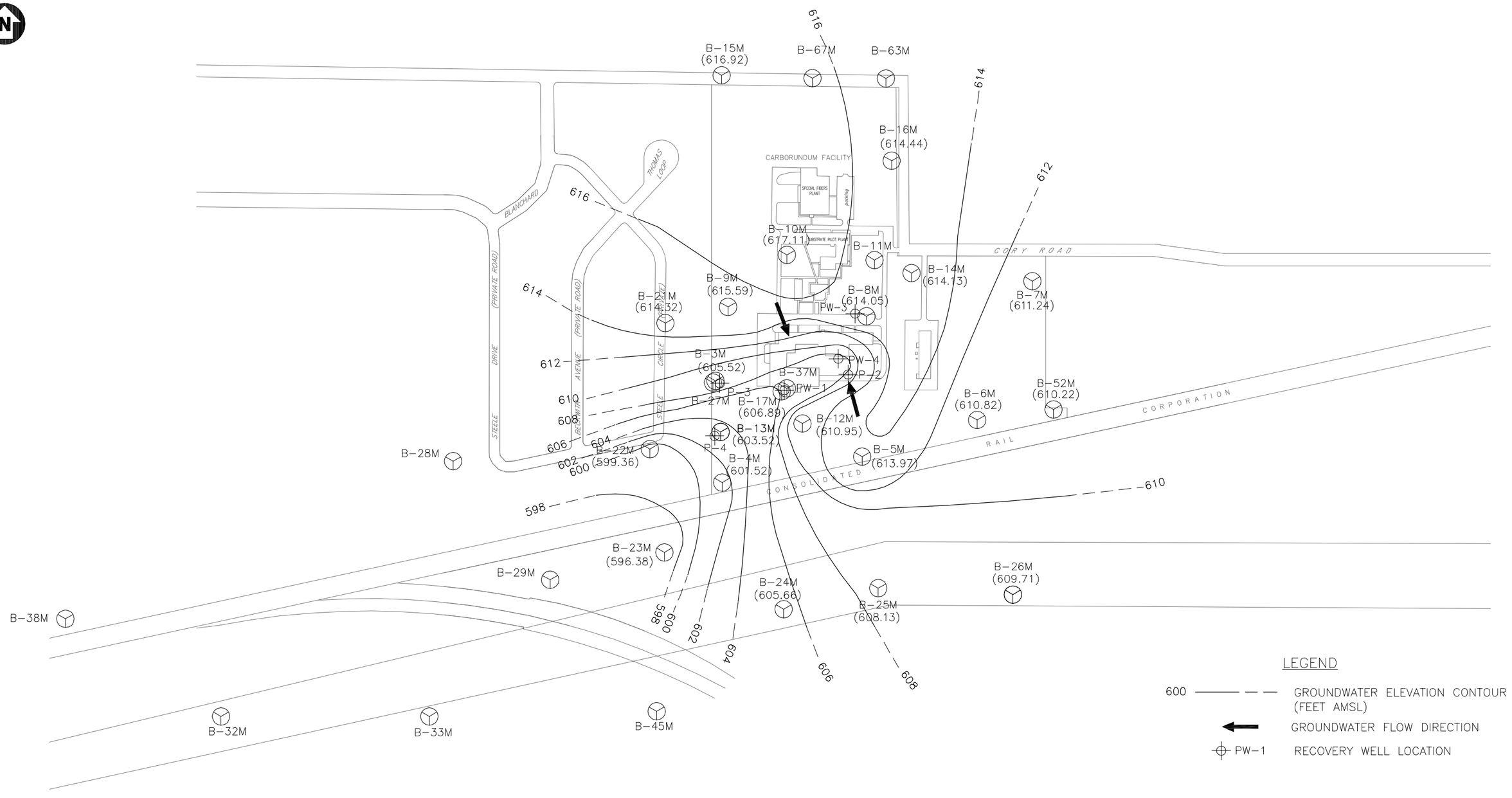

LEGEND

600 GROUNDWATER ELEVATION CONTOUR (FEET AMSL)

GROUNDWATER FLOW DIRECTION

PW-1 RECOVERY 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\447164-BP SANBORN\CAD\QUARTERLY FIGURES\JAN-2012\SK-447164-Q003(JAN 2012).DWG
PLOT DATE: 3/15/2012 1:25 PM PLOTTED BY: RUSSO, JILL

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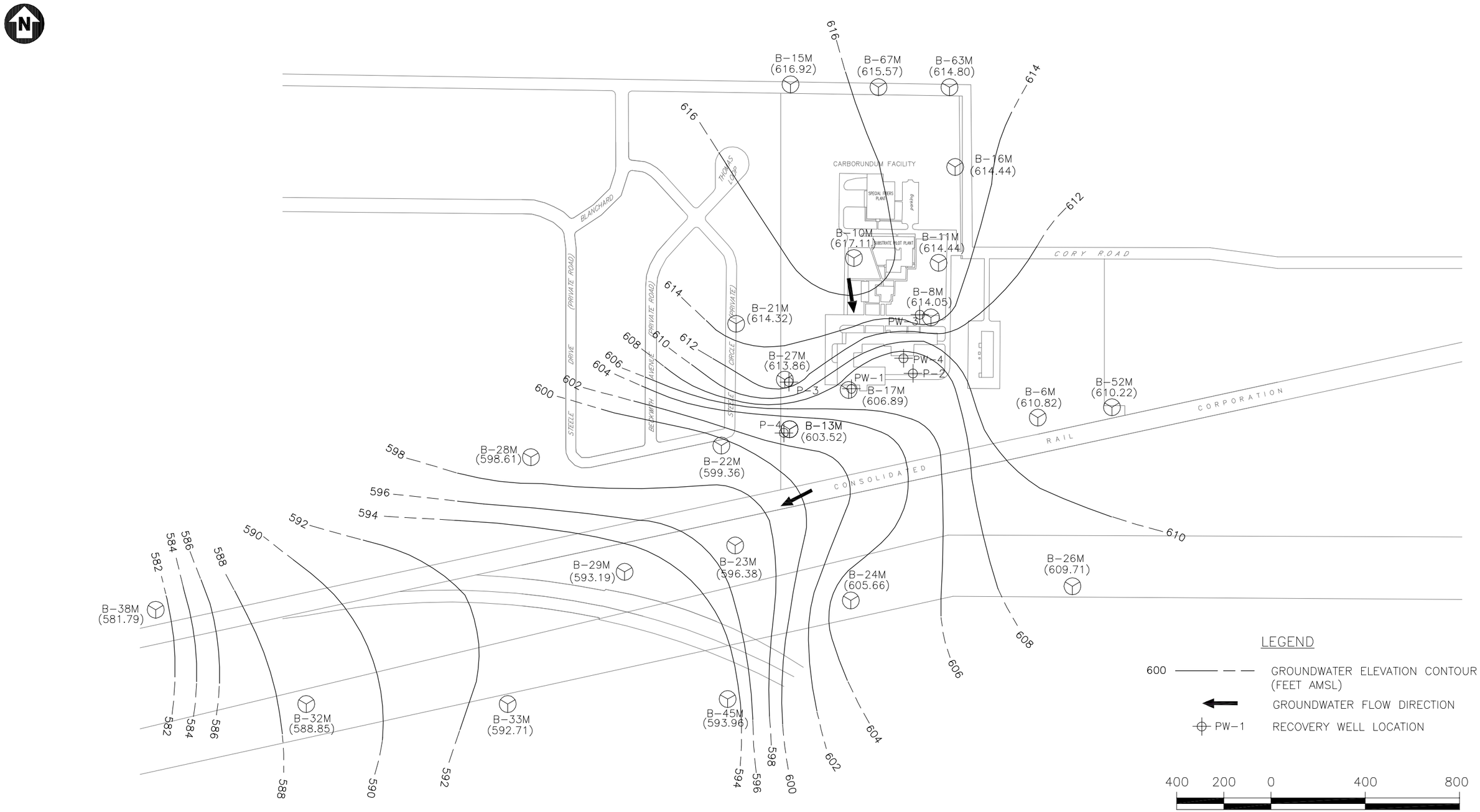
FIGURE 5

ATLANTIC RICHFIELD COMPANY
FORMER CARBORUNDUM FACILITY
GROUNDWATER ELEVATION
TOP OF ROCK – JANUARY 16, 2012



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\447164-BP SANBORN\CAD\QUARTERLY FIGURES\JAN-2012\SK-447164-Q001(JAN 2012).DWG
PLOT DATE: 3/5/2012 12:00 PM PLOTTED BY: RUSSO, JILL

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FIGURE 6

ATLANTIC RICHFIELD COMPANY
FORMER CARBORUNDUM FACILITY
GROUNDWATER ELEVATION
ZONE 1- JANUARY 16, 2012

TABLES

TABLE 1
MONTHLY GROUNDWATER ELEVATION DATA
JANUARY 2012
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	01/16/12	619.67	18.88	600.79	
P-3	01/16/12	627.35	25.51	601.84	
P-4	01/16/12	624.45	27.54	596.91	
PW-1	01/16/12	619.78	17.62	602.16	
PW-3	01/16/12	618.28	11.62	606.66	
PW-4	01/16/12	620.84	7.64	613.2	
B-3M	01/16/12	625.59	15.98	609.61	
B-4M	01/16/12	622.24	20.72	601.52	
B-5M	01/16/12	620.83	6.86	613.97	
B-6M	01/16/12	615.69	4.87	610.82	
B-7M	01/16/12	616.22	4.98	611.24	
B-8M	01/16/12	618.57	4.52	614.05	
B-9M	01/16/12	623.03	7.44	615.59	
B-10M	01/16/12	626.05	8.94	617.11	
B-11M	01/16/12	622.81	8.37	614.44	
B-12M	01/16/12	622.17	11.22	610.95	
B-13M	01/16/12	626.70	23.18	603.52	
B-14M	01/16/12	618.25	4.12	614.13	
B-15M	01/16/12	623.98	7.06	616.92	
B-16M	01/16/12	624.31	9.87	614.44	
B-17M	01/16/12	622.07	15.18	606.89	
B-18M	01/16/12	618.69	6.55	612.14	
B-19M	01/16/12	626.01	16.96	609.05	
B-20M	01/16/12	615.32	6.10	609.22	
B-21M	01/16/12	622.56	8.24	614.32	
B-22M	01/16/12	622.29	22.93	599.36	
B-23M	01/16/12	617.71	21.33	596.38	
B-24M	01/16/12	617.24	11.58	605.66	
B-25M	01/16/12	619.31	11.18	608.13	
B-26M	01/16/12	618.06	8.35	609.71	
B-27M	01/16/12	626.04	12.18	613.86	
B-28M	01/16/12	622.62	24.01	598.61	
B-29M	01/16/12	618.31	25.12	593.19	
B-31M	01/16/12	613.78	6.40	607.38	
B-32M	01/16/12	619.35	30.50	588.85	
B-33M	01/16/12	612.43	19.72	592.71	
B-37M	01/16/12	616.90	11.04	605.86	
B-38M	01/16/12	609.81	28.02	581.79	
B-39M	01/16/12	626.12	11.72	614.40	
B-40M	01/16/12	626.23	12.72	613.51	
B-41M	01/16/12	626.31	15.40	610.91	
B-42M	01/16/12	623.76	9.67	614.09	
B-43M	01/16/12	623.64	12.02	611.62	
B-44M	01/16/12	623.29	14.87	608.42	
B-45M	01/16/12	612.12	18.16	593.96	
B-46M	01/16/12	613.46	19.88	593.58	
B-48M	01/16/12	625.40	11.66	613.74	
B-49M	01/16/12	625.56	22.74	602.82	
B-50M	01/16/12	616.47	6.18	610.29	
B-51M	01/16/12	616.48		NA	Constriction in the well. Unable to drop the probe beyond ground level
B-52M	01/16/12	616.26	6.04	610.22	
B-53M	01/16/12	616.14	6.00	610.14	
B-54M	01/16/12	616.00	5.96	610.04	
B-55M	01/16/12	615.59	22.39	593.20	
B-56M	01/16/12	617.78	21.52	596.26	
B-57M	01/16/12	617.80	23.32	594.48	
B-58M	01/16/12	617.99	20.44	597.55	
B-59M	01/16/12	625.53	22.72	602.81	
B-60M	01/16/12	625.67	11.62	614.05	
B-61M	01/16/12	625.72	10.78	614.94	
B-62M	01/16/12	624.14	2.44	621.70	
B-63M	01/16/12	624.04	9.24	614.80	
B-64M	01/16/12	624.05	9.38	614.67	
B-65M	01/16/12	623.98	10.86	613.12	
B-66M	01/16/12	625.54	10.56	614.98	
B-67M	01/16/12	625.59	10.02	615.57	

TABLE 2
MONITORING WELL GROUNDWATER PURGING DATA
JANUARY 2012 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	1/19/12	9:30	619.67								Pumping well
P-3	1/17/12	8:05	627.35								Pumping well
P-4	1/17/12	8:15	624.45								Pumping well
PW-1	1/16/12	12:25	619.78								Pumping well
PW-3	1/19/12	9:20	618.28								Pumping well
PW-4	1/19/12	9:45	618.28								Pumping well
B-6M	1/17/12	14:30	615.69	3.76	611.93	19.15	15.39	2.61	13.5	4	
B-8M	1/17/12	8:35	618.57	3.29	615.28	17.81	14.52	2.47	13	4	
B-9M	1/17/12	9:15	623.03	6.94	616.09	21.16	14.22	2.42	12.5	4	
B-13M	1/25/12	10:17	617.20	22.13	595.07	36.00	13.87	2.36	12	4	
B-17M	1/16/12	11:45	622.07	15.14	606.93	26.02	10.88	1.85	9.5	4	
B-19M	1/16/12	14:55	626.01	17.04	608.97	66.20	49.16	8.40	42	5	resampled 1/17/12 1525 due to bottle breakage
B-21M	1/18/12	13:00	622.56	6.35	616.21	26.65	20.30	3.45	17.25	4	
B-22M	1/18/12	13:45	617.71	22.02	595.69	35.95	13.93	2.37	12	4	
B-23M	1/17/12	13:40	617.71	20.69	597.02	31.78	11.09	1.89	9.5	4	
B-24M	1/17/12	12:25	617.20	9.31	607.89	26.67	17.36	2.95	15	4	
B-26M	1/19/12	15:50	618.06	6.86	611.20	30.10	23.24	3.95	15	4	
B-28M	1/25/12	14:20	622.62	23.55	599.07	34.44	10.89	1.85	8	4	
B-32M	1/19/12	14:55	619.35	30.50	588.85	40.50	10.00	1.70	6	4	
B-38M	1/19/12	8:10	609.81	27.25	582.56	41.23	13.98	2.38	9.6	4	
B-39M	1/25/12	11:42	626.12	9.83	616.29	39.85	30.02	5.10	25.5	4	
B-40M	1/18/12	11:15	626.23	10.70	615.53	57.90	47.20	8.02	40	5	
B-41M	1/18/12	10:05	626.31	13.44	612.87	72.62	59.18	10.10	51	5	
B-42M	1/18/12	8:30	623.76	7.24	616.52	45.40	38.16	6.49	33	5	
B-43M	1/16/12	10:05	623.64	12.17	611.47	58.87	46.70	7.90	24	5	
B-44M	1/16/12	9:00	623.29	14.87	608.42	84.44	19.57	11.83	30	5	
B-48M	1/18/12	9:15	625.40	9.28	616.12	46.90	37.62	6.40	32	5	
B-49M	1/16/12	13:40	625.56	22.77	602.79	82.50	59.73	10.15	51	5	resampled 1/17/12 1525 due to bottle breakage
B-56M	1/17/12	11:30	617.78	20.67	597.11	39.61	18.94	3.22	17	5	
B-57M	1/17/12	10:40	617.80	23.12	594.68	50.57	27.45	4.66	9	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 2012 QUARTERLY SAMPLING EVENT
FORMER CARBORUNDUM COMPANY
WHEATFIELD, NEW YORK

Monitoring Well ID	Date	Time	pH (standard units)	Specific Conductance (uS/cm)	Temperature (deg C)	Turbidity (NTU)	Remarks
P-2	1/19/12	9:30	8.12	0.89	52.4	3.03	Pumping well
P-3	1/17/12	8:05	6.61	1.4	53.6	5.63	Pumping well
P-4	1/17/12	8:15	6.81	1.04	52.5	1.22	Pumping well
PW-1	1/16/12	12:25	52.2	0.76	7.3	7.36	Pumping well
PW-3	1/19/12	9:20	7.09	1.32	53.4	13.32	Pumping well
PW-4	1/19/12	9:45	7.64	0.69	52.3	2.48	Pumping well
B-6M	1/17/12	14:30	7.04	1.22	49.4	51	
B-8M	1/17/12	8:35	6.62	1.02	48.8	830	
B-9M	1/17/12	9:15	6.45	0.39	48.1	23.82	
B-13M	1/25/12	10:17	7.11	1.60	49.8	6.59	
B-17M	1/16/12	11:45	7.17	0.98	52.4	47.53	
B-19M	1/16/12	14:55	7.6	1.45	48.9	8.5	
B-21M	1/18/12	13:00	7.30	1.20	50.9	59.83	
B-22M	1/18/12	13:45	7.36	1.19	51.2	21	
B-23M	1/17/12	13:40	7.05	1.07	50.8	44.94	
B-24M	1/17/12	12:25	6.94	0.87	50.2	11.46	
B-26M	1/19/12	15:50	7.71	1.15	47.2	4.28	
B-28M	1/25/12	14:20	7.02	1.23	51.3	>1529	
B-32M	1/19/12	14:55	7.19	1.20	40.2	7	
B-38M	1/19/12	8:10	6.77	1.16	48.0	43.83	
B-39M	1/25/12	11:42	7.56	1.00	49.7	7.45	
B-40M	1/18/12	11:15	6.71	1.41	48.2	3.27	
B-41M	1/18/12	10:05	6.71	0.48	48.1	12.67	
B-42M	1/18/12	8:30	6.89	0.82	48.3	6.98	
B-43M	1/16/12	10:05	7.13	1.25	50.2	3.26	
B-44M	1/16/12	9:00	6.96	2.26	52.0	6.81	
B-48M	1/18/12	9:15	6.5	0.84	45.7	11.27	
B-49M	1/16/12	13:40	7.14	2.72	50.5	20.10	
B-56M	1/17/12	11:30	6.89	1.04	50.4	99	
B-57M	1/17/12	10:40	6.75	2.05	50.1	17.95	

TABLE 4
MONITORING WELL GROUNDWATER ANALYTCIAL RESULT SUMMARY
JANUARY 2012 QUARTERLY SAMPLING EVENT
FORMER CARBORUNDUM COMPANY
SANBORN, NEW YORK

Well Id	Sample Date	Lab Sample ID	Carbon Tetrachloride ug/l	Chloro-form ug/l	1,1-Dichloro-ethane ug/l	1,1-Dichloro-ethene ug/l	Methyl-ene chloride ug/l	trans-1,2-Dichloro-ethene ug/l	cis-1,2-Dichloro-ethene ug/l	total-1,2-Dichloro-ethene ug/l	1,1,1-Trichloro-ethane ug/l	Trichloro-ethene ug/l	Vinyl chloride ug/l	Tetrachloro-ethene ug/l
P-2	6527711	1/19/2012	< 2.0	< 1.6	82	22	< 4.0	2.4 J	500	502.4	560	1600	5.7 J	< 1.6
P-3	6524421	1/17/2012	< 10	< 8.0	< 10	< 8.0	< 20	< 8.0	29 J	29	< 8.0	21 J	< 10	< 8.0
P-4	6524420	1/17/2012	< 1.0	< 0.80	< 1.0	< 0.80	< 2.0	1.1 J	35	36.1	< 0.80	< 1.0	1.2 J	< 0.80
PW-1	6523838	1/16/2012	< 1.0	< 0.80	8.6	2.4 J	< 2.0	3.2 J	300	303.2	4.9 J	1400	14	< 0.80
PW-3	6527712	1/19/2012	< 2.0	< 1.6	< 2.0	2.3 J	< 4.0	2.7 J	500	502.7	< 1.6	2000	2.3 J	< 1.6
PW-4	6527713	1/19/2012	< 1.0	< 0.80	< 1.0	< 0.80	< 2.0	< 0.80	1.8 J	1.8	< 0.80	23	< 1.0	< 0.80
B- 6M	6524419	1/17/2012	< 1.0	< 0.80	< 1.0	< 0.80	< 2.0	0.82 J	22	22.82	< 0.80	280	< 1.0	< 0.80
B- 8M	6524424	1/17/2012	< 1.0	< 0.80	< 1.0	9.7	< 2.0	11	1300	1311	< 0.80	35000	52	4.5 J
B- 9M	6524423	1/17/2012	< 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	6532442	1/25/2012	< 1.0	< 0.80	47	10	< 2.0	9.6	780	789.6	5.2	870	24	0.91 J
B-17M	6523837	1/16/2012	< 10	< 8.0	130	40 J	< 20	35 J	7200	7235	21 J	6100	790	< 8.0
B-19M	6524429	1/17/2012	< 1.0	< 0.80	< 1.0	< 0.80	< 2.0	< 0.80	2.9 J	2.9	< 0.80	< 1.0	< 1.0	< 0.80
B-21M	6526481	1/18/2012	< 1.0	< 0.80	< 1.0	< 0.80	< 2.0	< 0.80	< 0.80	< 0.80	< 0.80	1.1 J	< 1.0	< 0.80
B-22M	6526482	1/18/2012	< 1.0	< 0.80	1.2 J	< 0.80	< 2.0	4.8 J	120	124.8	< 0.80	63	< 1.0	< 0.80
B-23M	6524418	1/17/2012	< 1.0	< 0.80	1.7 J	< 0.80	< 2.0	1.4 J	210	211.4	< 0.80	57	8.6	< 0.80
B-24M	6524417	1/17/2012	< 1.0	< 0.80	< 1.0	< 0.80	< 2.0	< 0.80	2.2 J	2.2	< 0.80	4.7 J	< 1.0	< 0.80
B-26M	6527708	1/19/2012	< 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-28M	6532444	1/25/2012	< 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-32M	6527709	1/19/2012	< 1.0	< 0.80	1.1 J	< 0.80	< 2.0	1.1 J	54	55.1	< 0.80	28	1.2 J	< 0.80
B-38M	6527710	1/19/2012	< 1.0	< 0.80	< 1.0	< 0.80	< 2.0	0.92 J	44	44.92	< 0.80	21	1.1 J	< 0.80
B-39M	6532443	1/25/2012	< 1.0	< 0.80	< 1.0	< 0.80	< 2.0	< 0.80	1.1 J	1.1	< 0.80	4.8 J	< 1.0	< 0.80
B-40M	6526477	1/18/2012	< 1.0	< 0.80	< 1.0	< 0.80	< 2.0	< 0.80	4.2 J	4.2	< 0.80	1.8 J	< 1.0	< 0.80
B-41M	6526476	1/18/2012	< 1.0	< 0.80	< 1.0	< 0.80	< 2.0	< 0.80	6.2	6.2	< 0.80	5.8	< 1.0	< 0.80
B-42M	6526475	1/18/2012	< 1.0	< 0.80	< 1.0	< 0.80	< 2.0	< 0.80	5.7	5.7	< 0.80	2.1 J	< 1.0	< 0.80
B-43M	6523836	1/16/2012	< 1.0	< 0.80	< 1.0	< 0.80	< 2.0	< 0.80	10	10	< 0.80	3.3 J	4.0 J	< 0.80
B-44M	6523835	1/16/2012	< 1.0	< 0.80	8.6	< 0.80	< 2.0	< 0.80	11	11	< 0.80	5.5	5.7	< 0.80
B-48M	6526474	1/18/2012	< 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-49M	6524428	1/17/2012	< 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	6524416	1/17/2012	< 1.0	< 0.80	< 1.0	< 0.80	< 2.0	0.83 J	21	21.83	< 0.80	160	< 1.0	< 0.80
B-57M	6524415	1/17/2012	< 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 2012
GROUNDWATER REMEDIAL SYSTEM PERFORMANCE SUMMARY
Former Carborundum Facility
Wheatfield, New York

Well	Category	Units	January 2012	February 2012	March 2012
		Days	31	29	31
P-2					
	Uptime	(%)	100%	100%	100%
	Average Flow	(gpm)	2.04	2.04	1.47
	Total Flow	(gal)	92,373	85,714	74,955
	VOC Concentration	(ppb)	2,108	2,108	2,108
	Total Contaminant Removed	(lbs)	1.6	1.5	1.3
	% of Total Flow		2.02%	2.11%	1.60%
P-3					
	Uptime	(%)	100%	100%	100%
	Average Flow	(gpm)	0.02	0.01	0.01
	Total Flow	(gal)	661	674	609
	VOC Concentration	(ppb)	50.	50.	50.
	Total Contaminant Removed	(lbs)	0.0	0.0	0.0
	% of Total Flow		0.01%	0.02%	0.01%
P-4					
	Uptime	(%)	100%	100%	100%
	Average Flow	(gpm)	1.58	1.44	1.17
	Total Flow	(gal)	63,276	70,145	59,420
	VOC Concentration	(ppb)	37.3	37.3	37.3
	Total Contaminant Removed	(lbs)	0.0	0.0	0.0
	% of Total Flow		1.38%	1.72%	1.27%
PW-1					
	Uptime	(%)	100%	100%	100%
	Average Flow	(gpm)	28.22	28.2	28.3
	Total Flow	(gal)	1,259,735	1,201,345	1,257,869
	VOC Concentration	(ppb)	1,717.	1,717.	1,717.
	Total Contaminant Removed	(lbs)	18.0	17.2	18.0
	% of Total Flow		27.55%	29.54%	26.82%
PW-3					
	Uptime	(%)	100%	100%	100%
	Average Flow	(gpm)	0.35	0.34	0.2
	Total Flow	(gal)	17,430	13,954	12,836
	VOC Concentration	(ppb)	2,505.	2,505.	2,505.
	Total Contaminant Removed	(lbs)	0.4	0.3	0.3
	% of Total Flow		0.38%	0.34%	0.27%
PW-4					
	Uptime	(%)	100%	100%	100%
	Average Flow	(gpm)	70.0	68.38	70.0
	Total Flow	(gal)	3,138,642	2,694,985	3,284,736
	VOC Concentration	(ppb)	24.8	24.8	24.8
	Total Contaminant Removed	(lbs)	0.6	0.6	0.7
	% of Total Flow		68.65%	66.27%	70.03%
GRS Total					
	Uptime	(%)	100%	100%	100%
	Average Flow	(gpm)	88.3	87.6	82.4
	Total Flow-Mechanical Effluent Meter	(gal)	3,939,655	3,511,094	4,088,863
	VOCs to Influent	(ppm)	554	554	541
	Total Contaminant Removed	(lbs)	18.2	16.2	18.5

Notes:
1. For the period of 1/01/12 to 3/31/12.
2. Uptime estimated and reflects potential uptime.
3. Flow rates are estimated throughout the period due to meter malfunctions.
4. Total contaminant removed from each well is calculated using the flow through the meter at the w
5. VOC Concentration (ina given well) equals the sum of the compounds cis-1,2-DCE, trans-1,2-DC
6. GRS total contaminant removed is based on the percentage of flow through the effluent meter.
7. Total flow measured at the ewll 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: 1/17/12	Time Started: 1430	Field Personnel: RC Becken
Weather Conditions: light rain cold			
Comments:			

Initial Readings

Measured Well Bottom (TOR - ft) 19.15	Riser Pipe Diameter (in) 2 in.			
Measured Water Level (TOR - ft) 3.76	Conversion Factor (gal/lineal ft)	1.25" = 0.08	2" = 0.17	3" = 0.38
Calculated Water Column Height (ft) 15.39	(Circle One)	4" = 0.66	6" = 1.50	8" = 2.60
One Well Volume (gals.) 2.61	FiveWell Volumes (gals.) 1305			
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
2.61	2.5	47.9	1.96	879	
	5.0	49.7	1.66	1000+	
	7.5	50.2	1.47	1000+	
	10				

Comments: Amount purged 13.5 gal

Sampling Information

Date: 1/17/12	Time Sampled: 1500	Field Personnel:	R C Becken
Measured Water Level (TOR ft.):			

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

Sample I.D.	Temperature (deg C)	pH (S.U.)	Specific Conductivity (mS/cm)	Turbidity (NTU's)	Comments
B-6	49.4	7.04	1.22	51	

QA/QC Samples Taken: Field Dup 1A

Comments:

Signature

Sampler (Print): Richard C. Becken	Sampler (signature): Richard C Becken	Date: 1/17/12

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

Monitoring Well I.D.: B-8	Date: 1/17/12	Time Started: 0834	Field Personnel: RC Becken
Weather Conditions: light rain cool overcast			
Comments:			

Initial Readings

Measured Well Bottom (TOR - ft) 17.81	Riser Pipe Diameter (in) 2 in.			
Measured Water Level (TOR - ft) 3.29	Conversion Factor (gal/lineal ft)	1.25" = 0.08	2" = 0.17	3" = 0.38
Calculated Water Column Height (ft) 14.52	(Circle One)	4" = 0.66	6" = 1.50	8" = 2.60
One Well Volume (gals.) 2.468	FiveWell Volumes (gals.) 12.34			

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
2.47	~2.5	48.9	1.06	141	
	~5.0	50.1	1.03	135	
	~7.5	50.6	1.04	685	
	~10	50.3	1.03	151	

Comments: Amount purged 13 gal

Sampling Information

Date: 1/17/12	Time Sampled: 0900	Field Personnel:	R C Becken
Measured Water Level (TOR ft.): 4.41			

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-8	48.8	6.62	1.02	830	

QA/QC Samples Taken: MS + MSD

Comments:

Signature

Sampler (Print): Richard C. Becken	Sampler (signature): Richard C Becken	Date: 1/17/12

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

Monitoring Well I.D.: B-9	Date: 1/17/12	Time Started: 0915	Field Personnel: RC Becken
Weather Conditions: light rain overnight, cool			
Comments:			

Initial Readings

Measured Well Bottom (TOR - ft) 21.16	Riser Pipe Diameter (in) 2 in.			
Measured Water Level (TOR - ft) 6.94	Conversion Factor (gal/lineal ft)	1.25" = 0.08	(2" = 0.17)	3" = 0.38
Calculated Water Column Height (ft) 14.22	(Circle One)	4" = 0.66	6" = 1.50	8" = 2.60
One Well Volume (gals.) 2.42	FiveWell Volumes (gals.) 12.1			
Notes:				

Well Conditions

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

Purge Information

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

Well Volume	Gallons Purged (gal)	Temperature (deg C)	Specific Conductivity (mS/cm)	Turbidity (NTU's)	Comments
2.42	~2.5	46.5	0.39	51.32	
	~5	47.6	0.38	31.54	
	~7.5	48.0	0.39	25.85	
	~10	48.3	0.40	28.31	

Comments: Amount purged 12.5 gal

Sampling Information

Date: 1/17/12	Time Sampled: 0945	Field Personnel:	R C Becken
Measured Water Level (TOR ft.): 7.1			

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-9	48.1	6.45	0.39	23.82	

QA/QC Samples Taken: Field Dup #2
Comments:

Signature

Sampler (Print): Richard C. Becken	Sampler (signature): Richard C Becken	Date: 1/17/12

Parsons Corporation
MONITORING WELL SAMPLING FIELD FORM
BP, Sanborn, NY

Monitoring Well I.D.: B-13M	Date: 01/25/12	Time Started: 1017	Field Personnel: D Desai ~~RG Becker~~ R. Purvis
Weather Conditions: 30F Cloudy, Snow/flurries.			
Comments:			

Initial Readings

Measured Well Bottom (TOR - ft)	36.00	Riser Pipe Diameter (in)	2 in.	
Measured Water Level (TOR - ft)	22.13	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.)	11.79		
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 °F ~~(deg C)~~	Specific Conductivity (mS/cm)	Turbidity (NTU's)	pH	Comments
3	3	50.2	1.53	29.97	7.04	
6	6	48.9	1.55	17.35	7.18	
9	9	48.7	1.62	10.15	7.14	

Comments: Amount purged 12

Sampling Information

Date: 01/25/12 Time Sampled: 1105 Field Personnel: DD, RP

Measured Water Level (TOR ft.):

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

Sample ID	Temperature (deg C)	pH (S.U.)	Specific Conductivity (mS/cm)	Turbidity (NTUs)	Comments
B-13	49.8	7.11	1.60	6.59	

QA/QC Samples Taken:

Comments:

Signature

Sampler (Print):	*Sampler (signature):*	Date:

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

Monitoring Well I.D.: B-17	Date: 1/16/12	Time Started: 1145	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) 15.14	Conversion Factor (gal/lineal ft)	1.25" = 0.08	(2" = 0.17)	3" = 0.38
Calculated Water Column Height (ft) 10.88	(Circle One)	4" = 0.66	6" = 1.50	8" = 2.60
One Well Volume (gals.) 1.85	FiveWell Volumes (gals.) 9.25			
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
1.85	~1.9	51.4	1.15	6.92	
	~3.8	52.3	1.15	7.6	
	~5.7	53	1.04	6.6	

Comments: Amount purged 9.5 gal

Sampling Information

Date: 1/16/12	Time Sampled: 1225	Field Personnel: R C Becken	
Measured Water Level (TOR ft.): 22.37			

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	52.4	7.17	0.98	47.53	

QA/QC Samples Taken:
Comments:

Signature

Sampler (Print): Richard C. Becken	Sampler (signature): Richard C Becken	Date: 1/16/12

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

Monitoring Well I.D.: B-19	Date: 11/16/12	Time Started: 1455	Field Personnel: RC Becken
Weather Conditions: clear cold			
Comments:			

Initial Readings

Measured Well Bottom (TOR - ft) 66.2	Riser Pipe Diameter (in) 2 in.			
Measured Water Level (TOR - ft) 17.04	Conversion Factor (gal/lineal ft)	1.25" = 0.08	2" = 0.17	3" = 0.38
Calculated Water Column Height (ft) 49.16	(Circle One)	4" = 0.66	6" = 1.50	8" = 2.60
One Well Volume (gals.) 8.4	FiveWell Volumes (gals.) 42			
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
8.4	~8.4	50.3	1.56	2.75	
	~16.8	50.58	1.59	1.87	
	25.2	48.9	1.30	1.0	
	32.6	50.1	1.54	1.38	

Comments: Amount purged 42 gal

Sampling Information

Date: 11/16/12	Time Sampled: 1530	Field Personnel:	R C Becken
Measured Water Level (TOR ft.): 19.49			

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-19	48.9	7.6	1.45	8.5	

QA/QC Samples Taken:
Comments: Resampled on 11/17/12 at 1525 due to bottle breakage

Signature

Sampler (Print): Richard C. Becken	Sampler (signature): Richard C Becken	Date: 11/16/12	

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

Monitoring Well I.D.: B-21	Date: 1/18/12	Time Started: 1300	Field Personnel: RC Becken
Weather Conditions: cold sunny			
Comments:			

Initial Readings

Measured Well Bottom (TOR - ft) 26.65	Riser Pipe Diameter (in) 2 in.			
Measured Water Level (TOR - ft) 6.35	Conversion Factor (gal/lineal ft)	1.25" = 0.08	(2" = 0.17)	3" = 0.38
Calculated Water Column Height (ft) 20.30	(Circle One)	4" = 0.66	6" = 1.50	8" = 2.60
One Well Volume (gals.) 3.45	FiveWell Volumes (gals.) 17.25			
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
3.45	3.5	47.1	1.02	317	
	7.0	51.0	1.21	42	
	10.5	52.4	1.22	7	
	13.5	52.9	1.23	49.9	

Comments: Amount purged 17.25

Sampling Information

Date: 1/18/12	Time Sampled: 1335	Field Personnel:	R C Becken
Measured Water Level (TOR ft.): 6.91			

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

Sample I.D.	Temperature (deg C)	pH (S.U.)	Specific Conductivity (mS/cm)	Turbidity (NTU's)	Comments
B-21	50.7	7.30	1.20	59.93	

QA/QC Samples Taken:

Comments:

Signature

Sampler (Print): Richard C. Becken	Sampler (signature): Richard C Becken	Date: 1/18/12	

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

Monitoring Well I.D.: B-22	Date: 11/18/12	Time Started: 1345	Field Personnel: RC Becken
Weather Conditions: sunny cold			
Comments:			

Initial Readings

Measured Well Bottom (TOR - ft) 35.95	Riser Pipe Diameter (in) 2 in.				
Measured Water Level (TOR - ft) 22.02	Conversion Factor (gal/lineal ft)	1.25" = 0.08	(2" = 0.17)	3" = 0.38	
Calculated Water Column Height (ft) 13.93	(Circle One)	4" = 0.66	6" = 1.50	8" = 2.60	
One Well Volume (gals.) 2.37	FiveWell Volumes (gals.) 11.85				

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	50.2	1.05	50.51	
	~5.0	52.9	1.15	43.92	
	~7.5	53.2	1.18	25.15	
	~10	53.4	1.15	22.42	

Comments: Amount purged 12 gal

Sampling Information

Date: 11/18/12	Time Sampled: 1425	Field Personnel:	R C Becken
Measured Water Level (TOR ft.): 22.02			

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	~~5.51.2~~	7.36	1.19	21	
	5.51.2				

QA/QC Samples Taken:

Comments:

Signature

Sampler (Print): Richard C. Becken	Sampler (signature): Richard C Becken	Date: 11/18/12

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

Monitoring Well I.D.: B-23	Date: 1/17/12	Time Started: 1340	Field Personnel: RC Becken
Weather Conditions: rain overcast cold			
Comments:			

Initial Readings

Measured Well Bottom (TOR - ft) 31.78	Riser Pipe Diameter (in) 2 in.			
Measured Water Level (TOR - ft) 20.69	Conversion Factor (gal/lineal ft)	1.25" = 0.08	(2" = 0.17)	3" = 0.38
Calculated Water Column Height (ft) 11.09	(Circle One)	4" = 0.66	6" = 1.50	8" = 2.60
One Well Volume (gals.) 1.89	FiveWell Volumes (gals.) 9.43			
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
1.89	~2	49.9	1.14	3635	
	~4	51.3	1.10	63.58	
	~6	51.2	1.09	47.35	
	~8	51.4	1.07	39.9	

Comments: Amount purged 9.5 gal

Sampling Information

Date: 1/17/12	Time Sampled: 1410	Field Personnel:	R C Becken
Measured Water Level (TOR ft.): 20.62			

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-23	50.8	7.05	1.07	44.94	

QA/QC Samples Taken:

Comments:

Signature

Sampler (Print): Richard C. Becken	Sampler (signature): Richard C Becken	Date: 1/17/12

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

Monitoring Well I.D.:	B-24	Date:	1/17/12	Time Started:	1225
Field Personnel:	RC Becken				
Weather Conditions:	rain overcast cool				
Comments:					

Initial Readings

Measured Well Bottom (TOR - ft)	26.67	Riser Pipe Diameter (in)	2 in.		
Measured Water Level (TOR - ft)	9.31	Conversion Factor (gal/lineal ft)	1.25" = 0.08	2" = 0.17	3" = 0.38
Calculated Water Column Height (ft)	17.36	(Circle One)	4" = 0.66	6" = 1.50	8" = 2.60
One Well Volume (gals.)	2.95	FiveWell Volumes (gals.)	14.8		

Notes:

Well Conditions

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

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

Other:

Purge Information

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

Well Volume	Gallons Purged (gal)	Temperature (deg C)	Specific Conductivity (mS/cm)	Turbidity (NTU's)	Comments
2.95	3	49.7	0.88	27.94	
	6	50.2	0.87	19.97	
	9	50.3	0.87	18.85	
	12	50.6	0.86	19.3	

Comments: 15 gal purge?

Sampling Information

Date:	1/17/12	Time Sampled:	1315	Field Personnel:	R C Becken
Measured Water Level (TOR ft.):	9.27				

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

Sample ID	Temperature (deg C)	pH (S.U.)	Specific Conductivity (mS/cm)	Turbidity (NTU's)	Comments
B-24	50.2	6.94	0.87	11.46	

QA/QC Samples Taken:

Comments:

Signature

Sampler (Print): Richard C. Becken	Sampler (signature): Richard C Becken	Date: 1/17/12

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

B-26

Monitoring Well I.D.: ~~B-32A~~	Date: 01/19/12	Time Started: 1350	Field Personnel: Devanshu ~~RC Becken~~ Rob P
Weather Conditions:			
Comments:			

Initial Readings

Measured Well Bottom (TOR - ft)		Riser Pipe Diameter (in)	2 in.		
Measured Water Level (TOR - ft)	6.96	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)	pH	Comments
	3	42.9	1.24	17.98	7.35	
	6	43.3	1.17	9.72	7.34	
	9	35.1	0.15	6.01	7.46	
	12	[illegible]	0.55	4.12	7.22	0.95 Stable

Comments: Amount purged 15

Sampling Information

Date: 01/19/12	Time Sampled: 1630	Field Personnel:	~~R C Becken~~ Devanshu Dosaj; Rob Pinnels

Measured Water Level (TOR ft.):

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

Sample ID	Temperature (deg C)	pH (S.U.)	Specific Conductivity (mS/cm)	Turbidity (NTU's)	Comments
	47.2	7.71	1.15	4.28	

QA/QC Samples Taken:

Comments:

Signature

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

Parsons Corporation
MONITORING WELL SAMPLING FIELD FORM
BP, Sanborn, NY

Monitoring Well I.D.: B-28	Date: 01/25/2012	Time Started: 1420	Field Personnel: RC Becken
Weather Conditions:			
Comments:			

Initial Readings

Measured Well Bottom (TOR - ft)	34.44	Riser Pipe Diameter (in)	2 in.		
Measured Water Level (TOR - ft)	23.55	Conversion Factor (gal/lineal ft)		1.25" = 0.08	2" = 0.17	3" = 0.38
Calculated Water Column Height (ft)	10.89	(Circle One)		4" = 0.66	6" = 1.50	8" = 2.60
One Well Volume (gals.)	1.85	FiveWell Volumes (gals.)	9.25			
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 °F ~~deg C~~	Specific Conductivity (mS/cm)	Turbidity (NTU's)	pH	Comments
	2	48.7	1.19	>1042	7.04	
	4	49.0	1.26	>1035	7.05	
	6	50.8	1.25	-	7.01	
	8	50.7	1.22	>1529	7.02	

Comments: Amount purged

Sampling Information

Date:	Time Sampled: 1452	Field Personnel:
Measured Water Level (TOR ft.):		

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

Sample I.D.	Temperature (deg C)	pH (S.U.)	Specific Conductivity (mS/cm)	Turbidity (NTU's)	Comments
	51.3	7.02	1.23	>1529	

QA/QC Samples Taken:
Comments:

Signature

Sampler (Print):	*Sampler (signature):*	Date:

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

B-32

Monitoring Well I.D.: ~~B-26AA~~	Date: 01/19/12	Time Started:	Field Personnel: Devanshu ~~RC Becken~~ Rob. P
Weather Conditions:			
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 F (deg C)	Specific Conductivity (mS/cm)	Turbidity (NTU's)	pH	Comments
1.5	1.5	46.7	1.53	31	7.07	
3	3	47.5	1.3	56.51	7.08	
4.5	4.5	46.0	1.31	72.47	7.13 7.05	DGD
6	6	45.9	1.23	61.96	7.04	

Comments: Amount purged

Sampling Information

Date: 01/19/12 Time Sampled: 1455 Field Personnel: ~~R C Becken~~ Devanshu Desai, Rob Piurek
Measured Water Level (TOR ft.):
Sampling Method (Circle one): Stainless Steel Bailer Peristaltic Pump Sample Port (Pumping Wells Only)
Teflon Bailer (Polyethylene Bailer) Other:

Sample I.D	Temperature (deg C)	pH (S.U.)	Specific Conductivity (mS/cm)	Turbidity (NTU's)	Comments
B-26M	40.2	7.19	1.20	7	

QA/QC Samples Taken:
Comments:

Signature

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

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

Monitoring Well I.D.: B-38	Date: 11/19/12	Time Started: 810	Field Personnel: RC Becken
Weather Conditions: overcast windy cold			
Comments:			

Initial Readings

Measured Well Bottom (TOR - ft) 41.23	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) 13.98	(Circle One)	4" = 0.66	6" = 1.50	8" = 2.60
One Well Volume (gals.) 2.38	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
2.38	~2.4	51.8	1.11	54.91	
	~4.8	50.1	1.19	80.75	
	~7.3	50.2	1.10	51.07	
	~9.6	50.1	1.14	59.0	

Comments: Amount purged

Sampling Information

Date: 11/19/12	Time Sampled: 845	Field Personnel:	R C Becken
Measured Water Level (TOR ft.): 27.25			

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-58	48.0	6.77	1.16	43.83	

QA/QC Samples Taken:
Comments:

Signature

Sampler (Print): Richard C. Becken	Sampler (signature): Richard C Becken	Date: 11/19/12

Parsons Corporation
MONITORING WELL SAMPLING FIELD FORM
BP, Sanborn, NY

Monitoring Well I.D.: B-39	Date: 01/25/12	Time Started: 1442	Field Personnel: DD, ~~RO Becker~~ RP
Weather Conditions:			
Comments:			

Initial Readings

Measured Well Bottom (TOR - ft)	39.85	Riser Pipe Diameter (in)	2 in.		
Measured Water Level (TOR - ft)	9.83	Conversion Factor (gal/lineal ft)	1.25" = 0.08	2" = 0.17	3" = 0.38
Calculated Water Column Height (ft)	30.02	(Circle One)	4" = 0.66	6" = 1.50	8" = 2.60
One Well Volume (gals.)	5.1034	FiveWell Volumes (gals.)	25.51		
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 °F (deg C)	Specific Conductivity (mS/cm)	Turbidity (NTU's)	pH	Comments
6	6	44.3	1.13	15.01	7.63	
12	12	48.5	0.99	14.10	7.55	
18	18	48.2	1.00	9.51	7.16	
24	24	48.9	0.98	8.26	7.18	

Comments: Amount purged 25.50

Sampling Information

Date: 01/25/12	Time Sampled: 1235	Field Personnel: DD, RP
Measured Water Level (TOR ft.):		

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

Sample I.D.	Temperature (deg C)	pH (S.U.)	Specific Conductivity (mS/cm)	Turbidity (NTU's)	Comments
B-39	49.7	7.56	1.00	7.45	

QA/QC Samples Taken:

Comments:

Signature

Sampler (Print):	*Sampler (signature):*	Date:

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

Monitoring Well I.D.: B-40	Date: 1/18/12	Time Started: 1115	Field Personnel: RC Becken
Weather Conditions: light snow cold windy			
Comments:			

Initial Readings

Measured Well Bottom (TOR - ft) 57.9	Riser Pipe Diameter (in) 2 in.			
Measured Water Level (TOR - ft) 10.7	Conversion Factor (gal/lineal ft)	1.25" = 0.08	(2" = 0.17)	3" = 0.38
Calculated Water Column Height (ft) 47.2	(Circle One)	4" = 0.66	6" = 1.50	8" = 2.60
One Well Volume (gals.) 8.02	FiveWell Volumes (gals.) 40			

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
8.02	8	47.5	1.39	5.44	
	16	48.3	1.10	2.57	
	24	50.1	1.00	2.69	
	32	50.0	0.98	1.98	

Comments: Amount purged 40 gal

Sampling Information

Date: 1/18/12	Time Sampled: 1250	Field Personnel: R C Becken	
Measured Water Level (TOR ft.): 37.18			

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

Sample ID	Temperature (deg C)	pH (S.U.)	Specific Conductivity (mS/cm)	Turbidity (NTU's)	Comments
B-40	48.2	6.71	1.41	3.27	

QA/QC Samples Taken: MS, MSD

Comments:

Signature

Sampler (Print): Richard C. Becken	Sampler (signature): Richard C Becken	Date: 1/18/12	

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

Monitoring Well I.D.: B-41	Date: 1/18/12	Time Started: 1005	Field Personnel: RC Becken
Weather Conditions: cold windy light snow			
Comments:			

Initial Readings

Measured Well Bottom (TOR - ft) 72.62	Riser Pipe Diameter (in) 2 in.			
Measured Water Level (TOR - ft) 13.44	Conversion Factor (gal/lineal ft)	1.25" = 0.08	(2" = 0.17)	3" = 0.38
Calculated Water Column Height (ft) 59.18	(Circle One)	4" = 0.66	6" = 1.50	8" = 2.60
One Well Volume (gals.) 10.1	FiveWell Volumes (gals.) 50.5			

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
10.1	10	45.6	0.78	13.91	
	20	49.8	0.55	3.52	
	30	50.0	0.58	2.45	
	40	49.9	0.63	2.0	

Comments: Amount purged 51.4 gal

Sampling Information

Date: 1/18/12	Time Sampled: 1113	Field Personnel:	R C Becken
Measured Water Level (TOR ft.): 22.75			

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-41	48.1	6.71	0.48	12.67	

QA/QC Samples Taken: Field Dup #3

Comments:

Signature

Sampler (Print): Richard C. Becken	Sampler (signature): Richard C Becken	Date: 1/18/12	

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

Monitoring Well I.D.: B-42	Date: 1/18/12	Time Started: 0930	Field Personnel: RC Becken
Weather Conditions: windy cold snow			
Comments: Redo, first sample done on 1/16/12 broken in shipment			

Initial Readings

Measured Well Bottom (TOR - ft)	45.4	Riser Pipe Diameter (in)	2 in.		
Measured Water Level (TOR - ft)	7.24	Conversion Factor (gal/lineal ft)	1.25" = 0.08	2" = 0.17	3" = 0.38
Calculated Water Column Height (ft)	38.16	(Circle One)	4" = 0.66	6" = 1.50	8" = 2.60
One Well Volume (gals.)	6.49	FiveWell Volumes (gals.)	32.4		

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 (NTUs)	Comments
6.49	6.5	54.3	0.9	19.32	
	13	53.9	0.97	9.07	
	19.5	53.7	0.98	5.54	
	26	53.7	0.98	5.26	

Comments: Amount purged 33 gal

Sampling Information

Date: 1/18/12	Time Sampled: 0905	Field Personnel:	R C Becken
Measured Water Level (TOR ft.): 7.26			

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	48.3	6.39	0.82	1.98	

QA/QC Samples Taken:

Comments:

Signature

Sampler (Print):	Richard C. Becken	Sampler (signature):	Date: 1/18/12

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

Monitoring Well I.D.: B-43	Date: 1/16/12	Time Started: 1005	Field Personnel: RC Becken
Weather Conditions: clear cold			
Comments:			

Initial Readings

Measured Well Bottom (TOR - ft) 58.57	Riser Pipe Diameter (in) 2 in.			
Measured Water Level (TOR - ft) 12.17	Conversion Factor (gal/lineal ft)	1.25" = 0.08	2" = 0.17	3" = 0.38
Calculated Water Column Height (ft) 46.7	(Circle One)	4" = 0.66	6" = 1.50	8" = 2.60
One Well Volume (gals.) 7.9	FiveWell Volumes (gals.) 39.7			
Notes:				

Well Conditions

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

Purge Information

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

Well Volume	Gallons Purged (gal)	Temperature (deg C)	Specific Conductivity (mS/cm)	Turbidity (NTU's)	Comments
7.9	~8	51.3	1.59	3.61	
	~16	51.5	1.57	5.73	
	~24	50.1	2.01	7.89	well dry

Comments: Amount purged ~24

Sampling Information

Date: 1/16/12	Time Sampled: 11:20	Field Personnel: R C Becken
Measured Water Level (TOR ft.): 36.85		

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	50.2	7.13	1.25	3.26	

QA/QC Samples Taken:
Comments:

Signature

Sampler (Print): Richard C. Becken	*Sampler (signature):* Richard C Becken	Date: 1/16/12

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

Monitoring Well I.D.: B44	Date: 11/6/12	Time Started: 0900	Field Personnel: RC Becken
Weather Conditions: clear cold			
Comments:			

Initial Readings

Measured Well Bottom (TOR - ft)	81.44	Riser Pipe Diameter (in)	2 in.		
Measured Water Level (TOR - ft)	14.87	Conversion Factor (gal/lineal ft)	1.25" = 0.08	2" = 0.17	3" = 0.38
Calculated Water Column Height (ft)	66.57	(Circle One)	4" = 0.66	6" = 1.50	8" = 2.60
One Well Volume (gals.)	11.83	FiveWell Volumes (gals.)	59.15		

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
11.83	~12	49.4	2.44	16	
	~24	49.5	2.73	5.11	
	~30	49.2	2.60	33.93	well dry

Comments: Amount purged ~30

Sampling Information

Date: 11/6/12	Time Sampled: 1135	Field Personnel:	R C Becken
Measured Water Level (TOR ft.): 62.53			

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
B44	52.0	6.96	2.26	6.81	

QA/QC Samples Taken:

Comments:

Signature

Sampler (Print):	Richard C. Becken	Sampler (signature):	Date: 11/6/12

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

Monitoring Well I.D.: B-48	Date: 1/18/12	Time Started: 0715	Field Personnel: RC Becken
Weather Conditions: Light snow windy ~20			
Comments:			

Initial Readings

Measured Well Bottom (TOR - ft) 46.7	Riser Pipe Diameter (in) 2 in.			
Measured Water Level (TOR - ft) 9.28	Conversion Factor (gal/lineal ft)	1.25" = 0.08	(2" = 0.17)	3" = 0.38
Calculated Water Column Height (ft) 37.42	(Circle One)	4" = 0.66	6" = 1.50	8" = 2.60
One Well Volume (gals.) 6.4	FiveWell Volumes (gals.) 32			

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
6.4	~6.5	45.4	0.30	22.74	
	~13	49.6	0.36	7.57	
	~19.5	50.3	0.37	4.48	
	~26	50.6	0.36	2.35	

Comments: Amount purged 32 gal

Sampling Information

Date: 1/18/12	Time Sampled: 0755	Field Personnel:	R C Becken
Measured Water Level (TOR ft.): 7.4			

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	45.7	6.5	0.34	11.27	

QA/QC Samples Taken:

Comments:

Signature

Sampler (Print): Richard C. Becken	Sampler (signature): Richard C Becken	Date: 1/18/12	

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

Monitoring Well I.D.: B-49	Date: 1/16/12	Time Started: 1340	Field Personnel: RC Becken
Weather Conditions: clear cold			
Comments:			

Initial Readings

Measured Well Bottom (TOR - ft) 82.5	Riser Pipe Diameter (in) 2 in.			
Measured Water Level (TOR - ft) 22.77	Conversion Factor (gal/lineal ft)	1.25" = 0.08	(2" = 0.17)	3" = 0.38
Calculated Water Column Height (ft) 59.73	(Circle One)	4" = 0.66	6" = 1.50	8" = 2.60
One Well Volume (gals.) 10.15	FiveWell Volumes (gals.) 50.7			
Notes:				

Well Conditions

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

Purge Information

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

Well Volume	Gallons Purged (gal)	Temperature (deg C)	Specific Conductivity (mS/cm)	Turbidity (NTU's)	Comments
10.15	~10	49.5	2.53	12.19	
	~20	50.9	2.85	6.13	
	~30	50.7	2.81	2.15	
	~40	50.8	2.82	2.68	

Comments: Amount purged 51 gal

Sampling Information

Date: 1/16/12	Time Sampled: 1450	Field Personnel: R C Becken	
Measured Water Level (TOR ft.): 31.85			

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-49	50.5	7.14	2.72	20.10	

QA/QC Samples Taken: resampled at 1445 on 1/17/12 due to bottle breakage
Comments:

Signature

Sampler (Print): Richard C. Becken	Sampler (signature): Richard C Becken	Date: 1/16/12

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

Monitoring Well I.D.: B-56	Date: 1/17/12	Time Started: 1130	Field Personnel: RC Becken
Weather Conditions: rain cool overcast			
Comments:			

Initial Readings

Measured Well Bottom (TOR - ft) 39.61	Riser Pipe Diameter (in) 2 in.			
Measured Water Level (TOR - ft) 20.67	Conversion Factor (gal/lineal ft)	1.25" = 0.08	(2" = 0.17)	3" = 0.38
Calculated Water Column Height (ft) 18.94	(Circle One)	4" = 0.66	6" = 1.50	8" = 2.60
One Well Volume (gals.) 3.22	FiveWell Volumes (gals.) 16.1			
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
3.22	~3.5	50.6	1.39	42	
	~7	50.7	1.02	37.7	
	~10.5	50.0	0.93	15.76	
	~14	50.8	0.88	8.96	

Comments: Amount purged 17 gal

Sampling Information

Date: 1/17/12	Time Sampled: 12:15	Field Personnel:	R C Becken
Measured Water Level (TOR ft.): 23.1			

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

Sample ID	Temperature (deg C)	pH (S.U.)	Specific Conductivity (mS/cm)	Turbidity (NTU's)	Comments
B-56	50.4	6.89	1.04	9.93	

QA/QC Samples Taken:
Comments:

Signature

Sampler (Print):	Richard C. Becken	*Sampler (signature):* Richard C Becken	Date: 1/17/12

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

Monitoring Well I.D.: B-57	Date: 1/17/12	Time Started: 1040	Field Personnel: RC Becken
Weather Conditions: rain cool overcast			
Comments:			

Initial Readings

Measured Well Bottom (TOR - ft) 50.57	Riser Pipe Diameter (in) 2 in.			
Measured Water Level (TOR - ft) 23.12	Conversion Factor (gal/lineal ft)	1.25" = 0.08	2" = 0.17	3" = 0.38
Calculated Water Column Height (ft) 27.45	(Circle One)	4" = 0.66	6" = 1.50	8" = 2.60
One Well Volume (gals.) 4.66	FiveWell Volumes (gals.) 23.33			
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
4.66	4.5	50.2	2.22	12.9	
	9	50.1	2.33	28.56	well dry
	13.5				
	18				

Comments: Amount purged 9 gal

Sampling Information

Date: 1/17/12	Time Sampled: 1325	Field Personnel: R C Becken	
Measured Water Level (TOR ft.): 35.13			

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	50.1	6.75	2.05	17.95	

QA/QC Samples Taken:

Comments:

Signature

Sampler (Print): Richard C. Becken	Sampler (signature): Richard C Becken	Date: 1/17/12

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

Monitoring Well I.D.: P-2	Date: 1/19/12	Time Started: 930	Field Personnel: RC Becken
Weather Conditions: windy cold			
Comments:			

Initial Readings

Measured Well Bottom (TOR - ft)	Riser Pipe Diameter (in) 8 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: 1/19/12	Time Sampled: 930	Field Personnel:	R C Becken
Measured Water Level (TOR ft.):	19.33		

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	52.4	8.12	0.89	5.03	

QA/QC Samples Taken:

Comments:

Signature

Sampler (Print): Richard C. Becken	Sampler (signature): Richard C Becken	Date: 1/19/12

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

Monitoring Well I.D.: P-3	Date: 1/17/12	Time Started: 0805	Field Personnel: RC Becken
Weather Conditions: rain cool overcast			
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: 1/17/12	Time Sampled: 0805	Field Personnel: R C Becken
Measured Water Level (TOR ft.): 26.96		

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

Sample ID	Temperature (deg C)	pH (S.U.)	Specific Conductivity (mS/cm)	Turbidity (NTU's)	Comments
P-3	53.6	6.61	1.40	5.65	

QA/QC Samples Taken:
Comments:

Signature

Sampler (Print): Richard C. Becken	Sampler (signature): Richard C Becken	Date: 1/17/12

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

Monitoring Well I.D.: P-4	Date: 1/17/12	Time Started: 0815	Field Personnel: RC Becken
Weather Conditions: light rain cool overcast			
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: 1/17/12	Time Sampled: 0815	Field Personnel:	R C Becken
Measured Water Level (TOR ft.):	27.52		

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-4	52.5	6.81	1.04	1.22	

QA/QC Samples Taken:
Comments:

Signature

Sampler (Print): Richard C. Becken	Sampler (signature): Richard C Becken	Date: 1/17/12

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

Monitoring Well I.D.: PW-1	Date: 1/16/12	Time Started: 1225	Field Personnel: RC Becken
Weather Conditions: clear cold			
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: Amount purged

Sampling Information

Date: 1/16/12	Time Sampled: 1225	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 ID	Temperature (deg C)	pH (S.U.)	Specific Conductivity (mS/cm)	Turbidity (NTU's)	Comments
PW-1	7.30	52.2	0.76	7.36	

QA/QC Samples Taken: MS + MSD
Comments:

Signature

Sampler (Print):	Richard C. Becken	Sampler (signature):	Date: 1/16/12

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

Monitoring Well I.D.: PW-3	Date: 11/9/12	Time Started: 920	Field Personnel: RC Becken
Weather Conditions:			
Comments:			

Initial Readings

Measured Well Bottom (TOR - ft)	Riser Pipe Diameter (in)	6 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: 11/9/12	Time Sampled: 920	Field Personnel: R C Becken
Measured Water Level (TOR ft.): 14.87		

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

Sample I.D.	Temperature (deg C)	pH (S.U.)	Specific Conductivity (mS/cm)	Turbidity (NTU's)	Comments
PW-3	53.4	7.09	1.32	13.32	

QA/QC Samples Taken:
Comments:

Signature

Sampler (Print): Richard C. Becken	Sampler (signature): Richard C Becken	Date: 11/9/12

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

Monitoring Well I.D.: PW-4	Date: 1/19/12	Time Started: 0945	Field Personnel: RC Becken
Weather Conditions: overcast cold windy			
Comments:			

Initial Readings

Measured Well Bottom (TOR - ft)	Riser Pipe Diameter (in) 6in.			
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: 1/19/12 Time Sampled: 0945 Field Personnel: R C Becken

Measured Water Level (TOR ft.): 5.46

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
PW-4	52.3	7.64	0.69	2.48	

QA/QC Samples Taken:

Comments:

Signature

Sampler (Print): Richard C. Becken	Sampler (signature): Richard C. Becken	Date: 1/19/12

APPENDIX B

LABORATORY DATA REPORTS

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

Analysis Report

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 23, 2012

Project: BP Sanborn

Submittal Date: 01/17/2012
Group Number: 1285352
PO Number: D00B4-0001
Release Number: BARBER
State of Sample Origin: NY

Client Sample Description	Lancaster Labs (LLI) #
B-44 Water	6523835
B-43 Water	6523836
B-17 Water	6523837
PW-1 Water	6523838
PW-1 Matrix Spike Water	6523839
PW-1 Matrix Spike Dup Water	6523840

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

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

Questions? Contact your Client Services Representative
Kaitlin N Plasterer at (717) 656-2300 Ext. 1815

Respectfully Submitted,

Robin C. Runkle
Senior Specialist

eurofins | Lancaster Laboratories

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

Analysis Report

Sample Description: B-44 Water
BP Sanborn COC: 187569
2040 Cory Drive - Sanborn, NY B-44

LLI Sample # WW 6523835
LLI Group # 1285352
Account # 12495

Project Name: BP Sanborn

Collected: 01/16/2012 11:35 by RCB

Submitted: 01/17/2012 09:05
Reported: 01/23/2012 19:39

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

--B44

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	
10903	Benzyl Chloride	100-44-7	N.D.	1.0	5.0	1
10903	Bromobenzene	108-86-1	N.D.	1.0	5.0	1
10903	Bromodichloromethane	75-27-4	N.D.	1.0	5.0	1
10903	Bromoform	75-25-2	N.D.	1.0	5.0	1
10903	Bromomethane	74-83-9	N.D.	1.0	5.0	1
10903	Carbon Tetrachloride	56-23-5	N.D.	1.0	5.0	1
10903	Chlorobenzene	108-90-7	N.D.	0.80	5.0	1
10903	Chloroethane	75-00-3	N.D.	1.0	5.0	1
10903	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.					
10903	Chloroform	67-66-3	N.D.	0.80	5.0	1
10903	Chloromethane	74-87-3	N.D.	1.0	5.0	1
10903	Dibromochloromethane	124-48-1	N.D.	1.0	5.0	1
10903	Dibromomethane	74-95-3	N.D.	1.0	5.0	1
10903	1,2-Dichlorobenzene	95-50-1	N.D.	1.0	5.0	1
10903	1,3-Dichlorobenzene	541-73-1	N.D.	1.0	5.0	1
10903	1,4-Dichlorobenzene	106-46-7	N.D.	1.0	5.0	1
10903	Dichlorodifluoromethane	75-71-8	N.D.	2.0	5.0	1
10903	1,1-Dichloroethane	75-34-3	8.6	1.0	5.0	1
10903	1,2-Dichloroethane	107-06-2	N.D.	1.0	5.0	1
10903	1,1-Dichloroethene	75-35-4	N.D.	0.80	5.0	1
10903	cis-1,2-Dichloroethene	156-59-2	11	0.80	5.0	1
10903	trans-1,2-Dichloroethene	156-60-5	N.D.	0.80	5.0	1
10903	1,2-Dichloropropane	78-87-5	N.D.	1.0	5.0	1
10903	cis-1,3-Dichloropropene	10061-01-5	N.D.	1.0	5.0	1
10903	trans-1,3-Dichloropropene	10061-02-6	N.D.	1.0	5.0	1
10903	Methylene Chloride	75-09-2	N.D.	2.0	5.0	1
10903	1,1,1,2-Tetrachloroethane	630-20-6	N.D.	1.0	5.0	1
10903	1,1,2,2-Tetrachloroethane	79-34-5	N.D.	1.0	5.0	1
10903	Tetrachloroethene	127-18-4	N.D.	0.80	5.0	1
10903	1,1,1-Trichloroethane	71-55-6	N.D.	0.80	5.0	1
10903	1,1,2-Trichloroethane	79-00-5	N.D.	0.80	5.0	1
10903	Trichloroethene	79-01-6	5.5	1.0	5.0	1
10903	Trichlorofluoromethane	75-69-4	N.D.	2.0	5.0	1
10903	1,2,3-Trichloropropane	96-18-4	N.D.	1.0	5.0	1
10903	Vinyl Chloride	75-01-4	5.7	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

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

Analysis Report

Sample Description: B-44 Water
BP Sanborn COC: 187569
2040 Cory Drive - Sanborn, NY B-44

LLI Sample # WW 6523835
LLI Group # 1285352
Account # 12495

Project Name: BP Sanborn

Collected: 01/16/2012 11:35 by RCB

Submitted: 01/17/2012 09:05
Reported: 01/23/2012 19:39

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

--B44

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
10903	VOCs 8260 Parsons Specs List	SW-846 8260B	1	T120191AA	01/19/2012 04:17	Angela D Sneeringer	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	T120191AA	01/19/2012 04:17	Angela D Sneeringer	1

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

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Analysis Report

Sample Description: B-43 Water
BP Sanborn COC: 187569
2040 Cory Drive - Sanborn, NY B-43

LLI Sample # WW 6523836
LLI Group # 1285352
Account # 12495

Project Name: BP Sanborn

Collected: 01/16/2012 11:20 by RCB

Submitted: 01/17/2012 09:05
Reported: 01/23/2012 19:39

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

--B42

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	
10903	Benzyl Chloride	100-44-7	N.D.		1.0	5.0	1
10903	Bromobenzene	108-86-1	N.D.		1.0	5.0	1
10903	Bromodichloromethane	75-27-4	N.D.		1.0	5.0	1
10903	Bromoform	75-25-2	N.D.		1.0	5.0	1
10903	Bromomethane	74-83-9	N.D.		1.0	5.0	1
10903	Carbon Tetrachloride	56-23-5	N.D.		1.0	5.0	1
10903	Chlorobenzene	108-90-7	N.D.		0.80	5.0	1
10903	Chloroethane	75-00-3	N.D.		1.0	5.0	1
10903	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.						
10903	Chloroform	67-66-3	N.D.		0.80	5.0	1
10903	Chloromethane	74-87-3	N.D.		1.0	5.0	1
10903	Dibromochloromethane	124-48-1	N.D.		1.0	5.0	1
10903	Dibromomethane	74-95-3	N.D.		1.0	5.0	1
10903	1,2-Dichlorobenzene	95-50-1	N.D.		1.0	5.0	1
10903	1,3-Dichlorobenzene	541-73-1	N.D.		1.0	5.0	1
10903	1,4-Dichlorobenzene	106-46-7	N.D.		1.0	5.0	1
10903	Dichlorodifluoromethane	75-71-8	N.D.		2.0	5.0	1
10903	1,1-Dichloroethane	75-34-3	N.D.		1.0	5.0	1
10903	1,2-Dichloroethane	107-06-2	N.D.		1.0	5.0	1
10903	1,1-Dichloroethene	75-35-4	N.D.		0.80	5.0	1
10903	cis-1,2-Dichloroethene	156-59-2	10		0.80	5.0	1
10903	trans-1,2-Dichloroethene	156-60-5	N.D.		0.80	5.0	1
10903	1,2-Dichloropropane	78-87-5	N.D.		1.0	5.0	1
10903	cis-1,3-Dichloropropene	10061-01-5	N.D.		1.0	5.0	1
10903	trans-1,3-Dichloropropene	10061-02-6	N.D.		1.0	5.0	1
10903	Methylene Chloride	75-09-2	N.D.		2.0	5.0	1
10903	1,1,1,2-Tetrachloroethane	630-20-6	N.D.		1.0	5.0	1
10903	1,1,2,2-Tetrachloroethane	79-34-5	N.D.		1.0	5.0	1
10903	Tetrachloroethene	127-18-4	N.D.		0.80	5.0	1
10903	1,1,1-Trichloroethane	71-55-6	N.D.		0.80	5.0	1
10903	1,1,2-Trichloroethane	79-00-5	N.D.		0.80	5.0	1
10903	Trichloroethene	79-01-6	3.3	J	1.0	5.0	1
10903	Trichlorofluoromethane	75-69-4	N.D.		2.0	5.0	1
10903	1,2,3-Trichloropropane	96-18-4	N.D.		1.0	5.0	1
10903	Vinyl Chloride	75-01-4	4.0	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

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Analysis Report

Sample Description: B-43 Water
BP Sanborn COC: 187569
2040 Cory Drive - Sanborn, NY B-43

LLI Sample # WW 6523836
LLI Group # 1285352
Account # 12495

Project Name: BP Sanborn

Collected: 01/16/2012 11:20 by RCB

Submitted: 01/17/2012 09:05
Reported: 01/23/2012 19:39

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

--B42

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
10903	VOCs 8260 Parsons Specs List	SW-846 8260B	1	T120191AA	01/19/2012 04:41	Angela D Sneeringer	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	T120191AA	01/19/2012 04:41	Angela D Sneeringer	1

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

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Analysis Report

Sample Description: B-17 Water
BP Sanborn COC: 187569
2040 Cory Drive - Sanborn, NY B-17

LLI Sample # WW 6523837
LLI Group # 1285352
Account # 12495

Project Name: BP Sanborn

Collected: 01/16/2012 12:25 by RCB

Submitted: 01/17/2012 09:05
Reported: 01/23/2012 19:39

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

--B17

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	
10903	Benzyl Chloride	100-44-7	N.D.		10	50	10
10903	Bromobenzene	108-86-1	N.D.		10	50	10
10903	Bromodichloromethane	75-27-4	N.D.		10	50	10
10903	Bromoform	75-25-2	N.D.		10	50	10
10903	Bromomethane	74-83-9	N.D.		10	50	10
10903	Carbon Tetrachloride	56-23-5	N.D.		10	50	10
10903	Chlorobenzene	108-90-7	N.D.		8.0	50	10
10903	Chloroethane	75-00-3	N.D.		10	50	10
10903	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.						
10903	Chloroform	67-66-3	N.D.		8.0	50	10
10903	Chloromethane	74-87-3	N.D.		10	50	10
10903	Dibromochloromethane	124-48-1	N.D.		10	50	10
10903	Dibromomethane	74-95-3	N.D.		10	50	10
10903	1,2-Dichlorobenzene	95-50-1	N.D.		10	50	10
10903	1,3-Dichlorobenzene	541-73-1	N.D.		10	50	10
10903	1,4-Dichlorobenzene	106-46-7	N.D.		10	50	10
10903	Dichlorodifluoromethane	75-71-8	N.D.		20	50	10
10903	1,1-Dichloroethane	75-34-3	130		10	50	10
10903	1,2-Dichloroethane	107-06-2	N.D.		10	50	10
10903	1,1-Dichloroethene	75-35-4	40	J	8.0	50	10
10903	cis-1,2-Dichloroethene	156-59-2	7,200		80	500	100
10903	trans-1,2-Dichloroethene	156-60-5	35	J	8.0	50	10
10903	1,2-Dichloropropane	78-87-5	N.D.		10	50	10
10903	cis-1,3-Dichloropropene	10061-01-5	N.D.		10	50	10
10903	trans-1,3-Dichloropropene	10061-02-6	N.D.		10	50	10
10903	Methylene Chloride	75-09-2	N.D.		20	50	10
10903	1,1,1,2-Tetrachloroethane	630-20-6	N.D.		10	50	10
10903	1,1,2,2-Tetrachloroethane	79-34-5	N.D.		10	50	10
10903	Tetrachloroethene	127-18-4	N.D.		8.0	50	10
10903	1,1,1-Trichloroethane	71-55-6	21	J	8.0	50	10
10903	1,1,2-Trichloroethane	79-00-5	N.D.		8.0	50	10
10903	Trichloroethene	79-01-6	6,100		100	500	100
10903	Trichlorofluoromethane	75-69-4	N.D.		20	50	10
10903	1,2,3-Trichloropropane	96-18-4	N.D.		10	50	10
10903	Vinyl Chloride	75-01-4	790		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

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Analysis Report

Sample Description: B-17 Water
BP Sanborn COC: 187569
2040 Cory Drive - Sanborn, NY B-17

LLI Sample # WW 6523837
LLI Group # 1285352
Account # 12495

Project Name: BP Sanborn

Collected: 01/16/2012 12:25 by RCB

Submitted: 01/17/2012 09:05
Reported: 01/23/2012 19:39

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

--B17

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
10903	VOCs 8260 Parsons Specs List	SW-846 8260B	1	T120191AA	01/19/2012 05:05	Angela D Sneeringer	10
10903	VOCs 8260 Parsons Specs List	SW-846 8260B	1	T120191AA	01/19/2012 05:30	Angela D Sneeringer	100
01163	GC/MS VOA Water Prep	SW-846 5030B	1	T120191AA	01/19/2012 05:05	Angela D Sneeringer	10
01163	GC/MS VOA Water Prep	SW-846 5030B	2	T120191AA	01/19/2012 05:30	Angela D Sneeringer	100

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Analysis Report

Sample Description: PW-1 Water
BP Sanborn COC: 187569
2040 Cory Drive - Sanborn, NY PW-1

LLI Sample # WW 6523838
LLI Group # 1285352
Account # 12495

Project Name: BP Sanborn

Collected: 01/16/2012 12:25 by RCB

Submitted: 01/17/2012 09:05
Reported: 01/23/2012 19:39

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

--PW1

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	
10903	Benzyl Chloride	100-44-7	N.D.		1.0	5.0	1
10903	Bromobenzene	108-86-1	N.D.		1.0	5.0	1
10903	Bromodichloromethane	75-27-4	N.D.		1.0	5.0	1
10903	Bromoform	75-25-2	N.D.		1.0	5.0	1
10903	Bromomethane	74-83-9	N.D.		1.0	5.0	1
10903	Carbon Tetrachloride	56-23-5	N.D.		1.0	5.0	1
10903	Chlorobenzene	108-90-7	N.D.		0.80	5.0	1
10903	Chloroethane	75-00-3	N.D.		1.0	5.0	1
10903	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.						
10903	Chloroform	67-66-3	N.D.		0.80	5.0	1
10903	Chloromethane	74-87-3	N.D.		1.0	5.0	1
10903	Dibromochloromethane	124-48-1	N.D.		1.0	5.0	1
10903	Dibromomethane	74-95-3	N.D.		1.0	5.0	1
10903	1,2-Dichlorobenzene	95-50-1	N.D.		1.0	5.0	1
10903	1,3-Dichlorobenzene	541-73-1	N.D.		1.0	5.0	1
10903	1,4-Dichlorobenzene	106-46-7	N.D.		1.0	5.0	1
10903	Dichlorodifluoromethane	75-71-8	N.D.		2.0	5.0	1
10903	1,1-Dichloroethane	75-34-3	8.6		1.0	5.0	1
10903	1,2-Dichloroethane	107-06-2	N.D.		1.0	5.0	1
10903	1,1-Dichloroethene	75-35-4	2.4	J	0.80	5.0	1
10903	cis-1,2-Dichloroethene	156-59-2	300		8.0	50	10
10903	trans-1,2-Dichloroethene	156-60-5	3.2	J	0.80	5.0	1
10903	1,2-Dichloropropane	78-87-5	N.D.		1.0	5.0	1
10903	cis-1,3-Dichloropropene	10061-01-5	N.D.		1.0	5.0	1
10903	trans-1,3-Dichloropropene	10061-02-6	N.D.		1.0	5.0	1
10903	Methylene Chloride	75-09-2	N.D.		2.0	5.0	1
10903	1,1,1,2-Tetrachloroethane	630-20-6	N.D.		1.0	5.0	1
10903	1,1,2,2-Tetrachloroethane	79-34-5	N.D.		1.0	5.0	1
10903	Tetrachloroethene	127-18-4	N.D.		0.80	5.0	1
10903	1,1,1-Trichloroethane	71-55-6	4.9	J	0.80	5.0	1
10903	1,1,2-Trichloroethane	79-00-5	N.D.		0.80	5.0	1
10903	Trichloroethene	79-01-6	1,400		10	50	10
10903	Trichlorofluoromethane	75-69-4	N.D.		2.0	5.0	1
10903	1,2,3-Trichloropropane	96-18-4	N.D.		1.0	5.0	1
10903	Vinyl Chloride	75-01-4	14		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

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Analysis Report

Sample Description: PW-1 Water
BP Sanborn COC: 187569
2040 Cory Drive - Sanborn, NY PW-1

LLI Sample # WW 6523838
LLI Group # 1285352
Account # 12495

Project Name: BP Sanborn

Collected: 01/16/2012 12:25 by RCB

Submitted: 01/17/2012 09:05
Reported: 01/23/2012 19:39

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

--PW1

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
10903	VOCs 8260 Parsons Specs List	SW-846 8260B	1	T120191AA	01/19/2012 02:42	Angela D Sneeringer	1
10903	VOCs 8260 Parsons Specs List	SW-846 8260B	1	T120191AA	01/19/2012 03:53	Angela D Sneeringer	10
01163	GC/MS VOA Water Prep	SW-846 5030B	1	T120191AA	01/19/2012 02:42	Angela D Sneeringer	1
01163	GC/MS VOA Water Prep	SW-846 5030B	2	T120191AA	01/19/2012 03:53	Angela D Sneeringer	10

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Analysis Report

Sample Description: PW-1 Matrix Spike Water
BP Sanborn COC: 187569
2040 Cory Drive - Sanborn, NY PW-1

LLI Sample # WW 6523839
LLI Group # 1285352
Account # 12495

Project Name: BP Sanborn

Collected: 01/16/2012 12:25 by RCB

Submitted: 01/17/2012 09:05
Reported: 01/23/2012 19:39

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

--PW1

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	
10903	Benzyl Chloride	100-44-7	18		1.0	5.0	1
10903	Bromobenzene	108-86-1	19		1.0	5.0	1
10903	Bromodichloromethane	75-27-4	19		1.0	5.0	1
10903	Bromoform	75-25-2	16		1.0	5.0	1
10903	Bromomethane	74-83-9	20		1.0	5.0	1
10903	Carbon Tetrachloride	56-23-5	20		1.0	5.0	1
10903	Chlorobenzene	108-90-7	19		0.80	5.0	1
10903	Chloroethane	75-00-3	21		1.0	5.0	1
10903	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.						
10903	Chloroform	67-66-3	21		0.80	5.0	1
10903	Chloromethane	74-87-3	20		1.0	5.0	1
10903	Dibromochloromethane	124-48-1	19		1.0	5.0	1
10903	Dibromomethane	74-95-3	21		1.0	5.0	1
10903	1,2-Dichlorobenzene	95-50-1	20		1.0	5.0	1
10903	1,3-Dichlorobenzene	541-73-1	20		1.0	5.0	1
10903	1,4-Dichlorobenzene	106-46-7	20		1.0	5.0	1
10903	Dichlorodifluoromethane	75-71-8	20		2.0	5.0	1
10903	1,1-Dichloroethane	75-34-3	30		1.0	5.0	1
10903	1,2-Dichloroethane	107-06-2	23		1.0	5.0	1
10903	1,1-Dichloroethene	75-35-4	23		0.80	5.0	1
10903	cis-1,2-Dichloroethene	156-59-2	350	E	0.80	5.0	1
10903	trans-1,2-Dichloroethene	156-60-5	24		0.80	5.0	1
10903	1,2-Dichloropropane	78-87-5	21		1.0	5.0	1
10903	cis-1,3-Dichloropropene	10061-01-5	18		1.0	5.0	1
10903	trans-1,3-Dichloropropene	10061-02-6	18		1.0	5.0	1
10903	Methylene Chloride	75-09-2	21		2.0	5.0	1
10903	1,1,1,2-Tetrachloroethane	630-20-6	20		1.0	5.0	1
10903	1,1,2,2-Tetrachloroethane	79-34-5	19		1.0	5.0	1
10903	Tetrachloroethene	127-18-4	22		0.80	5.0	1
10903	1,1,1-Trichloroethane	71-55-6	26		0.80	5.0	1
10903	1,1,2-Trichloroethane	79-00-5	20		0.80	5.0	1
10903	Trichloroethene	79-01-6	1,400	E	1.0	5.0	1
10903	Trichlorofluoromethane	75-69-4	22		2.0	5.0	1
10903	1,2,3-Trichloropropane	96-18-4	18		1.0	5.0	1
10903	Vinyl Chloride	75-01-4	36		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

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Analysis Report

Sample Description: **PW-1 Matrix Spike Water**
BP Sanborn COC: 187569
2040 Cory Drive - Sanborn, NY PW-1

LLI Sample # WW 6523839
LLI Group # 1285352
Account # 12495

Project Name: BP Sanborn

Collected: 01/16/2012 12:25 by RCB

Submitted: 01/17/2012 09:05
Reported: 01/23/2012 19:39

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

--PW1

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
10903	VOCs 8260 Parsons Specs List	SW-846 8260B	1	T120191AA	01/19/2012 03:06	Angela D Sneeringer	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	T120191AA	01/19/2012 03:06	Angela D Sneeringer	1

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Analysis Report

Sample Description: PW-1 Matrix Spike Dup Water
BP Sanborn COC: 187569
2040 Cory Drive - Sanborn, NY PW-1

LLI Sample # WW 6523840
LLI Group # 1285352
Account # 12495

Project Name: BP Sanborn

Collected: 01/16/2012 12:25 by RCB

Submitted: 01/17/2012 09:05
Reported: 01/23/2012 19:39

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

--PW1

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	
10903	Benzyl Chloride	100-44-7	18		1.0	5.0	1
10903	Bromobenzene	108-86-1	20		1.0	5.0	1
10903	Bromodichloromethane	75-27-4	20		1.0	5.0	1
10903	Bromoform	75-25-2	17		1.0	5.0	1
10903	Bromomethane	74-83-9	21		1.0	5.0	1
10903	Carbon Tetrachloride	56-23-5	20		1.0	5.0	1
10903	Chlorobenzene	108-90-7	19		0.80	5.0	1
10903	Chloroethane	75-00-3	21		1.0	5.0	1
10903	2-Chloroethyl Vinyl Ether	110-75-8	21		2.0	10	1
	2-Chloroethyl vinyl ether may not be recovered if acid was used to preserve this sample.						
10903	Chloroform	67-66-3	21		0.80	5.0	1
10903	Chloromethane	74-87-3	20		1.0	5.0	1
10903	Dibromochloromethane	124-48-1	19		1.0	5.0	1
10903	Dibromomethane	74-95-3	21		1.0	5.0	1
10903	1,2-Dichlorobenzene	95-50-1	20		1.0	5.0	1
10903	1,3-Dichlorobenzene	541-73-1	20		1.0	5.0	1
10903	1,4-Dichlorobenzene	106-46-7	19		1.0	5.0	1
10903	Dichlorodifluoromethane	75-71-8	20		2.0	5.0	1
10903	1,1-Dichloroethane	75-34-3	31		1.0	5.0	1
10903	1,2-Dichloroethane	107-06-2	23		1.0	5.0	1
10903	1,1-Dichloroethene	75-35-4	23		0.80	5.0	1
10903	cis-1,2-Dichloroethene	156-59-2	360	E	0.80	5.0	1
10903	trans-1,2-Dichloroethene	156-60-5	24		0.80	5.0	1
10903	1,2-Dichloropropane	78-87-5	21		1.0	5.0	1
10903	cis-1,3-Dichloropropene	10061-01-5	18		1.0	5.0	1
10903	trans-1,3-Dichloropropene	10061-02-6	18		1.0	5.0	1
10903	Methylene Chloride	75-09-2	21		2.0	5.0	1
10903	1,1,1,2-Tetrachloroethane	630-20-6	21		1.0	5.0	1
10903	1,1,2,2-Tetrachloroethane	79-34-5	19		1.0	5.0	1
10903	Tetrachloroethene	127-18-4	23		0.80	5.0	1
10903	1,1,1-Trichloroethane	71-55-6	26		0.80	5.0	1
10903	1,1,2-Trichloroethane	79-00-5	20		0.80	5.0	1
10903	Trichloroethene	79-01-6	1,400	E	1.0	5.0	1
10903	Trichlorofluoromethane	75-69-4	22		2.0	5.0	1
10903	1,2,3-Trichloropropane	96-18-4	18		1.0	5.0	1
10903	Vinyl Chloride	75-01-4	37		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

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Analysis Report

Sample Description: PW-1 Matrix Spike Dup Water
BP Sanborn COC: 187569
2040 Cory Drive - Sanborn, NY PW-1

LLI Sample # WW 6523840
LLI Group # 1285352
Account # 12495

Project Name: BP Sanborn

Collected: 01/16/2012 12:25 by RCB

Submitted: 01/17/2012 09:05
Reported: 01/23/2012 19:39

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

--PW1

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
10903	VOCs 8260 Parsons Specs List	SW-846 8260B	1	T120191AA	01/19/2012 03:29	Angela D Sneeringer	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	T120191AA	01/19/2012 03:29	Angela D Sneeringer	1

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

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Analysis Report

Quality Control Summary

Client Name: Atlantic Richfield(Parsons-NY) Group Number: 1285352
Reported: 01/23/12 at 07:39 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: T120191AA	Sample number(s): 6523835-6523840								
Benzyl Chloride	N.D.	1.0	5.0	ug/l	88		69-120		
Bromobenzene	N.D.	1.0	5.0	ug/l	92		80-120		
Bromodichloromethane	N.D.	1.0	5.0	ug/l	91		80-120		
Bromoform	N.D.	1.0	5.0	ug/l	83		61-120		
Bromomethane	N.D.	1.0	5.0	ug/l	96		44-120		
Carbon Tetrachloride	N.D.	1.0	5.0	ug/l	86		75-123		
Chlorobenzene	N.D.	0.80	5.0	ug/l	92		80-120		
Chloroethane	N.D.	1.0	5.0	ug/l	93		49-129		
2-Chloroethyl Vinyl Ether	N.D.	2.0	10	ug/l	97		56-129		
Chloroform	N.D.	0.80	5.0	ug/l	99		77-122		
Chloromethane	N.D.	1.0	5.0	ug/l	95		60-129		
Dibromochloromethane	N.D.	1.0	5.0	ug/l	92		80-120		
Dibromomethane	N.D.	1.0	5.0	ug/l	100		80-120		
1,2-Dichlorobenzene	N.D.	1.0	5.0	ug/l	91		80-120		
1,3-Dichlorobenzene	N.D.	1.0	5.0	ug/l	94		80-120		
1,4-Dichlorobenzene	N.D.	1.0	5.0	ug/l	92		80-120		
Dichlorodifluoromethane	N.D.	2.0	5.0	ug/l	83		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	112		70-130		
1,1-Dichloroethene	N.D.	0.80	5.0	ug/l	88		74-123		
cis-1,2-Dichloroethene	N.D.	0.80	5.0	ug/l	93		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	102		78-120		
cis-1,3-Dichloropropene	N.D.	1.0	5.0	ug/l	88		80-120		
trans-1,3-Dichloropropene	N.D.	1.0	5.0	ug/l	87		79-120		
Methylene Chloride	N.D.	2.0	5.0	ug/l	100		80-120		
1,1,1,2-Tetrachloroethane	N.D.	1.0	5.0	ug/l	97		80-120		
1,1,2,2-Tetrachloroethane	N.D.	1.0	5.0	ug/l	95		71-120		
Tetrachloroethene	N.D.	0.80	5.0	ug/l	96		80-121		
1,1,1-Trichloroethane	N.D.	0.80	5.0	ug/l	94		75-127		
1,1,2-Trichloroethane	N.D.	0.80	5.0	ug/l	95		80-120		
Trichloroethene	N.D.	1.0	5.0	ug/l	96		80-120		
Trichlorofluoromethane	N.D.	2.0	5.0	ug/l	89		64-129		
1,2,3-Trichloropropane	N.D.	1.0	5.0	ug/l	88		80-120		
Vinyl Chloride	N.D.	1.0	5.0	ug/l	96		65-125		

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

	MS	MSD	MS/MSD	RPD	BKG	DUP	DUP	Dup RPD

*- 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: 1285352
Reported: 01/23/12 at 07:39 PM

Analysis Name	%REC	%REC	Limits	RPD	MAX	Conc	Conc	RPD	Max
Batch number: T120191AA	Sample number(s): 6523835-6523840 UNSPK: 6523838								
Benzyl Chloride	91	89	62-120	2	30				
Bromobenzene	97	98	82-115	0	30				
Bromodichloromethane	97	98	78-125	1	30				
Bromoform	82	83	60-121	2	30				
Bromomethane	102	103	38-149	1	30				
Carbon Tetrachloride	100	99	81-138	0	30				
Chlorobenzene	97	96	87-124	1	30				
Chloroethane	104	105	51-145	2	30				
2-Chloroethyl Vinyl Ether	101	103	10-151	2	30				
Chloroform	106	106	81-134	0	30				
Chloromethane	100	101	67-154	1	30				
Dibromochloromethane	94	94	74-116	0	30				
Dibromomethane	104	105	83-119	0	30				
1,2-Dichlorobenzene	99	98	84-119	1	30				
1,3-Dichlorobenzene	101	99	86-121	2	30				
1,4-Dichlorobenzene	99	97	85-121	2	30				
Dichlorodifluoromethane	101	101	52-129	0	30				
1,1-Dichloroethane	108	110	84-129	1	30				
1,2-Dichloroethane	116	116	66-141	0	30				
1,1-Dichloroethene	104	102	85-142	1	30				
cis-1,2-Dichloroethene	30 (2)	75 (2)	85-125	3	30				
trans-1,2-Dichloroethene	104	103	87-126	1	30				
1,2-Dichloropropane	106	107	83-124	1	30				
cis-1,3-Dichloropropene	92	91	75-125	0	30				
trans-1,3-Dichloropropene	90	91	74-119	1	30				
Methylene Chloride	105	105	79-120	0	30				
1,1,1,2-Tetrachloroethane	102	103	82-119	0	30				
1,1,2,2-Tetrachloroethane	95	96	72-128	1	30				
Tetrachloroethene	112	115	80-128	2	30				
1,1,1-Trichloroethane	104	105	80-143	1	30				
1,1,2-Trichloroethane	98	98	77-124	0	30				
Trichloroethene	-299 (2)	-235 (2)	88-133	1	30				
Trichlorofluoromethane	108	111	73-152	2	30				
1,2,3-Trichloropropane	91	88	76-118	3	30				
Vinyl Chloride	110	115	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: T120191AA

	Dibromofluoromethane	1,2-Dichloroethane-d4	Toluene-d8	4-Bromofluorobenzene
6523835	95	96	104	108
6523836	94	96	105	109
6523837	94	97	104	108
6523838	95	98	102	107
6523839	94	98	102	110
6523840	96	101	105	108
Blank	94	97	104	108
LCS	96	101	103	106

*- 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.

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Quality Control Summary

Client Name: Atlantic Richfield(Parsons-NY) Group Number: 1285352
Reported: 01/23/12 at 07:39 PM

Surrogate Quality Control

MS	94	98	102	110
MSD	96	101	105	108
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.

Project Name: BP Sanborn
LLI Group #: 1285352

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 #: T120191AA (Sample number(s): 6523835-6523840 UNSPK: 6523838)

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

12495/1285352/ 652383 5-42 BK 1/17/12

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Laboratory Management Program LaMP Chain of Custody Record

187569

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

Lab Name: Lancaster Labs	BP/ARC Facility Address: 2040 Cory Dr.	Consultant/Contractor: Parsons
Lab Address: 2425 New Holland Pike, Lancaster, PA 17601	City, State, ZIP Code: Sanborn, NY 14132	Consultant/Contractor Project No:
Lab PM: Lynn Fredericksen	Lead Regulatory Agency: NYSDEC	Address: 40 LaRiviere Dr. Suite 350, Buffalo, NY 14202
Lab Phone: 717 656-2300	California Global ID No.:	Consultant/Contractor PM: George Hermance
Lab Shipping Accnt:	Enfos Proposal No: D00B4-0001	Phone: (716) 407-4990
Lab Bottle Order No:	Accounting Mode: 0 Provision ___ OOC-BU ___ OOC-RM ___	Email EDD To: Lorraine Weber
Other Info:	Stage: 60 Activity: 81	Invoice To: BP/ARC ✓ Contractor ___
BP/ARC EBM: Bill Barber		
EBM Phone: (216) 271-8038		
EBM Email:		

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

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	Comments
	B-44	1/16/12	1135		X			3	X						X	SAMPLES ~~B-43~~, B-42
	B-43	⎮	1120													FIELD DUP #1, B-48,
	B-42	⎮	1110													B-49, AND B-19 WILL
	B-17	⎮	1235													NOT BE ANALYZED DUE
	Field Dup #1	⎮														TO BREAKAGE DURING
	PW-1	⎮	1225													SHIPMENT KNP 1/17/12
	PW1 MS	⎮	1225													
	PW1 MSD	⎮	1225													
	B-48	⎮	1335													
	B-49	⎮	1450													

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

	Relinquished By / Affiliation	Date	Time	Accepted By / Affiliation	Date	Time
Sampler's Name: Richard C Becker						
Sampler's Company: O+M Enterprises Inc.	[signature]	1/16/12	1550			
Shipment Method: FedEx Ship Date: 1/16/12						
Shipment Tracking No: 875329975467				[signature]	1/17/12	0905

Special Instructions:

THIS LINE - LAB USE ONLY: Custody Seals In Place: Yes / (No) | Temp Blank: (Yes) / No | Cooler Temp on Receipt: 4.0 °F/(C) | Trip Blank: (Yes) / No | MS/MSD Sample Submitted: (Yes) / No

Laboratory Copy

12495|1285352|6523835-42

Atlantic Richfield Company — A BP affiliated company

Laboratory Management Program LaMP Chain of Custody Record

192775

Page 2 of 2

BP/ARC Project Name: 6P, 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: 2040 Cory Dr.	Consultant/Contractor: Parsons
Lab Address: 2425 New Holland Pike Lancaster, PA 17601	City, State, ZIP Code: Sanborn, NY 14132	Consultant/Contractor Project No:
Lab PM: Lynn Frederickson	Lead Regulatory Agency: NYSDEC	Address: 40 LaRiviere Dr. Suite 330 Buffalo, NY 14202
Lab Phone: (717) 656-2806	California Global ID No.:	Consultant/Contractor PM: George Hermance
Lab Shipping Accnt:	Enfos Proposal No: D0064-0001	Phone: (716) 407-4990
Lab Bottle Order No:	Accounting Mode: 10 Provision ___ OOC-BU ___ OOC-RM ___	Email EDD To: Carrarie Weber
Other Info:	Stage: 60 Activity: 81	Invoice To: BP/ARC ✓ Contractor ___
BP/ARC EBM: Bill Barber		
EBM Phone: (216) 271-8038		
EBM Email:		

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-19	1/16/12	1550		X		3	X					X
	B-13	1/16/12	1625		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.

SAMPLE B-13 WILL NOT BE ANALYZED DUE TO BREAKAGE. KNP 1/20/12

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	1/16/12	1552			
Shipment Method: Fed Ex Ship Date: 1/16/12						
Shipment Tracking No: 875329575467				Harry M Lee	1/17/12	0905

Special Instructions:

THIS LINE - LAB USE ONLY: Custody Seals in Place: Yes (No) | Temp Blank: (Yes) / No | Cooler Temp on Receipt: 4.0 °F/C | Trip Blank: (Yes) / No | MS/MSD Sample Submitted: Yes (No)

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Environmental Sample Administration
Receipt Documentation Log

Client/Project: Parsons

Date of Receipt: 1/17/12

Time of Receipt: 0905

Source Code: SO-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	233	4.0°C	TB	WI	Y	B	
2							
3							
4							
5							
6							

Number of Trip Blanks received NOT listed on chain of custody: 1 intact (1 rec'd broken)

Paperwork Discrepancy/Unpacking Problems:

Bond 24 broken vials; B-19 x3, B-48 x3, B-49 x3, PW-1 MS x1, PW-1 MSD x2, B-44 x1, B-43 x2/2, B-42 x2/3, Field DUP a 3, B-13 x2, & Trip Blank x1.

Ok 1/17/12

Unpacker Signature/Emp#: 2316 **Date/Time:** 1/17/12 1035

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.

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Analysis Report

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 25, 2012

Project: BP Sanborn

Submittal Date: 01/18/2012
Group Number: 1285447
PO Number: D00B4-0001
Release Number: BARBER
State of Sample Origin: NY

Client Sample Description	Lancaster Labs (LLI) #
B-57 Water	6524415
B-56 Water	6524416
B-24 Water	6524417
B-23 Water	6524418
B-6 Water	6524419
P-4 Water	6524420
P-3 Water	6524421
Field Dup#2 Water	6524422
B-9 Water	6524423
B-8 Water	6524424
B-8 Matrix Spike Water	6524425
B-8 Matrix Spike Dup Water	6524426
Field Dup#1A Water	6524427
B-49 redo Water	6524428
B-19 redo Water	6524429

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

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Questions? Contact your Client Services Representative
Kaitlin N Plasterer at (717) 656-2300 Ext. 1815

Respectfully Submitted,

Robin C. Runkle
Senior Specialist

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Analysis Report

Sample Description: B-57 Water
BP Sanborn COC: 187364
2040 Cory Drive - Sanborn, NY B-57

LLI Sample # WW 6524415
LLI Group # 1285447
Account # 12495

Project Name: BP Sanborn

Collected: 01/17/2012 13:25 by RCB

Submitted: 01/18/2012 09:15
Reported: 01/25/2012 19:53

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

-B-57

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	
10903	Benzyl Chloride	100-44-7	N.D.	1.0	5.0	1
10903	Bromobenzene	108-86-1	N.D.	1.0	5.0	1
10903	Bromodichloromethane	75-27-4	N.D.	1.0	5.0	1
10903	Bromoform	75-25-2	N.D.	1.0	5.0	1
10903	Bromomethane	74-83-9	N.D.	1.0	5.0	1
10903	Carbon Tetrachloride	56-23-5	N.D.	1.0	5.0	1
10903	Chlorobenzene	108-90-7	N.D.	0.80	5.0	1
10903	Chloroethane	75-00-3	N.D.	1.0	5.0	1
10903	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.					
10903	Chloroform	67-66-3	N.D.	0.80	5.0	1
10903	Chloromethane	74-87-3	N.D.	1.0	5.0	1
10903	Dibromochloromethane	124-48-1	N.D.	1.0	5.0	1
10903	Dibromomethane	74-95-3	N.D.	1.0	5.0	1
10903	1,2-Dichlorobenzene	95-50-1	N.D.	1.0	5.0	1
10903	1,3-Dichlorobenzene	541-73-1	N.D.	1.0	5.0	1
10903	1,4-Dichlorobenzene	106-46-7	N.D.	1.0	5.0	1
10903	Dichlorodifluoromethane	75-71-8	N.D.	2.0	5.0	1
10903	1,1-Dichloroethane	75-34-3	N.D.	1.0	5.0	1
10903	1,2-Dichloroethane	107-06-2	N.D.	1.0	5.0	1
10903	1,1-Dichloroethene	75-35-4	N.D.	0.80	5.0	1
10903	cis-1,2-Dichloroethene	156-59-2	N.D.	0.80	5.0	1
10903	trans-1,2-Dichloroethene	156-60-5	N.D.	0.80	5.0	1
10903	1,2-Dichloropropane	78-87-5	N.D.	1.0	5.0	1
10903	cis-1,3-Dichloropropene	10061-01-5	N.D.	1.0	5.0	1
10903	trans-1,3-Dichloropropene	10061-02-6	N.D.	1.0	5.0	1
10903	Methylene Chloride	75-09-2	N.D.	2.0	5.0	1
10903	1,1,1,2-Tetrachloroethane	630-20-6	N.D.	1.0	5.0	1
10903	1,1,2,2-Tetrachloroethane	79-34-5	N.D.	1.0	5.0	1
10903	Tetrachloroethene	127-18-4	N.D.	0.80	5.0	1
10903	1,1,1-Trichloroethane	71-55-6	N.D.	0.80	5.0	1
10903	1,1,2-Trichloroethane	79-00-5	N.D.	0.80	5.0	1
10903	Trichloroethene	79-01-6	N.D.	1.0	5.0	1
10903	Trichlorofluoromethane	75-69-4	N.D.	2.0	5.0	1
10903	1,2,3-Trichloropropane	96-18-4	N.D.	1.0	5.0	1
10903	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

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Analysis Report

Sample Description: B-57 Water
BP Sanborn COC: 187364
2040 Cory Drive - Sanborn, NY B-57

LLI Sample # WW 6524415
LLI Group # 1285447
Account # 12495

Project Name: BP Sanborn

Collected: 01/17/2012 13:25 by RCB

Submitted: 01/18/2012 09:15
Reported: 01/25/2012 19:53

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

-B-57

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
10903	VOCs 8260 Parsons Specs List	SW-846 8260B	1	T120201AA	01/20/2012 13:39	Chelsea B Eastep	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	T120201AA	01/20/2012 13:39	Chelsea B Eastep	1

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

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Analysis Report

Sample Description: B-56 Water
BP Sanborn COC: 187364
2040 Cory Drive - Sanborn, NY B-56

LLI Sample # WW 6524416
LLI Group # 1285447
Account # 12495

Project Name: BP Sanborn

Collected: 01/17/2012 12:15 by RCB

Submitted: 01/18/2012 09:15
Reported: 01/25/2012 19:53

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

-B-56

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	
10903	Benzyl Chloride	100-44-7	N.D.		1.0	5.0	1
10903	Bromobenzene	108-86-1	N.D.		1.0	5.0	1
10903	Bromodichloromethane	75-27-4	N.D.		1.0	5.0	1
10903	Bromoform	75-25-2	N.D.		1.0	5.0	1
10903	Bromomethane	74-83-9	N.D.		1.0	5.0	1
10903	Carbon Tetrachloride	56-23-5	N.D.		1.0	5.0	1
10903	Chlorobenzene	108-90-7	N.D.		0.80	5.0	1
10903	Chloroethane	75-00-3	N.D.		1.0	5.0	1
10903	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.						
10903	Chloroform	67-66-3	N.D.		0.80	5.0	1
10903	Chloromethane	74-87-3	N.D.		1.0	5.0	1
10903	Dibromochloromethane	124-48-1	N.D.		1.0	5.0	1
10903	Dibromomethane	74-95-3	N.D.		1.0	5.0	1
10903	1,2-Dichlorobenzene	95-50-1	N.D.		1.0	5.0	1
10903	1,3-Dichlorobenzene	541-73-1	N.D.		1.0	5.0	1
10903	1,4-Dichlorobenzene	106-46-7	N.D.		1.0	5.0	1
10903	Dichlorodifluoromethane	75-71-8	N.D.		2.0	5.0	1
10903	1,1-Dichloroethane	75-34-3	N.D.		1.0	5.0	1
10903	1,2-Dichloroethane	107-06-2	N.D.		1.0	5.0	1
10903	1,1-Dichloroethene	75-35-4	N.D.		0.80	5.0	1
10903	cis-1,2-Dichloroethene	156-59-2	21		0.80	5.0	1
10903	trans-1,2-Dichloroethene	156-60-5	0.83	J	0.80	5.0	1
10903	1,2-Dichloropropane	78-87-5	N.D.		1.0	5.0	1
10903	cis-1,3-Dichloropropene	10061-01-5	N.D.		1.0	5.0	1
10903	trans-1,3-Dichloropropene	10061-02-6	N.D.		1.0	5.0	1
10903	Methylene Chloride	75-09-2	N.D.		2.0	5.0	1
10903	1,1,1,2-Tetrachloroethane	630-20-6	N.D.		1.0	5.0	1
10903	1,1,2,2-Tetrachloroethane	79-34-5	N.D.		1.0	5.0	1
10903	Tetrachloroethene	127-18-4	N.D.		0.80	5.0	1
10903	1,1,1-Trichloroethane	71-55-6	N.D.		0.80	5.0	1
10903	1,1,2-Trichloroethane	79-00-5	N.D.		0.80	5.0	1
10903	Trichloroethene	79-01-6	160		1.0	5.0	1
10903	Trichlorofluoromethane	75-69-4	N.D.		2.0	5.0	1
10903	1,2,3-Trichloropropane	96-18-4	N.D.		1.0	5.0	1
10903	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

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Analysis Report

Sample Description: B-56 Water
BP Sanborn COC: 187364
2040 Cory Drive - Sanborn, NY B-56

LLI Sample # WW 6524416
LLI Group # 1285447
Account # 12495

Project Name: BP Sanborn

Collected: 01/17/2012 12:15 by RCB

Submitted: 01/18/2012 09:15
Reported: 01/25/2012 19:53

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

-B-56

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
10903	VOCs 8260 Parsons Specs List	SW-846 8260B	1	T120201AA	01/20/2012 14:03	Chelsea B Eastep	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	T120201AA	01/20/2012 14:03	Chelsea B Eastep	1

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Analysis Report

Sample Description: B-24 Water
BP Sanborn COC: 187364
2040 Cory Drive - Sanborn, NY B-24

LLI Sample # WW 6524417
LLI Group # 1285447
Account # 12495

Project Name: BP Sanborn

Collected: 01/17/2012 13:15 by RCB

Submitted: 01/18/2012 09:15
Reported: 01/25/2012 19:53

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

-B-24

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	
10903	Benzyl Chloride	100-44-7	N.D.		1.0	5.0	1
10903	Bromobenzene	108-86-1	N.D.		1.0	5.0	1
10903	Bromodichloromethane	75-27-4	N.D.		1.0	5.0	1
10903	Bromoform	75-25-2	N.D.		1.0	5.0	1
10903	Bromomethane	74-83-9	N.D.		1.0	5.0	1
10903	Carbon Tetrachloride	56-23-5	N.D.		1.0	5.0	1
10903	Chlorobenzene	108-90-7	N.D.		0.80	5.0	1
10903	Chloroethane	75-00-3	N.D.		1.0	5.0	1
10903	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.						
10903	Chloroform	67-66-3	N.D.		0.80	5.0	1
10903	Chloromethane	74-87-3	N.D.		1.0	5.0	1
10903	Dibromochloromethane	124-48-1	N.D.		1.0	5.0	1
10903	Dibromomethane	74-95-3	N.D.		1.0	5.0	1
10903	1,2-Dichlorobenzene	95-50-1	N.D.		1.0	5.0	1
10903	1,3-Dichlorobenzene	541-73-1	N.D.		1.0	5.0	1
10903	1,4-Dichlorobenzene	106-46-7	N.D.		1.0	5.0	1
10903	Dichlorodifluoromethane	75-71-8	N.D.		2.0	5.0	1
10903	1,1-Dichloroethane	75-34-3	N.D.		1.0	5.0	1
10903	1,2-Dichloroethane	107-06-2	N.D.		1.0	5.0	1
10903	1,1-Dichloroethene	75-35-4	N.D.		0.80	5.0	1
10903	cis-1,2-Dichloroethene	156-59-2	2.2	J	0.80	5.0	1
10903	trans-1,2-Dichloroethene	156-60-5	N.D.		0.80	5.0	1
10903	1,2-Dichloropropane	78-87-5	N.D.		1.0	5.0	1
10903	cis-1,3-Dichloropropene	10061-01-5	N.D.		1.0	5.0	1
10903	trans-1,3-Dichloropropene	10061-02-6	N.D.		1.0	5.0	1
10903	Methylene Chloride	75-09-2	N.D.		2.0	5.0	1
10903	1,1,1,2-Tetrachloroethane	630-20-6	N.D.		1.0	5.0	1
10903	1,1,2,2-Tetrachloroethane	79-34-5	N.D.		1.0	5.0	1
10903	Tetrachloroethene	127-18-4	N.D.		0.80	5.0	1
10903	1,1,1-Trichloroethane	71-55-6	N.D.		0.80	5.0	1
10903	1,1,2-Trichloroethane	79-00-5	N.D.		0.80	5.0	1
10903	Trichloroethene	79-01-6	4.7	J	1.0	5.0	1
10903	Trichlorofluoromethane	75-69-4	N.D.		2.0	5.0	1
10903	1,2,3-Trichloropropane	96-18-4	N.D.		1.0	5.0	1
10903	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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Analysis Report

Sample Description: B-24 Water
BP Sanborn COC: 187364
2040 Cory Drive - Sanborn, NY B-24

LLI Sample # WW 6524417
LLI Group # 1285447
Account # 12495

Project Name: BP Sanborn

Collected: 01/17/2012 13:15 by RCB

Submitted: 01/18/2012 09:15
Reported: 01/25/2012 19:53

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

-B-24

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
10903	VOCs 8260 Parsons Specs List	SW-846 8260B	1	T120201AA	01/20/2012 14:27	Chelsea B Eastep	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	T120201AA	01/20/2012 14:27	Chelsea B Eastep	1

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Analysis Report

Sample Description: B-23 Water
BP Sanborn COC: 187364
2040 Cory Drive - Sanborn, NY B-23

LLI Sample # WW 6524418
LLI Group # 1285447
Account # 12495

Project Name: BP Sanborn

Collected: 01/17/2012 14:10 by RCB

Submitted: 01/18/2012 09:15
Reported: 01/25/2012 19:53

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

-B-23

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**	
10903	Benzyl Chloride	100-44-7	N.D.		1.0	5.0	1
10903	Bromobenzene	108-86-1	N.D.		1.0	5.0	1
10903	Bromodichloromethane	75-27-4	N.D.		1.0	5.0	1
10903	Bromoform	75-25-2	N.D.		1.0	5.0	1
10903	Bromomethane	74-83-9	N.D.		1.0	5.0	1
10903	Carbon Tetrachloride	56-23-5	N.D.		1.0	5.0	1
10903	Chlorobenzene	108-90-7	N.D.		0.80	5.0	1
10903	Chloroethane	75-00-3	N.D.		1.0	5.0	1
10903	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.						
10903	Chloroform	67-66-3	N.D.		0.80	5.0	1
10903	Chloromethane	74-87-3	N.D.		1.0	5.0	1
10903	Dibromochloromethane	124-48-1	N.D.		1.0	5.0	1
10903	Dibromomethane	74-95-3	N.D.		1.0	5.0	1
10903	1,2-Dichlorobenzene	95-50-1	N.D.		1.0	5.0	1
10903	1,3-Dichlorobenzene	541-73-1	N.D.		1.0	5.0	1
10903	1,4-Dichlorobenzene	106-46-7	N.D.		1.0	5.0	1
10903	Dichlorodifluoromethane	75-71-8	N.D.		2.0	5.0	1
10903	1,1-Dichloroethane	75-34-3	1.7	J	1.0	5.0	1
10903	1,2-Dichloroethane	107-06-2	N.D.		1.0	5.0	1
10903	1,1-Dichloroethene	75-35-4	N.D.		0.80	5.0	1
10903	cis-1,2-Dichloroethene	156-59-2	210		0.80	5.0	1
10903	trans-1,2-Dichloroethene	156-60-5	1.4	J	0.80	5.0	1
10903	1,2-Dichloropropane	78-87-5	N.D.		1.0	5.0	1
10903	cis-1,3-Dichloropropene	10061-01-5	N.D.		1.0	5.0	1
10903	trans-1,3-Dichloropropene	10061-02-6	N.D.		1.0	5.0	1
10903	Methylene Chloride	75-09-2	N.D.		2.0	5.0	1
10903	1,1,1,2-Tetrachloroethane	630-20-6	N.D.		1.0	5.0	1
10903	1,1,2,2-Tetrachloroethane	79-34-5	N.D.		1.0	5.0	1
10903	Tetrachloroethene	127-18-4	N.D.		0.80	5.0	1
10903	1,1,1-Trichloroethane	71-55-6	N.D.		0.80	5.0	1
10903	1,1,2-Trichloroethane	79-00-5	N.D.		0.80	5.0	1
10903	Trichloroethene	79-01-6	57		1.0	5.0	1
10903	Trichlorofluoromethane	75-69-4	N.D.		2.0	5.0	1
10903	1,2,3-Trichloropropane	96-18-4	N.D.		1.0	5.0	1
10903	Vinyl Chloride	75-01-4	8.6		1.0	5.0	1

General Sample Comments

State of New York Certification No. 10670

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Analysis Report

Sample Description: B-23 Water
BP Sanborn COC: 187364
2040 Cory Drive - Sanborn, NY B-23

LLI Sample # WW 6524418
LLI Group # 1285447
Account # 12495

Project Name: BP Sanborn

Collected: 01/17/2012 14:10 by RCB

Submitted: 01/18/2012 09:15
Reported: 01/25/2012 19:53

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

-B-23

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
10903	VOCs 8260 Parsons Specs List	SW-846 8260B	1	T120201AA	01/20/2012 14:51	Chelsea B Eastep	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	T120201AA	01/20/2012 14:51	Chelsea B Eastep	1

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Analysis Report

Sample Description: B-6 Water
BP Sanborn COC: 187364
2040 Cory Drive - Sanborn, NY B-6

LLI Sample # WW 6524419
LLI Group # 1285447
Account # 12495

Project Name: BP Sanborn

Collected: 01/17/2012 15:00 by RCB

Submitted: 01/18/2012 09:15
Reported: 01/25/2012 19:53

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

-B-6-

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**	
10903	Benzyl Chloride	100-44-7	N.D.		1.0	5.0	1
10903	Bromobenzene	108-86-1	N.D.		1.0	5.0	1
10903	Bromodichloromethane	75-27-4	N.D.		1.0	5.0	1
10903	Bromoform	75-25-2	N.D.		1.0	5.0	1
10903	Bromomethane	74-83-9	N.D.		1.0	5.0	1
10903	Carbon Tetrachloride	56-23-5	N.D.		1.0	5.0	1
10903	Chlorobenzene	108-90-7	N.D.		0.80	5.0	1
10903	Chloroethane	75-00-3	N.D.		1.0	5.0	1
10903	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.						
10903	Chloroform	67-66-3	N.D.		0.80	5.0	1
10903	Chloromethane	74-87-3	N.D.		1.0	5.0	1
10903	Dibromochloromethane	124-48-1	N.D.		1.0	5.0	1
10903	Dibromomethane	74-95-3	N.D.		1.0	5.0	1
10903	1,2-Dichlorobenzene	95-50-1	N.D.		1.0	5.0	1
10903	1,3-Dichlorobenzene	541-73-1	N.D.		1.0	5.0	1
10903	1,4-Dichlorobenzene	106-46-7	N.D.		1.0	5.0	1
10903	Dichlorodifluoromethane	75-71-8	N.D.		2.0	5.0	1
10903	1,1-Dichloroethane	75-34-3	N.D.		1.0	5.0	1
10903	1,2-Dichloroethane	107-06-2	N.D.		1.0	5.0	1
10903	1,1-Dichloroethene	75-35-4	N.D.		0.80	5.0	1
10903	cis-1,2-Dichloroethene	156-59-2	22		0.80	5.0	1
10903	trans-1,2-Dichloroethene	156-60-5	0.82	J	0.80	5.0	1
10903	1,2-Dichloropropane	78-87-5	N.D.		1.0	5.0	1
10903	cis-1,3-Dichloropropene	10061-01-5	N.D.		1.0	5.0	1
10903	trans-1,3-Dichloropropene	10061-02-6	N.D.		1.0	5.0	1
10903	Methylene Chloride	75-09-2	N.D.		2.0	5.0	1
10903	1,1,1,2-Tetrachloroethane	630-20-6	N.D.		1.0	5.0	1
10903	1,1,2,2-Tetrachloroethane	79-34-5	N.D.		1.0	5.0	1
10903	Tetrachloroethene	127-18-4	N.D.		0.80	5.0	1
10903	1,1,1-Trichloroethane	71-55-6	N.D.		0.80	5.0	1
10903	1,1,2-Trichloroethane	79-00-5	N.D.		0.80	5.0	1
10903	Trichloroethene	79-01-6	280		1.0	5.0	1
10903	Trichlorofluoromethane	75-69-4	N.D.		2.0	5.0	1
10903	1,2,3-Trichloropropane	96-18-4	N.D.		1.0	5.0	1
10903	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

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Analysis Report

Sample Description: B-6 Water
BP Sanborn COC: 187364
2040 Cory Drive - Sanborn, NY B-6

LLI Sample # WW 6524419
LLI Group # 1285447
Account # 12495

Project Name: BP Sanborn

Collected: 01/17/2012 15:00 by RCB

Submitted: 01/18/2012 09:15
Reported: 01/25/2012 19:53

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

-B-6-

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
10903	VOCs 8260 Parsons Specs List	SW-846 8260B	1	T120192AA	01/19/2012 13:43	Linda C Pape	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	T120192AA	01/19/2012 13:43	Linda C Pape	1

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Analysis Report

Sample Description: P-4 Water
BP Sanborn COC: 187364
2040 Cory Drive - Sanborn, NY P-4

LLI Sample # WW 6524420
LLI Group # 1285447
Account # 12495

Project Name: BP Sanborn

Collected: 01/17/2012 08:15 by RCB

Submitted: 01/18/2012 09:15
Reported: 01/25/2012 19:53

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

-P-4-

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	
10903	Benzyl Chloride	100-44-7	N.D.		1.0	5.0	1
10903	Bromobenzene	108-86-1	N.D.		1.0	5.0	1
10903	Bromodichloromethane	75-27-4	N.D.		1.0	5.0	1
10903	Bromoform	75-25-2	N.D.		1.0	5.0	1
10903	Bromomethane	74-83-9	N.D.		1.0	5.0	1
10903	Carbon Tetrachloride	56-23-5	N.D.		1.0	5.0	1
10903	Chlorobenzene	108-90-7	N.D.		0.80	5.0	1
10903	Chloroethane	75-00-3	N.D.		1.0	5.0	1
10903	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.						
10903	Chloroform	67-66-3	N.D.		0.80	5.0	1
10903	Chloromethane	74-87-3	N.D.		1.0	5.0	1
10903	Dibromochloromethane	124-48-1	N.D.		1.0	5.0	1
10903	Dibromomethane	74-95-3	N.D.		1.0	5.0	1
10903	1,2-Dichlorobenzene	95-50-1	N.D.		1.0	5.0	1
10903	1,3-Dichlorobenzene	541-73-1	N.D.		1.0	5.0	1
10903	1,4-Dichlorobenzene	106-46-7	N.D.		1.0	5.0	1
10903	Dichlorodifluoromethane	75-71-8	N.D.		2.0	5.0	1
10903	1,1-Dichloroethane	75-34-3	N.D.		1.0	5.0	1
10903	1,2-Dichloroethane	107-06-2	N.D.		1.0	5.0	1
10903	1,1-Dichloroethene	75-35-4	N.D.		0.80	5.0	1
10903	cis-1,2-Dichloroethene	156-59-2	35		0.80	5.0	1
10903	trans-1,2-Dichloroethene	156-60-5	1.1	J	0.80	5.0	1
10903	1,2-Dichloropropane	78-87-5	N.D.		1.0	5.0	1
10903	cis-1,3-Dichloropropene	10061-01-5	N.D.		1.0	5.0	1
10903	trans-1,3-Dichloropropene	10061-02-6	N.D.		1.0	5.0	1
10903	Methylene Chloride	75-09-2	N.D.		2.0	5.0	1
10903	1,1,1,2-Tetrachloroethane	630-20-6	N.D.		1.0	5.0	1
10903	1,1,2,2-Tetrachloroethane	79-34-5	N.D.		1.0	5.0	1
10903	Tetrachloroethene	127-18-4	N.D.		0.80	5.0	1
10903	1,1,1-Trichloroethane	71-55-6	N.D.		0.80	5.0	1
10903	1,1,2-Trichloroethane	79-00-5	N.D.		0.80	5.0	1
10903	Trichloroethene	79-01-6	N.D.		1.0	5.0	1
10903	Trichlorofluoromethane	75-69-4	N.D.		2.0	5.0	1
10903	1,2,3-Trichloropropane	96-18-4	N.D.		1.0	5.0	1
10903	Vinyl Chloride	75-01-4	1.2	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

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Analysis Report

Sample Description: **P-4 Water**
BP Sanborn COC: 187364
2040 Cory Drive - Sanborn, NY P-4

LLI Sample # WW 6524420
LLI Group # 1285447
Account # 12495

Project Name: BP Sanborn

Collected: 01/17/2012 08:15 by RCB

Submitted: 01/18/2012 09:15
Reported: 01/25/2012 19:53

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

-P-4-

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
10903	VOCs 8260 Parsons Specs List	SW-846 8260B	1	T120192AA	01/19/2012 14:07	Linda C Pape	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	T120192AA	01/19/2012 14:07	Linda C Pape	1

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

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Analysis Report

Sample Description: P-3 Water
BP Sanborn COC: 187364
2040 Cory Drive - Sanborn, NY P-3

LLI Sample # WW 6524421
LLI Group # 1285447
Account # 12495

Project Name: BP Sanborn

Collected: 01/17/2012 08:05 by RCB

Submitted: 01/18/2012 09:15
Reported: 01/25/2012 19:53

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

-P-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	
10903	Benzyl Chloride	100-44-7	N.D.		10	50	10
10903	Bromobenzene	108-86-1	N.D.		10	50	10
10903	Bromodichloromethane	75-27-4	N.D.		10	50	10
10903	Bromoform	75-25-2	N.D.		10	50	10
10903	Bromomethane	74-83-9	N.D.		10	50	10
10903	Carbon Tetrachloride	56-23-5	N.D.		10	50	10
10903	Chlorobenzene	108-90-7	N.D.		8.0	50	10
10903	Chloroethane	75-00-3	N.D.		10	50	10
10903	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.						
10903	Chloroform	67-66-3	N.D.		8.0	50	10
10903	Chloromethane	74-87-3	N.D.		10	50	10
10903	Dibromochloromethane	124-48-1	N.D.		10	50	10
10903	Dibromomethane	74-95-3	N.D.		10	50	10
10903	1,2-Dichlorobenzene	95-50-1	N.D.		10	50	10
10903	1,3-Dichlorobenzene	541-73-1	N.D.		10	50	10
10903	1,4-Dichlorobenzene	106-46-7	N.D.		10	50	10
10903	Dichlorodifluoromethane	75-71-8	N.D.		20	50	10
10903	1,1-Dichloroethane	75-34-3	N.D.		10	50	10
10903	1,2-Dichloroethane	107-06-2	270		10	50	10
10903	1,1-Dichloroethene	75-35-4	N.D.		8.0	50	10
10903	cis-1,2-Dichloroethene	156-59-2	29	J	8.0	50	10
10903	trans-1,2-Dichloroethene	156-60-5	N.D.		8.0	50	10
10903	1,2-Dichloropropane	78-87-5	N.D.		10	50	10
10903	cis-1,3-Dichloropropene	10061-01-5	N.D.		10	50	10
10903	trans-1,3-Dichloropropene	10061-02-6	N.D.		10	50	10
10903	Methylene Chloride	75-09-2	N.D.		20	50	10
10903	1,1,1,2-Tetrachloroethane	630-20-6	N.D.		10	50	10
10903	1,1,2,2-Tetrachloroethane	79-34-5	N.D.		10	50	10
10903	Tetrachloroethene	127-18-4	N.D.		8.0	50	10
10903	1,1,1-Trichloroethane	71-55-6	N.D.		8.0	50	10
10903	1,1,2-Trichloroethane	79-00-5	15	J	8.0	50	10
10903	Trichloroethene	79-01-6	21	J	10	50	10
10903	Trichlorofluoromethane	75-69-4	N.D.		20	50	10
10903	1,2,3-Trichloropropane	96-18-4	N.D.		10	50	10
10903	Vinyl Chloride	75-01-4	N.D.		10	50	10

The reporting limits for the GC/MS volatile compounds were raised, because insufficient sample volume remained to perform an undiluted analysis.

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

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Analysis Report

Sample Description: P-3 Water
BP Sanborn COC: 187364
2040 Cory Drive - Sanborn, NY P-3

LLI Sample # WW 6524421
LLI Group # 1285447
Account # 12495

Project Name: BP Sanborn

Collected: 01/17/2012 08:05 by RCB

Submitted: 01/18/2012 09:15
Reported: 01/25/2012 19:53

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

-P-3-

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
10903	VOCs 8260 Parsons Specs List	SW-846 8260B	1	T120201AA	01/20/2012 18:50	Sara E Johnson	10
01163	GC/MS VOA Water Prep	SW-846 5030B	1	T120201AA	01/20/2012 18:50	Sara E Johnson	10

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

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Analysis Report

Sample Description: Field Dup#2 Water
BP Sanborn COC: 187364
2040 Cory Drive - Sanborn, NY Field Dup#2

LLI Sample # WW 6524422
LLI Group # 1285447
Account # 12495

Project Name: BP Sanborn

Collected: 01/17/2012 by RCB

Submitted: 01/18/2012 09:15
Reported: 01/25/2012 19:53

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

SBFD2

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	
10903	Benzyl Chloride	100-44-7	N.D.		1.0	5.0	1
10903	Bromobenzene	108-86-1	N.D.		1.0	5.0	1
10903	Bromodichloromethane	75-27-4	N.D.		1.0	5.0	1
10903	Bromoform	75-25-2	N.D.		1.0	5.0	1
10903	Bromomethane	74-83-9	N.D.		1.0	5.0	1
10903	Carbon Tetrachloride	56-23-5	N.D.		1.0	5.0	1
10903	Chlorobenzene	108-90-7	N.D.		0.80	5.0	1
10903	Chloroethane	75-00-3	N.D.		1.0	5.0	1
10903	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.						
10903	Chloroform	67-66-3	N.D.		0.80	5.0	1
10903	Chloromethane	74-87-3	N.D.		1.0	5.0	1
10903	Dibromochloromethane	124-48-1	N.D.		1.0	5.0	1
10903	Dibromomethane	74-95-3	N.D.		1.0	5.0	1
10903	1,2-Dichlorobenzene	95-50-1	N.D.		1.0	5.0	1
10903	1,3-Dichlorobenzene	541-73-1	N.D.		1.0	5.0	1
10903	1,4-Dichlorobenzene	106-46-7	N.D.		1.0	5.0	1
10903	Dichlorodifluoromethane	75-71-8	N.D.		2.0	5.0	1
10903	1,1-Dichloroethane	75-34-3	N.D.		1.0	5.0	1
10903	1,2-Dichloroethane	107-06-2	N.D.		1.0	5.0	1
10903	1,1-Dichloroethene	75-35-4	N.D.		0.80	5.0	1
10903	cis-1,2-Dichloroethene	156-59-2	N.D.		0.80	5.0	1
10903	trans-1,2-Dichloroethene	156-60-5	N.D.		0.80	5.0	1
10903	1,2-Dichloropropane	78-87-5	N.D.		1.0	5.0	1
10903	cis-1,3-Dichloropropene	10061-01-5	N.D.		1.0	5.0	1
10903	trans-1,3-Dichloropropene	10061-02-6	N.D.		1.0	5.0	1
10903	Methylene Chloride	75-09-2	N.D.		2.0	5.0	1
10903	1,1,1,2-Tetrachloroethane	630-20-6	N.D.		1.0	5.0	1
10903	1,1,2,2-Tetrachloroethane	79-34-5	N.D.		1.0	5.0	1
10903	Tetrachloroethene	127-18-4	N.D.		0.80	5.0	1
10903	1,1,1-Trichloroethane	71-55-6	N.D.		0.80	5.0	1
10903	1,1,2-Trichloroethane	79-00-5	N.D.		0.80	5.0	1
10903	Trichloroethene	79-01-6	1.9	J	1.0	5.0	1
10903	Trichlorofluoromethane	75-69-4	N.D.		2.0	5.0	1
10903	1,2,3-Trichloropropane	96-18-4	N.D.		1.0	5.0	1
10903	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

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Analysis Report

Sample Description: **Field Dup#2 Water**
BP Sanborn COC: 187364
2040 Cory Drive - Sanborn, NY Field Dup#2

LLI Sample # WW 6524422
LLI Group # 1285447
Account # 12495

Project Name: BP Sanborn

Collected: 01/17/2012 by RCB

Submitted: 01/18/2012 09:15
Reported: 01/25/2012 19:53

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

SBFD2

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
10903	VOCs 8260 Parsons Specs List	SW-846 8260B	1	T120192AA	01/19/2012 14:54	Linda C Pape	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	T120192AA	01/19/2012 14:54	Linda C Pape	1

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Analysis Report

Sample Description: B-9 Water
BP Sanborn COC: 187364
2040 Cory Drive - Sanborn, NY B-9

LLI Sample # WW 6524423
LLI Group # 1285447
Account # 12495

Project Name: BP Sanborn

Collected: 01/17/2012 09:45 by RCB

Submitted: 01/18/2012 09:15
Reported: 01/25/2012 19:53

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

-B-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	
10903	Benzyl Chloride	100-44-7	N.D.	1.0	5.0	1
10903	Bromobenzene	108-86-1	N.D.	1.0	5.0	1
10903	Bromodichloromethane	75-27-4	N.D.	1.0	5.0	1
10903	Bromoform	75-25-2	N.D.	1.0	5.0	1
10903	Bromomethane	74-83-9	N.D.	1.0	5.0	1
10903	Carbon Tetrachloride	56-23-5	N.D.	1.0	5.0	1
10903	Chlorobenzene	108-90-7	N.D.	0.80	5.0	1
10903	Chloroethane	75-00-3	N.D.	1.0	5.0	1
10903	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.					
10903	Chloroform	67-66-3	N.D.	0.80	5.0	1
10903	Chloromethane	74-87-3	N.D.	1.0	5.0	1
10903	Dibromochloromethane	124-48-1	N.D.	1.0	5.0	1
10903	Dibromomethane	74-95-3	N.D.	1.0	5.0	1
10903	1,2-Dichlorobenzene	95-50-1	N.D.	1.0	5.0	1
10903	1,3-Dichlorobenzene	541-73-1	N.D.	1.0	5.0	1
10903	1,4-Dichlorobenzene	106-46-7	N.D.	1.0	5.0	1
10903	Dichlorodifluoromethane	75-71-8	N.D.	2.0	5.0	1
10903	1,1-Dichloroethane	75-34-3	N.D.	1.0	5.0	1
10903	1,2-Dichloroethane	107-06-2	N.D.	1.0	5.0	1
10903	1,1-Dichloroethene	75-35-4	N.D.	0.80	5.0	1
10903	cis-1,2-Dichloroethene	156-59-2	N.D.	0.80	5.0	1
10903	trans-1,2-Dichloroethene	156-60-5	N.D.	0.80	5.0	1
10903	1,2-Dichloropropane	78-87-5	N.D.	1.0	5.0	1
10903	cis-1,3-Dichloropropene	10061-01-5	N.D.	1.0	5.0	1
10903	trans-1,3-Dichloropropene	10061-02-6	N.D.	1.0	5.0	1
10903	Methylene Chloride	75-09-2	N.D.	2.0	5.0	1
10903	1,1,1,2-Tetrachloroethane	630-20-6	N.D.	1.0	5.0	1
10903	1,1,2,2-Tetrachloroethane	79-34-5	N.D.	1.0	5.0	1
10903	Tetrachloroethene	127-18-4	N.D.	0.80	5.0	1
10903	1,1,1-Trichloroethane	71-55-6	N.D.	0.80	5.0	1
10903	1,1,2-Trichloroethane	79-00-5	N.D.	0.80	5.0	1
10903	Trichloroethene	79-01-6	N.D.	1.0	5.0	1
10903	Trichlorofluoromethane	75-69-4	N.D.	2.0	5.0	1
10903	1,2,3-Trichloropropane	96-18-4	N.D.	1.0	5.0	1
10903	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

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Analysis Report

Sample Description: B-9 Water
BP Sanborn COC: 187364
2040 Cory Drive - Sanborn, NY B-9

LLI Sample # WW 6524423
LLI Group # 1285447
Account # 12495

Project Name: BP Sanborn

Collected: 01/17/2012 09:45 by RCB

Submitted: 01/18/2012 09:15
Reported: 01/25/2012 19:53

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

-B-9-

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
10903	VOCs 8260 Parsons Specs List	SW-846 8260B	1	T120201AA	01/20/2012 15:15	Chelsea B Eastep	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	T120201AA	01/20/2012 15:15	Chelsea B Eastep	1

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Analysis Report

Sample Description: B-8 Water
BP Sanborn COC: 187364
2040 Cory Drive - Sanborn, NY B-8

LLI Sample # WW 6524424
LLI Group # 1285447
Account # 12495

Project Name: BP Sanborn

Collected: 01/17/2012 09:00 by RCB

Submitted: 01/18/2012 09:15
Reported: 01/25/2012 19:53

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

-B-8-

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	
10903	Benzyl Chloride	100-44-7	N.D.	1.0	5.0	1
10903	Bromobenzene	108-86-1	N.D.	1.0	5.0	1
10903	Bromodichloromethane	75-27-4	N.D.	1.0	5.0	1
10903	Bromoform	75-25-2	N.D.	1.0	5.0	1
10903	Bromomethane	74-83-9	N.D.	1.0	5.0	1
10903	Carbon Tetrachloride	56-23-5	N.D.	1.0	5.0	1
10903	Chlorobenzene	108-90-7	N.D.	0.80	5.0	1
10903	Chloroethane	75-00-3	N.D.	1.0	5.0	1
10903	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.					
10903	Chloroform	67-66-3	N.D.	0.80	5.0	1
10903	Chloromethane	74-87-3	N.D.	1.0	5.0	1
10903	Dibromochloromethane	124-48-1	N.D.	1.0	5.0	1
10903	Dibromomethane	74-95-3	N.D.	1.0	5.0	1
10903	1,2-Dichlorobenzene	95-50-1	N.D.	1.0	5.0	1
10903	1,3-Dichlorobenzene	541-73-1	N.D.	1.0	5.0	1
10903	1,4-Dichlorobenzene	106-46-7	N.D.	1.0	5.0	1
10903	Dichlorodifluoromethane	75-71-8	N.D.	2.0	5.0	1
10903	1,1-Dichloroethane	75-34-3	N.D.	1.0	5.0	1
10903	1,2-Dichloroethane	107-06-2	N.D.	1.0	5.0	1
10903	1,1-Dichloroethene	75-35-4	9.7	0.80	5.0	1
10903	cis-1,2-Dichloroethene	156-59-2	1,300	160	1,000	200
10903	trans-1,2-Dichloroethene	156-60-5	11	0.80	5.0	1
10903	1,2-Dichloropropane	78-87-5	N.D.	1.0	5.0	1
10903	cis-1,3-Dichloropropene	10061-01-5	N.D.	1.0	5.0	1
10903	trans-1,3-Dichloropropene	10061-02-6	N.D.	1.0	5.0	1
10903	Methylene Chloride	75-09-2	N.D.	2.0	5.0	1
10903	1,1,1,2-Tetrachloroethane	630-20-6	N.D.	1.0	5.0	1
10903	1,1,2,2-Tetrachloroethane	79-34-5	N.D.	1.0	5.0	1
10903	Tetrachloroethene	127-18-4	4.5 J	0.80	5.0	1
10903	1,1,1-Trichloroethane	71-55-6	N.D.	0.80	5.0	1
10903	1,1,2-Trichloroethane	79-00-5	N.D.	0.80	5.0	1
10903	Trichloroethene	79-01-6	35,000	200	1,000	200
10903	Trichlorofluoromethane	75-69-4	N.D.	2.0	5.0	1
10903	1,2,3-Trichloropropane	96-18-4	N.D.	1.0	5.0	1
10903	Vinyl Chloride	75-01-4	52	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

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Analysis Report

Sample Description: B-8 Water
BP Sanborn COC: 187364
2040 Cory Drive - Sanborn, NY B-8

LLI Sample # WW 6524424
LLI Group # 1285447
Account # 12495

Project Name: BP Sanborn

Collected: 01/17/2012 09:00 by RCB

Submitted: 01/18/2012 09:15
Reported: 01/25/2012 19:53

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

-B-8-

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
10903	VOCs 8260 Parsons Specs List	SW-846 8260B	1	T120201AA	01/20/2012 15:39	Sara E Johnson	1
10903	VOCs 8260 Parsons Specs List	SW-846 8260B	1	T120241AA	01/24/2012 02:51	Angela D Sneeringer	200
01163	GC/MS VOA Water Prep	SW-846 5030B	1	T120201AA	01/20/2012 15:39	Sara E Johnson	1
01163	GC/MS VOA Water Prep	SW-846 5030B	2	T120241AA	01/24/2012 02:51	Angela D Sneeringer	200

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Analysis Report

Sample Description: B-8 Matrix Spike Water
BP Sanborn COC: 187365
2040 Cory Drive - Sanborn, NY B-8

LLI Sample # WW 6524425
LLI Group # 1285447
Account # 12495

Project Name: BP Sanborn

Collected: 01/17/2012 09:00 by RCB

Submitted: 01/18/2012 09:15
Reported: 01/25/2012 19:53

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

-B-8-

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	
10903	Benzyl Chloride	100-44-7	19		1.0	5.0	1
10903	Bromobenzene	108-86-1	19		1.0	5.0	1
10903	Bromodichloromethane	75-27-4	22		1.0	5.0	1
10903	Bromoform	75-25-2	19		1.0	5.0	1
10903	Bromomethane	74-83-9	22		1.0	5.0	1
10903	Carbon Tetrachloride	56-23-5	21		1.0	5.0	1
10903	Chlorobenzene	108-90-7	19		0.80	5.0	1
10903	Chloroethane	75-00-3	22		1.0	5.0	1
10903	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.						
10903	Chloroform	67-66-3	23		0.80	5.0	1
10903	Chloromethane	74-87-3	21		1.0	5.0	1
10903	Dibromochloromethane	124-48-1	21		1.0	5.0	1
10903	Dibromomethane	74-95-3	20		1.0	5.0	1
10903	1,2-Dichlorobenzene	95-50-1	18		1.0	5.0	1
10903	1,3-Dichlorobenzene	541-73-1	19		1.0	5.0	1
10903	1,4-Dichlorobenzene	106-46-7	19		1.0	5.0	1
10903	Dichlorodifluoromethane	75-71-8	19		2.0	5.0	1
10903	1,1-Dichloroethane	75-34-3	23		1.0	5.0	1
10903	1,2-Dichloroethane	107-06-2	25		1.0	5.0	1
10903	1,1-Dichloroethene	75-35-4	32		0.80	5.0	1
10903	cis-1,2-Dichloroethene	156-59-2	1,400	E	0.80	5.0	1
10903	trans-1,2-Dichloroethene	156-60-5	33		0.80	5.0	1
10903	1,2-Dichloropropane	78-87-5	18		1.0	5.0	1
10903	cis-1,3-Dichloropropene	10061-01-5	19		1.0	5.0	1
10903	trans-1,3-Dichloropropene	10061-02-6	19		1.0	5.0	1
10903	Methylene Chloride	75-09-2	23		2.0	5.0	1
10903	1,1,1,2-Tetrachloroethane	630-20-6	22		1.0	5.0	1
10903	1,1,2,2-Tetrachloroethane	79-34-5	20		1.0	5.0	1
10903	Tetrachloroethene	127-18-4	27		0.80	5.0	1
10903	1,1,1-Trichloroethane	71-55-6	23		0.80	5.0	1
10903	1,1,2-Trichloroethane	79-00-5	19		0.80	5.0	1
10903	Trichloroethene	79-01-6	4,400	E	1.0	5.0	1
10903	Trichlorofluoromethane	75-69-4	20		2.0	5.0	1
10903	1,2,3-Trichloropropane	96-18-4	18		1.0	5.0	1
10903	Vinyl Chloride	75-01-4	71		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

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Analysis Report

Sample Description: B-8 Matrix Spike Water
BP Sanborn COC: 187365
2040 Cory Drive - Sanborn, NY B-8

LLI Sample # WW 6524425
LLI Group # 1285447
Account # 12495

Project Name: BP Sanborn

Collected: 01/17/2012 09:00 by RCB

Submitted: 01/18/2012 09:15
Reported: 01/25/2012 19:53

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

-B-8-

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
10903	VOCs 8260 Parsons Specs List	SW-846 8260B	1	T120201AA	01/20/2012 16:02	Sara E Johnson	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	T120201AA	01/20/2012 16:02	Sara E Johnson	1

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

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Analysis Report

Sample Description: B-8 Matrix Spike Dup Water
BP Sanborn COC: 187365
2040 Cory Drive - Sanborn, NY B-8

LLI Sample # WW 6524426
LLI Group # 1285447
Account # 12495

Project Name: BP Sanborn

Collected: 01/17/2012 09:00 by RCB

Submitted: 01/18/2012 09:15
Reported: 01/25/2012 19:53

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

-B-8-

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	
10903	Benzyl Chloride	100-44-7	19		1.0	5.0	1
10903	Bromobenzene	108-86-1	19		1.0	5.0	1
10903	Bromodichloromethane	75-27-4	21		1.0	5.0	1
10903	Bromoform	75-25-2	18		1.0	5.0	1
10903	Bromomethane	74-83-9	22		1.0	5.0	1
10903	Carbon Tetrachloride	56-23-5	20		1.0	5.0	1
10903	Chlorobenzene	108-90-7	19		0.80	5.0	1
10903	Chloroethane	75-00-3	22		1.0	5.0	1
10903	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.						
10903	Chloroform	67-66-3	22		0.80	5.0	1
10903	Chloromethane	74-87-3	21		1.0	5.0	1
10903	Dibromochloromethane	124-48-1	21		1.0	5.0	1
10903	Dibromomethane	74-95-3	19		1.0	5.0	1
10903	1,2-Dichlorobenzene	95-50-1	19		1.0	5.0	1
10903	1,3-Dichlorobenzene	541-73-1	19		1.0	5.0	1
10903	1,4-Dichlorobenzene	106-46-7	19		1.0	5.0	1
10903	Dichlorodifluoromethane	75-71-8	20		2.0	5.0	1
10903	1,1-Dichloroethane	75-34-3	22		1.0	5.0	1
10903	1,2-Dichloroethane	107-06-2	25		1.0	5.0	1
10903	1,1-Dichloroethene	75-35-4	32		0.80	5.0	1
10903	cis-1,2-Dichloroethene	156-59-2	1,400	E	0.80	5.0	1
10903	trans-1,2-Dichloroethene	156-60-5	32		0.80	5.0	1
10903	1,2-Dichloropropane	78-87-5	17		1.0	5.0	1
10903	cis-1,3-Dichloropropene	10061-01-5	18		1.0	5.0	1
10903	trans-1,3-Dichloropropene	10061-02-6	19		1.0	5.0	1
10903	Methylene Chloride	75-09-2	23		2.0	5.0	1
10903	1,1,1,2-Tetrachloroethane	630-20-6	21		1.0	5.0	1
10903	1,1,2,2-Tetrachloroethane	79-34-5	21		1.0	5.0	1
10903	Tetrachloroethene	127-18-4	26		0.80	5.0	1
10903	1,1,1-Trichloroethane	71-55-6	23		0.80	5.0	1
10903	1,1,2-Trichloroethane	79-00-5	19		0.80	5.0	1
10903	Trichloroethene	79-01-6	4,300	E	1.0	5.0	1
10903	Trichlorofluoromethane	75-69-4	21		2.0	5.0	1
10903	1,2,3-Trichloropropane	96-18-4	18		1.0	5.0	1
10903	Vinyl Chloride	75-01-4	74		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

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Analysis Report

Sample Description: B-8 Matrix Spike Dup Water
BP Sanborn COC: 187365
2040 Cory Drive - Sanborn, NY B-8

LLI Sample # WW 6524426
LLI Group # 1285447
Account # 12495

Project Name: BP Sanborn

Collected: 01/17/2012 09:00 by RCB

Submitted: 01/18/2012 09:15
Reported: 01/25/2012 19:53

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

-B-8-

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
10903	VOCs 8260 Parsons Specs List	SW-846 8260B	1	T120201AA	01/20/2012 16:27	Sara E Johnson	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	T120201AA	01/20/2012 16:27	Sara E Johnson	1

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

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Analysis Report

Sample Description: Field Dup#1A Water
BP Sanborn COC: 187365
2040 Cory Drive - Sanborn, NY Field Dup#1A

LLI Sample # WW 6524427
LLI Group # 1285447
Account # 12495

Project Name: BP Sanborn

Collected: 01/17/2012 by RCB

Submitted: 01/18/2012 09:15
Reported: 01/25/2012 19:53

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

SBFD1

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	
10903	Benzyl Chloride	100-44-7	N.D.		1.0	5.0	1
10903	Bromobenzene	108-86-1	N.D.		1.0	5.0	1
10903	Bromodichloromethane	75-27-4	N.D.		1.0	5.0	1
10903	Bromoform	75-25-2	N.D.		1.0	5.0	1
10903	Bromomethane	74-83-9	N.D.		1.0	5.0	1
10903	Carbon Tetrachloride	56-23-5	N.D.		1.0	5.0	1
10903	Chlorobenzene	108-90-7	N.D.		0.80	5.0	1
10903	Chloroethane	75-00-3	N.D.		1.0	5.0	1
10903	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.						
10903	Chloroform	67-66-3	N.D.		0.80	5.0	1
10903	Chloromethane	74-87-3	N.D.		1.0	5.0	1
10903	Dibromochloromethane	124-48-1	N.D.		1.0	5.0	1
10903	Dibromomethane	74-95-3	N.D.		1.0	5.0	1
10903	1,2-Dichlorobenzene	95-50-1	N.D.		1.0	5.0	1
10903	1,3-Dichlorobenzene	541-73-1	N.D.		1.0	5.0	1
10903	1,4-Dichlorobenzene	106-46-7	N.D.		1.0	5.0	1
10903	Dichlorodifluoromethane	75-71-8	N.D.		2.0	5.0	1
10903	1,1-Dichloroethane	75-34-3	N.D.		1.0	5.0	1
10903	1,2-Dichloroethane	107-06-2	N.D.		1.0	5.0	1
10903	1,1-Dichloroethene	75-35-4	N.D.		0.80	5.0	1
10903	cis-1,2-Dichloroethene	156-59-2	22		0.80	5.0	1
10903	trans-1,2-Dichloroethene	156-60-5	0.81	J	0.80	5.0	1
10903	1,2-Dichloropropane	78-87-5	N.D.		1.0	5.0	1
10903	cis-1,3-Dichloropropene	10061-01-5	N.D.		1.0	5.0	1
10903	trans-1,3-Dichloropropene	10061-02-6	N.D.		1.0	5.0	1
10903	Methylene Chloride	75-09-2	N.D.		2.0	5.0	1
10903	1,1,1,2-Tetrachloroethane	630-20-6	N.D.		1.0	5.0	1
10903	1,1,2,2-Tetrachloroethane	79-34-5	N.D.		1.0	5.0	1
10903	Tetrachloroethene	127-18-4	N.D.		0.80	5.0	1
10903	1,1,1-Trichloroethane	71-55-6	N.D.		0.80	5.0	1
10903	1,1,2-Trichloroethane	79-00-5	N.D.		0.80	5.0	1
10903	Trichloroethene	79-01-6	280		1.0	5.0	1
10903	Trichlorofluoromethane	75-69-4	N.D.		2.0	5.0	1
10903	1,2,3-Trichloropropane	96-18-4	N.D.		1.0	5.0	1
10903	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

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Analysis Report

Sample Description: **Field Dup#1A Water**
BP Sanborn COC: 187365
2040 Cory Drive - Sanborn, NY Field Dup#1A

LLI Sample # WW 6524427
LLI Group # 1285447
Account # 12495

Project Name: BP Sanborn

Collected: 01/17/2012 by RCB

Submitted: 01/18/2012 09:15
Reported: 01/25/2012 19:53

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

SBFD1

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
10903	VOCs 8260 Parsons Specs List	SW-846 8260B	1	T120192AA	01/19/2012 15:19	Linda C Pape	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	T120192AA	01/19/2012 15:19	Linda C Pape	1

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

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Analysis Report

Sample Description: B-49 redo Water
BP Sanborn COC: 187365
2040 Cory Drive - Sanborn, NY B-49 redo

LLI Sample # WW 6524428
LLI Group # 1285447
Account # 12495

Project Name: BP Sanborn

Collected: 01/17/2012 14:45 by RCB

Submitted: 01/18/2012 09:15
Reported: 01/25/2012 19:53

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

-B-49

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	
10903	Benzyl Chloride	100-44-7	N.D.	1.0	5.0	1
10903	Bromobenzene	108-86-1	N.D.	1.0	5.0	1
10903	Bromodichloromethane	75-27-4	N.D.	1.0	5.0	1
10903	Bromoform	75-25-2	N.D.	1.0	5.0	1
10903	Bromomethane	74-83-9	N.D.	1.0	5.0	1
10903	Carbon Tetrachloride	56-23-5	N.D.	1.0	5.0	1
10903	Chlorobenzene	108-90-7	N.D.	0.80	5.0	1
10903	Chloroethane	75-00-3	N.D.	1.0	5.0	1
10903	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.					
10903	Chloroform	67-66-3	N.D.	0.80	5.0	1
10903	Chloromethane	74-87-3	N.D.	1.0	5.0	1
10903	Dibromochloromethane	124-48-1	N.D.	1.0	5.0	1
10903	Dibromomethane	74-95-3	N.D.	1.0	5.0	1
10903	1,2-Dichlorobenzene	95-50-1	N.D.	1.0	5.0	1
10903	1,3-Dichlorobenzene	541-73-1	N.D.	1.0	5.0	1
10903	1,4-Dichlorobenzene	106-46-7	N.D.	1.0	5.0	1
10903	Dichlorodifluoromethane	75-71-8	N.D.	2.0	5.0	1
10903	1,1-Dichloroethane	75-34-3	N.D.	1.0	5.0	1
10903	1,2-Dichloroethane	107-06-2	N.D.	1.0	5.0	1
10903	1,1-Dichloroethene	75-35-4	N.D.	0.80	5.0	1
10903	cis-1,2-Dichloroethene	156-59-2	N.D.	0.80	5.0	1
10903	trans-1,2-Dichloroethene	156-60-5	N.D.	0.80	5.0	1
10903	1,2-Dichloropropane	78-87-5	N.D.	1.0	5.0	1
10903	cis-1,3-Dichloropropene	10061-01-5	N.D.	1.0	5.0	1
10903	trans-1,3-Dichloropropene	10061-02-6	N.D.	1.0	5.0	1
10903	Methylene Chloride	75-09-2	N.D.	2.0	5.0	1
10903	1,1,1,2-Tetrachloroethane	630-20-6	N.D.	1.0	5.0	1
10903	1,1,2,2-Tetrachloroethane	79-34-5	N.D.	1.0	5.0	1
10903	Tetrachloroethene	127-18-4	N.D.	0.80	5.0	1
10903	1,1,1-Trichloroethane	71-55-6	N.D.	0.80	5.0	1
10903	1,1,2-Trichloroethane	79-00-5	N.D.	0.80	5.0	1
10903	Trichloroethene	79-01-6	N.D.	1.0	5.0	1
10903	Trichlorofluoromethane	75-69-4	N.D.	2.0	5.0	1
10903	1,2,3-Trichloropropane	96-18-4	N.D.	1.0	5.0	1
10903	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

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Analysis Report

Sample Description: B-49 redo Water
BP Sanborn COC: 187365
2040 Cory Drive - Sanborn, NY B-49 redo

LLI Sample # WW 6524428
LLI Group # 1285447
Account # 12495

Project Name: BP Sanborn

Collected: 01/17/2012 14:45 by RCB

Submitted: 01/18/2012 09:15
Reported: 01/25/2012 19:53

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

-B-49

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
10903	VOCs 8260 Parsons Specs List	SW-846 8260B	1	T120192AA	01/19/2012 15:43	Linda C Pape	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	T120192AA	01/19/2012 15:43	Linda C Pape	1

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

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Analysis Report

Sample Description: B-19 redo Water
BP Sanborn COC: 187365
2040 Cory Drive - Sanborn, NY B-19 redo

LLI Sample # WW 6524429
LLI Group # 1285447
Account # 12495

Project Name: BP Sanborn

Collected: 01/17/2012 15:25 by RCB

Submitted: 01/18/2012 09:15
Reported: 01/25/2012 19:53

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

-B-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	
10903	Benzyl Chloride	100-44-7	N.D.		1.0	5.0	1
10903	Bromobenzene	108-86-1	N.D.		1.0	5.0	1
10903	Bromodichloromethane	75-27-4	N.D.		1.0	5.0	1
10903	Bromoform	75-25-2	N.D.		1.0	5.0	1
10903	Bromomethane	74-83-9	N.D.		1.0	5.0	1
10903	Carbon Tetrachloride	56-23-5	N.D.		1.0	5.0	1
10903	Chlorobenzene	108-90-7	N.D.		0.80	5.0	1
10903	Chloroethane	75-00-3	N.D.		1.0	5.0	1
10903	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.						
10903	Chloroform	67-66-3	N.D.		0.80	5.0	1
10903	Chloromethane	74-87-3	N.D.		1.0	5.0	1
10903	Dibromochloromethane	124-48-1	N.D.		1.0	5.0	1
10903	Dibromomethane	74-95-3	N.D.		1.0	5.0	1
10903	1,2-Dichlorobenzene	95-50-1	N.D.		1.0	5.0	1
10903	1,3-Dichlorobenzene	541-73-1	N.D.		1.0	5.0	1
10903	1,4-Dichlorobenzene	106-46-7	N.D.		1.0	5.0	1
10903	Dichlorodifluoromethane	75-71-8	N.D.		2.0	5.0	1
10903	1,1-Dichloroethane	75-34-3	N.D.		1.0	5.0	1
10903	1,2-Dichloroethane	107-06-2	N.D.		1.0	5.0	1
10903	1,1-Dichloroethene	75-35-4	N.D.		0.80	5.0	1
10903	cis-1,2-Dichloroethene	156-59-2	2.9	J	0.80	5.0	1
10903	trans-1,2-Dichloroethene	156-60-5	N.D.		0.80	5.0	1
10903	1,2-Dichloropropane	78-87-5	N.D.		1.0	5.0	1
10903	cis-1,3-Dichloropropene	10061-01-5	N.D.		1.0	5.0	1
10903	trans-1,3-Dichloropropene	10061-02-6	N.D.		1.0	5.0	1
10903	Methylene Chloride	75-09-2	N.D.		2.0	5.0	1
10903	1,1,1,2-Tetrachloroethane	630-20-6	N.D.		1.0	5.0	1
10903	1,1,2,2-Tetrachloroethane	79-34-5	N.D.		1.0	5.0	1
10903	Tetrachloroethene	127-18-4	N.D.		0.80	5.0	1
10903	1,1,1-Trichloroethane	71-55-6	N.D.		0.80	5.0	1
10903	1,1,2-Trichloroethane	79-00-5	N.D.		0.80	5.0	1
10903	Trichloroethene	79-01-6	N.D.		1.0	5.0	1
10903	Trichlorofluoromethane	75-69-4	N.D.		2.0	5.0	1
10903	1,2,3-Trichloropropane	96-18-4	N.D.		1.0	5.0	1
10903	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

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Analysis Report

Sample Description: B-19 redo Water
BP Sanborn COC: 187365
2040 Cory Drive - Sanborn, NY B-19 redo

LLI Sample # WW 6524429
LLI Group # 1285447
Account # 12495

Project Name: BP Sanborn

Collected: 01/17/2012 15:25 by RCB

Submitted: 01/18/2012 09:15
Reported: 01/25/2012 19:53

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

-B-19

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
10903	VOCs 8260 Parsons Specs List	SW-846 8260B	1	T120192AA	01/19/2012 16:07	Linda C Pape	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	T120192AA	01/19/2012 16:07	Linda C Pape	1

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

Quality Control Summary

Client Name: Atlantic Richfield(Parsons-NY) Group Number: 1285447
Reported: 01/25/12 at 07:53 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: T120192AA	Sample number(s): 6524419-6524420,6524422,6524427-6524429								
Benzyl Chloride	N.D.	1.0	5.0	ug/l	86		69-120		
Bromobenzene	N.D.	1.0	5.0	ug/l	93		80-120		
Bromodichloromethane	N.D.	1.0	5.0	ug/l	92		80-120		
Bromoform	N.D.	1.0	5.0	ug/l	80		61-120		
Bromomethane	N.D.	1.0	5.0	ug/l	83		44-120		
Carbon Tetrachloride	N.D.	1.0	5.0	ug/l	86		75-123		
Chlorobenzene	N.D.	0.80	5.0	ug/l	93		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	104		56-129		
Chloroform	N.D.	0.80	5.0	ug/l	102		77-122		
Chloromethane	N.D.	1.0	5.0	ug/l	92		60-129		
Dibromochloromethane	N.D.	1.0	5.0	ug/l	92		80-120		
Dibromomethane	N.D.	1.0	5.0	ug/l	104		80-120		
1,2-Dichlorobenzene	N.D.	1.0	5.0	ug/l	92		80-120		
1,3-Dichlorobenzene	N.D.	1.0	5.0	ug/l	94		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	78		47-120		
1,1-Dichloroethane	N.D.	1.0	5.0	ug/l	103		79-120		
1,2-Dichloroethane	N.D.	1.0	5.0	ug/l	115		70-130		
1,1-Dichloroethene	N.D.	0.80	5.0	ug/l	94		74-123		
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	97		80-120		
1,2-Dichloropropane	N.D.	1.0	5.0	ug/l	103		78-120		
cis-1,3-Dichloropropene	N.D.	1.0	5.0	ug/l	86		80-120		
trans-1,3-Dichloropropene	N.D.	1.0	5.0	ug/l	85		79-120		
Methylene Chloride	N.D.	2.0	5.0	ug/l	105		80-120		
1,1,1,2-Tetrachloroethane	N.D.	1.0	5.0	ug/l	100		80-120		
1,1,2,2-Tetrachloroethane	N.D.	1.0	5.0	ug/l	95		71-120		
Tetrachloroethene	N.D.	0.80	5.0	ug/l	96		80-121		
1,1,1-Trichloroethane	N.D.	0.80	5.0	ug/l	95		75-127		
1,1,2-Trichloroethane	N.D.	0.80	5.0	ug/l	99		80-120		
Trichloroethene	N.D.	1.0	5.0	ug/l	98		80-120		
Trichlorofluoromethane	N.D.	2.0	5.0	ug/l	86		64-129		
1,2,3-Trichloropropane	N.D.	1.0	5.0	ug/l	87		80-120		
Vinyl Chloride	N.D.	1.0	5.0	ug/l	94		65-125		
Batch number: T120201AA	Sample number(s): 6524415-6524418,6524421,6524423-6524426								
Benzyl Chloride	N.D.	1.0	5.0	ug/l	82		69-120		
Bromobenzene	N.D.	1.0	5.0	ug/l	91		80-120		
Bromodichloromethane	N.D.	1.0	5.0	ug/l	91		80-120		
Bromoform	N.D.	1.0	5.0	ug/l	77		61-120		
Bromomethane	N.D.	1.0	5.0	ug/l	95		44-120		
Carbon Tetrachloride	N.D.	1.0	5.0	ug/l	89		75-123		
Chlorobenzene	N.D.	0.80	5.0	ug/l	91		80-120		
Chloroethane	N.D.	1.0	5.0	ug/l	95		49-129		

*- 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: 1285447
Reported: 01/25/12 at 07:53 PM

Analysis Name	Blank Result	Blank MDL**	Blank LOQ	Report Units	LCS %REC	LCSD %REC	LCS/LCSD Limits	RPD	RPD Max
2-Chloroethyl Vinyl Ether	N.D.	2.0	10	ug/l	101		56-129		
Chloroform	N.D.	0.80	5.0	ug/l	101		77-122		
Chloromethane	N.D.	1.0	5.0	ug/l	96		60-129		
Dibromochloromethane	N.D.	1.0	5.0	ug/l	91		80-120		
Dibromomethane	N.D.	1.0	5.0	ug/l	105		80-120		
1,2-Dichlorobenzene	N.D.	1.0	5.0	ug/l	89		80-120		
1,3-Dichlorobenzene	N.D.	1.0	5.0	ug/l	92		80-120		
1,4-Dichlorobenzene	N.D.	1.0	5.0	ug/l	90		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	103		79-120		
1,2-Dichloroethane	N.D.	1.0	5.0	ug/l	115		70-130		
1,1-Dichloroethene	N.D.	0.80	5.0	ug/l	95		74-123		
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	101		78-120		
cis-1,3-Dichloropropene	N.D.	1.0	5.0	ug/l	86		80-120		
trans-1,3-Dichloropropene	N.D.	1.0	5.0	ug/l	83		79-120		
Methylene Chloride	N.D.	2.0	5.0	ug/l	105		80-120		
1,1,1,2-Tetrachloroethane	N.D.	1.0	5.0	ug/l	99		80-120		
1,1,2,2-Tetrachloroethane	N.D.	1.0	5.0	ug/l	94		71-120		
Tetrachloroethene	N.D.	0.80	5.0	ug/l	99		80-121		
1,1,1-Trichloroethane	N.D.	0.80	5.0	ug/l	97		75-127		
1,1,2-Trichloroethane	N.D.	0.80	5.0	ug/l	95		80-120		
Trichloroethene	N.D.	1.0	5.0	ug/l	99		80-120		
Trichlorofluoromethane	N.D.	2.0	5.0	ug/l	87		64-129		
1,2,3-Trichloropropane	N.D.	1.0	5.0	ug/l	84		80-120		
Vinyl Chloride	N.D.	1.0	5.0	ug/l	96		65-125		
Batch number: T120241AA	Sample number(s): 6524424								
cis-1,2-Dichloroethene	N.D.	0.80	5.0	ug/l	94		80-120		
Trichloroethene	N.D.	1.0	5.0	ug/l	102		80-120		

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: T120192AA	Sample number(s): 6524419-6524420,6524422,6524427-6524429 UNSPK: P526260								
Benzyl Chloride	80	70	62-120	14	30				
Bromobenzene	91	82	82-115	10	30				
Bromodichloromethane	95	83	78-125	14	30				
Bromoform	76	64	60-121	16	30				
Bromomethane	92	80	38-149	14	30				
Carbon Tetrachloride	136 (2)	-158 (2)	81-138	11	30				
Chlorobenzene	92	81*	87-124	13	30				
Chloroethane	100	90	51-145	10	30				
2-Chloroethyl Vinyl Ether	11	0*	10-151	200*	30				
Chloroform	96 (2)	43 (2)	81-134	8	30				
Chloromethane	94	89	67-154	5	30				
Dibromochloromethane	91	78	74-116	15	30				
Dibromomethane	105	90	83-119	15	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: 1285447
Reported: 01/25/12 at 07:53 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
1,2-Dichlorobenzene	91	81*	84-119	11	30				
1,3-Dichlorobenzene	93	83*	86-121	12	30				
1,4-Dichlorobenzene	92	83*	85-121	10	30				
Dichlorodifluoromethane	86	79	52-129	9	30				
1,1-Dichloroethane	106	93	84-129	12	30				
1,2-Dichloroethane	114	101	66-141	12	30				
1,1-Dichloroethene	106	86	85-142	11	30				
cis-1,2-Dichloroethene	101	90	85-125	12	30				
trans-1,2-Dichloroethene	102	89	87-126	13	30				
1,2-Dichloropropane	102	91	83-124	12	30				
cis-1,3-Dichloropropene	83	72*	75-125	15	30				
trans-1,3-Dichloropropene	79	68*	74-119	15	30				
Methylene Chloride	105	90	79-120	11	30				
1,1,1,2-Tetrachloroethane	97	87	82-119	11	30				
1,1,2,2-Tetrachloroethane	95	84	72-128	13	30				
Tetrachloroethene	101	87	80-128	14	30				
1,1,1-Trichloroethane	103	92	80-143	12	30				
1,1,2-Trichloroethane	98	86	77-124	12	30				
Trichloroethene	103	91	88-133	12	30				
Trichlorofluoromethane	89	84	73-152	5	30				
1,2,3-Trichloropropane	85	77	76-118	10	30				
Vinyl Chloride	97	93	66-133	4	30				
Batch number: T120201AA	Sample number(s): 6524415-6524418,6524421,6524423-6524426 UNSPK: 6524424								
Benzyl Chloride	93	94	62-120	1	30				
Bromobenzene	97	97	82-115	0	30				
Bromodichloromethane	108	107	78-125	1	30				
Bromoform	94	92	60-121	2	30				
Bromomethane	108	109	38-149	1	30				
Carbon Tetrachloride	104	101	81-138	3	30				
Chlorobenzene	97	94	87-124	3	30				
Chloroethane	110	111	51-145	1	30				
2-Chloroethyl Vinyl Ether	91	90	10-151	1	30				
Chloroform	117	112	81-134	4	30				
Chloromethane	105	105	67-154	0	30				
Dibromochloromethane	106	107	74-116	1	30				
Dibromomethane	99	96	83-119	3	30				
1,2-Dichlorobenzene	92	94	84-119	2	30				
1,3-Dichlorobenzene	96	97	86-121	1	30				
1,4-Dichlorobenzene	97	97	85-121	0	30				
Dichlorodifluoromethane	95	99	52-129	4	30				
1,1-Dichloroethane	113	111	84-129	2	30				
1,2-Dichloroethane	127	123	66-141	3	30				
1,1-Dichloroethene	112	110	85-142	2	30				
cis-1,2-Dichloroethene	-63 (2)	-153 (2)	85-125	1	30				
trans-1,2-Dichloroethene	111	107	87-126	2	30				
1,2-Dichloropropane	91	87	83-124	4	30				
cis-1,3-Dichloropropene	93	91	75-125	2	30				
trans-1,3-Dichloropropene	97	95	74-119	1	30				
Methylene Chloride	117	113	79-120	4	30				
1,1,1,2-Tetrachloroethane	108	106	82-119	2	30				
1,1,2,2-Tetrachloroethane	102	103	72-128	1	30				

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

Quality Control Summary

Client Name: Atlantic Richfield(Parsons-NY) Group Number: 1285447
Reported: 01/25/12 at 07:53 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
Tetrachloroethene	112	109	80-128	2	30				
1,1,1-Trichloroethane	116	115	80-143	1	30				
1,1,2-Trichloroethane	96	97	77-124	1	30				
Trichloroethene	-833 (2)	-1427 (2)	88-133	3	30				
Trichlorofluoromethane	101	104	73-152	3	30				
1,2,3-Trichloropropane	88	88	76-118	0	30				
Vinyl Chloride	96	109	66-133	3	30				
Batch number: T120241AA	Sample number(s): 6524424 UNSPK: P526477								
cis-1,2-Dichloroethene	104	101	85-125	2	30				
Trichloroethene	110	106	88-133	3	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: T120192AA

	Dibromofluoromethane	1,2-Dichloroethane-d4	Toluene-d8	4-Bromofluorobenzene
6524419	94	96	104	108
6524420	95	98	102	109
6524422	94	95	102	107
6524427	96	95	102	108
6524428	97	97	103	110
6524429	95	95	99	108
Blank	94	95	103	108
LCS	96	99	104	109
MS	97	94	103	109
MSD	96	96	103	110
Limits:	80-116	77-113	80-113	78-113

Analysis Name: PPL + Xylene (total) by 8260
Batch number: T120201AA

	Dibromofluoromethane	1,2-Dichloroethane-d4	Toluene-d8	4-Bromofluorobenzene
6524415	95	92	101	108
6524416	96	93	100	108
6524417	96	93	101	108
6524418	95	95	100	110
6524421	96	95	99	108
6524423	95	94	100	109
6524424	97	94	94	108
6524425	98	97	96	111
6524426	96	94	96	109
Blank	95	95	101	110
LCS	95	95	104	111

*- 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.

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Quality Control Summary

Client Name: Atlantic Richfield(Parsons-NY) Group Number: 1285447
Reported: 01/25/12 at 07:53 PM

Surrogate Quality Control

MS	98	97	96	111
MSD	96	94	96	109
Limits:	80-116	77-113	80-113	78-113

Analysis Name: 8260 Master Scan (water)
Batch number: T120241AA

	Dibromofluoromethane	1,2-Dichloroethane-d4	Toluene-d8	4-Bromofluorobenzene
Blank	90	93	99	104
LCS	90	92	101	108
MS	92	91	101	108
MSD	91	93	102	108
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.

Project Name: BP Sanborn
LLI Group #: 1285447

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 #: T120192AA (Sample number(s): 6524419-6524420, 6524422, 6524427-6524429 UNSPK: P526260)

The recovery(ies) for the following analyte(s) in the MS and/or MSD was outside the acceptance window: Chloroform, Carbon Tetrachloride, Chlorobenzene, 1,3-Dichlorobenzene, 1,4-Dichlorobenzene, 1,2-Dichlorobenzene, trans-1,3-Dichloropropene, cis-1,3-Dichloropropene, 2-Chloroethyl Vinyl Ether

The relative percent difference(s) for the following analyte(s) in the MS/MSD were outside outside acceptance windows: 2-Chloroethyl Vinyl Ether

Batch #: T120201AA (Sample number(s): 6524415-6524418, 6524421, 6524423-6524426 UNSPK: 6524424)

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

Sample #s: 6524421

The reporting limits for the GC/MS volatile compounds were raised, because insufficient sample volume remained to perform an undiluted analysis.

A12495 / 1285447 / 6524415-30

187364

Page 1 of 2

Atlantic Richfield Company
A BP affiliated company

Laboratory Management Program LaMP Chain of Custody Record

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

Lab Name: Lancaster Labs	BP/ARC Facility Address: 2040 Cory Dr.	Consultant/Contractor: Parsons
Lab Address: 2425 New Holland Pike Lancaster, PA 17601	City, State, ZIP Code: Sanborn, NY 14132	Consultant/Contractor Project No:
Lab PM: Lynn Fredericksen	Lead Regulatory Agency: NYSDEC	Address: 40 LaRiviere Dr. Suite 350 Buffalo, NY 14202
Lab Phone: (717) 656-2300	California Global ID No.:	Consultant/Contractor PM: George Hermance
Lab Shipping Accnt:	Enfos Proposal No: D00B4-0001	Phone: (716) 407-4990
Lab Bottle Order No: 111410	Accounting Mode: 10 Provision ___ OOC-BU ___ OOC-RM ___	Email EDD To: Lorraine Weber
Other Info:	Stage: 60 Activity: 81	Invoice To: BP/ARC ✓ Contractor ___
BP/ARC EBM: Bill 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
	B-57	1/17/12	1325		X		3						X
	B-56		1215		X		3						X
	B-24		1315		X		3						X
	B-23		1415		X		3						X
	B-6		1500		X		3						X
	P-4		0815		X		3						X
	P-3		0805		X		3						X
	Field Dup #2						3						X
	B-9		0945		X		3						X
	B-8		0900				3						

Matrix | No. Containers / Preservative | Requested Analyses

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.

ONE VIAL REC'D BROKEN PS 1-19-12

Relinquished By / Affiliation	Date	Time	Accepted By / Affiliation	Date	Time
Suzette Lehman	1/13/11	8:05	[illegible] OMM	1/16/12	0830
Richard C Becker	1/17/12	1630	Brandywine Courier LCI	1-18-12	915

Sampler's Name: Richard C Becker
Sampler's Company: OMM Enterprises, Inc.
Shipment Method: Fed Ex Ship Date: 1/17/12
Shipment Tracking No: 875 332269 300

Special Instructions:

THIS LINE - LAB USE ONLY: Custody Seals in Place: Yes (No) | Temp Blank: Yes (No) | Cooler Temp on Receipt: 3 °F/C | Trip Blank: Yes (No) | MS/MSD Sample Submitted: Yes (No)

A12495 / 1285447 / 6524415-30

Atlantic Richfield Company
A BP affiliated company

Laboratory Management Program LaMP Chain of Custody Record

187365

Page 2 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: 2040 Cory Dr.	Consultant/Contractor: Parsons
Lab Address: 2425 New Holland Pike Lancaster, PA 17601	City, State, ZIP Code: Sanborn, NY 14132	Consultant/Contractor Project No:
Lab PM: Lynn Fredericksen	Lead Regulatory Agency: NYSDEC	Address: 40 Lavriere Dr. Suite 350 Buffalo, NY 14202
Lab Phone: (717) 656-2300	California Global ID No.:	Consultant/Contractor PM: George Hermance
Lab Shipping Accnt:	Enfos Proposal No: D0084-0001	Phone: (716) 407-4990
Lab Bottle Order No:	Accounting Mode: /0 Provision ___ OOC-BU ___ OOC-RM ___	Email EDD To: Corraine Weber
Other Info:	Stage: 60 Activity: 81	Invoice To: BP/ARC ✓ Contractor ___
BP/ARC EBM: Bill Barber		
EBM Phone: (216) 271-8038		
EBM Email:		

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-8 MS	1/17/12	0900		X		3	X					X
	B-8 MSD	"	0900		X		3	X					X
	Field Dup* 1A	"			X		3	X					X
	B-49 recto	"	1445		X		3	X					X
	B-19 recto	"	1525		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.

ONE VIAL RECD BROKEN 1-19-12 JS

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	1/17/12	1630			
Shipment Method: Fed Ex Ship Date: 1/17/12				Brianne Blank LCI	1-18-12	915
Shipment Tracking No: 875332269300						

Special Instructions:

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

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Environmental Sample Administration
Receipt Documentation Log

Client/Project: Parsons

Date of Receipt: 1-18-12

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	2783	3.1	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 1 vial for P-4 & P3 & B8 Broken
Rec 1 vial for B-9 Time = 900
Rec 3 vial label says B-49 COC says B49 Redo.

Unpacker Signature/Emp#: Brandy Bueley 2299 **Date/Time:** 1-18-12 950

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.

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Analysis Report

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, 2012

Project: BP Sanborn

Submittal Date: 01/19/2012
Group Number: 1285720
PO Number: D00B4-0002
Release Number: BARBER
State of Sample Origin: NY

Client Sample Description	Lancaster Labs (LLI) #
B-48 Water	6526474
B-42 Water	6526475
B-41 Water	6526476
B-40 Water	6526477
B-40 Matrix Spike Water	6526478
B-40 Matrix Spike Dup Water	6526479
Field Dup #3 Water	6526480
B-21 Water	6526481
B-22 Water	6526482
Trip Blank Water	6526483

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

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Questions? Contact your Client Services Representative
Kaitlin N Plasterer at (717) 656-2300 Ext. 1815

Respectfully Submitted,

Lawrence M. Taylor
Senior Specialist

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Analysis Report

Sample Description: B-48 Water
BP Sanborn COC: 187366
2040 Cory Drive - Sanborn, NY B-48

LLI Sample # WW 6526474
LLI Group # 1285720
Account # 12495

Project Name: BP Sanborn

Collected: 01/18/2012 09:55 by RCB

Submitted: 01/19/2012 09:45
Reported: 01/30/2012 15:33

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

B48--

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	
10903	Benzyl Chloride	100-44-7	N.D.	1.0	5.0	1
10903	Bromobenzene	108-86-1	N.D.	1.0	5.0	1
10903	Bromodichloromethane	75-27-4	N.D.	1.0	5.0	1
10903	Bromoform	75-25-2	N.D.	1.0	5.0	1
10903	Bromomethane	74-83-9	N.D.	1.0	5.0	1
10903	Carbon Tetrachloride	56-23-5	N.D.	1.0	5.0	1
10903	Chlorobenzene	108-90-7	N.D.	0.80	5.0	1
10903	Chloroethane	75-00-3	N.D.	1.0	5.0	1
10903	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.					
10903	Chloroform	67-66-3	N.D.	0.80	5.0	1
10903	Chloromethane	74-87-3	N.D.	1.0	5.0	1
10903	Dibromochloromethane	124-48-1	N.D.	1.0	5.0	1
10903	Dibromomethane	74-95-3	N.D.	1.0	5.0	1
10903	1,2-Dichlorobenzene	95-50-1	N.D.	1.0	5.0	1
10903	1,3-Dichlorobenzene	541-73-1	N.D.	1.0	5.0	1
10903	1,4-Dichlorobenzene	106-46-7	N.D.	1.0	5.0	1
10903	Dichlorodifluoromethane	75-71-8	N.D.	2.0	5.0	1
10903	1,1-Dichloroethane	75-34-3	N.D.	1.0	5.0	1
10903	1,2-Dichloroethane	107-06-2	N.D.	1.0	5.0	1
10903	1,1-Dichloroethene	75-35-4	N.D.	0.80	5.0	1
10903	cis-1,2-Dichloroethene	156-59-2	N.D.	0.80	5.0	1
10903	trans-1,2-Dichloroethene	156-60-5	N.D.	0.80	5.0	1
10903	1,2-Dichloropropane	78-87-5	N.D.	1.0	5.0	1
10903	cis-1,3-Dichloropropene	10061-01-5	N.D.	1.0	5.0	1
10903	trans-1,3-Dichloropropene	10061-02-6	N.D.	1.0	5.0	1
10903	Methylene Chloride	75-09-2	N.D.	2.0	5.0	1
10903	1,1,1,2-Tetrachloroethane	630-20-6	N.D.	1.0	5.0	1
10903	1,1,2,2-Tetrachloroethane	79-34-5	N.D.	1.0	5.0	1
10903	Tetrachloroethene	127-18-4	N.D.	0.80	5.0	1
10903	1,1,1-Trichloroethane	71-55-6	N.D.	0.80	5.0	1
10903	1,1,2-Trichloroethane	79-00-5	N.D.	0.80	5.0	1
10903	Trichloroethene	79-01-6	N.D.	1.0	5.0	1
10903	Trichlorofluoromethane	75-69-4	N.D.	2.0	5.0	1
10903	1,2,3-Trichloropropane	96-18-4	N.D.	1.0	5.0	1
10903	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

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Analysis Report

Sample Description: B-48 Water
BP Sanborn COC: 187366
2040 Cory Drive - Sanborn, NY B-48

LLI Sample # WW 6526474
LLI Group # 1285720
Account # 12495

Project Name: BP Sanborn

Collected: 01/18/2012 09:55 by RCB

Submitted: 01/19/2012 09:45
Reported: 01/30/2012 15:33

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

B48--

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
10903	VOCs 8260 Parsons Specs List	SW-846 8260B	1	T120241AA	01/24/2012 05:42	Angela D Sneeringer	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	T120241AA	01/24/2012 05:42	Angela D Sneeringer	1

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

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Analysis Report

Sample Description: B-42 Water
BP Sanborn COC: 187366
2040 Cory Drive - Sanborn, NY B-42

LLI Sample # WW 6526475
LLI Group # 1285720
Account # 12495

Project Name: BP Sanborn

Collected: 01/18/2012 09:05 by RCB

Submitted: 01/19/2012 09:45
Reported: 01/30/2012 15:33

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

B42--

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	
10903	Benzyl Chloride	100-44-7	N.D.		1.0	5.0	1
10903	Bromobenzene	108-86-1	N.D.		1.0	5.0	1
10903	Bromodichloromethane	75-27-4	N.D.		1.0	5.0	1
10903	Bromoform	75-25-2	N.D.		1.0	5.0	1
10903	Bromomethane	74-83-9	N.D.		1.0	5.0	1
10903	Carbon Tetrachloride	56-23-5	N.D.		1.0	5.0	1
10903	Chlorobenzene	108-90-7	N.D.		0.80	5.0	1
10903	Chloroethane	75-00-3	N.D.		1.0	5.0	1
10903	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.						
10903	Chloroform	67-66-3	N.D.		0.80	5.0	1
10903	Chloromethane	74-87-3	N.D.		1.0	5.0	1
10903	Dibromochloromethane	124-48-1	N.D.		1.0	5.0	1
10903	Dibromomethane	74-95-3	N.D.		1.0	5.0	1
10903	1,2-Dichlorobenzene	95-50-1	N.D.		1.0	5.0	1
10903	1,3-Dichlorobenzene	541-73-1	N.D.		1.0	5.0	1
10903	1,4-Dichlorobenzene	106-46-7	N.D.		1.0	5.0	1
10903	Dichlorodifluoromethane	75-71-8	N.D.		2.0	5.0	1
10903	1,1-Dichloroethane	75-34-3	N.D.		1.0	5.0	1
10903	1,2-Dichloroethane	107-06-2	N.D.		1.0	5.0	1
10903	1,1-Dichloroethene	75-35-4	N.D.		0.80	5.0	1
10903	cis-1,2-Dichloroethene	156-59-2	5.7		0.80	5.0	1
10903	trans-1,2-Dichloroethene	156-60-5	N.D.		0.80	5.0	1
10903	1,2-Dichloropropane	78-87-5	N.D.		1.0	5.0	1
10903	cis-1,3-Dichloropropene	10061-01-5	N.D.		1.0	5.0	1
10903	trans-1,3-Dichloropropene	10061-02-6	N.D.		1.0	5.0	1
10903	Methylene Chloride	75-09-2	N.D.		2.0	5.0	1
10903	1,1,1,2-Tetrachloroethane	630-20-6	N.D.		1.0	5.0	1
10903	1,1,2,2-Tetrachloroethane	79-34-5	N.D.		1.0	5.0	1
10903	Tetrachloroethene	127-18-4	N.D.		0.80	5.0	1
10903	1,1,1-Trichloroethane	71-55-6	N.D.		0.80	5.0	1
10903	1,1,2-Trichloroethane	79-00-5	N.D.		0.80	5.0	1
10903	Trichloroethene	79-01-6	2.1	J	1.0	5.0	1
10903	Trichlorofluoromethane	75-69-4	N.D.		2.0	5.0	1
10903	1,2,3-Trichloropropane	96-18-4	N.D.		1.0	5.0	1
10903	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

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Analysis Report

Sample Description: B-42 Water
BP Sanborn COC: 187366
2040 Cory Drive - Sanborn, NY B-42

LLI Sample # WW 6526475
LLI Group # 1285720
Account # 12495

Project Name: BP Sanborn

Collected: 01/18/2012 09:05 by RCB

Submitted: 01/19/2012 09:45
Reported: 01/30/2012 15:33

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

B42--

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
10903	VOCs 8260 Parsons Specs List	SW-846 8260B	1	T120241AA	01/24/2012 06:06	Angela D Sneeringer	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	T120241AA	01/24/2012 06:06	Angela D Sneeringer	1

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

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Analysis Report

Sample Description: B-41 Water
BP Sanborn COC: 187366
2040 Cory Drive - Sanborn, NY B-41

LLI Sample # WW 6526476
LLI Group # 1285720
Account # 12495

Project Name: BP Sanborn

Collected: 01/18/2012 11:10 by RCB

Submitted: 01/19/2012 09:45
Reported: 01/30/2012 15:33

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

B41--

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	
10903	Benzyl Chloride	100-44-7	N.D.	1.0	5.0	1
10903	Bromobenzene	108-86-1	N.D.	1.0	5.0	1
10903	Bromodichloromethane	75-27-4	N.D.	1.0	5.0	1
10903	Bromoform	75-25-2	N.D.	1.0	5.0	1
10903	Bromomethane	74-83-9	N.D.	1.0	5.0	1
10903	Carbon Tetrachloride	56-23-5	N.D.	1.0	5.0	1
10903	Chlorobenzene	108-90-7	N.D.	0.80	5.0	1
10903	Chloroethane	75-00-3	N.D.	1.0	5.0	1
10903	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.					
10903	Chloroform	67-66-3	N.D.	0.80	5.0	1
10903	Chloromethane	74-87-3	N.D.	1.0	5.0	1
10903	Dibromochloromethane	124-48-1	N.D.	1.0	5.0	1
10903	Dibromomethane	74-95-3	N.D.	1.0	5.0	1
10903	1,2-Dichlorobenzene	95-50-1	N.D.	1.0	5.0	1
10903	1,3-Dichlorobenzene	541-73-1	N.D.	1.0	5.0	1
10903	1,4-Dichlorobenzene	106-46-7	N.D.	1.0	5.0	1
10903	Dichlorodifluoromethane	75-71-8	N.D.	2.0	5.0	1
10903	1,1-Dichloroethane	75-34-3	N.D.	1.0	5.0	1
10903	1,2-Dichloroethane	107-06-2	N.D.	1.0	5.0	1
10903	1,1-Dichloroethene	75-35-4	N.D.	0.80	5.0	1
10903	cis-1,2-Dichloroethene	156-59-2	6.2	0.80	5.0	1
10903	trans-1,2-Dichloroethene	156-60-5	N.D.	0.80	5.0	1
10903	1,2-Dichloropropane	78-87-5	N.D.	1.0	5.0	1
10903	cis-1,3-Dichloropropene	10061-01-5	N.D.	1.0	5.0	1
10903	trans-1,3-Dichloropropene	10061-02-6	N.D.	1.0	5.0	1
10903	Methylene Chloride	75-09-2	N.D.	2.0	5.0	1
10903	1,1,1,2-Tetrachloroethane	630-20-6	N.D.	1.0	5.0	1
10903	1,1,2,2-Tetrachloroethane	79-34-5	N.D.	1.0	5.0	1
10903	Tetrachloroethene	127-18-4	N.D.	0.80	5.0	1
10903	1,1,1-Trichloroethane	71-55-6	N.D.	0.80	5.0	1
10903	1,1,2-Trichloroethane	79-00-5	N.D.	0.80	5.0	1
10903	Trichloroethene	79-01-6	5.8	1.0	5.0	1
10903	Trichlorofluoromethane	75-69-4	N.D.	2.0	5.0	1
10903	1,2,3-Trichloropropane	96-18-4	N.D.	1.0	5.0	1
10903	Vinyl Chloride	75-01-4	N.D.	1.0	5.0	1

The value reported for trichloroethene is probably due to carryover from the previous sample. The analysis was repeated using a previously opened vial. This compound was not detected in the re-analysis. The reported results are from the initial analysis.

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

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Analysis Report

Sample Description: B-41 Water
BP Sanborn COC: 187366
2040 Cory Drive - Sanborn, NY B-41

LLI Sample # WW 6526476
LLI Group # 1285720
Account # 12495

Project Name: BP Sanborn

Collected: 01/18/2012 11:10 by RCB

Submitted: 01/19/2012 09:45
Reported: 01/30/2012 15:33

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

B41--

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
10903	VOCs 8260 Parsons Specs List	SW-846 8260B	1	T120201AA	01/20/2012 17:38	Sara E Johnson	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	T120201AA	01/20/2012 17:38	Sara E Johnson	1

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

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Analysis Report

Sample Description: B-40 Water
BP Sanborn COC: 187366
2040 Cory Drive - Sanborn, NY B-40

LLI Sample # WW 6526477
LLI Group # 1285720
Account # 12495

Project Name: BP Sanborn

Collected: 01/18/2012 12:00 by RCB

Submitted: 01/19/2012 09:45
Reported: 01/30/2012 15:33

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

B40--

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	
10903	Benzyl Chloride	100-44-7	N.D.		1.0	5.0	1
10903	Bromobenzene	108-86-1	N.D.		1.0	5.0	1
10903	Bromodichloromethane	75-27-4	N.D.		1.0	5.0	1
10903	Bromoform	75-25-2	N.D.		1.0	5.0	1
10903	Bromomethane	74-83-9	N.D.		1.0	5.0	1
10903	Carbon Tetrachloride	56-23-5	N.D.		1.0	5.0	1
10903	Chlorobenzene	108-90-7	N.D.		0.80	5.0	1
10903	Chloroethane	75-00-3	N.D.		1.0	5.0	1
10903	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.						
10903	Chloroform	67-66-3	N.D.		0.80	5.0	1
10903	Chloromethane	74-87-3	N.D.		1.0	5.0	1
10903	Dibromochloromethane	124-48-1	N.D.		1.0	5.0	1
10903	Dibromomethane	74-95-3	N.D.		1.0	5.0	1
10903	1,2-Dichlorobenzene	95-50-1	N.D.		1.0	5.0	1
10903	1,3-Dichlorobenzene	541-73-1	N.D.		1.0	5.0	1
10903	1,4-Dichlorobenzene	106-46-7	N.D.		1.0	5.0	1
10903	Dichlorodifluoromethane	75-71-8	N.D.		2.0	5.0	1
10903	1,1-Dichloroethane	75-34-3	N.D.		1.0	5.0	1
10903	1,2-Dichloroethane	107-06-2	N.D.		1.0	5.0	1
10903	1,1-Dichloroethene	75-35-4	N.D.		0.80	5.0	1
10903	cis-1,2-Dichloroethene	156-59-2	4.2	J	0.80	5.0	1
10903	trans-1,2-Dichloroethene	156-60-5	N.D.		0.80	5.0	1
10903	1,2-Dichloropropane	78-87-5	N.D.		1.0	5.0	1
10903	cis-1,3-Dichloropropene	10061-01-5	N.D.		1.0	5.0	1
10903	trans-1,3-Dichloropropene	10061-02-6	N.D.		1.0	5.0	1
10903	Methylene Chloride	75-09-2	N.D.		2.0	5.0	1
10903	1,1,1,2-Tetrachloroethane	630-20-6	N.D.		1.0	5.0	1
10903	1,1,2,2-Tetrachloroethane	79-34-5	N.D.		1.0	5.0	1
10903	Tetrachloroethene	127-18-4	N.D.		0.80	5.0	1
10903	1,1,1-Trichloroethane	71-55-6	N.D.		0.80	5.0	1
10903	1,1,2-Trichloroethane	79-00-5	N.D.		0.80	5.0	1
10903	Trichloroethene	79-01-6	1.8	J	1.0	5.0	1
10903	Trichlorofluoromethane	75-69-4	N.D.		2.0	5.0	1
10903	1,2,3-Trichloropropane	96-18-4	N.D.		1.0	5.0	1
10903	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

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Analysis Report

Sample Description: B-40 Water
BP Sanborn COC: 187366
2040 Cory Drive - Sanborn, NY B-40

LLI Sample # WW 6526477
LLI Group # 1285720
Account # 12495

Project Name: BP Sanborn

Collected: 01/18/2012 12:00 by RCB

Submitted: 01/19/2012 09:45
Reported: 01/30/2012 15:33

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

B40--

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
10903	VOCs 8260 Parsons Specs List	SW-846 8260B	1	T120241AA	01/24/2012 04:30	Angela D Sneeringer	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	T120241AA	01/24/2012 04:30	Angela D Sneeringer	1

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

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Analysis Report

Sample Description: B-40 Matrix Spike Water
BP Sanborn COC: 187366
2040 Cory Drive - Sanborn, NY B-40

LLI Sample # WW 6526478
LLI Group # 1285720
Account # 12495

Project Name: BP Sanborn

Collected: 01/18/2012 12:00 by RCB

Submitted: 01/19/2012 09:45
Reported: 01/30/2012 15:33

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

B40--

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	
10903	Benzyl Chloride	100-44-7	17	1.0	5.0	1
10903	Bromobenzene	108-86-1	20	1.0	5.0	1
10903	Bromodichloromethane	75-27-4	19	1.0	5.0	1
10903	Bromoform	75-25-2	16	1.0	5.0	1
10903	Bromomethane	74-83-9	18	1.0	5.0	1
10903	Carbon Tetrachloride	56-23-5	20	1.0	5.0	1
10903	Chlorobenzene	108-90-7	19	0.80	5.0	1
10903	Chloroethane	75-00-3	19	1.0	5.0	1
10903	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.					
10903	Chloroform	67-66-3	22	0.80	5.0	1
10903	Chloromethane	74-87-3	19	1.0	5.0	1
10903	Dibromochloromethane	124-48-1	19	1.0	5.0	1
10903	Dibromomethane	74-95-3	21	1.0	5.0	1
10903	1,2-Dichlorobenzene	95-50-1	19	1.0	5.0	1
10903	1,3-Dichlorobenzene	541-73-1	20	1.0	5.0	1
10903	1,4-Dichlorobenzene	106-46-7	19	1.0	5.0	1
10903	Dichlorodifluoromethane	75-71-8	18	2.0	5.0	1
10903	1,1-Dichloroethane	75-34-3	22	1.0	5.0	1
10903	1,2-Dichloroethane	107-06-2	25	1.0	5.0	1
10903	1,1-Dichloroethene	75-35-4	21	0.80	5.0	1
10903	cis-1,2-Dichloroethene	156-59-2	25	0.80	5.0	1
10903	trans-1,2-Dichloroethene	156-60-5	22	0.80	5.0	1
10903	1,2-Dichloropropane	78-87-5	22	1.0	5.0	1
10903	cis-1,3-Dichloropropene	10061-01-5	18	1.0	5.0	1
10903	trans-1,3-Dichloropropene	10061-02-6	18	1.0	5.0	1
10903	Methylene Chloride	75-09-2	23	2.0	5.0	1
10903	1,1,1,2-Tetrachloroethane	630-20-6	21	1.0	5.0	1
10903	1,1,2,2-Tetrachloroethane	79-34-5	20	1.0	5.0	1
10903	Tetrachloroethene	127-18-4	22	0.80	5.0	1
10903	1,1,1-Trichloroethane	71-55-6	21	0.80	5.0	1
10903	1,1,2-Trichloroethane	79-00-5	20	0.80	5.0	1
10903	Trichloroethene	79-01-6	24	1.0	5.0	1
10903	Trichlorofluoromethane	75-69-4	18	2.0	5.0	1
10903	1,2,3-Trichloropropane	96-18-4	18	1.0	5.0	1
10903	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

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Analysis Report

Sample Description: B-40 Matrix Spike Water
BP Sanborn COC: 187366
2040 Cory Drive - Sanborn, NY B-40

LLI Sample # WW 6526478
LLI Group # 1285720
Account # 12495

Project Name: BP Sanborn

Collected: 01/18/2012 12:00 by RCB

Submitted: 01/19/2012 09:45
Reported: 01/30/2012 15:33

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

B40--

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
10903	VOCs 8260 Parsons Specs List	SW-846 8260B	1	T120241AA	01/24/2012 04:54	Angela D Sneeringer	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	T120241AA	01/24/2012 04:54	Angela D Sneeringer	1

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Analysis Report

Sample Description: B-40 Matrix Spike Dup Water
BP Sanborn COC: 187366
2040 Cory Drive - Sanborn, NY B-40

LLI Sample # WW 6526479
LLI Group # 1285720
Account # 12495

Project Name: BP Sanborn

Collected: 01/18/2012 12:00 by RCB

Submitted: 01/19/2012 09:45
Reported: 01/30/2012 15:33

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

B40--

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	
10903	Benzyl Chloride	100-44-7	17	1.0	5.0	1
10903	Bromobenzene	108-86-1	19	1.0	5.0	1
10903	Bromodichloromethane	75-27-4	19	1.0	5.0	1
10903	Bromoform	75-25-2	15	1.0	5.0	1
10903	Bromomethane	74-83-9	18	1.0	5.0	1
10903	Carbon Tetrachloride	56-23-5	20	1.0	5.0	1
10903	Chlorobenzene	108-90-7	19	0.80	5.0	1
10903	Chloroethane	75-00-3	19	1.0	5.0	1
10903	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.					
10903	Chloroform	67-66-3	21	0.80	5.0	1
10903	Chloromethane	74-87-3	19	1.0	5.0	1
10903	Dibromochloromethane	124-48-1	19	1.0	5.0	1
10903	Dibromomethane	74-95-3	21	1.0	5.0	1
10903	1,2-Dichlorobenzene	95-50-1	19	1.0	5.0	1
10903	1,3-Dichlorobenzene	541-73-1	19	1.0	5.0	1
10903	1,4-Dichlorobenzene	106-46-7	19	1.0	5.0	1
10903	Dichlorodifluoromethane	75-71-8	18	2.0	5.0	1
10903	1,1-Dichloroethane	75-34-3	22	1.0	5.0	1
10903	1,2-Dichloroethane	107-06-2	24	1.0	5.0	1
10903	1,1-Dichloroethene	75-35-4	22	0.80	5.0	1
10903	cis-1,2-Dichloroethene	156-59-2	24	0.80	5.0	1
10903	trans-1,2-Dichloroethene	156-60-5	22	0.80	5.0	1
10903	1,2-Dichloropropane	78-87-5	21	1.0	5.0	1
10903	cis-1,3-Dichloropropene	10061-01-5	18	1.0	5.0	1
10903	trans-1,3-Dichloropropene	10061-02-6	18	1.0	5.0	1
10903	Methylene Chloride	75-09-2	22	2.0	5.0	1
10903	1,1,1,2-Tetrachloroethane	630-20-6	20	1.0	5.0	1
10903	1,1,2,2-Tetrachloroethane	79-34-5	19	1.0	5.0	1
10903	Tetrachloroethene	127-18-4	22	0.80	5.0	1
10903	1,1,1-Trichloroethane	71-55-6	21	0.80	5.0	1
10903	1,1,2-Trichloroethane	79-00-5	20	0.80	5.0	1
10903	Trichloroethene	79-01-6	23	1.0	5.0	1
10903	Trichlorofluoromethane	75-69-4	19	2.0	5.0	1
10903	1,2,3-Trichloropropane	96-18-4	18	1.0	5.0	1
10903	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

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Analysis Report

Sample Description: B-40 Matrix Spike Dup Water
BP Sanborn COC: 187366
2040 Cory Drive - Sanborn, NY B-40

LLI Sample # WW 6526479
LLI Group # 1285720
Account # 12495

Project Name: BP Sanborn

Collected: 01/18/2012 12:00 by RCB

Submitted: 01/19/2012 09:45
Reported: 01/30/2012 15:33

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

B40--

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
10903	VOCs 8260 Parsons Specs List	SW-846 8260B	1	T120241AA	01/24/2012 05:18	Angela D Sneeringer	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	T120241AA	01/24/2012 05:18	Angela D Sneeringer	1

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Analysis Report

Sample Description: Field Dup #3 Water
BP Sanborn COC: 187366
2040 Cory Drive - Sanborn, NY Fld Dup #3

LLI Sample # WW 6526480
LLI Group # 1285720
Account # 12495

Project Name: BP Sanborn

Collected: 01/18/2012 by RCB

Submitted: 01/19/2012 09:45
Reported: 01/30/2012 15:33

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

FD-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	
10903	Benzyl Chloride	100-44-7	N.D.		1.0	5.0	1
10903	Bromobenzene	108-86-1	N.D.		1.0	5.0	1
10903	Bromodichloromethane	75-27-4	N.D.		1.0	5.0	1
10903	Bromoform	75-25-2	N.D.		1.0	5.0	1
10903	Bromomethane	74-83-9	N.D.		1.0	5.0	1
10903	Carbon Tetrachloride	56-23-5	N.D.		1.0	5.0	1
10903	Chlorobenzene	108-90-7	N.D.		0.80	5.0	1
10903	Chloroethane	75-00-3	N.D.		1.0	5.0	1
10903	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.						
10903	Chloroform	67-66-3	N.D.		0.80	5.0	1
10903	Chloromethane	74-87-3	N.D.		1.0	5.0	1
10903	Dibromochloromethane	124-48-1	N.D.		1.0	5.0	1
10903	Dibromomethane	74-95-3	N.D.		1.0	5.0	1
10903	1,2-Dichlorobenzene	95-50-1	N.D.		1.0	5.0	1
10903	1,3-Dichlorobenzene	541-73-1	N.D.		1.0	5.0	1
10903	1,4-Dichlorobenzene	106-46-7	N.D.		1.0	5.0	1
10903	Dichlorodifluoromethane	75-71-8	N.D.		2.0	5.0	1
10903	1,1-Dichloroethane	75-34-3	N.D.		1.0	5.0	1
10903	1,2-Dichloroethane	107-06-2	N.D.		1.0	5.0	1
10903	1,1-Dichloroethene	75-35-4	N.D.		0.80	5.0	1
10903	cis-1,2-Dichloroethene	156-59-2	5.2		0.80	5.0	1
10903	trans-1,2-Dichloroethene	156-60-5	N.D.		0.80	5.0	1
10903	1,2-Dichloropropane	78-87-5	N.D.		1.0	5.0	1
10903	cis-1,3-Dichloropropene	10061-01-5	N.D.		1.0	5.0	1
10903	trans-1,3-Dichloropropene	10061-02-6	N.D.		1.0	5.0	1
10903	Methylene Chloride	75-09-2	N.D.		2.0	5.0	1
10903	1,1,1,2-Tetrachloroethane	630-20-6	N.D.		1.0	5.0	1
10903	1,1,2,2-Tetrachloroethane	79-34-5	N.D.		1.0	5.0	1
10903	Tetrachloroethene	127-18-4	N.D.		0.80	5.0	1
10903	1,1,1-Trichloroethane	71-55-6	N.D.		0.80	5.0	1
10903	1,1,2-Trichloroethane	79-00-5	N.D.		0.80	5.0	1
10903	Trichloroethene	79-01-6	1.2	J	1.0	5.0	1
10903	Trichlorofluoromethane	75-69-4	N.D.		2.0	5.0	1
10903	1,2,3-Trichloropropane	96-18-4	N.D.		1.0	5.0	1
10903	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

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Analysis Report

Sample Description: **Field Dup #3 Water**
BP Sanborn COC: 187366
2040 Cory Drive - Sanborn, NY Fld Dup #3

LLI Sample # WW 6526480
LLI Group # 1285720
Account # 12495

Project Name: BP Sanborn

Collected: 01/18/2012 by RCB

Submitted: 01/19/2012 09:45
Reported: 01/30/2012 15:33

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

FD-3-

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
10903	VOCs 8260 Parsons Specs List	SW-846 8260B	1	T120241AA	01/24/2012 03:16	Angela D Sneeringer	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	T120241AA	01/24/2012 03:16	Angela D Sneeringer	1

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

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Analysis Report

Sample Description: B-21 Water
BP Sanborn COC: 187366
2040 Cory Drive - Sanborn, NY B-21

LLI Sample # WW 6526481
LLI Group # 1285720
Account # 12495

Project Name: BP Sanborn

Collected: 01/18/2012 13:35 by RCB

Submitted: 01/19/2012 09:45
Reported: 01/30/2012 15:33

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

B21--

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	
10903	Benzyl Chloride	100-44-7	N.D.		1.0	5.0	1
10903	Bromobenzene	108-86-1	N.D.		1.0	5.0	1
10903	Bromodichloromethane	75-27-4	N.D.		1.0	5.0	1
10903	Bromoform	75-25-2	N.D.		1.0	5.0	1
10903	Bromomethane	74-83-9	N.D.		1.0	5.0	1
10903	Carbon Tetrachloride	56-23-5	N.D.		1.0	5.0	1
10903	Chlorobenzene	108-90-7	N.D.		0.80	5.0	1
10903	Chloroethane	75-00-3	N.D.		1.0	5.0	1
10903	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.						
10903	Chloroform	67-66-3	N.D.		0.80	5.0	1
10903	Chloromethane	74-87-3	N.D.		1.0	5.0	1
10903	Dibromochloromethane	124-48-1	N.D.		1.0	5.0	1
10903	Dibromomethane	74-95-3	N.D.		1.0	5.0	1
10903	1,2-Dichlorobenzene	95-50-1	N.D.		1.0	5.0	1
10903	1,3-Dichlorobenzene	541-73-1	N.D.		1.0	5.0	1
10903	1,4-Dichlorobenzene	106-46-7	N.D.		1.0	5.0	1
10903	Dichlorodifluoromethane	75-71-8	N.D.		2.0	5.0	1
10903	1,1-Dichloroethane	75-34-3	N.D.		1.0	5.0	1
10903	1,2-Dichloroethane	107-06-2	N.D.		1.0	5.0	1
10903	1,1-Dichloroethene	75-35-4	N.D.		0.80	5.0	1
10903	cis-1,2-Dichloroethene	156-59-2	N.D.		0.80	5.0	1
10903	trans-1,2-Dichloroethene	156-60-5	N.D.		0.80	5.0	1
10903	1,2-Dichloropropane	78-87-5	N.D.		1.0	5.0	1
10903	cis-1,3-Dichloropropene	10061-01-5	N.D.		1.0	5.0	1
10903	trans-1,3-Dichloropropene	10061-02-6	N.D.		1.0	5.0	1
10903	Methylene Chloride	75-09-2	N.D.		2.0	5.0	1
10903	1,1,1,2-Tetrachloroethane	630-20-6	N.D.		1.0	5.0	1
10903	1,1,2,2-Tetrachloroethane	79-34-5	N.D.		1.0	5.0	1
10903	Tetrachloroethene	127-18-4	N.D.		0.80	5.0	1
10903	1,1,1-Trichloroethane	71-55-6	N.D.		0.80	5.0	1
10903	1,1,2-Trichloroethane	79-00-5	N.D.		0.80	5.0	1
10903	Trichloroethene	79-01-6	1.1	J	1.0	5.0	1
10903	Trichlorofluoromethane	75-69-4	N.D.		2.0	5.0	1
10903	1,2,3-Trichloropropane	96-18-4	N.D.		1.0	5.0	1
10903	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

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Analysis Report

Sample Description: B-21 Water
BP Sanborn COC: 187366
2040 Cory Drive - Sanborn, NY B-21

LLI Sample # WW 6526481
LLI Group # 1285720
Account # 12495

Project Name: BP Sanborn

Collected: 01/18/2012 13:35 by RCB

Submitted: 01/19/2012 09:45
Reported: 01/30/2012 15:33

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

B21--

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
10903	VOCs 8260 Parsons Specs List	SW-846 8260B	1	T120241AA	01/24/2012 03:42	Angela D Sneeringer	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	T120241AA	01/24/2012 03:42	Angela D Sneeringer	1

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

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Analysis Report

Sample Description: B-22 Water
BP Sanborn COC: 187366
2040 Cory Drive - Sanborn, NY B-22

LLI Sample # WW 6526482
LLI Group # 1285720
Account # 12495

Project Name: BP Sanborn

Collected: 01/18/2012 14:25 by RCB

Submitted: 01/19/2012 09:45
Reported: 01/30/2012 15:33

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

B22--

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**	
10903	Benzyl Chloride	100-44-7	N.D.		1.0	5.0	1
10903	Bromobenzene	108-86-1	N.D.		1.0	5.0	1
10903	Bromodichloromethane	75-27-4	N.D.		1.0	5.0	1
10903	Bromoform	75-25-2	N.D.		1.0	5.0	1
10903	Bromomethane	74-83-9	N.D.		1.0	5.0	1
10903	Carbon Tetrachloride	56-23-5	N.D.		1.0	5.0	1
10903	Chlorobenzene	108-90-7	N.D.		0.80	5.0	1
10903	Chloroethane	75-00-3	N.D.		1.0	5.0	1
10903	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.						
10903	Chloroform	67-66-3	N.D.		0.80	5.0	1
10903	Chloromethane	74-87-3	N.D.		1.0	5.0	1
10903	Dibromochloromethane	124-48-1	N.D.		1.0	5.0	1
10903	Dibromomethane	74-95-3	N.D.		1.0	5.0	1
10903	1,2-Dichlorobenzene	95-50-1	N.D.		1.0	5.0	1
10903	1,3-Dichlorobenzene	541-73-1	N.D.		1.0	5.0	1
10903	1,4-Dichlorobenzene	106-46-7	N.D.		1.0	5.0	1
10903	Dichlorodifluoromethane	75-71-8	N.D.		2.0	5.0	1
10903	1,1-Dichloroethane	75-34-3	1.2	J	1.0	5.0	1
10903	1,2-Dichloroethane	107-06-2	N.D.		1.0	5.0	1
10903	1,1-Dichloroethene	75-35-4	N.D.		0.80	5.0	1
10903	cis-1,2-Dichloroethene	156-59-2	120		0.80	5.0	1
10903	trans-1,2-Dichloroethene	156-60-5	4.8	J	0.80	5.0	1
10903	1,2-Dichloropropane	78-87-5	N.D.		1.0	5.0	1
10903	cis-1,3-Dichloropropene	10061-01-5	N.D.		1.0	5.0	1
10903	trans-1,3-Dichloropropene	10061-02-6	N.D.		1.0	5.0	1
10903	Methylene Chloride	75-09-2	N.D.		2.0	5.0	1
10903	1,1,1,2-Tetrachloroethane	630-20-6	N.D.		1.0	5.0	1
10903	1,1,2,2-Tetrachloroethane	79-34-5	N.D.		1.0	5.0	1
10903	Tetrachloroethene	127-18-4	N.D.		0.80	5.0	1
10903	1,1,1-Trichloroethane	71-55-6	N.D.		0.80	5.0	1
10903	1,1,2-Trichloroethane	79-00-5	N.D.		0.80	5.0	1
10903	Trichloroethene	79-01-6	63		1.0	5.0	1
10903	Trichlorofluoromethane	75-69-4	N.D.		2.0	5.0	1
10903	1,2,3-Trichloropropane	96-18-4	N.D.		1.0	5.0	1
10903	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

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Analysis Report

Sample Description: B-22 Water
BP Sanborn COC: 187366
2040 Cory Drive - Sanborn, NY B-22

LLI Sample # WW 6526482
LLI Group # 1285720
Account # 12495

Project Name: BP Sanborn

Collected: 01/18/2012 14:25 by RCB

Submitted: 01/19/2012 09:45
Reported: 01/30/2012 15:33

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

B22--

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
10903	VOCs 8260 Parsons Specs List	SW-846 8260B	1	T120241AA	01/24/2012 04:07	Angela D Sneeringer	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	T120241AA	01/24/2012 04:07	Angela D Sneeringer	1

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

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Analysis Report

Sample Description: Trip Blank Water
BP Sanborn COC: 187366
2040 Cory Drive - Sanborn, NY

LLI Sample # WW 6526483
LLI Group # 1285720
Account # 12495

Project Name: BP Sanborn

Collected: 01/18/2012

Submitted: 01/19/2012 09:45
Reported: 01/30/2012 15:33

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

TB-SN

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	
10903	Benzyl Chloride	100-44-7	N.D.	1.0	5.0	1
10903	Bromobenzene	108-86-1	N.D.	1.0	5.0	1
10903	Bromodichloromethane	75-27-4	N.D.	1.0	5.0	1
10903	Bromoform	75-25-2	N.D.	1.0	5.0	1
10903	Bromomethane	74-83-9	N.D.	1.0	5.0	1
10903	Carbon Tetrachloride	56-23-5	N.D.	1.0	5.0	1
10903	Chlorobenzene	108-90-7	N.D.	0.80	5.0	1
10903	Chloroethane	75-00-3	N.D.	1.0	5.0	1
10903	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.					
10903	Chloroform	67-66-3	N.D.	0.80	5.0	1
10903	Chloromethane	74-87-3	N.D.	1.0	5.0	1
10903	Dibromochloromethane	124-48-1	N.D.	1.0	5.0	1
10903	Dibromomethane	74-95-3	N.D.	1.0	5.0	1
10903	1,2-Dichlorobenzene	95-50-1	N.D.	1.0	5.0	1
10903	1,3-Dichlorobenzene	541-73-1	N.D.	1.0	5.0	1
10903	1,4-Dichlorobenzene	106-46-7	N.D.	1.0	5.0	1
10903	Dichlorodifluoromethane	75-71-8	N.D.	2.0	5.0	1
10903	1,1-Dichloroethane	75-34-3	N.D.	1.0	5.0	1
10903	1,2-Dichloroethane	107-06-2	N.D.	1.0	5.0	1
10903	1,1-Dichloroethene	75-35-4	N.D.	0.80	5.0	1
10903	cis-1,2-Dichloroethene	156-59-2	N.D.	0.80	5.0	1
10903	trans-1,2-Dichloroethene	156-60-5	N.D.	0.80	5.0	1
10903	1,2-Dichloropropane	78-87-5	N.D.	1.0	5.0	1
10903	cis-1,3-Dichloropropene	10061-01-5	N.D.	1.0	5.0	1
10903	trans-1,3-Dichloropropene	10061-02-6	N.D.	1.0	5.0	1
10903	Methylene Chloride	75-09-2	N.D.	2.0	5.0	1
10903	1,1,1,2-Tetrachloroethane	630-20-6	N.D.	1.0	5.0	1
10903	1,1,2,2-Tetrachloroethane	79-34-5	N.D.	1.0	5.0	1
10903	Tetrachloroethene	127-18-4	N.D.	0.80	5.0	1
10903	1,1,1-Trichloroethane	71-55-6	N.D.	0.80	5.0	1
10903	1,1,2-Trichloroethane	79-00-5	N.D.	0.80	5.0	1
10903	Trichloroethene	79-01-6	N.D.	1.0	5.0	1
10903	Trichlorofluoromethane	75-69-4	N.D.	2.0	5.0	1
10903	1,2,3-Trichloropropane	96-18-4	N.D.	1.0	5.0	1
10903	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

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Analysis Report

Sample Description: **Trip Blank Water**
BP Sanborn COC: 187366
2040 Cory Drive - Sanborn, NY

LLI Sample # WW 6526483
LLI Group # 1285720
Account # 12495

Project Name: BP Sanborn

Collected: 01/18/2012

Submitted: 01/19/2012 09:45
Reported: 01/30/2012 15:33

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

TB-SN

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
10903	VOCs 8260 Parsons Specs List	SW-846 8260B	1	T120201AA	01/20/2012 13:15	Chelsea B Eastep	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	T120201AA	01/20/2012 13:15	Chelsea B Eastep	1

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

Quality Control Summary

Client Name: Atlantic Richfield(Parsons-NY) Group Number: 1285720
Reported: 01/30/12 at 03:33 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: T120201AA	Sample number(s): 6526476,6526483								
Benzyl Chloride	N.D.	1.0	5.0	ug/l	82		69-120		
Bromobenzene	N.D.	1.0	5.0	ug/l	91		80-120		
Bromodichloromethane	N.D.	1.0	5.0	ug/l	91		80-120		
Bromoform	N.D.	1.0	5.0	ug/l	77		61-120		
Bromomethane	N.D.	1.0	5.0	ug/l	95		44-120		
Carbon Tetrachloride	N.D.	1.0	5.0	ug/l	89		75-123		
Chlorobenzene	N.D.	0.80	5.0	ug/l	91		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	101		56-129		
Chloroform	N.D.	0.80	5.0	ug/l	101		77-122		
Chloromethane	N.D.	1.0	5.0	ug/l	96		60-129		
Dibromochloromethane	N.D.	1.0	5.0	ug/l	91		80-120		
Dibromomethane	N.D.	1.0	5.0	ug/l	105		80-120		
1,2-Dichlorobenzene	N.D.	1.0	5.0	ug/l	89		80-120		
1,3-Dichlorobenzene	N.D.	1.0	5.0	ug/l	92		80-120		
1,4-Dichlorobenzene	N.D.	1.0	5.0	ug/l	90		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	103		79-120		
1,2-Dichloroethane	N.D.	1.0	5.0	ug/l	115		70-130		
1,1-Dichloroethene	N.D.	0.80	5.0	ug/l	95		74-123		
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	101		78-120		
cis-1,3-Dichloropropene	N.D.	1.0	5.0	ug/l	86		80-120		
trans-1,3-Dichloropropene	N.D.	1.0	5.0	ug/l	83		79-120		
Methylene Chloride	N.D.	2.0	5.0	ug/l	105		80-120		
1,1,1,2-Tetrachloroethane	N.D.	1.0	5.0	ug/l	99		80-120		
1,1,2,2-Tetrachloroethane	N.D.	1.0	5.0	ug/l	94		71-120		
Tetrachloroethene	N.D.	0.80	5.0	ug/l	99		80-121		
1,1,1-Trichloroethane	N.D.	0.80	5.0	ug/l	97		75-127		
1,1,2-Trichloroethane	N.D.	0.80	5.0	ug/l	95		80-120		
Trichloroethene	N.D.	1.0	5.0	ug/l	99		80-120		
Trichlorofluoromethane	N.D.	2.0	5.0	ug/l	87		64-129		
1,2,3-Trichloropropane	N.D.	1.0	5.0	ug/l	84		80-120		
Vinyl Chloride	N.D.	1.0	5.0	ug/l	96		65-125		
Batch number: T120241AA	Sample number(s): 6526474-6526475,6526477-6526482								
Benzyl Chloride	N.D.	1.0	5.0	ug/l	87		69-120		
Bromobenzene	N.D.	1.0	5.0	ug/l	92		80-120		
Bromodichloromethane	N.D.	1.0	5.0	ug/l	89		80-120		
Bromoform	N.D.	1.0	5.0	ug/l	77		61-120		
Bromomethane	N.D.	1.0	5.0	ug/l	97		44-120		
Carbon Tetrachloride	N.D.	1.0	5.0	ug/l	81		75-123		
Chlorobenzene	N.D.	0.80	5.0	ug/l	90		80-120		
Chloroethane	N.D.	1.0	5.0	ug/l	97		49-129		

*- 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: 1285720
Reported: 01/30/12 at 03:33 PM

Analysis Name	Blank Result	Blank MDL**	Blank LOQ	Report Units	LCS %REC	LCSD %REC	LCS/LCSD Limits	RPD	RPD Max
2-Chloroethyl Vinyl Ether	N.D.	2.0	10	ug/l	97		56-129		
Chloroform	N.D.	0.80	5.0	ug/l	98		77-122		
Chloromethane	N.D.	1.0	5.0	ug/l	101		60-129		
Dibromochloromethane	N.D.	1.0	5.0	ug/l	88		80-120		
Dibromomethane	N.D.	1.0	5.0	ug/l	102		80-120		
1,2-Dichlorobenzene	N.D.	1.0	5.0	ug/l	90		80-120		
1,3-Dichlorobenzene	N.D.	1.0	5.0	ug/l	92		80-120		
1,4-Dichlorobenzene	N.D.	1.0	5.0	ug/l	92		80-120		
Dichlorodifluoromethane	N.D.	2.0	5.0	ug/l	75		47-120		
1,1-Dichloroethane	N.D.	1.0	5.0	ug/l	98		79-120		
1,2-Dichloroethane	N.D.	1.0	5.0	ug/l	112		70-130		
1,1-Dichloroethene	N.D.	0.80	5.0	ug/l	91		74-123		
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	100		78-120		
cis-1,3-Dichloropropene	N.D.	1.0	5.0	ug/l	84		80-120		
trans-1,3-Dichloropropene	N.D.	1.0	5.0	ug/l	84		79-120		
Methylene Chloride	N.D.	2.0	5.0	ug/l	104		80-120		
1,1,1,2-Tetrachloroethane	N.D.	1.0	5.0	ug/l	98		80-120		
1,1,2,2-Tetrachloroethane	N.D.	1.0	5.0	ug/l	93		71-120		
Tetrachloroethene	N.D.	0.80	5.0	ug/l	110		80-121		
1,1,1-Trichloroethane	N.D.	0.80	5.0	ug/l	88		75-127		
1,1,2-Trichloroethane	N.D.	0.80	5.0	ug/l	95		80-120		
Trichloroethene	N.D.	1.0	5.0	ug/l	102		80-120		
Trichlorofluoromethane	N.D.	2.0	5.0	ug/l	84		64-129		
1,2,3-Trichloropropane	N.D.	1.0	5.0	ug/l	86		80-120		
Vinyl Chloride	N.D.	1.0	5.0	ug/l	95		65-125		

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: T120201AA	Sample number(s): 6526476,6526483 UNSPK: P524424								
Benzyl Chloride	93	94	62-120	1	30				
Bromobenzene	97	97	82-115	0	30				
Bromodichloromethane	108	107	78-125	1	30				
Bromoform	94	92	60-121	2	30				
Bromomethane	108	109	38-149	1	30				
Carbon Tetrachloride	104	101	81-138	3	30				
Chlorobenzene	97	94	87-124	3	30				
Chloroethane	110	111	51-145	1	30				
2-Chloroethyl Vinyl Ether	91	90	10-151	1	30				
Chloroform	117	112	81-134	4	30				
Chloromethane	105	105	67-154	0	30				
Dibromochloromethane	106	107	74-116	1	30				
Dibromomethane	99	96	83-119	3	30				
1,2-Dichlorobenzene	92	94	84-119	2	30				
1,3-Dichlorobenzene	96	97	86-121	1	30				
1,4-Dichlorobenzene	97	97	85-121	0	30				
Dichlorodifluoromethane	95	99	52-129	4	30				
1,1-Dichloroethane	113	111	84-129	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: 1285720
Reported: 01/30/12 at 03:33 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
1,2-Dichloroethane	127	123	66-141	3	30				
1,1-Dichloroethene	112	110	85-142	2	30				
cis-1,2-Dichloroethene	-63 (2)	-153 (2)	85-125	1	30				
trans-1,2-Dichloroethene	111	107	87-126	2	30				
1,2-Dichloropropane	91	87	83-124	4	30				
cis-1,3-Dichloropropene	93	91	75-125	2	30				
trans-1,3-Dichloropropene	97	95	74-119	1	30				
Methylene Chloride	117	113	79-120	4	30				
1,1,1,2-Tetrachloroethane	108	106	82-119	2	30				
1,1,2,2-Tetrachloroethane	102	103	72-128	1	30				
Tetrachloroethene	112	109	80-128	2	30				
1,1,1-Trichloroethane	116	115	80-143	1	30				
1,1,2-Trichloroethane	96	97	77-124	1	30				
Trichloroethene	-833 (2)	-1427 (2)	88-133	3	30				
Trichlorofluoromethane	101	104	73-152	3	30				
1,2,3-Trichloropropane	88	88	76-118	0	30				
Vinyl Chloride	96	109	66-133	3	30				
Batch number: T120241AA	Sample number(s): 6526474-6526475,6526477-6526482 UNSPK: 6526477								
Benzyl Chloride	86	85	62-120	0	30				
Bromobenzene	98	96	82-115	2	30				
Bromodichloromethane	97	95	78-125	2	30				
Bromoform	80	77	60-121	4	30				
Bromomethane	92	92	38-149	1	30				
Carbon Tetrachloride	100	99	81-138	1	30				
Chlorobenzene	97	96	87-124	2	30				
Chloroethane	93	96	51-145	4	30				
2-Chloroethyl Vinyl Ether	99	101	10-151	3	30				
Chloroform	110	107	81-134	3	30				
Chloromethane	95	95	67-154	0	30				
Dibromochloromethane	95	94	74-116	1	30				
Dibromomethane	106	105	83-119	1	30				
1,2-Dichlorobenzene	96	93	84-119	3	30				
1,3-Dichlorobenzene	99	97	86-121	2	30				
1,4-Dichlorobenzene	96	96	85-121	0	30				
Dichlorodifluoromethane	88	91	52-129	3	30				
1,1-Dichloroethane	110	108	84-129	2	30				
1,2-Dichloroethane	123	120	66-141	3	30				
1,1-Dichloroethene	105	108	85-142	3	30				
cis-1,2-Dichloroethene	104	101	85-125	2	30				
trans-1,2-Dichloroethene	109	108	87-126	1	30				
1,2-Dichloropropane	108	106	83-124	2	30				
cis-1,3-Dichloropropene	91	89	75-125	3	30				
trans-1,3-Dichloropropene	88	89	74-119	0	30				
Methylene Chloride	116	110	79-120	5	30				
1,1,1,2-Tetrachloroethane	103	102	82-119	2	30				
1,1,2,2-Tetrachloroethane	98	97	72-128	1	30				
Tetrachloroethene	112	112	80-128	0	30				
1,1,1-Trichloroethane	104	104	80-143	0	30				
1,1,2-Trichloroethane	99	100	77-124	1	30				
Trichloroethene	110	106	88-133	3	30				

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

Quality Control Summary

Client Name: Atlantic Richfield(Parsons-NY) Group Number: 1285720
Reported: 01/30/12 at 03:33 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
Trichlorofluoromethane	90	95	73-152	5	30				
1,2,3-Trichloropropane	92	88	76-118	4	30				
Vinyl Chloride	93	97	66-133	4	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: T120201AA

	Dibromofluoromethane	1,2-Dichloroethane-d4	Toluene-d8	4-Bromofluorobenzene
6526476	95	93	101	108
6526483	92	96	104	108
Blank	95	95	101	110
LCS	95	95	104	111
MS	98	97	96	111
MSD	96	94	96	109
Limits:	80-116	77-113	80-113	78-113

Analysis Name: PPL + Xylene (total) by 8260
Batch number: T120241AA

	Dibromofluoromethane	1,2-Dichloroethane-d4	Toluene-d8	4-Bromofluorobenzene
6526474	92	92	102	106
6526475	91	91	101	105
6526477	93	93	97	103
6526478	92	91	101	108
6526479	91	93	102	108
6526480	90	91	98	105
6526481	92	91	99	104
6526482	91	90	98	105
Blank	90	93	99	104
LCS	90	92	101	108
MS	92	91	101	108
MSD	91	93	102	108
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.

Case Narrative

Project Name: BP Sanborn
LLI Group #: 1285720

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 #: T120201AA (Sample number(s): 6526476, 6526483 UNSPK: P524424)

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

Sample #s: 6526476

The value reported for trichloroethene is probably due to carryover from the previous sample. The analysis was repeated using a previously opened vial. This compound was not detected in the re-analysis. The reported results are from the initial analysis.

12495/1285720/6526474-83

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Laboratory Management Program LaMP Chain of Custody Record

187366

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: 2040 Cory Dr.	Consultant/Contractor: Parsons
Lab Address: 2425 Newholland Pike, Lancaster, PA 17601	City, State, ZIP Code: Sanborn, NY 14132	Consultant/Contractor Project No:
Lab PM: Lynn Fredericksen	Lead Regulatory Agency: NYSDEC	Address: 40 LaRiviere Dr. Suite 350, Buffalo, NY 14202
Lab Phone: (717) 656-2300	California Global ID No.:	Consultant/Contractor PM: George Hermance
Lab Shipping Accnt:	Enfos Proposal No: D00B4-0001	Phone: (716) 407-4990
Lab Bottle Order No:	Accounting Mode: 10 Provision ___ OOC-BU ___ OOC-RM ___	Email EDD To: Lorraine Weber
Other Info:	Stage: 60 Activity: 81	Invoice To: BP/ARC ✓ Contractor ___
BP/ARC EBM: Bill Barber		
EBM Phone: (716) 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 / Comments
	B-48	1/18/12	0955		X		3	X					X										
	B-42	1/18/12	0905		X		3	X					X										
	B-41	1/18/12	1110		X		3	X					X										2 VIALS REC'D BROKEN TS 1-20-12
	B-40	"	1200		X		3	X					X										
	B-40 MS	"	1200		X		3	X					X										
	B-40 MSD	"	1200		X		3	X					X										1 VIAL REC'D BROKEN TS 1-20-12
	Field Dup #3	"			X		3	X					X										↓
	B-39	"	1245		X		3	X					X										ALL VIALS REC'D BROKEN TS 1-20-12
	B-21	"	1335		X		3	X					X										2 VIALS REC'D BROKEN TS 1-20-12

Sampler's Name: Richard C Becker	Relinquished By / Affiliation	Date	Time	Accepted By / Affiliation	Date	Time
Sampler's Company: O+M Enterprises	Richard C Becker	1/18/12	1545			
Shipment Method: Fed Ex Ship Date: 1/18/12						
Shipment Tracking No: 875332269366				Burnett Bentz LLC	1-19-12	945

Special Instructions:

THIS LINE - LAB USE ONLY: Custody Seals In Place: Yes / No | Temp Blank: Yes / No | Cooler Temp on Receipt: 1.0 °F/C | Trip Blank: Yes / No | MS/MSD Sample Submitted: Yes / No

12495 / 1285720 / 652647483

Atlantic Richfield Company
A BP affiliated company

Laboratory Management Program LaMP Chain of Custody Record

187367

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

Lab Name: Lancaster Labs	BP/ARC Facility Address: 2040 Cory Dr.	Consultant/Contractor: Parsons
Lab Address: 2425 New Holland Pike Lancaster, PA 17601	City, State, ZIP Code: Sanborn, NY 14132	Consultant/Contractor Project No:
Lab PM: Lynn Frederiksen	Lead Regulatory Agency: NYS DEC	Address: 40 LaRivere Dr. Suite 350 Buffalo, NY 14202
Lab Phone: (717) 656-2300	California Global ID No.:	Consultant/Contractor PM: George Hermance
Lab Shipping Accnt:	Enfos Proposal No: D06B4-0001	Phone: (716) 407-4990
Lab Bottle Order No:	Accounting Mode: 10 Provision ___ OOC-BU ___ OOC-RM ___	Email EDD To: Lorraine Weber
Other Info:	Stage: 60 Activity: 81	Invoice To: BP/ARC ✓ Contractor ___

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

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

Lab No.	Sample Description	Date	Time	Matrix: Soil / Solid	Matrix: Water / Liquid	Matrix: Air / Vapor		Total Number of Containers	Unpreserved	H_2SO_4	HNO_3	HCl	Methanol		Requested Analyses: 8260										Comments
	B-22	1/18/12	1425		X			3	X						X										1 VIAL REC'D BROKEN TS 1-20-12
	B-28	1/18/12	1515		X			3	X						X										ALL VIALS REC'D BROKEN TS 1-20-12

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

	Relinquished By / Affiliation	Date	Time	Accepted By / Affiliation	Date	Time
Sampler's Name: Richard C Becker	Richard C Becker	1/18/12	1545			
Sampler's Company: O&M Enterprises Inc.						
Shipment Method: Fed Ex Ship Date: 1/18/12						
Shipment Tracking No:				Brenda Bundy LLI	1-19-12	945

Special Instructions:

THIS LINE - LAB USE ONLY: Custody Seals In Place: (Yes) No | Temp Blank: (Yes) No | Cooler Temp on Receipt: 1.0 °F/(C) | Trip Blank: (Yes) (No) 1-19-12 BCB | MS/MSD Sample Submitted: (Yes) No

Laboratory Copy

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Environmental Sample Administration Receipt Documentation Log

Client/Project: Parsons

Date of Receipt: 1-19-12

Time of Receipt: 945

Source Code: SO-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	2783	1.0	TB	WI	Y	B	
2							
3							
4							
5							
6							

Number of Trip Blanks received NOT listed on chain of custody: BMS 1-19-12 2

Paperwork Discrepancy/Unpacking Problems:

Rec 2 Broken vials for B41, B21

Rec 1 Broken vial for B40, Field Dup#3, B22

Rec 3 Broken vials for B39, B28

Unpacker Signature/Emp#: Brandy Barclay 2299 **Date/Time:** 1-19-12 1130

Issued by Dept. 6042 Management

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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.

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Analysis Report

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 26, 2012

Project: BP Sanborn

Submittal Date: 01/20/2012
Group Number: 1285918
PO Number: D00B4-0001
Release Number: BARBER
State of Sample Origin: NY

Client Sample Description	Lancaster Labs (LLI) #
B-26M Water	6527708
B-32M Water	6527709
B-38 Water	6527710
P-2 Water	6527711
PW-3 Water	6527712
PW-4 Water	6527713

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

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

Questions? Contact your Client Services Representative
Kaitlin N Plasterer at (717) 656-2300 Ext. 1815

Respectfully Submitted,

Robin C. Runkle
Senior Specialist

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Analysis Report

Sample Description: B-26M Water
BP Sanborn COC: 187721
2040 Cory Drive - Sanborn, NY B-26M

LLI Sample # WW 6527708
LLI Group # 1285918
Account # 12495

Project Name: BP Sanborn

Collected: 01/19/2012 16:30 by DD

Submitted: 01/20/2012 09:05
Reported: 01/26/2012 16:29

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

B26M-

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	
10903	Benzyl Chloride	100-44-7	N.D.	1.0	5.0	1
10903	Bromobenzene	108-86-1	N.D.	1.0	5.0	1
10903	Bromodichloromethane	75-27-4	N.D.	1.0	5.0	1
10903	Bromoform	75-25-2	N.D.	1.0	5.0	1
10903	Bromomethane	74-83-9	N.D.	1.0	5.0	1
10903	Carbon Tetrachloride	56-23-5	N.D.	1.0	5.0	1
10903	Chlorobenzene	108-90-7	N.D.	0.80	5.0	1
10903	Chloroethane	75-00-3	N.D.	1.0	5.0	1
10903	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.					
10903	Chloroform	67-66-3	N.D.	0.80	5.0	1
10903	Chloromethane	74-87-3	N.D.	1.0	5.0	1
10903	Dibromochloromethane	124-48-1	N.D.	1.0	5.0	1
10903	Dibromomethane	74-95-3	N.D.	1.0	5.0	1
10903	1,2-Dichlorobenzene	95-50-1	N.D.	1.0	5.0	1
10903	1,3-Dichlorobenzene	541-73-1	N.D.	1.0	5.0	1
10903	1,4-Dichlorobenzene	106-46-7	N.D.	1.0	5.0	1
10903	Dichlorodifluoromethane	75-71-8	N.D.	2.0	5.0	1
10903	1,1-Dichloroethane	75-34-3	N.D.	1.0	5.0	1
10903	1,2-Dichloroethane	107-06-2	N.D.	1.0	5.0	1
10903	1,1-Dichloroethene	75-35-4	N.D.	0.80	5.0	1
10903	cis-1,2-Dichloroethene	156-59-2	N.D.	0.80	5.0	1
10903	trans-1,2-Dichloroethene	156-60-5	N.D.	0.80	5.0	1
10903	1,2-Dichloropropane	78-87-5	N.D.	1.0	5.0	1
10903	cis-1,3-Dichloropropene	10061-01-5	N.D.	1.0	5.0	1
10903	trans-1,3-Dichloropropene	10061-02-6	N.D.	1.0	5.0	1
10903	Methylene Chloride	75-09-2	N.D.	2.0	5.0	1
10903	1,1,1,2-Tetrachloroethane	630-20-6	N.D.	1.0	5.0	1
10903	1,1,2,2-Tetrachloroethane	79-34-5	N.D.	1.0	5.0	1
10903	Tetrachloroethene	127-18-4	N.D.	0.80	5.0	1
10903	1,1,1-Trichloroethane	71-55-6	N.D.	0.80	5.0	1
10903	1,1,2-Trichloroethane	79-00-5	N.D.	0.80	5.0	1
10903	Trichloroethene	79-01-6	N.D.	1.0	5.0	1
10903	Trichlorofluoromethane	75-69-4	N.D.	2.0	5.0	1
10903	1,2,3-Trichloropropane	96-18-4	N.D.	1.0	5.0	1
10903	Vinyl Chloride	75-01-4	N.D.	1.0	5.0	1

General Sample Comments

State of New York Certification No. 10670
The temperature of the temperature blank bottle(s) for the backup voa vial upon receipt at the lab was 7.1 C using a Hg thermometer. The sample bottles were then measured using an IR thermometer and were recorded at 5.5-7.9 C.

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

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Analysis Report

Sample Description: **B-26M Water**
BP Sanborn COC: 187721
2040 Cory Drive - Sanborn, NY B-26M

LLI Sample # WW 6527708
LLI Group # 1285918
Account # 12495

Project Name: BP Sanborn

Collected: 01/19/2012 16:30 by DD

Submitted: 01/20/2012 09:05
Reported: 01/26/2012 16:29

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

B26M-

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
10903	VOCs 8260 Parsons Specs List	SW-846 8260B	1	N120241AA	01/24/2012 08:35	Michael D Cawley	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	N120241AA	01/24/2012 08:35	Michael D Cawley	1

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

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Analysis Report

Sample Description: B-32M Water
BP Sanborn COC: 187721
2040 Cory Drive - Sanborn, NY B-32M

LLI Sample # WW 6527709
LLI Group # 1285918
Account # 12495

Project Name: BP Sanborn

Collected: 01/19/2012 14:55 by DD

Submitted: 01/20/2012 09:05
Reported: 01/26/2012 16:29

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

B32M-

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	
10903	Benzyl Chloride	100-44-7	N.D.		1.0	5.0	1
10903	Bromobenzene	108-86-1	N.D.		1.0	5.0	1
10903	Bromodichloromethane	75-27-4	N.D.		1.0	5.0	1
10903	Bromoform	75-25-2	N.D.		1.0	5.0	1
10903	Bromomethane	74-83-9	N.D.		1.0	5.0	1
10903	Carbon Tetrachloride	56-23-5	N.D.		1.0	5.0	1
10903	Chlorobenzene	108-90-7	N.D.		0.80	5.0	1
10903	Chloroethane	75-00-3	N.D.		1.0	5.0	1
10903	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.						
10903	Chloroform	67-66-3	N.D.		0.80	5.0	1
10903	Chloromethane	74-87-3	N.D.		1.0	5.0	1
10903	Dibromochloromethane	124-48-1	N.D.		1.0	5.0	1
10903	Dibromomethane	74-95-3	N.D.		1.0	5.0	1
10903	1,2-Dichlorobenzene	95-50-1	N.D.		1.0	5.0	1
10903	1,3-Dichlorobenzene	541-73-1	N.D.		1.0	5.0	1
10903	1,4-Dichlorobenzene	106-46-7	N.D.		1.0	5.0	1
10903	Dichlorodifluoromethane	75-71-8	N.D.		2.0	5.0	1
10903	1,1-Dichloroethane	75-34-3	1.1	J	1.0	5.0	1
10903	1,2-Dichloroethane	107-06-2	N.D.		1.0	5.0	1
10903	1,1-Dichloroethene	75-35-4	N.D.		0.80	5.0	1
10903	cis-1,2-Dichloroethene	156-59-2	54		0.80	5.0	1
10903	trans-1,2-Dichloroethene	156-60-5	1.1	J	0.80	5.0	1
10903	1,2-Dichloropropane	78-87-5	N.D.		1.0	5.0	1
10903	cis-1,3-Dichloropropene	10061-01-5	N.D.		1.0	5.0	1
10903	trans-1,3-Dichloropropene	10061-02-6	N.D.		1.0	5.0	1
10903	Methylene Chloride	75-09-2	N.D.		2.0	5.0	1
10903	1,1,1,2-Tetrachloroethane	630-20-6	N.D.		1.0	5.0	1
10903	1,1,2,2-Tetrachloroethane	79-34-5	N.D.		1.0	5.0	1
10903	Tetrachloroethene	127-18-4	N.D.		0.80	5.0	1
10903	1,1,1-Trichloroethane	71-55-6	N.D.		0.80	5.0	1
10903	1,1,2-Trichloroethane	79-00-5	N.D.		0.80	5.0	1
10903	Trichloroethene	79-01-6	28		1.0	5.0	1
10903	Trichlorofluoromethane	75-69-4	N.D.		2.0	5.0	1
10903	1,2,3-Trichloropropane	96-18-4	N.D.		1.0	5.0	1
10903	Vinyl Chloride	75-01-4	1.2	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

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Analysis Report

Sample Description: **B-32M Water**
BP Sanborn COC: 187721
2040 Cory Drive - Sanborn, NY B-32M

LLI Sample # WW 6527709
LLI Group # 1285918
Account # 12495

Project Name: BP Sanborn

Collected: 01/19/2012 14:55 by DD

Submitted: 01/20/2012 09:05
Reported: 01/26/2012 16:29

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

B32M-

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
10903	VOCs 8260 Parsons Specs List	SW-846 8260B	1	N120241AA	01/24/2012 08:58	Michael D Cawley	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	N120241AA	01/24/2012 08:58	Michael D Cawley	1

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

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Analysis Report

Sample Description: B-38 Water
BP Sanborn COC: 187368
2040 Cory Drive - Sanborn, NY B-38

LLI Sample # WW 6527710
LLI Group # 1285918
Account # 12495

Project Name: BP Sanborn

Collected: 01/19/2012 08:45 by RCB

Submitted: 01/20/2012 09:05
Reported: 01/26/2012 16:29

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

B38--

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	
10903	Benzyl Chloride	100-44-7	N.D.		1.0	5.0	1
10903	Bromobenzene	108-86-1	N.D.		1.0	5.0	1
10903	Bromodichloromethane	75-27-4	N.D.		1.0	5.0	1
10903	Bromoform	75-25-2	N.D.		1.0	5.0	1
10903	Bromomethane	74-83-9	N.D.		1.0	5.0	1
10903	Carbon Tetrachloride	56-23-5	N.D.		1.0	5.0	1
10903	Chlorobenzene	108-90-7	N.D.		0.80	5.0	1
10903	Chloroethane	75-00-3	N.D.		1.0	5.0	1
10903	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.						
10903	Chloroform	67-66-3	N.D.		0.80	5.0	1
10903	Chloromethane	74-87-3	N.D.		1.0	5.0	1
10903	Dibromochloromethane	124-48-1	N.D.		1.0	5.0	1
10903	Dibromomethane	74-95-3	N.D.		1.0	5.0	1
10903	1,2-Dichlorobenzene	95-50-1	N.D.		1.0	5.0	1
10903	1,3-Dichlorobenzene	541-73-1	N.D.		1.0	5.0	1
10903	1,4-Dichlorobenzene	106-46-7	N.D.		1.0	5.0	1
10903	Dichlorodifluoromethane	75-71-8	N.D.		2.0	5.0	1
10903	1,1-Dichloroethane	75-34-3	N.D.		1.0	5.0	1
10903	1,2-Dichloroethane	107-06-2	N.D.		1.0	5.0	1
10903	1,1-Dichloroethene	75-35-4	N.D.		0.80	5.0	1
10903	cis-1,2-Dichloroethene	156-59-2	44		0.80	5.0	1
10903	trans-1,2-Dichloroethene	156-60-5	0.92	J	0.80	5.0	1
10903	1,2-Dichloropropane	78-87-5	N.D.		1.0	5.0	1
10903	cis-1,3-Dichloropropene	10061-01-5	N.D.		1.0	5.0	1
10903	trans-1,3-Dichloropropene	10061-02-6	N.D.		1.0	5.0	1
10903	Methylene Chloride	75-09-2	N.D.		2.0	5.0	1
10903	1,1,1,2-Tetrachloroethane	630-20-6	N.D.		1.0	5.0	1
10903	1,1,2,2-Tetrachloroethane	79-34-5	N.D.		1.0	5.0	1
10903	Tetrachloroethene	127-18-4	N.D.		0.80	5.0	1
10903	1,1,1-Trichloroethane	71-55-6	N.D.		0.80	5.0	1
10903	1,1,2-Trichloroethane	79-00-5	N.D.		0.80	5.0	1
10903	Trichloroethene	79-01-6	21		1.0	5.0	1
10903	Trichlorofluoromethane	75-69-4	N.D.		2.0	5.0	1
10903	1,2,3-Trichloropropane	96-18-4	N.D.		1.0	5.0	1
10903	Vinyl Chloride	75-01-4	1.1	J	1.0	5.0	1

General Sample Comments

State of New York Certification No. 10670
The temperature of the temperature blank bottle(s) for the backup voa vial upon receipt at the lab was 7.1 C using a Hg thermometer. The sample bottles were then measured using an IR thermometer and were recorded at 5.5-7.9 C.

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

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Analysis Report

Sample Description: B-38 Water
BP Sanborn COC: 187368
2040 Cory Drive - Sanborn, NY B-38

LLI Sample # WW 6527710
LLI Group # 1285918
Account # 12495

Project Name: BP Sanborn

Collected: 01/19/2012 08:45 by RCB

Submitted: 01/20/2012 09:05
Reported: 01/26/2012 16:29

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

B38--

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
10903	VOCs 8260 Parsons Specs List	SW-846 8260B	1	N120241AA	01/24/2012 09:21	Michael D Cawley	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	N120241AA	01/24/2012 09:21	Michael D Cawley	1

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Analysis Report

Sample Description: P-2 Water
BP Sanborn COC: 187368
2040 Cory Drive - Sanborn, NY P-2

LLI Sample # WW 6527711
LLI Group # 1285918
Account # 12495

Project Name: BP Sanborn

Collected: 01/19/2012 09:30 by RCB

Submitted: 01/20/2012 09:05
Reported: 01/26/2012 16:29

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

P2---

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	
10903	Benzyl Chloride	100-44-7	N.D.		2.0	10	2
10903	Bromobenzene	108-86-1	N.D.		2.0	10	2
10903	Bromodichloromethane	75-27-4	N.D.		2.0	10	2
10903	Bromoform	75-25-2	N.D.		2.0	10	2
10903	Bromomethane	74-83-9	N.D.		2.0	10	2
10903	Carbon Tetrachloride	56-23-5	N.D.		2.0	10	2
10903	Chlorobenzene	108-90-7	N.D.		1.6	10	2
10903	Chloroethane	75-00-3	N.D.		2.0	10	2
10903	2-Chloroethyl Vinyl Ether	110-75-8	N.D.		4.0	20	2
	2-Chloroethyl vinyl ether may not be recovered if acid was used to preserve this sample.						
10903	Chloroform	67-66-3	N.D.		1.6	10	2
10903	Chloromethane	74-87-3	N.D.		2.0	10	2
10903	Dibromochloromethane	124-48-1	N.D.		2.0	10	2
10903	Dibromomethane	74-95-3	N.D.		2.0	10	2
10903	1,2-Dichlorobenzene	95-50-1	N.D.		2.0	10	2
10903	1,3-Dichlorobenzene	541-73-1	N.D.		2.0	10	2
10903	1,4-Dichlorobenzene	106-46-7	N.D.		2.0	10	2
10903	Dichlorodifluoromethane	75-71-8	N.D.		4.0	10	2
10903	1,1-Dichloroethane	75-34-3	82		2.0	10	2
10903	1,2-Dichloroethane	107-06-2	N.D.		2.0	10	2
10903	1,1-Dichloroethene	75-35-4	22		1.6	10	2
10903	cis-1,2-Dichloroethene	156-59-2	500		1.6	10	2
10903	trans-1,2-Dichloroethene	156-60-5	2.4	J	1.6	10	2
10903	1,2-Dichloropropane	78-87-5	N.D.		2.0	10	2
10903	cis-1,3-Dichloropropene	10061-01-5	N.D.		2.0	10	2
10903	trans-1,3-Dichloropropene	10061-02-6	N.D.		2.0	10	2
10903	Methylene Chloride	75-09-2	N.D.		4.0	10	2
10903	1,1,1,2-Tetrachloroethane	630-20-6	N.D.		2.0	10	2
10903	1,1,2,2-Tetrachloroethane	79-34-5	N.D.		2.0	10	2
10903	Tetrachloroethene	127-18-4	N.D.		1.6	10	2
10903	1,1,1-Trichloroethane	71-55-6	560		1.6	10	2
10903	1,1,2-Trichloroethane	79-00-5	N.D.		1.6	10	2
10903	Trichloroethene	79-01-6	1,600		20	100	20
10903	Trichlorofluoromethane	75-69-4	N.D.		4.0	10	2
10903	1,2,3-Trichloropropane	96-18-4	N.D.		2.0	10	2
10903	Vinyl Chloride	75-01-4	5.7	J	2.0	10	2

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

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Analysis Report

Sample Description: P-2 Water
BP Sanborn COC: 187368
2040 Cory Drive - Sanborn, NY P-2

LLI Sample # WW 6527711
LLI Group # 1285918
Account # 12495

Project Name: BP Sanborn

Collected: 01/19/2012 09:30 by RCB

Submitted: 01/20/2012 09:05
Reported: 01/26/2012 16:29

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

P2---

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
10903	VOCs 8260 Parsons Specs List	SW-846 8260B	1	N120241AA	01/24/2012 11:39	Michael D Cawley	2
10903	VOCs 8260 Parsons Specs List	SW-846 8260B	1	N120241AA	01/24/2012 12:02	Michael D Cawley	20
01163	GC/MS VOA Water Prep	SW-846 5030B	1	N120241AA	01/24/2012 11:39	Michael D Cawley	2
01163	GC/MS VOA Water Prep	SW-846 5030B	2	N120241AA	01/24/2012 12:02	Michael D Cawley	20

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

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Analysis Report

Sample Description: PW-3 Water
BP Sanborn COC: 187368
2040 Cory Drive - Sanborn, NY PW-3

LLI Sample # WW 6527712
LLI Group # 1285918
Account # 12495

Project Name: BP Sanborn

Collected: 01/19/2012 09:20 by RCB

Submitted: 01/20/2012 09:05
Reported: 01/26/2012 16:29

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

PW3--

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	
10903	Benzyl Chloride	100-44-7	N.D.		2.0	10	2
10903	Bromobenzene	108-86-1	N.D.		2.0	10	2
10903	Bromodichloromethane	75-27-4	N.D.		2.0	10	2
10903	Bromoform	75-25-2	N.D.		2.0	10	2
10903	Bromomethane	74-83-9	N.D.		2.0	10	2
10903	Carbon Tetrachloride	56-23-5	N.D.		2.0	10	2
10903	Chlorobenzene	108-90-7	N.D.		1.6	10	2
10903	Chloroethane	75-00-3	N.D.		2.0	10	2
10903	2-Chloroethyl Vinyl Ether	110-75-8	N.D.		4.0	20	2
	2-Chloroethyl vinyl ether may not be recovered if acid was used to preserve this sample.						
10903	Chloroform	67-66-3	N.D.		1.6	10	2
10903	Chloromethane	74-87-3	N.D.		2.0	10	2
10903	Dibromochloromethane	124-48-1	N.D.		2.0	10	2
10903	Dibromomethane	74-95-3	N.D.		2.0	10	2
10903	1,2-Dichlorobenzene	95-50-1	N.D.		2.0	10	2
10903	1,3-Dichlorobenzene	541-73-1	N.D.		2.0	10	2
10903	1,4-Dichlorobenzene	106-46-7	N.D.		2.0	10	2
10903	Dichlorodifluoromethane	75-71-8	N.D.		4.0	10	2
10903	1,1-Dichloroethane	75-34-3	N.D.		2.0	10	2
10903	1,2-Dichloroethane	107-06-2	N.D.		2.0	10	2
10903	1,1-Dichloroethene	75-35-4	2.3	J	1.6	10	2
10903	cis-1,2-Dichloroethene	156-59-2	500		1.6	10	2
10903	trans-1,2-Dichloroethene	156-60-5	2.7	J	1.6	10	2
10903	1,2-Dichloropropane	78-87-5	N.D.		2.0	10	2
10903	cis-1,3-Dichloropropene	10061-01-5	N.D.		2.0	10	2
10903	trans-1,3-Dichloropropene	10061-02-6	N.D.		2.0	10	2
10903	Methylene Chloride	75-09-2	N.D.		4.0	10	2
10903	1,1,1,2-Tetrachloroethane	630-20-6	N.D.		2.0	10	2
10903	1,1,2,2-Tetrachloroethane	79-34-5	N.D.		2.0	10	2
10903	Tetrachloroethene	127-18-4	N.D.		1.6	10	2
10903	1,1,1-Trichloroethane	71-55-6	N.D.		1.6	10	2
10903	1,1,2-Trichloroethane	79-00-5	N.D.		1.6	10	2
10903	Trichloroethene	79-01-6	2,000		20	100	20
10903	Trichlorofluoromethane	75-69-4	N.D.		4.0	10	2
10903	1,2,3-Trichloropropane	96-18-4	N.D.		2.0	10	2
10903	Vinyl Chloride	75-01-4	2.3	J	2.0	10	2

General Sample Comments

State of New York Certification No. 10670
The temperature of the temperature blank bottle(s) for the prescreen & backup vial for VOAs upon receipt at the lab was 7.1 C using a Hg thermometer. The sample bottles were then measured using an IR thermometer and were recorded at 5.5-7.9 C.

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

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Analysis Report

Sample Description: PW-3 Water
BP Sanborn COC: 187368
2040 Cory Drive - Sanborn, NY PW-3

LLI Sample # WW 6527712
LLI Group # 1285918
Account # 12495

Project Name: BP Sanborn

Collected: 01/19/2012 09:20 by RCB

Submitted: 01/20/2012 09:05
Reported: 01/26/2012 16:29

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

PW3--

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
10903	VOCs 8260 Parsons Specs List	SW-846 8260B	1	N120241AA	01/24/2012 12:25	Michael D Cawley	2
10903	VOCs 8260 Parsons Specs List	SW-846 8260B	1	N120241AA	01/24/2012 12:48	Michael D Cawley	20
01163	GC/MS VOA Water Prep	SW-846 5030B	1	N120241AA	01/24/2012 12:25	Michael D Cawley	2
01163	GC/MS VOA Water Prep	SW-846 5030B	2	N120241AA	01/24/2012 12:48	Michael D Cawley	20

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Analysis Report

Sample Description: PW-4 Water
BP Sanborn COC: 187368
2040 Cory Drive - Sanborn, NY PW-4

LLI Sample # WW 6527713
LLI Group # 1285918
Account # 12495

Project Name: BP Sanborn

Collected: 01/19/2012 09:45 by RCB

Submitted: 01/20/2012 09:05
Reported: 01/26/2012 16:29

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

PW4--

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	
10903	Benzyl Chloride	100-44-7	N.D.		1.0	5.0	1
10903	Bromobenzene	108-86-1	N.D.		1.0	5.0	1
10903	Bromodichloromethane	75-27-4	N.D.		1.0	5.0	1
10903	Bromoform	75-25-2	N.D.		1.0	5.0	1
10903	Bromomethane	74-83-9	N.D.		1.0	5.0	1
10903	Carbon Tetrachloride	56-23-5	N.D.		1.0	5.0	1
10903	Chlorobenzene	108-90-7	N.D.		0.80	5.0	1
10903	Chloroethane	75-00-3	N.D.		1.0	5.0	1
10903	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.						
10903	Chloroform	67-66-3	N.D.		0.80	5.0	1
10903	Chloromethane	74-87-3	N.D.		1.0	5.0	1
10903	Dibromochloromethane	124-48-1	N.D.		1.0	5.0	1
10903	Dibromomethane	74-95-3	N.D.		1.0	5.0	1
10903	1,2-Dichlorobenzene	95-50-1	N.D.		1.0	5.0	1
10903	1,3-Dichlorobenzene	541-73-1	N.D.		1.0	5.0	1
10903	1,4-Dichlorobenzene	106-46-7	N.D.		1.0	5.0	1
10903	Dichlorodifluoromethane	75-71-8	N.D.		2.0	5.0	1
10903	1,1-Dichloroethane	75-34-3	N.D.		1.0	5.0	1
10903	1,2-Dichloroethane	107-06-2	N.D.		1.0	5.0	1
10903	1,1-Dichloroethene	75-35-4	N.D.		0.80	5.0	1
10903	cis-1,2-Dichloroethene	156-59-2	1.8	J	0.80	5.0	1
10903	trans-1,2-Dichloroethene	156-60-5	N.D.		0.80	5.0	1
10903	1,2-Dichloropropane	78-87-5	N.D.		1.0	5.0	1
10903	cis-1,3-Dichloropropene	10061-01-5	N.D.		1.0	5.0	1
10903	trans-1,3-Dichloropropene	10061-02-6	N.D.		1.0	5.0	1
10903	Methylene Chloride	75-09-2	N.D.		2.0	5.0	1
10903	1,1,1,2-Tetrachloroethane	630-20-6	N.D.		1.0	5.0	1
10903	1,1,2,2-Tetrachloroethane	79-34-5	N.D.		1.0	5.0	1
10903	Tetrachloroethene	127-18-4	N.D.		0.80	5.0	1
10903	1,1,1-Trichloroethane	71-55-6	N.D.		0.80	5.0	1
10903	1,1,2-Trichloroethane	79-00-5	N.D.		0.80	5.0	1
10903	Trichloroethene	79-01-6	23		1.0	5.0	1
10903	Trichlorofluoromethane	75-69-4	N.D.		2.0	5.0	1
10903	1,2,3-Trichloropropane	96-18-4	N.D.		1.0	5.0	1
10903	Vinyl Chloride	75-01-4	N.D.		1.0	5.0	1

General Sample Comments

State of New York Certification No. 10670
The temperature of the temperature blank bottle(s) for the backup voa vial upon receipt at the lab was 7.1 C using a Hg thermometer. The sample bottles were then measured using an IR thermometer and were recorded at 5.5-7.9 C.

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

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Analysis Report

Sample Description: PW-4 Water
BP Sanborn COC: 187368
2040 Cory Drive - Sanborn, NY PW-4

LLI Sample # WW 6527713
LLI Group # 1285918
Account # 12495

Project Name: BP Sanborn

Collected: 01/19/2012 09:45 by RCB

Submitted: 01/20/2012 09:05
Reported: 01/26/2012 16:29

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

PW4--

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
10903	VOCs 8260 Parsons Specs List	SW-846 8260B	1	N120241AA	01/24/2012 09:44	Michael D Cawley	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	N120241AA	01/24/2012 09:44	Michael D Cawley	1

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

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Analysis Report

Quality Control Summary

Client Name: Atlantic Richfield(Parsons-NY) Group Number: 1285918
Reported: 01/26/12 at 04:29 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: N120241AA	Sample number(s): 6527708-6527713								
Benzyl Chloride	N.D.	1.0	5.0	ug/l	73	76	69-120	5	30
Bromobenzene	N.D.	1.0	5.0	ug/l	83	85	80-120	3	30
Bromodichloromethane	N.D.	1.0	5.0	ug/l	85	88	80-120	4	30
Bromoform	N.D.	1.0	5.0	ug/l	81	82	61-120	2	30
Bromomethane	N.D.	1.0	5.0	ug/l	73	76	44-120	3	30
Carbon Tetrachloride	N.D.	1.0	5.0	ug/l	88	86	75-123	3	30
Chlorobenzene	N.D.	0.80	5.0	ug/l	91	92	80-120	1	30
Chloroethane	N.D.	1.0	5.0	ug/l	71	72	49-129	0	30
2-Chloroethyl Vinyl Ether	N.D.	2.0	10	ug/l	86	92	56-129	7	30
Chloroform	N.D.	0.80	5.0	ug/l	91	92	77-122	2	30
Chloromethane	N.D.	1.0	5.0	ug/l	77	79	60-129	3	30
Dibromochloromethane	N.D.	1.0	5.0	ug/l	84	86	80-120	3	30
Dibromomethane	N.D.	1.0	5.0	ug/l	91	93	80-120	3	30
1,2-Dichlorobenzene	N.D.	1.0	5.0	ug/l	80	84	80-120	5	30
1,3-Dichlorobenzene	N.D.	1.0	5.0	ug/l	82	84	80-120	2	30
1,4-Dichlorobenzene	N.D.	1.0	5.0	ug/l	81	81	80-120	1	30
Dichlorodifluoromethane	N.D.	2.0	5.0	ug/l	88	76	47-120	14	30
1,1-Dichloroethane	N.D.	1.0	5.0	ug/l	89	95	79-120	6	30
1,2-Dichloroethane	N.D.	1.0	5.0	ug/l	95	98	70-130	3	30
1,1-Dichloroethene	N.D.	0.80	5.0	ug/l	93	93	74-123	1	30
cis-1,2-Dichloroethene	N.D.	0.80	5.0	ug/l	90	94	80-120	4	30
trans-1,2-Dichloroethene	N.D.	0.80	5.0	ug/l	91	92	80-120	1	30
1,2-Dichloropropane	N.D.	1.0	5.0	ug/l	92	96	78-120	4	30
cis-1,3-Dichloropropene	N.D.	1.0	5.0	ug/l	88	91	80-120	4	30
trans-1,3-Dichloropropene	N.D.	1.0	5.0	ug/l	82	87	79-120	5	30
Methylene Chloride	N.D.	2.0	5.0	ug/l	90	94	80-120	4	30
1,1,1,2-Tetrachloroethane	N.D.	1.0	5.0	ug/l	85	88	80-120	4	30
1,1,2,2-Tetrachloroethane	N.D.	1.0	5.0	ug/l	82	83	71-120	2	30
Tetrachloroethene	N.D.	0.80	5.0	ug/l	89	87	80-121	2	30
1,1,1-Trichloroethane	N.D.	0.80	5.0	ug/l	89	90	75-127	1	30
1,1,2-Trichloroethane	N.D.	0.80	5.0	ug/l	88	92	80-120	5	30
Trichloroethene	N.D.	1.0	5.0	ug/l	91	89	80-120	2	30
Trichlorofluoromethane	N.D.	2.0	5.0	ug/l	96	88	64-129	8	30
1,2,3-Trichloropropane	N.D.	1.0	5.0	ug/l	85	87	80-120	3	30
Vinyl Chloride	N.D.	1.0	5.0	ug/l	88	88	65-125	0	30

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

MS	MSD	MS/MSD	RPD	BKG	DUP	DUP	Dup RPD

*- 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: 1285918
Reported: 01/26/12 at 04:29 PM

Analysis Name	%REC	%REC Limits	RPD	MAX	Conc	Conc	RPD	Max
Batch number: N120241AA	Sample number(s): 6527708-6527713 UNSPK: P526909							
Benzyl Chloride	80	62-120						
Bromobenzene	92	82-115						
Bromodichloromethane	91	78-125						
Bromoform	83	60-121						
Bromomethane	82	38-149						
Carbon Tetrachloride	96	81-138						
Chlorobenzene	99	87-124						
Chloroethane	81	51-145						
2-Chloroethyl Vinyl Ether	0*	10-151						
Chloroform	100	81-134						
Chloromethane	88	67-154						
Dibromochloromethane	90	74-116						
Dibromomethane	95	83-119						
1,2-Dichlorobenzene	91	84-119						
1,3-Dichlorobenzene	93	86-121						
1,4-Dichlorobenzene	89	85-121						
Dichlorodifluoromethane	96	52-129						
1,1-Dichloroethane	100	84-129						
1,2-Dichloroethane	146*	66-141						
1,1-Dichloroethene	100	85-142						
cis-1,2-Dichloroethene	98	85-125						
trans-1,2-Dichloroethene	98	87-126						
1,2-Dichloropropane	99	83-124						
cis-1,3-Dichloropropene	92	75-125						
trans-1,3-Dichloropropene	91	74-119						
Methylene Chloride	110	79-120						
1,1,1,2-Tetrachloroethane	94	82-119						
1,1,2,2-Tetrachloroethane	87	72-128						
Tetrachloroethene	100	80-128						
1,1,1-Trichloroethane	97	80-143						
1,1,2-Trichloroethane	99	77-124						
Trichloroethene	98	88-133						
Trichlorofluoromethane	106	73-152						
1,2,3-Trichloropropane	92	76-118						
Vinyl Chloride	99	66-133						

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: N120241AA

	Dibromofluoromethane	1,2-Dichloroethane-d4	Toluene-d8	4-Bromofluorobenzene
6527708	104	104	95	97
6527709	106	106	92	102
6527710	107	104	91	102
6527711	105	105	97	97
6527712	104	104	97	98
6527713	106	105	96	95
Blank	103	104	95	98
LCS	104	105	101	104
LCSD	104	106	100	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.

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Quality Control Summary

Client Name: Atlantic Richfield(Parsons-NY) Group Number: 1285918
Reported: 01/26/12 at 04:29 PM

Surrogate Quality Control

MS	103	101	103	102
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.

Case Narrative

Project Name: BP Sanborn
LLI Group #: 1285918

General Comments:

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

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

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

Project specific QC samples are not included in this data set

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

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

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

6527708: The temperature of the temperature blank bottle(s) for the backup voa vial upon receipt at the lab was 7.1 C using a Hg thermometer. The sample bottles were then measured using an IR thermometer and were recorded at 5.5-7.9 C. 6527710: The temperature of the temperature blank bottle(s) for the backup voa vial upon receipt at the lab was 7.1 C using a Hg thermometer. The sample bottles were then measured using an IR thermometer and were recorded at 5.5-7.9 C. 6527712: The temperature of the temperature blank bottle(s) for the prescreen & backup vial for VOAs upon receipt at the lab was 7.1 C using a Hg thermometer. The sample bottles were then measured using an IR thermometer and were recorded at 5.5-7.9 C. 6527713: The temperature of the temperature blank bottle(s) for the backup voa vial upon receipt at the lab was 7.1 C using a Hg thermometer. The sample bottles were then measured using an IR thermometer and were recorded at 5.5-7.9 C.

Analysis Specific Comments:

SW-846 8260B, GC/MS Volatiles

Batch #: N120241AA (Sample number(s): 6527708-6527713 UNSPK: P526909)

The recovery(ies) for the following analyte(s) in the MS was outside the acceptance window: 1,2-Dichloroethane, 2-Chloroethyl Vinyl Ether

12495/1285918/6527708-14

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Laboratory Management Program LaMP Chain of Custody Record

187721

BP/ARC Project Name: BP, Sanborn

BP/ARC Facility No:

Req Due Date (mm/dd/yy):

Rush TAT: Yes ___ No ___

Lab Work Order Number:

Lab Name: Lancaster Labs	BP/ARC Facility Address: 2040 Cory Drive;	Consultant/Contractor: Parsons
Lab Address: 2425 New Holland Pike, PA 17601	City, State, ZIP Code: Sanborn, NY 14132	Consultant/Contractor Project No:
Lab PM: Kaitlin Plasterer	Lead Regulatory Agency: NYSDEC	Address: 40 La Riviere Dr. Suite 350, Buffalo NY 14202
Lab Phone: 717-656-2300	California Global ID No.:	Consultant/Contractor PM: George Hermance
Lab Shipping Accnt:	Enfos Proposal No: D00B4-0001	Phone: (716)-407-4990
Lab Bottle Order No:	Accounting Mode: 10 Provision ___ OOC-BU ___ OOC-RM ___	Email EDD To: Lorraine Weber
Other Info:	Stage: 60 Activity: 81	Invoice To: BP/ARC ✓ Contractor ___

BP/ARC EBM: Bill Barber

EBM Phone: (216)-271-8038

EBM Email:

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

Lab No.	Sample Description	Date	Time	Matrix: Soil / Solid	Matrix: Water / Liquid	Matrix: Air / Vapor	Total Number of Containers	Unpreserved	H_2SO_4	HNO_3	HCl	Methanol	8260	Comments
	B-26M	01/19/12	1630		X		3	X					X	
	B-32M	01/19/12	1455		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: Devanshu Desai, Rob Piurek

Sampler's Company: Parsons

Shipment Method: FedEx   Ship Date:

Shipment Tracking No:

Relinquished By / Affiliation	Date	Time	Accepted By / Affiliation	Date	Time
Devanshu Desai / Parsons	01/19/12	1700			
			[signature] LLI	1-20-12	905

Special Instructions:

THIS LINE - LAB USE ONLY: Custody Seals In Place: (Yes) / No   Temp Blank: (Yes) / No   Cooler Temp on Receipt: 0.1 °F/(C)   Trip Blank: (Yes) / No   MS/MSD Sample Submitted: Yes / (No)

Laboratory Copy

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

12495 | 1285918 | 6527708-14

Atlantic Richfield Company
A BP affiliated company

Laboratory Management Program LaMP Chain of Custody Record

187368

Page 1 of 1

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

Lab Name: Lancaster Labs	BP/ARC Facility Address: 2040 Cory Dr.	Consultant/Contractor: Parsons
Lab Address: 2425 New Holland Pike Lancaster, PA 1760[illegible]	City, State, ZIP Code: Sanborn, NY 14132	Consultant/Contractor Project No:
Lab PM: Lynn Frederiksen	Lead Regulatory Agency: NYSDEC	Address: 48 LaRiviere Dr, Suite 380, Buffalo, NY 14202
Lab Phone: (717) 656-2300	California Global ID No.:	Consultant/Contractor PM: George Hermance
Lab Shipping Accnt:	Enfos Proposal No: D00BY-0001	Phone: (716) 407-4990
Lab Bottle Order No:	Accounting Mode: 10 Provision ___ OOC-BU ___ OOC-RM ___	Email EDD To: Lorraine Weber
Other Info:	Stage: 60 Activity: 81	Invoice To: BP/ARC ✓ Contractor ___
BP/ARC EBM: Bill Barber		
EBM Phone: (716) 271-8038		
EBM Email:		

Lab No.	Sample Description	Date	Time	Matrix: Soil / Solid	Matrix: Water / Liquid	Matrix: Air / Vapor		Total Number of Containers	Unpreserved	H_2SO_4	HNO_3	HCl	Methanol		Requested Analyses: 8260										Comments
	B-38	1/19/12	0845		X			3	X						X										
	P-2	|	0930		X			3	X						X										
	PW-3	|	0920		X			3	X						X										
	PW-4	|	0945		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 Becker
Sampler's Company: O+M Enterprises, Inc.
Shipment Method: Fed Ex Ship Date: 1/19/12
Shipment Tracking No:

Relinquished By / Affiliation	Date	Time	Accepted By / Affiliation	Date	Time
Richard C Becker O+M	1/19/12	10:05A	Doug Taylor / Parsons	1/19/12	10:05A
Doug Taylor / Parsons	1/19/12	3:10 PM	[illegible] LLI	1-20-12	905

Special Instructions:

THIS LINE - LAB USE ONLY: Custody Seals In Place: (Yes) / No | Temp Blank: (Yes) / No | Cooler Temp on Receipt: 7.[illegible] °F/(C) | Trip Blank: (Yes) / No | MS/MSD Sample Submitted: Yes / (No)

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

Laboratory Copy

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Environmental Sample Administration
Receipt Documentation Log

Client/Project: Parsons

Date of Receipt: 1-20-12

Time of Receipt: 905

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	2783	7.1	TB	WI	Y	B	5.9 5.5 2.3 6.0 1.9
2							
3							
4							
5							
6							

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

Paperwork Discrepancy/Unpacking Problems:

Rec 1 Broken vial for B26M, B32M, P2

Rec 1 vial in temp for B26M, B38, PW4
Rec 2 vials in temp PW-3

Unpacker Signature/Emp#: Brandy Bandy 2299 **Date/Time:** 1-20-12 10:24

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.

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Analysis Report

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 31, 2012

Project: BP Sanborn

Submittal Date: 01/26/2012
Group Number: 1286721
PO Number: D00B4-0002
Release Number: BARBER
State of Sample Origin: NY

Client Sample Description	Lancaster Labs (LLI) #
B-13 Water	6532442
B-39 Water	6532443
B-28 Water	6532444
Trip Blank Water	6532445

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

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Questions? Contact your Client Services Representative
Kaitlin N Plasterer at (717) 656-2300 Ext. 1815

Respectfully Submitted,

Lawrence M. Taylor
Senior Specialist

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Analysis Report

Sample Description: B-13 Water
BP Sanborn COC: 187710
2040 Cory Drive - Sanborn, NY B-13

LLI Sample # WW 6532442
LLI Group # 1286721
Account # 12495

Project Name: BP Sanborn

Collected: 01/25/2012 11:05 by DD

Submitted: 01/26/2012 09:00
Reported: 01/31/2012 16:03

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

B13--

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	
10903	Benzyl Chloride	100-44-7	N.D.	1.0	5.0	1
10903	Bromobenzene	108-86-1	N.D.	1.0	5.0	1
10903	Bromodichloromethane	75-27-4	N.D.	1.0	5.0	1
10903	Bromoform	75-25-2	N.D.	1.0	5.0	1
10903	Bromomethane	74-83-9	N.D.	1.0	5.0	1
10903	Carbon Tetrachloride	56-23-5	N.D.	1.0	5.0	1
10903	Chlorobenzene	108-90-7	N.D.	0.80	5.0	1
10903	Chloroethane	75-00-3	N.D.	1.0	5.0	1
10903	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.					
10903	Chloroform	67-66-3	N.D.	0.80	5.0	1
10903	Chloromethane	74-87-3	N.D.	1.0	5.0	1
10903	Dibromochloromethane	124-48-1	N.D.	1.0	5.0	1
10903	Dibromomethane	74-95-3	N.D.	1.0	5.0	1
10903	1,2-Dichlorobenzene	95-50-1	N.D.	1.0	5.0	1
10903	1,3-Dichlorobenzene	541-73-1	N.D.	1.0	5.0	1
10903	1,4-Dichlorobenzene	106-46-7	N.D.	1.0	5.0	1
10903	Dichlorodifluoromethane	75-71-8	N.D.	2.0	5.0	1
10903	1,1-Dichloroethane	75-34-3	47	1.0	5.0	1
10903	1,2-Dichloroethane	107-06-2	N.D.	1.0	5.0	1
10903	1,1-Dichloroethene	75-35-4	10	0.80	5.0	1
10903	cis-1,2-Dichloroethene	156-59-2	780	8.0	50	10
10903	trans-1,2-Dichloroethene	156-60-5	9.6	0.80	5.0	1
10903	1,2-Dichloropropane	78-87-5	N.D.	1.0	5.0	1
10903	cis-1,3-Dichloropropene	10061-01-5	N.D.	1.0	5.0	1
10903	trans-1,3-Dichloropropene	10061-02-6	N.D.	1.0	5.0	1
10903	Methylene Chloride	75-09-2	N.D.	2.0	5.0	1
10903	1,1,1,2-Tetrachloroethane	630-20-6	N.D.	1.0	5.0	1
10903	1,1,2,2-Tetrachloroethane	79-34-5	N.D.	1.0	5.0	1
10903	Tetrachloroethene	127-18-4	0.91 J	0.80	5.0	1
10903	1,1,1-Trichloroethane	71-55-6	5.2	0.80	5.0	1
10903	1,1,2-Trichloroethane	79-00-5	N.D.	0.80	5.0	1
10903	Trichloroethene	79-01-6	870	10	50	10
10903	Trichlorofluoromethane	75-69-4	N.D.	2.0	5.0	1
10903	1,2,3-Trichloropropane	96-18-4	N.D.	1.0	5.0	1
10903	Vinyl Chloride	75-01-4	24	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

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Analysis Report

Sample Description: B-13 Water
BP Sanborn COC: 187710
2040 Cory Drive - Sanborn, NY B-13

LLI Sample # WW 6532442
LLI Group # 1286721
Account # 12495

Project Name: BP Sanborn

Collected: 01/25/2012 11:05 by DD

Submitted: 01/26/2012 09:00
Reported: 01/31/2012 16:03

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

B13--

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
10903	VOCs 8260 Parsons Specs List	SW-846 8260B	1	N120271AA	01/27/2012 13:23	Linda C Pape	1
10903	VOCs 8260 Parsons Specs List	SW-846 8260B	1	N120271AA	01/27/2012 13:46	Linda C Pape	10
01163	GC/MS VOA Water Prep	SW-846 5030B	1	N120271AA	01/27/2012 13:23	Linda C Pape	1
01163	GC/MS VOA Water Prep	SW-846 5030B	2	N120271AA	01/27/2012 13:46	Linda C Pape	10

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Analysis Report

Sample Description: B-39 Water
BP Sanborn COC: 187710
2040 Cory Drive - Sanborn, NY B-39

LLI Sample # WW 6532443
LLI Group # 1286721
Account # 12495

Project Name: BP Sanborn

Collected: 01/25/2012 12:35 by DD

Submitted: 01/26/2012 09:00
Reported: 01/31/2012 16:03

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

B-39-

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	
10903	Benzyl Chloride	100-44-7	N.D.		1.0	5.0	1
10903	Bromobenzene	108-86-1	N.D.		1.0	5.0	1
10903	Bromodichloromethane	75-27-4	N.D.		1.0	5.0	1
10903	Bromoform	75-25-2	N.D.		1.0	5.0	1
10903	Bromomethane	74-83-9	N.D.		1.0	5.0	1
10903	Carbon Tetrachloride	56-23-5	N.D.		1.0	5.0	1
10903	Chlorobenzene	108-90-7	N.D.		0.80	5.0	1
10903	Chloroethane	75-00-3	N.D.		1.0	5.0	1
10903	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.						
10903	Chloroform	67-66-3	N.D.		0.80	5.0	1
10903	Chloromethane	74-87-3	N.D.		1.0	5.0	1
10903	Dibromochloromethane	124-48-1	N.D.		1.0	5.0	1
10903	Dibromomethane	74-95-3	N.D.		1.0	5.0	1
10903	1,2-Dichlorobenzene	95-50-1	N.D.		1.0	5.0	1
10903	1,3-Dichlorobenzene	541-73-1	N.D.		1.0	5.0	1
10903	1,4-Dichlorobenzene	106-46-7	N.D.		1.0	5.0	1
10903	Dichlorodifluoromethane	75-71-8	N.D.		2.0	5.0	1
10903	1,1-Dichloroethane	75-34-3	N.D.		1.0	5.0	1
10903	1,2-Dichloroethane	107-06-2	N.D.		1.0	5.0	1
10903	1,1-Dichloroethene	75-35-4	N.D.		0.80	5.0	1
10903	cis-1,2-Dichloroethene	156-59-2	1.1	J	0.80	5.0	1
10903	trans-1,2-Dichloroethene	156-60-5	N.D.		0.80	5.0	1
10903	1,2-Dichloropropane	78-87-5	N.D.		1.0	5.0	1
10903	cis-1,3-Dichloropropene	10061-01-5	N.D.		1.0	5.0	1
10903	trans-1,3-Dichloropropene	10061-02-6	N.D.		1.0	5.0	1
10903	Methylene Chloride	75-09-2	N.D.		2.0	5.0	1
10903	1,1,1,2-Tetrachloroethane	630-20-6	N.D.		1.0	5.0	1
10903	1,1,2,2-Tetrachloroethane	79-34-5	N.D.		1.0	5.0	1
10903	Tetrachloroethene	127-18-4	N.D.		0.80	5.0	1
10903	1,1,1-Trichloroethane	71-55-6	N.D.		0.80	5.0	1
10903	1,1,2-Trichloroethane	79-00-5	N.D.		0.80	5.0	1
10903	Trichloroethene	79-01-6	4.8	J	1.0	5.0	1
10903	Trichlorofluoromethane	75-69-4	N.D.		2.0	5.0	1
10903	1,2,3-Trichloropropane	96-18-4	N.D.		1.0	5.0	1
10903	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

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Analysis Report

Sample Description: B-39 Water
BP Sanborn COC: 187710
2040 Cory Drive - Sanborn, NY B-39

LLI Sample # WW 6532443
LLI Group # 1286721
Account # 12495

Project Name: BP Sanborn

Collected: 01/25/2012 12:35 by DD

Submitted: 01/26/2012 09:00
Reported: 01/31/2012 16:03

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

B-39-

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
10903	VOCs 8260 Parsons Specs List	SW-846 8260B	1	N120271AA	01/27/2012 12:37	Linda C Pape	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	N120271AA	01/27/2012 12:37	Linda C Pape	1

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

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Analysis Report

Sample Description: B-28 Water
BP Sanborn COC: 187710
2040 Cory Drive - Sanborn, NY B-28

LLI Sample # WW 6532444
LLI Group # 1286721
Account # 12495

Project Name: BP Sanborn

Collected: 01/25/2012 14:52 by DD

Submitted: 01/26/2012 09:00
Reported: 01/31/2012 16:03

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

B-28-

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	
10903	Benzyl Chloride	100-44-7	N.D.	1.0	5.0	1
10903	Bromobenzene	108-86-1	N.D.	1.0	5.0	1
10903	Bromodichloromethane	75-27-4	N.D.	1.0	5.0	1
10903	Bromoform	75-25-2	N.D.	1.0	5.0	1
10903	Bromomethane	74-83-9	N.D.	1.0	5.0	1
10903	Carbon Tetrachloride	56-23-5	N.D.	1.0	5.0	1
10903	Chlorobenzene	108-90-7	N.D.	0.80	5.0	1
10903	Chloroethane	75-00-3	N.D.	1.0	5.0	1
10903	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.					
10903	Chloroform	67-66-3	N.D.	0.80	5.0	1
10903	Chloromethane	74-87-3	N.D.	1.0	5.0	1
10903	Dibromochloromethane	124-48-1	N.D.	1.0	5.0	1
10903	Dibromomethane	74-95-3	N.D.	1.0	5.0	1
10903	1,2-Dichlorobenzene	95-50-1	N.D.	1.0	5.0	1
10903	1,3-Dichlorobenzene	541-73-1	N.D.	1.0	5.0	1
10903	1,4-Dichlorobenzene	106-46-7	N.D.	1.0	5.0	1
10903	Dichlorodifluoromethane	75-71-8	N.D.	2.0	5.0	1
10903	1,1-Dichloroethane	75-34-3	N.D.	1.0	5.0	1
10903	1,2-Dichloroethane	107-06-2	N.D.	1.0	5.0	1
10903	1,1-Dichloroethene	75-35-4	N.D.	0.80	5.0	1
10903	cis-1,2-Dichloroethene	156-59-2	N.D.	0.80	5.0	1
10903	trans-1,2-Dichloroethene	156-60-5	N.D.	0.80	5.0	1
10903	1,2-Dichloropropane	78-87-5	N.D.	1.0	5.0	1
10903	cis-1,3-Dichloropropene	10061-01-5	N.D.	1.0	5.0	1
10903	trans-1,3-Dichloropropene	10061-02-6	N.D.	1.0	5.0	1
10903	Methylene Chloride	75-09-2	N.D.	2.0	5.0	1
10903	1,1,1,2-Tetrachloroethane	630-20-6	N.D.	1.0	5.0	1
10903	1,1,2,2-Tetrachloroethane	79-34-5	N.D.	1.0	5.0	1
10903	Tetrachloroethene	127-18-4	N.D.	0.80	5.0	1
10903	1,1,1-Trichloroethane	71-55-6	N.D.	0.80	5.0	1
10903	1,1,2-Trichloroethane	79-00-5	N.D.	0.80	5.0	1
10903	Trichloroethene	79-01-6	N.D.	1.0	5.0	1
10903	Trichlorofluoromethane	75-69-4	N.D.	2.0	5.0	1
10903	1,2,3-Trichloropropane	96-18-4	N.D.	1.0	5.0	1
10903	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

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Analysis Report

Sample Description: B-28 Water
BP Sanborn COC: 187710
2040 Cory Drive - Sanborn, NY B-28

LLI Sample # WW 6532444
LLI Group # 1286721
Account # 12495

Project Name: BP Sanborn

Collected: 01/25/2012 14:52 by DD

Submitted: 01/26/2012 09:00
Reported: 01/31/2012 16:03

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

B-28-

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
10903	VOCs 8260 Parsons Specs List	SW-846 8260B	1	N120271AA	01/27/2012 13:00	Linda C Pape	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	N120271AA	01/27/2012 13:00	Linda C Pape	1

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

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Analysis Report

Sample Description: Trip Blank Water
BP Sanborn COC: 187710
2040 Cory Drive - Sanborn, NY

LLI Sample # WW 6532445
LLI Group # 1286721
Account # 12495

Project Name: BP Sanborn

Collected: 01/06/2012

Submitted: 01/26/2012 09:00
Reported: 01/31/2012 16:03

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

SANTB

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	
10903	Benzyl Chloride	100-44-7	N.D.	1.0	5.0	1
10903	Bromobenzene	108-86-1	N.D.	1.0	5.0	1
10903	Bromodichloromethane	75-27-4	N.D.	1.0	5.0	1
10903	Bromoform	75-25-2	N.D.	1.0	5.0	1
10903	Bromomethane	74-83-9	N.D.	1.0	5.0	1
10903	Carbon Tetrachloride	56-23-5	N.D.	1.0	5.0	1
10903	Chlorobenzene	108-90-7	N.D.	0.80	5.0	1
10903	Chloroethane	75-00-3	N.D.	1.0	5.0	1
10903	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.					
10903	Chloroform	67-66-3	N.D.	0.80	5.0	1
10903	Chloromethane	74-87-3	N.D.	1.0	5.0	1
10903	Dibromochloromethane	124-48-1	N.D.	1.0	5.0	1
10903	Dibromomethane	74-95-3	N.D.	1.0	5.0	1
10903	1,2-Dichlorobenzene	95-50-1	N.D.	1.0	5.0	1
10903	1,3-Dichlorobenzene	541-73-1	N.D.	1.0	5.0	1
10903	1,4-Dichlorobenzene	106-46-7	N.D.	1.0	5.0	1
10903	Dichlorodifluoromethane	75-71-8	N.D.	2.0	5.0	1
10903	1,1-Dichloroethane	75-34-3	N.D.	1.0	5.0	1
10903	1,2-Dichloroethane	107-06-2	N.D.	1.0	5.0	1
10903	1,1-Dichloroethene	75-35-4	N.D.	0.80	5.0	1
10903	cis-1,2-Dichloroethene	156-59-2	N.D.	0.80	5.0	1
10903	trans-1,2-Dichloroethene	156-60-5	N.D.	0.80	5.0	1
10903	1,2-Dichloropropane	78-87-5	N.D.	1.0	5.0	1
10903	cis-1,3-Dichloropropene	10061-01-5	N.D.	1.0	5.0	1
10903	trans-1,3-Dichloropropene	10061-02-6	N.D.	1.0	5.0	1
10903	Methylene Chloride	75-09-2	N.D.	2.0	5.0	1
10903	1,1,1,2-Tetrachloroethane	630-20-6	N.D.	1.0	5.0	1
10903	1,1,2,2-Tetrachloroethane	79-34-5	N.D.	1.0	5.0	1
10903	Tetrachloroethene	127-18-4	N.D.	0.80	5.0	1
10903	1,1,1-Trichloroethane	71-55-6	N.D.	0.80	5.0	1
10903	1,1,2-Trichloroethane	79-00-5	N.D.	0.80	5.0	1
10903	Trichloroethene	79-01-6	N.D.	1.0	5.0	1
10903	Trichlorofluoromethane	75-69-4	N.D.	2.0	5.0	1
10903	1,2,3-Trichloropropane	96-18-4	N.D.	1.0	5.0	1
10903	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

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Analysis Report

Sample Description: **Trip Blank Water**
BP Sanborn COC: 187710
2040 Cory Drive - Sanborn, NY

LLI Sample # WW 6532445
LLI Group # 1286721
Account # 12495

Project Name: BP Sanborn

Collected: 01/06/2012

Submitted: 01/26/2012 09:00
Reported: 01/31/2012 16:03

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

SANTB

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
10903	VOCs 8260 Parsons Specs List	SW-846 8260B	1	N120271AA	01/27/2012 09:33	Linda C Pape	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	N120271AA	01/27/2012 09:33	Linda C Pape	1

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

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Analysis Report

Quality Control Summary

Client Name: Atlantic Richfield(Parsons-NY) Group Number: 1286721
Reported: 01/31/12 at 04:03 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: N120271AA	Sample number(s): 6532442-6532445								
Benzyl Chloride	N.D.	1.0	5.0	ug/l	85		69-120		
Bromobenzene	N.D.	1.0	5.0	ug/l	100		80-120		
Bromodichloromethane	N.D.	1.0	5.0	ug/l	94		80-120		
Bromoform	N.D.	1.0	5.0	ug/l	87		61-120		
Bromomethane	N.D.	1.0	5.0	ug/l	81		44-120		
Carbon Tetrachloride	N.D.	1.0	5.0	ug/l	95		75-123		
Chlorobenzene	N.D.	0.80	5.0	ug/l	102		80-120		
Chloroethane	N.D.	1.0	5.0	ug/l	80		49-129		
2-Chloroethyl Vinyl Ether	N.D.	2.0	10	ug/l	88		56-129		
Chloroform	N.D.	0.80	5.0	ug/l	99		77-122		
Chloromethane	N.D.	1.0	5.0	ug/l	81		60-129		
Dibromochloromethane	N.D.	1.0	5.0	ug/l	98		80-120		
Dibromomethane	N.D.	1.0	5.0	ug/l	99		80-120		
1,2-Dichlorobenzene	N.D.	1.0	5.0	ug/l	99		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	98		80-120		
Dichlorodifluoromethane	N.D.	2.0	5.0	ug/l	83		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	104		70-130		
1,1-Dichloroethene	N.D.	0.80	5.0	ug/l	98		74-123		
cis-1,2-Dichloroethene	N.D.	0.80	5.0	ug/l	98		80-120		
trans-1,2-Dichloroethene	N.D.	0.80	5.0	ug/l	99		80-120		
1,2-Dichloropropane	N.D.	1.0	5.0	ug/l	100		78-120		
cis-1,3-Dichloropropene	N.D.	1.0	5.0	ug/l	98		80-120		
trans-1,3-Dichloropropene	N.D.	1.0	5.0	ug/l	97		79-120		
Methylene Chloride	N.D.	2.0	5.0	ug/l	98		80-120		
1,1,1,2-Tetrachloroethane	N.D.	1.0	5.0	ug/l	100		80-120		
1,1,2,2-Tetrachloroethane	N.D.	1.0	5.0	ug/l	93		71-120		
Tetrachloroethene	N.D.	0.80	5.0	ug/l	102		80-121		
1,1,1-Trichloroethane	N.D.	0.80	5.0	ug/l	96		75-127		
1,1,2-Trichloroethane	N.D.	0.80	5.0	ug/l	100		80-120		
Trichloroethene	N.D.	1.0	5.0	ug/l	97		80-120		
Trichlorofluoromethane	N.D.	2.0	5.0	ug/l	100		64-129		
1,2,3-Trichloropropane	N.D.	1.0	5.0	ug/l	95		80-120		
Vinyl Chloride	N.D.	1.0	5.0	ug/l	93		65-125		

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

	MS	MSD	MS/MSD	RPD	BKG	DUP	DUP	Dup RPD

*- 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: 1286721
Reported: 01/31/12 at 04:03 PM

Analysis Name	%REC	%REC	Limits	RPD	MAX	Conc	Conc	RPD	Max
Batch number: N120271AA	Sample number(s): 6532442-6532445 UNSPK: P531040								
Benzyl Chloride	80	81	62-120	1	30				
Bromobenzene	95	96	82-115	1	30				
Bromodichloromethane	96	93	78-125	3	30				
Bromoform	82	81	60-121	0	30				
Bromomethane	83	84	38-149	1	30				
Carbon Tetrachloride	100	99	81-138	2	30				
Chlorobenzene	102	102	87-124	0	30				
Chloroethane	83	84	51-145	2	30				
2-Chloroethyl Vinyl Ether	21	21	10-151	3	30				
Chloroform	101	99	81-134	2	30				
Chloromethane	84	87	67-154	3	30				
Dibromochloromethane	91	92	74-116	1	30				
Dibromomethane	98	96	83-119	2	30				
1,2-Dichlorobenzene	93	92	84-119	1	30				
1,3-Dichlorobenzene	98	96	86-121	2	30				
1,4-Dichlorobenzene	90	89	85-121	0	30				
Dichlorodifluoromethane	88	92	52-129	5	30				
1,1-Dichloroethane	105	102	84-129	3	30				
1,2-Dichloroethane	104	99	66-141	2	30				
1,1-Dichloroethene	103	103	85-142	0	30				
cis-1,2-Dichloroethene	101	97	85-125	3	30				
trans-1,2-Dichloroethene	102	100	87-126	2	30				
1,2-Dichloropropane	104	101	83-124	3	30				
cis-1,3-Dichloropropene	98	97	75-125	0	30				
trans-1,3-Dichloropropene	93	93	74-119	0	30				
Methylene Chloride	103	102	79-120	1	30				
1,1,1,2-Tetrachloroethane	97	97	82-119	1	30				
1,1,2,2-Tetrachloroethane	95	98	72-128	2	30				
Tetrachloroethene	100	101	80-128	1	30				
1,1,1-Trichloroethane	100	98	80-143	2	30				
1,1,2-Trichloroethane	102	99	77-124	4	30				
Trichloroethene	103	100	88-133	3	30				
Trichlorofluoromethane	106	109	73-152	3	30				
1,2,3-Trichloropropane	89	89	76-118	0	30				
Vinyl Chloride	96	101	66-133	5	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: N120271AA

	Dibromofluoromethane	1,2-Dichloroethane-d4	Toluene-d8	4-Bromofluorobenzene
6532442	104	102	97	95
6532443	103	104	98	92
6532444	103	103	97	95
6532445	104	104	96	95
Blank	102	101	98	93
LCS	103	101	105	100
MS	102	101	100	104
MSD	101	100	101	102

*- 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.

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Quality Control Summary

Client Name: Atlantic Richfield(Parsons-NY) Group Number: 1286721
Reported: 01/31/12 at 04:03 PM

Surrogate Quality Control

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.

Case Narrative

Project Name: BP Sanborn
LLI Group #: 1286721

General Comments:

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

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

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

Project specific QC samples are not included in this data set

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

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

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

Analysis Specific Comments:

No additional comments are necessary.

12495/128672/ 6532442-45

Atlantic Richfield Company
A BP affiliated company

Laboratory Management Program LaMP Chain of Custody Record

187710

Page 1 of 1

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: 2040 Cory Drive	Consultant/Contractor: Parsons
Lab Address: 2425 New Holland Pike, Lancaster, PA 17601	City, State, ZIP Code: Sanborn, NY 14132	Consultant/Contractor Project No:
Lab PM: Kaitlin Plasterer	Lead Regulatory Agency: NYSDEC	Address: 40 La Riviere Dr., Suite 350, Buffalo, NY
Lab Phone: (717) 656-2300	California Global ID No.:	Consultant/Contractor PM: George Hermance
Lab Shipping Accnt:	Enfos Proposal No: D00B4-0001	Phone: (716)-407-4990
Lab Bottle Order No:	Accounting Mode: 10 Provision ___ OOC-BU ___ OOC-RM ___	Email EDD To: Lorraine Weber
Other Info:	Stage: 60 Activity: 81	Invoice To: BP/ARC ✓ Contractor ___

BP/ARC EBM: Bill Barber
EBM Phone: (216)-271-8038
EBM 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:	No. Containers / Preservative: Total Number of Containers	Unpreserved	H_2SO_4	HNO_3	HCl	Methanol		Requested Analyses: 8260									
	B-13	01/25/2012	1105		X			3							X									
	B-39	01/25/2012	1235		X			3							X									
	B-28	01/25/2012	1452		X			3							X									
	TB-11349	01/06/2012			X			1							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: Devanshu Desai	Relinquished By / Affiliation	Date	Time	Accepted By / Affiliation	Date	Time
Sampler's Company: Parsons Corporation	Devanshu Desai/Parsons	01/25/12	1605			
Shipment Method: FedEx Ship Date: 01/25/2012						
Shipment Tracking No:				Suzette Johnson	1/26	0900

Special Instructions:

THIS LINE - LAB USE ONLY: Custody Seals In Place: Yes / No | Temp Blank: Yes / No | Cooler Temp on Receipt: 1.2 °F/C | Trip Blank: Yes / No | MS/MSD Sample Submitted: Yes / No

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Environmental Sample Administration Receipt Documentation Log

Client/Project: BP Sunborn

Date of Receipt: 11/26/12

Time of Receipt: 0900

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	1.2	TB	WI	Y	B	
2							
3							
4							
5							
6							

Number of Trip Blanks received NOT listed on chain of custody: 0

Paperwork Discrepancy/Unpacking Problems:

Unpacker Signature/Emp#: Suzette Lehman 1677 **Date/Time:** 11/26/12 10:35

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 2012

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-ethylene (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

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-ethylene (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

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-ethylene (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

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- 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-ethylene (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-ethylene (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

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FORMER CARBORUNDUM FACILITY

WHEATFIELD, NEW YORK

Well Id: B- 7M

Date	Lab Sample Id	Method	Carbon tetrachloride (ug/L)	Chloroform (ug/L)	1,1-Dichloro-ethane (ug/L)	1,1-Dichloro ethene (ug/L)	Methylene chloride (ug/L)	Trans-1,2-dichloro-ethene (ug/L)	Cis-1,2-dichloro-ethylene (ug/L)	1,1,1-Trichloro-ethane (ug/L)	Trichloro-ethylene (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

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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-ethylene (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	8021	ND	ND	ND	ND	ND	ND	7800 E	ND	58000	ND	ND	65800
07/19/2004	A4682701	8260	ND	ND	ND	ND	3000	ND	3900	ND	71000	ND	ND	77900
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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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-ethylene (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

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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

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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-ethylene (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

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-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-ethylene (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

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-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-ethylene (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

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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-ethylene (TCE) (ug/L)	Tetrachloro-ethylene (PCE) (ug/L)	Vinyl chloride (ug/L)	Total (ug/L)
04/19/2001	A1361310	624	ND	ND	ND	ND	ND	2.6	67	ND	12	ND	ND	81.6
07/12/2001	A1663807	8021	ND	7.6	ND	ND	5.5	14	720	ND	120	ND	ND	867.1
07/16/2002	A2722911	8021	ND	ND	ND	ND	14	18	1000	ND	140	ND	ND	1172
04/22/2003	A3376301	8021	ND	ND	ND	ND	22	14	1400	ND	1400	ND	82	2918
07/18/2003	A3689003	8021	ND	ND	10	ND	ND	12	1300	ND	470	ND	48	1840
10/22/2003	A3A21905	8021	ND	ND	12	ND	ND	10	1600	ND	310	ND	71	2003
04/27/2004	A4387501	8021	ND	ND	ND	ND	ND	16	1100	ND	89	ND	34	1239
07/13/2004	A4663801	8021	ND	42	16	19	30	27	950	ND	200	ND	40	1324
10/13/2004	A4A09403	8021	ND	ND	18	5.8	1.5 B	14	760 D	2.4	250 D	ND	21	1072.7
04/19/2005	A5387404	8260	ND	ND	21	6.9	ND	10	1100 E	2.6	450 E	ND	22	1612.5
04/19/2005	A5387404DL	8260	ND	ND	ND	ND	ND	ND	1100 D	ND	440 D	ND	ND	1540
07/21/2005	A5768401	8260/5ML	ND	ND	8.5	8.4	ND	24	1100 E	ND	300	ND	9	1449.9
07/21/2005	A5768401DL	8260/5ML	ND	ND	ND	ND	ND	12 D	640 D	ND	110 D	ND	38 D	800
10/20/2005	A5B92004	8260	ND	ND	6.7	ND	6.5 B	20	1000 E	ND	210	ND	13	1256.2
10/20/2005	A5B92004DL	8260	ND	ND	ND	ND	ND	12 D	640 D	ND	140 BD	ND	22 D	814
01/24/2006	A6089113	8260	ND	ND	2.8	ND	4.2	2.3	230	ND	81	ND	4.7	325
04/18/2006	6D19002-03	8260	ND	ND	3	1	ND	5	321 D	ND	137	ND	5	472
07/14/2006	6G14010-05	8260	ND	ND	7	5	9	20	838 D	ND	202	ND	59	1140
10/11/2006	6J12003-01	8260	ND	ND	3	2	ND	8	368 D	ND	73	ND	19	473
01/10/2007	7A11003-05	8260	ND	ND	2	ND	ND	2	225 D	ND	84	ND	7	320
04/12/2007	7D13007-01	8260	ND	ND	1	ND	ND	3	152	ND	63	ND	8	227
07/12/2007	7G13019-08	8260	ND	ND	3	2	ND	10	437 D	ND	127	ND	25	604
10/09/2007	7J10006-02	8260	ND	ND	ND	ND	ND	9	413	ND	122	ND	27	571
01/08/2008	8A09005-01	8260	ND	ND	ND	ND	ND	ND	241	ND	59	ND	ND	300
04/10/2008	8D11008-03	8260	ND	ND	7	ND	12	6	536	ND	456	ND	18	1035
07/24/2008	5424627	8260	ND	ND	4.4 J	4.2 J	ND	14	660	ND	210	ND	33	925.6
10/15/2008	5499970	8260	ND	ND	3.7 J	2.6 J	ND	12	470	ND	180	ND	6.1	674.4
01/14/2009	5577590	8260	ND	ND	4.9 J	2.1 J	ND	3.6 J	260	3.4 J	270	ND	3.4 J	547.4
04/14/2009	5646770	8260	ND	ND	5.2	3.1 J	ND	7	460	3.2 J	460	ND	17	955.5
07/09/2009	5720678	8260	ND	ND	4.7 J	3.7 J	ND	14	640	0.92 J	230	ND	39	932.32
10/05/2009	5797965	8260	ND	ND	4.5 J	3 J	ND	9.7	520	ND	180	ND	33	750.2
01/25/2010	5892345	8260	ND	ND	ND	ND	ND	ND	59	ND	71	ND	1.6 J	131.6
04/13/2010	5953086	8260	ND	ND	4.2 J	2.6 J	ND	5.8	360	2.3 J	340	ND	19	733.9
07/14/2010	6032692	8260	ND	ND	3.3 J	2 J	ND	8	430	ND	140	ND	24	607.3
10/14/2010	6113372	8260	ND	ND	6	4.7 J	ND	18	740	1.2 J	240	ND	13	1022.9
01/25/2011	6191897	8260	ND	ND	3.4 J	0.8 J	ND	2.7 J	200	ND	68	ND	4.5 J	279.4
04/18/2011	6261651	8260	ND	ND	22	4.7 J	ND	4.8 J	500	3 J	490	ND	15	1039.5

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To address the NYSDEC concerns regarding the presentation and plotting of nondetected values, the data for 2001 to 2004 has been reevaluated and interpreted as follows:

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

FORMER CARBORUNDUM FACILITY

WHEATFIELD, NEW YORK

Well Id: B-13M

Date	Lab Sample Id	Method	Carbon tetrachloride (ug/L)	Chloroform (ug/L)	1,1-Dichloro-ethane (ug/L)	1,1-Dichloro ethene (ug/L)	Methylene chloride (ug/L)	Trans-1,2-dichloro-ethene (ug/L)	Cis-1,2-dichloro-ethylene (ug/L)	1,1,1-Trichloro-ethane (ug/L)	Trichloro-ethylene (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

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-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-ethylene (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

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-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-ethylene (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

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-ethylene (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

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.
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FORMER CARBORUNDUM FACILITY

WHEATFIELD, NEW YORK

Well Id: B-17M

Date	Lab Sample Id	Method	Carbon tetrachloride (ug/L)	Chloroform (ug/L)	1,1-Dichloro-ethane (ug/L)	1,1-Dichloro ethene (ug/L)	Methylene chloride (ug/L)	Trans-1,2-dichloro-ethene (ug/L)	Cis-1,2-dichloro-ethylene (ug/L)	1,1,1-Trichloro-ethane (ug/L)	Trichloro-ethylene (TCE) (ug/L)	Tetrachloro-ethylene (PCE) (ug/L)	Vinyl chloride (ug/L)	Total (ug/L)
01/13/2001	A1041308	8021	ND	ND	ND	ND	ND	ND	3100	ND	8000	ND	ND	11100
04/20/2001	A1366401	624	ND	ND	100 E	9.7	ND	30	1500 D	9.4	5300 D	3.6	6.1	6958.8
07/11/2001	A1648713	8021	ND	ND	ND	ND	180	ND	3700	ND	8400	ND	ND	12280
10/16/2001	A1A17410	8021	ND	ND	ND	ND	1000	ND	2600	ND	29000	ND	ND	32600
01/25/2002	A2081503	8021	ND	140	ND	ND	140	ND	4500	ND	2800	ND	91	7671
04/22/2002	A2391101	8021	ND	ND	ND	ND	76	ND	12000	ND	4300	ND	2100	18476
07/17/2002	A2732601	8021	ND	ND	ND	ND	160	ND	8600	ND	5500	ND	1800	16060
10/15/2002	A2A23603	8021	ND	ND	ND	ND	1000	ND	49000	ND	17000	ND	4300	71300
01/24/2003	A3075207	8021	ND	ND	ND	ND	190	ND	12000	ND	7100	ND	2600	21890
04/23/2003	A3376304	8021	ND	ND	ND	ND	ND	ND	12000	ND	4400	ND	1400	17800
07/22/2003	A3699406	8021	ND	ND	ND	ND	ND	ND	13000	ND	3800	ND	1100	17900
10/22/2003	A3A28302	8021	ND	ND	ND	ND	170	ND	20000	ND	2500	ND	2600	25270
01/21/2004	A4053403	8021	ND	ND	ND	ND	ND	ND	7800	ND	5600	ND	620	14020
04/28/2004	A4387504	8021	ND	ND	ND	ND	ND	ND	8100	ND	5300	ND	700	14100
07/09/2004	A4647102	8021	ND	ND	120	220	ND	ND	14000	ND	3500	ND	1600	19440
10/08/2004	A4994203	8021	ND	ND	ND	ND	ND	ND	7700	ND	3300	ND	640	11640
01/18/2005	A5051102	8260	ND	ND	100	52	ND	ND	9600	ND	7800	ND	1300	18852
04/19/2005	A5387401	8260	ND	ND	ND	ND	ND	ND	13000 E	ND	6900	ND	1300	21200
04/19/2005	A5387401DL	8260	ND	ND	ND	ND	ND	ND	12000 D	ND	6700 D	ND	1200 D	19900
07/21/2005	A5768404	8260/5ML	ND	ND	110	ND	ND	130	15000	ND	8600	ND	1500	25340
10/21/2005	A5B92803	8260	ND	ND	69	43	ND	60	3300 E	120 E	2900 E	0.98 J	850 E	7342.98
10/21/2005	A5B92803DL	8260	ND	ND	ND	ND	ND	ND	9500 D	140 D	8900 D	ND	1000 D	19540
01/26/2006	A6102401	8260	ND	ND	67	ND	ND	ND	4300	ND	8400	ND	470	13237
04/19/2006	6D20002-04RE1	8260	ND	ND	48	39	ND	60	9570 D	ND	7730 D	ND	1210	18657
07/18/2006	6G19003-05	8260	ND	ND	72	40	212 B	61	8250 D	34	8170 D	ND	1320	18159
10/09/2006	6J10002-09	8260	ND	ND	66	28	129	36	6730 D	175	12000 D	ND	798	19962
01/09/2007	7A10006-08	8260	ND	ND	ND	ND	227	ND	5190	ND	12800 D	ND	372	18589
04/12/2007	7D13007-03	8260	ND	ND	ND	ND	ND	ND	3100	ND	3100	ND	475	6675
07/16/2007	7G17015-01	8260	ND	ND	ND	ND	ND	ND	8490	ND	2940	ND	1510	12940
10/09/2007	7J10006-08	8260	ND	ND	ND	ND	277	ND	12300	ND	3150	ND	2540	18267
01/07/2008	8A08003-10	8260	ND	ND	129	ND	350	ND	4910	ND	3070	ND	718	9177
04/09/2008	8D10002-02	8260	ND	ND	184	ND	468	ND	5820	70	2530	ND	1020	10092
07/25/2008	5426027	8260	ND	ND	71	44 J	ND	45 J	8000	11 J	3800	ND	1300	13271
10/14/2008	5498684	8260	ND	ND	100	50 J	ND	52	11000	10 J	3900	ND	1500	16612
01/14/2009	5577592	8260	ND	ND	180	39	ND	34	5900	49	2800	5.8 J	910	9917.8
04/15/2009	5647720	8260	ND	ND	210	49 J	ND	35 J	6600	75	3900	9.4 J	750	11628.4
07/07/2009	5718470	8260	ND	ND	120	50	ND	62	14000	20 J	3700	ND	2200	20152

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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-ethylene (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

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FORMER CARBORUNDUM FACILITY

WHEATFIELD, NEW YORK

Well Id: B-18M

Date	Lab Sample Id	Method	Carbon tetrachloride (ug/L)	Chloroform (ug/L)	1,1-Dichloro-ethane (ug/L)	1,1-Dichloro ethene (ug/L)	Methylene chloride (ug/L)	Trans-1,2-dichloro-ethene (ug/L)	Cis-1,2-dichloro-ethylene (ug/L)	1,1,1-Trichloro-ethane (ug/L)	Trichloro-ethylene (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

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FORMER CARBORUNDUM FACILITY

WHEATFIELD, NEW YORK

Well Id: B-19M

Date	Lab Sample Id	Method	Carbon tetrachloride (ug/L)	Chloroform (ug/L)	1,1-Dichloro-ethane (ug/L)	1,1-Dichloro ethene (ug/L)	Methylene chloride (ug/L)	Trans-1,2-dichloro-ethene (ug/L)	Cis-1,2-dichloro-ethylene (ug/L)	1,1,1-Trichloro-ethane (ug/L)	Trichloro-ethylene (TCE) (ug/L)	Tetrachloro-ethylene (PCE) (ug/L)	Vinyl chloride (ug/L)	Total (ug/L)
01/12/2001	A1035110	8021	ND	ND	1.4	ND	ND	ND	6.4	1.5	0.32 J	ND	1.4 J	11.02
04/19/2001	A1361309	624	ND	ND	ND	ND	ND	ND	1.3	ND	ND	ND	ND	1.3
07/12/2001	A1663806	8021	ND	ND	0.32 J	ND	ND	ND	5.5	0.27 J	0.95 J	ND	0.56 J	7.6
10/12/2001	A1A01005	8021	ND	ND	ND	ND	ND	ND	2.4	ND	0.25 J	ND	0.24 J	2.89
01/14/2002	A2039401	8021	ND	ND	0.25 J	ND	ND	ND	3.4	0.25 J	0.98 J	ND	1 J	5.88
04/08/2002	A2332601	8260	ND	ND	0.37 J	ND	ND	ND	3.4	0.22 J	0.37 J	0.24 J	0.35 J	4.95
07/08/2002	A2695501	8021	ND	ND	ND	ND	ND	ND	4.6	ND	ND	ND	ND	4.6
10/02/2002	A2980601	8021	ND	ND	0.32 J	ND	ND	ND	4.2	0.36 J	1.1 J	ND	0.43 J	6.41
01/13/2003	A3038002	8021	ND	ND	ND	ND	ND	ND	2.9	ND	1.4	ND	0.37 J	4.67
04/22/2003	A3376401	8021	ND	ND	0.31 J	ND	ND	ND	4.6	0.33 J	ND	ND	0.92 J	6.16
07/14/2003	A3670601	8021	ND	ND	0.24 J	ND	ND	ND	4.9	0.21 J	0.28 J	ND	0.51 J	6.14
10/15/2003	A3998704	8021	ND	ND	ND	ND	ND	ND	3.4	ND	ND	ND	ND	3.4
01/07/2004	A4012301	8021	ND	ND	ND	ND	ND	ND	2.4	ND	ND	ND	ND	2.4
04/27/2004	A4387401	8021	ND	ND	ND	ND	ND	ND	7.2	ND	ND	ND	ND	7.2
07/13/2004	A4664209	8021	ND	ND	ND	ND	ND	ND	5.4	ND	ND	ND	ND	5.4
10/13/2004	A4A09501	8021	ND	ND	ND	ND	ND	ND	11	0.57 J	ND	ND	1	12.57
01/12/2005	A5036401	8260	ND	ND	ND	ND	ND	ND	3.7	ND	0.41 J	ND	0.98 J	5.09
04/04/2005	A5307808	8260	ND	ND	ND	ND	ND	ND	3.7	ND	0.32 BJ	ND	0.75 J	4.77
07/21/2005	A5768301	8260/5ML	ND	ND	ND	ND	ND	ND	6.3	ND	ND	ND	1 J	7.3
10/20/2005	A5B91902	8260	ND	ND	ND	ND	ND	ND	4	ND	0.51 J	ND	0.92 J	5.43
01/24/2006	A6089112	8260	ND	ND	ND	ND	ND	ND	4.2	ND	0.56 J	ND	1.3 J	6.06
04/18/2006	6D19002-04	8260	ND	ND	ND	ND	2	ND	3	ND	ND	ND	ND	5
07/14/2006	6G14010-06	8260	ND	ND	ND	ND	8	ND	3	ND	ND	ND	ND	11
10/11/2006	6J12003-08	8260	ND	ND	ND	ND	ND	ND	5	ND	1	ND	ND	6
01/08/2007	7A09003-05	8260	ND	ND	ND	ND	ND	ND	3	ND	ND	ND	ND	3
04/12/2007	7D13007-02	8260	ND	ND	ND	ND	8	ND	4	ND	ND	ND	ND	12
07/10/2007	7G11015-05	8260	ND	ND	ND	ND	ND	ND	3	ND	4	ND	ND	7
10/09/2007	7J10006-03	8260	ND	ND	ND	ND	ND	ND	2	ND	16	ND	ND	18
01/07/2008	8A08003-05	8260	ND	ND	ND	ND	2	ND	3	ND	ND	ND	ND	5
04/10/2008	8D11008-02	8260	ND	ND	ND	ND	ND	ND	4	ND	ND	ND	ND	4
07/16/2008	5417449	8260	ND	ND	ND	ND	ND	ND	2.5 J	ND	ND	ND	ND	2.5
10/15/2008	5499969	8260	ND	ND	ND	ND	ND	ND	3.8 J	ND	2.2 J	ND	ND	6
01/14/2009	5577589	8260	ND	ND	ND	ND	ND	ND	2.6 J	ND	ND	ND	ND	2.6
04/14/2009	5646769	8260	ND	ND	ND	ND	ND	ND	3.5 J	ND	ND	ND	1.3 J	4.8
07/09/2009	5720693	8260	ND	ND	ND	ND	ND	ND	2.8 J	ND	ND	ND	ND	2.8
10/05/2009	5797964	8260	ND	ND	ND	ND	ND	ND	2.7 J	ND	ND	ND	ND	2.7
01/25/2010	5892344	8260	ND	ND	ND	ND	ND	ND	2.1 J	ND	ND	ND	ND	2.1

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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-ethylene (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

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FORMER CARBORUNDUM FACILITY

WHEATFIELD, NEW YORK

Well Id: **B-20M**

Date	Lab Sample Id	Method	Carbon tetrachloride (ug/L)	Chloroform (ug/L)	1,1-Dichloro-ethane (ug/L)	1,1-Dichloro ethene (ug/L)	Methylene chloride (ug/L)	Trans-1,2-dichloro-ethene (ug/L)	Cis-1,2-dichloro-ethylene (ug/L)	1,1,1-Trichloro-ethane (ug/L)	Trichloro-ethylene (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

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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-ethylene (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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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-ethylene (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

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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-ethylene (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	8260	ND	ND	ND	ND	4.3	ND	130	ND	23	ND	ND	157.3
07/15/2004	A4674303	8021	ND	ND	2.2	ND	ND	3.9 E	170 E	ND	24	ND	10 E	210.1
10/18/2004	A4A27701	8021	ND	ND	ND	ND	ND	ND	90	ND	13	ND	ND	103
01/20/2005	A5057501	8260	ND	ND	2.8	1.6	ND	16	300 E	0.34 J	110 E	ND	2.2	432.94
01/20/2005	A5057501DL	8260					33 D	9.4 D	340 D		56 D			438.4
04/26/2005	A5414404	8260	ND	ND	ND	ND	ND	7	250	ND	33	ND	ND	290
07/25/2005	A5790401	8260/5ML	ND	ND	ND	ND	ND	1.6	110	ND	14	ND	7.8	133.4
10/21/2005	A5B92801	8260	ND	ND	ND	ND	ND	0.61 J	36	ND	3.9	ND	1.2 J	41.71
01/24/2006	A6089102	8260	ND	ND	2.9	1.4	ND	15	480 E	ND	90	ND	3.1	592.4
01/24/2006	A6089102DL	8260	ND	ND	ND	ND	ND	15 D	460 D	ND	93 D	ND	ND	568
04/19/2006	6D20002-01	8260	ND	ND	ND	ND	ND	1	61	ND	17	ND	14	93
07/17/2006	6G18004-05	8260	ND	ND	ND	ND	ND	ND	29	ND	5	ND	2	36
10/10/2006	6J11002-08	8260	ND	ND	ND	ND	ND	1	66	ND	10	ND	4	81
01/11/2007	7A12004-02	8260	ND	ND	3	ND	ND	14	370 D	ND	89	ND	ND	476
04/19/2007	7D20005-01	8260	ND	ND	ND	ND	ND	5	136	ND	35	ND	5	181
07/18/2007	7G19011-02	8260	ND	ND	ND	ND	ND	ND	26	ND	5	ND	ND	31
10/11/2007	7J12012-03	8260	ND	ND	ND	ND	ND	ND	24	ND	4	ND	ND	28
01/09/2008	8A10002-01	8260	ND	ND	ND	ND	ND	ND	17	ND	3	ND	3	23
04/08/2008	8D09003-07	8260	ND	ND	2	1	6	10	301 D	ND	95	ND	2	417
07/21/2008	5420900	8260	ND	ND	ND	ND	ND	ND	24	ND	4.9 J	ND	1.2 J	30.1
10/15/2008	5499967	8260	ND	ND	ND	ND	ND	ND	29	ND	4.1 J	ND	ND	33.1
01/13/2009	5576505	8260	ND	ND	3.1 J	2 J	ND	14	460	ND	120	ND	1 J	600.1
04/20/2009	5651167	8260	ND	ND	ND	ND	ND	3.8 J	150	ND	39	ND	9.9	202.7
07/13/2009	5722290	8260	ND	ND	ND	ND	ND	ND	27	ND	4.8 J	ND	1.6 J	33.4

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FORMER CARBORUNDUM FACILITY

WHEATFIELD, NEW YORK

Well Id: **B-22M**

Date	Lab Sample Id	Method	Carbon tetrachloride (ug/L)	Chloroform (ug/L)	1,1-Dichloro-ethane (ug/L)	1,1-Dichloro ethene (ug/L)	Methylene chloride (ug/L)	Trans-1,2-dichloro-ethene (ug/L)	Cis-1,2-dichloro-ethylene (ug/L)	1,1,1-Trichloro-ethane (ug/L)	Trichloro-ethylene (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

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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-ethylene (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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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-ethylene (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

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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-ethylene (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

ND - Not detected, indicates parameter was analyzed for, but not detected at or above the reporting limit.

To address the NYSDEC concerns regarding the presentation and plotting of nondetected values, the data for 2001 to 2004 has been reevaluated and interpreted as follows:

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

FORMER CARBORUNDUM FACILITY

WHEATFIELD, NEW YORK

Well Id: **B-24M**

Date	Lab Sample Id	Method	Carbon tetrachloride (ug/L)	Chloroform (ug/L)	1,1-Dichloro-ethane (ug/L)	1,1-Dichloro ethene (ug/L)	Methylene chloride (ug/L)	Trans-1,2-dichloro-ethene (ug/L)	Cis-1,2-dichloro-ethylene (ug/L)	1,1,1-Trichloro-ethane (ug/L)	Trichloro-ethylene (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

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-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-ethylene (TCE) (ug/L)	Tetrachloro-ethylene (PCE) (ug/L)	Vinyl chloride (ug/L)	Total (ug/L)
07/16/2001	A1674109	8021	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
07/10/2002	A2708301	8021	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
07/02/2003	A3639714	8021	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
07/14/2004	A4664208	8021	ND	ND	ND	ND	ND	ND	1.4	ND	1.3	ND	ND	2.7
07/12/2005	A5733105	8260/5ML	ND	ND	ND	ND	ND	ND	0.68 J	ND	1.3	ND	ND	1.98

ND - Not detected, indicates parameter was analyzed for, but not detected at or above the reporting limit.

To address the NYSDEC concerns regarding the presentation and plotting of nondetected values, the data for 2001 to 2004 has been reevaluated and interpreted as follows:

1) Nondetected concentrations have been represented as ND for reporting purposes.
2) Total VOCs have been recalculated and represented as the sum of the detected parameters shown on this table.
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FORMER CARBORUNDUM FACILITY

WHEATFIELD, NEW YORK

Well Id: B-26M

Date	Lab Sample Id	Method	Carbon tetrachloride (ug/L)	Chloroform (ug/L)	1,1-Dichloro-ethane (ug/L)	1,1-Dichloro ethene (ug/L)	Methylene chloride (ug/L)	Trans-1,2-dichloro-ethene (ug/L)	Cis-1,2-dichloro-ethylene (ug/L)	1,1,1-Trichloro-ethane (ug/L)	Trichloro-ethylene (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

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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.
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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-ethylene (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

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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-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-ethylene (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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1) Nondetected concentrations have been represented as ND for reporting purposes.
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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-ethylene (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

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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-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-ethylene (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

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-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-ethylene (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

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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-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-ethylene (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

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-ethylene (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

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

FORMER CARBORUNDUM FACILITY

WHEATFIELD, NEW YORK

Well Id: **B-37M**

Date	Lab Sample Id	Method	Carbon tetrachloride (ug/L)	Chloroform (ug/L)	1,1-Dichloro-ethane (ug/L)	1,1-Dichloro ethene (ug/L)	Methylene chloride (ug/L)	Trans-1,2-dichloro-ethene (ug/L)	Cis-1,2-dichloro-ethylene (ug/L)	1,1,1-Trichloro-ethane (ug/L)	Trichloro-ethylene (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-ethylene (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:

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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-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-ethylene (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

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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-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-ethylene (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-ethylene (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

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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-ethylene (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

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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-ethylene (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

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FORMER CARBORUNDUM FACILITY — WHEATFIELD, NEW YORK

Well Id: B-41M

Date	Lab Sample Id	Method	Carbon tetrachloride (ug/L)	Chloroform (ug/L)	1,1-Dichloro-ethane (ug/L)	1,1-Dichloro ethene (ug/L)	Methylene chloride (ug/L)	Trans-1,2-dichloro-ethene (ug/L)	Cis-1,2-dichloro-ethylene (ug/L)	1,1,1-Trichloro-ethane (ug/L)	Trichloro-ethylene (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	8021	ND	ND	ND	ND	ND	1.1 E	2.6 E	ND	ND	ND	ND	3.7
07/16/2004	A4674202	8260	ND	ND	ND	ND	ND	0.9 J	2.3	ND	0.3 J	ND	ND	3.5
10/12/2004	A4A09701	8021	ND	ND	ND	ND	ND	1.3	6.7	ND	ND	ND	ND	8
01/18/2005	A5051003	8260	ND	ND	ND	ND	ND	0.75 J	2	ND	0.38 J	ND	ND	3.13
04/26/2005	A5414302	8260	ND	ND	ND	ND	ND	1.3	3.8	ND	ND	ND	ND	5.1
07/26/2005	A5791603	8260/5ML	ND	ND	ND	ND	ND	1.2	2.9	ND	ND	ND	ND	4.1
10/21/2005	A5B92603	8260	ND	ND	ND	ND	ND	1	4.3	ND	ND	ND	0.99 J	6.29
01/27/2006	A6102502	8260	ND	ND	ND	ND	ND	0.62 J	3.1	ND	ND	ND	ND	3.72
04/21/2006	6D21017-03	8260	ND	ND	ND	ND	ND	ND	4	ND	ND	ND	ND	4
07/18/2006	6G19003-02	8260	ND	ND	ND	ND	4 B	ND	5	ND	ND	ND	ND	9
10/12/2006	6J16007-01RE1	8260	ND	ND	ND	ND	ND	ND	3	ND	ND	ND	ND	3
01/09/2007	7A10006-07	8260	ND	ND	ND	ND	ND	ND	4	ND	1	ND	ND	5
04/17/2007	7D18003-03	8260	ND	ND	ND	ND	ND	ND	5	ND	ND	ND	ND	5
07/16/2007	7G17015-09	8260	ND	ND	ND	ND	ND	ND	4	ND	ND	ND	ND	4
10/15/2007	7J16003-03	8260	ND	ND	ND	ND	ND	ND	3	ND	ND	ND	ND	3
01/09/2008	8A10002-05	8260	ND	ND	ND	ND	ND	ND	3	ND	ND	ND	ND	3
04/16/2008	8D16026-01	8260	ND	ND	ND	ND	4 B	ND	5	ND	ND	ND	ND	9
07/16/2008	5417443	8260	ND	ND	ND	ND	ND	ND	2.5 J	ND	ND	ND	ND	2.5
10/16/2008	5501557	8260	ND	ND	ND	ND	ND	ND	4.6 J	ND	ND	ND	ND	4.6
01/21/2009	5582427	8260	ND	ND	ND	ND	ND	ND	5.9	ND	ND	ND	1.5 J	7.4
04/16/2009	5649169	8260	ND	ND	ND	ND	ND	ND	6.8	ND	ND	ND	1.4 J	8.2
07/07/2009	5718464	8260	ND	ND	ND	ND	ND	ND	4.3 J	ND	ND	ND	ND	4.3
10/07/2009	5800393	8260	ND	ND	ND	ND	ND	ND	3.3 J	ND	ND	ND	ND	3.3

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FORMER CARBORUNDUM FACILITY

WHEATFIELD, NEW YORK

Well Id: **B-41M**

Date	Lab Sample Id	Method	Carbon tetrachloride (ug/L)	Chloroform (ug/L)	1,1-Dichloro-ethane (ug/L)	1,1-Dichloro ethene (ug/L)	Methylene chloride (ug/L)	Trans-1,2-dichloro-ethene (ug/L)	Cis-1,2-dichloro-ethylene (ug/L)	1,1,1-Trichloro-ethane (ug/L)	Trichloro-ethylene (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

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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-ethylene (TCE) (ug/L)	Tetrachloro-ethylene (PCE) (ug/L)	Vinyl chloride (ug/L)	Total (ug/L)
01/12/2001	A1035114	8021	ND	ND	ND	ND	2.1 J	1.2	51	ND	23	ND	ND	77.3
04/20/2001	A1366404	624	ND	ND	ND	ND	ND	ND	39	ND	380 D	ND	ND	419
07/11/2001	A1648704	8021	ND	ND	0.27 J	ND	ND	1.4	45	ND	14	ND	9.4	70.07
10/17/2001	A1A23307	8021	ND	ND	ND	ND	ND	0.4 J	12	ND	3	ND	ND	15.4
11/12/2001	A1B23801	8021	ND	ND	ND	ND	ND	0.56 J	8	ND	4	ND	ND	12.56
01/24/2002	A2076710	8021	ND	ND	ND	ND	ND	0.5 J	8.2	ND	4.8	ND	0.44 J	13.94
04/18/2002	A2378803	8021	ND	ND	ND	ND	ND	0.43 J	4.2	ND	4.1	ND	ND	8.73
07/16/2002	A2722908	8021	ND	ND	ND	ND	ND	0.6 J	8.2	ND	3.9	ND	ND	12.7
10/11/2002	A2A14401	8021	ND	ND	ND	ND	ND	1.5	16	ND	6	ND	ND	23.5
01/23/2003	A3075204	8021	ND	ND	ND	ND	ND	ND	8.9	ND	12	ND	ND	20.9
04/23/2003	A3376302	8021	ND	ND	ND	ND	ND	1.2	12	ND	6.9	ND	0.67 J	20.77
07/22/2003	A3699405	8021	ND	ND	ND	ND	ND	1	15	ND	5.2	ND	ND	21.2
10/22/2003	A3A28303	8021	ND	ND	ND	ND	ND	2	28	ND	8.2	ND	1.4 J	39.6
01/21/2004	A4053402	8021	ND	ND	ND	ND	ND	ND	11	ND	6.9	ND	ND	17.9
04/28/2004	A4387603	8021	ND	ND	ND	ND	ND	1.1	10	ND	4.9	ND	ND	16
07/09/2004	A4647101	8021	ND	ND	ND	ND	ND	1	8.5	ND	4.3	ND	ND	13.8
10/08/2004	A4994202	8021	ND	ND	ND	ND	ND	ND	6.2	ND	3.5	ND	ND	9.7
01/18/2005	A5051101	8260	ND	ND	ND	ND	ND	0.34 J	2.6	ND	2.6	ND	ND	5.54
04/26/2005	A5414403	8260	ND	ND	ND	ND	ND	0.43 J	5.1	ND	3.6	ND	ND	9.13
07/26/2005	A5791701	8260/5ML	ND	ND	ND	ND	ND	1	8.2	ND	3.9	ND	ND	13.1
10/20/2005	A5B92005	8260	ND	ND	ND	ND	ND	1.5	13	ND	5.9	ND	2.2	22.6
01/24/2006	A6089108	8260	ND	ND	ND	ND	ND	ND	4.1	ND	2.9	ND	ND	7
04/19/2006	6D20002-05	8260	ND	ND	ND	ND	ND	ND	6	ND	4	ND	ND	10
07/18/2006	6G19003-08	8260	ND	ND	ND	ND	5 B	ND	7	ND	3	ND	ND	15
10/11/2006	6J12003-03	8260	ND	ND	ND	ND	ND	1	10	ND	4	ND	ND	15
01/10/2007	7A11003-01	8260	ND	ND	ND	ND	ND	ND	3	ND	2	ND	ND	5
04/16/2007	7D17002-01	8260	ND	ND	ND	ND	ND	ND	5	ND	3	ND	ND	8
07/16/2007	7G17015-02	8260	ND	ND	ND	ND	2	ND	3	ND	2	ND	ND	7
10/09/2007	7J10006-09	8260	ND	ND	ND	ND	ND	ND	4	ND	3	ND	ND	7
01/14/2008	8A15002-02	8260	ND	ND	ND	ND	ND	ND	8	ND	4	ND	ND	12
04/14/2008	8D15002-01	8260	ND	ND	ND	ND	2 B	ND	6	ND	3	ND	ND	11
07/23/2008	5423257	8260	ND	ND	ND	ND	ND	0.81 J	6.8	ND	2.4 J	ND	ND	10.01
10/16/2008	5501561	8260	ND	ND	ND	ND	ND	ND	16	ND	31	ND	ND	47
01/21/2009	5582431	8260	ND	ND	ND	ND	ND	ND	6.8	ND	5 J	ND	ND	11.8
04/15/2009	5647725	8260	ND	ND	ND	ND	ND	1.3 J	11	ND	3.7 J	ND	ND	16
07/07/2009	5718476	8260	ND	ND	ND	ND	ND	0.98 J	7.8	ND	2.7 J	ND	ND	11.48
10/07/2009	5800382	8260	ND	ND	ND	ND	ND	ND	6.8	ND	2.6 J	ND	ND	9.4

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FORMER CARBORUNDUM FACILITY

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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-ethylene (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

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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-ethylene (TCE) (ug/L)	Tetrachloro-ethylene (PCE) (ug/L)	Vinyl chloride (ug/L)	Total (ug/L)
01/12/2001	A1035113	8021	ND	ND	1.4	ND	ND	ND	34	ND	4.5	ND	2.7	42.6
04/20/2001	A1366405	624	ND	ND	ND	ND	ND	ND	4.6	ND	2.9	ND	ND	7.5
07/11/2001	A1648701	8021	ND	ND	0.35 J	ND	ND	ND	2.1	ND	0.83 J	ND	0.3 J	3.58
11/12/2001	A1B23802	8021	ND	ND	ND	ND	ND	ND	14	ND	6.4	ND	0.37 J	20.77
01/21/2002	A2066007	8021	ND	ND	ND	ND	ND	0.61 J	13	ND	6.1	ND	ND	19.71
04/11/2002	A2348302	8021	ND	ND	ND	ND	ND	0.61 J	11	ND	6.3	ND	ND	17.91
07/11/2002	A2708317	8021	ND	ND	ND	ND	ND	ND	10	ND	5.4	ND	ND	15.4
10/08/2002	A2999303	8021	ND	ND	ND	ND	ND	0.38 J	6	ND	4.3	ND	0.29 J	10.97
01/16/2003	A3055804	8021	ND	ND	0.29 J	ND	ND	0.4 J	6.3	ND	3.4	ND	1.2 J	11.59
04/29/2003	A3398701	8021	ND	ND	ND	ND	ND	ND	3.8	ND	2.4	ND	0.34 J	6.54
07/17/2003	A3683706	8021	ND	ND	ND	ND	ND	ND	2.1	ND	1.1 J	ND	ND	3.2
10/16/2003	A3A09002	8021	ND	ND	ND	ND	ND	ND	3.7	ND	8.1	ND	ND	11.8
01/20/2004	A4053201	8021	ND	ND	ND	ND	ND	ND	10	ND	8.9	ND	ND	18.9
04/28/2004	A4387602	8021	ND	ND	ND	ND	ND	ND	2	ND	1.4	ND	ND	3.4
07/09/2004	A4647301	8021	ND	ND	ND	ND	ND	ND	4.3	ND	8.2	ND	ND	12.5
10/07/2004	A4994505	8021	ND	ND	ND	ND	ND	ND	7.4	ND	36	ND	ND	43.4
01/18/2005	A5051001	8260	ND	ND	ND	ND	ND	0.82 J	8.9	ND	5.5	ND	1.5 J	16.72
04/21/2005	A5402202	8260	ND	ND	ND	ND	ND	0.83 J	10	ND	40 E	ND	ND	50.83
04/21/2005	A5402202DL	8260	ND	ND	ND	ND	ND	0.69 DJ	8.6 D	ND	34 D	ND	ND	43.29
07/26/2005	A5791702	8260/5ML	ND	ND	ND	ND	ND	1.6	17	ND	79	ND	ND	97.6
10/20/2005	A5B91801	8260	ND	ND	ND	ND	ND	0.64 J	6	ND	6.8	ND	1.3 J	14.74
01/26/2006	A6102402	8260	ND	ND	ND	ND	ND	0.74 J	12	ND	4.6	ND	3.8	21.14
04/20/2006	6D21003-01	8260	ND	ND	ND	ND	ND	ND	12	ND	3	ND	3	18
07/18/2006	6G19003-07	8260	ND	ND	ND	ND	4 B	ND	8	ND	4	ND	ND	16
10/11/2006	6J12003-02	8260	ND	ND	ND	ND	ND	1	12	ND	36	ND	ND	49
01/10/2007	7A11003-02	8260	ND	ND	ND	ND	ND	ND	12	ND	5	ND	4	21
04/16/2007	7D17002-02	8260	ND	ND	ND	ND	ND	ND	9	ND	2	ND	ND	11
07/16/2007	7G17015-03	8260	ND	ND	ND	ND	ND	ND	9	ND	2	ND	3	14
10/10/2007	7J11002-07	8260	ND	ND	ND	ND	ND	ND	8	ND	3	ND	2	13
01/14/2008	8A15002-03	8260	ND	ND	ND	ND	ND	ND	9	ND	2	ND	2	13
04/14/2008	8D15002-02	8260	ND	ND	ND	ND	3 B	ND	5	ND	ND	ND	ND	8
07/23/2008	5423258	8260	ND	ND	ND	ND	ND	ND	8.5	ND	2.3 J	ND	2.6 J	13.4
10/16/2008	5501560	8260	ND	ND	ND	ND	ND	ND	10	ND	2.8 J	ND	3.1 J	15.9
01/15/2009	5578617	8260	ND	ND	ND	ND	ND	ND	9.1	ND	5.3	ND	2.5 J	16.9
04/15/2009	5647721	8260	ND	ND	ND	ND	ND	ND	7.2	ND	ND	ND	2.2 J	9.4
07/07/2009	5718475	8260	ND	ND	ND	ND	ND	ND	8.4	ND	2 J	ND	2.6 J	13
10/07/2009	5800384	8260	ND	ND	ND	ND	ND	ND	7.7	ND	2.7 J	ND	2.1 J	12.5

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FORMER CARBORUNDUM FACILITY

WHEATFIELD, NEW YORK

Well Id: **B-43M**

Date	Lab Sample Id	Method	Carbon tetrachloride (ug/L)	Chloroform (ug/L)	1,1-Dichloro-ethane (ug/L)	1,1-Dichloro ethene (ug/L)	Methylene chloride (ug/L)	Trans-1,2-dichloro-ethene (ug/L)	Cis-1,2-dichloro-ethylene (ug/L)	1,1,1-Trichloro-ethane (ug/L)	Trichloro-ethylene (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

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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-ethylene (TCE) (ug/L)	Tetrachloro-ethylene (PCE) (ug/L)	Vinyl chloride (ug/L)	Total (ug/L)
01/13/2001	A1041307	8021	ND	ND	7.6	1.2	ND	1.1	38	1.9	8	ND	15	72.8
04/25/2001	A1382101	8021	ND	ND	6	ND	ND	0.25 J	33	0.4 J	4.3	ND	7.7	51.65
07/11/2001	A1648703	8021	ND	ND	4.5	ND	ND	ND	23	ND	3	ND	2.4	32.9
11/12/2001	A1B23803	8021	ND	ND	6.1	ND	ND	ND	33	ND	27	ND	4.5	70.6
01/22/2002	A2066013	8021	ND	ND	ND	ND	14	ND	22	ND	ND	ND	ND	36
04/12/2002	A2351802	8021	ND	ND	7.6	ND	ND	ND	33	ND	5.9	ND	5.6	52.1
07/15/2002	A2723103	8021	ND	ND	7.8	ND	ND	ND	28	ND	5.5	ND	4.4	45.7
10/09/2002	A2A07501	8021	ND	ND	9.2	ND	ND	ND	49	0.76 J	10	ND	15	83.96
01/21/2003	A3069001	8021	ND	0.54 J	7.4	ND	ND	ND	25	ND	5.5	ND	4.9	43.34
04/29/2003	A3398702	8021	ND	ND	11	ND	ND	ND	44	0.79 J	10	ND	27	92.79
07/17/2003	A3683704	8021	ND	ND	8.3	ND	ND	ND	36	0.45 J	4.8	ND	13	62.55
10/17/2003	A3A09003	8021	ND	ND	8.4	ND	ND	ND	26	ND	1.6	ND	20	56
01/20/2004	A4053203	8021	ND	ND	9.1	ND	ND	ND	15	ND	1.9	ND	9.7	35.7
04/28/2004	A4387601	8021	ND	ND	8.5	ND	ND	ND	27	ND	3.2	ND	23	61.7
07/09/2004	A4647302	8021	ND	ND	8	ND	ND	ND	15	ND	1.6	ND	19	43.6
10/07/2004	A4994504	8021	ND	ND	6.3	ND	ND	ND	5	ND	2.4	ND	5.6	19.3
01/18/2005	A5051002	8260	ND	ND	8.1	ND	ND	0.34 J	9.1	0.25 J	2.4	ND	4.9	25.09
04/21/2005	A5402201	8260	ND	ND	7.3	ND	ND	0.47 J	21	0.49 J	5.8	ND	15	50.06
07/22/2005	A5778502	8260/5ML	ND	ND	5.9	ND	ND	ND	14	ND	3.6	ND	5.5	29
10/21/2005	A5B92604	8260	ND	ND	8.7	ND	ND	ND	9.1	ND	3.7	ND	6.6	28.1
01/26/2006	A6102403	8260	ND	ND	9.1	ND	ND	0.63 J	16	0.65 J	8.1	ND	16	50.48
04/20/2006	6D21003-02	8260	ND	ND	7	ND	ND	ND	7	ND	2	ND	8	24
07/18/2006	6G19003-06	8260	ND	ND	7	ND	11 B	ND	8	ND	3	ND	5	34
10/11/2006	6J12003-04	8260	ND	ND	8	ND	ND	ND	12	ND	6	ND	9	35
01/10/2007	7A11003-03	8260	ND	ND	6	ND	ND	ND	5	ND	10	ND	6	27
04/17/2007	7D18003-04	8260	ND	ND	5	ND	ND	ND	1	ND	ND	ND	3	9
07/16/2007	7G17015-04	8260	ND	ND	7	ND	ND	ND	8	ND	5	ND	7	27
10/10/2007	7J11002-08	8260	ND	ND	6	ND	ND	ND	7	ND	4	ND	4	21
01/14/2008	8A15002-04	8260	ND	ND	7	ND	ND	ND	9	ND	5	ND	6	27
04/15/2008	8D16011-01	8260	ND	ND	5	ND	4 B	ND	4	ND	2	ND	4	19
07/28/2008	5426819	8260	ND	ND	7.7	ND	ND	ND	8.1	ND	5.2	ND	7.2	28.2
10/16/2008	5501564	8260	ND	ND	9.6	ND	ND	ND	11	ND	6.7	ND	7.5	34.8
01/15/2009	5578616	8260	ND	ND	8.3	ND	ND	ND	8.9	ND	7.4	ND	6.3	30.9
04/15/2009	5647726	8260	ND	ND	7	ND	ND	ND	5.8	ND	4.4 J	ND	5 J	22.2
07/07/2009	5718477	8260	ND	ND	8.6	ND	ND	ND	9.5	ND	5.7	ND	6.9	30.7
10/07/2009	5800386	8260	ND	ND	9	ND	ND	ND	9.3	ND	5.7	ND	9.1	33.1
01/20/2010	5888916	8260	ND	ND	10	ND	ND	ND	11	ND	6.8	ND	7.3	35.1

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FORMER CARBORUNDUM FACILITY

WHEATFIELD, NEW YORK

Well Id: **B-44M**

Date	Lab Sample Id	Method	Carbon tetrachloride (ug/L)	Chloroform (ug/L)	1,1-Dichloro-ethane (ug/L)	1,1-Dichloro ethene (ug/L)	Methylene chloride (ug/L)	Trans-1,2-dichloro-ethene (ug/L)	Cis-1,2-dichloro-ethylene (ug/L)	1,1,1-Trichloro-ethane (ug/L)	Trichloro-ethylene (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

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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.
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-ethylene (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

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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-ethylene (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

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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-ethylene (TCE) (ug/L)	Tetrachloro-ethylene (PCE) (ug/L)	Vinyl chloride (ug/L)	Total (ug/L)
01/15/2001	A1041306	8021	ND	ND	ND	ND	ND	5.8	77	ND	31	ND	18	131.8
04/25/2001	A1382104	8021	ND	ND	ND	ND	ND	ND	10	ND	37	ND	ND	47
07/11/2001	A1648712	8021	ND	0.84 J	ND	ND	1.2 J	2.6	90	ND	9.6	ND	25	129.24
10/17/2001	A1A23302	8021	ND	ND	ND	ND	3.1	ND	13	ND	170	ND	ND	186.1
01/24/2002	A2076709	8021	ND	ND	ND	ND	ND	0.63 J	9.7	ND	15	ND	ND	25.33
04/15/2002	A2370204	8021	ND	ND	ND	ND	ND	0.46 J	7.8	ND	22	ND	ND	30.26
07/16/2002	A2722917	8021	ND	ND	ND	ND	ND	0.53 J	8.2	ND	25	ND	ND	33.73
10/09/2002	A2A07505	8021	ND	ND	ND	ND	ND	ND	8.2	ND	17	ND	ND	25.2
01/23/2003	A3075203	8021	ND	ND	ND	ND	ND	ND	7.9	ND	15	ND	ND	22.9
04/28/2003	A3399701	8021	ND	ND	ND	ND	ND	1	16	ND	20	ND	0.55 J	37.55
07/18/2003	A3689002	8021	ND	ND	ND	ND	ND	0.67 J	12	ND	13	ND	ND	25.67
10/22/2003	A3A28304	8021	ND	ND	ND	ND	ND	ND	10	ND	13	ND	ND	23
01/22/2004	A4057103	8021	ND	ND	ND	ND	ND	ND	3	ND	6.5	ND	ND	9.5
04/27/2004	A4387502	8021	ND	ND	ND	ND	ND	ND	3.2	ND	8.5	ND	ND	11.7
07/13/2004	A4663802	8021	ND	ND	ND	ND	ND	ND	2.6	ND	6.7	ND	ND	9.3
10/13/2004	A4A09401	8021	ND	ND	ND	ND	ND	ND	4.1	ND	6.6	ND	ND	10.7
01/12/2005	A5036102	8260	ND	ND	ND	ND	ND	ND	1.4	ND	5	ND	ND	6.4
04/21/2005	A5402002	8260	ND	ND	ND	ND	ND	ND	1	ND	4.6	ND	ND	5.6
07/21/2005	A5768402	8260/5ML	ND	ND	ND	ND	ND	ND	1.6	ND	5.6	ND	ND	7.2
10/20/2005	A5B92002	8260	ND	ND	ND	ND	ND	ND	2.3	ND	6.1	ND	ND	8.4
01/24/2006	A6089114	8260	ND	ND	ND	ND	ND	ND	0.79 J	ND	2.2	ND	ND	2.99
04/18/2006	6D19002-01	8260	ND	ND	ND	ND	2	ND	ND	ND	3	ND	ND	5
07/21/2006	6G21018-01	8260	ND	ND	ND	ND	ND	ND	2	ND	4	ND	ND	6
10/12/2006	6J16007-03RE1	8260	ND	ND	ND	ND	ND	ND	ND	ND	2	ND	ND	2
01/05/2007	7A05012-01	8260	ND	ND	ND	ND	ND	ND	ND	ND	2	ND	ND	2
04/11/2007	7D12002-01	8260	ND	ND	ND	ND	ND	ND	ND	ND	3	ND	ND	3
07/12/2007	7G13019-06	8260	ND	ND	ND	ND	ND	ND	ND	ND	2	ND	ND	2
10/11/2007	7J12012-07	8260	ND	ND	ND	ND	ND	ND	ND	ND	1	ND	ND	1
01/08/2008	8A09005-02	8260	ND	ND	ND	ND	ND	ND	ND	ND	1	ND	ND	1
04/10/2008	8D11008-04	8260	ND	ND	ND	ND	ND	ND	ND	ND	3	ND	ND	3
07/24/2008	5424628	8260	ND	ND	ND	ND	ND	ND	0.95 J	ND	2.9 J	ND	ND	3.85
10/15/2008	5499971	8260	ND	ND	ND	ND	ND	ND	1.4 J	ND	2.9 J	ND	ND	4.3
01/14/2009	5577591	8260	ND	ND	ND	ND	ND	ND	1.3 J	ND	2.7 J	ND	ND	4
04/14/2009	5646767	8260	ND	ND	ND	ND	ND	ND	1 J	ND	2.9 J	ND	ND	3.9
07/09/2009	5720681	8260	ND	ND	ND	ND	ND	ND	1.1 J	ND	2.4 J	ND	ND	3.5
10/05/2009	5797960	8260	ND	ND	ND	ND	ND	ND	0.91 J	ND	2.3 J	ND	ND	3.21
01/21/2010	5889955	8260	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND

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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-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-ethylene (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

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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-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-ethylene (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.
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FORMER CARBORUNDUM FACILITY

WHEATFIELD, NEW YORK

Well Id: **B-49M**

Date	Lab Sample Id	Method	Carbon tetrachloride (ug/L)	Chloroform (ug/L)	1,1-Dichloro-ethane (ug/L)	1,1-Dichloro ethene (ug/L)	Methylene chloride (ug/L)	Trans-1,2-dichloro-ethene (ug/L)	Cis-1,2-dichloro-ethylene (ug/L)	1,1,1-Trichloro-ethane (ug/L)	Trichloro-ethylene (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

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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-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-ethylene (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

ND - Not detected, indicates parameter was analyzed for, but not detected at or above the reporting limit.

To address the NYSDEC concerns regarding the presentation and plotting of nondetected values, the data for 2001 to 2004 has been reevaluated and interpreted as follows:

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

FORMER CARBORUNDUM FACILITY

WHEATFIELD, NEW YORK

Well Id: B-51M

Date	Lab Sample Id	Method	Carbon tetrachloride (ug/L)	Chloroform (ug/L)	1,1-Dichloro-ethane (ug/L)	1,1-Dichloro ethene (ug/L)	Methylene chloride (ug/L)	Trans-1,2-dichloro-ethene (ug/L)	Cis-1,2-dichloro-ethylene (ug/L)	1,1,1-Trichloro-ethane (ug/L)	Trichloro-ethylene (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-ethylene (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

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-ethylene (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

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-ethylene (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

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-ethylene (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

ND - Not detected, indicates parameter was analyzed for, but not detected at or above the reporting limit.

To address the NYSDEC concerns regarding the presentation and plotting of nondetected values, the data for 2001 to 2004 has been reevaluated and interpreted as follows:

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

FORMER CARBORUNDUM FACILITY — WHEATFIELD, NEW YORK

Well Id: B-56M

Date	Lab Sample Id	Method	Carbon tetrachloride (ug/L)	Chloroform (ug/L)	1,1-Dichloro-ethane (ug/L)	1,1-Dichloro ethene (ug/L)	Methylene chloride (ug/L)	Trans-1,2-dichloro-ethene (ug/L)	Cis-1,2-dichloro-ethylene (ug/L)	1,1,1-Trichloro-ethane (ug/L)	Trichloro-ethylene (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

ND - Not detected, indicates parameter was analyzed for, but not detected at or above the reporting limit.

To address the NYSDEC concerns regarding the presentation and plotting of nondetected values, the data for 2001 to 2004 has been reevaluated and interpreted as follows:

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

FORMER CARBORUNDUM FACILITY

WHEATFIELD, NEW YORK

Well Id: **B-56M**

Date	Lab Sample Id	Method	Carbon tetrachloride (ug/L)	Chloroform (ug/L)	1,1-Dichloro-ethane (ug/L)	1,1-Dichloro ethene (ug/L)	Methylene chloride (ug/L)	Trans-1,2-dichloro-ethene (ug/L)	Cis-1,2-dichloro-ethylene (ug/L)	1,1,1-Trichloro-ethane (ug/L)	Trichloro-ethylene (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

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-ethylene (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-ethylene (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

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-ethylene (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

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-ethylene (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

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-ethylene (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

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-ethylene (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

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-ethylene (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

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-ethylene (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

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-ethylene (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

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-ethylene (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

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-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-ethylene (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

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-ethylene (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

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-ethylene (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-ethylene (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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1) Nondetected concentrations have been represented as ND for reporting purposes.
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FORMER CARBORUNDUM FACILITY

WHEATFIELD, NEW YORK

Well Id: **P-2**

Date	Lab Sample Id	Method	Carbon tetrachloride (ug/L)	Chloroform (ug/L)	1,1-Dichloro-ethane (ug/L)	1,1-Dichloro ethene (ug/L)	Methylene chloride (ug/L)	Trans-1,2-dichloro-ethene (ug/L)	Cis-1,2-dichloro-ethylene (ug/L)	1,1,1-Trichloro-ethane (ug/L)	Trichloro-ethylene (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

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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-ethylene (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-ethylene (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

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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-ethylene (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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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-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-ethylene (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

ND - Not detected, indicates parameter was analyzed for, but not detected at or above the reporting limit.

To address the NYSDEC concerns regarding the presentation and plotting of nondetected values, the data for 2001 to 2004 has been reevaluated and interpreted as follows:

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

FORMER CARBORUNDUM FACILITY

WHEATFIELD, NEW YORK

Well Id: PW-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-ethylene (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-ethylene (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

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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-ethylene (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:

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-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-ethylene (TCE) (ug/L)	Tetrachloro-ethylene (PCE) (ug/L)	Vinyl chloride (ug/L)	Total (ug/L)
10/13/2003	A3991406	8021	ND	ND	ND	5	ND	4.8	840 D	ND	1500 D	2.8	40 D	2392.6
01/07/2004	A4012401	8021	ND	ND	ND	ND	ND	ND	490	ND	1800	ND	ND	2290
04/14/2004	A4331401	8021	ND	ND	ND	ND	ND	ND	460	ND	2400	ND	ND	2860
07/07/2004	A4636804	8021	ND	ND	ND	ND	ND	ND	440	ND	1300	20	36	1796
10/13/2004	A4A09404	8021	ND	ND	ND	3.1	ND	2.5	490 D	ND	1200 D	4.1	3.1	1702.8
01/12/2005	A5036105	8260	ND	ND	ND	ND	ND	ND	700	ND	4000 E	ND	ND	4700
01/12/2005	A5036105DL	8260							460 D		2200 D			2660
04/04/2005	A5307502	8260	ND	ND	ND	2	ND	3.8	570 E	ND	1800 E	35	4.9	2415.7
04/04/2005	A5307502DL	8260	ND	ND	ND	ND	ND	ND	500 D	ND	3700 BD	ND	ND	4200
07/11/2005	A5724603	8260/5ML	ND	ND	ND	ND	ND	ND	1400	ND	3200	ND	36	4636
10/05/2005	A5B10703	8260	ND	ND	ND	ND	ND	ND	800	ND	1500	ND	ND	2300
01/24/2006	A6089105	8260	ND	ND	ND	ND	ND	ND	450	ND	3100 E	18	ND	3568
01/24/2006	A6089105DL	8260	ND	ND	ND	ND	ND	ND	520 D	ND	3700 D	23 D	ND	4243
04/13/2006	6D14002-06RE1	8260	ND	ND	ND	ND	ND	1	298 D	ND	946 D	10	4	1259
07/11/2006	6G12005-02	8260	ND	ND	ND	5	3	5	1150 D	ND	3150 D	8	5	4326
10/09/2006	6J10002-06	8260	ND	ND	ND	4	ND	6	1550 D	ND	4620 D	3	4	6187
01/09/2007	7A10006-05	8260	ND	ND	ND	ND	39	ND	437	ND	1940 D	21	ND	2437
04/03/2007	7D04039-05	8260	ND	ND	ND	2	ND	3	540 D	ND	2250 D	18	9	2822
07/05/2007	7G06018-02	8260	ND	ND	ND	ND	ND	ND	1320	ND	3120	ND	61	4501
10/09/2007	7J10006-06	8260	ND	ND	ND	ND	ND	ND	1400	ND	4220 D	ND	ND	5620
01/07/2008	8A08003-04RE1	8260	ND	ND	ND	ND	ND	ND	849	ND	362	ND	24	1235
04/08/2008	8D09003-05	8260	ND	ND	ND	ND	35 B	12	2910 D	ND	2120 D	ND	154	5231
07/16/2008	5417446	8260	ND	ND	ND	8	ND	5.2	770	ND	630	ND	130	1543.2
10/14/2008	5498677	8260	ND	ND	ND	10 J	ND	6.4 J	1000	ND	1400	ND	31	2447.4
01/15/2009	5578620	8260	ND	ND	ND	3.2 J	ND	2.7 J	630	ND	2000	ND	48	2683.9
04/13/2009	5647718	8260	ND	ND	ND	4.5 J	ND	ND	730	ND	2200	ND	50	2984.5
07/07/2009	5718469	8260	ND	ND	ND	19 J	ND	15 J	2600	ND	5000	ND	17 J	7651
10/06/2009	5799011	8260	ND	ND	ND	11 J	ND	8.6 J	1700	ND	5500	ND	8 J	7227.6
01/25/2010	5892346	8260	ND	ND	ND	ND	ND	ND	1400	ND	6300	ND	49 J	7749
04/06/2010	5946901	8260	ND	ND	ND	4.3 J	ND	5.1 J	940	ND	4300	ND	40	5289.4
07/21/2010	6039079	8260	ND	ND	ND	28	ND	20 J	2500	ND	4000	ND	13 J	6561
10/12/2010	6109759	8260	ND	ND	ND	8.5 J	ND	6.8 J	1400	ND	3100	ND	7 J	4522.3
01/24/2011	6190813	8260	ND	ND	ND	4.5 J	ND	4.2 J	970	ND	3400	ND	22 J	4400.7
04/12/2011	6256722	8260	ND	ND	ND	3 J	ND	4.3 J	560	ND	2600	1.8 J	ND	3169.1
07/18/2011	6348763	8260	ND	ND	ND	8.7 J	ND	6.9 J	1300	ND	3100	ND	26	4441.6
10/12/2011	6435906	8260	ND	ND	ND	7.2 J	ND	6.9 J	1100	ND	2900	ND	ND	4014.1
01/19/2012	6527712	8260	ND	ND	ND	2.3 J	ND	2.7 J	500	ND	2000	ND	2.3 J	2507.3

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To address the NYSDEC concerns regarding the presentation and plotting of nondetected values, the data for 2001 to 2004 has been reevaluated and interpreted as follows:

1) Nondetected concentrations have been represented as ND for reporting purposes.
2) Total VOCs have been recalculated and represented as the sum of the detected parameters shown on this table.
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-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-ethylene (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

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: **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-ethylene (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	

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.