FIRST QUARTER 2009 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 LARIVIERE DRIVE, SUITE 350

BUFFALO, NEW YORK 14202

May 2009

First Quarter 2009 Monitoring Report For:

GROUNDWATER REMEDIATION PROGRAM
AT THE
FORMER CARBORUNDUM FACILITY

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40 La Riviere Drive, Suite 350
Buffalo, New York 14202
Phone: (716) 541-0730
Fax: (716) 541-0760

May 2009

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

INTRODUCTION

The Atlantic Richfield Company (ARC) has retained Parsons to complete the 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 2009 groundwater sampling event and provides a summary of the operations, maintenance, and monitoring activities completed between January 1 and March 31, 2009.

The January 2009 groundwater sampling event included static water level measurements prior to purging and the collection of groundwater samples from 22 monitoring wells and five recovery wells in accordance with the NYSDEC-approved (October 2005) sampling program. Additionally, a groundwater sample was also collected from recovery well PW-4. All samples were submitted to Lancaster Laboratories, Inc. 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 1, 2009, water levels were measured in 60 monitoring and 6 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 2009 are shown in Figures 5 and 6. Groundwater elevations and resultant flow patterns are consistent with the historical data.

GROUNDWATER SAMPLING

The groundwater sampling event was completed between January 13 and January 21, 2009. 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 practicable, 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. Analytical results for the QA/QC samples are included in Appendix B. A trip blank was included with each sample cooler.

Each well was purged with a decontaminated pump, dedicated high density polyethylene (HDPE) bailer, or the sampling port on the pumping well (see Table 2). During purging, field parameters (pH, specific conductivity, temperature, and turbidity) were measured and recorded. Data collected during purging can be found on the sampling forms in Appendix A. Purging continued until field parameters had stabilized, between three and five well volumes of water had been purged, or the well was purged to dry. After purging was complete, 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 sample collection (see Table 3). All the samples collected 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 2009 sampling event were submitted to Lancaster Laboratories, a New York State certified laboratory, for 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 analytical results for this round of groundwater sampling are consistent with historical concentrations, and have been 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 water quality database. A historical summary (January 2001 through March 2009) is provided in the tables in Appendix C.

Limited data validation was performed on the analytical results. Although precision and accuracy outliers were noted by the laboratory for project designated MS/MSD analyses, parent samples were not affected for usability. All 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:

- installed new water level controllers in P-2, P-3, P-4, PW-1, and PW-3 and calibrated;

- replaced a check valve on pump P-805A; and

- rewired power to the radio and level transducers to correct occasional radio errors at pumping wells P-3 and P-4.

EFFLUENT AND PERMIT COMPLIANCE ISSUES

During the reporting period, approximately 12.1 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, 2012. The average pumping rate from the system was approximately 93.3 gallons per minute during the reporting period. (Note that currently the pumping rate is set at 90 gpm.)

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.

SUMMARY AND CONCLUSIONS

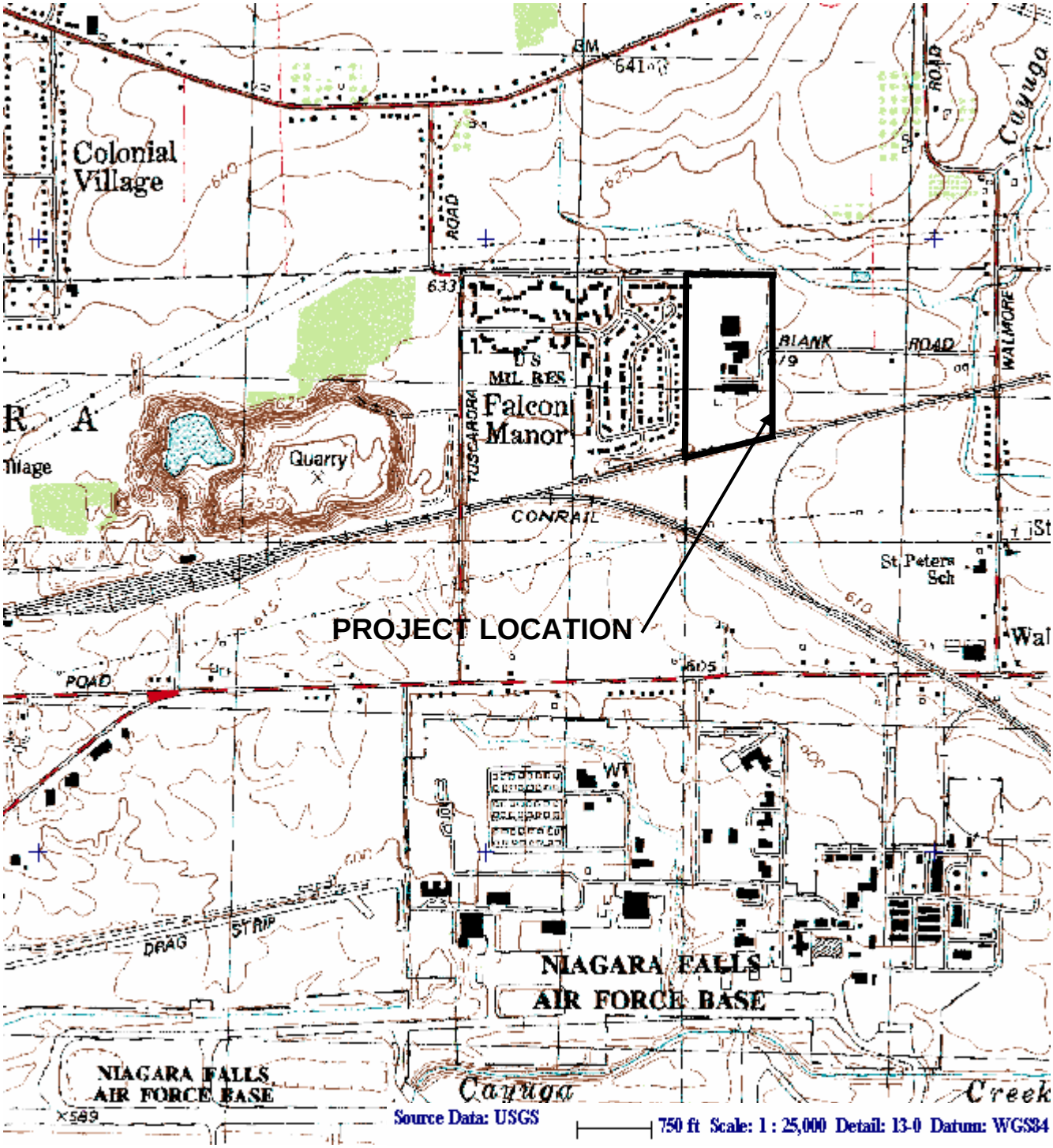
- Groundwater elevation and flow paths were consistent with historical patterns.

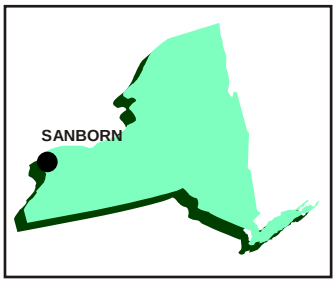
- Analytical results for VOCs were consistent with historical concentrations. The data are considered valid for their intended use.

- To the extent possible, the groundwater recovery and treatment system was operated continuously throughout the reporting period.

- Discharge monitoring reports (DMRs) were provided to NYSDEC, and all data were within compliance parameters for the reporting period.

FIGURES





New York
Quadrangle

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

N

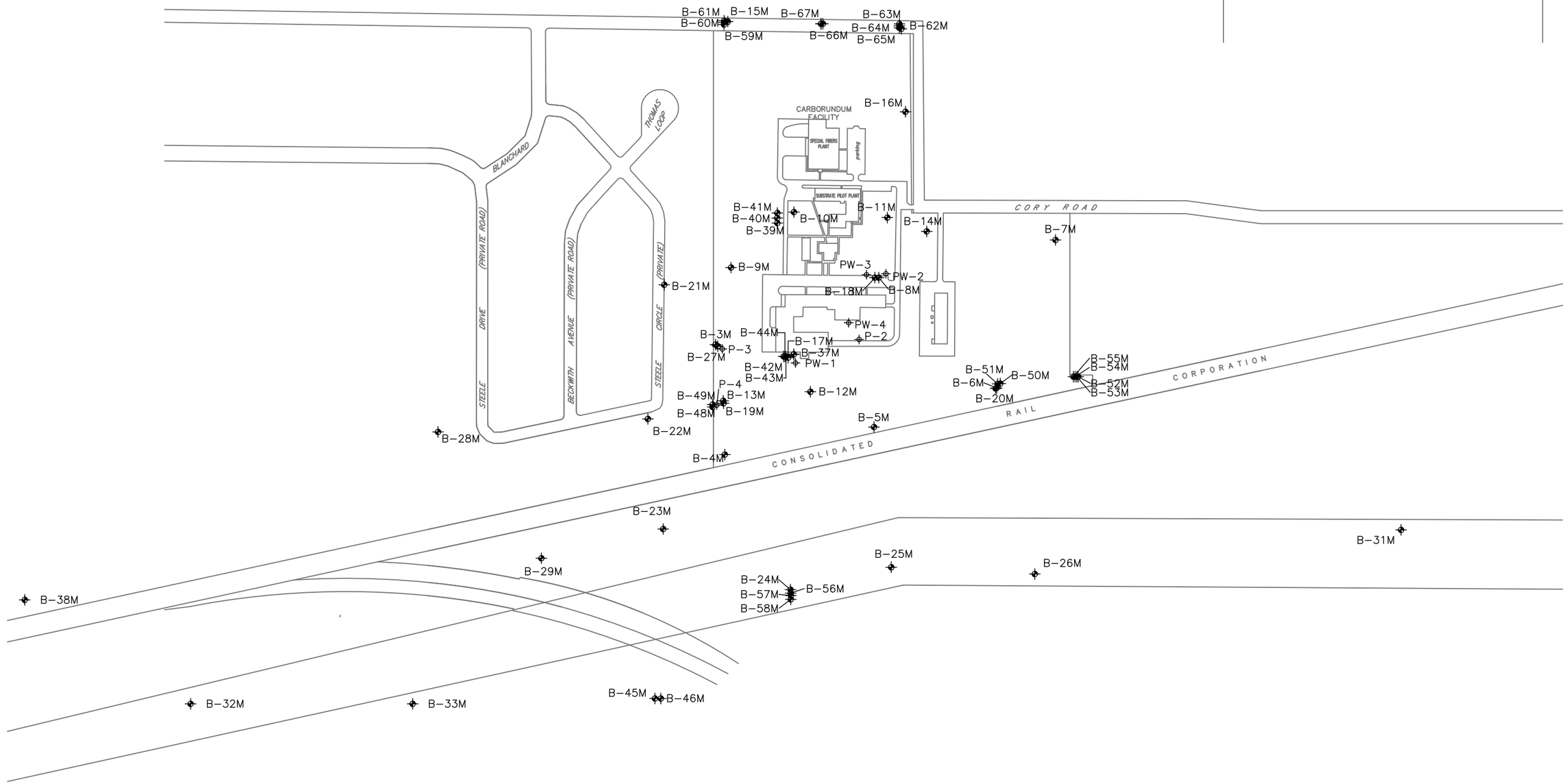
SOURCE: DeLORME 3-D
TOPOQUAD PROGRAM

FIGURE 1

ATLANTIC RICHFIELD COMPANY
FORMER CARBORUNDUM FACILITY
SANBORN, NEW YORK

PROJECT LOCATION PLAN

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



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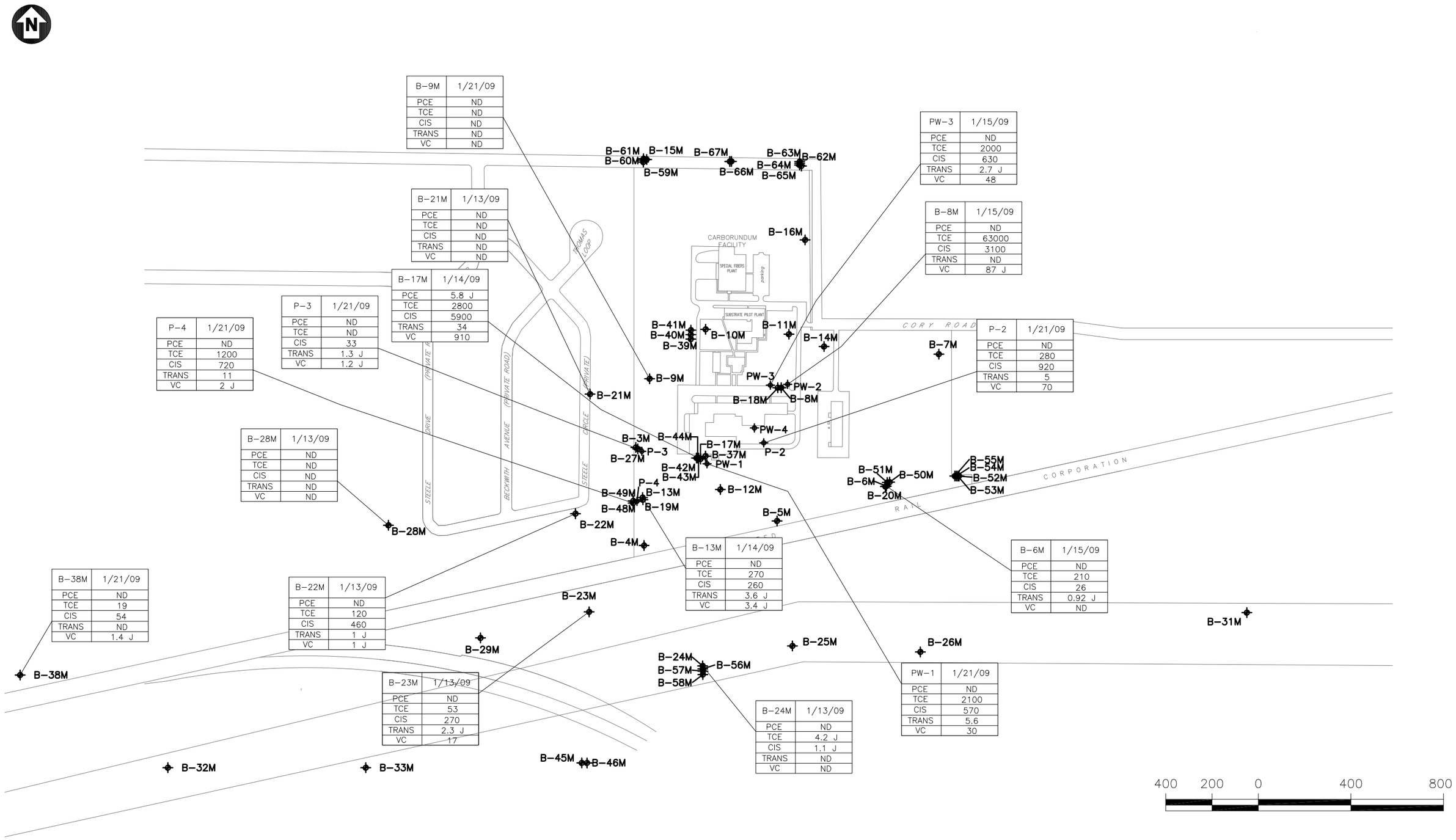
PARSONS
40 LA RIVIERE DRIVE, SUITE 350
BUFFALO, NEW YORK 14202
716-541-0730

FIGURE 2

ATLANTIC RICHFIELD COMPANY
FORMER CARBORUNDUM FACILITY

SITE PLAN



WELL	DATE
COMPOUND	CONCENTRATION (ug/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 2009 QUARTERLY SAMPLING EVENT

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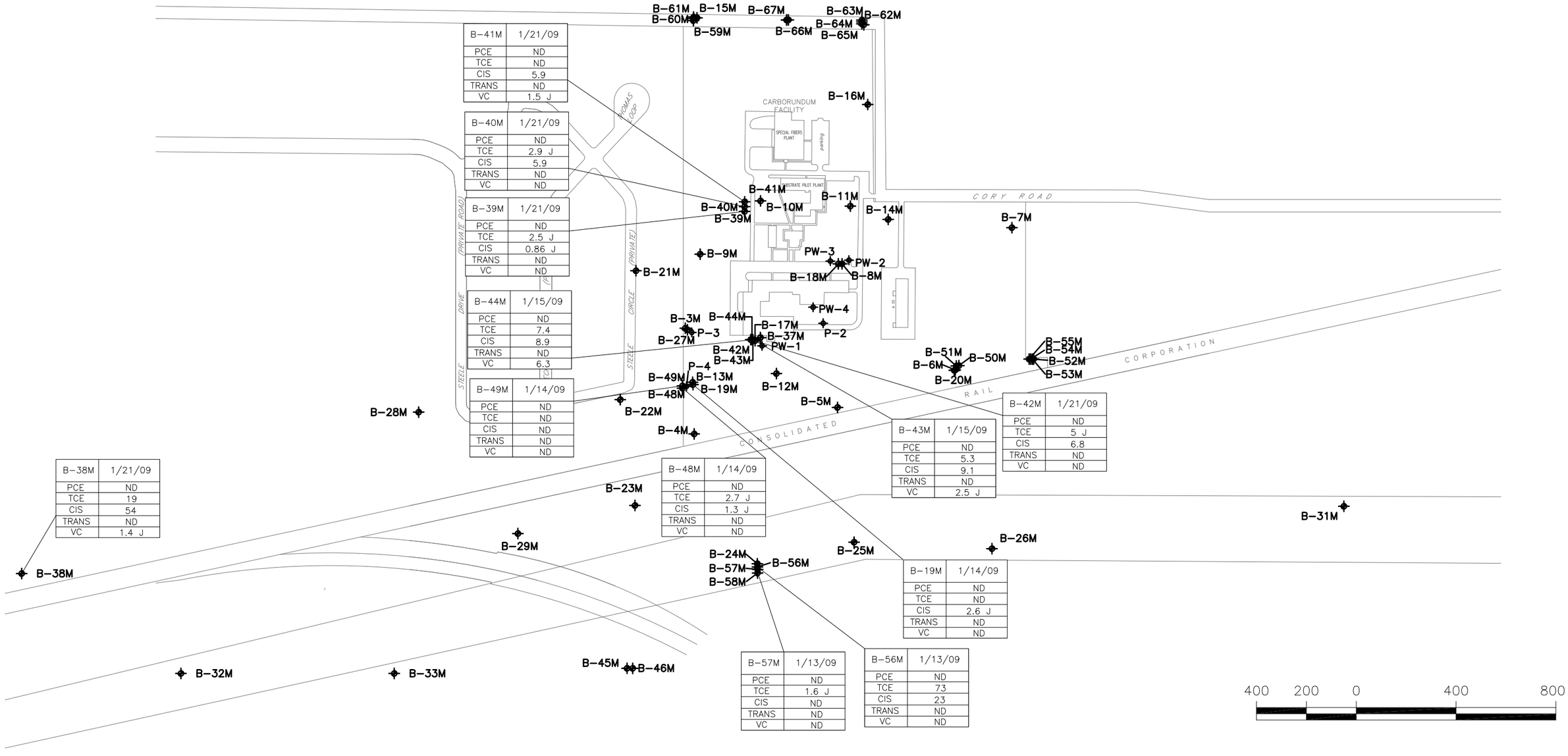

B-41M	1/21/09
PCE	ND
TCE	ND
CIS	5.9
TRANS	ND
VC	1.5 J

B-40M	1/21/09
PCE	ND
TCE	2.9 J
CIS	5.9
TRANS	ND
VC	ND

B-39M	1/21/09
PCE	ND
TCE	2.5 J
CIS	0.86 J
TRANS	ND
VC	ND

B-44M	1/15/09
PCE	ND
TCE	7.4
CIS	8.9
TRANS	ND
VC	6.3

B-49M	1/14/09
PCE	ND
TCE	ND
CIS	ND
TRANS	ND
VC	ND

B-42M	1/21/09
PCE	ND
TCE	5 J
CIS	6.8
TRANS	ND
VC	ND

B-43M	1/15/09
PCE	ND
TCE	5.3
CIS	9.1
TRANS	ND
VC	2.5 J

B-48M	1/14/09
PCE	ND
TCE	2.7 J
CIS	1.3 J
TRANS	ND
VC	ND

B-38M	1/21/09
PCE	ND
TCE	19
CIS	54
TRANS	ND
VC	1.4 J

B-19M	1/14/09
PCE	ND
TCE	ND
CIS	2.6 J
TRANS	ND
VC	ND

B-57M	1/13/09
PCE	ND
TCE	1.6 J
CIS	ND
TRANS	ND
VC	ND

B-56M	1/13/09
PCE	ND
TCE	73
CIS	23
TRANS	ND
VC	ND

WELL	DATE
COMPOUND	CONCENTRATION (ug/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 2009 QUARTERLY SAMPLING EVENT

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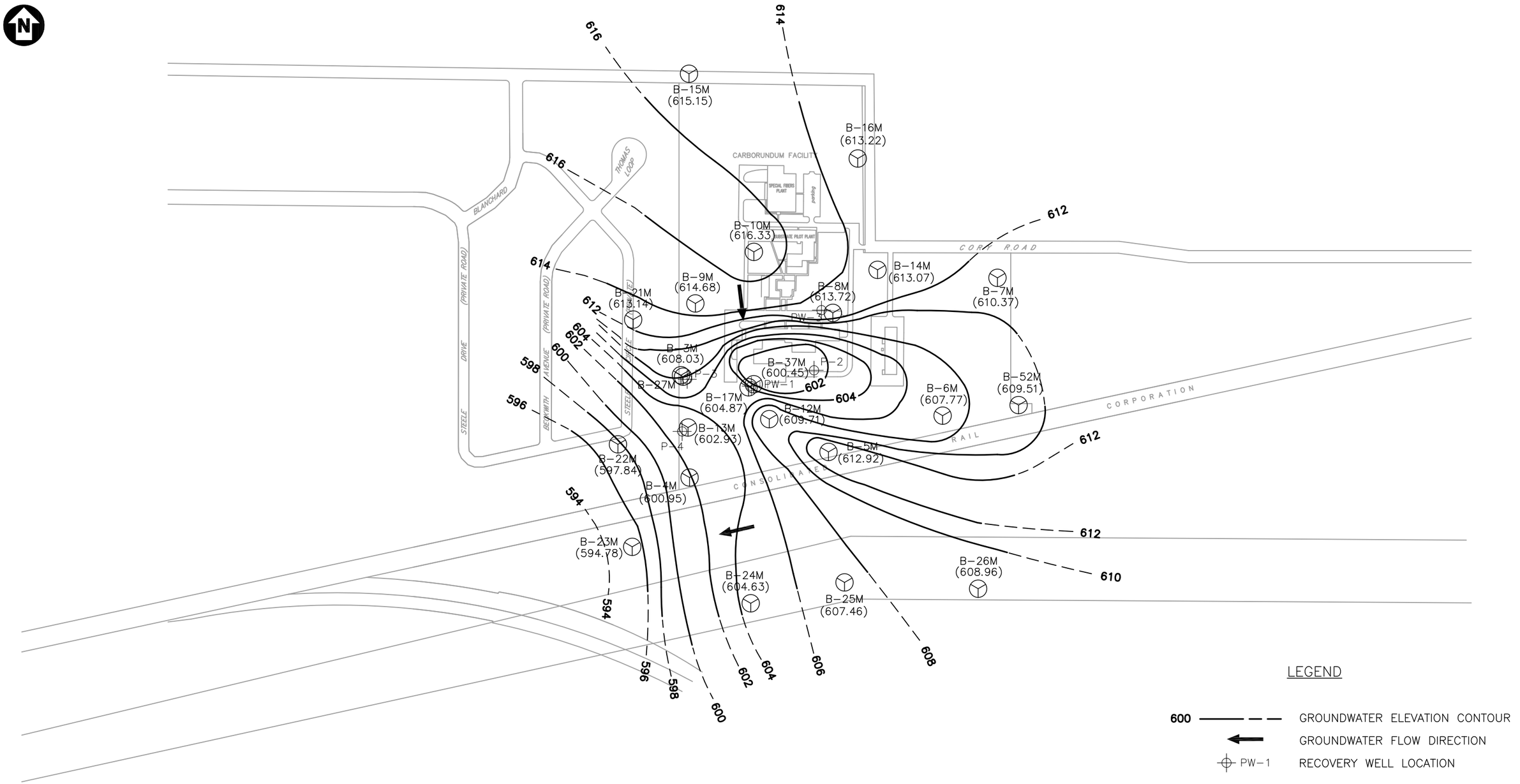

NOTES:

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.

2. B-29M AND B-38M ARE SCREENED IN BOTH ZONE 1 AND ZONE 2.

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PLOT DATE: 5/5/2009 8:15 AM PLOTTED BY: RUSSO, JILL

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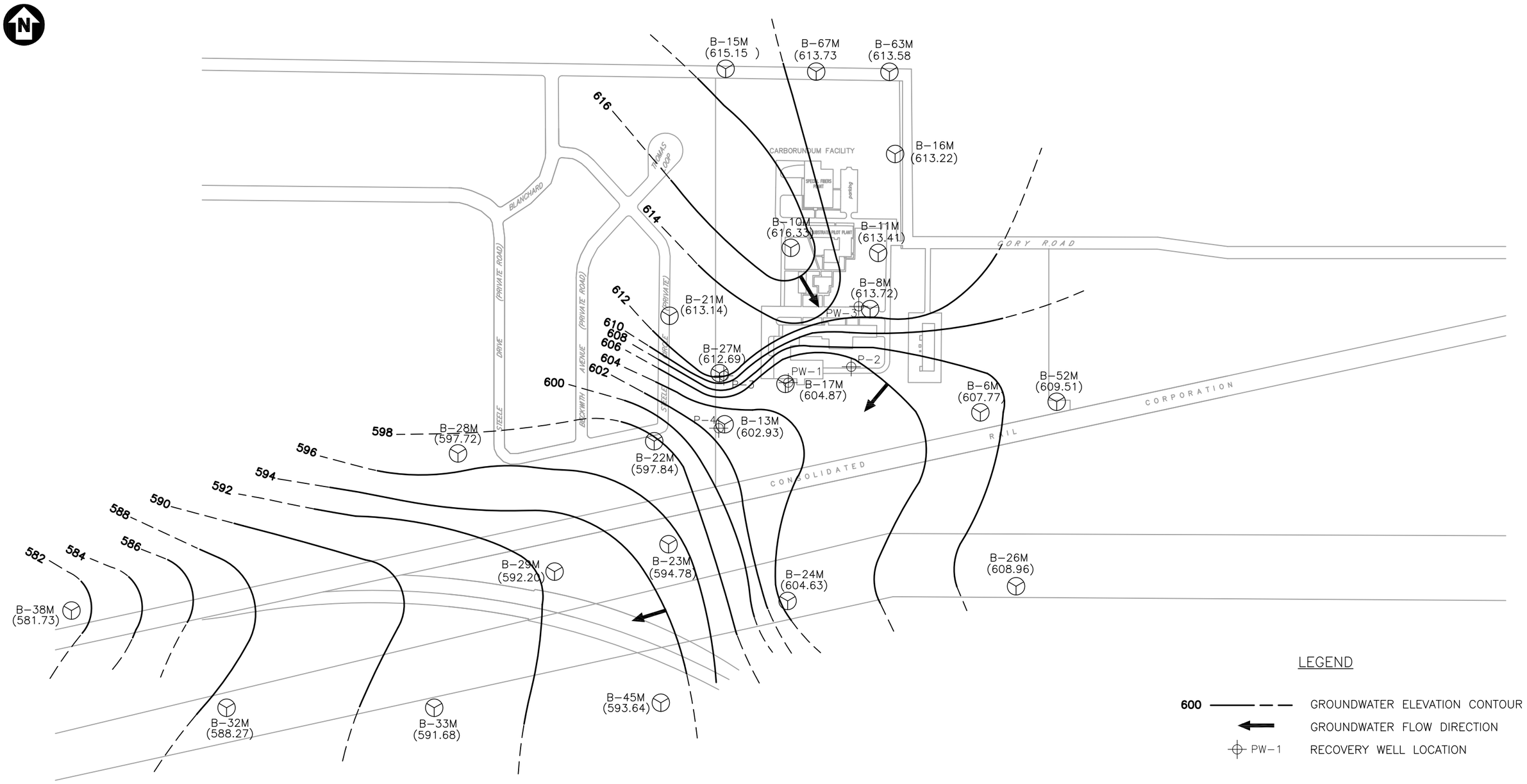
FIGURE 5

ATLANTIC RICHFIELD COMPANY
FORMER CARBORUNDUM FACILITY
GROUNDWATER ELEVATION
TOP OF ROCK-JANUARY 2009



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:\442951 BP SANBORN (BUFFALO)\ENGR\CAD\2009\442951SK001 (JAN 2009).DWG
PLOT DATE: 4/2/2009 10:26 AM PLOTTED BY: RUSSO, JILL

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BUFFALO, NEW YORK 14202
716-541-0730

FIGURE 6

ATLANTIC RICHFIELD COMPANY
FORMER CARBORUNDUM FACILITY
GROUNDWATER ELEVATION ZONE 1-JANUARY 2009

TABLES

TABLE 1
JANUARY 2009 GROUNDWATER ELEVATION DATA
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	01/12/09	619.67	20.02	599.65	
P-3	01/12/09	627.35	28.48	598.87	
P-4	01/12/09	624.45	21.61	602.84	
PW-1	01/12/09	619.78	18.10	601.68	
PW-3	01/12/09	618.28	12.40	605.88	
B-3M	01/12/09	625.59	17.56	608.03	
B-4M	01/12/09	622.24	21.29	600.95	
B-5M	01/12/09	620.83	7.91	612.92	
B-6M	01/12/09	615.69	7.92	607.77	
B-7M	01/12/09	616.22	5.85	610.37	
B-8M	01/12/09	618.57	4.85	613.72	
B-9M	01/12/09	623.03	8.35	614.68	
B-10M	01/12/09	626.05	9.72	616.33	
B-11M	01/12/09	622.81	9.40	613.41	
B-12M	01/12/09	622.17	12.46	609.71	
B-13M	01/12/09	626.70	23.77	602.93	
B-14M	01/12/09	618.25	5.18	613.07	
B-15M	01/12/09	623.98	8.83	615.15	
B-16M	01/12/09	626.08	12.86	613.22	
B-17M	01/12/09	622.07	17.20	604.87	
B-18M	01/12/09	618.69	7.11	611.58	
B-19M	01/12/09	626.01	17.34	608.67	
B-20M	01/12/09	615.32	6.45	608.87	
B-21M	01/12/09	622.56	9.42	613.14	
B-22M	01/12/09	622.29	24.45	597.84	
B-23M	01/12/09	617.71	22.93	594.78	
B-24M	01/12/09	617.24	12.61	604.63	
B-25M	01/12/09	619.31	11.85	607.46	
B-26M	01/12/09	618.06	9.10	608.96	
B-27M	01/12/09	626.04	13.35	612.69	
B-28M	01/12/09	622.62	24.90	597.72	
B-29M	01/12/09	618.31	26.11	592.20	
B-31M	01/12/09	613.78	7.03	606.75	
B-32M	01/12/09	619.35	31.08	588.27	
B-33M	01/12/09	612.43	20.75	591.68	
B-37M	01/12/09	616.90	16.45	600.45	
B-38M	01/12/09	609.81	28.08	581.73	
B-39M	01/12/09	626.12	12.83	613.29	
B-40M	01/12/09	626.23	13.78	612.45	
B-41M	01/12/09	626.31	15.55	610.76	
B-42M	01/12/09	623.76	10.62	613.14	
B-43M	01/12/09	623.64	12.80	610.84	
B-44M	01/12/09	623.29	14.84	608.45	
B-45M	01/12/09	612.12	18.48	593.64	
B-46M	01/12/09	613.46	20.82	592.64	
B-48M	01/12/09	625.40	12.66	612.74	
B-49M	01/12/09	625.56	22.67	602.89	
B-50M	01/12/09	616.47	6.90	609.57	
B-51M	01/12/09	616.48	NM	NA	frozen
B-52M	01/12/09	616.26	6.75	609.51	
B-53M	01/12/09	616.14	6.62	609.52	
B-54M	01/12/09	616.00	6.29	609.71	
B-55M	01/12/09	615.59	22.05	593.54	
B-56M	01/12/09	617.78	22.34	595.44	
B-57M	01/12/09	617.80	24.06	593.74	
B-58M	01/12/09	617.99	20.05	597.94	
B-59M	01/12/09	625.53	24.63	600.90	
B-60M	01/12/09	625.67	12.65	613.02	
B-61M	01/12/09	625.72	12.03	613.69	
B-62M	01/12/09	623.89	NM	NA	frozen
B-63M	01/12/09	624.14	10.56	613.58	
B-64M	01/12/09	623.95	10.61	613.34	
B-65M	01/12/09	624.19	11.9	612.29	
B-66M	01/12/09	625.37	11.95	613.42	
B-67M	01/12/09	625.51	11.78	613.73	

NM = Not Measured
NA = Not Applicable

TABLE 2
MONITORING WELL GROUNDWATER PURGING DATA
JANUARY 2009 QUARTERLY SAMPLING EVENT
FORMER CARBORUNDUM COMPANY
WHEATFIELD, NEW YORK

Monitoring Well I.D.	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)	Volume Purged (gal)	Purging Codes	Remarks
P-2	1/21/09	10:35	619.67							1	Pumping well
P-3	1/21/09	11:00	627.35							1	Pumping well
P-4	1/14/09	11:30	624.45							1	Pumping well
PW-1	1/13/09	15:15	619.78							1	Pumping well
PW-3	1/15/09	10:20	618.28							1	Pumping well
PW-4	1/21/09	10:45	620.84							1	Pumping well
B-6M	1/15/09	9:05	615.69	6.63	609.06	19.11	12.48	2.12	8.5	4	
B-8M	1/15/09	9:50	618.57	5.41	613.16	17.81	12.40	2.10	8.4	4	
B-9M	1/14/09	8:55	623.03	8.52	614.51	21.13	12.61	2.10	8.4	4	
B-9M	1/21/09	8:45	623.03	9.19	613.84	21.15	11.96	2.00	8	4	
B-13M	1/14/09	13:30	617.20	23.81	593.39	35.97	12.16	2.07	8.8	5	
B-17M	1/14/09	14:05	622.07	17.39	604.68	26.00	8.61	1.46	6	4	
B-19M	1/14/09	9:45	626.01	17.70	608.31	66.20	48.50	8.25	32	5	
B-21M	1/13/09	12:45	622.56	9.42	613.14	26.62	17.20	2.90	12	4	
B-22M	1/13/09	13:45	617.71	24.45	593.26	36.00	11.55	1.96	6	4	
B-23M	1/13/09	11:50	617.71	22.85	594.86	31.66	8.81	1.50	6.5	4	
B-24M	1/13/09	10:40	617.20	12.14	605.06	26.60	14.46	2.46	9	5	
B-28M	1/13/09	14:30	622.62	24.90	597.72	34.75	9.85	1.67	5	4	
B-38M	1/21/09	13:30	609.81	28.31	581.50	41.22	12.91	2.19	8.8	4	
B-39M	1/21/09	9:45	626.12	14.18	611.94	44.85	30.67	5.20	20.8	5	
B-40M	1/20/09	14:10	626.23	15.04	611.19	57.91	42.87	7.30	37	5	
B-41M	1/20/09	13:00	626.31	16.65	609.66	72.60	55.95	9.50	48	5	
B-42M	1/21/09	12:15	623.76	11.99	611.77	45.40	33.41	5.68	22.75	5	
B-43M	1/15/09	11:45	623.64	13.77	609.87	58.85	45.08	7.70	20	5	well went dry during purge
B-44M	1/15/09	11:00	623.29	15.98	607.31	84.50	68.52	11.65	27	5	well went dry during purge
B-48M	1/14/09	12:45	625.40	13.04	612.36	46.88	33.84	5.80	23	5	
B-49M	1/14/09	10:35	625.56	23.23	602.33	82.51	59.28	10.00	40	5	
B-56M	1/13/09	9:40	617.78	22.19	595.59	39.61	17.42	2.96	12	5	
B-57M	1/13/09	9:15	617.80	24.43	593.37	50.51	26.08	4.40	8.8	5	well went dry during purge

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 2009 QUARTERLY SAMPLING EVENT
FORMER CARBORUNDUM COMPANY
WHEATFIELD, NEW YORK

Monitoring Well I.D.	Date	Time	Top of Riser Elevation (ft)	pH (standard units)	Specific Conductance (uS/cm)	Temperature (deg F)	Turbidity (NTU)	Remarks
P-2	1/21/09	10:35	619.67	7.35	1.10	49.5	8.2	Pumping well
P-3	1/21/09	11:00	627.35	7.58	1.64	47.1	4.2	Pumping well
P-4	1/14/09	11:30	624.45	7.74	1.22	46.5	5.28	Pumping well
PW-1	1/13/09	15:15	619.78	7.43	0.88	51.8	5.1	Pumping well
PW-3	1/15/09	10:20	618.28	7.38	2.42	44.5	17.2	Pumping well
PW-4	1/21/09	10:45	620.84	7.08	0.79	50.8	4.3	Pumping well
B-6M	1/15/09	9:35	615.69	7.02	1.28	45.5	160	
B-8M	1/15/09	10:15	618.57	6.9	3.56	48.0	85.1	
B-9M	1/21/09	9:20	623.03	7.16	0.46	43.1	106.8	
B-9M	1/21/09	9:20	623.03	7.16	0.46	43.1	106.8	
B-13M	1/14/09	14:00	618.69	7.7	1.01	47.0	34	
B-17M	1/14/09	14:30	626.01	7.26	1.8	50.6	75	
B-19M	1/14/09	10:30	617.71	7.41	1.39	49.1	5.86	
B-21M	1/13/09	13:30	618.31	7.17	1.31	50.5	600	
B-22M	1/13/09	14:20	619.35	7.23	1.4	50.9	52.4	
B-23M	1/13/09	12:25	609.81	7.34	1.23	46.0	155	
B-24M	1/13/09	11:00	626.12	7.77	0.58	43.3	40.5	
B-28M	1/13/09	15:05	622.62	7.12	1.09	49.5	527	
B-38M	1/21/09	14:20	609.81	6.95	1.22	49.7	12.6	
B-39M	1/21/09	10:20	626.12	7.13	1.12	47.1	15	
B-40M	1/21/09	9:35	626.23	7.19	1.33	48.7	4.3	
B-41M	1/21/09	9:25	626.31	6.98	1.45	43.7	4.84	
B-42M	1/21/09	13:10	623.76	7.13	0.99	48.1	9.1	
B-43M	1/15/09	14:15	623.64	7.44	1.63	50.5	18	
B-44M	1/15/09	13:55	623.29	7.17	2.9	51.2	49.1	
B-48M	1/19/09	13:20	625.40	7.3	1.05	47.8	40	
B-49M	1/14/09	11:50	625.56	7.07	3.02	48.0	1.63	
B-56M	1/13/09	10:30	617.78	7.68	1.23	48.2	65	
B-57M	1/13/09	11:45	617.80	7.1	2.32	47.9	78.4	

TABLE 4
MONITORING WELL GROUNDWATER ANALYTCIAL RESULT SUMMARY
JANUARY 2009 QUARTERLY SAMPLING EVENT
FORMER CARBORUNDUM COMPANY
SANBORN, NEW YORK

Well Id	Sample Date	Lab Sample ID	Carbon Tetrachloride ug/l	Chloroform ug/l	1,1-Dichloroethane ug/l	1,1-Dichloroethene ug/l	Methylene chloride ug/l	trans-1,2-Dichloroethene ug/l	cis-1,2-Dichloroethene ug/l	1,1,1-Trichloroethane ug/l	Trichloroethene ug/l	Vinyl chloride ug/l	Tetrachloroethene ug/l
P-2	1/21/2009	5582428	< 1	< 0.8	86	7.6	< 2	5	920	100	280	70	< 0.8
P-3	1/21/2009	5582429	< 1	< 0.8	< 1	< 0.8	< 2	1.3 J	33	< 0.8	< 1	1.2 J	< 0.8
P-4	1/14/2009	5577587	< 1	< 0.8	24	7.9	< 2	11	720	38	1200	2 J	< 0.8
PW-1	1/13/2009	5576508	< 1	< 0.8	18	5	< 2	5.6	570	17	2100	30	< 0.8
PW-3	1/15/2009	5578620	< 2	< 1.6	< 2	3.2 J	< 4	2.7 J	630	< 1.6	2000	48	< 1.6
B- 6M	1/15/2009	5578622	< 1	< 0.8	< 1	< 0.8	< 2	0.92 J	26	< 0.8	210	< 1	< 0.8
B- 8M	1/15/2009	5578621	< 50	< 40	< 50	< 40	< 100	< 40	3100	< 40	63000	87 J	< 40
B- 9M	1/21/2009	5582424	< 1	< 0.8	< 1	< 0.8	< 2	< 0.8	< 0.8	< 0.8	< 1	< 1	< 0.8
B-13M	1/14/2009	5577590	< 1	< 0.8	4.9 J	2.1 J	< 2	3.6 J	260	3.4 J	270	3.4 J	< 0.8
B-17M	1/14/2009	5577592	< 5	< 4	180	39	< 10	34	5900	49	2800	910	5.8 J
B-19M	1/14/2009	5577589	< 1	< 0.8	< 1	< 0.8	< 2	< 0.8	2.6 J	< 0.8	< 1	< 1	< 0.8
B-21M	1/13/2009	5576506	< 1	< 0.8	< 1	< 0.8	< 2	< 0.8	< 0.8	< 0.8	< 1	< 1	< 0.8
B-22M	1/13/2009	5576505	< 1	< 0.8	3.1 J	2 J	< 2	14	460	< 0.8	120	1 J	< 0.8
B-23M	1/13/2009	5576509	< 1	< 0.8	2.2 J	0.96 J	< 2	2.3 J	270	< 0.8	53	17	< 0.8
B-24M	1/13/2009	5576514	< 1	< 0.8	< 1	< 0.8	< 2	< 0.8	1.1 J	< 0.8	4.2 J	< 1	< 0.8
B-28M	1/13/2009	5576507	< 1	< 0.8	< 1	< 0.8	< 2	< 0.8	< 0.8	< 0.8	< 1	< 1	< 0.8
B-38M	1/21/2009	5582432	< 1	< 0.8	< 1	< 0.8	< 2	< 0.8	54	< 0.8	19	1.4 J	< 0.8
B-39M	1/21/2009	5582425	< 1	< 0.8	< 1	< 0.8	< 2	< 0.8	0.86 J	< 0.8	2.5 J	< 1	< 0.8
B-40M	1/21/2009	5582426	< 1	< 0.8	< 1	< 0.8	< 2	< 0.8	5.9	< 0.8	2.9 J	< 1	< 0.8
B-41M	1/21/2009	5582427	< 1	< 0.8	< 1	< 0.8	< 2	< 0.8	5.9	< 0.8	< 1	1.5 J	< 0.8
B-42M	1/21/2009	5582431	< 1	< 0.8	< 1	< 0.8	< 2	< 0.8	6.8	< 0.8	5 J	< 1	< 0.8
B-43M	1/15/2009	5578617	< 1	< 0.8	< 1	< 0.8	< 2	< 0.8	9.1	< 0.8	5.3	2.5 J	< 0.8
B-44M	1/15/2009	5578616	< 1	< 0.8	8.3	< 0.8	< 2	< 0.8	8.9	< 0.8	7.4	6.3	< 0.8
B-48M	1/14/2009	5577591	< 1	< 0.8	< 1	< 0.8	< 2	< 0.8	1.3 J	< 0.8	2.7 J	< 1	< 0.8
B-49M	1/14/2009	5577588	< 1	< 0.8	< 1	< 0.8	< 2	< 0.8	< 0.8	< 0.8	< 1	< 1	< 0.8
B-56M	1/13/2009	5576512	< 1	< 0.8	1 J	< 0.8	< 2	< 0.8	23	1.3 J	73	< 1	< 0.8
B-57M	1/13/2009	5576515	< 1	< 0.8	< 1	< 0.8	< 2	< 0.8	< 0.8	< 0.8	1.6 J	< 1	< 0.8

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: 1/15/09	Time Started: 0905	Field Personnel: RC Becken
Weather Conditions: snow cool 4°			
Comments:			

Initial Readings

Measured Well Bottom (TOR - ft) 19.11	Riser Pipe Diameter (in) 2 in.			
Measured Water Level (TOR - ft) 6.63	Conversion Factor (gal/lineal ft)	1.25" = 0.08	(2" = 0.17)	3" = 0.38
Calculated Water Column Height (ft) 12.48	(Circle One)	4" = 0.66	6" = 1.50	8" = 2.60
One Well Volume (gals.) 2.12	Five Well Volumes (gals.) 10.6			
Notes:				

Well Conditions

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

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

Other:

Purge Information

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

Well Volume	Gallons Purged (gal)	Temperature (deg C)	Specific Conductivity (mS/cm)	Turbidity (NTU's)	Comments
2.12	~2.12	50.9	1.86	270	
	~4.24	44.7	1.40	800	
	~6.36	44.5	1.18	140	
	~8.5	45.2	1.14	60	

Water Level After Purging (TOR ft): Calculated 95% Recovery Water Level:
Comments:

Sampling Information

Date: 1/15/09 Time Sampled: 9:35 Field Personnel: R C Becken
Measured Water Level (TOR ft.): 14.6
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 (NTUs)	Comments
B-6	45.5	7.02	1.25	160	

QA/QC Samples Taken:
Comments:

Signature

Sampler (Print): Richard C. Becken Sampler (signature): R C Becken Date: 1/15/09

MONITORING WELL SAMPLING FIELD FORM
FORMER CARBORUNDUM FACILITY
SANBORN, NEW YORK

Monitoring Well ID: B-8	Date: 1/15/09	Time Started: 930	Field Personnel: RC Becken
Weather Conditions: snow cold 4°			
Comments:			

Initial Readings

Measured Well Bottom (TOR - ft) 17.81	River Pipe Diameter (in)			
Measured Water Level (TOR - ft) 5.41	Conversion Factor (gal/lineal ft)	1.25" = 0.08	(2" = 0.17)	3" = 0.38
Calculated Water Column Height (ft) 12.4	(Circle One)	4" = 0.88	6" = 1.50	8" = 2.60
One Well Volume (gals.) 2.1	~~Three~~ Well Volumes (gals.) 5Vs 10.54			
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

Pumping 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
2.1	~2.1	40.6	3.10	627	
	~4.2	46.0	3.41	209	
	~6.3	46.2	3.60	195	
	~8.4	47.1	3.57	113	

Water Level After Pumping (TOR ft): Calculated 95% Recovery Water Level:
Comments:

Sampling Information

Date: 1/15/09	Time Sampled: 1015	Field Personnel: RC Becken
Measured Water Level (TOR ft.): 7.3		

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	Specific Conductivity (mS/cm)	Turbidity (NTU's)	Comments
B-8	48	6.9	3.56	55.1	

QA/QC Samples Taken:
Comments:

Signature

Sampler (Print): Richard C. Becken *Sampler (signature):* Richard C Becken Date: 1/15/09

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

Monitoring Well I.D.: B-9	Date: 1/14/09	Time Started: 0855	Field Personnel: RC Becken
Weather Conditions: clear cold 40			
Comments:			

Initial Readings

Measured Well Bottom (TOR - ft) 21.13	Riser Pipe Diameter (in) 2 in.			
Measured Water Level (TOR - ft) 8.52	Conversion Factor (gal/lineal ft)	1.25" = 0.08	(2" = 0.17)	3" = 0.38
Calculated Water Column Height (ft) 12.61	(Circle One)	4" = 0.66	6" = 1.50	8" = 2.60
One Well Volume (gals.) 2.1	Five Well Volumes (gals.) 10.7			
Notes:				

Well Conditions

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

Purge Information

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

Well Volume	Gallons Purged (gal)	Temperature (deg C)	Specific Conductivity (mS/cm)	Turbidity (NTU's)	Comments
2.1	~2.1	49.2	0.33	67.6	
	~4.2	45.7	0.28	90.5	
	~6.3	43.5	0.28	107.1	
	~8.4	43.7	0.28	110.5	

Water Level After Purging (TOR ft): Calculated 95% Recovery Water Level:
Comments:

Sampling Information

Date: 1/14/09	Time Sampled: 0925	Field Personnel: R C Becken	
Measured Water Level (TOR ft.): 8.68			

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 (NTUs)	Comments
B-9	42.4	7.50	0.28	106.3	

QA/QC Samples Taken:
Comments:

Signature

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

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

Monitoring Well I.D.: B-9	Date: 1/20/09	Time Started: 0845	Field Personnel: RC Becken
Weather Conditions: clear cold 7°			
Comments:			

Initial Readings

Measured Well Bottom (TOR - ft) 21.15	Riser Pipe Diameter (in) 2 in.				
Measured Water Level (TOR - ft) 9.19	Conversion Factor (gal/lineal ft)	1.25" = 0.08	(2" = 0.17)	3" = 0.38	
Calculated Water Column Height (ft) 11.96	(Circle One)	4" = 0.66	6" = 1.50	8" = 2.60	
One Well Volume (gals.) 2.03	FiveWell Volumes (gals.) 10.2				
Notes:					

Well Conditions

Well Riser Type (Circle one):	(Stainless Steel) Carbon Steel PVC	
Casing Condition:	(OK)	Repair Required:
Cap Condition:	(OK)	Repair Required:
Paint Condition:	(OK)	Repair Required:
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 (NTUs)	Comments
2.03	~2	45.9	0.38	85	
	~4	42.5	0.40	120	
	~6	43.4	0.43	119	
	~8	42.6	0.45	118	

Comments: This well was resampled due to frozen sample vials after first (1/14/09) sampling. EOF

Sampling Information

Date: 1/21/09	Time Sampled: 920	Field Personnel: R C Becken
Measured Water Level (TOR ft.): 9.34		

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 (NTUs)	Comments
B-9	43.1	7.16	0.46	106.8	

QA/QC Samples Taken:
Comments:

Signature

Sampler (Print): Richard C. Becken	Sampler (signature): Richard C Becken	Date: 1/20/09

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

Monitoring Well I.D.: B-13	Date: 1/14/09	Time Started: 1330	Field Personnel: RC Becken
Weather Conditions: clear cold 30°			
Comments:			

Initial Readings

Measured Well Bottom (TOR - ft) 35.97	Riser Pipe Diameter (in) 2 in.			
Measured Water Level (TOR - ft) 23.81	Conversion Factor (gal/lineal ft)	1.25" = 0.08	(2" = 0.17)	3" = 0.38
Calculated Water Column Height (ft) 12.16	(Circle One)	4" = 0.66	6" = 1.50	8" = 2.60
One Well Volume (gals.) ~~2.07~~	Five Well Volumes (gals.) ~~10.34~~			
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: purge pump

Well Volume	Gallons Purged (gal)	Temperature (deg C)	Specific Conductivity (mS/cm)	Turbidity (NTU's)	Comments
2.07	~2.1	44.3	1.98	11.2	
	~4.2	46.7	1.70	34.2	
	~6.6	47.0	1.51	6.59	
	~8.3	47.1	1.52	3.2	

Water Level After Purging (TOR ft): Calculated 95% Recovery Water Level:

Comments:

Sampling Information

Date: 1/14/09	Time Sampled: 1400	Field Personnel: R C Becken	
Measured Water Level (TOR ft.): 23.93			

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

Sample I.D.	Temperature (deg C)	pH (S.U.)	Specific Conductivity (mS/cm)	Turbidity (NTU's)	Comments
B-13	47.0	7.7	1.01	34	

QA/QC Samples Taken:

Comments:

Signature

Sampler (Print): Richard C. Becken	Sampler (signature): Richard C Becken	Date: 1/14/09

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

Monitoring Well I.D.: B-17	Date: 1/14/09	Time Started: 1405	Field Personnel: RC Becken
Weather Conditions: clear cold light snow			
Comments:			

Initial Readings

Measured Well Bottom (TOR - ft) 26.0	Riser Pipe Diameter (in) 2 in.			
Measured Water Level (TOR - ft) 17.39	Conversion Factor (gal/lineal ft)	1.25" = 0.08	~~2" = 0.17~~	3" = 0.38
Calculated Water Column Height (ft) 8.61	(Circle One)	4" = 0.66	6" = 1.50	8" = 2.60
One Well Volume (gals.) 1.46	Five Well Volumes (gals.) 7.32			
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:

Well Volume	Gallons Purged (gal)	Temperature (deg C)	Specific Conductivity (mS/cm)	Turbidity (NTU's)	Comments
1.46	~1.5	47.0	1.55	220	
	~3	50.0	1.74	160	
	~4.5	51.7	1.81	140	
	~6	51.5	1.79	120	

Water Level After Purging (TOR ft): Calculated 95% Recovery Water Level:
Comments:

Sampling Information

Date: 1/14/09 Time Sampled: 1430 Field Personnel: R C Becken
Measured Water Level (TOR ft): 18.06
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-17	50.6	7.26	1.80	75	

QA/QC Samples Taken:
Comments:

Signature

Sampler (Print): Richard C. Becken Sampler (signature): R C Becken Date: 1/14/09

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

Monitoring Well I.D.: B-19	Date: 1/14/09	Time Started: 0945	Field Personnel: RC Becken
Weather Conditions: cold clear 5°			
Comments:			

Initial Readings

Measured Well Bottom (TOR - ft) 66.2	Riser Pipe Diameter (in) 2 in.			
Measured Water Level (TOR - ft) 17.7	Conversion Factor (gal/lineal ft) (Circle One)	1.25" = 0.08	(2") = 0.17	3" = 0.38
Calculated Water Column Height (ft) 48.5		4" = 0.66	6" = 1.50	8" = 2.60
One Well Volume (gals.) 8.25	Five Well Volumes (gals.) 41.2			
Notes:				

Well Conditions

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

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

Other:

Purge Information

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

Well Volume	Gallons Purged (gal)	Temperature (deg C)	Specific Conductivity (mS/cm)	Turbidity (NTU's)	Comments
8.25	~8.25	46.7	1.93	4.71	
	~16.5	47.0	1.88	3.77	
	~25	48.5	1.81	2.7	
	~32	49.4	1.78	3.2	

Water Level After Purging (TOR ft): Calculated 95% Recovery Water Level:
Comments:

Sampling Information

Date: 1/14/09 Time Sampled: 1030 Field Personnel: R C Becken
Measured Water Level (TOR ft.): 26.35
Sampling Method (Circle one): Stainless Steel Bailer Peristaltic Pump Sample Port (Pumping Wells Only)
Teflon Bailer (Polyethylene Bailer) Other:

Sample I.D.	Temperature (deg C)	pH (S.U.)	Specific Conductivity (mS/cm)	Turbidity (NTU's)	Comments
B-19	49.1	7.41	1.39	5.86	

QA/QC Samples Taken:
Comments:

Signature

Sampler (Print): Richard C. Becken Sampler (signature): Richard C Becken Date: 1/14/09

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

Monitoring Well I.D.: B-21	Date: 1/13/09	Time Started: 1245	Field Personnel: RC Becken
Weather Conditions: snow windy cold			
Comments:			

Initial Readings

Measured Well Bottom (TOR - ft) 26.67	Riser Pipe Diameter (in) 2 in.			
Measured Water Level (TOR - ft) 9.42	Conversion Factor (gal/lineal ft)	1.25" = 0.08	(2" = 0.17)	3" = 0.38
Calculated Water Column Height (ft) 17.2	(Circle One)	4" = 0.66	6" = 1.50	8" = 2.60
One Well Volume (gals.) 2.9	Five Well Volumes (gals.) 14.5			

Notes:

Well Conditions

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

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

Other:

Purge Information

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

Well Volume	Gallons Purged (gal)	Temperature (deg C)	Specific Conductivity (mS/cm)	Turbidity (NTU's)	Comments
2.9	~3	53.6	1.23	100	
	~6	52.2	1.26	140	
	~9	51.9	1.27	550	
	~12	51.9	1.31	780	

Water Level After Purging (TOR ft): Calculated 95% Recovery Water Level:

Comments:

Sampling Information

Date: 1/13/09	Time Sampled: 1330	Field Personnel:	R C Becken

Measured Water Level (TOR ft.): 10.97

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	50.5	7.17	1.31	600	

QA/QC Samples Taken:

Comments:

Signature

Sampler (Print): Richard C. Becken	Sampler (signature): Richard C Becken		Date: 1/13/09

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

Monitoring Well I.D.: B-22	Date: 1/13/09	Time Started: 1345	Field Personnel: RC Becken
Weather Conditions: snow windy cold			
Comments:			

Initial Readings

Measured Well Bottom (TOR - ft) 36.00	Riser Pipe Diameter (in) 2 in.			
Measured Water Level (TOR - ft) 24.45	Conversion Factor (gal/lineal ft)	1.25" = 0.08	2" = 0.17	3" = 0.38
Calculated Water Column Height (ft) 11.55	(Circle One)	4" = 0.66	6" = 1.50	8" = 2.60
One Well Volume (gals.) 1.96	Five Well Volumes (gals.) 9.8			
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: NA
Lock Condition:	OK	Repair Required: NA
Inner Casing Condition:	OK	Repair Required:
Surface Seal Condition:	OK	Repair Required:

Other:

Purge Information

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

Well Volume	Gallons Purged (gal)	Temperature (deg C)	Specific Conductivity (mS/cm)	Turbidity (NTUs)	Comments
1.96	~2	50.0	1.40	178	
	~4	50.9	1.44	20.3	
	~6	51.3	1.44	158	
	~8				

Water Level After Purging (TOR ft): Calculated 95% Recovery Water Level:

Comments:

Sampling Information

Date: 1/13/09	Time Sampled: 1420	Field Personnel: R C Becken	
Measured Water Level (TOR ft.): 24.42			

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

Sample I.D.	Temperature (deg C)	pH (S.U.)	Specific Conductivity (mS/cm)	Turbidity (NTUs)	Comments
B-22	50.9	7.23	1.40	52.4	

QA/QC Samples Taken:

Comments:

Signature

Sampler (Print): Richard C. Becken	Sampler (signature): Richard C Becken	Date: 1/13/09

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

Monitoring Well I.D.: B-23 | Date: 1/13/09 | Time Started: 11:50 | Field Personnel: RC Becken

Weather Conditions: snow cold

Comments:

Initial Readings

Measured Well Bottom (TOR - ft)	31.76	Riser Pipe Diameter (in)	2 in.	
Measured Water Level (TOR - ft)	22.85	Conversion Factor (gal/lineal ft)	1.25" = 0.08	2" = 0.17 (circled)	3" = 0.38
Calculated Water Column Height (ft)	8.91	(Circle One)	4" = 0.66	6" = 1.50	8" = 2.60
One Well Volume (gals.)	1.5	Five Well Volumes (gals.)	7.5		

Notes:

Well Conditions

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 | Other: | Sample Pump (If Pumping Wells Only)

Well Volume	Gallons Purged (gal)	Temperature (deg C)	Specific Conductivity (mS/cm)	Turbidity (NTU's)	Comments
1.5	1.5	47.3	1.24	337	
	3.0	48.9	1.24	434	
	5.0	49.2	1.20	261	
	6.5	49.0	1.20	180	

Water Purging (TOR ft): | Calculated 85% Recovery Water Level:

Sampling Information

1/13/09 | Time Sampled: 12:25 | Field Personnel: R C Becken

Measured Water Level (TOR ft.): 22.9

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

Sample I.D.	Temperature (deg C)	pH (S.U.)	Specific Conductivity (mS/cm)	Turbidity (NTU's)	Comments
B-23	46.0	7.34	1.23	155	

Samples Taken: MS, MSD

Signature

Sampler (Print): Richard O. Becken | Sampler (signature): Richard O Becken | Date: 1/13/09

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

Monitoring Well I.D.: B-24	Date: 1/13/09	Time Started: 1040	Field Personnel: RC Becken
Weather Conditions: snow cold			
Comments:			

Initial Readings

Measured Well Bottom (TOR - ft) 26.6	Riser Pipe Diameter (in) 2 in.			
Measured Water Level (TOR - ft) 12.14	Conversion Factor (gal/lineal ft)	1.25" = 0.08	2" = 0.17	3" = 0.38
Calculated Water Column Height (ft) 14.40	(Circle One)	4" = 0.66	6" = 1.50	8" = 2.60
One Well Volume (gals.) 2.46	Five Well Volumes (gals.) 12.29			
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 (NTUs)	Comments
2.46	~2.5	47.6	1.04	13	
	~5	47.9	1.09	4.3	
	~7.5	47.7	0.91	3.8	
	~9	47.7	0.97	3.34	

Water Level After Purging (TOR ft):

Calculated 95% Recovery Water Level:

Comments:

Sampling Information

Date: 1/13/09	Time Sampled: 1100	Field Personnel: R C Becken
Measured Water Level (TOR ft.): 12.28		

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

Sample I.D.	Temperature (deg C)	pH (S.U.)	Specific Conductivity (mS/cm)	Turbidity (NTUs)	Comments
B-24	43.3	7.77	0.58	40.5	

QA/QC Samples Taken: Field Dup #1

Comments:

Signature

Sampler (Print): Richard C. Becken	Sampler (signature): R C Becken	Date: 1/13/09

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

Monitoring Well I.D.: B-25	Date: 1/13/09	Time Started: 1430	Field Personnel: RC Becken
Weather Conditions: snow windy cold			
Comments:			

Initial Readings

Measured Well Bottom (TOR - ft) 34.75	Riser Pipe Diameter (in) 2 in.			
Measured Water Level (TOR - ft) 24.9	Conversion Factor (gal/lineal ft)	1.25" = 0.08	(2" = 0.17)	3" = 0.38
Calculated Water Column Height (ft) 9.85	(Circle One)	4" = 0.66	6" = 1.50	8" = 2.60
One Well Volume (gals.) 1.67	Five Well Volumes (gals.) 8.37			
Notes:				

Well Conditions

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

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

Other:

Purge Information

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

Well Volume	Gallons Purged (gal)	Temperature (deg C)	Specific Conductivity (mS/cm)	Turbidity (NTU's)	Comments
1.67	~1.67	50.1	1.06	1000+	
	~3.34	50.3	1.09	1000+	
	~5.01	50.2	1.10	1000+	
	~6.68				

Water Level After Purging (TOR ft): Calculated 95% Recovery Water Level:
Comments:

Sampling Information

Date: 1/13/09	Time Sampled: 1505	Field Personnel:	R C Becken
Measured Water Level (TOR ft.): 26.13			

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

Sample I.D.	Temperature (deg C)	pH (S.U.)	Specific Conductivity (mS/cm)	Turbidity (NTU's)	Comments
B-25	49.5	7.21	1.09	527	

QA/QC Samples Taken:
Comments:

Signature

Sampler (Print): Richard C. Becken	Sampler (signature): Richard C Becken	Date: 1/13/09

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

Monitoring Well I.D.: B-38	Date: 1/24/09	Time Started: 1330	Field Personnel: RC Becken
Weather Conditions: light snow, cold, windy ~10°			
Comments:			

Initial Readings

Measured Well Bottom (TOR - ft) 41.22	Riser Pipe Diameter (in) 2 in.			
Measured Water Level (TOR - ft) 28.31	Conversion Factor (gal/lineal ft)	1.25" = 0.08	(2" = 0.17)	3" = 0.38
Calculated Water Column Height (ft) 12.91	(Circle One)	4" = 0.66	6" = 1.50	8" = 2.60
One Well Volume (gals.) 2.19	FiveWell Volumes (gals.) 10.9			
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
2.19	~2.2	44.6	1.19	110	
	~4.4	48.6	1.22	13	
	~6.6	49	1.23	32.1	
	~8.8	48.6	1.20	28.6	

Comments:

Sampling Information

Date: 1/24/09	Time Sampled: 1420	Field Personnel:	R C Becken
Measured Water Level (TOR ft.): 28.57			

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

Sample I.D.	Temperature (deg C)	pH (S.U.)	Specific Conductivity (mS/cm)	Turbidity (NTU's)	Comments
B-38	49.7	6.95	1.22	12.6	

QA/QC Samples Taken:

Comments:

Signature

Sampler (Print): Richard C. Becken	Sampler (signature): Richard C Becken	Date: 1/24/09

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

Monitoring Well I.D.: B-39	Date: 1/28/09	Time Started: 0945	Field Personnel: RC Becken
Weather Conditions: cold 8" snow			
Comments:			

Initial Readings

Measured Well Bottom (TOR - ft) 44.85	Riser Pipe Diameter (in) 2 in.			
Measured Water Level (TOR - ft) 14.18	Conversion Factor (gal/lineal ft)	1.25" = 0.08	(2" = 0.17)	3" = 0.38
Calculated Water Column Height (ft) 30.67	(Circle One)	4" = 0.66	6" = 1.50	8" = 2.60
One Well Volume (gals.) 5.2	FiveWell Volumes (gals.) 26.1			
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
5.2	~5.2	46.9	1.07	3.8	
	~10.4	48.7	1.06	1.7	
	~15.6	48.9	1.05	1.0	
	~20.8	49.7	1.01	1.4	

Comments:

Sampling Information

Date: 1/28/09	Time Sampled: 10:20	Field Personnel:	R C Becken
Measured Water Level (TOR ft.): 14.32			

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	47.1	7.13	1.12	15	

QA/QC Samples Taken: Field Dup #3
Comments:

Signature

Sampler (Print): Richard C. Becken	Sampler (signature): Richard C Becken	Date: 1/28/09

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

Monitoring Well I.D.: B-40	Date: 1/20/09	Time Started: 1410	Field Personnel: RC Becken
Weather Conditions: light snow 20°			
Comments:			

Initial Readings

Measured Well Bottom (TOR - ft) 57.91	Riser Pipe Diameter (in) 2 in.			
Measured Water Level (TOR - ft) 15.04	Conversion Factor (gal/lineal ft)	1.25" = 0.08	(2" = 0.17)	3" = 0.38
Calculated Water Column Height (ft) 42.87	(Circle One)	4" = 0.66	6" = 1.50	8" = 2.60
One Well Volume (gals.) 7.3	FiveWell Volumes (gals.) 36.4			
Notes:				

Well Conditions

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

Purge Information

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

Well Volume	Gallons Purged (gal)	Temperature (deg.C)	Specific Conductivity (mS/cm)	Turbidity (NTU's)	Comments
~~7.3~~	~7.3	46.6	1.30	7.9	
	~14.6	49.8	1.14	1.3	
	~22	49.6	1.14	1.6	
	~30	49.5	1.12	1.1	

Comments: water level after purging 37 gal was 30.46'

Sampling Information

Date: 1/21/09	Time Sampled: 0935	Field Personnel:	R C Becken
Measured Water Level (TOR ft.): 15.01			

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-40	48.7	7.19	1.33	4.3	

QA/QC Samples Taken:
Comments:

Signature

Sampler (Print): Richard C. Becken	Sampler (signature): Richard C Becken	Date: 1/21/09

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

Monitoring Well I.D.: B-41	Date: 11/20/09	Time Started: 1300	Field Personnel: RC Becken
Weather Conditions: light snow 22°			
Comments:			

Initial Readings

Measured Well Bottom (TOR - ft) 72.6	Riser Pipe Diameter (in) 2 in.			
Measured Water Level (TOR - ft) 16.65	Conversion Factor (gal/lineal ft)	1.25" = 0.08	(2" = 0.17)	3" = 0.38
Calculated Water Column Height (ft) 55.95	(Circle One)	4" = 0.66	6" = 1.50	8" = 2.60
One Well Volume (gals.) 9.5	FiveWell Volumes (gals.) 47.5			
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, 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
9.5	~9.5	54.5	1.58	20	
	~19	48.2	1.48	2.3	
	~27	48.9	1.63	1.9	
	~36.5	49.8	1.77	1.7	

Comments: water level after purging 48 gals was 26.15'

Sampling Information

Date: 11/20/09	Time Sampled: 0925	Field Personnel: R C Becken	
Measured Water Level (TOR ft.): 16.93			

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-41	43.7	6.98	1.45	4.84	

QA/QC Samples Taken:

Comments:

Signature

Sampler (Print): Richard C. Becken	*Sampler (signature):* Richard C Becken	Date: 11/20/09

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

Monitoring Well I.D.: B-42	Date: 1/20/09	Time Started: 1205	Field Personnel: RC Becken
Weather Conditions: sunny, light snow cold			
Comments:			

Initial Readings

Measured Well Bottom (TOR - ft) 45.4	Riser Pipe Diameter (in) 2 in.			
Measured Water Level (TOR - ft) 11.99	Conversion Factor (gal/lineal ft)	1.25" = 0.08	(2" = 0.17)	3" = 0.38
Calculated Water Column Height (ft) 33.41	(Circle One)	4" = 0.66	6" = 1.50	8" = 2.60
One Well Volume (gals.) 5.68	FiveWell Volumes (gals.) 28.4			
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, Teflon Bailer, Peristaltic Pump, Polyethylene Bailer, Sample Port (Pumping Wells Only), Other: Pump pump

Well Volume	Gallons Purged (gal)	Temperature (deg C)	Specific Conductivity (mS/cm)	Turbidity (NTU's)	Comments
5.68	~5.75	54.1	1.07	3.7	
	~11.50	53.1	1.07	4.2	
	~17.25	53.3	1.03	2.9	
	~22.75	52.5	1.07	1.9	

Comments:

Sampling Information

Date: 1-20-09	Time Sampled: 1310	Field Personnel: R C Becken
Measured Water Level (TOR ft.): 12.72		

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-42	48.1	7.13	.09	9.1	

QA/QC Samples Taken:

Comments:

Signature

Sampler (Print): Richard C. Becken	Sampler (signature): Richard C Becken	Date: 1/20/09

MONITORING WELL SAMPLING FIELD FORM
FORMER CARBORUNDUM FACILITY
SANBORN, NEW YORK

Monitoring Well ID: B-43	Date: 1/15/09	Time Started: 1145	Field Personnel: RC Becken
Weather Conditions: clear cold			
Comments:			

Initial Readings

Meaured Well Bottom (TOR - ft) 58.85	River Pipe Diameter (in) 2			
Measured Water Level (TOR - ft) 13.77	Conversion Factor (gal/lineal ft)	1.25" = 0.08	2" = 0.17	3" = 0.38
Calculated Water Column Height (ft) 45.08	(Circle One)	4" = 0.88	6" = 1.50	8" = 2.60
One Well Volume (gals.) 7.7	~~Three~~ Well Volumes (gals.) 5V = 38.3			
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

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

Well Volume	Gallons Purged (gal)	Temperature (deg C)	Specific Conductivity (mS/cm)	Turbidity (NTU's)	Comments
7.7	~7.7	49.8	1.91	1466	
	~15.4	50.8	2.06	30.7	~~well~~ dry at ~20 gal
	~23				
	~				

Water Level After Pumping (TOR ft): Calculated 95% Recovery Water Level:
Comments:

Sampling Information

Date: 1/15/09	Time Sampled: 1415	Field Personnel: RC Becken
Measured Water Level (TOR ft.): 25.55		

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

Sample I.D.	Temperature (deg C)	pH	Specific Conductivity (mS/cm)	Turbidity (NTU's)	Comments
B-43	50.5	7.44	1.63	18	

QA/QC Samples Taken: MS + MSD
Comments:

Signature

Sampler (Print): Richard C. Becken Sampler (signature): Richard C Becken Date: 1/15/09

MONITORING WELL SAMPLING FIELD FORM
FORMER CARBORUNDUM FACILITY
SANBORN, NEW YORK

Monitoring Well ID: B-44	Date: 11/15/09	Time Started: 1100	Field Personnel: RC Becker
Weather Conditions: clear cold			
Comments:			

Initial Readings

Measured Well Bottom (TOR - ft) 84.5	River Pipe Diameter (in)			
Measured Water Level (TOR - ft) 15.98	Conversion Factor (gal/lineal ft)	1.25" = 0.08	2" = 0.17	3" = 0.38
Calculated Water Column Height (ft) 68.52	(Circle One)	4" = 0.66	6" = 1.50	8" = 2.60
One Well Volume (gals.) 11.65	Three Well Volumes (gals.) 58.24			
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

Pumping 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
11.65	~11.65	44.5	1.17	8.34	
	~23.0	49.5	2.83	406	
	~27.0	50.1	2.87	413	well dry

Water Level After Pumping (TOR ft):	Calculated 95% Recovery Water Level:
Comments.	

Sampling Information

Date: 11/15/09	Time Sampled: 1355	Field Personnel: RC Becker
Measured Water Level (TOR ft.): 40.34		

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

Sample I.D.	Temperature (deg C)	pH	Specific Conductivity (mS/cm)	Turbidity (NTU's)	Comments
B-44	51.2	7.17	2.90	49.1	

QA/QC Samples Taken:	
Comments:	

Signature

Sampler (Print): Richard C. Becken *Sampler (signature):* Richard C Becker Date: 11/15/09

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

Monitoring Well I.D.: B-48	Date: 11/14/09	Time Started: 1245	Field Personnel: RC Becken
Weather Conditions: clear cold 8°			
Comments:			

Initial Readings

Measured Well Bottom (TOR - ft) 46.88	Riser Pipe Diameter (in) 2 in.			
Measured Water Level (TOR - ft) 13.04	Conversion Factor (gal/lineal ft)	1.25" = 0.08	(2" = 0.17)	3" = 0.38
Calculated Water Column Height (ft) 33.84	(Circle One)	4" = 0.66	6" = 1.50	8" = 2.60
One Well Volume (gals.) 5.8	Five Well Volumes (gals.) 28.8			
Notes:				

Well Conditions

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

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

Other:

Purge Information

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

Well Volume	Gallons Purged (gal)	Temperature (deg C)	Specific Conductivity (mS/cm)	Turbidity (NTUs)	Comments
5.8	~5.8	48.7	1.05	7.03	
	~11.6	48.9	1.01	2.5	
	~17	49.1	1.03	2.2	
	~23	49.5	0.97	1.3	

Water Level After Purging (TOR ft): Calculated 95% Recovery Water Level:
Comments:

Sampling Information

Date: 11/9/08	Time Sampled: 1320	Field Personnel: R C Becken	
Measured Water Level (TOR ft): 13.11			

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

Sample I.D.	Temperature (deg C)	pH (S.U.)	Specific Conductivity (mS/cm)	Turbidity (NTUs)	Comments
B-48	47.8	7.3	1.05	46	

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

Signature

Sampler (Print): Richard C. Becken	Sampler (signature): Richard C Becken	Date: 11/14/09

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

Monitoring Well I.D.: B-49	Date: 1/14/09	Time Started: 1035	Field Personnel: RC Becken
Weather Conditions: clear cold 6°			
Comments:			

Initial Readings

Measured Well Bottom (TOR - ft)	82.51	Riser Pipe Diameter (in)	2 in.		
Measured Water Level (TOR - ft)	23.23	Conversion Factor (gal/lineal ft)	1.25" = 0.08	2" = 0.17	3" = 0.38
Calculated Water Column Height (ft)	59.28	(Circle One)	4" = 0.66	6" = 1.50	8" = 2.60
One Well Volume (gals.)	10.0	Five Well Volumes (gals.)	50		
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
10	10	47.7	3.07	19.1	
	20	48.1	2.96	4.48	
	30	48.6	3.01	3.27	
	40	48.8	3.03	1.53	

Water Level After Purging (TOR ft): Calculated 95% Recovery Water Level:

Comments:

Sampling Information

Date: 1/14/09	Time Sampled: 1150	Field Personnel:	R C Becken

Measured Water Level (TOR ft.): 36.2

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-49	48.0	7.07	3.02	1.63	

QA/QC Samples Taken:

Comments:

Signature

Sampler (Print): Richard C. Becken	Sampler (signature): Richard C Becken	Date: 1/14/09	

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

Monitoring Well I.D.: B-56	Date: 1/13/09	Time Started: 0995	Field Personnel: RC Becken
Weather Conditions: snow cold			
Comments:			

Initial Readings

Measured Well Bottom (TOR - ft) 34.61	Riser Pipe Diameter (in) 2 in.				
Measured Water Level (TOR - ft) 22.19	Conversion Factor (gal/lineal ft)	1.25" = 0.08	(2" = 0.17)	3" = 0.38	
Calculated Water Column Height (ft) 17.42	(Circle One)	4" = 0.66	6" = 1.50	8" = 2.60	
One Well Volume (gals.) 2.96	Five Well 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) Peristaltic Pump Sample Port (Pumping Wells Only)
Teflon Bailer Polyethylene Bailer Other: Purge Pump

Well Volume	Gallons Purged (gal)	Temperature (deg C)	Specific Conductivity (mS/cm)	Turbidity (NTU's)	Comments
2.96	~3	47.0	1.19	65	
	~6	47.6	1.09	31	
	~9	47.8	1.00	14	
	~12	48.1	.99	8.5	

Water Level After Purging (TOR ft):
Calculated 95% Recovery Water Level:
Comments:

Sampling Information

Date: 1/13/09	Time Sampled: 1030	Field Personnel: R.C Becken	
Measured Water Level (TOR ft.): 22.25			

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-56	48.2	7.68	1.23	65	

QA/QC Samples Taken:
Comments:

Signature

Sampler (Print): Richard C. Becken	Sampler (signature): R C Becken	Date: 1/13/09

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

Monitoring Well I.D.: B-57	Date: 1/13/09	Time Started: 0915	Field Personnel: RC Becken
Weather Conditions: sunny cold			
Comments:			

Initial Readings

Measured Well Bottom (TOR - ft) 50.51	Riser Pipe Diameter (in) 2 in.			
Measured Water Level (TOR - ft) 24.43	Conversion Factor (gal/lineal ft) (Circle One)	1.25" = 0.08	2" = 0.17	3" = 0.38
Calculated Water Column Height (ft) 26.08		4" = 0.66	6" = 1.50	8" = 2.60
One Well Volume (gals.) 4.4	Five Well Volumes (gals.) 22.1			
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
4.4	4.4	52.3	2.37	22	
	8.8	50.1	2.40	40	well dry

Water Level After Purging (TOR ft): Calculated 95% Recovery Water Level:
Comments:

Sampling Information

Date: 1/13/09 Time Sampled: 1145 Field Personnel: R C Becken
Measured Water Level (TOR ft.): 40.85
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-57	47.9	7.1	2.32	78.4	

QA/QC Samples Taken:
Comments:

Signature

Sampler (Print): Richard C. Becken	Sampler (signature): Richard C Becken	Date: 1/13/09

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

Monitoring Well I.D.: P-2	Date: 1/26/09	Time Started:	Field Personnel: RC Becken
Weather Conditions: Cold 40° inside			
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: NA
Paint Condition:	OK	Repair Required: NA
Lock Condition:	OK	Repair Required:
Inner Casing Condition:	OK	Repair Required:
Surface Seal Condition:	OK	Repair Required:
Other:		

Purge Information

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

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

Comments:

Sampling Information

Date: 1/26/09	Time Sampled: 1035	Field Personnel:	R C Becken
Measured Water Level (TOR ft.): 19.26			

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
P-2	49.5	7.35	1.10	8.2	

QA/QC Samples Taken:
Comments:

Signature

Sampler (Print): Richard C. Becken	Sampler (signature): Richard C Becken	Date: 1/26/09

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

Monitoring Well I.D.: P-3	Date: 1/20/09	Time Started: 1100	Field Personnel: RC Becken
Weather Conditions: Cold windy ~10°			
Comments:			

Initial Readings

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

Well Conditions

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

Purge Information

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

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

Comments:

Sampling Information

Date: 1/20/09	Time Sampled: 1100	Field Personnel:	R C Becken
Measured Water Level (TOR ft.): 28.3			

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

Sample I.D.	Temperature (deg C)	pH (S.U.)	Specific Conductivity (mS/cm)	Turbidity (NTU's)	Comments
P-#3	47.1	7.58	1.64	4.2	

QA/QC Samples Taken:
Comments:

Signature

Sampler (Print): Richard C. Becken	Sampler (signature): Richard C Becken	Date: 1/20/09

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

Monitoring Well I.D.: P-4	Date: 1/14/09	Time Started:	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) 21.65	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.)	Five Well 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

Water Level After Purging (TOR ft): Calculated 95% Recovery Water Level:

Comments:

Sampling Information

Date: 1/14/09 Time Sampled: 1130 Field Personnel: R C Becken

Measured Water Level (TOR ft): 21.65

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	46.0	7.74	1.22	5.38	

QA/QC Samples Taken:

Comments:

Signature

Sampler (Print): Richard C. Becken Sampler (signature): R C Becken Date: 1/14/09

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

Monitoring Well I.D.: PW-1	Date: 1/13/09	Time Started: 1515	Field Personnel: RC Becken
Weather Conditions: snow windy cold			
Comments:			

Initial Readings

Measured Well Bottom (TOR - ft)	Riser Pipe Diameter (in) 3 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.)	Five Well Volumes (gals.)			
Notes:				

Well Conditions

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

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

Other:

Purge Information

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

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

Water Level After Purging (TOR ft): Calculated 95% Recovery Water Level:
Comments:

Sampling Information

Date: 1/13/09 Time Sampled: 1515 Field Personnel: R C Becken
Measured Water Level (TOR ft.):
Sampling Method (Circle one): Stainless Steel Bailer Peristaltic Pump (Sample Port (Pumping Wells Only))
Teflon Bailer Polyethylene Bailer Other:

Sample I.D.	Temperature (deg C)	pH (S.U.)	Specific Conductivity (mS/cm)	Turbidity (NTU's)	Comments
PW-1	5.1.8	7.43	[illegible]	5.1	
			0.88		

QA/QC Samples Taken:
Comments:

Signature

Sampler (Print): Richard C. Becken Sampler (signature): Richard C Becken Date: 1/13/09

MONITORING WELL SAMPLING FIELD FORM
FORMER CARBORUNDUM FACILITY
SANBORN, NEW YORK

Monitoring Well ID: PW-3	Date: 1/15/09	Time Started: 1020	Field Personnel: RC Becken
Weather Conditions: snow cold 4°			
Comments:			

Initial Readings

Measured Well Bottom (TOR - ft)	River Pipe Diameter (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" = 0.88	6" = 1.50	8" = 2.60
One Well Volume (gals.)	Three Well Volumes (gals.) 5V =			
Notes:				

Well Conditions

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

Purge Information

Pumping 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

Water Level After Pumping (TOR ft):	Calculated 95% Recovery Water Level:
Comments:	

Sampling Information

Date: 1/15/09	Time Sampled: 1020	Field Personnel: RC Becken
Measured Water Level (TOR ft.): 3.03		

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

Sample I.D.	Temperature (deg C)	pH	Specific Conductivity (mS/cm)	Turbidity (NTU's)	Comments
PW-3	44.0	7.38	2.42	17.2	

QA/QC Samples Taken: [redacted]
Comments:

Signature

Sampler (Print): Richard C. Becken *Sampler (signature):* Richard C Becken Date: 1/15/09

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

Monitoring Well I.D.: PW-4	Date: 1/28/09	Time Started: 1045	Field Personnel: RC Becken
Weather Conditions: cold 10° windy			
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: NA
Paint Condition:	OK	Repair Required: NA
Lock Condition:	(OK)	Repair Required:
Inner Casing Condition:	(OK)	Repair Required:
Surface Seal Condition:	(OK)	Repair Required:
Other:		

Purge Information

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

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

Comments:

Sampling Information

Date: 1/28/09	Time Sampled: 10:45	Field Personnel:	R C Becken
Measured Water Level (TOR ft.): 10.11			

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

Sample I.D.	Temperature (deg.C)	pH (S.U.)	Specific Conductivity (mS/cm)	Turbidity (NTU's)	Comments
PW-4	50.8	7.08	0.79	4.3	

QA/QC Samples Taken:
Comments:

Signature

Sampler (Print): Richard C. Becken	Sampler (signature): Richard C Becken	Date: 1/28/09

APPENDIX B

LABORATORY DATA REPORTS

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

ANALYTICAL RESULTS

Prepared for:

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

281-366-2000

Prepared by:

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

SAMPLE GROUP

The sample group for this submittal is 1128041. Samples arrived at the laboratory on Wednesday, January 14, 2009. The PO# for this group is ENFOS and the release number is BARBER.

Client Description	Lancaster Labs Number
B-22 Water	5576505
B-21 Water	5576506
B-28 Water	5576507
PW-1 Water	5576508
B-23 Water	5576509
B-23 Matrix Spike Water	5576510
B-23 Matrix Spike Dup Water	5576511
B-56 Water	5576512
Field Dup#1 Water	5576513
B-24 Water	5576514
B-57 Water	5576515

1 COPY TO	Parsons	Attn: George Hermance
ELECTRONIC COPY TO	Parsons	Attn: Lorraine Weber

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

Questions? Contact your Client Services Representative
Jessica A Oknefski at (717) 656-2300

Respectfully Submitted,

Marla S. Lord
Senior Specialist

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

Lancaster Laboratories Sample No. 5576505 WW Group No. 1128041

B-22 Water
BP Sanborn COC: 181164
2040 Cory Dr - Sanborn, NY B-22

Collected:01/13/2009 14:20 by RCB Account Number: 12495

Submitted: 01/14/2009 09:00
Reported: 01/23/2009 at 11:38
Discard: 02/23/2009

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

CDB22

CAT No.	Analysis Name	CAS Number	As Received Result		As Received Method Detection Limit*	As Received Limit of Quantitation	Units	Dilution Factor
00310	8260B water special scan							
02281	Benzyl Chloride	100-44-7	N.D.		1.0	5.0	ug/l	1
05422	Bromobenzene	108-86-1	N.D.		1.0	5.0	ug/l	1
05432	1,3-Dichlorobenzene	541-73-1	N.D.		1.0	5.0	ug/l	1
05433	1,4-Dichlorobenzene	106-46-7	N.D.		1.0	5.0	ug/l	1
05435	1,2-Dichlorobenzene	95-50-1	N.D.		1.0	5.0	ug/l	1
07583	2-Chloroethyl Vinyl Ether	110-75-8	N.D.		2.0	10	ug/l	1
	2-Chloroethyl vinyl ether may not be recovered if acid was used to preserve this sample.							
06886	Appendix IX by 8260 - water							
05384	Dichlorodifluoromethane	75-71-8	N.D.		2.0	5.0	ug/l	1
05385	Chloromethane	74-87-3	N.D.		1.0	5.0	ug/l	1
05386	Vinyl Chloride	75-01-4	1.0	J	1.0	5.0	ug/l	1
05387	Bromomethane	74-83-9	N.D.		1.0	5.0	ug/l	1
05388	Chloroethane	75-00-3	N.D.		1.0	5.0	ug/l	1
05389	Trichlorofluoromethane	75-69-4	N.D.		2.0	5.0	ug/l	1
05390	1,1-Dichloroethene	75-35-4	2.0	J	0.80	5.0	ug/l	1
05391	Methylene Chloride	75-09-2	N.D.		2.0	5.0	ug/l	1
05392	trans-1,2-Dichloroethene	156-60-5	14		0.80	5.0	ug/l	1
05393	1,1-Dichloroethane	75-34-3	3.1	J	1.0	5.0	ug/l	1
05395	cis-1,2-Dichloroethene	156-59-2	460		4.0	25	ug/l	5
05396	Chloroform	67-66-3	N.D.		0.80	5.0	ug/l	1
05398	1,1,1-Trichloroethane	71-55-6	N.D.		0.80	5.0	ug/l	1
05399	Carbon Tetrachloride	56-23-5	N.D.		1.0	5.0	ug/l	1
05402	1,2-Dichloroethane	107-06-2	N.D.		1.0	5.0	ug/l	1
05403	Trichloroethene	79-01-6	120		1.0	5.0	ug/l	1
05404	1,2-Dichloropropane	78-87-5	N.D.		1.0	5.0	ug/l	1
05405	Dibromomethane	74-95-3	N.D.		1.0	5.0	ug/l	1
05406	Bromodichloromethane	75-27-4	N.D.		1.0	5.0	ug/l	1
05408	1,1,2-Trichloroethane	79-00-5	N.D.		0.80	5.0	ug/l	1
05409	Tetrachloroethene	127-18-4	N.D.		0.80	5.0	ug/l	1
05411	Dibromochloromethane	124-48-1	N.D.		1.0	5.0	ug/l	1
05413	Chlorobenzene	108-90-7	N.D.		0.80	5.0	ug/l	1

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

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Analysis Report

Lancaster Laboratories Sample No. 5576505 WW Group No. 1128041

B-22 Water
BP Sanborn COC: 181164
2040 Cory Dr - Sanborn, NY B-22

Collected:01/13/2009 14:20 by RCB Account Number: 12495

Submitted: 01/14/2009 09:00
Reported: 01/23/2009 at 11:38
Discard: 02/23/2009

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

CDB22

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit*	As Received Limit of Quantitation	Units	Dilution Factor
05414	1,1,1,2-Tetrachloroethane	630-20-6	N.D.	1.0	5.0	ug/l	1
05419	Bromoform	75-25-2	N.D.	1.0	5.0	ug/l	1
05421	1,1,2,2-Tetrachloroethane	79-34-5	N.D.	1.0	5.0	ug/l	1
05423	1,2,3-Trichloropropane	96-18-4	N.D.	1.0	5.0	ug/l	1
06306	trans-1,3-Dichloropropene	10061-02-6	N.D.	1.0	5.0	ug/l	1
06307	cis-1,3-Dichloropropene	10061-01-5	N.D.	1.0	5.0	ug/l	1

The pH of the GC/MS volatile fraction was pH = 7 at the time of analysis.

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

Laboratory Chronicle

CAT No.	Analysis Name	Method	Trial#	Analysis Date and Time	Analyst	Dilution Factor
00310	8260B water special scan	SW-846 8260B	1	01/16/2009 15:30	Derek S Reese	1
06886	Appendix IX by 8260 - water	SW-846 8260B	1	01/16/2009 15:30	Derek S Reese	1
06886	Appendix IX by 8260 - water	SW-846 8260B	1	01/20/2009 15:20	Derek S Reese	5
01163	GC/MS VOA Water Prep	SW-846 5030B	1	01/16/2009 15:30	Derek S Reese	1
01163	GC/MS VOA Water Prep	SW-846 5030B	2	01/20/2009 15:20	Derek S Reese	5

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

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Analysis Report

Lancaster Laboratories Sample No. 5576506 WW Group No. 1128041

B-21 Water
BP Sanborn COC: 181164
2040 Cory Dr - Sanborn, NY B-21

Collected:01/13/2009 13:30 by RCB Account Number: 12495

Submitted: 01/14/2009 09:00
Reported: 01/23/2009 at 11:38
Discard: 02/23/2009

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

CDB21

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit*	As Received Limit of Quantitation	Units	Dilution Factor
00310	8260B water special scan						
02281	Benzyl Chloride	100-44-7	N.D.	1.0	5.0	ug/l	1
05422	Bromobenzene	108-86-1	N.D.	1.0	5.0	ug/l	1
05432	1,3-Dichlorobenzene	541-73-1	N.D.	1.0	5.0	ug/l	1
05433	1,4-Dichlorobenzene	106-46-7	N.D.	1.0	5.0	ug/l	1
05435	1,2-Dichlorobenzene	95-50-1	N.D.	1.0	5.0	ug/l	1
07583	2-Chloroethyl Vinyl Ether	110-75-8	N.D.	2.0	10	ug/l	1
	2-Chloroethyl vinyl ether may not be recovered if acid was used to preserve this sample.						
06886	Appendix IX by 8260 - water						
05384	Dichlorodifluoromethane	75-71-8	N.D.	2.0	5.0	ug/l	1
05385	Chloromethane	74-87-3	N.D.	1.0	5.0	ug/l	1
05386	Vinyl Chloride	75-01-4	N.D.	1.0	5.0	ug/l	1
05387	Bromomethane	74-83-9	N.D.	1.0	5.0	ug/l	1
05388	Chloroethane	75-00-3	N.D.	1.0	5.0	ug/l	1
05389	Trichlorofluoromethane	75-69-4	N.D.	2.0	5.0	ug/l	1
05390	1,1-Dichloroethene	75-35-4	N.D.	0.80	5.0	ug/l	1
05391	Methylene Chloride	75-09-2	N.D.	2.0	5.0	ug/l	1
05392	trans-1,2-Dichloroethene	156-60-5	N.D.	0.80	5.0	ug/l	1
05393	1,1-Dichloroethane	75-34-3	N.D.	1.0	5.0	ug/l	1
05395	cis-1,2-Dichloroethene	156-59-2	N.D.	0.80	5.0	ug/l	1
05396	Chloroform	67-66-3	N.D.	0.80	5.0	ug/l	1
05398	1,1,1-Trichloroethane	71-55-6	N.D.	0.80	5.0	ug/l	1
05399	Carbon Tetrachloride	56-23-5	N.D.	1.0	5.0	ug/l	1
05402	1,2-Dichloroethane	107-06-2	N.D.	1.0	5.0	ug/l	1
05403	Trichloroethene	79-01-6	N.D.	1.0	5.0	ug/l	1
05404	1,2-Dichloropropane	78-87-5	N.D.	1.0	5.0	ug/l	1
05405	Dibromomethane	74-95-3	N.D.	1.0	5.0	ug/l	1
05406	Bromodichloromethane	75-27-4	N.D.	1.0	5.0	ug/l	1
05408	1,1,2-Trichloroethane	79-00-5	N.D.	0.80	5.0	ug/l	1
05409	Tetrachloroethene	127-18-4	N.D.	0.80	5.0	ug/l	1
05411	Dibromochloromethane	124-48-1	N.D.	1.0	5.0	ug/l	1
05413	Chlorobenzene	108-90-7	N.D.	0.80	5.0	ug/l	1

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

Lancaster Laboratories Sample No. 5576506 WW Group No. 1128041

B-21 Water
BP Sanborn COC: 181164
2040 Cory Dr - Sanborn, NY B-21

Collected:01/13/2009 13:30 by RCB Account Number: 12495

Submitted: 01/14/2009 09:00
Reported: 01/23/2009 at 11:38
Discard: 02/23/2009

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

CDB21

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit*	As Received Limit of Quantitation	Units	Dilution Factor
05414	1,1,1,2-Tetrachloroethane	630-20-6	N.D.	1.0	5.0	ug/l	1
05419	Bromoform	75-25-2	N.D.	1.0	5.0	ug/l	1
05421	1,1,2,2-Tetrachloroethane	79-34-5	N.D.	1.0	5.0	ug/l	1
05423	1,2,3-Trichloropropane	96-18-4	N.D.	1.0	5.0	ug/l	1
06306	trans-1,3-Dichloropropene	10061-02-6	N.D.	1.0	5.0	ug/l	1
06307	cis-1,3-Dichloropropene	10061-01-5	N.D.	1.0	5.0	ug/l	1

The pH of the GC/MS volatile fraction was pH = 7 at the time of analysis.

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

Laboratory Chronicle

CAT No.	Analysis Name	Method	Trial#	Analysis Date and Time	Analyst	Dilution Factor
00310	8260B water special scan	SW-846 8260B	1	01/16/2009 15:53	Derek S Reese	1
06886	Appendix IX by 8260 - water	SW-846 8260B	1	01/16/2009 15:53	Derek S Reese	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	01/16/2009 15:53	Derek S Reese	1

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

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Analysis Report

Lancaster Laboratories Sample No. 5576507 WW Group No. 1128041

B-28 Water
BP Sanborn COC: 181164
2040 Cory Dr - Sanborn, NY B-28

Collected:01/13/2009 15:05 by RCB Account Number: 12495

Submitted: 01/14/2009 09:00
Reported: 01/23/2009 at 11:38
Discard: 02/23/2009

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

CDB28

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit*	As Received Limit of Quantitation	Units	Dilution Factor
00310	8260B water special scan						
02281	Benzyl Chloride	100-44-7	N.D.	1.0	5.0	ug/l	1
05422	Bromobenzene	108-86-1	N.D.	1.0	5.0	ug/l	1
05432	1,3-Dichlorobenzene	541-73-1	N.D.	1.0	5.0	ug/l	1
05433	1,4-Dichlorobenzene	106-46-7	N.D.	1.0	5.0	ug/l	1
05435	1,2-Dichlorobenzene	95-50-1	N.D.	1.0	5.0	ug/l	1
07583	2-Chloroethyl Vinyl Ether	110-75-8	N.D.	2.0	10	ug/l	1
	2-Chloroethyl vinyl ether may not be recovered if acid was used to preserve this sample.						
06886	Appendix IX by 8260 - water						
05384	Dichlorodifluoromethane	75-71-8	N.D.	2.0	5.0	ug/l	1
05385	Chloromethane	74-87-3	N.D.	1.0	5.0	ug/l	1
05386	Vinyl Chloride	75-01-4	N.D.	1.0	5.0	ug/l	1
05387	Bromomethane	74-83-9	N.D.	1.0	5.0	ug/l	1
05388	Chloroethane	75-00-3	N.D.	1.0	5.0	ug/l	1
05389	Trichlorofluoromethane	75-69-4	N.D.	2.0	5.0	ug/l	1
05390	1,1-Dichloroethene	75-35-4	N.D.	0.80	5.0	ug/l	1
05391	Methylene Chloride	75-09-2	N.D.	2.0	5.0	ug/l	1
05392	trans-1,2-Dichloroethene	156-60-5	N.D.	0.80	5.0	ug/l	1
05393	1,1-Dichloroethane	75-34-3	N.D.	1.0	5.0	ug/l	1
05395	cis-1,2-Dichloroethene	156-59-2	N.D.	0.80	5.0	ug/l	1
05396	Chloroform	67-66-3	N.D.	0.80	5.0	ug/l	1
05398	1,1,1-Trichloroethane	71-55-6	N.D.	0.80	5.0	ug/l	1
05399	Carbon Tetrachloride	56-23-5	N.D.	1.0	5.0	ug/l	1
05402	1,2-Dichloroethane	107-06-2	N.D.	1.0	5.0	ug/l	1
05403	Trichloroethene	79-01-6	N.D.	1.0	5.0	ug/l	1
05404	1,2-Dichloropropane	78-87-5	N.D.	1.0	5.0	ug/l	1
05405	Dibromomethane	74-95-3	N.D.	1.0	5.0	ug/l	1
05406	Bromodichloromethane	75-27-4	N.D.	1.0	5.0	ug/l	1
05408	1,1,2-Trichloroethane	79-00-5	N.D.	0.80	5.0	ug/l	1
05409	Tetrachloroethene	127-18-4	N.D.	0.80	5.0	ug/l	1
05411	Dibromochloromethane	124-48-1	N.D.	1.0	5.0	ug/l	1
05413	Chlorobenzene	108-90-7	N.D.	0.80	5.0	ug/l	1

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

Lancaster Laboratories Sample No. 5576507 WW Group No. 1128041

B-28 Water
BP Sanborn COC: 181164
2040 Cory Dr - Sanborn, NY B-28

Collected:01/13/2009 15:05 by RCB Account Number: 12495

Submitted: 01/14/2009 09:00
Reported: 01/23/2009 at 11:38
Discard: 02/23/2009

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

CDB28

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit*	As Received Limit of Quantitation	Units	Dilution Factor
05414	1,1,1,2-Tetrachloroethane	630-20-6	N.D.	1.0	5.0	ug/l	1
05419	Bromoform	75-25-2	N.D.	1.0	5.0	ug/l	1
05421	1,1,2,2-Tetrachloroethane	79-34-5	N.D.	1.0	5.0	ug/l	1
05423	1,2,3-Trichloropropane	96-18-4	N.D.	1.0	5.0	ug/l	1
06306	trans-1,3-Dichloropropene	10061-02-6	N.D.	1.0	5.0	ug/l	1
06307	cis-1,3-Dichloropropene	10061-01-5	N.D.	1.0	5.0	ug/l	1

The pH of the GC/MS volatile fraction was pH = 7 at the time of analysis.

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

Laboratory Chronicle

CAT No.	Analysis Name	Method	Trial#	Analysis Date and Time	Analyst	Dilution Factor
00310	8260B water special scan	SW-846 8260B	1	01/16/2009 16:16	Derek S Reese	1
06886	Appendix IX by 8260 - water	SW-846 8260B	1	01/16/2009 16:16	Derek S Reese	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	01/16/2009 16:16	Derek S Reese	1

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

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Analysis Report

Lancaster Laboratories Sample No. 5576508 WW Group No. 1128041

PW-1 Water
BP Sanborn COC: 181164
2040 Cory Dr - Sanborn, NY PW-1

Collected:01/13/2009 15:15 by RCB Account Number: 12495

Submitted: 01/14/2009 09:00
Reported: 01/23/2009 at 11:38
Discard: 02/23/2009

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

CDPW1

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit*	As Received Limit of Quantitation	Units	Dilution Factor
00310	8260B water special scan						
02281	Benzyl Chloride	100-44-7	N.D.	1.0	5.0	ug/l	1
05422	Bromobenzene	108-86-1	N.D.	1.0	5.0	ug/l	1
05432	1,3-Dichlorobenzene	541-73-1	N.D.	1.0	5.0	ug/l	1
05433	1,4-Dichlorobenzene	106-46-7	N.D.	1.0	5.0	ug/l	1
05435	1,2-Dichlorobenzene	95-50-1	N.D.	1.0	5.0	ug/l	1
07583	2-Chloroethyl Vinyl Ether	110-75-8	N.D.	2.0	10	ug/l	1
	2-Chloroethyl vinyl ether may not be recovered if acid was used to preserve this sample.						
06886	Appendix IX by 8260 - water						
05384	Dichlorodifluoromethane	75-71-8	N.D.	2.0	5.0	ug/l	1
05385	Chloromethane	74-87-3	N.D.	1.0	5.0	ug/l	1
05386	Vinyl Chloride	75-01-4	30	1.0	5.0	ug/l	1
05387	Bromomethane	74-83-9	N.D.	1.0	5.0	ug/l	1
05388	Chloroethane	75-00-3	N.D.	1.0	5.0	ug/l	1
05389	Trichlorofluoromethane	75-69-4	N.D.	2.0	5.0	ug/l	1
05390	1,1-Dichloroethene	75-35-4	5.0	0.80	5.0	ug/l	1
05391	Methylene Chloride	75-09-2	N.D.	2.0	5.0	ug/l	1
05392	trans-1,2-Dichloroethene	156-60-5	5.6	0.80	5.0	ug/l	1
05393	1,1-Dichloroethane	75-34-3	18	1.0	5.0	ug/l	1
05395	cis-1,2-Dichloroethene	156-59-2	570	8.0	50	ug/l	10
05396	Chloroform	67-66-3	N.D.	0.80	5.0	ug/l	1
05398	1,1,1-Trichloroethane	71-55-6	17	0.80	5.0	ug/l	1
05399	Carbon Tetrachloride	56-23-5	N.D.	1.0	5.0	ug/l	1
05402	1,2-Dichloroethane	107-06-2	N.D.	1.0	5.0	ug/l	1
05403	Trichloroethene	79-01-6	2,100	10	50	ug/l	10
05404	1,2-Dichloropropane	78-87-5	N.D.	1.0	5.0	ug/l	1
05405	Dibromomethane	74-95-3	N.D.	1.0	5.0	ug/l	1
05406	Bromodichloromethane	75-27-4	N.D.	1.0	5.0	ug/l	1
05408	1,1,2-Trichloroethane	79-00-5	N.D.	0.80	5.0	ug/l	1
05409	Tetrachloroethene	127-18-4	N.D.	0.80	5.0	ug/l	1
05411	Dibromochloromethane	124-48-1	N.D.	1.0	5.0	ug/l	1
05413	Chlorobenzene	108-90-7	N.D.	0.80	5.0	ug/l	1

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

Lancaster Laboratories Sample No. 5576508 WW Group No. 1128041

PW-1 Water
BP Sanborn COC: 181164
2040 Cory Dr - Sanborn, NY PW-1

Collected:01/13/2009 15:15 by RCB Account Number: 12495

Submitted: 01/14/2009 09:00
Reported: 01/23/2009 at 11:38
Discard: 02/23/2009

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

CDPW1

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit*	As Received Limit of Quantitation	Units	Dilution Factor
05414	1,1,1,2-Tetrachloroethane	630-20-6	N.D.	1.0	5.0	ug/l	1
05419	Bromoform	75-25-2	N.D.	1.0	5.0	ug/l	1
05421	1,1,2,2-Tetrachloroethane	79-34-5	N.D.	1.0	5.0	ug/l	1
05423	1,2,3-Trichloropropane	96-18-4	N.D.	1.0	5.0	ug/l	1
06306	trans-1,3-Dichloropropene	10061-02-6	N.D.	1.0	5.0	ug/l	1
06307	cis-1,3-Dichloropropene	10061-01-5	N.D.	1.0	5.0	ug/l	1

The pH of the GC/MS volatile fraction was pH = 7 at the time of analysis.

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

Laboratory Chronicle

CAT No.	Analysis Name	Method	Trial#	Analysis Date and Time	Analyst	Dilution Factor
00310	8260B water special scan	SW-846 8260B	1	01/16/2009 16:40	Derek S Reese	1
06886	Appendix IX by 8260 - water	SW-846 8260B	1	01/16/2009 16:40	Derek S Reese	1
06886	Appendix IX by 8260 - water	SW-846 8260B	1	01/20/2009 15:43	Derek S Reese	10
01163	GC/MS VOA Water Prep	SW-846 5030B	1	01/16/2009 16:40	Derek S Reese	1
01163	GC/MS VOA Water Prep	SW-846 5030B	2	01/20/2009 15:43	Derek S Reese	10

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

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Analysis Report

Lancaster Laboratories Sample No. 5576509 WW Group No. 1128041

B-23 Water
BP Sanborn COC: 181164
2040 Cory Dr - Sanborn, NY B-23

Collected:01/13/2009 12:25 by RCB Account Number: 12495

Submitted: 01/14/2009 09:00
Reported: 01/23/2009 at 11:38
Discard: 02/23/2009

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

CDB23

CAT No.	Analysis Name	CAS Number	As Received Result		As Received Method Detection Limit*	As Received Limit of Quantitation	Units	Dilution Factor
00310	8260B water special scan							
02281	Benzyl Chloride	100-44-7	N.D.		1.0	5.0	ug/l	1
05422	Bromobenzene	108-86-1	N.D.		1.0	5.0	ug/l	1
05432	1,3-Dichlorobenzene	541-73-1	N.D.		1.0	5.0	ug/l	1
05433	1,4-Dichlorobenzene	106-46-7	N.D.		1.0	5.0	ug/l	1
05435	1,2-Dichlorobenzene	95-50-1	N.D.		1.0	5.0	ug/l	1
07583	2-Chloroethyl Vinyl Ether	110-75-8	N.D.		2.0	10	ug/l	1
	2-Chloroethyl vinyl ether may not be recovered if acid was used to preserve this sample.							
06886	Appendix IX by 8260 - water							
05384	Dichlorodifluoromethane	75-71-8	N.D.		2.0	5.0	ug/l	1
05385	Chloromethane	74-87-3	N.D.		1.0	5.0	ug/l	1
05386	Vinyl Chloride	75-01-4	17		1.0	5.0	ug/l	1
05387	Bromomethane	74-83-9	N.D.		1.0	5.0	ug/l	1
05388	Chloroethane	75-00-3	N.D.		1.0	5.0	ug/l	1
05389	Trichlorofluoromethane	75-69-4	N.D.		2.0	5.0	ug/l	1
05390	1,1-Dichloroethene	75-35-4	0.96	J	0.80	5.0	ug/l	1
05391	Methylene Chloride	75-09-2	N.D.		2.0	5.0	ug/l	1
05392	trans-1,2-Dichloroethene	156-60-5	2.3	J	0.80	5.0	ug/l	1
05393	1,1-Dichloroethane	75-34-3	2.2	J	1.0	5.0	ug/l	1
05395	cis-1,2-Dichloroethene	156-59-2	270		4.0	25	ug/l	5
05396	Chloroform	67-66-3	N.D.		0.80	5.0	ug/l	1
05398	1,1,1-Trichloroethane	71-55-6	N.D.		0.80	5.0	ug/l	1
05399	Carbon Tetrachloride	56-23-5	N.D.		1.0	5.0	ug/l	1
05402	1,2-Dichloroethane	107-06-2	N.D.		1.0	5.0	ug/l	1
05403	Trichloroethene	79-01-6	53		1.0	5.0	ug/l	1
05404	1,2-Dichloropropane	78-87-5	N.D.		1.0	5.0	ug/l	1
05405	Dibromomethane	74-95-3	N.D.		1.0	5.0	ug/l	1
05406	Bromodichloromethane	75-27-4	N.D.		1.0	5.0	ug/l	1
05408	1,1,2-Trichloroethane	79-00-5	N.D.		0.80	5.0	ug/l	1
05409	Tetrachloroethene	127-18-4	N.D.		0.80	5.0	ug/l	1
05411	Dibromochloromethane	124-48-1	N.D.		1.0	5.0	ug/l	1
05413	Chlorobenzene	108-90-7	N.D.		0.80	5.0	ug/l	1

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

Lancaster Laboratories Sample No. 5576509 WW Group No. 1128041

B-23 Water
BP Sanborn COC: 181164
2040 Cory Dr - Sanborn, NY B-23

Collected:01/13/2009 12:25 by RCB Account Number: 12495

Submitted: 01/14/2009 09:00
Reported: 01/23/2009 at 11:38
Discard: 02/23/2009

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

CDB23

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit*	As Received Limit of Quantitation	Units	Dilution Factor
05414	1,1,1,2-Tetrachloroethane	630-20-6	N.D.	1.0	5.0	ug/l	1
05419	Bromoform	75-25-2	N.D.	1.0	5.0	ug/l	1
05421	1,1,2,2-Tetrachloroethane	79-34-5	N.D.	1.0	5.0	ug/l	1
05423	1,2,3-Trichloropropane	96-18-4	N.D.	1.0	5.0	ug/l	1
06306	trans-1,3-Dichloropropene	10061-02-6	N.D.	1.0	5.0	ug/l	1
06307	cis-1,3-Dichloropropene	10061-01-5	N.D.	1.0	5.0	ug/l	1

The pH of the GC/MS volatile fraction was pH = 7 at the time of analysis.

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

Laboratory Chronicle

CAT No.	Analysis Name	Method	Trial#	Analysis Date and Time	Analyst	Dilution Factor
00310	8260B water special scan	SW-846 8260B	1	01/16/2009 17:03	Derek S Reese	1
06886	Appendix IX by 8260 - water	SW-846 8260B	1	01/16/2009 17:03	Derek S Reese	1
06886	Appendix IX by 8260 - water	SW-846 8260B	1	01/19/2009 08:44	Kathrine K Muramatsu	5
01163	GC/MS VOA Water Prep	SW-846 5030B	1	01/16/2009 17:03	Derek S Reese	1
01163	GC/MS VOA Water Prep	SW-846 5030B	2	01/19/2009 08:44	Kathrine K Muramatsu	5

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

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Analysis Report

Lancaster Laboratories Sample No. 5576510 WW Group No. 1128041

B-23 Matrix Spike Water
BP Sanborn COC: 181164
2040 Cory Dr - Sanborn, NY B-23MS

Collected:01/13/2009 12:25 by RCB Account Number: 12495

Submitted: 01/14/2009 09:00
Reported: 01/23/2009 at 11:38
Discard: 02/23/2009

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

CDB23

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit*	As Received Limit of Quantitation	Units	Dilution Factor
00310	8260B water special scan						
02281	Benzyl Chloride	100-44-7	19	1.0	5.0	ug/l	1
05422	Bromobenzene	108-86-1	20	1.0	5.0	ug/l	1
05432	1,3-Dichlorobenzene	541-73-1	20	1.0	5.0	ug/l	1
05433	1,4-Dichlorobenzene	106-46-7	20	1.0	5.0	ug/l	1
05435	1,2-Dichlorobenzene	95-50-1	20	1.0	5.0	ug/l	1
07583	2-Chloroethyl Vinyl Ether	110-75-8	22	2.0	10	ug/l	1
	2-Chloroethyl vinyl ether may not be recovered if acid was used to preserve this sample.						
06886	Appendix IX by 8260 - water						
05384	Dichlorodifluoromethane	75-71-8	14	2.0	5.0	ug/l	1
05385	Chloromethane	74-87-3	14	1.0	5.0	ug/l	1
05386	Vinyl Chloride	75-01-4	27	1.0	5.0	ug/l	1
05387	Bromomethane	74-83-9	14	1.0	5.0	ug/l	1
05388	Chloroethane	75-00-3	14	1.0	5.0	ug/l	1
05389	Trichlorofluoromethane	75-69-4	15	2.0	5.0	ug/l	1
05390	1,1-Dichloroethene	75-35-4	23	0.80	5.0	ug/l	1
05391	Methylene Chloride	75-09-2	21	2.0	5.0	ug/l	1
05392	trans-1,2-Dichloroethene	156-60-5	24	0.80	5.0	ug/l	1
05393	1,1-Dichloroethane	75-34-3	24	1.0	5.0	ug/l	1
05395	cis-1,2-Dichloroethene	156-59-2	320	0.80	5.0	ug/l	1
05396	Chloroform	67-66-3	21	0.80	5.0	ug/l	1
05398	1,1,1-Trichloroethane	71-55-6	23	0.80	5.0	ug/l	1
05399	Carbon Tetrachloride	56-23-5	22	1.0	5.0	ug/l	1
05402	1,2-Dichloroethane	107-06-2	21	1.0	5.0	ug/l	1
05403	Trichloroethene	79-01-6	96	1.0	5.0	ug/l	1
05404	1,2-Dichloropropane	78-87-5	22	1.0	5.0	ug/l	1
05405	Dibromomethane	74-95-3	21	1.0	5.0	ug/l	1
05406	Bromodichloromethane	75-27-4	21	1.0	5.0	ug/l	1
05408	1,1,2-Trichloroethane	79-00-5	21	0.80	5.0	ug/l	1
05409	Tetrachloroethene	127-18-4	22	0.80	5.0	ug/l	1
05411	Dibromochloromethane	124-48-1	21	1.0	5.0	ug/l	1
05413	Chlorobenzene	108-90-7	21	0.80	5.0	ug/l	1

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

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Analysis Report

Lancaster Laboratories Sample No. 5576510 WW Group No. 1128041

B-23 Matrix Spike Water
BP Sanborn COC: 181164
2040 Cory Dr - Sanborn, NY B-23MS

Collected:01/13/2009 12:25 by RCB Account Number: 12495

Submitted: 01/14/2009 09:00
Reported: 01/23/2009 at 11:38
Discard: 02/23/2009

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

CDB23

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit*	As Received Limit of Quantitation	Units	Dilution Factor
05414	1,1,1,2-Tetrachloroethane	630-20-6	21	1.0	5.0	ug/l	1
05419	Bromoform	75-25-2	20	1.0	5.0	ug/l	1
05421	1,1,2,2-Tetrachloroethane	79-34-5	19	1.0	5.0	ug/l	1
05423	1,2,3-Trichloropropane	96-18-4	20	1.0	5.0	ug/l	1
06306	trans-1,3-Dichloropropene	10061-02-6	20	1.0	5.0	ug/l	1
06307	cis-1,3-Dichloropropene	10061-01-5	21	1.0	5.0	ug/l	1

The pH of the GC/MS volatile fraction was pH = 7 at the time of analysis.

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

Laboratory Chronicle

CAT No.	Analysis Name	Method	Trial#	Analysis Date and Time	Analyst	Dilution Factor
00310	8260B water special scan	SW-846 8260B	1	01/16/2009 17:26	Derek S Reese	1
06886	Appendix IX by 8260 - water	SW-846 8260B	1	01/16/2009 17:26	Derek S Reese	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	01/16/2009 17:26	Derek S Reese	1

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

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Analysis Report

Lancaster Laboratories Sample No. 5576511 WW Group No. 1128041

B-23 Matrix Spike Dup Water
BP Sanborn COC: 181164
2040 Cory Dr - Sanborn, NY B-23MSD

Collected:01/13/2009 12:25 by RCB Account Number: 12495

Submitted: 01/14/2009 09:00
Reported: 01/23/2009 at 11:38
Discard: 02/23/2009

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

CDB23

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit*	As Received Limit of Quantitation	Units	Dilution Factor
00310	8260B water special scan						
02281	Benzyl Chloride	100-44-7	19	1.0	5.0	ug/l	1
05422	Bromobenzene	108-86-1	20	1.0	5.0	ug/l	1
05432	1,3-Dichlorobenzene	541-73-1	20	1.0	5.0	ug/l	1
05433	1,4-Dichlorobenzene	106-46-7	19	1.0	5.0	ug/l	1
05435	1,2-Dichlorobenzene	95-50-1	19	1.0	5.0	ug/l	1
07583	2-Chloroethyl Vinyl Ether	110-75-8	22	2.0	10	ug/l	1
	2-Chloroethyl vinyl ether may not be recovered if acid was used to preserve this sample.						
06886	Appendix IX by 8260 - water						
05384	Dichlorodifluoromethane	75-71-8	14	2.0	5.0	ug/l	1
05385	Chloromethane	74-87-3	14	1.0	5.0	ug/l	1
05386	Vinyl Chloride	75-01-4	26	1.0	5.0	ug/l	1
05387	Bromomethane	74-83-9	12	1.0	5.0	ug/l	1
05388	Chloroethane	75-00-3	12	1.0	5.0	ug/l	1
05389	Trichlorofluoromethane	75-69-4	15	2.0	5.0	ug/l	1
05390	1,1-Dichloroethene	75-35-4	23	0.80	5.0	ug/l	1
05391	Methylene Chloride	75-09-2	21	2.0	5.0	ug/l	1
05392	trans-1,2-Dichloroethene	156-60-5	24	0.80	5.0	ug/l	1
05393	1,1-Dichloroethane	75-34-3	24	1.0	5.0	ug/l	1
05395	cis-1,2-Dichloroethene	156-59-2	330	0.80	5.0	ug/l	1
05396	Chloroform	67-66-3	21	0.80	5.0	ug/l	1
05398	1,1,1-Trichloroethane	71-55-6	23	0.80	5.0	ug/l	1
05399	Carbon Tetrachloride	56-23-5	22	1.0	5.0	ug/l	1
05402	1,2-Dichloroethane	107-06-2	21	1.0	5.0	ug/l	1
05403	Trichloroethene	79-01-6	91	1.0	5.0	ug/l	1
05404	1,2-Dichloropropane	78-87-5	21	1.0	5.0	ug/l	1
05405	Dibromomethane	74-95-3	20	1.0	5.0	ug/l	1
05406	Bromodichloromethane	75-27-4	20	1.0	5.0	ug/l	1
05408	1,1,2-Trichloroethane	79-00-5	20	0.80	5.0	ug/l	1
05409	Tetrachloroethene	127-18-4	21	0.80	5.0	ug/l	1
05411	Dibromochloromethane	124-48-1	20	1.0	5.0	ug/l	1
05413	Chlorobenzene	108-90-7	20	0.80	5.0	ug/l	1

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

Lancaster Laboratories Sample No. 5576511 WW Group No. 1128041

B-23 Matrix Spike Dup Water
BP Sanborn COC: 181164
2040 Cory Dr - Sanborn, NY B-23MSD

Collected:01/13/2009 12:25 by RCB Account Number: 12495

Submitted: 01/14/2009 09:00
Reported: 01/23/2009 at 11:38
Discard: 02/23/2009

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

CDB23

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit*	As Received Limit of Quantitation	Units	Dilution Factor
05414	1,1,1,2-Tetrachloroethane	630-20-6	20	1.0	5.0	ug/l	1
05419	Bromoform	75-25-2	20	1.0	5.0	ug/l	1
05421	1,1,2,2-Tetrachloroethane	79-34-5	19	1.0	5.0	ug/l	1
05423	1,2,3-Trichloropropane	96-18-4	19	1.0	5.0	ug/l	1
06306	trans-1,3-Dichloropropene	10061-02-6	20	1.0	5.0	ug/l	1
06307	cis-1,3-Dichloropropene	10061-01-5	20	1.0	5.0	ug/l	1

The pH of the GC/MS volatile fraction was pH = 7 at the time of analysis.

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

Laboratory Chronicle

CAT No.	Analysis Name	Method	Trial#	Analysis Date and Time	Analyst	Dilution Factor
00310	8260B water special scan	SW-846 8260B	1	01/16/2009 17:49	Derek S Reese	1
06886	Appendix IX by 8260 - water	SW-846 8260B	1	01/16/2009 17:49	Derek S Reese	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	01/16/2009 17:49	Derek S Reese	1

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

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Analysis Report

Lancaster Laboratories Sample No. 5576512 WW Group No. 1128041

B-56 Water
BP Sanborn COC: 181164
2040 Cory Dr - Sanborn, NY B-56

Collected:01/13/2009 10:30 by RCB Account Number: 12495

Submitted: 01/14/2009 09:00
Reported: 01/23/2009 at 11:38
Discard: 02/23/2009

Atlantic Richfield(Parsons-NY)
BP Corporation
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Houston TX 77079

CDB56

CAT No.	Analysis Name	CAS Number	As Received Result		As Received Method Detection Limit*	As Received Limit of Quantitation	Units	Dilution Factor
00310	8260B water special scan							
02281	Benzyl Chloride	100-44-7	N.D.		1.0	5.0	ug/l	1
05422	Bromobenzene	108-86-1	N.D.		1.0	5.0	ug/l	1
05432	1,3-Dichlorobenzene	541-73-1	N.D.		1.0	5.0	ug/l	1
05433	1,4-Dichlorobenzene	106-46-7	N.D.		1.0	5.0	ug/l	1
05435	1,2-Dichlorobenzene	95-50-1	N.D.		1.0	5.0	ug/l	1
07583	2-Chloroethyl Vinyl Ether	110-75-8	N.D.		2.0	10	ug/l	1
	2-Chloroethyl vinyl ether may not be recovered if acid was used to preserve this sample.							
06886	Appendix IX by 8260 - water							
05384	Dichlorodifluoromethane	75-71-8	N.D.		2.0	5.0	ug/l	1
05385	Chloromethane	74-87-3	N.D.		1.0	5.0	ug/l	1
05386	Vinyl Chloride	75-01-4	N.D.		1.0	5.0	ug/l	1
05387	Bromomethane	74-83-9	N.D.		1.0	5.0	ug/l	1
05388	Chloroethane	75-00-3	N.D.		1.0	5.0	ug/l	1
05389	Trichlorofluoromethane	75-69-4	N.D.		2.0	5.0	ug/l	1
05390	1,1-Dichloroethene	75-35-4	N.D.		0.80	5.0	ug/l	1
05391	Methylene Chloride	75-09-2	N.D.		2.0	5.0	ug/l	1
05392	trans-1,2-Dichloroethene	156-60-5	N.D.		0.80	5.0	ug/l	1
05393	1,1-Dichloroethane	75-34-3	1.0	J	1.0	5.0	ug/l	1
05395	cis-1,2-Dichloroethene	156-59-2	23		0.80	5.0	ug/l	1
05396	Chloroform	67-66-3	N.D.		0.80	5.0	ug/l	1
05398	1,1,1-Trichloroethane	71-55-6	1.3	J	0.80	5.0	ug/l	1
05399	Carbon Tetrachloride	56-23-5	N.D.		1.0	5.0	ug/l	1
05402	1,2-Dichloroethane	107-06-2	N.D.		1.0	5.0	ug/l	1
05403	Trichloroethene	79-01-6	73		1.0	5.0	ug/l	1
05404	1,2-Dichloropropane	78-87-5	N.D.		1.0	5.0	ug/l	1
05405	Dibromomethane	74-95-3	N.D.		1.0	5.0	ug/l	1
05406	Bromodichloromethane	75-27-4	N.D.		1.0	5.0	ug/l	1
05408	1,1,2-Trichloroethane	79-00-5	N.D.		0.80	5.0	ug/l	1
05409	Tetrachloroethene	127-18-4	N.D.		0.80	5.0	ug/l	1
05411	Dibromochloromethane	124-48-1	N.D.		1.0	5.0	ug/l	1
05413	Chlorobenzene	108-90-7	N.D.		0.80	5.0	ug/l	1

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

Lancaster Laboratories Sample No. 5576512 WW Group No. 1128041

B-56 Water
BP Sanborn COC: 181164
2040 Cory Dr - Sanborn, NY B-56

Collected:01/13/2009 10:30 by RCB Account Number: 12495

Submitted: 01/14/2009 09:00
Reported: 01/23/2009 at 11:38
Discard: 02/23/2009

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

CDB56

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit*	As Received Limit of Quantitation	Units	Dilution Factor
05414	1,1,1,2-Tetrachloroethane	630-20-6	N.D.	1.0	5.0	ug/l	1
05419	Bromoform	75-25-2	N.D.	1.0	5.0	ug/l	1
05421	1,1,2,2-Tetrachloroethane	79-34-5	N.D.	1.0	5.0	ug/l	1
05423	1,2,3-Trichloropropane	96-18-4	N.D.	1.0	5.0	ug/l	1
06306	trans-1,3-Dichloropropene	10061-02-6	N.D.	1.0	5.0	ug/l	1
06307	cis-1,3-Dichloropropene	10061-01-5	N.D.	1.0	5.0	ug/l	1

The pH of the GC/MS volatile fraction was pH = 7 at the time of analysis.

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

Laboratory Chronicle

CAT No.	Analysis Name	Method	Trial#	Analysis Date and Time	Analyst	Dilution Factor
00310	8260B water special scan	SW-846 8260B	1	01/16/2009 18:12	Derek S Reese	1
06886	Appendix IX by 8260 - water	SW-846 8260B	1	01/16/2009 18:12	Derek S Reese	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	01/16/2009 18:12	Derek S Reese	1

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

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Analysis Report

Lancaster Laboratories Sample No. 5576513 WW Group No. 1128041

Field Dup#1 Water
BP Sanborn COC: 181164
2040 Cory Dr - Sanborn, NY Dup#1

Collected:01/13/2009 by RCB

Account Number: 12495

Submitted: 01/14/2009 09:00
Reported: 01/23/2009 at 11:38
Discard: 02/23/2009

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

SDUP1

CAT No.	Analysis Name	CAS Number	As Received Result		As Received Method Detection Limit*	As Received Limit of Quantitation	Units	Dilution Factor
00310	8260B water special scan							
02281	Benzyl Chloride	100-44-7	N.D.		1.0	5.0	ug/l	1
05422	Bromobenzene	108-86-1	N.D.		1.0	5.0	ug/l	1
05432	1,3-Dichlorobenzene	541-73-1	N.D.		1.0	5.0	ug/l	1
05433	1,4-Dichlorobenzene	106-46-7	N.D.		1.0	5.0	ug/l	1
05435	1,2-Dichlorobenzene	95-50-1	N.D.		1.0	5.0	ug/l	1
07583	2-Chloroethyl Vinyl Ether	110-75-8	N.D.		2.0	10	ug/l	1
	2-Chloroethyl vinyl ether may not be recovered if acid was used to preserve this sample.							
06886	Appendix IX by 8260 - water							
05384	Dichlorodifluoromethane	75-71-8	N.D.		2.0	5.0	ug/l	1
05385	Chloromethane	74-87-3	N.D.		1.0	5.0	ug/l	1
05386	Vinyl Chloride	75-01-4	N.D.		1.0	5.0	ug/l	1
05387	Bromomethane	74-83-9	N.D.		1.0	5.0	ug/l	1
05388	Chloroethane	75-00-3	N.D.		1.0	5.0	ug/l	1
05389	Trichlorofluoromethane	75-69-4	N.D.		2.0	5.0	ug/l	1
05390	1,1-Dichloroethene	75-35-4	N.D.		0.80	5.0	ug/l	1
05391	Methylene Chloride	75-09-2	N.D.		2.0	5.0	ug/l	1
05392	trans-1,2-Dichloroethene	156-60-5	N.D.		0.80	5.0	ug/l	1
05393	1,1-Dichloroethane	75-34-3	N.D.		1.0	5.0	ug/l	1
05395	cis-1,2-Dichloroethene	156-59-2	1.1	J	0.80	5.0	ug/l	1
05396	Chloroform	67-66-3	N.D.		0.80	5.0	ug/l	1
05398	1,1,1-Trichloroethane	71-55-6	N.D.		0.80	5.0	ug/l	1
05399	Carbon Tetrachloride	56-23-5	N.D.		1.0	5.0	ug/l	1
05402	1,2-Dichloroethane	107-06-2	N.D.		1.0	5.0	ug/l	1
05403	Trichloroethene	79-01-6	4.1	J	1.0	5.0	ug/l	1
05404	1,2-Dichloropropane	78-87-5	N.D.		1.0	5.0	ug/l	1
05405	Dibromomethane	74-95-3	N.D.		1.0	5.0	ug/l	1
05406	Bromodichloromethane	75-27-4	N.D.		1.0	5.0	ug/l	1
05408	1,1,2-Trichloroethane	79-00-5	N.D.		0.80	5.0	ug/l	1
05409	Tetrachloroethene	127-18-4	N.D.		0.80	5.0	ug/l	1
05411	Dibromochloromethane	124-48-1	N.D.		1.0	5.0	ug/l	1
05413	Chlorobenzene	108-90-7	N.D.		0.80	5.0	ug/l	1

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

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Analysis Report

Lancaster Laboratories Sample No. 5576513 WW Group No. 1128041

Field Dup#1 Water
BP Sanborn COC: 181164
2040 Cory Dr - Sanborn, NY Dup#1

Collected:01/13/2009 by RCB

Account Number: 12495

Submitted: 01/14/2009 09:00
Reported: 01/23/2009 at 11:38
Discard: 02/23/2009

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

SDUP1

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit*	As Received Limit of Quantitation	Units	Dilution Factor
05414	1,1,1,2-Tetrachloroethane	630-20-6	N.D.	1.0	5.0	ug/l	1
05419	Bromoform	75-25-2	N.D.	1.0	5.0	ug/l	1
05421	1,1,2,2-Tetrachloroethane	79-34-5	N.D.	1.0	5.0	ug/l	1
05423	1,2,3-Trichloropropane	96-18-4	N.D.	1.0	5.0	ug/l	1
06306	trans-1,3-Dichloropropene	10061-02-6	N.D.	1.0	5.0	ug/l	1
06307	cis-1,3-Dichloropropene	10061-01-5	N.D.	1.0	5.0	ug/l	1

The pH of the GC/MS volatile fraction was pH = 7 at the time of analysis.

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

Laboratory Chronicle

CAT No.	Analysis Name	Method	Trial#	Analysis Date and Time	Analyst	Dilution Factor
00310	8260B water special scan	SW-846 8260B	1	01/16/2009 18:35	Derek S Reese	1
06886	Appendix IX by 8260 - water	SW-846 8260B	1	01/16/2009 18:35	Derek S Reese	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	01/16/2009 18:35	Derek S Reese	1

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

Lancaster Laboratories

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Analysis Report

Lancaster Laboratories Sample No. 5576514 WW Group No. 1128041

B-24 Water
BP Sanborn COC: 181164
2040 Cory Dr - Sanborn, NY B-24

Collected:01/13/2009 11:00 by RCB Account Number: 12495

Submitted: 01/14/2009 09:00
Reported: 01/23/2009 at 11:38
Discard: 02/23/2009

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

CDB24

CAT No.	Analysis Name	CAS Number	As Received Result		As Received Method Detection Limit*	As Received Limit of Quantitation	Units	Dilution Factor
00310	8260B water special scan							
02281	Benzyl Chloride	100-44-7	N.D.		1.0	5.0	ug/l	1
05422	Bromobenzene	108-86-1	N.D.		1.0	5.0	ug/l	1
05432	1,3-Dichlorobenzene	541-73-1	N.D.		1.0	5.0	ug/l	1
05433	1,4-Dichlorobenzene	106-46-7	N.D.		1.0	5.0	ug/l	1
05435	1,2-Dichlorobenzene	95-50-1	N.D.		1.0	5.0	ug/l	1
07583	2-Chloroethyl Vinyl Ether	110-75-8	N.D.		2.0	10	ug/l	1
	2-Chloroethyl vinyl ether may not be recovered if acid was used to preserve this sample.							
06886	Appendix IX by 8260 - water							
05384	Dichlorodifluoromethane	75-71-8	N.D.		2.0	5.0	ug/l	1
05385	Chloromethane	74-87-3	N.D.		1.0	5.0	ug/l	1
05386	Vinyl Chloride	75-01-4	N.D.		1.0	5.0	ug/l	1
05387	Bromomethane	74-83-9	N.D.		1.0	5.0	ug/l	1
05388	Chloroethane	75-00-3	N.D.		1.0	5.0	ug/l	1
05389	Trichlorofluoromethane	75-69-4	N.D.		2.0	5.0	ug/l	1
05390	1,1-Dichloroethene	75-35-4	N.D.		0.80	5.0	ug/l	1
05391	Methylene Chloride	75-09-2	N.D.		2.0	5.0	ug/l	1
05392	trans-1,2-Dichloroethene	156-60-5	N.D.		0.80	5.0	ug/l	1
05393	1,1-Dichloroethane	75-34-3	N.D.		1.0	5.0	ug/l	1
05395	cis-1,2-Dichloroethene	156-59-2	1.1	J	0.80	5.0	ug/l	1
05396	Chloroform	67-66-3	N.D.		0.80	5.0	ug/l	1
05398	1,1,1-Trichloroethane	71-55-6	N.D.		0.80	5.0	ug/l	1
05399	Carbon Tetrachloride	56-23-5	N.D.		1.0	5.0	ug/l	1
05402	1,2-Dichloroethane	107-06-2	N.D.		1.0	5.0	ug/l	1
05403	Trichloroethene	79-01-6	4.2	J	1.0	5.0	ug/l	1
05404	1,2-Dichloropropane	78-87-5	N.D.		1.0	5.0	ug/l	1
05405	Dibromomethane	74-95-3	N.D.		1.0	5.0	ug/l	1
05406	Bromodichloromethane	75-27-4	N.D.		1.0	5.0	ug/l	1
05408	1,1,2-Trichloroethane	79-00-5	N.D.		0.80	5.0	ug/l	1
05409	Tetrachloroethene	127-18-4	N.D.		0.80	5.0	ug/l	1
05411	Dibromochloromethane	124-48-1	N.D.		1.0	5.0	ug/l	1
05413	Chlorobenzene	108-90-7	N.D.		0.80	5.0	ug/l	1

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

Lancaster Laboratories Sample No. 5576514 WW Group No. 1128041

B-24 Water
BP Sanborn COC: 181164
2040 Cory Dr - Sanborn, NY B-24

Collected:01/13/2009 11:00 by RCB Account Number: 12495

Submitted: 01/14/2009 09:00
Reported: 01/23/2009 at 11:38
Discard: 02/23/2009

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

CDB24

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit*	As Received Limit of Quantitation	Units	Dilution Factor
05414	1,1,1,2-Tetrachloroethane	630-20-6	N.D.	1.0	5.0	ug/l	1
05419	Bromoform	75-25-2	N.D.	1.0	5.0	ug/l	1
05421	1,1,2,2-Tetrachloroethane	79-34-5	N.D.	1.0	5.0	ug/l	1
05423	1,2,3-Trichloropropane	96-18-4	N.D.	1.0	5.0	ug/l	1
06306	trans-1,3-Dichloropropene	10061-02-6	N.D.	1.0	5.0	ug/l	1
06307	cis-1,3-Dichloropropene	10061-01-5	N.D.	1.0	5.0	ug/l	1

The pH of the GC/MS volatile fraction was pH = 7 at the time of analysis.

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

Laboratory Chronicle

CAT No.	Analysis Name	Method	Trial#	Analysis Date and Time	Analyst	Dilution Factor
00310	8260B water special scan	SW-846 8260B	1	01/16/2009 18:59	Derek S Reese	1
06886	Appendix IX by 8260 - water	SW-846 8260B	1	01/16/2009 18:59	Derek S Reese	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	01/16/2009 18:59	Derek S Reese	1

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

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Analysis Report

Lancaster Laboratories Sample No. 5576515 WW Group No. 1128041

B-57 Water
BP Sanborn COC: 181164
2040 Cory Dr - Sanborn, NY B-57

Collected:01/13/2009 11:45 by RCB Account Number: 12495

Submitted: 01/14/2009 09:00
Reported: 01/23/2009 at 11:38
Discard: 02/23/2009

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

CDB57

CAT No.	Analysis Name	CAS Number	As Received Result		As Received Method Detection Limit*	As Received Limit of Quantitation	Units	Dilution Factor
00310	8260B water special scan							
02281	Benzyl Chloride	100-44-7	N.D.		1.0	5.0	ug/l	1
05422	Bromobenzene	108-86-1	N.D.		1.0	5.0	ug/l	1
05432	1,3-Dichlorobenzene	541-73-1	N.D.		1.0	5.0	ug/l	1
05433	1,4-Dichlorobenzene	106-46-7	N.D.		1.0	5.0	ug/l	1
05435	1,2-Dichlorobenzene	95-50-1	N.D.		1.0	5.0	ug/l	1
07583	2-Chloroethyl Vinyl Ether	110-75-8	N.D.		2.0	10	ug/l	1
	2-Chloroethyl vinyl ether may not be recovered if acid was used to preserve this sample.							
06886	Appendix IX by 8260 - water							
05384	Dichlorodifluoromethane	75-71-8	N.D.		2.0	5.0	ug/l	1
05385	Chloromethane	74-87-3	N.D.		1.0	5.0	ug/l	1
05386	Vinyl Chloride	75-01-4	N.D.		1.0	5.0	ug/l	1
05387	Bromomethane	74-83-9	N.D.		1.0	5.0	ug/l	1
05388	Chloroethane	75-00-3	N.D.		1.0	5.0	ug/l	1
05389	Trichlorofluoromethane	75-69-4	N.D.		2.0	5.0	ug/l	1
05390	1,1-Dichloroethene	75-35-4	N.D.		0.80	5.0	ug/l	1
05391	Methylene Chloride	75-09-2	N.D.		2.0	5.0	ug/l	1
05392	trans-1,2-Dichloroethene	156-60-5	N.D.		0.80	5.0	ug/l	1
05393	1,1-Dichloroethane	75-34-3	N.D.		1.0	5.0	ug/l	1
05395	cis-1,2-Dichloroethene	156-59-2	N.D.		0.80	5.0	ug/l	1
05396	Chloroform	67-66-3	N.D.		0.80	5.0	ug/l	1
05398	1,1,1-Trichloroethane	71-55-6	N.D.		0.80	5.0	ug/l	1
05399	Carbon Tetrachloride	56-23-5	N.D.		1.0	5.0	ug/l	1
05402	1,2-Dichloroethane	107-06-2	N.D.		1.0	5.0	ug/l	1
05403	Trichloroethene	79-01-6	1.6	J	1.0	5.0	ug/l	1
05404	1,2-Dichloropropane	78-87-5	N.D.		1.0	5.0	ug/l	1
05405	Dibromomethane	74-95-3	N.D.		1.0	5.0	ug/l	1
05406	Bromodichloromethane	75-27-4	N.D.		1.0	5.0	ug/l	1
05408	1,1,2-Trichloroethane	79-00-5	N.D.		0.80	5.0	ug/l	1
05409	Tetrachloroethene	127-18-4	N.D.		0.80	5.0	ug/l	1
05411	Dibromochloromethane	124-48-1	N.D.		1.0	5.0	ug/l	1
05413	Chlorobenzene	108-90-7	N.D.		0.80	5.0	ug/l	1

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

Lancaster Laboratories Sample No. 5576515 WW Group No. 1128041

B-57 Water
BP Sanborn COC: 181164
2040 Cory Dr - Sanborn, NY B-57

Collected:01/13/2009 11:45 by RCB Account Number: 12495

Submitted: 01/14/2009 09:00
Reported: 01/23/2009 at 11:38
Discard: 02/23/2009

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

CDB57

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit*	As Received Limit of Quantitation	Units	Dilution Factor
05414	1,1,1,2-Tetrachloroethane	630-20-6	N.D.	1.0	5.0	ug/l	1
05419	Bromoform	75-25-2	N.D.	1.0	5.0	ug/l	1
05421	1,1,2,2-Tetrachloroethane	79-34-5	N.D.	1.0	5.0	ug/l	1
05423	1,2,3-Trichloropropane	96-18-4	N.D.	1.0	5.0	ug/l	1
06306	trans-1,3-Dichloropropene	10061-02-6	N.D.	1.0	5.0	ug/l	1
06307	cis-1,3-Dichloropropene	10061-01-5	N.D.	1.0	5.0	ug/l	1

The pH of the GC/MS volatile fraction was pH = 7 at the time of analysis.

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

Laboratory Chronicle

CAT No.	Analysis Name	Method	Trial#	Analysis Date and Time	Analyst	Dilution Factor
00310	8260B water special scan	SW-846 8260B	1	01/16/2009 19:22	Derek S Reese	1
06886	Appendix IX by 8260 - water	SW-846 8260B	1	01/16/2009 19:22	Derek S Reese	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	01/16/2009 19:22	Derek S Reese	1

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

Lancaster Laboratories

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Analysis Report

Quality Control Summary

Client Name: Atlantic Richfield(Parsons-NY) Group Number: 1128041
Reported: 01/23/09 at 11:38 AM

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.

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: W090161AA	Sample number(s): 5576505-5576515								
Benzyl Chloride	N.D.	1.0	5.0	ug/l	99		64-119		
Dichlorodifluoromethane	N.D.	2.0	5.0	ug/l	77		45-158		
Chloromethane	N.D.	1.0	5.0	ug/l	91		47-133		
Vinyl Chloride	N.D.	1.0	5.0	ug/l	79		62-128		
Bromomethane	N.D.	1.0	5.0	ug/l	88		50-128		
Chloroethane	N.D.	1.0	5.0	ug/l	103		56-128		
Trichlorofluoromethane	N.D.	2.0	5.0	ug/l	98		60-137		
1,1-Dichloroethene	N.D.	0.80	5.0	ug/l	85		76-122		
Methylene Chloride	N.D.	2.0	5.0	ug/l	86		85-120		
trans-1,2-Dichloroethene	N.D.	0.80	5.0	ug/l	85		83-117		
1,1-Dichloroethane	N.D.	1.0	5.0	ug/l	85		83-127		
cis-1,2-Dichloroethene	N.D.	0.80	5.0	ug/l	88		84-117		
Chloroform	N.D.	0.80	5.0	ug/l	92		77-125		
1,1,1-Trichloroethane	N.D.	0.80	5.0	ug/l	85		83-127		
Carbon Tetrachloride	N.D.	1.0	5.0	ug/l	87		77-130		
1,2-Dichloroethane	N.D.	1.0	5.0	ug/l	94		69-135		
Trichloroethene	N.D.	1.0	5.0	ug/l	91		87-117		
1,2-Dichloropropane	N.D.	1.0	5.0	ug/l	94		80-117		
Dibromomethane	N.D.	1.0	5.0	ug/l	91		87-117		
Bromodichloromethane	N.D.	1.0	5.0	ug/l	94		83-121		
1,1,2-Trichloroethane	N.D.	0.80	5.0	ug/l	95		86-113		
Tetrachloroethene	N.D.	0.80	5.0	ug/l	89		76-118		
Dibromochloromethane	N.D.	1.0	5.0	ug/l	97		78-119		
Chlorobenzene	N.D.	0.80	5.0	ug/l	92		85-115		
1,1,1,2-Tetrachloroethane	N.D.	1.0	5.0	ug/l	96		83-114		
Bromoform	N.D.	1.0	5.0	ug/l	99		69-118		
1,1,2,2-Tetrachloroethane	N.D.	1.0	5.0	ug/l	98		72-119		
Bromobenzene	N.D.	1.0	5.0	ug/l	95		82-110		
1,2,3-Trichloropropane	N.D.	1.0	5.0	ug/l	98		78-117		
1,3-Dichlorobenzene	N.D.	1.0	5.0	ug/l	95		81-114		
1,4-Dichlorobenzene	N.D.	1.0	5.0	ug/l	99		84-116		
1,2-Dichlorobenzene	N.D.	1.0	5.0	ug/l	97		81-112		
trans-1,3-Dichloropropene	N.D.	1.0	5.0	ug/l	94		79-114		
cis-1,3-Dichloropropene	N.D.	1.0	5.0	ug/l	93		78-114		
2-Chloroethyl Vinyl Ether	N.D.	2.0	10	ug/l	96		51-142		
Batch number: W090191AA	Sample number(s): 5576509								
cis-1,2-Dichloroethene	N.D.	0.80	5.0	ug/l	93		84-117		
Batch number: W090201AA	Sample number(s): 5576505,5576508								
cis-1,2-Dichloroethene	N.D.	0.80	5.0	ug/l	104		84-117		
Trichloroethene	N.D.	1.0	5.0	ug/l	105		87-117		

*- 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: 1128041
Reported: 01/23/09 at 11:38 AM

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: W090161AA	Sample number(s): 5576505-5576515 UNSPK: 5576509								
Benzyl Chloride	94	94	65-119	0	30				
Dichlorodifluoromethane	71	68	52-192	4	30				
Chloromethane	72	70	58-157	3	30				
Vinyl Chloride	52*	48*	68-147	3	30				
Bromomethane	71	61	54-140	15	30				
Chloroethane	68	61	60-140	11	30				
Trichlorofluoromethane	76	75	68-163	1	30				
1,1-Dichloroethene	111	109	87-145	1	30				
Methylene Chloride	104	106	79-133	1	30				
trans-1,2-Dichloroethene	107	107	82-133	0	30				
1,1-Dichloroethane	107	106	85-135	0	30				
cis-1,2-Dichloroethene	81 (2)	92 (2)	83-126	1	30				
Chloroform	107	105	83-139	2	30				
1,1,1-Trichloroethane	116	113	81-142	3	30				
Carbon Tetrachloride	108	108	82-149	0	30				
1,2-Dichloroethane	107	106	70-143	1	30				
Trichloroethene	216*	193*	83-136	5	30				
1,2-Dichloropropane	108	103	83-129	4	30				
Dibromomethane	106	100	82-128	6	30				
Bromodichloromethane	106	102	80-137	4	30				
1,1,2-Trichloroethane	104	99	77-125	5	30				
Tetrachloroethene	110	104	78-133	5	30				
Dibromochloromethane	103	99	80-128	4	30				
Chlorobenzene	103	100	83-120	3	30				
1,1,1,2-Tetrachloroethane	104	98	83-119	6	30				
Bromoform	98	98	64-119	0	30				
1,1,2,2-Tetrachloroethane	95	94	73-121	2	30				
Bromobenzene	98	99	83-121	0	30				
1,2,3-Trichloropropane	100	93	73-125	7	30				
1,3-Dichlorobenzene	98	98	79-123	0	30				
1,4-Dichlorobenzene	98	97	81-122	1	30				
1,2-Dichlorobenzene	98	96	82-117	2	30				
trans-1,3-Dichloropropene	100	99	77-123	1	30				
cis-1,3-Dichloropropene	103	102	72-124	1	30				
2-Chloroethyl Vinyl Ether	108	108	1-156	0	30				
Batch number: W090191AA	Sample number(s): 5576509 UNSPK: P578309								
cis-1,2-Dichloroethene	107	108	83-126	0	30				
Batch number: W090201AA	Sample number(s): 5576505,5576508 UNSPK: P578878								
cis-1,2-Dichloroethene	114	102	83-126	11	30				
Trichloroethene	118	108	83-136	10	30				

Surrogate Quality Control

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

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

Quality Control Summary

Client Name: Atlantic Richfield(Parsons-NY) Group Number: 1128041
Reported: 01/23/09 at 11:38 AM

Surrogate Quality Control

Analysis Name: Appendix IX by 8260 - water
Batch number: W090161AA

	Dibromofluoromethane	1,2-Dichloroethane-d4	Toluene-d8	4-Bromofluorobenzene
5576505	99	101	98	93
5576506	98	96	97	93
5576507	98	98	98	94
5576508	99	97	98	93
5576509	96	98	98	92
5576510	100	101	101	101
5576511	101	96	100	99
5576512	98	96	98	95
5576513	99	98	99	95
5576514	97	97	97	93
5576515	99	96	97	92
Blank	99	98	98	96
LCS	98	98	99	99
MS	100	101	101	101
MSD	101	96	100	99
Limits:	80-116	77-113	80-113	78-113

Analysis Name: TCL by 8260 (water)
Batch number: W090191AA

	Dibromofluoromethane	1,2-Dichloroethane-d4	Toluene-d8	4-Bromofluorobenzene
Blank	95	92	95	93
LCS	98	100	98	100
MS	98	94	98	99
MSD	99	97	98	100
Limits:	80-116	77-113	80-113	78-113

Analysis Name: 8260 Master Scan (water)
Batch number: W090201AA

	Dibromofluoromethane	1,2-Dichloroethane-d4	Toluene-d8	4-Bromofluorobenzene
Blank	99	97	96	96
LCS	100	98	96	99
MS	101	100	97	99
MSD	99	95	97	101
Limits:	80-116	77-113	80-113	78-113

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

Case Narrative

Project Name: BP Sanborn
LLI Group #: 1128041

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 Chronicle 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.

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:

06886: Appendix IX by 8260 - water

Batch #: W090161AA (Sample number(s): 5576505-5576515 UNSPK: 5576509)

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

Sample #s: 5576505, 5576506, 5576507, 5576508, 5576509, 5576510, 5576511, 5576512, 5576513, 5576514, 5576515

The pH of the GC/MS volatile fraction was pH = 7 at the time of analysis.

Acct#12495 Grp#1128041 Sample#5576505-16

181164

Page 1 of 2

Atlantic Richfield Company

bp

A BP affiliated company

Chain of Custody Record

Project Name: BP, Sanborn, NY

BP BU/AR Region/Enfos Segment:

State or Lead Regulatory Agency:

Requested Due Date (mm/dd/yy):

On-site Time:	Temp:
Off-site Time:	Temp:
Sky Conditions:	
Meteorological Events:	
Wind Speed:	Direction:

Lab Name: Lancaster Labs	BP/AR Facility No.:	Consultant/Contractor: Parsons
Address: 2425 New Holland Pike, Lancaster, Pa 17605-3425	BP/AR Facility Address: 2040 Cory Dr. Sanborn, NY	Address: 40 La Riviera Pr. Suite 350, Buffalo, NY 14202
Lab PM: Jessica Oknefski	Site Lat/Long:	
Tele/Fax: 717 656-2300 x1815	California Global ID No.:	Consultant/Contractor Project No.: 44183.0103
BP/AR EBM: William Barber	Enfos Project No.: 00190-0126	Consultant/Contractor PM: George Hermasse
Address: 4850 E 49th St. MBC-3, Cuyahoga Heights, OH 44125	Provision or OOC (circle one)	Tele/Fax: (716) 407-4990
Tele/Fax: (216) 271-8038	Phase/WBS: 40	Report Type & QC Level:
	Sub Phase/Task: 03	E-mail EDD To: Lorraine Weber
	Cost Element: 01	Invoice to: Consultant ~~or BP or Atlantic Richfield Co~~ (circle one)

Item No.	Sample Description	Time	Date	Matrix: Soil/Solid	Matrix: Water/Liquid	Matrix: Air	Laboratory No.	No. of Containers	Preservative: Unpreserved	Preservative: H_2SO_4	Preservative: HNO_3	Preservative: HCl	Preservative: Methanol	Requested Analysis: 8260	Sample Point Lat/Long and Comments
1	B-22	1420	1/13/09		X			3	✓					✓	
2	B-21	1330	1/13/09		X			3	✓					✓	
3	B-28	1505	1/13/09		X			3	✓					✓	
4	PW-1	1515	1/13/09		X			3	✓					✓	
5	B-23	1225	1/13/09		X			3	✓					✓	
6	B-23 MS	1225	1/13/09		X			3	✓					✓	
7	B-23 MSD	1225	1/13/09		X			3	✓					✓	
8	B-56	0830	1/13/09		X			3	✓					✓	
9	Field Dup*1		1/13/09		X			3	✓					✓	
10	B-24	1100	1/13/09		X			3	✓					✓	

Sampler's Name: Richard C Baker	Relinquished By / Affiliation	Date	Time	Accepted By / Affiliation	Date	Time
Sampler's Company: D&M Enterprises Inc.	Richard C Baker	1/13/09	1800			
Shipment Date: 1/13/09						
Shipment Method: Fed Ex						
Shipment Tracking No: 865755462059				Con-Test LLC	1/14/09	0900

Special Instructions:

Custody Seals In Place: (Yes) / No | Temp Blank: (Yes) / No | Cooler Temp on Receipt: 4.5 °F/(C) | Trip Blank: (Yes) / No | MS/MSD Sample Submitted: (Yes) / No

Acct # 12495 Grp # 1128041 Sample # 5576505-16 192814 SCK # 70586

Page 2 of 2

Atlantic Richfield Company
A BP affiliated company

Laboratory Management Program LaMP Chain of Custody Record

BP/ARC Project Name: _____ Req Due Date (mm/dd/yy): _____ Rush TAT: Yes ___ No ___

BP/ARC Facility No: _____ Lab Work Order Number: _____

Lab Name: Lancaster Lab	BP/ARC Facility Address: 2040 Cory Dr. ~~Sanborn, NY~~	Consultant/Contractor: Parsons
Lab Address: 2425 New Holland Pike, Lancaster PA 17605	City, State, ZIP Code: Sanborn, NY 14132	Consultant/Contractor Project No: 444183.01035
Lab PM: Jessica Oknefski	Lead Regulatory Agency: NYSDEC	Address: 40 La Riviera Dr. Suite 350, Buffalo, NY 14202
Lab Phone: (717) 656-2300 x1815	California Global ID No.:	Consultant/Contractor PM: George Hermance
Lab Shipping Accnt:	Enfos Proposal No: 001QD-0126	Phone: (716) 407-4990
Lab Bottle Order No:	Accounting Mode: (Provision) ___ OOC-BU ___ OOC-RM ___	Email EDD To: Lorraine Weber
Other Info:	Stage: Activity:	Invoice To: (BP/ARC) ___ Contractor ___

BP/ARC EBM: William Barber

EBM Phone: (216) 271-8038

EBM Email:

Lab No.	Sample Description	Date	Time	Matrix: Soil / Solid	Matrix: Water / Liquid	Matrix: Air / Vapor	No. Containers / Preservative: Total Number of Containers	Unpreserved	H_2SO_4	HNO_3	HCl	Methanol	Requested Analyses: 8260	Report Type & QC Level
	B-57	11/13/09	1145		X		3	X					✓	Standard ___ Full Data Package ___

Comments

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

Sampler's Name: Richard C Becker	Relinquished By / Affiliation	Date	Time	Accepted By / Affiliation	Date	Time
Sampler's Company: O&M Enterprises Inc.	[signature] LLS	11-9-09	0759			
Shipment Method: Fed Ex Ship Date: 11/13/09	[signature] Richard C Becker	11/13/09	1800			
Shipment Tracking No: 865755462059				[signature] LLS	11/14/09	0800

Special Instructions:

THIS LINE - LAB USE ONLY: Custody Seals In Place: (Yes) / No | Temp Blank: (Yes) / No | Cooler Temp on Receipt: 4.3 °F/(C) | Trip Blank: (Yes) / No | MS/MSD Sample Submitted: (Yes) / No

Lancaster Laboratories
2425 New Holland Pike • Lancaster, PA 17601

Environmental Sample Administration
Receipt Documentation Log

Client/Project: Parsons

Date of Receipt: 1/14/09

Time of Receipt: 0900

Source Code: 501

Unpacker Emp. No.: 2316

Shipping Container Sealed: (YES) NO

Custody Seal Present: (YES) NO

Custody Seal Intact: (YES) NO NA

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	CH2497S	4.5°C	TB	WI	Y	B	
2							
3							
4							
5							
6							

Number of Trip Blanks received NOT listed on chain of custody: 3 2 KMZ
(3) 1-14-09

Paperwork Discrepancy/Unpacking Problems:

Sample Administration Internal Chain of Custody			
Name	Date	Time	Reason for Transfer
[signature]	1/14/09	1240	Unpacking / to storage
Kristin Zeigler	1-14-09	1256	Place in Storage or (Entry)
			Entry
			Entry

Lancaster Laboratories
Explanation of Symbols and Abbreviations

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

N.D.	none detected	**BMQL**	Below Minimum Quantitation Level
TNTC	Too Numerous To Count	**MPN**	Most Probable Number
IU	International Units	**CP Units**	cobalt-chloroplatinate units
umhos/cm	micromhos/cm	**NTU**	nephelometric turbidity units
C	degrees Celsius	**F**	degrees Fahrenheit
Cal	(diet) calories	**lb.**	pound(s)
meq	milliequivalents	**kg**	kilogram(s)
g	gram(s)	**mg**	milligram(s)
ug	microgram(s)	**l**	liter(s)
ml	milliliter(s)	**ul**	microliter(s)
m3	cubic meter(s)	**fib >5 um/ml**	fibers greater than 5 microns in length per ml

< 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

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.

U.S. EPA 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 quatitated on a diluted sample
E	Concentration exceeds the calibration range of the instrument
J	Estimated value
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 amount 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 for methods listed on the laboratories' accreditation scope meet all requirements of NELAC unless otherwise noted under the individual analysis.

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.

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Analysis Report

ANALYTICAL RESULTS

Prepared for:

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

281-366-2000

Prepared by:

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

SAMPLE GROUP

The sample group for this submittal is 1128253. Samples arrived at the laboratory on Thursday, January 15, 2009. The PO# for this group is ENFOS and the release number is BARBER.

Client Description	Lancaster Labs Number
P-4 Water	5577587
B-49 Water	5577588
B-19 Water	5577589
B-13 Water	5577590
B-48 Water	5577591
B-17 Water	5577592
Field Dup#2 Water	5577593

1 COPY TO	Parsons	Attn: George Hermance
ELECTRONIC COPY TO	Parsons	Attn: Lorraine Weber

Lancaster Laboratories

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Analysis Report

Questions? Contact your Client Services Representative
Jessica A Oknefski at (717) 656-2300

Respectfully Submitted,

Marla S. Lord
Senior Specialist

Lancaster Laboratories

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Analysis Report

Lancaster Laboratories Sample No. 5577587 WW Group No. 1128253

P-4 Water
BP Sanborn COC: 192813
2040 Cory Dr - Sanborn, NY P-4

Collected:01/14/2009 11:30 by RCB Account Number: 12495

Submitted: 01/15/2009 09:20
Reported: 01/29/2009 at 12:50
Discard: 03/01/2009

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

CDSP4

CAT No.	Analysis Name	CAS Number	As Received Result		As Received Method Detection Limit*	As Received Limit of Quantitation	Units	Dilution Factor
00310	8260B water special scan							
02281	Benzyl Chloride	100-44-7	N.D.		1.0	5.0	ug/l	1
05422	Bromobenzene	108-86-1	N.D.		1.0	5.0	ug/l	1
05432	1,3-Dichlorobenzene	541-73-1	N.D.		1.0	5.0	ug/l	1
05433	1,4-Dichlorobenzene	106-46-7	N.D.		1.0	5.0	ug/l	1
05435	1,2-Dichlorobenzene	95-50-1	N.D.		1.0	5.0	ug/l	1
07583	2-Chloroethyl Vinyl Ether	110-75-8	N.D.		2.0	10	ug/l	1
	2-Chloroethyl vinyl ether may not be recovered if acid was used to preserve this sample.							
06886	Appendix IX by 8260 - water							
05384	Dichlorodifluoromethane	75-71-8	N.D.		2.0	5.0	ug/l	1
05385	Chloromethane	74-87-3	N.D.		1.0	5.0	ug/l	1
05386	Vinyl Chloride	75-01-4	2.0	J	1.0	5.0	ug/l	1
05387	Bromomethane	74-83-9	N.D.		1.0	5.0	ug/l	1
05388	Chloroethane	75-00-3	N.D.		1.0	5.0	ug/l	1
05389	Trichlorofluoromethane	75-69-4	N.D.		2.0	5.0	ug/l	1
05390	1,1-Dichloroethene	75-35-4	7.9		0.80	5.0	ug/l	1
05391	Methylene Chloride	75-09-2	N.D.		2.0	5.0	ug/l	1
05392	trans-1,2-Dichloroethene	156-60-5	11		0.80	5.0	ug/l	1
05393	1,1-Dichloroethane	75-34-3	24		1.0	5.0	ug/l	1
05395	cis-1,2-Dichloroethene	156-59-2	720		16	100	ug/l	20
05396	Chloroform	67-66-3	N.D.		0.80	5.0	ug/l	1
05398	1,1,1-Trichloroethane	71-55-6	38		0.80	5.0	ug/l	1
05399	Carbon Tetrachloride	56-23-5	N.D.		1.0	5.0	ug/l	1
05402	1,2-Dichloroethane	107-06-2	N.D.		1.0	5.0	ug/l	1
05403	Trichloroethene	79-01-6	1,200		20	100	ug/l	20
05404	1,2-Dichloropropane	78-87-5	N.D.		1.0	5.0	ug/l	1
05405	Dibromomethane	74-95-3	N.D.		1.0	5.0	ug/l	1
05406	Bromodichloromethane	75-27-4	N.D.		1.0	5.0	ug/l	1
05408	1,1,2-Trichloroethane	79-00-5	N.D.		0.80	5.0	ug/l	1
05409	Tetrachloroethene	127-18-4	N.D.		0.80	5.0	ug/l	1
05411	Dibromochloromethane	124-48-1	N.D.		1.0	5.0	ug/l	1
05413	Chlorobenzene	108-90-7	N.D.		0.80	5.0	ug/l	1

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

Lancaster Laboratories

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Analysis Report

Lancaster Laboratories Sample No. 5577587 WW Group No. 1128253

P-4 Water
BP Sanborn COC: 192813
2040 Cory Dr - Sanborn, NY P-4

Collected:01/14/2009 11:30 by RCB Account Number: 12495

Submitted: 01/15/2009 09:20
Reported: 01/29/2009 at 12:50
Discard: 03/01/2009

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

CDSP4

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit*	As Received Limit of Quantitation	Units	Dilution Factor
05414	1,1,1,2-Tetrachloroethane	630-20-6	N.D.	1.0	5.0	ug/l	1
05419	Bromoform	75-25-2	N.D.	1.0	5.0	ug/l	1
05421	1,1,2,2-Tetrachloroethane	79-34-5	N.D.	1.0	5.0	ug/l	1
05423	1,2,3-Trichloropropane	96-18-4	N.D.	1.0	5.0	ug/l	1
06306	trans-1,3-Dichloropropene	10061-02-6	N.D.	1.0	5.0	ug/l	1
06307	cis-1,3-Dichloropropene	10061-01-5	N.D.	1.0	5.0	ug/l	1

The pH of the GC/MS volatile fraction was pH = 7 at the time of analysis.

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

Laboratory Chronicle

CAT No.	Analysis Name	Method	Trial#	Analysis Date and Time	Analyst	Dilution Factor
00310	8260B water special scan	SW-846 8260B	1	01/20/2009 20:35	Kristen D Pelliccia	1
06886	Appendix IX by 8260 - water	SW-846 8260B	1	01/20/2009 20:35	Kristen D Pelliccia	1
06886	Appendix IX by 8260 - water	SW-846 8260B	1	01/23/2009 18:53	Derek S Reese	20
01163	GC/MS VOA Water Prep	SW-846 5030B	1	01/20/2009 20:35	Kristen D Pelliccia	1
01163	GC/MS VOA Water Prep	SW-846 5030B	2	01/23/2009 18:53	Derek S Reese	20

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

Lancaster Laboratories

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Analysis Report

Lancaster Laboratories Sample No. 5577588 WW Group No. 1128253

B-49 Water
BP Sanborn COC: 192813
2040 Cory Dr - Sanborn, NY B-49

Collected:01/14/2009 11:50 by RCB Account Number: 12495

Submitted: 01/15/2009 09:20
Reported: 01/29/2009 at 12:50
Discard: 03/01/2009

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

CSB49

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit*	As Received Limit of Quantitation	Units	Dilution Factor
00310	8260B water special scan						
02281	Benzyl Chloride	100-44-7	N.D.	1.0	5.0	ug/l	1
05422	Bromobenzene	108-86-1	N.D.	1.0	5.0	ug/l	1
05432	1,3-Dichlorobenzene	541-73-1	N.D.	1.0	5.0	ug/l	1
05433	1,4-Dichlorobenzene	106-46-7	N.D.	1.0	5.0	ug/l	1
05435	1,2-Dichlorobenzene	95-50-1	N.D.	1.0	5.0	ug/l	1
07583	2-Chloroethyl Vinyl Ether	110-75-8	N.D.	2.0	10	ug/l	1
	2-Chloroethyl vinyl ether may not be recovered if acid was used to preserve this sample.						
06886	Appendix IX by 8260 - water						
05384	Dichlorodifluoromethane	75-71-8	N.D.	2.0	5.0	ug/l	1
05385	Chloromethane	74-87-3	N.D.	1.0	5.0	ug/l	1
05386	Vinyl Chloride	75-01-4	N.D.	1.0	5.0	ug/l	1
05387	Bromomethane	74-83-9	N.D.	1.0	5.0	ug/l	1
05388	Chloroethane	75-00-3	N.D.	1.0	5.0	ug/l	1
05389	Trichlorofluoromethane	75-69-4	N.D.	2.0	5.0	ug/l	1
05390	1,1-Dichloroethene	75-35-4	N.D.	0.80	5.0	ug/l	1
05391	Methylene Chloride	75-09-2	N.D.	2.0	5.0	ug/l	1
05392	trans-1,2-Dichloroethene	156-60-5	N.D.	0.80	5.0	ug/l	1
05393	1,1-Dichloroethane	75-34-3	N.D.	1.0	5.0	ug/l	1
05395	cis-1,2-Dichloroethene	156-59-2	N.D.	0.80	5.0	ug/l	1
05396	Chloroform	67-66-3	N.D.	0.80	5.0	ug/l	1
05398	1,1,1-Trichloroethane	71-55-6	N.D.	0.80	5.0	ug/l	1
05399	Carbon Tetrachloride	56-23-5	N.D.	1.0	5.0	ug/l	1
05402	1,2-Dichloroethane	107-06-2	N.D.	1.0	5.0	ug/l	1
05403	Trichloroethene	79-01-6	N.D.	1.0	5.0	ug/l	1
05404	1,2-Dichloropropane	78-87-5	N.D.	1.0	5.0	ug/l	1
05405	Dibromomethane	74-95-3	N.D.	1.0	5.0	ug/l	1
05406	Bromodichloromethane	75-27-4	N.D.	1.0	5.0	ug/l	1
05408	1,1,2-Trichloroethane	79-00-5	N.D.	0.80	5.0	ug/l	1
05409	Tetrachloroethene	127-18-4	N.D.	0.80	5.0	ug/l	1
05411	Dibromochloromethane	124-48-1	N.D.	1.0	5.0	ug/l	1
05413	Chlorobenzene	108-90-7	N.D.	0.80	5.0	ug/l	1

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

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Analysis Report

Lancaster Laboratories Sample No. 5577588 WW Group No. 1128253

B-49 Water
BP Sanborn COC: 192813
2040 Cory Dr - Sanborn, NY B-49

Collected:01/14/2009 11:50 by RCB Account Number: 12495

Submitted: 01/15/2009 09:20
Reported: 01/29/2009 at 12:50
Discard: 03/01/2009

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

CSB49

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit*	As Received Limit of Quantitation	Units	Dilution Factor
05414	1,1,1,2-Tetrachloroethane	630-20-6	N.D.	1.0	5.0	ug/l	1
05419	Bromoform	75-25-2	N.D.	1.0	5.0	ug/l	1
05421	1,1,2,2-Tetrachloroethane	79-34-5	N.D.	1.0	5.0	ug/l	1
05423	1,2,3-Trichloropropane	96-18-4	N.D.	1.0	5.0	ug/l	1
06306	trans-1,3-Dichloropropene	10061-02-6	N.D.	1.0	5.0	ug/l	1
06307	cis-1,3-Dichloropropene	10061-01-5	N.D.	1.0	5.0	ug/l	1

The pH of the GC/MS volatile fraction was pH = 7 at the time of analysis.

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

Laboratory Chronicle

CAT No.	Analysis Name	Method	Trial#	Analysis Date and Time	Analyst	Dilution Factor
00310	8260B water special scan	SW-846 8260B	1	01/20/2009 20:57	Kristen D Pelliccia	1
06886	Appendix IX by 8260 - water	SW-846 8260B	1	01/20/2009 20:57	Kristen D Pelliccia	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	01/20/2009 20:57	Kristen D Pelliccia	1

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

Lancaster Laboratories

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Analysis Report

Lancaster Laboratories Sample No. 5577589 WW Group No. 1128253

B-19 Water
BP Sanborn COC: 192813
2040 Cory Dr - Sanborn, NY B-19

Collected:01/14/2009 10:30 by RCB Account Number: 12495

Submitted: 01/15/2009 09:20
Reported: 01/29/2009 at 12:50
Discard: 03/01/2009

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

CSB19

CAT No.	Analysis Name	CAS Number	As Received Result		As Received Method Detection Limit*	As Received Limit of Quantitation	Units	Dilution Factor
00310	8260B water special scan							
02281	Benzyl Chloride	100-44-7	N.D.		1.0	5.0	ug/l	1
05422	Bromobenzene	108-86-1	N.D.		1.0	5.0	ug/l	1
05432	1,3-Dichlorobenzene	541-73-1	N.D.		1.0	5.0	ug/l	1
05433	1,4-Dichlorobenzene	106-46-7	N.D.		1.0	5.0	ug/l	1
05435	1,2-Dichlorobenzene	95-50-1	N.D.		1.0	5.0	ug/l	1
07583	2-Chloroethyl Vinyl Ether	110-75-8	N.D.		2.0	10	ug/l	1
	2-Chloroethyl vinyl ether may not be recovered if acid was used to preserve this sample.							
06886	Appendix IX by 8260 - water							
05384	Dichlorodifluoromethane	75-71-8	N.D.		2.0	5.0	ug/l	1
05385	Chloromethane	74-87-3	N.D.		1.0	5.0	ug/l	1
05386	Vinyl Chloride	75-01-4	N.D.		1.0	5.0	ug/l	1
05387	Bromomethane	74-83-9	N.D.		1.0	5.0	ug/l	1
05388	Chloroethane	75-00-3	N.D.		1.0	5.0	ug/l	1
05389	Trichlorofluoromethane	75-69-4	N.D.		2.0	5.0	ug/l	1
05390	1,1-Dichloroethene	75-35-4	N.D.		0.80	5.0	ug/l	1
05391	Methylene Chloride	75-09-2	N.D.		2.0	5.0	ug/l	1
05392	trans-1,2-Dichloroethene	156-60-5	N.D.		0.80	5.0	ug/l	1
05393	1,1-Dichloroethane	75-34-3	N.D.		1.0	5.0	ug/l	1
05395	cis-1,2-Dichloroethene	156-59-2	2.6	J	0.80	5.0	ug/l	1
05396	Chloroform	67-66-3	N.D.		0.80	5.0	ug/l	1
05398	1,1,1-Trichloroethane	71-55-6	N.D.		0.80	5.0	ug/l	1
05399	Carbon Tetrachloride	56-23-5	N.D.		1.0	5.0	ug/l	1
05402	1,2-Dichloroethane	107-06-2	N.D.		1.0	5.0	ug/l	1
05403	Trichloroethene	79-01-6	N.D.		1.0	5.0	ug/l	1
05404	1,2-Dichloropropane	78-87-5	N.D.		1.0	5.0	ug/l	1
05405	Dibromomethane	74-95-3	N.D.		1.0	5.0	ug/l	1
05406	Bromodichloromethane	75-27-4	N.D.		1.0	5.0	ug/l	1
05408	1,1,2-Trichloroethane	79-00-5	N.D.		0.80	5.0	ug/l	1
05409	Tetrachloroethene	127-18-4	N.D.		0.80	5.0	ug/l	1
05411	Dibromochloromethane	124-48-1	N.D.		1.0	5.0	ug/l	1
05413	Chlorobenzene	108-90-7	N.D.		0.80	5.0	ug/l	1

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

Lancaster Laboratories Sample No. 5577589 WW Group No. 1128253

B-19 Water
BP Sanborn COC: 192813
2040 Cory Dr - Sanborn, NY B-19

Collected:01/14/2009 10:30 by RCB Account Number: 12495

Submitted: 01/15/2009 09:20
Reported: 01/29/2009 at 12:50
Discard: 03/01/2009

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

CSB19

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit*	As Received Limit of Quantitation	Units	Dilution Factor
05414	1,1,1,2-Tetrachloroethane	630-20-6	N.D.	1.0	5.0	ug/l	1
05419	Bromoform	75-25-2	N.D.	1.0	5.0	ug/l	1
05421	1,1,2,2-Tetrachloroethane	79-34-5	N.D.	1.0	5.0	ug/l	1
05423	1,2,3-Trichloropropane	96-18-4	N.D.	1.0	5.0	ug/l	1
06306	trans-1,3-Dichloropropene	10061-02-6	N.D.	1.0	5.0	ug/l	1
06307	cis-1,3-Dichloropropene	10061-01-5	N.D.	1.0	5.0	ug/l	1

The pH of the GC/MS volatile fraction was pH = 7 at the time of analysis.

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

Laboratory Chronicle

CAT No.	Analysis Name	Method	Trial#	Analysis Date and Time	Analyst	Dilution Factor
00310	8260B water special scan	SW-846 8260B	1	01/20/2009 21:41	Kristen D Pelliccia	1
06886	Appendix IX by 8260 - water	SW-846 8260B	1	01/20/2009 21:41	Kristen D Pelliccia	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	01/20/2009 21:41	Kristen D Pelliccia	1

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

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Analysis Report

Lancaster Laboratories Sample No. 5577590 WW Group No. 1128253

B-13 Water
BP Sanborn COC: 192813
2040 Cory Dr - Sanborn, NY B-13

Collected:01/14/2009 14:00 by RCB

Account Number: 12495

Submitted: 01/15/2009 09:20
Reported: 01/29/2009 at 12:50
Discard: 03/01/2009

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

CSB13

CAT No.	Analysis Name	CAS Number	As Received Result		As Received Method Detection Limit*	As Received Limit of Quantitation	Units	Dilution Factor
00310	8260B water special scan							
02281	Benzyl Chloride	100-44-7	N.D.		1.0	5.0	ug/l	1
05422	Bromobenzene	108-86-1	N.D.		1.0	5.0	ug/l	1
05432	1,3-Dichlorobenzene	541-73-1	N.D.		1.0	5.0	ug/l	1
05433	1,4-Dichlorobenzene	106-46-7	N.D.		1.0	5.0	ug/l	1
05435	1,2-Dichlorobenzene	95-50-1	N.D.		1.0	5.0	ug/l	1
07583	2-Chloroethyl Vinyl Ether	110-75-8	N.D.		2.0	10	ug/l	1
	2-Chloroethyl vinyl ether may not be recovered if acid was used to preserve this sample.							
06886	Appendix IX by 8260 - water							
05384	Dichlorodifluoromethane	75-71-8	N.D.		2.0	5.0	ug/l	1
05385	Chloromethane	74-87-3	N.D.		1.0	5.0	ug/l	1
05386	Vinyl Chloride	75-01-4	3.4	J	1.0	5.0	ug/l	1
05387	Bromomethane	74-83-9	N.D.		1.0	5.0	ug/l	1
05388	Chloroethane	75-00-3	N.D.		1.0	5.0	ug/l	1
05389	Trichlorofluoromethane	75-69-4	N.D.		2.0	5.0	ug/l	1
05390	1,1-Dichloroethene	75-35-4	2.1	J	0.80	5.0	ug/l	1
05391	Methylene Chloride	75-09-2	N.D.		2.0	5.0	ug/l	1
05392	trans-1,2-Dichloroethene	156-60-5	3.6	J	0.80	5.0	ug/l	1
05393	1,1-Dichloroethane	75-34-3	4.9	J	1.0	5.0	ug/l	1
05395	cis-1,2-Dichloroethene	156-59-2	260		4.0	25	ug/l	5
05396	Chloroform	67-66-3	N.D.		0.80	5.0	ug/l	1
05398	1,1,1-Trichloroethane	71-55-6	3.4	J	0.80	5.0	ug/l	1
05399	Carbon Tetrachloride	56-23-5	N.D.		1.0	5.0	ug/l	1
05402	1,2-Dichloroethane	107-06-2	N.D.		1.0	5.0	ug/l	1
05403	Trichloroethene	79-01-6	270		5.0	25	ug/l	5
05404	1,2-Dichloropropane	78-87-5	N.D.		1.0	5.0	ug/l	1
05405	Dibromomethane	74-95-3	N.D.		1.0	5.0	ug/l	1
05406	Bromodichloromethane	75-27-4	N.D.		1.0	5.0	ug/l	1
05408	1,1,2-Trichloroethane	79-00-5	N.D.		0.80	5.0	ug/l	1
05409	Tetrachloroethene	127-18-4	N.D.		0.80	5.0	ug/l	1
05411	Dibromochloromethane	124-48-1	N.D.		1.0	5.0	ug/l	1
05413	Chlorobenzene	108-90-7	N.D.		0.80	5.0	ug/l	1

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

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Analysis Report

Lancaster Laboratories Sample No. 5577590 WW Group No. 1128253

B-13 Water
BP Sanborn COC: 192813
2040 Cory Dr - Sanborn, NY B-13

Collected:01/14/2009 14:00 by RCB Account Number: 12495

Submitted: 01/15/2009 09:20
Reported: 01/29/2009 at 12:50
Discard: 03/01/2009

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

CSB13

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit*	As Received Limit of Quantitation	Units	Dilution Factor
05414	1,1,1,2-Tetrachloroethane	630-20-6	N.D.	1.0	5.0	ug/l	1
05419	Bromoform	75-25-2	N.D.	1.0	5.0	ug/l	1
05421	1,1,2,2-Tetrachloroethane	79-34-5	N.D.	1.0	5.0	ug/l	1
05423	1,2,3-Trichloropropane	96-18-4	N.D.	1.0	5.0	ug/l	1
06306	trans-1,3-Dichloropropene	10061-02-6	N.D.	1.0	5.0	ug/l	1
06307	cis-1,3-Dichloropropene	10061-01-5	N.D.	1.0	5.0	ug/l	1

The pH of the GC/MS volatile fraction was pH = 7 at the time of analysis.

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

Laboratory Chronicle

CAT No.	Analysis Name	Method	Trial#	Analysis Date and Time	Analyst	Dilution Factor
00310	8260B water special scan	SW-846 8260B	1	01/20/2009 22:02	Kristen D Pelliccia	1
06886	Appendix IX by 8260 - water	SW-846 8260B	1	01/20/2009 22:02	Kristen D Pelliccia	1
06886	Appendix IX by 8260 - water	SW-846 8260B	1	01/21/2009 03:09	Kristen D Pelliccia	5
01163	GC/MS VOA Water Prep	SW-846 5030B	1	01/20/2009 22:02	Kristen D Pelliccia	1
01163	GC/MS VOA Water Prep	SW-846 5030B	2	01/21/2009 03:09	Kristen D Pelliccia	5

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

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Analysis Report

Lancaster Laboratories Sample No. 5577591 WW Group No. 1128253

B-48 Water
BP Sanborn COC: 192813
2040 Cory Dr - Sanborn, NY B-48

Collected:01/14/2009 13:20 by RCB Account Number: 12495

Submitted: 01/15/2009 09:20
Reported: 01/29/2009 at 12:51
Discard: 03/01/2009

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

CSB48

CAT No.	Analysis Name	CAS Number	As Received Result		As Received Method Detection Limit*	As Received Limit of Quantitation	Units	Dilution Factor
00310	8260B water special scan							
02281	Benzyl Chloride	100-44-7	N.D.		1.0	5.0	ug/l	1
05422	Bromobenzene	108-86-1	N.D.		1.0	5.0	ug/l	1
05432	1,3-Dichlorobenzene	541-73-1	N.D.		1.0	5.0	ug/l	1
05433	1,4-Dichlorobenzene	106-46-7	N.D.		1.0	5.0	ug/l	1
05435	1,2-Dichlorobenzene	95-50-1	N.D.		1.0	5.0	ug/l	1
07583	2-Chloroethyl Vinyl Ether	110-75-8	N.D.		2.0	10	ug/l	1
	2-Chloroethyl vinyl ether may not be recovered if acid was used to preserve this sample.							
06886	Appendix IX by 8260 - water							
05384	Dichlorodifluoromethane	75-71-8	N.D.		2.0	5.0	ug/l	1
05385	Chloromethane	74-87-3	N.D.		1.0	5.0	ug/l	1
05386	Vinyl Chloride	75-01-4	N.D.		1.0	5.0	ug/l	1
05387	Bromomethane	74-83-9	N.D.		1.0	5.0	ug/l	1
05388	Chloroethane	75-00-3	N.D.		1.0	5.0	ug/l	1
05389	Trichlorofluoromethane	75-69-4	N.D.		2.0	5.0	ug/l	1
05390	1,1-Dichloroethene	75-35-4	N.D.		0.80	5.0	ug/l	1
05391	Methylene Chloride	75-09-2	N.D.		2.0	5.0	ug/l	1
05392	trans-1,2-Dichloroethene	156-60-5	N.D.		0.80	5.0	ug/l	1
05393	1,1-Dichloroethane	75-34-3	N.D.		1.0	5.0	ug/l	1
05395	cis-1,2-Dichloroethene	156-59-2	1.3	J	0.80	5.0	ug/l	1
05396	Chloroform	67-66-3	N.D.		0.80	5.0	ug/l	1
05398	1,1,1-Trichloroethane	71-55-6	N.D.		0.80	5.0	ug/l	1
05399	Carbon Tetrachloride	56-23-5	N.D.		1.0	5.0	ug/l	1
05402	1,2-Dichloroethane	107-06-2	N.D.		1.0	5.0	ug/l	1
05403	Trichloroethene	79-01-6	2.7	J	1.0	5.0	ug/l	1
05404	1,2-Dichloropropane	78-87-5	N.D.		1.0	5.0	ug/l	1
05405	Dibromomethane	74-95-3	N.D.		1.0	5.0	ug/l	1
05406	Bromodichloromethane	75-27-4	N.D.		1.0	5.0	ug/l	1
05408	1,1,2-Trichloroethane	79-00-5	N.D.		0.80	5.0	ug/l	1
05409	Tetrachloroethene	127-18-4	N.D.		0.80	5.0	ug/l	1
05411	Dibromochloromethane	124-48-1	N.D.		1.0	5.0	ug/l	1
05413	Chlorobenzene	108-90-7	N.D.		0.80	5.0	ug/l	1

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

Lancaster Laboratories Sample No. 5577591 WW Group No. 1128253

B-48 Water
BP Sanborn COC: 192813
2040 Cory Dr - Sanborn, NY B-48

Collected:01/14/2009 13:20 by RCB Account Number: 12495

Submitted: 01/15/2009 09:20
Reported: 01/29/2009 at 12:51
Discard: 03/01/2009

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

CSB48

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit*	As Received Limit of Quantitation	Units	Dilution Factor
05414	1,1,1,2-Tetrachloroethane	630-20-6	N.D.	1.0	5.0	ug/l	1
05419	Bromoform	75-25-2	N.D.	1.0	5.0	ug/l	1
05421	1,1,2,2-Tetrachloroethane	79-34-5	N.D.	1.0	5.0	ug/l	1
05423	1,2,3-Trichloropropane	96-18-4	N.D.	1.0	5.0	ug/l	1
06306	trans-1,3-Dichloropropene	10061-02-6	N.D.	1.0	5.0	ug/l	1
06307	cis-1,3-Dichloropropene	10061-01-5	N.D.	1.0	5.0	ug/l	1

The pH of the GC/MS volatile fraction was pH = 7 at the time of analysis.

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

Laboratory Chronicle

CAT No.	Analysis Name	Method	Trial#	Analysis Date and Time	Analyst	Dilution Factor
00310	8260B water special scan	SW-846 8260B	1	01/20/2009 22:24	Kristen D Pelliccia	1
06886	Appendix IX by 8260 - water	SW-846 8260B	1	01/20/2009 22:24	Kristen D Pelliccia	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	01/20/2009 22:24	Kristen D Pelliccia	1

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

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Analysis Report

Lancaster Laboratories Sample No. 5577592 WW Group No. 1128253

B-17 Water
BP Sanborn COC: 192813
2040 Cory Dr - Sanborn, NY B-17

Collected:01/14/2009 14:30 by RCB Account Number: 12495

Submitted: 01/15/2009 09:20
Reported: 01/29/2009 at 12:51
Discard: 03/01/2009

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

CSB17

CAT No.	Analysis Name	CAS Number	As Received Result		As Received Method Detection Limit*	As Received Limit of Quantitation	Units	Dilution Factor
00310	8260B water special scan							
02281	Benzyl Chloride	100-44-7	N.D.		5.0	25	ug/l	5
05422	Bromobenzene	108-86-1	N.D.		5.0	25	ug/l	5
05432	1,3-Dichlorobenzene	541-73-1	N.D.		5.0	25	ug/l	5
05433	1,4-Dichlorobenzene	106-46-7	N.D.		5.0	25	ug/l	5
05435	1,2-Dichlorobenzene	95-50-1	N.D.		5.0	25	ug/l	5
07583	2-Chloroethyl Vinyl Ether	110-75-8	N.D.		10	50	ug/l	5
	2-Chloroethyl vinyl ether may not be recovered if acid was used to preserve this sample.							
06886	Appendix IX by 8260 - water							
05384	Dichlorodifluoromethane	75-71-8	N.D.		10	25	ug/l	5
05385	Chloromethane	74-87-3	N.D.		5.0	25	ug/l	5
05386	Vinyl Chloride	75-01-4	910		5.0	25	ug/l	5
05387	Bromomethane	74-83-9	N.D.		5.0	25	ug/l	5
05388	Chloroethane	75-00-3	N.D.		5.0	25	ug/l	5
05389	Trichlorofluoromethane	75-69-4	N.D.		10	25	ug/l	5
05390	1,1-Dichloroethene	75-35-4	39		4.0	25	ug/l	5
05391	Methylene Chloride	75-09-2	N.D.		10	25	ug/l	5
05392	trans-1,2-Dichloroethene	156-60-5	34		4.0	25	ug/l	5
05393	1,1-Dichloroethane	75-34-3	180		5.0	25	ug/l	5
05395	cis-1,2-Dichloroethene	156-59-2	5,900		40	250	ug/l	50
05396	Chloroform	67-66-3	N.D.		4.0	25	ug/l	5
05398	1,1,1-Trichloroethane	71-55-6	49		4.0	25	ug/l	5
05399	Carbon Tetrachloride	56-23-5	N.D.		5.0	25	ug/l	5
05402	1,2-Dichloroethane	107-06-2	N.D.		5.0	25	ug/l	5
05403	Trichloroethene	79-01-6	2,800		50	250	ug/l	50
05404	1,2-Dichloropropane	78-87-5	N.D.		5.0	25	ug/l	5
05405	Dibromomethane	74-95-3	N.D.		5.0	25	ug/l	5
05406	Bromodichloromethane	75-27-4	N.D.		5.0	25	ug/l	5
05408	1,1,2-Trichloroethane	79-00-5	N.D.		4.0	25	ug/l	5
05409	Tetrachloroethene	127-18-4	5.8	J	4.0	25	ug/l	5
05411	Dibromochloromethane	124-48-1	N.D.		5.0	25	ug/l	5
05413	Chlorobenzene	108-90-7	N.D.		4.0	25	ug/l	5

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

Lancaster Laboratories Sample No. 5577592 WW Group No. 1128253

B-17 Water
BP Sanborn COC: 192813
2040 Cory Dr - Sanborn, NY B-17

Collected:01/14/2009 14:30 by RCB Account Number: 12495

Submitted: 01/15/2009 09:20
Reported: 01/29/2009 at 12:51
Discard: 03/01/2009

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

CSB17

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit*	As Received Limit of Quantitation	Units	Dilution Factor
05414	1,1,1,2-Tetrachloroethane	630-20-6	N.D.	5.0	25	ug/l	5
05419	Bromoform	75-25-2	N.D.	5.0	25	ug/l	5
05421	1,1,2,2-Tetrachloroethane	79-34-5	N.D.	5.0	25	ug/l	5
05423	1,2,3-Trichloropropane	96-18-4	N.D.	5.0	25	ug/l	5
06306	trans-1,3-Dichloropropene	10061-02-6	N.D.	5.0	25	ug/l	5
06307	cis-1,3-Dichloropropene	10061-01-5	N.D.	5.0	25	ug/l	5

The pH of the GC/MS volatile fraction was pH = 7 at the time of analysis.

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

Laboratory Chronicle

CAT No.	Analysis Name	Method	Trial#	Analysis Date and Time	Analyst	Dilution Factor
00310	8260B water special scan	SW-846 8260B	1	01/21/2009 03:31	Kristen D Pelliccia	5
06886	Appendix IX by 8260 - water	SW-846 8260B	1	01/21/2009 03:31	Kristen D Pelliccia	5
06886	Appendix IX by 8260 - water	SW-846 8260B	1	01/21/2009 03:53	Kristen D Pelliccia	50
01163	GC/MS VOA Water Prep	SW-846 5030B	1	01/21/2009 03:31	Kristen D Pelliccia	5
01163	GC/MS VOA Water Prep	SW-846 5030B	2	01/21/2009 03:53	Kristen D Pelliccia	50

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

Lancaster Laboratories

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Analysis Report

Lancaster Laboratories Sample No. 5577593 WW Group No. 1128253

Field Dup#2 Water
BP Sanborn COC: 192813
2040 Cory Dr - Sanborn, NY Dup#2

Collected:01/14/2009 by RCB

Account Number: 12495

Submitted: 01/15/2009 09:20
Reported: 01/29/2009 at 12:51
Discard: 03/01/2009

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

CDSD2

CAT No.	Analysis Name	CAS Number	As Received Result		As Received Method Detection Limit*	As Received Limit of Quantitation	Units	Dilution Factor
00310	8260B water special scan							
02281	Benzyl Chloride	100-44-7	N.D.		1.0	5.0	ug/l	1
05422	Bromobenzene	108-86-1	N.D.		1.0	5.0	ug/l	1
05432	1,3-Dichlorobenzene	541-73-1	N.D.		1.0	5.0	ug/l	1
05433	1,4-Dichlorobenzene	106-46-7	N.D.		1.0	5.0	ug/l	1
05435	1,2-Dichlorobenzene	95-50-1	N.D.		1.0	5.0	ug/l	1
07583	2-Chloroethyl Vinyl Ether	110-75-8	N.D.		2.0	10	ug/l	1
	2-Chloroethyl vinyl ether may not be recovered if acid was used to preserve this sample.							
06886	Appendix IX by 8260 - water							
05384	Dichlorodifluoromethane	75-71-8	N.D.		2.0	5.0	ug/l	1
05385	Chloromethane	74-87-3	N.D.		1.0	5.0	ug/l	1
05386	Vinyl Chloride	75-01-4	N.D.		1.0	5.0	ug/l	1
05387	Bromomethane	74-83-9	N.D.		1.0	5.0	ug/l	1
05388	Chloroethane	75-00-3	N.D.		1.0	5.0	ug/l	1
05389	Trichlorofluoromethane	75-69-4	N.D.		2.0	5.0	ug/l	1
05390	1,1-Dichloroethene	75-35-4	N.D.		0.80	5.0	ug/l	1
05391	Methylene Chloride	75-09-2	N.D.		2.0	5.0	ug/l	1
05392	trans-1,2-Dichloroethene	156-60-5	N.D.		0.80	5.0	ug/l	1
05393	1,1-Dichloroethane	75-34-3	N.D.		1.0	5.0	ug/l	1
05395	cis-1,2-Dichloroethene	156-59-2	1.3	J	0.80	5.0	ug/l	1
05396	Chloroform	67-66-3	N.D.		0.80	5.0	ug/l	1
05398	1,1,1-Trichloroethane	71-55-6	N.D.		0.80	5.0	ug/l	1
05399	Carbon Tetrachloride	56-23-5	N.D.		1.0	5.0	ug/l	1
05402	1,2-Dichloroethane	107-06-2	N.D.		1.0	5.0	ug/l	1
05403	Trichloroethene	79-01-6	2.5	J	1.0	5.0	ug/l	1
05404	1,2-Dichloropropane	78-87-5	N.D.		1.0	5.0	ug/l	1
05405	Dibromomethane	74-95-3	N.D.		1.0	5.0	ug/l	1
05406	Bromodichloromethane	75-27-4	N.D.		1.0	5.0	ug/l	1
05408	1,1,2-Trichloroethane	79-00-5	N.D.		0.80	5.0	ug/l	1
05409	Tetrachloroethene	127-18-4	N.D.		0.80	5.0	ug/l	1
05411	Dibromochloromethane	124-48-1	N.D.		1.0	5.0	ug/l	1
05413	Chlorobenzene	108-90-7	N.D.		0.80	5.0	ug/l	1

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

Lancaster Laboratories

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Analysis Report

Lancaster Laboratories Sample No. 5577593 WW Group No. 1128253

Field Dup#2 Water
BP Sanborn COC: 192813
2040 Cory Dr - Sanborn, NY Dup#2

Collected:01/14/2009 by RCB

Account Number: 12495

Submitted: 01/15/2009 09:20
Reported: 01/29/2009 at 12:51
Discard: 03/01/2009

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

CDSD2

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit*	As Received Limit of Quantitation	Units	Dilution Factor
05414	1,1,1,2-Tetrachloroethane	630-20-6	N.D.	1.0	5.0	ug/l	1
05419	Bromoform	75-25-2	N.D.	1.0	5.0	ug/l	1
05421	1,1,2,2-Tetrachloroethane	79-34-5	N.D.	1.0	5.0	ug/l	1
05423	1,2,3-Trichloropropane	96-18-4	N.D.	1.0	5.0	ug/l	1
06306	trans-1,3-Dichloropropene	10061-02-6	N.D.	1.0	5.0	ug/l	1
06307	cis-1,3-Dichloropropene	10061-01-5	N.D.	1.0	5.0	ug/l	1

The pH of the GC/MS volatile fraction was pH = 7 at the time of analysis.

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

Laboratory Chronicle

CAT No.	Analysis Name	Method	Trial#	Analysis Date and Time	Analyst	Dilution Factor
00310	8260B water special scan	SW-846 8260B	1	01/20/2009 22:46	Kristen D Pelliccia	1
06886	Appendix IX by 8260 - water	SW-846 8260B	1	01/20/2009 22:46	Kristen D Pelliccia	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	01/20/2009 22:46	Kristen D Pelliccia	1

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

Lancaster Laboratories

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Analysis Report

Quality Control Summary

Client Name: Atlantic Richfield(Parsons-NY) Group Number: 1128253
Reported: 01/29/09 at 12:51 PM

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.

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: L090202AA	Sample number(s): 5577587-5577593								
Benzyl Chloride	N.D.	1.0	5.0	ug/l	80	79	64-119	1	30
Dichlorodifluoromethane	N.D.	2.0	5.0	ug/l	110	112	45-158	1	30
Chloromethane	N.D.	1.0	5.0	ug/l	110	108	47-133	1	30
Vinyl Chloride	N.D.	1.0	5.0	ug/l	102	100	62-128	2	30
Bromomethane	N.D.	1.0	5.0	ug/l	76	66	50-128	14	30
Chloroethane	N.D.	1.0	5.0	ug/l	91	86	56-128	5	30
Trichlorofluoromethane	N.D.	2.0	5.0	ug/l	108	108	60-137	0	30
1,1-Dichloroethene	N.D.	0.80	5.0	ug/l	113	110	76-122	2	30
Methylene Chloride	N.D.	2.0	5.0	ug/l	114	112	85-120	2	30
trans-1,2-Dichloroethene	N.D.	0.80	5.0	ug/l	113	111	83-117	2	30
1,1-Dichloroethane	N.D.	1.0	5.0	ug/l	114	113	83-127	1	30
cis-1,2-Dichloroethene	N.D.	0.80	5.0	ug/l	112	109	84-117	2	30
Chloroform	N.D.	0.80	5.0	ug/l	113	111	77-125	1	30
1,1,1-Trichloroethane	N.D.	0.80	5.0	ug/l	113	112	83-127	1	30
Carbon Tetrachloride	N.D.	1.0	5.0	ug/l	106	105	77-130	1	30
1,2-Dichloroethane	N.D.	1.0	5.0	ug/l	113	112	69-135	0	30
Trichloroethene	N.D.	1.0	5.0	ug/l	113	112	87-117	1	30
1,2-Dichloropropane	N.D.	1.0	5.0	ug/l	111	111	80-117	1	30
Dibromomethane	N.D.	1.0	5.0	ug/l	107	106	87-117	1	30
Bromodichloromethane	N.D.	1.0	5.0	ug/l	105	105	83-121	1	30
1,1,2-Trichloroethane	N.D.	0.80	5.0	ug/l	104	103	86-113	1	30
Tetrachloroethene	N.D.	0.80	5.0	ug/l	110	109	76-118	1	30
Dibromochloromethane	N.D.	1.0	5.0	ug/l	98	97	78-119	2	30
Chlorobenzene	N.D.	0.80	5.0	ug/l	108	107	85-115	0	30
1,1,1,2-Tetrachloroethane	N.D.	1.0	5.0	ug/l	100	100	83-114	1	30
Bromoform	N.D.	1.0	5.0	ug/l	91	89	69-118	2	30
1,1,2,2-Tetrachloroethane	N.D.	1.0	5.0	ug/l	97	97	72-119	0	30
Bromobenzene	N.D.	1.0	5.0	ug/l	105	105	82-110	0	30
1,2,3-Trichloropropane	N.D.	1.0	5.0	ug/l	98	97	78-117	0	30
1,3-Dichlorobenzene	N.D.	1.0	5.0	ug/l	107	107	81-114	1	30
1,4-Dichlorobenzene	N.D.	1.0	5.0	ug/l	106	105	84-116	1	30
1,2-Dichlorobenzene	N.D.	1.0	5.0	ug/l	103	103	81-112	1	30
trans-1,3-Dichloropropene	N.D.	1.0	5.0	ug/l	96	96	79-114	0	30
cis-1,3-Dichloropropene	N.D.	1.0	5.0	ug/l	105	104	78-114	1	30
2-Chloroethyl Vinyl Ether	N.D.	2.0	10	ug/l	102	101	51-142	0	30
Batch number: W090231AA	Sample number(s): 5577587								
cis-1,2-Dichloroethene	N.D.	0.80	5.0	ug/l	102		84-117		
Trichloroethene	N.D.	1.0	5.0	ug/l	102		87-117		

Sample Matrix Quality Control

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

Quality Control Summary

Client Name: Atlantic Richfield(Parsons-NY) Group Number: 1128253
Reported: 01/29/09 at 12:51 PM
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: L090202AA	Sample number(s): 5577587-5577593 UNSPK: 5577588								
Benzyl Chloride	71		65-119						
Dichlorodifluoromethane	120		52-192						
Chloromethane	106		58-157						
Vinyl Chloride	122		68-147						
Bromomethane	50*		54-140						
Chloroethane	100		60-140						
Trichlorofluoromethane	133		68-163						
1,1-Dichloroethene	121		87-145						
Methylene Chloride	119		79-133						
trans-1,2-Dichloroethene	122		82-133						
1,1-Dichloroethane	122		85-135						
cis-1,2-Dichloroethene	120		83-126						
Chloroform	119		83-139						
1,1,1-Trichloroethane	128		81-142						
Carbon Tetrachloride	115		82-149						
1,2-Dichloroethane	116		70-143						
Trichloroethene	126		83-136						
1,2-Dichloropropane	116		83-129						
Dibromomethane	110		82-128						
Bromodichloromethane	111		80-137						
1,1,2-Trichloroethane	106		77-125						
Tetrachloroethene	119		78-133						
Dibromochloromethane	101		80-128						
Chlorobenzene	113		83-120						
1,1,1,2-Tetrachloroethane	105		83-119						
Bromoform	91		64-119						
1,1,2,2-Tetrachloroethane	99		73-121						
Bromobenzene	108		83-121						
1,2,3-Trichloropropane	99		73-125						
1,3-Dichlorobenzene	111		79-123						
1,4-Dichlorobenzene	109		81-122						
1,2-Dichlorobenzene	107		82-117						
trans-1,3-Dichloropropene	92		77-123						
cis-1,3-Dichloropropene	99		72-124						
2-Chloroethyl Vinyl Ether	42		1-156						
Batch number: W090231AA	Sample number(s): 5577587 UNSPK: P582009								
cis-1,2-Dichloroethene	108	113	83-126	4	30				
Trichloroethene	110	113	83-136	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: Appendix IX by 8260 - water
Batch number: L090202AA

	Dibromofluoromethane	1,2-Dichloroethane-d4	Toluene-d8	4-Bromofluorobenzene
5577587	99	96	99	97

*- 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: 1128253
Reported: 01/29/09 at 12:51 PM

Surrogate Quality Control

5577588	98	96	98	95
5577589	98	96	99	95
5577590	99	97	99	95
5577591	98	97	98	94
5577592	99	96	100	94
5577593	98	97	98	95
Blank	98	97	98	94
LCS	98	96	99	97
LCSD	98	96	99	97
MS	99	95	100	98
Limits:	80-116	77-113	80-113	78-113

Analysis Name: 8260 Master Scan (water)
Batch number: W090231AA

	Dibromofluoromethane	1,2-Dichloroethane-d4	Toluene-d8	4-Bromofluorobenzene
Blank	96	97	98	96
LCS	98	98	98	100
MS	97	97	91	94
MSD	97	98	93	96
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 #: 1128253

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 Chronicle 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.

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:

06886: Appendix IX by 8260 - water

Batch #: L090202AA (Sample number(s): 5577587-5577593 UNSPK: 5577588)

The recovery(ies) for the following analyte(s) in the MS was outside the acceptance window: Bromomethane

Sample #s: 5577587, 5577588, 5577589, 5577590, 5577591, 5577592, 5577593

The pH of the GC/MS volatile fraction was pH = 7 at the time of analysis.

Acct # 12495 Grp # 1128253 Sample # 5577587-94 192813

Page 1 of 1

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: 444183-01085
Lab PM: Jessica Okrasinski	Lead Regulatory Agency: NYSDEC	Address: 40 LaRivera Dr. Suite 350, Buffalo, NY
Lab Phone: (717) 656-2300 x 185	California Global ID No.:	Consultant/Contractor PM: George Hermance
Lab Shipping Accnt:	Enfos Proposal No: 00180-0026	Phone: (716) 407-4990
Lab Bottle Order No:	Accounting Mode: (Provision) ___ OOC-BU ___ OOC-RM ___	Email EDD To: Lorriane Weber
Other Info:	Stage: Activity:	Invoice To: (BP/ARC) Contractor ___

BP/ARC EBM: William Barber
EBM Phone: (216) 271-8838
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	No. Containers / Preservative: Total Number of Containers	Unpreserved	H_2SO_4	HNO_3	HCl	Methanol	Requested Analyses: 8260	Comments
	P-4	11/4/09	1130		X		3						X	med
	B-49	11/4/09	1150		X		3						X	low
	B-19	11/4/09	1080		X		3						X	low
	~~B-9~~ *	11/4/09	0925		X		3						X	low * B-9 arrived
	B-13	11/4/09	1400		X		3						X	high broken. Will not
	B-48	11/4/09	1320		X		3						X	med be analyzed.
	B-17	11/4/09	1430		X		3						X	high Informed G.H.
	Field Dup #2	11/4/09			X		3						X	per 11/10/09

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

Sampler's Name	Relinquished By / Affiliation	Date	Time	Accepted By / Affiliation	Date	Time
Richard C Becken	Richard C Becken	11/4/09	1820			
Sampler's Company: DNM Enterprises Inc.						
Shipment Method: Fed-Ex Ship Date:				Thomas L Moyer LCI	11/5/09	0920
Shipment Tracking No:						

Special Instructions:

THIS LINE - LAB USE ONLY: Custody Seals In Place: (Yes) / No | Temp Blank: (Yes) / No | Cooler Temp on Receipt: 3.9-5.7 °C | Trip Blank: (Yes) / No | MS/MSD Sample Submitted: Yes / (No)

Lancaster Laboratories
2425 New Holland Pike • Lancaster, PA 17601

(Parsons)

Environmental Sample Administration Receipt Documentation Log

Client/Project: Atlantic Richfield

Date of Receipt: 1-15-09

Time of Receipt: 0920

Source Code: 50-1

Unpacker Emp. No.: 2132

Shipping Container Sealed: (YES) NO

Custody Seal Present: YES (NO)

Custody Seal Intact: YES NO (NA)

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	03106	3.9°-5.7°	~~TB~~ ST (3) SEM2132 1-15-09	WI	Y	B	No temp bottle
2							
3							
4							
5							
6							

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

Paperwork Discrepancy/Unpacking Problems: (all discarded) * B-9 will not be analyzed. All others have enough remaining volume. Client informed. gho 1/16/09

Rcvd broken: 2 B-19, all 3 B-9, 2 B-48
Labels were nearly illegible due to the ink smearing. Had Jessica look at them.
Also rcvd broken: 1 Field Dup #2 - discarded

Sample Administration Internal Chain of Custody			
Name	Date	Time	Reason for Transfer
[signature]	1-15-09	1254	Unpacking 1 to storage
Kristin Zeigler	1-15-09	1409	Place in Storage or (Entry)
			Entry
			Entry

Lancaster Laboratories
Explanation of Symbols and Abbreviations

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

N.D.	none detected	**BMQL**	Below Minimum Quantitation Level
TNTC	Too Numerous To Count	**MPN**	Most Probable Number
IU	International Units	**CP Units**	cobalt-chloroplatinate units
umhos/cm	micromhos/cm	**NTU**	nephelometric turbidity units
C	degrees Celsius	**F**	degrees Fahrenheit
Cal	(diet) calories	**lb.**	pound(s)
meq	milliequivalents	**kg**	kilogram(s)
g	gram(s)	**mg**	milligram(s)
ug	microgram(s)	**l**	liter(s)
ml	milliliter(s)	**ul**	microliter(s)
m3	cubic meter(s)	**fib >5 um/ml**	fibers greater than 5 microns in length per ml

< 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

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.

U.S. EPA 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 quatitated on a diluted sample
E	Concentration exceeds the calibration range of the instrument
J	Estimated value
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 amount 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 for methods listed on the laboratories' accreditation scope meet all requirements of NELAC unless otherwise noted under the individual analysis.

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.

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Analysis Report

ANALYTICAL RESULTS

Prepared for:

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

281-366-2000

Prepared by:

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

SAMPLE GROUP

The sample group for this submittal is 1128443. Samples arrived at the laboratory on Friday, January 16, 2009. The PO# for this group is ENFOS and the release number is BARBER.

Client Description	Lancaster Labs Number
B-44 Water	5578616
B-43 Water	5578617
B-43 Matrix Spike Water	5578618
B-43 Matrix Spike Dup Water	5578619
PW-3 Water	5578620
B-8 Water	5578621
B-6 Water	5578622

1 COPY TO	Parsons	Attn: George Hermance
ELECTRONIC COPY TO	Parsons	Attn: Lorraine Weber

Lancaster Laboratories

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Analysis Report

Questions? Contact your Client Services Representative
Jessica A Oknefski at (717) 656-2300

Respectfully Submitted,

Susan M. Goshert
Group Leader

Lancaster Laboratories

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Analysis Report

Lancaster Laboratories Sample No. 5578616 WW Group No. 1128443

B-44 Water
BP Sanborn COC: 192717
2040 Cory Dr.-Sanborn, NY B-44

Collected:01/15/2009 13:55 by RCB Account Number: 12495

Submitted: 01/16/2009 09:45
Reported: 01/22/2009 at 20:56
Discard: 02/22/2009

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

CDS44

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit*	As Received Limit of Quantitation	Units	Dilution Factor
00310	8260B water special scan						
02281	Benzyl Chloride	100-44-7	N.D.	1.0	5.0	ug/l	1
05422	Bromobenzene	108-86-1	N.D.	1.0	5.0	ug/l	1
05432	1,3-Dichlorobenzene	541-73-1	N.D.	1.0	5.0	ug/l	1
05433	1,4-Dichlorobenzene	106-46-7	N.D.	1.0	5.0	ug/l	1
05435	1,2-Dichlorobenzene	95-50-1	N.D.	1.0	5.0	ug/l	1
07583	2-Chloroethyl Vinyl Ether	110-75-8	N.D.	2.0	10	ug/l	1
	2-Chloroethyl vinyl ether may not be recovered if acid was used to preserve this sample.						
06886	Appendix IX by 8260 - water						
05384	Dichlorodifluoromethane	75-71-8	N.D.	2.0	5.0	ug/l	1
05385	Chloromethane	74-87-3	N.D.	1.0	5.0	ug/l	1
05386	Vinyl Chloride	75-01-4	6.3	1.0	5.0	ug/l	1
05387	Bromomethane	74-83-9	N.D.	1.0	5.0	ug/l	1
05388	Chloroethane	75-00-3	N.D.	1.0	5.0	ug/l	1
05389	Trichlorofluoromethane	75-69-4	N.D.	2.0	5.0	ug/l	1
05390	1,1-Dichloroethene	75-35-4	N.D.	0.80	5.0	ug/l	1
05391	Methylene Chloride	75-09-2	N.D.	2.0	5.0	ug/l	1
05392	trans-1,2-Dichloroethene	156-60-5	N.D.	0.80	5.0	ug/l	1
05393	1,1-Dichloroethane	75-34-3	8.3	1.0	5.0	ug/l	1
05395	cis-1,2-Dichloroethene	156-59-2	8.9	0.80	5.0	ug/l	1
05396	Chloroform	67-66-3	N.D.	0.80	5.0	ug/l	1
05398	1,1,1-Trichloroethane	71-55-6	N.D.	0.80	5.0	ug/l	1
05399	Carbon Tetrachloride	56-23-5	N.D.	1.0	5.0	ug/l	1
05402	1,2-Dichloroethane	107-06-2	N.D.	1.0	5.0	ug/l	1
05403	Trichloroethene	79-01-6	7.4	1.0	5.0	ug/l	1
05404	1,2-Dichloropropane	78-87-5	N.D.	1.0	5.0	ug/l	1
05405	Dibromomethane	74-95-3	N.D.	1.0	5.0	ug/l	1
05406	Bromodichloromethane	75-27-4	N.D.	1.0	5.0	ug/l	1
05408	1,1,2-Trichloroethane	79-00-5	N.D.	0.80	5.0	ug/l	1
05409	Tetrachloroethene	127-18-4	N.D.	0.80	5.0	ug/l	1
05411	Dibromochloromethane	124-48-1	N.D.	1.0	5.0	ug/l	1
05413	Chlorobenzene	108-90-7	N.D.	0.80	5.0	ug/l	1

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

Lancaster Laboratories Sample No. 5578616 WW Group No. 1128443

B-44 Water
BP Sanborn COC: 192717
2040 Cory Dr.-Sanborn, NY B-44

Collected:01/15/2009 13:55 by RCB Account Number: 12495

Submitted: 01/16/2009 09:45
Reported: 01/22/2009 at 20:56
Discard: 02/22/2009

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

CDS44

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit*	As Received Limit of Quantitation	Units	Dilution Factor
05414	1,1,1,2-Tetrachloroethane	630-20-6	N.D.	1.0	5.0	ug/l	1
05419	Bromoform	75-25-2	N.D.	1.0	5.0	ug/l	1
05421	1,1,2,2-Tetrachloroethane	79-34-5	N.D.	1.0	5.0	ug/l	1
05423	1,2,3-Trichloropropane	96-18-4	N.D.	1.0	5.0	ug/l	1
06306	trans-1,3-Dichloropropene	10061-02-6	N.D.	1.0	5.0	ug/l	1
06307	cis-1,3-Dichloropropene	10061-01-5	N.D.	1.0	5.0	ug/l	1

The pH of the GC/MS volatile fraction was pH = 7 at the time of analysis.

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

Laboratory Chronicle

CAT No.	Analysis Name	Method	Trial#	Analysis Date and Time	Analyst	Dilution Factor
00310	8260B water special scan	SW-846 8260B	1	01/21/2009 23:36	Holly Berry	1
06886	Appendix IX by 8260 - water	SW-846 8260B	1	01/21/2009 23:36	Holly Berry	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	01/21/2009 23:36	Holly Berry	1

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

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Analysis Report

Lancaster Laboratories Sample No. 5578617 WW Group No. 1128443

B-43 Water
BP Sanborn COC: 192717
2040 Cory Dr.-Sanborn, NY B-43

Collected:01/15/2009 14:15 by RCB Account Number: 12495

Submitted: 01/16/2009 09:45
Reported: 01/22/2009 at 20:56
Discard: 02/22/2009

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

CDS43

CAT No.	Analysis Name	CAS Number	As Received Result		As Received Method Detection Limit*	As Received Limit of Quantitation	Units	Dilution Factor
00310	8260B water special scan							
02281	Benzyl Chloride	100-44-7	N.D.		1.0	5.0	ug/l	1
05422	Bromobenzene	108-86-1	N.D.		1.0	5.0	ug/l	1
05432	1,3-Dichlorobenzene	541-73-1	N.D.		1.0	5.0	ug/l	1
05433	1,4-Dichlorobenzene	106-46-7	N.D.		1.0	5.0	ug/l	1
05435	1,2-Dichlorobenzene	95-50-1	N.D.		1.0	5.0	ug/l	1
07583	2-Chloroethyl Vinyl Ether	110-75-8	N.D.		2.0	10	ug/l	1
	2-Chloroethyl vinyl ether may not be recovered if acid was used to preserve this sample.							
06886	Appendix IX by 8260 - water							
05384	Dichlorodifluoromethane	75-71-8	N.D.		2.0	5.0	ug/l	1
05385	Chloromethane	74-87-3	N.D.		1.0	5.0	ug/l	1
05386	Vinyl Chloride	75-01-4	2.5	J	1.0	5.0	ug/l	1
05387	Bromomethane	74-83-9	N.D.		1.0	5.0	ug/l	1
05388	Chloroethane	75-00-3	N.D.		1.0	5.0	ug/l	1
05389	Trichlorofluoromethane	75-69-4	N.D.		2.0	5.0	ug/l	1
05390	1,1-Dichloroethene	75-35-4	N.D.		0.80	5.0	ug/l	1
05391	Methylene Chloride	75-09-2	N.D.		2.0	5.0	ug/l	1
05392	trans-1,2-Dichloroethene	156-60-5	N.D.		0.80	5.0	ug/l	1
05393	1,1-Dichloroethane	75-34-3	N.D.		1.0	5.0	ug/l	1
05395	cis-1,2-Dichloroethene	156-59-2	9.1		0.80	5.0	ug/l	1
05396	Chloroform	67-66-3	N.D.		0.80	5.0	ug/l	1
05398	1,1,1-Trichloroethane	71-55-6	N.D.		0.80	5.0	ug/l	1
05399	Carbon Tetrachloride	56-23-5	N.D.		1.0	5.0	ug/l	1
05402	1,2-Dichloroethane	107-06-2	N.D.		1.0	5.0	ug/l	1
05403	Trichloroethene	79-01-6	5.3		1.0	5.0	ug/l	1
05404	1,2-Dichloropropane	78-87-5	N.D.		1.0	5.0	ug/l	1
05405	Dibromomethane	74-95-3	N.D.		1.0	5.0	ug/l	1
05406	Bromodichloromethane	75-27-4	N.D.		1.0	5.0	ug/l	1
05408	1,1,2-Trichloroethane	79-00-5	N.D.		0.80	5.0	ug/l	1
05409	Tetrachloroethene	127-18-4	N.D.		0.80	5.0	ug/l	1
05411	Dibromochloromethane	124-48-1	N.D.		1.0	5.0	ug/l	1
05413	Chlorobenzene	108-90-7	N.D.		0.80	5.0	ug/l	1

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

Lancaster Laboratories Sample No. 5578617 WW Group No. 1128443

B-43 Water
BP Sanborn COC: 192717
2040 Cory Dr.-Sanborn, NY B-43

Collected:01/15/2009 14:15 by RCB Account Number: 12495

Submitted: 01/16/2009 09:45
Reported: 01/22/2009 at 20:56
Discard: 02/22/2009

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

CDS43

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit*	As Received Limit of Quantitation	Units	Dilution Factor
05414	1,1,1,2-Tetrachloroethane	630-20-6	N.D.	1.0	5.0	ug/l	1
05419	Bromoform	75-25-2	N.D.	1.0	5.0	ug/l	1
05421	1,1,2,2-Tetrachloroethane	79-34-5	N.D.	1.0	5.0	ug/l	1
05423	1,2,3-Trichloropropane	96-18-4	N.D.	1.0	5.0	ug/l	1
06306	trans-1,3-Dichloropropene	10061-02-6	N.D.	1.0	5.0	ug/l	1
06307	cis-1,3-Dichloropropene	10061-01-5	N.D.	1.0	5.0	ug/l	1

The pH of the GC/MS volatile fraction was pH = 7 at the time of analysis.

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

Laboratory Chronicle

CAT No.	Analysis Name	Method	Trial#	Analysis Date and Time	Analyst	Dilution Factor
00310	8260B water special scan	SW-846 8260B	1	01/21/2009 21:53	Holly Berry	1
06886	Appendix IX by 8260 - water	SW-846 8260B	1	01/21/2009 21:53	Holly Berry	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	01/21/2009 21:53	Holly Berry	1

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

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Analysis Report

Lancaster Laboratories Sample No. 5578618 WW Group No. 1128443

B-43 Matrix Spike Water
BP Sanborn COC: 192717
2040 Cory Dr.-Sanborn, NY B-43

Collected:01/15/2009 14:15 by RCB Account Number: 12495

Submitted: 01/16/2009 09:45
Reported: 01/22/2009 at 20:56
Discard: 02/22/2009

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

CDS43

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit*	As Received Limit of Quantitation	Units	Dilution Factor
00310	8260B water special scan						
02281	Benzyl Chloride	100-44-7	20	1.0	5.0	ug/l	1
05422	Bromobenzene	108-86-1	21	1.0	5.0	ug/l	1
05432	1,3-Dichlorobenzene	541-73-1	22	1.0	5.0	ug/l	1
05433	1,4-Dichlorobenzene	106-46-7	21	1.0	5.0	ug/l	1
05435	1,2-Dichlorobenzene	95-50-1	21	1.0	5.0	ug/l	1
07583	2-Chloroethyl Vinyl Ether	110-75-8	19	2.0	10	ug/l	1
	2-Chloroethyl vinyl ether may not be recovered if acid was used to preserve this sample.						
06886	Appendix IX by 8260 - water						
05384	Dichlorodifluoromethane	75-71-8	22	2.0	5.0	ug/l	1
05385	Chloromethane	74-87-3	21	1.0	5.0	ug/l	1
05386	Vinyl Chloride	75-01-4	22	1.0	5.0	ug/l	1
05387	Bromomethane	74-83-9	21	1.0	5.0	ug/l	1
05388	Chloroethane	75-00-3	20	1.0	5.0	ug/l	1
05389	Trichlorofluoromethane	75-69-4	22	2.0	5.0	ug/l	1
05390	1,1-Dichloroethene	75-35-4	22	0.80	5.0	ug/l	1
05391	Methylene Chloride	75-09-2	21	2.0	5.0	ug/l	1
05392	trans-1,2-Dichloroethene	156-60-5	22	0.80	5.0	ug/l	1
05393	1,1-Dichloroethane	75-34-3	21	1.0	5.0	ug/l	1
05395	cis-1,2-Dichloroethene	156-59-2	28	0.80	5.0	ug/l	1
05396	Chloroform	67-66-3	21	0.80	5.0	ug/l	1
05398	1,1,1-Trichloroethane	71-55-6	20	0.80	5.0	ug/l	1
05399	Carbon Tetrachloride	56-23-5	21	1.0	5.0	ug/l	1
05402	1,2-Dichloroethane	107-06-2	21	1.0	5.0	ug/l	1
05403	Trichloroethene	79-01-6	27	1.0	5.0	ug/l	1
05404	1,2-Dichloropropane	78-87-5	21	1.0	5.0	ug/l	1
05405	Dibromomethane	74-95-3	20	1.0	5.0	ug/l	1
05406	Bromodichloromethane	75-27-4	20	1.0	5.0	ug/l	1
05408	1,1,2-Trichloroethane	79-00-5	20	0.80	5.0	ug/l	1
05409	Tetrachloroethene	127-18-4	21	0.80	5.0	ug/l	1
05411	Dibromochloromethane	124-48-1	20	1.0	5.0	ug/l	1
05413	Chlorobenzene	108-90-7	20	0.80	5.0	ug/l	1

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

Lancaster Laboratories

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Analysis Report

Lancaster Laboratories Sample No. 5578618 WW Group No. 1128443

B-43 Matrix Spike Water
BP Sanborn COC: 192717
2040 Cory Dr.-Sanborn, NY B-43

Collected:01/15/2009 14:15 by RCB Account Number: 12495

Submitted: 01/16/2009 09:45
Reported: 01/22/2009 at 20:56
Discard: 02/22/2009

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

CDS43

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit*	As Received Limit of Quantitation	Units	Dilution Factor
05414	1,1,1,2-Tetrachloroethane	630-20-6	21	1.0	5.0	ug/l	1
05419	Bromoform	75-25-2	19	1.0	5.0	ug/l	1
05421	1,1,2,2-Tetrachloroethane	79-34-5	21	1.0	5.0	ug/l	1
05423	1,2,3-Trichloropropane	96-18-4	21	1.0	5.0	ug/l	1
06306	trans-1,3-Dichloropropene	10061-02-6	20	1.0	5.0	ug/l	1
06307	cis-1,3-Dichloropropene	10061-01-5	21	1.0	5.0	ug/l	1

The pH of the GC/MS volatile fraction was pH = 7 at the time of analysis.

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

Laboratory Chronicle

CAT No.	Analysis Name	Method	Trial#	Analysis Date and Time	Analyst	Dilution Factor
00310	8260B water special scan	SW-846 8260B	1	01/21/2009 22:14	Holly Berry	1
06886	Appendix IX by 8260 - water	SW-846 8260B	1	01/21/2009 22:14	Holly Berry	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	01/21/2009 22:14	Holly Berry	1

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

Lancaster Laboratories

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Analysis Report

Lancaster Laboratories Sample No. 5578619 WW Group No. 1128443

B-43 Matrix Spike Dup Water
BP Sanborn COC: 192717
2040 Cory Dr.-Sanborn, NY B-43

Collected:01/15/2009 14:15 by RCB Account Number: 12495

Submitted: 01/16/2009 09:45
Reported: 01/22/2009 at 20:56
Discard: 02/22/2009

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

CDS43

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit*	As Received Limit of Quantitation	Units	Dilution Factor
00310	8260B water special scan						
02281	Benzyl Chloride	100-44-7	20	1.0	5.0	ug/l	1
05422	Bromobenzene	108-86-1	21	1.0	5.0	ug/l	1
05432	1,3-Dichlorobenzene	541-73-1	21	1.0	5.0	ug/l	1
05433	1,4-Dichlorobenzene	106-46-7	21	1.0	5.0	ug/l	1
05435	1,2-Dichlorobenzene	95-50-1	20	1.0	5.0	ug/l	1
07583	2-Chloroethyl Vinyl Ether	110-75-8	19	2.0	10	ug/l	1
	2-Chloroethyl vinyl ether may not be recovered if acid was used to preserve this sample.						
06886	Appendix IX by 8260 - water						
05384	Dichlorodifluoromethane	75-71-8	24	2.0	5.0	ug/l	1
05385	Chloromethane	74-87-3	21	1.0	5.0	ug/l	1
05386	Vinyl Chloride	75-01-4	21	1.0	5.0	ug/l	1
05387	Bromomethane	74-83-9	23	1.0	5.0	ug/l	1
05388	Chloroethane	75-00-3	22	1.0	5.0	ug/l	1
05389	Trichlorofluoromethane	75-69-4	22	2.0	5.0	ug/l	1
05390	1,1-Dichloroethene	75-35-4	22	0.80	5.0	ug/l	1
05391	Methylene Chloride	75-09-2	20	2.0	5.0	ug/l	1
05392	trans-1,2-Dichloroethene	156-60-5	22	0.80	5.0	ug/l	1
05393	1,1-Dichloroethane	75-34-3	21	1.0	5.0	ug/l	1
05395	cis-1,2-Dichloroethene	156-59-2	29	0.80	5.0	ug/l	1
05396	Chloroform	67-66-3	21	0.80	5.0	ug/l	1
05398	1,1,1-Trichloroethane	71-55-6	21	0.80	5.0	ug/l	1
05399	Carbon Tetrachloride	56-23-5	21	1.0	5.0	ug/l	1
05402	1,2-Dichloroethane	107-06-2	21	1.0	5.0	ug/l	1
05403	Trichloroethene	79-01-6	27	1.0	5.0	ug/l	1
05404	1,2-Dichloropropane	78-87-5	21	1.0	5.0	ug/l	1
05405	Dibromomethane	74-95-3	20	1.0	5.0	ug/l	1
05406	Bromodichloromethane	75-27-4	20	1.0	5.0	ug/l	1
05408	1,1,2-Trichloroethane	79-00-5	20	0.80	5.0	ug/l	1
05409	Tetrachloroethene	127-18-4	21	0.80	5.0	ug/l	1
05411	Dibromochloromethane	124-48-1	20	1.0	5.0	ug/l	1
05413	Chlorobenzene	108-90-7	21	0.80	5.0	ug/l	1

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

Lancaster Laboratories Sample No. 5578619 WW Group No. 1128443

B-43 Matrix Spike Dup Water
BP Sanborn COC: 192717
2040 Cory Dr.-Sanborn, NY B-43

Collected:01/15/2009 14:15 by RCB Account Number: 12495

Submitted: 01/16/2009 09:45
Reported: 01/22/2009 at 20:56
Discard: 02/22/2009

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

CDS43

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit*	As Received Limit of Quantitation	Units	Dilution Factor
05414	1,1,1,2-Tetrachloroethane	630-20-6	20	1.0	5.0	ug/l	1
05419	Bromoform	75-25-2	19	1.0	5.0	ug/l	1
05421	1,1,2,2-Tetrachloroethane	79-34-5	21	1.0	5.0	ug/l	1
05423	1,2,3-Trichloropropane	96-18-4	21	1.0	5.0	ug/l	1
06306	trans-1,3-Dichloropropene	10061-02-6	21	1.0	5.0	ug/l	1
06307	cis-1,3-Dichloropropene	10061-01-5	21	1.0	5.0	ug/l	1

The pH of the GC/MS volatile fraction was pH = 7 at the time of analysis.

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

Laboratory Chronicle

CAT No.	Analysis Name	Method	Trial#	Analysis Date and Time	Analyst	Dilution Factor
00310	8260B water special scan	SW-846 8260B	1	01/21/2009 22:34	Holly Berry	1
06886	Appendix IX by 8260 - water	SW-846 8260B	1	01/21/2009 22:34	Holly Berry	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	01/21/2009 22:34	Holly Berry	1

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

Lancaster Laboratories

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Analysis Report

Lancaster Laboratories Sample No. 5578620 WW Group No. 1128443

PW-3 Water
BP Sanborn COC: 192717
2040 Cory Dr.-Sanborn, NY PW-3

Collected:01/15/2009 10:20 by RCB Account Number: 12495

Submitted: 01/16/2009 09:45
Reported: 01/22/2009 at 20:56
Discard: 02/22/2009

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

CDSP3

CAT No.	Analysis Name	CAS Number	As Received Result		As Received Method Detection Limit*	As Received Limit of Quantitation	Units	Dilution Factor
00310	8260B water special scan							
02281	Benzyl Chloride	100-44-7	N.D.		2.0	10	ug/l	2
05422	Bromobenzene	108-86-1	N.D.		2.0	10	ug/l	2
05432	1,3-Dichlorobenzene	541-73-1	N.D.		2.0	10	ug/l	2
05433	1,4-Dichlorobenzene	106-46-7	N.D.		2.0	10	ug/l	2
05435	1,2-Dichlorobenzene	95-50-1	N.D.		2.0	10	ug/l	2
07583	2-Chloroethyl Vinyl Ether	110-75-8	N.D.		4.0	20	ug/l	2
	2-Chloroethyl vinyl ether may not be recovered if acid was used to preserve this sample.							
06886	Appendix IX by 8260 - water							
05384	Dichlorodifluoromethane	75-71-8	N.D.		4.0	10	ug/l	2
05385	Chloromethane	74-87-3	N.D.		2.0	10	ug/l	2
05386	Vinyl Chloride	75-01-4	48		2.0	10	ug/l	2
05387	Bromomethane	74-83-9	N.D.		2.0	10	ug/l	2
05388	Chloroethane	75-00-3	N.D.		2.0	10	ug/l	2
05389	Trichlorofluoromethane	75-69-4	N.D.		4.0	10	ug/l	2
05390	1,1-Dichloroethene	75-35-4	3.2	J	1.6	10	ug/l	2
05391	Methylene Chloride	75-09-2	N.D.		4.0	10	ug/l	2
05392	trans-1,2-Dichloroethene	156-60-5	2.7	J	1.6	10	ug/l	2
05393	1,1-Dichloroethane	75-34-3	N.D.		2.0	10	ug/l	2
05395	cis-1,2-Dichloroethene	156-59-2	630		16	100	ug/l	20
05396	Chloroform	67-66-3	N.D.		1.6	10	ug/l	2
05398	1,1,1-Trichloroethane	71-55-6	N.D.		1.6	10	ug/l	2
05399	Carbon Tetrachloride	56-23-5	N.D.		2.0	10	ug/l	2
05402	1,2-Dichloroethane	107-06-2	N.D.		2.0	10	ug/l	2
05403	Trichloroethene	79-01-6	2,000		20	100	ug/l	20
05404	1,2-Dichloropropane	78-87-5	N.D.		2.0	10	ug/l	2
05405	Dibromomethane	74-95-3	N.D.		2.0	10	ug/l	2
05406	Bromodichloromethane	75-27-4	N.D.		2.0	10	ug/l	2
05408	1,1,2-Trichloroethane	79-00-5	N.D.		1.6	10	ug/l	2
05409	Tetrachloroethene	127-18-4	N.D.		1.6	10	ug/l	2
05411	Dibromochloromethane	124-48-1	N.D.		2.0	10	ug/l	2
05413	Chlorobenzene	108-90-7	N.D.		1.6	10	ug/l	2

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

Lancaster Laboratories Sample No. 5578620 WW Group No. 1128443

PW-3 Water
BP Sanborn COC: 192717
2040 Cory Dr.-Sanborn, NY PW-3

Collected:01/15/2009 10:20 by RCB Account Number: 12495

Submitted: 01/16/2009 09:45
Reported: 01/22/2009 at 20:56
Discard: 02/22/2009

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

CDSP3

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit*	As Received Limit of Quantitation	Units	Dilution Factor
05414	1,1,1,2-Tetrachloroethane	630-20-6	N.D.	2.0	10	ug/l	2
05419	Bromoform	75-25-2	N.D.	2.0	10	ug/l	2
05421	1,1,2,2-Tetrachloroethane	79-34-5	N.D.	2.0	10	ug/l	2
05423	1,2,3-Trichloropropane	96-18-4	N.D.	2.0	10	ug/l	2
06306	trans-1,3-Dichloropropene	10061-02-6	N.D.	2.0	10	ug/l	2
06307	cis-1,3-Dichloropropene	10061-01-5	N.D.	2.0	10	ug/l	2

The pH of the GC/MS volatile fraction was pH = 7 at the time of analysis.

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

Laboratory Chronicle

CAT No.	Analysis Name	Method	Trial#	Analysis Date and Time	Analyst	Dilution Factor
00310	8260B water special scan	SW-846 8260B	1	01/22/2009 00:17	Holly Berry	2
06886	Appendix IX by 8260 - water	SW-846 8260B	1	01/22/2009 00:17	Holly Berry	2
06886	Appendix IX by 8260 - water	SW-846 8260B	1	01/22/2009 00:38	Holly Berry	20
01163	GC/MS VOA Water Prep	SW-846 5030B	1	01/22/2009 00:17	Holly Berry	2
01163	GC/MS VOA Water Prep	SW-846 5030B	2	01/22/2009 00:38	Holly Berry	20

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

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Analysis Report

Lancaster Laboratories Sample No. 5578621 WW Group No. 1128443

B-8 Water
BP Sanborn COC: 192717
2040 Cory Dr.-Sanborn, NY B-8

Collected:01/15/2009 10:15 by RCB Account Number: 12495

Submitted: 01/16/2009 09:45
Reported: 01/22/2009 at 20:56
Discard: 02/22/2009

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

CDS08

CAT No.	Analysis Name	CAS Number	As Received Result		As Received Method Detection Limit*	As Received Limit of Quantitation	Units	Dilution Factor
00310	8260B water special scan							
02281	Benzyl Chloride	100-44-7	N.D.		50	250	ug/l	50
05422	Bromobenzene	108-86-1	N.D.		50	250	ug/l	50
05432	1,3-Dichlorobenzene	541-73-1	N.D.		50	250	ug/l	50
05433	1,4-Dichlorobenzene	106-46-7	N.D.		50	250	ug/l	50
05435	1,2-Dichlorobenzene	95-50-1	N.D.		50	250	ug/l	50
07583	2-Chloroethyl Vinyl Ether	110-75-8	N.D.		100	500	ug/l	50
	2-Chloroethyl vinyl ether may not be recovered if acid was used to preserve this sample.							
06886	Appendix IX by 8260 - water							
05384	Dichlorodifluoromethane	75-71-8	N.D.		100	250	ug/l	50
05385	Chloromethane	74-87-3	N.D.		50	250	ug/l	50
05386	Vinyl Chloride	75-01-4	87	J	50	250	ug/l	50
05387	Bromomethane	74-83-9	N.D.		50	250	ug/l	50
05388	Chloroethane	75-00-3	N.D.		50	250	ug/l	50
05389	Trichlorofluoromethane	75-69-4	N.D.		100	250	ug/l	50
05390	1,1-Dichloroethene	75-35-4	N.D.		40	250	ug/l	50
05391	Methylene Chloride	75-09-2	N.D.		100	250	ug/l	50
05392	trans-1,2-Dichloroethene	156-60-5	N.D.		40	250	ug/l	50
05393	1,1-Dichloroethane	75-34-3	N.D.		50	250	ug/l	50
05395	cis-1,2-Dichloroethene	156-59-2	3,100		40	250	ug/l	50
05396	Chloroform	67-66-3	N.D.		40	250	ug/l	50
05398	1,1,1-Trichloroethane	71-55-6	N.D.		40	250	ug/l	50
05399	Carbon Tetrachloride	56-23-5	N.D.		50	250	ug/l	50
05402	1,2-Dichloroethane	107-06-2	N.D.		50	250	ug/l	50
05403	Trichloroethene	79-01-6	63,000		500	2,500	ug/l	500
05404	1,2-Dichloropropane	78-87-5	N.D.		50	250	ug/l	50
05405	Dibromomethane	74-95-3	N.D.		50	250	ug/l	50
05406	Bromodichloromethane	75-27-4	N.D.		50	250	ug/l	50
05408	1,1,2-Trichloroethane	79-00-5	N.D.		40	250	ug/l	50
05409	Tetrachloroethene	127-18-4	N.D.		40	250	ug/l	50
05411	Dibromochloromethane	124-48-1	N.D.		50	250	ug/l	50
05413	Chlorobenzene	108-90-7	N.D.		40	250	ug/l	50

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

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Analysis Report

Lancaster Laboratories Sample No. 5578621 WW Group No. 1128443

B-8 Water
BP Sanborn COC: 192717
2040 Cory Dr.-Sanborn, NY B-8

Collected:01/15/2009 10:15 by RCB Account Number: 12495

Submitted: 01/16/2009 09:45
Reported: 01/22/2009 at 20:56
Discard: 02/22/2009

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

CDS08

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit*	As Received Limit of Quantitation	Units	Dilution Factor
05414	1,1,1,2-Tetrachloroethane	630-20-6	N.D.	50	250	ug/l	50
05419	Bromoform	75-25-2	N.D.	50	250	ug/l	50
05421	1,1,2,2-Tetrachloroethane	79-34-5	N.D.	50	250	ug/l	50
05423	1,2,3-Trichloropropane	96-18-4	N.D.	50	250	ug/l	50
06306	trans-1,3-Dichloropropene	10061-02-6	N.D.	50	250	ug/l	50
06307	cis-1,3-Dichloropropene	10061-01-5	N.D.	50	250	ug/l	50

The pH of the GC/MS volatile fraction was pH = 7 at the time of analysis.

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

Laboratory Chronicle

CAT No.	Analysis Name	Method	Trial#	Analysis Date and Time	Analyst	Dilution Factor
00310	8260B water special scan	SW-846 8260B	1	01/22/2009 00:59	Holly Berry	50
06886	Appendix IX by 8260 - water	SW-846 8260B	1	01/22/2009 00:59	Holly Berry	50
06886	Appendix IX by 8260 - water	SW-846 8260B	1	01/22/2009 01:19	Holly Berry	500
01163	GC/MS VOA Water Prep	SW-846 5030B	1	01/22/2009 00:59	Holly Berry	50
01163	GC/MS VOA Water Prep	SW-846 5030B	2	01/22/2009 01:19	Holly Berry	500

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

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Analysis Report

Lancaster Laboratories Sample No. 5578622 WW Group No. 1128443

B-6 Water
BP Sanborn COC: 192717
2040 Cory Dr.-Sanborn, NY B-6

Collected:01/15/2009 09:35 by RCB Account Number: 12495

Submitted: 01/16/2009 09:45
Reported: 01/22/2009 at 20:56
Discard: 02/22/2009

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

CDS06

CAT No.	Analysis Name	CAS Number	As Received Result		As Received Method Detection Limit*	As Received Limit of Quantitation	Units	Dilution Factor
00310	8260B water special scan							
02281	Benzyl Chloride	100-44-7	N.D.		1.0	5.0	ug/l	1
05422	Bromobenzene	108-86-1	N.D.		1.0	5.0	ug/l	1
05432	1,3-Dichlorobenzene	541-73-1	N.D.		1.0	5.0	ug/l	1
05433	1,4-Dichlorobenzene	106-46-7	N.D.		1.0	5.0	ug/l	1
05435	1,2-Dichlorobenzene	95-50-1	N.D.		1.0	5.0	ug/l	1
07583	2-Chloroethyl Vinyl Ether	110-75-8	N.D.		2.0	10	ug/l	1
	2-Chloroethyl vinyl ether may not be recovered if acid was used to preserve this sample.							
06886	Appendix IX by 8260 - water							
05384	Dichlorodifluoromethane	75-71-8	N.D.		2.0	5.0	ug/l	1
05385	Chloromethane	74-87-3	N.D.		1.0	5.0	ug/l	1
05386	Vinyl Chloride	75-01-4	N.D.		1.0	5.0	ug/l	1
05387	Bromomethane	74-83-9	N.D.		1.0	5.0	ug/l	1
05388	Chloroethane	75-00-3	N.D.		1.0	5.0	ug/l	1
05389	Trichlorofluoromethane	75-69-4	N.D.		2.0	5.0	ug/l	1
05390	1,1-Dichloroethene	75-35-4	N.D.		0.80	5.0	ug/l	1
05391	Methylene Chloride	75-09-2	N.D.		2.0	5.0	ug/l	1
05392	trans-1,2-Dichloroethene	156-60-5	0.92	J	0.80	5.0	ug/l	1
05393	1,1-Dichloroethane	75-34-3	N.D.		1.0	5.0	ug/l	1
05395	cis-1,2-Dichloroethene	156-59-2	26		0.80	5.0	ug/l	1
05396	Chloroform	67-66-3	N.D.		0.80	5.0	ug/l	1
05398	1,1,1-Trichloroethane	71-55-6	N.D.		0.80	5.0	ug/l	1
05399	Carbon Tetrachloride	56-23-5	N.D.		1.0	5.0	ug/l	1
05402	1,2-Dichloroethane	107-06-2	N.D.		1.0	5.0	ug/l	1
05403	Trichloroethene	79-01-6	210		1.0	5.0	ug/l	1
05404	1,2-Dichloropropane	78-87-5	N.D.		1.0	5.0	ug/l	1
05405	Dibromomethane	74-95-3	N.D.		1.0	5.0	ug/l	1
05406	Bromodichloromethane	75-27-4	N.D.		1.0	5.0	ug/l	1
05408	1,1,2-Trichloroethane	79-00-5	N.D.		0.80	5.0	ug/l	1
05409	Tetrachloroethene	127-18-4	N.D.		0.80	5.0	ug/l	1
05411	Dibromochloromethane	124-48-1	N.D.		1.0	5.0	ug/l	1
05413	Chlorobenzene	108-90-7	N.D.		0.80	5.0	ug/l	1

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

Lancaster Laboratories Sample No. 5578622 WW Group No. 1128443

B-6 Water
BP Sanborn COC: 192717
2040 Cory Dr.-Sanborn, NY B-6

Collected:01/15/2009 09:35 by RCB Account Number: 12495

Submitted: 01/16/2009 09:45
Reported: 01/22/2009 at 20:56
Discard: 02/22/2009

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

CDS06

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit*	As Received Limit of Quantitation	Units	Dilution Factor
05414	1,1,1,2-Tetrachloroethane	630-20-6	N.D.	1.0	5.0	ug/l	1
05419	Bromoform	75-25-2	N.D.	1.0	5.0	ug/l	1
05421	1,1,2,2-Tetrachloroethane	79-34-5	N.D.	1.0	5.0	ug/l	1
05423	1,2,3-Trichloropropane	96-18-4	N.D.	1.0	5.0	ug/l	1
06306	trans-1,3-Dichloropropene	10061-02-6	N.D.	1.0	5.0	ug/l	1
06307	cis-1,3-Dichloropropene	10061-01-5	N.D.	1.0	5.0	ug/l	1

The pH of the GC/MS volatile fraction was pH = 7 at the time of analysis.

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

Laboratory Chronicle

CAT No.	Analysis Name	Method	Trial#	Analysis Date and Time	Analyst	Dilution Factor
00310	8260B water special scan	SW-846 8260B	1	01/21/2009 23:57	Holly Berry	1
06886	Appendix IX by 8260 - water	SW-846 8260B	1	01/21/2009 23:57	Holly Berry	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	01/21/2009 23:57	Holly Berry	1

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

Lancaster Laboratories

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Analysis Report

Quality Control Summary

Client Name: Atlantic Richfield(Parsons-NY) Group Number: 1128443
Reported: 01/22/09 at 08:56 PM

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.

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: Y090211AA	Sample number(s): 5578616-5578622								
Benzyl Chloride	N.D.	1.0	5.0	ug/l	101		64-119		
Dichlorodifluoromethane	N.D.	2.0	5.0	ug/l	103		45-158		
Chloromethane	N.D.	1.0	5.0	ug/l	102		47-133		
Vinyl Chloride	N.D.	1.0	5.0	ug/l	89		62-128		
Bromomethane	N.D.	1.0	5.0	ug/l	98		50-128		
Chloroethane	N.D.	1.0	5.0	ug/l	93		56-128		
Trichlorofluoromethane	N.D.	2.0	5.0	ug/l	98		60-137		
1,1-Dichloroethene	N.D.	0.80	5.0	ug/l	101		76-122		
Methylene Chloride	N.D.	2.0	5.0	ug/l	100		85-120		
trans-1,2-Dichloroethene	N.D.	0.80	5.0	ug/l	97		83-117		
1,1-Dichloroethane	N.D.	1.0	5.0	ug/l	102		83-127		
cis-1,2-Dichloroethene	N.D.	0.80	5.0	ug/l	99		84-117		
Chloroform	N.D.	0.80	5.0	ug/l	102		77-125		
1,1,1-Trichloroethane	N.D.	0.80	5.0	ug/l	96		83-127		
Carbon Tetrachloride	N.D.	1.0	5.0	ug/l	99		77-130		
1,2-Dichloroethane	N.D.	1.0	5.0	ug/l	102		69-135		
Trichloroethene	N.D.	1.0	5.0	ug/l	101		87-117		
1,2-Dichloropropane	N.D.	1.0	5.0	ug/l	100		80-117		
Dibromomethane	N.D.	1.0	5.0	ug/l	98		87-117		
Bromodichloromethane	N.D.	1.0	5.0	ug/l	97		83-121		
1,1,2-Trichloroethane	N.D.	0.80	5.0	ug/l	99		86-113		
Tetrachloroethene	N.D.	0.80	5.0	ug/l	96		76-118		
Dibromochloromethane	N.D.	1.0	5.0	ug/l	97		78-119		
Chlorobenzene	N.D.	0.80	5.0	ug/l	100		85-115		
1,1,1,2-Tetrachloroethane	N.D.	1.0	5.0	ug/l	100		83-114		
Bromoform	N.D.	1.0	5.0	ug/l	94		69-118		
1,1,2,2-Tetrachloroethane	N.D.	1.0	5.0	ug/l	102		72-119		
Bromobenzene	N.D.	1.0	5.0	ug/l	104		82-110		
1,2,3-Trichloropropane	N.D.	1.0	5.0	ug/l	103		78-117		
1,3-Dichlorobenzene	N.D.	1.0	5.0	ug/l	104		81-114		
1,4-Dichlorobenzene	N.D.	1.0	5.0	ug/l	104		84-116		
1,2-Dichlorobenzene	N.D.	1.0	5.0	ug/l	101		81-112		
trans-1,3-Dichloropropene	N.D.	1.0	5.0	ug/l	98		79-114		
cis-1,3-Dichloropropene	N.D.	1.0	5.0	ug/l	100		78-114		
2-Chloroethyl Vinyl Ether	N.D.	2.0	10	ug/l	94		51-142		

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: 1128443
Reported: 01/22/09 at 08:56 PM

Analysis Name	%REC	%REC	Limits	RPD	MAX	Conc	Conc	RPD	Max
Batch number: Y090211AA	Sample number(s): 5578616-5578622 UNSPK: 5578617								
Benzyl Chloride	99	101	65-119	2	30				
Dichlorodifluoromethane	111	120	52-192	8	30				
Chloromethane	107	107	58-157	1	30				
Vinyl Chloride	97	95	68-147	2	30				
Bromomethane	105	113	54-140	7	30				
Chloroethane	101	109	60-140	8	30				
Trichlorofluoromethane	108	111	68-163	3	30				
1,1-Dichloroethene	109	111	87-145	2	30				
Methylene Chloride	104	100	79-133	3	30				
trans-1,2-Dichloroethene	108	109	82-133	1	30				
1,1-Dichloroethane	106	107	85-135	1	30				
cis-1,2-Dichloroethene	95	99	83-126	3	30				
Chloroform	103	105	83-139	2	30				
1,1,1-Trichloroethane	102	103	81-142	0	30				
Carbon Tetrachloride	104	104	82-149	0	30				
1,2-Dichloroethane	103	106	70-143	2	30				
Trichloroethene	106	109	83-136	2	30				
1,2-Dichloropropane	104	104	83-129	0	30				
Dibromomethane	100	101	82-128	1	30				
Bromodichloromethane	99	102	80-137	2	30				
1,1,2-Trichloroethane	100	102	77-125	2	30				
Tetrachloroethene	106	105	78-133	1	30				
Dibromochloromethane	99	100	80-128	1	30				
Chlorobenzene	102	105	83-120	3	30				
1,1,1,2-Tetrachloroethane	103	100	83-119	3	30				
Bromoform	96	97	64-119	1	30				
1,1,2,2-Tetrachloroethane	103	104	73-121	1	30				
Bromobenzene	105	105	83-121	0	30				
1,2,3-Trichloropropane	105	103	73-125	2	30				
1,3-Dichlorobenzene	108	104	79-123	3	30				
1,4-Dichlorobenzene	104	104	81-122	0	30				
1,2-Dichlorobenzene	103	99	82-117	5	30				
trans-1,3-Dichloropropene	101	104	77-123	3	30				
cis-1,3-Dichloropropene	103	103	72-124	0	30				
2-Chloroethyl Vinyl Ether	96	97	1-156	1	30				

Surrogate Quality Control

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

Analysis Name: Appendix IX by 8260 - water
Batch number: Y090211AA

	Dibromofluoromethane	1,2-Dichloroethane-d4	Toluene-d8	4-Bromofluorobenzene
5578616	86	84	88	86
5578617	85	86	87	85
5578618	85	87	89	87
5578619	86	89	89	86
5578620	85	85	88	87
5578621	85	87	88	87
5578622	84	84	89	87
Blank	86	86	88	88
LCS	85	84	88	87

*- 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: 1128443
Reported: 01/22/09 at 08:56 PM

Surrogate Quality Control

MS	85	87	89	87
MSD	86	89	89	86
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 #: 1128443

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 Chronicle 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.

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:

06886: Appendix IX by 8260 - water

Sample #s: 5578616, 5578617, 5578618, 5578619, 5578620, 5578621, 5578622

The pH of the GC/MS volatile fraction was pH = 7 at the time of analysis.

acct#12495 Cp#1128443 Sample#5578616-23

Atlantic Richfield Company A BP affiliated company

Laboratory Management Program LaMP Chain of Custody Record

192717

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 17605	City, State, ZIP Code: Sanborn, NY 14132	Consultant/Contractor Project No: 444183-01035
Lab PM: Jessica Okrafski	Lead Regulatory Agency: NYSDEC	Address: 40 LaRiviere Dr. Suite 350 Buffalo NY
Lab Phone: (717) 656-2300 x1815	California Global ID No.:	Consultant/Contractor PM: George Hermance
Lab Shipping Accnt:	Enfos Proposal No: 00100-0126	Phone: (716) 407-4790
Lab Bottle Order No:	Accounting Mode: (Provision) ___ OOC-BU ___ OOC-RM ___	Email EDD To: Lorraine Weber
Other Info:	Stage: Activity:	Invoice To: BP/ARC ✓ Contractor ___
BP/ARC EBM: William Barber		
EBM Phone: (716) 271-3038		
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	1/15/09	1355		X		3	X					X	
	B-43	1/15/09	1415		X		3	X					X	
	B-43 MS	|	|		X		3	X					X	
	B-43 MSD	|	|		X		3	X					X	
	PW-3	1/15/09	1020		X		3	X					X	
	B-8	1/15/09	1015		X		3	X					X	
	B-6	1/15/09	9:35		X		3	X					X	

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	1/15/09	515			
Sampler's Company: O+M Enterprises, Inc.						
Shipment Method: Fed Ex Ship Date: 1/15/09						
Shipment Tracking No: 864843113971				[signature] LLI	1/16/09	945

Special Instructions:

THIS LINE - LAB USE ONLY: Custody Seals In Place: Yes / (No) | Temp Blank: (Yes) / No | Cooler Temp on Receipt: 2.4 °F/(C) | Trip Blank: (Yes) / No | MS/MSD Sample Submitted: (Yes) / No

Laboratory Copy

Lancaster Laboratories
2425 New Holland Pike • Lancaster, PA 17601

Environmental Sample Administration
Receipt Documentation Log

Client/Project: Parsons

Date of Receipt: 1/16/09

Time of Receipt: 0945

Source Code: 561

Unpacker Emp. No.: 2316

Shipping Container Sealed: (YES) NO

Custody Seal Present: YES (NO)

Custody Seal Intact: YES NO (NA)

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	0425943	2.8°C	TB	WI	Y	B	
2							
3							
4							
5							
6							

Number of Trip Blanks received NOT listed on chain of custody: 0 (reg) 1/16/09 2

Paperwork Discrepancy/Unpacking Problems:

- Received 2 broken vials due to being frozen - B-8 and B-43 MSD.
  - Enough volume remaining for analysis. gpw 1/19/09

Sample Administration Internal Chain of Custody			
Name	Date	Time	Reason for Transfer
[illegible]	1/16/09	1416	Unpacking to storage
Tammy Heberl	1/16/09	1452	Place in Storage or (Entry)
			Entry
			Entry

Lancaster Laboratories
Explanation of Symbols and Abbreviations

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

N.D.	none detected	**BMQL**	Below Minimum Quantitation Level
TNTC	Too Numerous To Count	**MPN**	Most Probable Number
IU	International Units	**CP Units**	cobalt-chloroplatinate units
umhos/cm	micromhos/cm	**NTU**	nephelometric turbidity units
C	degrees Celsius	**F**	degrees Fahrenheit
Cal	(diet) calories	**lb.**	pound(s)
meq	milliequivalents	**kg**	kilogram(s)
g	gram(s)	**mg**	milligram(s)
ug	microgram(s)	**l**	liter(s)
ml	milliliter(s)	**ul**	microliter(s)
m3	cubic meter(s)	**fib >5 um/ml**	fibers greater than 5 microns in length per ml

< 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

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.

U.S. EPA 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 quatitated on a diluted sample
E	Concentration exceeds the calibration range of the instrument
J	Estimated value
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 amount 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 for methods listed on the laboratories' accreditation scope meet all requirements of NELAC unless otherwise noted under the individual analysis.

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.

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Analysis Report

ANALYTICAL RESULTS

Prepared for:

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

281-366-2000

Prepared by:

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

SAMPLE GROUP

The sample group for this submittal is 1129101. Samples arrived at the laboratory on Thursday, January 22, 2009. The PO# for this group is 001Q0-0126 and the release number is BARBER.

Client Description	Lancaster Labs Number
B-9 Water	5582424
B-39 Water	5582425
B-40 Water	5582426
B-41 Water	5582427
P-2 Water	5582428
P-3 Water	5582429
PW-4 Water	5582430
B-42 Water	5582431
B-38 Water	5582432
Field Dup #3 Water	5582433

1 COPY TO	Parsons	Attn: George Hermance
ELECTRONIC COPY TO	Parsons	Attn: Lorraine Weber

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Analysis Report

Questions? Contact your Client Services Representative
Jessica A Oknefski at (717) 656-2300

Respectfully Submitted,

Christine Dulaney
Senior Specialist

Lancaster Laboratories

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Analysis Report

Lancaster Laboratories Sample No. 5582424 WW Group No. 1129101

B-9 Water
BP Sanborn COC: 192718
2040 Cory Dr - Sanborn, NY B-9

Collected:01/21/2009 09:20 by RCB

Account Number: 12495

Submitted: 01/22/2009 09:10
Reported: 02/03/2009 at 11:35
Discard: 03/06/2009

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

CSAB9

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit*	As Received Limit of Quantitation	Units	Dilution Factor
00310	8260B water special scan						
02281	Benzyl Chloride	100-44-7	N.D.	1.0	5.0	ug/l	1
05422	Bromobenzene	108-86-1	N.D.	1.0	5.0	ug/l	1
05432	1,3-Dichlorobenzene	541-73-1	N.D.	1.0	5.0	ug/l	1
05433	1,4-Dichlorobenzene	106-46-7	N.D.	1.0	5.0	ug/l	1
05435	1,2-Dichlorobenzene	95-50-1	N.D.	1.0	5.0	ug/l	1
07583	2-Chloroethyl Vinyl Ether	110-75-8	N.D.	2.0	10	ug/l	1
	2-Chloroethyl vinyl ether may not be recovered if acid was used to preserve this sample.						
06886	Appendix IX by 8260 - water						
05384	Dichlorodifluoromethane	75-71-8	N.D.	2.0	5.0	ug/l	1
05385	Chloromethane	74-87-3	N.D.	1.0	5.0	ug/l	1
05386	Vinyl Chloride	75-01-4	N.D.	1.0	5.0	ug/l	1
05387	Bromomethane	74-83-9	N.D.	1.0	5.0	ug/l	1
05388	Chloroethane	75-00-3	N.D.	1.0	5.0	ug/l	1
05389	Trichlorofluoromethane	75-69-4	N.D.	2.0	5.0	ug/l	1
05390	1,1-Dichloroethene	75-35-4	N.D.	0.80	5.0	ug/l	1
05391	Methylene Chloride	75-09-2	N.D.	2.0	5.0	ug/l	1
05392	trans-1,2-Dichloroethene	156-60-5	N.D.	0.80	5.0	ug/l	1
05393	1,1-Dichloroethane	75-34-3	N.D.	1.0	5.0	ug/l	1
05395	cis-1,2-Dichloroethene	156-59-2	N.D.	0.80	5.0	ug/l	1
05396	Chloroform	67-66-3	N.D.	0.80	5.0	ug/l	1
05398	1,1,1-Trichloroethane	71-55-6	N.D.	0.80	5.0	ug/l	1
05399	Carbon Tetrachloride	56-23-5	N.D.	1.0	5.0	ug/l	1
05402	1,2-Dichloroethane	107-06-2	N.D.	1.0	5.0	ug/l	1
05403	Trichloroethene	79-01-6	N.D.	1.0	5.0	ug/l	1
05404	1,2-Dichloropropane	78-87-5	N.D.	1.0	5.0	ug/l	1
05405	Dibromomethane	74-95-3	N.D.	1.0	5.0	ug/l	1
05406	Bromodichloromethane	75-27-4	N.D.	1.0	5.0	ug/l	1
05408	1,1,2-Trichloroethane	79-00-5	N.D.	0.80	5.0	ug/l	1
05409	Tetrachloroethene	127-18-4	N.D.	0.80	5.0	ug/l	1
05411	Dibromochloromethane	124-48-1	N.D.	1.0	5.0	ug/l	1
05413	Chlorobenzene	108-90-7	N.D.	0.80	5.0	ug/l	1

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

Lancaster Laboratories Sample No. 5582424 WW Group No. 1129101

B-9 Water
BP Sanborn COC: 192718
2040 Cory Dr - Sanborn, NY B-9

Collected:01/21/2009 09:20 by RCB Account Number: 12495

Submitted: 01/22/2009 09:10
Reported: 02/03/2009 at 11:35
Discard: 03/06/2009

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

CSAB9

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit*	As Received Limit of Quantitation	Units	Dilution Factor
05414	1,1,1,2-Tetrachloroethane	630-20-6	N.D.	1.0	5.0	ug/l	1
05419	Bromoform	75-25-2	N.D.	1.0	5.0	ug/l	1
05421	1,1,2,2-Tetrachloroethane	79-34-5	N.D.	1.0	5.0	ug/l	1
05423	1,2,3-Trichloropropane	96-18-4	N.D.	1.0	5.0	ug/l	1
06306	trans-1,3-Dichloropropene	10061-02-6	N.D.	1.0	5.0	ug/l	1
06307	cis-1,3-Dichloropropene	10061-01-5	N.D.	1.0	5.0	ug/l	1

The pH of the GC/MS volatile fraction was pH = 7 at the time of analysis.

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

Laboratory Chronicle

CAT No.	Analysis Name	Method	Trial#	Analysis Date and Time	Analyst	Dilution Factor
00310	8260B water special scan	SW-846 8260B	1	01/26/2009 15:04	Nicholas R Rossi	1
06886	Appendix IX by 8260 - water	SW-846 8260B	1	01/26/2009 15:04	Nicholas R Rossi	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	01/26/2009 15:04	Nicholas R Rossi	1

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

Lancaster Laboratories

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Analysis Report

Lancaster Laboratories Sample No. 5582425 WW Group No. 1129101

B-39 Water
BP Sanborn COC: 192718
2040 Cory Dr - Sanborn, NY B-39

Collected:01/21/2009 10:20 by RCB Account Number: 12495

Submitted: 01/22/2009 09:10
Reported: 02/03/2009 at 11:35
Discard: 03/06/2009

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

CSB39

CAT No.	Analysis Name	CAS Number	As Received Result		As Received Method Detection Limit*	As Received Limit of Quantitation	Units	Dilution Factor
00310	8260B water special scan							
02281	Benzyl Chloride	100-44-7	N.D.		1.0	5.0	ug/l	1
05422	Bromobenzene	108-86-1	N.D.		1.0	5.0	ug/l	1
05432	1,3-Dichlorobenzene	541-73-1	N.D.		1.0	5.0	ug/l	1
05433	1,4-Dichlorobenzene	106-46-7	N.D.		1.0	5.0	ug/l	1
05435	1,2-Dichlorobenzene	95-50-1	N.D.		1.0	5.0	ug/l	1
07583	2-Chloroethyl Vinyl Ether	110-75-8	N.D.		2.0	10	ug/l	1
	2-Chloroethyl vinyl ether may not be recovered if acid was used to preserve this sample.							
06886	Appendix IX by 8260 - water							
05384	Dichlorodifluoromethane	75-71-8	N.D.		2.0	5.0	ug/l	1
05385	Chloromethane	74-87-3	N.D.		1.0	5.0	ug/l	1
05386	Vinyl Chloride	75-01-4	N.D.		1.0	5.0	ug/l	1
05387	Bromomethane	74-83-9	N.D.		1.0	5.0	ug/l	1
05388	Chloroethane	75-00-3	N.D.		1.0	5.0	ug/l	1
05389	Trichlorofluoromethane	75-69-4	N.D.		2.0	5.0	ug/l	1
05390	1,1-Dichloroethene	75-35-4	N.D.		0.80	5.0	ug/l	1
05391	Methylene Chloride	75-09-2	N.D.		2.0	5.0	ug/l	1
05392	trans-1,2-Dichloroethene	156-60-5	N.D.		0.80	5.0	ug/l	1
05393	1,1-Dichloroethane	75-34-3	N.D.		1.0	5.0	ug/l	1
05395	cis-1,2-Dichloroethene	156-59-2	0.86	J	0.80	5.0	ug/l	1
05396	Chloroform	67-66-3	N.D.		0.80	5.0	ug/l	1
05398	1,1,1-Trichloroethane	71-55-6	N.D.		0.80	5.0	ug/l	1
05399	Carbon Tetrachloride	56-23-5	N.D.		1.0	5.0	ug/l	1
05402	1,2-Dichloroethane	107-06-2	N.D.		1.0	5.0	ug/l	1
05403	Trichloroethene	79-01-6	2.5	J	1.0	5.0	ug/l	1
05404	1,2-Dichloropropane	78-87-5	N.D.		1.0	5.0	ug/l	1
05405	Dibromomethane	74-95-3	N.D.		1.0	5.0	ug/l	1
05406	Bromodichloromethane	75-27-4	N.D.		1.0	5.0	ug/l	1
05408	1,1,2-Trichloroethane	79-00-5	N.D.		0.80	5.0	ug/l	1
05409	Tetrachloroethene	127-18-4	N.D.		0.80	5.0	ug/l	1
05411	Dibromochloromethane	124-48-1	N.D.		1.0	5.0	ug/l	1
05413	Chlorobenzene	108-90-7	N.D.		0.80	5.0	ug/l	1

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

Lancaster Laboratories Sample No. 5582425 WW Group No. 1129101

B-39 Water
BP Sanborn COC: 192718
2040 Cory Dr - Sanborn, NY B-39

Collected:01/21/2009 10:20 by RCB Account Number: 12495

Submitted: 01/22/2009 09:10
Reported: 02/03/2009 at 11:35
Discard: 03/06/2009

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

CSB39

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit*	As Received Limit of Quantitation	Units	Dilution Factor
05414	1,1,1,2-Tetrachloroethane	630-20-6	N.D.	1.0	5.0	ug/l	1
05419	Bromoform	75-25-2	N.D.	1.0	5.0	ug/l	1
05421	1,1,2,2-Tetrachloroethane	79-34-5	N.D.	1.0	5.0	ug/l	1
05423	1,2,3-Trichloropropane	96-18-4	N.D.	1.0	5.0	ug/l	1
06306	trans-1,3-Dichloropropene	10061-02-6	N.D.	1.0	5.0	ug/l	1
06307	cis-1,3-Dichloropropene	10061-01-5	N.D.	1.0	5.0	ug/l	1

The pH of the GC/MS volatile fraction was pH = 7 at the time of analysis.

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

Laboratory Chronicle

CAT No.	Analysis Name	Method	Trial#	Analysis Date and Time	Analyst	Dilution Factor
00310	8260B water special scan	SW-846 8260B	1	01/26/2009 15:25	Nicholas R Rossi	1
06886	Appendix IX by 8260 - water	SW-846 8260B	1	01/26/2009 15:25	Nicholas R Rossi	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	01/26/2009 15:25	Nicholas R Rossi	1

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

Lancaster Laboratories

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Analysis Report

Lancaster Laboratories Sample No. 5582426 WW Group No. 1129101

B-40 Water
BP Sanborn COC: 192718
2040 Cory Dr - Sanborn, NY B-40

Collected:01/21/2009 09:35 by RCB Account Number: 12495

Submitted: 01/22/2009 09:10
Reported: 02/03/2009 at 11:35
Discard: 03/06/2009

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

CSB40

CAT No.	Analysis Name	CAS Number	As Received Result		As Received Method Detection Limit*	As Received Limit of Quantitation	Units	Dilution Factor
00310	8260B water special scan							
02281	Benzyl Chloride	100-44-7	N.D.		1.0	5.0	ug/l	1
05422	Bromobenzene	108-86-1	N.D.		1.0	5.0	ug/l	1
05432	1,3-Dichlorobenzene	541-73-1	N.D.		1.0	5.0	ug/l	1
05433	1,4-Dichlorobenzene	106-46-7	N.D.		1.0	5.0	ug/l	1
05435	1,2-Dichlorobenzene	95-50-1	N.D.		1.0	5.0	ug/l	1
07583	2-Chloroethyl Vinyl Ether	110-75-8	N.D.		2.0	10	ug/l	1
	2-Chloroethyl vinyl ether may not be recovered if acid was used to preserve this sample.							
06886	Appendix IX by 8260 - water							
05384	Dichlorodifluoromethane	75-71-8	N.D.		2.0	5.0	ug/l	1
05385	Chloromethane	74-87-3	N.D.		1.0	5.0	ug/l	1
05386	Vinyl Chloride	75-01-4	N.D.		1.0	5.0	ug/l	1
05387	Bromomethane	74-83-9	N.D.		1.0	5.0	ug/l	1
05388	Chloroethane	75-00-3	N.D.		1.0	5.0	ug/l	1
05389	Trichlorofluoromethane	75-69-4	N.D.		2.0	5.0	ug/l	1
05390	1,1-Dichloroethene	75-35-4	N.D.		0.80	5.0	ug/l	1
05391	Methylene Chloride	75-09-2	N.D.		2.0	5.0	ug/l	1
05392	trans-1,2-Dichloroethene	156-60-5	N.D.		0.80	5.0	ug/l	1
05393	1,1-Dichloroethane	75-34-3	N.D.		1.0	5.0	ug/l	1
05395	cis-1,2-Dichloroethene	156-59-2	5.9		0.80	5.0	ug/l	1
05396	Chloroform	67-66-3	N.D.		0.80	5.0	ug/l	1
05398	1,1,1-Trichloroethane	71-55-6	N.D.		0.80	5.0	ug/l	1
05399	Carbon Tetrachloride	56-23-5	N.D.		1.0	5.0	ug/l	1
05402	1,2-Dichloroethane	107-06-2	N.D.		1.0	5.0	ug/l	1
05403	Trichloroethene	79-01-6	2.9	J	1.0	5.0	ug/l	1
05404	1,2-Dichloropropane	78-87-5	N.D.		1.0	5.0	ug/l	1
05405	Dibromomethane	74-95-3	N.D.		1.0	5.0	ug/l	1
05406	Bromodichloromethane	75-27-4	N.D.		1.0	5.0	ug/l	1
05408	1,1,2-Trichloroethane	79-00-5	N.D.		0.80	5.0	ug/l	1
05409	Tetrachloroethene	127-18-4	N.D.		0.80	5.0	ug/l	1
05411	Dibromochloromethane	124-48-1	N.D.		1.0	5.0	ug/l	1
05413	Chlorobenzene	108-90-7	N.D.		0.80	5.0	ug/l	1

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

Lancaster Laboratories Sample No. 5582426 WW Group No. 1129101

B-40 Water
BP Sanborn COC: 192718
2040 Cory Dr - Sanborn, NY B-40

Collected:01/21/2009 09:35 by RCB Account Number: 12495

Submitted: 01/22/2009 09:10
Reported: 02/03/2009 at 11:35
Discard: 03/06/2009

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

CSB40

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit*	As Received Limit of Quantitation	Units	Dilution Factor
05414	1,1,1,2-Tetrachloroethane	630-20-6	N.D.	1.0	5.0	ug/l	1
05419	Bromoform	75-25-2	N.D.	1.0	5.0	ug/l	1
05421	1,1,2,2-Tetrachloroethane	79-34-5	N.D.	1.0	5.0	ug/l	1
05423	1,2,3-Trichloropropane	96-18-4	N.D.	1.0	5.0	ug/l	1
06306	trans-1,3-Dichloropropene	10061-02-6	N.D.	1.0	5.0	ug/l	1
06307	cis-1,3-Dichloropropene	10061-01-5	N.D.	1.0	5.0	ug/l	1

The pH of the GC/MS volatile fraction was pH = 7 at the time of analysis.

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

Laboratory Chronicle

CAT No.	Analysis Name	Method	Trial#	Analysis Date and Time	Analyst	Dilution Factor
00310	8260B water special scan	SW-846 8260B	1	01/26/2009 16:06	Nicholas R Rossi	1
06886	Appendix IX by 8260 - water	SW-846 8260B	1	01/26/2009 16:06	Nicholas R Rossi	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	01/26/2009 16:06	Nicholas R Rossi	1

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

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Analysis Report

Lancaster Laboratories Sample No. 5582427 WW Group No. 1129101

B-41 Water
BP Sanborn COC: 192718
2040 Cory Dr - Sanborn, NY B-41

Collected:01/21/2009 09:25 by RCB Account Number: 12495

Submitted: 01/22/2009 09:10
Reported: 02/03/2009 at 11:35
Discard: 03/06/2009

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

CSB41

CAT No.	Analysis Name	CAS Number	As Received Result		As Received Method Detection Limit*	As Received Limit of Quantitation	Units	Dilution Factor
00310	8260B water special scan							
02281	Benzyl Chloride	100-44-7	N.D.		1.0	5.0	ug/l	1
05422	Bromobenzene	108-86-1	N.D.		1.0	5.0	ug/l	1
05432	1,3-Dichlorobenzene	541-73-1	N.D.		1.0	5.0	ug/l	1
05433	1,4-Dichlorobenzene	106-46-7	N.D.		1.0	5.0	ug/l	1
05435	1,2-Dichlorobenzene	95-50-1	N.D.		1.0	5.0	ug/l	1
07583	2-Chloroethyl Vinyl Ether	110-75-8	N.D.		2.0	10	ug/l	1
	2-Chloroethyl vinyl ether may not be recovered if acid was used to preserve this sample.							
06886	Appendix IX by 8260 - water							
05384	Dichlorodifluoromethane	75-71-8	N.D.		2.0	5.0	ug/l	1
05385	Chloromethane	74-87-3	N.D.		1.0	5.0	ug/l	1
05386	Vinyl Chloride	75-01-4	1.5	J	1.0	5.0	ug/l	1
05387	Bromomethane	74-83-9	N.D.		1.0	5.0	ug/l	1
05388	Chloroethane	75-00-3	N.D.		1.0	5.0	ug/l	1
05389	Trichlorofluoromethane	75-69-4	N.D.		2.0	5.0	ug/l	1
05390	1,1-Dichloroethene	75-35-4	N.D.		0.80	5.0	ug/l	1
05391	Methylene Chloride	75-09-2	N.D.		2.0	5.0	ug/l	1
05392	trans-1,2-Dichloroethene	156-60-5	N.D.		0.80	5.0	ug/l	1
05393	1,1-Dichloroethane	75-34-3	N.D.		1.0	5.0	ug/l	1
05395	cis-1,2-Dichloroethene	156-59-2	5.9		0.80	5.0	ug/l	1
05396	Chloroform	67-66-3	N.D.		0.80	5.0	ug/l	1
05398	1,1,1-Trichloroethane	71-55-6	N.D.		0.80	5.0	ug/l	1
05399	Carbon Tetrachloride	56-23-5	N.D.		1.0	5.0	ug/l	1
05402	1,2-Dichloroethane	107-06-2	N.D.		1.0	5.0	ug/l	1
05403	Trichloroethene	79-01-6	N.D.		1.0	5.0	ug/l	1
05404	1,2-Dichloropropane	78-87-5	N.D.		1.0	5.0	ug/l	1
05405	Dibromomethane	74-95-3	N.D.		1.0	5.0	ug/l	1
05406	Bromodichloromethane	75-27-4	N.D.		1.0	5.0	ug/l	1
05408	1,1,2-Trichloroethane	79-00-5	N.D.		0.80	5.0	ug/l	1
05409	Tetrachloroethene	127-18-4	N.D.		0.80	5.0	ug/l	1
05411	Dibromochloromethane	124-48-1	N.D.		1.0	5.0	ug/l	1
05413	Chlorobenzene	108-90-7	N.D.		0.80	5.0	ug/l	1

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

Lancaster Laboratories Sample No. 5582427 WW Group No. 1129101

B-41 Water
BP Sanborn COC: 192718
2040 Cory Dr - Sanborn, NY B-41

Collected:01/21/2009 09:25 by RCB Account Number: 12495

Submitted: 01/22/2009 09:10
Reported: 02/03/2009 at 11:35
Discard: 03/06/2009

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

CSB41

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit*	As Received Limit of Quantitation	Units	Dilution Factor
05414	1,1,1,2-Tetrachloroethane	630-20-6	N.D.	1.0	5.0	ug/l	1
05419	Bromoform	75-25-2	N.D.	1.0	5.0	ug/l	1
05421	1,1,2,2-Tetrachloroethane	79-34-5	N.D.	1.0	5.0	ug/l	1
05423	1,2,3-Trichloropropane	96-18-4	N.D.	1.0	5.0	ug/l	1
06306	trans-1,3-Dichloropropene	10061-02-6	N.D.	1.0	5.0	ug/l	1
06307	cis-1,3-Dichloropropene	10061-01-5	N.D.	1.0	5.0	ug/l	1

The pH of the GC/MS volatile fraction was pH = 7 at the time of analysis.

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

Laboratory Chronicle

CAT No.	Analysis Name	Method	Trial#	Analysis Date and Time	Analyst	Dilution Factor
00310	8260B water special scan	SW-846 8260B	1	01/27/2009 19:39	Holly Berry	1
06886	Appendix IX by 8260 - water	SW-846 8260B	1	01/27/2009 19:39	Holly Berry	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	01/27/2009 19:39	Holly Berry	1

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

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Analysis Report

Lancaster Laboratories Sample No. 5582428 WW Group No. 1129101

P-2 Water
BP Sanborn COC: 192718
2040 Cory Dr - Sanborn, NY P-2

Collected:01/21/2009 10:35 by RCB Account Number: 12495

Submitted: 01/22/2009 09:10
Reported: 02/03/2009 at 11:35
Discard: 03/06/2009

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

CSAP2

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit*	As Received Limit of Quantitation	Units	Dilution Factor
00310	8260B water special scan						
02281	Benzyl Chloride	100-44-7	N.D.	1.0	5.0	ug/l	1
05422	Bromobenzene	108-86-1	N.D.	1.0	5.0	ug/l	1
05432	1,3-Dichlorobenzene	541-73-1	N.D.	1.0	5.0	ug/l	1
05433	1,4-Dichlorobenzene	106-46-7	N.D.	1.0	5.0	ug/l	1
05435	1,2-Dichlorobenzene	95-50-1	N.D.	1.0	5.0	ug/l	1
07583	2-Chloroethyl Vinyl Ether	110-75-8	N.D.	2.0	10	ug/l	1
	2-Chloroethyl vinyl ether may not be recovered if acid was used to preserve this sample.						
06886	Appendix IX by 8260 - water						
05384	Dichlorodifluoromethane	75-71-8	N.D.	2.0	5.0	ug/l	1
05385	Chloromethane	74-87-3	N.D.	1.0	5.0	ug/l	1
05386	Vinyl Chloride	75-01-4	70	1.0	5.0	ug/l	1
05387	Bromomethane	74-83-9	N.D.	1.0	5.0	ug/l	1
05388	Chloroethane	75-00-3	N.D.	1.0	5.0	ug/l	1
05389	Trichlorofluoromethane	75-69-4	N.D.	2.0	5.0	ug/l	1
05390	1,1-Dichloroethene	75-35-4	7.6	0.80	5.0	ug/l	1
05391	Methylene Chloride	75-09-2	N.D.	2.0	5.0	ug/l	1
05392	trans-1,2-Dichloroethene	156-60-5	5.0	0.80	5.0	ug/l	1
05393	1,1-Dichloroethane	75-34-3	86	1.0	5.0	ug/l	1
05395	cis-1,2-Dichloroethene	156-59-2	920	8.0	50	ug/l	10
05396	Chloroform	67-66-3	N.D.	0.80	5.0	ug/l	1
05398	1,1,1-Trichloroethane	71-55-6	100	0.80	5.0	ug/l	1
05399	Carbon Tetrachloride	56-23-5	N.D.	1.0	5.0	ug/l	1
05402	1,2-Dichloroethane	107-06-2	N.D.	1.0	5.0	ug/l	1
05403	Trichloroethene	79-01-6	280	1.0	5.0	ug/l	1
05404	1,2-Dichloropropane	78-87-5	N.D.	1.0	5.0	ug/l	1
05405	Dibromomethane	74-95-3	N.D.	1.0	5.0	ug/l	1
05406	Bromodichloromethane	75-27-4	N.D.	1.0	5.0	ug/l	1
05408	1,1,2-Trichloroethane	79-00-5	N.D.	0.80	5.0	ug/l	1
05409	Tetrachloroethene	127-18-4	N.D.	0.80	5.0	ug/l	1
05411	Dibromochloromethane	124-48-1	N.D.	1.0	5.0	ug/l	1
05413	Chlorobenzene	108-90-7	N.D.	0.80	5.0	ug/l	1

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

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Analysis Report

Lancaster Laboratories Sample No. 5582428 WW Group No. 1129101

P-2 Water
BP Sanborn COC: 192718
2040 Cory Dr - Sanborn, NY P-2

Collected:01/21/2009 10:35 by RCB Account Number: 12495

Submitted: 01/22/2009 09:10
Reported: 02/03/2009 at 11:35
Discard: 03/06/2009

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

CSAP2

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit*	As Received Limit of Quantitation	Units	Dilution Factor
05414	1,1,1,2-Tetrachloroethane	630-20-6	N.D.	1.0	5.0	ug/l	1
05419	Bromoform	75-25-2	N.D.	1.0	5.0	ug/l	1
05421	1,1,2,2-Tetrachloroethane	79-34-5	N.D.	1.0	5.0	ug/l	1
05423	1,2,3-Trichloropropane	96-18-4	N.D.	1.0	5.0	ug/l	1
06306	trans-1,3-Dichloropropene	10061-02-6	N.D.	1.0	5.0	ug/l	1
06307	cis-1,3-Dichloropropene	10061-01-5	N.D.	1.0	5.0	ug/l	1

The pH of the GC/MS volatile fraction was pH = 7 at the time of analysis.

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

Laboratory Chronicle

CAT No.	Analysis Name	Method	Trial#	Analysis Date and Time	Analyst	Dilution Factor
00310	8260B water special scan	SW-846 8260B	1	01/27/2009 20:19	Holly Berry	1
06886	Appendix IX by 8260 - water	SW-846 8260B	1	01/27/2009 20:19	Holly Berry	1
06886	Appendix IX by 8260 - water	SW-846 8260B	1	01/27/2009 22:23	Holly Berry	10
01163	GC/MS VOA Water Prep	SW-846 5030B	1	01/27/2009 20:19	Holly Berry	1
01163	GC/MS VOA Water Prep	SW-846 5030B	2	01/27/2009 22:23	Holly Berry	10

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

Lancaster Laboratories

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Analysis Report

Lancaster Laboratories Sample No. 5582429 WW Group No. 1129101

P-3 Water
BP Sanborn COC: 192718
2040 Cory Dr - Sanborn, NY P-3

Collected:01/21/2009 11:00 by RCB Account Number: 12495

Submitted: 01/22/2009 09:10
Reported: 02/03/2009 at 11:35
Discard: 03/06/2009

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

CSAP3

CAT No.	Analysis Name	CAS Number	As Received Result		As Received Method Detection Limit*	As Received Limit of Quantitation	Units	Dilution Factor
00310	8260B water special scan							
02281	Benzyl Chloride	100-44-7	N.D.		1.0	5.0	ug/l	1
05422	Bromobenzene	108-86-1	N.D.		1.0	5.0	ug/l	1
05432	1,3-Dichlorobenzene	541-73-1	N.D.		1.0	5.0	ug/l	1
05433	1,4-Dichlorobenzene	106-46-7	N.D.		1.0	5.0	ug/l	1
05435	1,2-Dichlorobenzene	95-50-1	N.D.		1.0	5.0	ug/l	1
07583	2-Chloroethyl Vinyl Ether	110-75-8	N.D.		2.0	10	ug/l	1
	2-Chloroethyl vinyl ether may not be recovered if acid was used to preserve this sample.							
06886	Appendix IX by 8260 - water							
05384	Dichlorodifluoromethane	75-71-8	N.D.		2.0	5.0	ug/l	1
05385	Chloromethane	74-87-3	N.D.		1.0	5.0	ug/l	1
05386	Vinyl Chloride	75-01-4	1.2	J	1.0	5.0	ug/l	1
05387	Bromomethane	74-83-9	N.D.		1.0	5.0	ug/l	1
05388	Chloroethane	75-00-3	N.D.		1.0	5.0	ug/l	1
05389	Trichlorofluoromethane	75-69-4	N.D.		2.0	5.0	ug/l	1
05390	1,1-Dichloroethene	75-35-4	N.D.		0.80	5.0	ug/l	1
05391	Methylene Chloride	75-09-2	N.D.		2.0	5.0	ug/l	1
05392	trans-1,2-Dichloroethene	156-60-5	1.3	J	0.80	5.0	ug/l	1
05393	1,1-Dichloroethane	75-34-3	N.D.		1.0	5.0	ug/l	1
05395	cis-1,2-Dichloroethene	156-59-2	33		0.80	5.0	ug/l	1
05396	Chloroform	67-66-3	N.D.		0.80	5.0	ug/l	1
05398	1,1,1-Trichloroethane	71-55-6	N.D.		0.80	5.0	ug/l	1
05399	Carbon Tetrachloride	56-23-5	N.D.		1.0	5.0	ug/l	1
05402	1,2-Dichloroethane	107-06-2	N.D.		1.0	5.0	ug/l	1
05403	Trichloroethene	79-01-6	N.D.		1.0	5.0	ug/l	1
05404	1,2-Dichloropropane	78-87-5	N.D.		1.0	5.0	ug/l	1
05405	Dibromomethane	74-95-3	N.D.		1.0	5.0	ug/l	1
05406	Bromodichloromethane	75-27-4	N.D.		1.0	5.0	ug/l	1
05408	1,1,2-Trichloroethane	79-00-5	N.D.		0.80	5.0	ug/l	1
05409	Tetrachloroethene	127-18-4	N.D.		0.80	5.0	ug/l	1
05411	Dibromochloromethane	124-48-1	N.D.		1.0	5.0	ug/l	1
05413	Chlorobenzene	108-90-7	N.D.		0.80	5.0	ug/l	1

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

Lancaster Laboratories Sample No. 5582429 WW Group No. 1129101

P-3 Water
BP Sanborn COC: 192718
2040 Cory Dr - Sanborn, NY P-3

Collected:01/21/2009 11:00 by RCB Account Number: 12495

Submitted: 01/22/2009 09:10
Reported: 02/03/2009 at 11:35
Discard: 03/06/2009

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

CSAP3

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit*	As Received Limit of Quantitation	Units	Dilution Factor
05414	1,1,1,2-Tetrachloroethane	630-20-6	N.D.	1.0	5.0	ug/l	1
05419	Bromoform	75-25-2	N.D.	1.0	5.0	ug/l	1
05421	1,1,2,2-Tetrachloroethane	79-34-5	N.D.	1.0	5.0	ug/l	1
05423	1,2,3-Trichloropropane	96-18-4	N.D.	1.0	5.0	ug/l	1
06306	trans-1,3-Dichloropropene	10061-02-6	N.D.	1.0	5.0	ug/l	1
06307	cis-1,3-Dichloropropene	10061-01-5	N.D.	1.0	5.0	ug/l	1

The pH of the GC/MS volatile fraction was pH = 7 at the time of analysis.

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

Laboratory Chronicle

CAT No.	Analysis Name	Method	Trial#	Analysis Date and Time	Analyst	Dilution Factor
00310	8260B water special scan	SW-846 8260B	1	01/27/2009 20:40	Holly Berry	1
06886	Appendix IX by 8260 - water	SW-846 8260B	1	01/27/2009 20:40	Holly Berry	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	01/27/2009 20:40	Holly Berry	1

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

Lancaster Laboratories

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Analysis Report

Lancaster Laboratories Sample No. 5582430 WW Group No. 1129101

PW-4 Water
BP Sanborn COC: 192718
2040 Cory Dr - Sanborn, NY PW-4

Collected:01/21/2009 10:45 by RCB Account Number: 12495

Submitted: 01/22/2009 09:10
Reported: 02/03/2009 at 11:35
Discard: 03/06/2009

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

CSPW4

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit*	As Received Limit of Quantitation	Units	Dilution Factor
00310	8260B water special scan						
02281	Benzyl Chloride	100-44-7	N.D.	1.0	5.0	ug/l	1
05422	Bromobenzene	108-86-1	N.D.	1.0	5.0	ug/l	1
05432	1,3-Dichlorobenzene	541-73-1	N.D.	1.0	5.0	ug/l	1
05433	1,4-Dichlorobenzene	106-46-7	N.D.	1.0	5.0	ug/l	1
05435	1,2-Dichlorobenzene	95-50-1	N.D.	1.0	5.0	ug/l	1
07583	2-Chloroethyl Vinyl Ether	110-75-8	N.D.	2.0	10	ug/l	1
	2-Chloroethyl vinyl ether may not be recovered if acid was used to preserve this sample.						
06886	Appendix IX by 8260 - water						
05384	Dichlorodifluoromethane	75-71-8	N.D.	2.0	5.0	ug/l	1
05385	Chloromethane	74-87-3	N.D.	1.0	5.0	ug/l	1
05386	Vinyl Chloride	75-01-4	N.D.	1.0	5.0	ug/l	1
05387	Bromomethane	74-83-9	N.D.	1.0	5.0	ug/l	1
05388	Chloroethane	75-00-3	N.D.	1.0	5.0	ug/l	1
05389	Trichlorofluoromethane	75-69-4	N.D.	2.0	5.0	ug/l	1
05390	1,1-Dichloroethene	75-35-4	N.D.	0.80	5.0	ug/l	1
05391	Methylene Chloride	75-09-2	N.D.	2.0	5.0	ug/l	1
05392	trans-1,2-Dichloroethene	156-60-5	N.D.	0.80	5.0	ug/l	1
05393	1,1-Dichloroethane	75-34-3	N.D.	1.0	5.0	ug/l	1
05395	cis-1,2-Dichloroethene	156-59-2	8.4	0.80	5.0	ug/l	1
05396	Chloroform	67-66-3	N.D.	0.80	5.0	ug/l	1
05398	1,1,1-Trichloroethane	71-55-6	N.D.	0.80	5.0	ug/l	1
05399	Carbon Tetrachloride	56-23-5	N.D.	1.0	5.0	ug/l	1
05402	1,2-Dichloroethane	107-06-2	N.D.	1.0	5.0	ug/l	1
05403	Trichloroethene	79-01-6	55	1.0	5.0	ug/l	1
05404	1,2-Dichloropropane	78-87-5	N.D.	1.0	5.0	ug/l	1
05405	Dibromomethane	74-95-3	N.D.	1.0	5.0	ug/l	1
05406	Bromodichloromethane	75-27-4	N.D.	1.0	5.0	ug/l	1
05408	1,1,2-Trichloroethane	79-00-5	N.D.	0.80	5.0	ug/l	1
05409	Tetrachloroethene	127-18-4	N.D.	0.80	5.0	ug/l	1
05411	Dibromochloromethane	124-48-1	N.D.	1.0	5.0	ug/l	1
05413	Chlorobenzene	108-90-7	N.D.	0.80	5.0	ug/l	1

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

Lancaster Laboratories Sample No. 5582430 WW Group No. 1129101

PW-4 Water
BP Sanborn COC: 192718
2040 Cory Dr - Sanborn, NY PW-4

Collected:01/21/2009 10:45 by RCB Account Number: 12495

Submitted: 01/22/2009 09:10
Reported: 02/03/2009 at 11:35
Discard: 03/06/2009

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

CSPW4

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit*	As Received Limit of Quantitation	Units	Dilution Factor
05414	1,1,1,2-Tetrachloroethane	630-20-6	N.D.	1.0	5.0	ug/l	1
05419	Bromoform	75-25-2	N.D.	1.0	5.0	ug/l	1
05421	1,1,2,2-Tetrachloroethane	79-34-5	N.D.	1.0	5.0	ug/l	1
05423	1,2,3-Trichloropropane	96-18-4	N.D.	1.0	5.0	ug/l	1
06306	trans-1,3-Dichloropropene	10061-02-6	N.D.	1.0	5.0	ug/l	1
06307	cis-1,3-Dichloropropene	10061-01-5	N.D.	1.0	5.0	ug/l	1

The pH of the GC/MS volatile fraction was pH = 7 at the time of analysis.

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

Laboratory Chronicle

CAT No.	Analysis Name	Method	Trial#	Analysis Date and Time	Analyst	Dilution Factor
00310	8260B water special scan	SW-846 8260B	1	01/27/2009 21:00	Holly Berry	1
06886	Appendix IX by 8260 - water	SW-846 8260B	1	01/27/2009 21:00	Holly Berry	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	01/27/2009 21:00	Holly Berry	1

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

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Analysis Report

Lancaster Laboratories Sample No. 5582431 WW Group No. 1129101

B-42 Water
BP Sanborn COC: 192718
2040 Cory Dr - Sanborn, NY B-42

Collected:01/21/2009 13:10 by RCB Account Number: 12495

Submitted: 01/22/2009 09:10
Reported: 02/03/2009 at 11:35
Discard: 03/06/2009

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

CSB42

CAT No.	Analysis Name	CAS Number	As Received Result		As Received Method Detection Limit*	As Received Limit of Quantitation	Units	Dilution Factor
00310	8260B water special scan							
02281	Benzyl Chloride	100-44-7	N.D.		1.0	5.0	ug/l	1
05422	Bromobenzene	108-86-1	N.D.		1.0	5.0	ug/l	1
05432	1,3-Dichlorobenzene	541-73-1	N.D.		1.0	5.0	ug/l	1
05433	1,4-Dichlorobenzene	106-46-7	N.D.		1.0	5.0	ug/l	1
05435	1,2-Dichlorobenzene	95-50-1	N.D.		1.0	5.0	ug/l	1
07583	2-Chloroethyl Vinyl Ether	110-75-8	N.D.		2.0	10	ug/l	1
	2-Chloroethyl vinyl ether may not be recovered if acid was used to preserve this sample.							
06886	Appendix IX by 8260 - water							
05384	Dichlorodifluoromethane	75-71-8	N.D.		2.0	5.0	ug/l	1
05385	Chloromethane	74-87-3	N.D.		1.0	5.0	ug/l	1
05386	Vinyl Chloride	75-01-4	N.D.		1.0	5.0	ug/l	1
05387	Bromomethane	74-83-9	N.D.		1.0	5.0	ug/l	1
05388	Chloroethane	75-00-3	N.D.		1.0	5.0	ug/l	1
05389	Trichlorofluoromethane	75-69-4	N.D.		2.0	5.0	ug/l	1
05390	1,1-Dichloroethene	75-35-4	N.D.		0.80	5.0	ug/l	1
05391	Methylene Chloride	75-09-2	N.D.		2.0	5.0	ug/l	1
05392	trans-1,2-Dichloroethene	156-60-5	N.D.		0.80	5.0	ug/l	1
05393	1,1-Dichloroethane	75-34-3	N.D.		1.0	5.0	ug/l	1
05395	cis-1,2-Dichloroethene	156-59-2	6.8		0.80	5.0	ug/l	1
05396	Chloroform	67-66-3	N.D.		0.80	5.0	ug/l	1
05398	1,1,1-Trichloroethane	71-55-6	N.D.		0.80	5.0	ug/l	1
05399	Carbon Tetrachloride	56-23-5	N.D.		1.0	5.0	ug/l	1
05402	1,2-Dichloroethane	107-06-2	N.D.		1.0	5.0	ug/l	1
05403	Trichloroethene	79-01-6	5.0	J	1.0	5.0	ug/l	1
05404	1,2-Dichloropropane	78-87-5	N.D.		1.0	5.0	ug/l	1
05405	Dibromomethane	74-95-3	N.D.		1.0	5.0	ug/l	1
05406	Bromodichloromethane	75-27-4	N.D.		1.0	5.0	ug/l	1
05408	1,1,2-Trichloroethane	79-00-5	N.D.		0.80	5.0	ug/l	1
05409	Tetrachloroethene	127-18-4	N.D.		0.80	5.0	ug/l	1
05411	Dibromochloromethane	124-48-1	N.D.		1.0	5.0	ug/l	1
05413	Chlorobenzene	108-90-7	N.D.		0.80	5.0	ug/l	1

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

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Analysis Report

Lancaster Laboratories Sample No. 5582431 WW Group No. 1129101

B-42 Water
BP Sanborn COC: 192718
2040 Cory Dr - Sanborn, NY B-42

Collected:01/21/2009 13:10 by RCB Account Number: 12495

Submitted: 01/22/2009 09:10
Reported: 02/03/2009 at 11:35
Discard: 03/06/2009

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

CSB42

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit*	As Received Limit of Quantitation	Units	Dilution Factor
05414	1,1,1,2-Tetrachloroethane	630-20-6	N.D.	1.0	5.0	ug/l	1
05419	Bromoform	75-25-2	N.D.	1.0	5.0	ug/l	1
05421	1,1,2,2-Tetrachloroethane	79-34-5	N.D.	1.0	5.0	ug/l	1
05423	1,2,3-Trichloropropane	96-18-4	N.D.	1.0	5.0	ug/l	1
06306	trans-1,3-Dichloropropene	10061-02-6	N.D.	1.0	5.0	ug/l	1
06307	cis-1,3-Dichloropropene	10061-01-5	N.D.	1.0	5.0	ug/l	1

The pH of the GC/MS volatile fraction was pH = 7 at the time of analysis.

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

Laboratory Chronicle

CAT No.	Analysis Name	Method	Trial#	Analysis Date and Time	Analyst	Dilution Factor
00310	8260B water special scan	SW-846 8260B	1	01/27/2009 21:21	Holly Berry	1
06886	Appendix IX by 8260 - water	SW-846 8260B	1	01/27/2009 21:21	Holly Berry	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	01/27/2009 21:21	Holly Berry	1

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

Lancaster Laboratories

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Analysis Report

Lancaster Laboratories Sample No. 5582432 WW Group No. 1129101

B-38 Water
BP Sanborn COC: 192718
2040 Cory Dr - Sanborn, NY B-38

Collected:01/21/2009 14:20 by RCB Account Number: 12495

Submitted: 01/22/2009 09:10
Reported: 02/03/2009 at 11:35
Discard: 03/06/2009

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

CSB38

CAT No.	Analysis Name	CAS Number	As Received Result		As Received Method Detection Limit*	As Received Limit of Quantitation	Units	Dilution Factor
00310	8260B water special scan							
02281	Benzyl Chloride	100-44-7	N.D.		1.0	5.0	ug/l	1
05422	Bromobenzene	108-86-1	N.D.		1.0	5.0	ug/l	1
05432	1,3-Dichlorobenzene	541-73-1	N.D.		1.0	5.0	ug/l	1
05433	1,4-Dichlorobenzene	106-46-7	N.D.		1.0	5.0	ug/l	1
05435	1,2-Dichlorobenzene	95-50-1	N.D.		1.0	5.0	ug/l	1
07583	2-Chloroethyl Vinyl Ether	110-75-8	N.D.		2.0	10	ug/l	1
	2-Chloroethyl vinyl ether may not be recovered if acid was used to preserve this sample.							
06886	Appendix IX by 8260 - water							
05384	Dichlorodifluoromethane	75-71-8	N.D.		2.0	5.0	ug/l	1
05385	Chloromethane	74-87-3	N.D.		1.0	5.0	ug/l	1
05386	Vinyl Chloride	75-01-4	1.4	J	1.0	5.0	ug/l	1
05387	Bromomethane	74-83-9	N.D.		1.0	5.0	ug/l	1
05388	Chloroethane	75-00-3	N.D.		1.0	5.0	ug/l	1
05389	Trichlorofluoromethane	75-69-4	N.D.		2.0	5.0	ug/l	1
05390	1,1-Dichloroethene	75-35-4	N.D.		0.80	5.0	ug/l	1
05391	Methylene Chloride	75-09-2	N.D.		2.0	5.0	ug/l	1
05392	trans-1,2-Dichloroethene	156-60-5	N.D.		0.80	5.0	ug/l	1
05393	1,1-Dichloroethane	75-34-3	N.D.		1.0	5.0	ug/l	1
05395	cis-1,2-Dichloroethene	156-59-2	54		0.80	5.0	ug/l	1
05396	Chloroform	67-66-3	N.D.		0.80	5.0	ug/l	1
05398	1,1,1-Trichloroethane	71-55-6	N.D.		0.80	5.0	ug/l	1
05399	Carbon Tetrachloride	56-23-5	N.D.		1.0	5.0	ug/l	1
05402	1,2-Dichloroethane	107-06-2	N.D.		1.0	5.0	ug/l	1
05403	Trichloroethene	79-01-6	19		1.0	5.0	ug/l	1
05404	1,2-Dichloropropane	78-87-5	N.D.		1.0	5.0	ug/l	1
05405	Dibromomethane	74-95-3	N.D.		1.0	5.0	ug/l	1
05406	Bromodichloromethane	75-27-4	N.D.		1.0	5.0	ug/l	1
05408	1,1,2-Trichloroethane	79-00-5	N.D.		0.80	5.0	ug/l	1
05409	Tetrachloroethene	127-18-4	N.D.		0.80	5.0	ug/l	1
05411	Dibromochloromethane	124-48-1	N.D.		1.0	5.0	ug/l	1
05413	Chlorobenzene	108-90-7	N.D.		0.80	5.0	ug/l	1

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

Lancaster Laboratories Sample No. 5582432 WW Group No. 1129101

B-38 Water
BP Sanborn COC: 192718
2040 Cory Dr - Sanborn, NY B-38

Collected:01/21/2009 14:20 by RCB Account Number: 12495

Submitted: 01/22/2009 09:10
Reported: 02/03/2009 at 11:35
Discard: 03/06/2009

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

CSB38

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit*	As Received Limit of Quantitation	Units	Dilution Factor
05414	1,1,1,2-Tetrachloroethane	630-20-6	N.D.	1.0	5.0	ug/l	1
05419	Bromoform	75-25-2	N.D.	1.0	5.0	ug/l	1
05421	1,1,2,2-Tetrachloroethane	79-34-5	N.D.	1.0	5.0	ug/l	1
05423	1,2,3-Trichloropropane	96-18-4	N.D.	1.0	5.0	ug/l	1
06306	trans-1,3-Dichloropropene	10061-02-6	N.D.	1.0	5.0	ug/l	1
06307	cis-1,3-Dichloropropene	10061-01-5	N.D.	1.0	5.0	ug/l	1

The pH of the GC/MS volatile fraction was pH = 7 at the time of analysis.

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

Laboratory Chronicle

CAT No.	Analysis Name	Method	Trial#	Analysis Date and Time	Analyst	Dilution Factor
00310	8260B water special scan	SW-846 8260B	1	01/27/2009 21:42	Holly Berry	1
06886	Appendix IX by 8260 - water	SW-846 8260B	1	01/27/2009 21:42	Holly Berry	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	01/27/2009 21:42	Holly Berry	1

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

Lancaster Laboratories

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Analysis Report

Lancaster Laboratories Sample No. 5582433 WW Group No. 1129101

Field Dup #3 Water
BP Sanborn COC: 192718
2040 Cory Dr - Sanborn, NY Dup #3

Collected:01/21/2009 by RCB

Account Number: 12495

Submitted: 01/22/2009 09:10
Reported: 02/03/2009 at 11:35
Discard: 03/06/2009

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

CSDU3

CAT No.	Analysis Name	CAS Number	As Received Result		As Received Method Detection Limit*	As Received Limit of Quantitation	Units	Dilution Factor
00310	8260B water special scan							
02281	Benzyl Chloride	100-44-7	N.D.		1.0	5.0	ug/l	1
05422	Bromobenzene	108-86-1	N.D.		1.0	5.0	ug/l	1
05432	1,3-Dichlorobenzene	541-73-1	N.D.		1.0	5.0	ug/l	1
05433	1,4-Dichlorobenzene	106-46-7	N.D.		1.0	5.0	ug/l	1
05435	1,2-Dichlorobenzene	95-50-1	N.D.		1.0	5.0	ug/l	1
07583	2-Chloroethyl Vinyl Ether	110-75-8	N.D.		2.0	10	ug/l	1
	2-Chloroethyl vinyl ether may not be recovered if acid was used to preserve this sample.							
06886	Appendix IX by 8260 - water							
05384	Dichlorodifluoromethane	75-71-8	N.D.		2.0	5.0	ug/l	1
05385	Chloromethane	74-87-3	N.D.		1.0	5.0	ug/l	1
05386	Vinyl Chloride	75-01-4	N.D.		1.0	5.0	ug/l	1
05387	Bromomethane	74-83-9	N.D.		1.0	5.0	ug/l	1
05388	Chloroethane	75-00-3	N.D.		1.0	5.0	ug/l	1
05389	Trichlorofluoromethane	75-69-4	N.D.		2.0	5.0	ug/l	1
05390	1,1-Dichloroethene	75-35-4	N.D.		0.80	5.0	ug/l	1
05391	Methylene Chloride	75-09-2	N.D.		2.0	5.0	ug/l	1
05392	trans-1,2-Dichloroethene	156-60-5	N.D.		0.80	5.0	ug/l	1
05393	1,1-Dichloroethane	75-34-3	N.D.		1.0	5.0	ug/l	1
05395	cis-1,2-Dichloroethene	156-59-2	N.D.		0.80	5.0	ug/l	1
05396	Chloroform	67-66-3	N.D.		0.80	5.0	ug/l	1
05398	1,1,1-Trichloroethane	71-55-6	N.D.		0.80	5.0	ug/l	1
05399	Carbon Tetrachloride	56-23-5	N.D.		1.0	5.0	ug/l	1
05402	1,2-Dichloroethane	107-06-2	N.D.		1.0	5.0	ug/l	1
05403	Trichloroethene	79-01-6	2.5	J	1.0	5.0	ug/l	1
05404	1,2-Dichloropropane	78-87-5	N.D.		1.0	5.0	ug/l	1
05405	Dibromomethane	74-95-3	N.D.		1.0	5.0	ug/l	1
05406	Bromodichloromethane	75-27-4	N.D.		1.0	5.0	ug/l	1
05408	1,1,2-Trichloroethane	79-00-5	N.D.		0.80	5.0	ug/l	1
05409	Tetrachloroethene	127-18-4	N.D.		0.80	5.0	ug/l	1
05411	Dibromochloromethane	124-48-1	N.D.		1.0	5.0	ug/l	1
05413	Chlorobenzene	108-90-7	N.D.		0.80	5.0	ug/l	1

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

Lancaster Laboratories Sample No. 5582433 WW Group No. 1129101

Field Dup #3 Water
BP Sanborn COC: 192718
2040 Cory Dr - Sanborn, NY Dup #3

Collected:01/21/2009 by RCB

Account Number: 12495

Submitted: 01/22/2009 09:10
Reported: 02/03/2009 at 11:35
Discard: 03/06/2009

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

CSDU3

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit*	As Received Limit of Quantitation	Units	Dilution Factor
05414	1,1,1,2-Tetrachloroethane	630-20-6	N.D.	1.0	5.0	ug/l	1
05419	Bromoform	75-25-2	N.D.	1.0	5.0	ug/l	1
05421	1,1,2,2-Tetrachloroethane	79-34-5	N.D.	1.0	5.0	ug/l	1
05423	1,2,3-Trichloropropane	96-18-4	N.D.	1.0	5.0	ug/l	1
06306	trans-1,3-Dichloropropene	10061-02-6	N.D.	1.0	5.0	ug/l	1
06307	cis-1,3-Dichloropropene	10061-01-5	N.D.	1.0	5.0	ug/l	1

The pH of the GC/MS volatile fraction was pH = 7 at the time of analysis.

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

Laboratory Chronicle

CAT No.	Analysis Name	Method	Trial#	Analysis Date and Time	Analyst	Dilution Factor
00310	8260B water special scan	SW-846 8260B	1	01/27/2009 22:02	Holly Berry	1
06886	Appendix IX by 8260 - water	SW-846 8260B	1	01/27/2009 22:02	Holly Berry	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	01/27/2009 22:02	Holly Berry	1

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

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

Quality Control Summary

Client Name: Atlantic Richfield(Parsons-NY) Group Number: 1129101
Reported: 02/03/09 at 11:35 AM

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.

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: Y090261AA	Sample number(s): 5582424-5582426								
Benzyl Chloride	N.D.	1.0	5.0	ug/l	98	97	64-119	1	30
Dichlorodifluoromethane	N.D.	2.0	5.0	ug/l	87	85	45-158	3	30
Chloromethane	N.D.	1.0	5.0	ug/l	96	97	47-133	1	30
Vinyl Chloride	N.D.	1.0	5.0	ug/l	84	89	62-128	6	30
Bromomethane	N.D.	1.0	5.0	ug/l	104	100	50-128	4	30
Chloroethane	N.D.	1.0	5.0	ug/l	96	94	56-128	2	30
Trichlorofluoromethane	N.D.	2.0	5.0	ug/l	91	88	60-137	3	30
1,1-Dichloroethene	N.D.	0.80	5.0	ug/l	101	103	76-122	2	30
Methylene Chloride	N.D.	2.0	5.0	ug/l	101	98	85-120	3	30
trans-1,2-Dichloroethene	N.D.	0.80	5.0	ug/l	100	103	83-117	4	30
1,1-Dichloroethane	N.D.	1.0	5.0	ug/l	102	102	83-127	0	30
cis-1,2-Dichloroethene	N.D.	0.80	5.0	ug/l	101	104	84-117	3	30
Chloroform	N.D.	0.80	5.0	ug/l	98	101	77-125	2	30
1,1,1-Trichloroethane	N.D.	0.80	5.0	ug/l	93	99	83-127	7	30
Carbon Tetrachloride	N.D.	1.0	5.0	ug/l	101	100	77-130	1	30
1,2-Dichloroethane	N.D.	1.0	5.0	ug/l	97	99	69-135	2	30
Trichloroethene	N.D.	1.0	5.0	ug/l	103	103	87-117	0	30
1,2-Dichloropropane	N.D.	1.0	5.0	ug/l	98	100	80-117	2	30
Dibromomethane	N.D.	1.0	5.0	ug/l	95	98	87-117	3	30
Bromodichloromethane	N.D.	1.0	5.0	ug/l	97	99	83-121	3	30
1,1,2-Trichloroethane	N.D.	0.80	5.0	ug/l	99	99	86-113	0	30
Tetrachloroethene	N.D.	0.80	5.0	ug/l	111	108	76-118	3	30
Dibromochloromethane	N.D.	1.0	5.0	ug/l	104	99	78-119	5	30
Chlorobenzene	N.D.	0.80	5.0	ug/l	103	100	85-115	3	30
1,1,1,2-Tetrachloroethane	N.D.	1.0	5.0	ug/l	102	101	83-114	2	30
Bromoform	N.D.	1.0	5.0	ug/l	105	98	69-118	7	30
1,1,2,2-Tetrachloroethane	N.D.	1.0	5.0	ug/l	94	94	72-119	0	30
Bromobenzene	N.D.	1.0	5.0	ug/l	104	105	82-110	1	30
1,2,3-Trichloropropane	N.D.	1.0	5.0	ug/l	102	100	78-117	2	30
1,3-Dichlorobenzene	N.D.	1.0	5.0	ug/l	100	103	81-114	3	30
1,4-Dichlorobenzene	N.D.	1.0	5.0	ug/l	100	100	84-116	0	30
1,2-Dichlorobenzene	N.D.	1.0	5.0	ug/l	98	100	81-112	2	30
trans-1,3-Dichloropropene	N.D.	1.0	5.0	ug/l	100	101	79-114	0	30
cis-1,3-Dichloropropene	N.D.	1.0	5.0	ug/l	103	102	78-114	1	30
2-Chloroethyl Vinyl Ether	N.D.	2.0	10	ug/l	91	92	51-142	1	30
Batch number: Y090273AA	Sample number(s): 5582427-5582433								
Benzyl Chloride	N.D.	1.0	5.0	ug/l	97	99	64-119	2	30
Dichlorodifluoromethane	N.D.	2.0	5.0	ug/l	103	107	45-158	4	30
Chloromethane	N.D.	1.0	5.0	ug/l	106	103	47-133	3	30
Vinyl Chloride	N.D.	1.0	5.0	ug/l	94	88	62-128	7	30
Bromomethane	N.D.	1.0	5.0	ug/l	104	104	50-128	0	30
Chloroethane	N.D.	1.0	5.0	ug/l	98	98	56-128	0	30
Trichlorofluoromethane	N.D.	2.0	5.0	ug/l	96	97	60-137	1	30
1,1-Dichloroethene	N.D.	0.80	5.0	ug/l	106	106	76-122	0	30
Methylene Chloride	N.D.	2.0	5.0	ug/l	101	102	85-120	0	30

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

Quality Control Summary

Client Name: Atlantic Richfield(Parsons-NY) Group Number: 1129101
Reported: 02/03/09 at 11:35 AM

Laboratory Compliance Quality Control

Analysis Name	Blank Result	Blank MDL**	Blank LOQ	Report Units	LCS %REC	LCSD %REC	LCS/LCSD Limits	RPD	RPD Max
trans-1,2-Dichloroethene	N.D.	0.80	5.0	ug/l	106	105	83-117	1	30
1,1-Dichloroethane	N.D.	1.0	5.0	ug/l	107	107	83-127	0	30
cis-1,2-Dichloroethene	N.D.	0.80	5.0	ug/l	105	107	84-117	2	30
Chloroform	N.D.	0.80	5.0	ug/l	106	103	77-125	2	30
1,1,1-Trichloroethane	N.D.	0.80	5.0	ug/l	105	103	83-127	2	30
Carbon Tetrachloride	N.D.	1.0	5.0	ug/l	103	103	77-130	0	30
1,2-Dichloroethane	N.D.	1.0	5.0	ug/l	105	105	69-135	0	30
Trichloroethene	N.D.	1.0	5.0	ug/l	102	102	87-117	0	30
1,2-Dichloropropane	N.D.	1.0	5.0	ug/l	106	106	80-117	0	30
Dibromomethane	N.D.	1.0	5.0	ug/l	102	99	87-117	2	30
Bromodichloromethane	N.D.	1.0	5.0	ug/l	102	104	83-121	1	30
1,1,2-Trichloroethane	N.D.	0.80	5.0	ug/l	102	103	86-113	0	30
Tetrachloroethene	N.D.	0.80	5.0	ug/l	100	100	76-118	1	30
Dibromochloromethane	N.D.	1.0	5.0	ug/l	103	101	78-119	2	30
Chlorobenzene	N.D.	0.80	5.0	ug/l	104	101	85-115	3	30
1,1,1,2-Tetrachloroethane	N.D.	1.0	5.0	ug/l	106	104	83-114	2	30
Bromoform	N.D.	1.0	5.0	ug/l	102	102	69-118	0	30
1,1,2,2-Tetrachloroethane	N.D.	1.0	5.0	ug/l	102	102	72-119	0	30
Bromobenzene	N.D.	1.0	5.0	ug/l	105	102	82-110	2	30
1,2,3-Trichloropropane	N.D.	1.0	5.0	ug/l	99	102	78-117	3	30
1,3-Dichlorobenzene	N.D.	1.0	5.0	ug/l	102	102	81-114	1	30
1,4-Dichlorobenzene	N.D.	1.0	5.0	ug/l	102	103	84-116	2	30
1,2-Dichlorobenzene	N.D.	1.0	5.0	ug/l	99	100	81-112	0	30
trans-1,3-Dichloropropene	N.D.	1.0	5.0	ug/l	104	103	79-114	1	30
cis-1,3-Dichloropropene	N.D.	1.0	5.0	ug/l	104	102	78-114	2	30
2-Chloroethyl Vinyl Ether	N.D.	2.0	10	ug/l	100	98	51-142	2	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

Analysis Name	MS %REC	MSD %REC	MS/MSD Limits	RPD	RPD MAX	BKG Conc	DUP Conc	DUP RPD	Dup RPD Max
Batch number: Y090261AA	Sample number(s): 5582424-5582426 UNSPK: 5582425								
Benzyl Chloride	98		65-119						
Dichlorodifluoromethane	114		52-192						
Chloromethane	109		58-157						
Vinyl Chloride	99		68-147						
Bromomethane	108		54-140						
Chloroethane	104		60-140						
Trichlorofluoromethane	108		68-163						
1,1-Dichloroethene	114		87-145						
Methylene Chloride	104		79-133						
trans-1,2-Dichloroethene	113		82-133						
1,1-Dichloroethane	111		85-135						
cis-1,2-Dichloroethene	111		83-126						
Chloroform	108		83-139						
1,1,1-Trichloroethane	109		81-142						
Carbon Tetrachloride	115		82-149						
1,2-Dichloroethane	106		70-143						
Trichloroethene	111		83-136						

*- 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: 1129101
Reported: 02/03/09 at 11:35 AM

Sample Matrix Quality Control

Unspiked (UNSPK) = the sample used in conjunction with the matrix spike
Background (BKG) = the sample used in conjunction with the duplicate

Analysis Name	MS %REC	MSD %REC	MS/MSD Limits	RPD	RPD MAX	BKG Conc	DUP Conc	DUP RPD	Dup RPD Max
1,2-Dichloropropane	110		83-129						
Dibromomethane	100		82-128						
Bromodichloromethane	106		80-137						
1,1,2-Trichloroethane	101		77-125						
Tetrachloroethene	112		78-133						
Dibromochloromethane	108		80-128						
Chlorobenzene	106		83-120						
1,1,1,2-Tetrachloroethane	106		83-119						
Bromoform	104		64-119						
1,1,2,2-Tetrachloroethane	98		73-121						
Bromobenzene	106		83-121						
1,2,3-Trichloropropane	93		73-125						
1,3-Dichlorobenzene	106		79-123						
1,4-Dichlorobenzene	103		81-122						
1,2-Dichlorobenzene	104		82-117						
trans-1,3-Dichloropropene	105		77-123						
cis-1,3-Dichloropropene	107		72-124						
2-Chloroethyl Vinyl Ether	100		1-156						
Batch number: Y090273AA	Sample number(s): 5582427-5582433 UNSPK: 5582427								
Benzyl Chloride	102		65-119						
Dichlorodifluoromethane	120		52-192						
Chloromethane	117		58-157						
Vinyl Chloride	105		68-147						
Bromomethane	109		54-140						
Chloroethane	110		60-140						
Trichlorofluoromethane	110		68-163						
1,1-Dichloroethene	120		87-145						
Methylene Chloride	106		79-133						
trans-1,2-Dichloroethene	113		82-133						
1,1-Dichloroethane	115		85-135						
cis-1,2-Dichloroethene	114		83-126						
Chloroform	110		83-139						
1,1,1-Trichloroethane	115		81-142						
Carbon Tetrachloride	113		82-149						
1,2-Dichloroethane	107		70-143						
Trichloroethene	114		83-136						
1,2-Dichloropropane	110		83-129						
Dibromomethane	99		82-128						
Bromodichloromethane	104		80-137						
1,1,2-Trichloroethane	108		77-125						
Tetrachloroethene	111		78-133						
Dibromochloromethane	106		80-128						
Chlorobenzene	108		83-120						
1,1,1,2-Tetrachloroethane	110		83-119						
Bromoform	98		64-119						
1,1,2,2-Tetrachloroethane	103		73-121						
Bromobenzene	108		83-121						
1,2,3-Trichloropropane	100		73-125						
1,3-Dichlorobenzene	106		79-123						
1,4-Dichlorobenzene	106		81-122						
1,2-Dichlorobenzene	105		82-117						
trans-1,3-Dichloropropene	106		77-123						

*- 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: 1129101
Reported: 02/03/09 at 11:35 AM

Sample Matrix Quality Control

Unspiked (UNSPK) = the sample used in conjunction with the matrix spike
Background (BKG) = the sample used in conjunction with the duplicate

Analysis Name	MS %REC	MSD %REC	MS/MSD Limits	RPD	RPD MAX	BKG Conc	DUP Conc	DUP RPD	Dup RPD Max
cis-1,3-Dichloropropene	108		72-124						
2-Chloroethyl Vinyl Ether	102		1-156						

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: Appendix IX by 8260 - water
Batch number: Y090261AA

	Dibromofluoromethane	1,2-Dichloroethane-d4	Toluene-d8	4-Bromofluorobenzene
5582424	88	89	88	87
5582425	89	89	88	87
5582426	86	86	87	88
Blank	86	85	87	86
LCS	86	87	88	88
LCSD	88	90	88	86
MS	87	94	89	89
Limits:	80-116	77-113	80-113	78-113

Analysis Name: Appendix IX by 8260 - water
Batch number: Y090273AA

	Dibromofluoromethane	1,2-Dichloroethane-d4	Toluene-d8	4-Bromofluorobenzene
5582427	91	84	93	90
5582428	89	89	93	90
5582429	89	88	92	87
5582430	90	91	91	89
5582431	90	88	92	88
5582432	89	90	91	88
5582433	90	88	93	90
Blank	87	88	91	88
LCS	91	86	93	92
LCSD	90	91	93	89
MS	90	86	92	89
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 #: 1129101

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 Chronicle 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.

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:

06886: Appendix IX by 8260 - water

Sample #s: 5582424, 5582425, 5582426, 5582427, 5582428, 5582429, 5582430, 5582431, 5582432, 5582433

The pH of the GC/MS volatile fraction was pH = 7 at the time of analysis.

Acct# 12495 Grp# 1129101 Sample # 5582424-34 192718

Atlantic Richfield Company
A BP affiliated company

Laboratory Management Program LaMP Chain of Custody Record

Page 1 of 1

BP/ARC Project Name: BP Sanborn
Req Due Date (mm/dd/yy): _____ Rush TAT: Yes ___ No ___
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	City, State, ZIP Code: Sanborn, NY 14132	Consultant/Contractor Project No: 444883-0035
Lab PM: Jessica Oknefski	Lead Regulatory Agency: NYS DEC	Address: 40 La Riviera Pr. Suite 350 Buffalo, NY
Lab Phone: 717 656-2300 X 1815	California Global ID No.:	Consultant/Contractor PM: George Hermance
Lab Shipping Accnt:	Enfos Proposal No: 00100-0126	Phone (716) 407-4990
Lab Bottle Order No:	Accounting Mode: (Provision) ___ OOC-BU ___ OOC-RM ___	Email EDD To: Lorraine Weber
Other Info:	Stage: Activity:	Invoice To: (BP/ARC) ___ Contractor ___

BP/ARC EBM: William Barber
EBM Phone: (716) 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	Report Type & QC Level
	B-9	1/21/09	9:20		X		3	X					X	Standard ___ Full Data Package ___
	B-39		10:20		X		3	X					X	
	B-40		9:35		X		3	X					X	
	B-41		9:25		X		3	X					X	
	P-2		10:35		X		3	X					X	
	P-3		1100		X		3	X					X	
	PW-4		1045		X		3	X					X	
	B-42		1310		X		3	X					X	
	B-38		1420		X		3	X					X	
	Field Dup # 3				X		3	X					X	

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

Sampler's Name: Richard C Backen	Relinquished By / Affiliation	Date	Time	Accepted By / Affiliation	Date	Time
Sampler's Company: O&M Enterprises, Inc.	Richard C Backen	1/21/09	1700			
Shipment Method: Fed Ex Ship Date: 1/20/09						
Shipment Tracking No: 864864811369				LLI	1/22/09	910

Special Instructions:

THIS LINE - LAB USE ONLY: Custody Seals In Place: (Yes) / No | Temp Blank: (Yes) / No | Cooler Temp on Receipt: 5.0 °F (C) | Trip Blank: (Yes) / No | MS/MSD Sample Submitted: Yes / (No)

Laboratory Copy

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

Lancaster Laboratories
2425 New Holland Pike • Lancaster, PA 17601

Environmental Sample Administration
Receipt Documentation Log

Client/Project: Parsons

Date of Receipt: 1/22/09

Time of Receipt: 0910

Source Code: 50-1

Unpacker Emp. No.: 2316

Shipping Container Sealed: (YES) NO

Custody Seal Present: (YES) NO

Custody Seal Intact: (YES) NO NA

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	IR27983	5.0°C	TB	WI	Y	B	
2							
3							
4							
5							
6							

Number of Trip Blanks received NOT listed on chain of custody: 3

Paperwork Discrepancy/Unpacking Problems:

Sample Administration Internal Chain of Custody			
Name	Date	Time	Reason for Transfer
[signature]	1/22/09	1225	Unpacking / to storage
Kristin Leigh	1-22-09	1312	Place in Storage or (Entry)
			Entry
			Entry

Lancaster Laboratories
Explanation of Symbols and Abbreviations

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

N.D.	none detected	**BMQL**	Below Minimum Quantitation Level
TNTC	Too Numerous To Count	**MPN**	Most Probable Number
IU	International Units	**CP Units**	cobalt-chloroplatinate units
umhos/cm	micromhos/cm	**NTU**	nephelometric turbidity units
C	degrees Celsius	**F**	degrees Fahrenheit
Cal	(diet) calories	**lb.**	pound(s)
meq	milliequivalents	**kg**	kilogram(s)
g	gram(s)	**mg**	milligram(s)
ug	microgram(s)	**l**	liter(s)
ml	milliliter(s)	**ul**	microliter(s)
m3	cubic meter(s)	**fib >5 um/ml**	fibers greater than 5 microns in length per ml

< 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

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.

U.S. EPA 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 quatitated on a diluted sample
E	Concentration exceeds the calibration range of the instrument
J	Estimated value
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 amount 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 for methods listed on the laboratories' accreditation scope meet all requirements of NELAC unless otherwise noted under the individual analysis.

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.

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

APPENDIX C

WATER QUALITY DATABASE
JANUARY 2001 THROUGH MARCH 2009

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-ethene (ug/L)	1,1,1-Trichloro-ethane (ug/L)	Trichloro-ethene (ug/L)	Tetrachloro-ethene (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	8260B	ND	ND	ND	ND	ND	2	41	ND	3	ND	4	50
07/09/2007	7G10002-01	8260B	ND	ND	ND	ND	ND	ND	33	ND	2	ND	11	46
07/23/2008	5423254	8260B	ND	ND	1.1 J	1 J	ND	4.3 J	190	ND	19	ND	14	229.4

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- 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-ethene (ug/L)	1,1,1-Trichloro-ethane (ug/L)	Trichloro-ethene (ug/L)	Tetrachloro-ethene (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	8260B	ND	ND	ND	ND	ND	2	28	ND	5	ND	20	55
07/09/2007	7G10002-02	8260B	ND	ND	ND	ND	ND	1	24	ND	4	ND	22	51
07/23/2008	5423255	8260B	ND	ND	ND	ND	ND	1.8 J	41	ND	5.1	ND	12	59.9

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:

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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- 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-ethene (ug/L)	1,1,1-Trichloro-ethane (ug/L)	Trichloro-ethene (ug/L)	Tetrachloro-ethene (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	8260B	ND	ND	ND	ND	6 B	ND	9	ND	36	ND	ND	51
07/09/2007	7G10002-03	8260B	ND	ND	ND	ND	ND	ND	2	ND	6	ND	ND	8
07/23/2008	5423256	8260B	ND	ND	ND	ND	ND	1.5 J	54	ND	290	ND	3 J	348.5

ND - Not detected, indicates parameter was analyzed for, but not detected at or above the reporting limit.
To address the NYSDEC concerns regarding the presentation and plotting of nondetected values, the data for 2001 to 2004 has been reevaluated and interpreted as follows:

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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- 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-ethene (ug/L)	1,1,1-Trichloro-ethane (ug/L)	Trichloro-ethene (ug/L)	Tetrachloro-ethene (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	8260B	ND	ND	ND	ND	ND	ND	10	ND	99	ND	ND	109
07/18/2006	6G19003-14	8260B	ND	ND	ND	ND	5 B	ND	18	ND	109	ND	ND	132
10/10/2006	6J11002-06	8260B	ND	ND	ND	ND	ND	2	73	ND	414 D	ND	4	493
01/09/2007	7A10006-03	8260B	ND	ND	ND	ND	3 B	ND	21	ND	205 D	ND	ND	229
04/04/2007	7D05011-01	8260B	ND	ND	ND	ND	ND	ND	13	ND	150	ND	ND	163
07/11/2007	7G12003-07	8260B	ND	ND	ND	ND	ND	ND	13	ND	137	ND	ND	150
10/10/2007	7J11002-02	8260B	ND	ND	ND	ND	ND	1	45	ND	258 D	ND	3	307
01/08/2008	8A09005-06	8260B	ND	ND	ND	ND	4	3	99	ND	500 D	ND	ND	606
04/07/2008	8D08002-06	8260B	ND	ND	ND	ND	18 B	ND	33	ND	346	ND	ND	397
07/22/2008	5422164	8260B	ND	ND	ND	ND	ND	1 J	26	ND	230	ND	ND	257
10/17/2008	5502671	8260B	ND	ND	ND	ND	ND	ND	10	ND	95	ND	ND	105
01/15/2009	5578622	8260B	ND	ND	ND	ND	ND	0.92 J	26	ND	210	ND	ND	236.92

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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-ethene (ug/L)	1,1,1-Trichloro-ethane (ug/L)	Trichloro-ethene (ug/L)	Tetrachloro-ethene (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	8260B	ND	ND	ND	ND	ND	ND	2	ND	8	ND	ND	10
07/10/2007	7G11015-01	8260B	ND	ND	ND	ND	ND	ND	1	ND	7	ND	ND	8
07/23/2008	5423259	8260B	ND	ND	ND	ND	ND	ND	2.2 J	ND	7.7	ND	ND	9.9

ND - Not detected, indicates parameter was analyzed for, but not detected at or above the reporting limit.
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FORMER CARBORUNDUM FACILITY — WHEATFIELD, NEW YORK

Well Id: B- 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-ethene (ug/L)	1,1,1-Trichloro-ethane (ug/L)	Trichloro-ethene (ug/L)	Tetrachloro-ethene (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	8260B	ND	ND	ND	ND	ND	ND	1020	ND	23200 D	ND	78	24298
07/14/2006	6G14010-01	8260B	ND	ND	ND	20	115	32	3450	ND	58900 D	ND	198	62715
10/09/2006	6J10002-08	8260B	ND	ND	ND	ND	74	ND	975	ND	29100 D	ND	ND	30149
01/09/2007	7A10006-06	8260B	ND	ND	ND	ND	235	ND	2580	ND	48700 D	ND	50	51565
04/12/2007	7D13007-04	8260B	ND	ND	ND	ND	1160	ND	692	ND	17800	ND	ND	19652
07/16/2007	7G17015-05	8260B	ND	ND	ND	ND	1260	ND	4130	ND	71500	ND	ND	76890
10/09/2007	7J10006-05	8260B	ND	ND	ND	ND	ND	ND	6730	ND	120000 D	ND	ND	126730
01/07/2008	8A08003-02RE1	8260B	ND	ND	ND	ND	500	ND	1280	ND	30500	ND	ND	32280
04/09/2008	8D10002-03	8260B	ND	ND	ND	ND	732	ND	4110	ND	101000 D	ND	ND	105842
07/24/2008	5424623	8260B	ND	ND	ND	ND	ND	ND	1400	ND	37000	ND	28 J	38428
10/16/2008	5501565	8260B	ND	ND	ND	ND	ND	ND	4600	ND	32000	ND	200 J	36800
01/15/2009	5578621	8260B	ND	ND	ND	ND	ND	ND	3100	ND	63000	ND	87 J	66187

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

FORMER CARBORUNDUM FACILITY

WHEATFIELD, NEW YORK

Well Id: B- 9M

Date	Lab Sample Id	Method	Carbon tetrachloride (ug/L)	Chloroform (ug/L)	1,1-Dichloro-ethane (ug/L)	1,1-Dichloro ethene (ug/L)	Methylene chloride (ug/L)	Trans-1,2-dichloro-ethene (ug/L)	Cis-1,2-dichloro-ethene (ug/L)	1,1,1-Trichloro-ethane (ug/L)	Trichloro-ethene (ug/L)	Tetrachloro-ethene (ug/L)	Vinyl chloride (ug/L)	Total (ug/L)
07/17/2002	A2732703	8021	ND	ND	ND	ND	ND	ND	7.4	ND	23	1.7	ND	32.1
07/02/2003	A3639709	8021	ND	ND	ND	ND	ND	ND	1.4	ND	2.8	ND	ND	4.2
06/29/2004	A4614511	8021	ND	ND	ND	ND	ND	ND	ND	ND	2	ND	ND	2
07/07/2005	A5706807	8260	ND	ND	ND	ND	ND	ND	2.7	ND	5.4	1.4	ND	9.5
10/24/2005	A5B97302	8260	ND	ND	ND	ND	ND	ND	ND	ND	1.3 B	ND	ND	1.3
01/24/2006	A6089109	8260	ND	ND	ND	ND	ND	ND	ND	ND	0.67 J	ND	ND	0.67
04/12/2006	6D13005-05	8260B	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
07/13/2006	6G14009-05	8260B	ND	ND	ND	ND	3	ND	2	ND	3	ND	ND	8
10/09/2006	6J10002-07	8260B	ND	ND	ND	ND	ND	ND	1	ND	4	ND	ND	5
01/05/2007	7A05012-03	8260B	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
04/04/2007	7D05011-05	8260B	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
07/10/2007	7G11015-03	8260B	ND	ND	ND	ND	ND	ND	ND	ND	1	ND	ND	1
10/09/2007	7J10006-10	8260B	ND	ND	ND	ND	ND	ND	2	ND	ND	ND	ND	2
01/07/2008	8A08003-03	8260B	ND	ND	ND	ND	3	ND	ND	ND	ND	ND	ND	3
04/07/2008	8D08002-07	8260B	ND	ND	ND	ND	2 B	ND	ND	ND	ND	ND	ND	2
07/16/2008	5417444	8260B	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
01/21/2009	5582424	8260B	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-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-ethene (ug/L)	1,1,1-Trichloro-ethane (ug/L)	Trichloro-ethene (ug/L)	Tetrachloro-ethene (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	8260B	ND	ND	ND	ND	ND	ND	5	3	30	ND	ND	38
07/18/2006	6G19003-01	8260B	ND	ND	ND	ND	4 B	ND	13	6	42	ND	ND	65
10/11/2006	6J12003-07RE1	8260B	ND	ND	ND	ND	ND	ND	9	5	53	ND	ND	67
04/18/2007	7D19009-02	8260B	ND	ND	ND	ND	ND	ND	4	3	27	ND	ND	34
07/10/2007	7G11015-04	8260B	ND	ND	ND	ND	ND	ND	6	4	36	ND	ND	46
10/09/2007	7J10006-11	8260B	ND	ND	ND	ND	ND	1	15	5	51	ND	ND	72
04/09/2008	8D10002-01	8260B	ND	ND	ND	ND	3	ND	7	3	58	ND	ND	71
07/24/2008	5424625	8260B	ND	ND	ND	ND	ND	0.81 J	8.4	4.2 J	43	ND	ND	56.41
10/20/2008	5504259	8260B	ND	ND	ND	ND	ND	0.98 J	12	5.1	61	ND	ND	79.08

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2) Total VOCs have been recalculated and represented as the sum of the detected parameters shown on this table.
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FORMER CARBORUNDUM FACILITY

WHEATFIELD, NEW YORK

Well Id: B-11M

Date	Lab Sample Id	Method	Carbon tetrachloride (ug/L)	Chloroform (ug/L)	1,1-Dichloro-ethane (ug/L)	1,1-Dichloro ethene (ug/L)	Methylene chloride (ug/L)	Trans-1,2-dichloro-ethene (ug/L)	Cis-1,2-dichloro-ethene (ug/L)	1,1,1-Trichloro-ethane (ug/L)	Trichloro-ethene (ug/L)	Tetrachloro-ethene (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	8260B	ND	ND	ND	ND	ND	ND	189	ND	1090	30	ND	1309
07/16/2007	7G17015-08	8260B	ND	ND	ND	ND	ND	ND	155	ND	1150	67	ND	1372
07/24/2008	5424624	8260B	ND	ND	ND	ND	ND	0.87 J	170	ND	700	21	ND	891.87

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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-ethene (ug/L)	1,1,1-Trichloro-ethane (ug/L)	Trichloro-ethene (ug/L)	Tetrachloro-ethene (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	8260B	ND	ND	9	3	5 B	4	164	8	581 D	ND	6	780
07/09/2007	7G10002-04RE1	8260B	ND	ND	1	ND	ND	ND	20	2	77	ND	ND	100
07/16/2008	5417452	8260B	ND	ND	69	13	ND	7.8 J	560	110	1600	ND	17	2376.8

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.
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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-ethene (ug/L)	1,1,1-Trichloro-ethane (ug/L)	Trichloro-ethene (ug/L)	Tetrachloro-ethene (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	8260B	ND	ND	3	1	ND	5	321 D	ND	137	ND	5	472
07/14/2006	6G14010-05	8260B	ND	ND	7	5	9	20	838 D	ND	202	ND	59	1140
10/11/2006	6J12003-01	8260B	ND	ND	3	2	ND	8	368 D	ND	73	ND	19	473
01/10/2007	7A11003-05	8260B	ND	ND	2	ND	ND	2	225 D	ND	84	ND	7	320
04/12/2007	7D13007-01	8260B	ND	ND	1	ND	ND	3	152	ND	63	ND	8	227
07/12/2007	7G13019-08	8260B	ND	ND	3	2	ND	10	437 D	ND	127	ND	25	604
10/09/2007	7J10006-02	8260B	ND	ND	ND	ND	ND	9	413	ND	122	ND	27	571
01/08/2008	8A09005-01	8260B	ND	ND	ND	ND	ND	ND	241	ND	59	ND	ND	300
04/10/2008	8D11008-03	8260B	ND	ND	7	ND	12	6	536	ND	456	ND	18	1035
07/24/2008	5424627	8260B	ND	ND	4.4 J	4.2 J	ND	14	660	ND	210	ND	33	925.6
10/15/2008	5499970	8260B	ND	ND	3.7 J	2.6 J	ND	12	470	ND	180	ND	6.1	674.4
01/14/2009	5577590	8260B	ND	ND	4.9 J	2.1 J	ND	3.6 J	260	3.4 J	270	ND	3.4 J	547.4

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1) Nondetected concentrations have been represented as ND for reporting purposes.
2) Total VOCs have been recalculated and represented as the sum of the detected parameters shown on this table.
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FORMER CARBORUNDUM FACILITY

WHEATFIELD, NEW YORK

Well Id: **B-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-ethene (ug/L)	1,1,1-Trichloro-ethane (ug/L)	Trichloro-ethene (ug/L)	Tetrachloro-ethene (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	8260B	ND	ND	ND	ND	ND	ND	306	ND	1500 D	9	17	1832
07/10/2007	7G11015-02RE1	8260B	ND	ND	ND	ND	ND	ND	67	ND	541	11	ND	619
07/21/2008	5420898	8260B	ND	ND	ND	ND	ND	1.1 J	130	ND	300	3.9 J	ND	435

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-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-ethene (ug/L)	1,1,1-Trichloro-ethane (ug/L)	Trichloro-ethene (ug/L)	Tetrachloro-ethene (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	8260B	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
07/17/2007	7G18027-08	8260B	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
07/21/2008	5420897	8260B	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-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-ethene (ug/L)	1,1,1-Trichloro-ethane (ug/L)	Trichloro-ethene (ug/L)	Tetrachloro-ethene (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	8260B	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
07/18/2007	7G19011-07	8260B	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
07/17/2008	5418429	8260B	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND

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To address the NYSDEC concerns regarding the presentation and plotting of nondetected values, the data for 2001 to 2004 has been reevaluated and interpreted as follows:

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

FORMER CARBORUNDUM FACILITY

WHEATFIELD, NEW YORK

Well Id: B-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-ethene (ug/L)	1,1,1-Trichloro-ethane (ug/L)	Trichloro-ethene (ug/L)	Tetrachloro-ethene (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	8260B	ND	ND	48	39	ND	60	9570 D	ND	7730 D	ND	1210	18657
07/18/2006	6G19003-05	8260B	ND	ND	72	40	212 B	61	8250 D	34	8170 D	ND	1320	18159
10/09/2006	6J10002-09	8260B	ND	ND	66	28	129	36	6730 D	175	12000 D	ND	798	19962
01/09/2007	7A10006-08	8260B	ND	ND	ND	ND	227	ND	5190	ND	12800 D	ND	372	18589
04/12/2007	7D13007-03	8260B	ND	ND	ND	ND	ND	ND	3100	ND	3100	ND	475	6675
07/16/2007	7G17015-01	8260B	ND	ND	ND	ND	ND	ND	8490	ND	2940	ND	1510	12940
10/09/2007	7J10006-08	8260B	ND	ND	ND	ND	277	ND	12300	ND	3150	ND	2540	18267
01/07/2008	8A08003-10	8260B	ND	ND	129	ND	350	ND	4910	ND	3070	ND	718	9177
04/09/2008	8D10002-02	8260B	ND	ND	184	ND	468	ND	5820	70	2530	ND	1020	10092
07/25/2008	5426027	8260B	ND	ND	71	44 J	ND	45 J	8000	11 J	3800	ND	1300	13271
10/14/2008	5498684	8260B	ND	ND	100	50 J	ND	52	11000	10 J	3900	ND	1500	16612
01/14/2009	5577592	8260B	ND	ND	180	39	ND	34	5900	49	2800	5.8 J	910	9917.8

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-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-ethene (ug/L)	1,1,1-Trichloro-ethane (ug/L)	Trichloro-ethene (ug/L)	Tetrachloro-ethene (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	8260B	ND	ND	ND	ND	ND	2	23	ND	1	ND	9	35
07/05/2007	7G06018-01	8260B	ND	ND	ND	ND	ND	1	27	ND	ND	ND	11	39
07/23/2008	5423260	8260B	ND	ND	ND	ND	ND	1.1 J	26	ND	ND	ND	11	38.1

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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-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-ethene (ug/L)	1,1,1-Trichloro-ethane (ug/L)	Trichloro-ethene (ug/L)	Tetrachloro-ethene (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	8260B	ND	ND	ND	ND	2	ND	3	ND	ND	ND	ND	5
07/14/2006	6G14010-06	8260B	ND	ND	ND	ND	8	ND	3	ND	ND	ND	ND	11
10/11/2006	6J12003-08	8260B	ND	ND	ND	ND	ND	ND	5	ND	1	ND	ND	6
01/08/2007	7A09003-05	8260B	ND	ND	ND	ND	ND	ND	3	ND	ND	ND	ND	3
04/12/2007	7D13007-02	8260B	ND	ND	ND	ND	8	ND	4	ND	ND	ND	ND	12
07/10/2007	7G11015-05	8260B	ND	ND	ND	ND	ND	ND	3	ND	4	ND	ND	7
10/09/2007	7J10006-03	8260B	ND	ND	ND	ND	ND	ND	2	ND	16	ND	ND	18
01/07/2008	8A08003-05	8260B	ND	ND	ND	ND	2	ND	3	ND	ND	ND	ND	5
04/10/2008	8D11008-02	8260B	ND	ND	ND	ND	ND	ND	4	ND	ND	ND	ND	4
07/16/2008	5417449	8260B	ND	ND	ND	ND	ND	ND	2.5 J	ND	ND	ND	ND	2.5
10/15/2008	5499969	8260B	ND	ND	ND	ND	ND	ND	3.8 J	ND	2.2 J	ND	ND	6
01/14/2009	5577589	8260B	ND	ND	ND	ND	ND	ND	2.6 J	ND	ND	ND	ND	2.6

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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-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-ethene (ug/L)	1,1,1-Trichloro-ethane (ug/L)	Trichloro-ethene (ug/L)	Tetrachloro-ethene (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	8260B	ND	ND	ND	ND	6 B	ND	ND	ND	ND	ND	ND	6
07/11/2007	7G12003-09	8260B	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
07/22/2008	5422165	8260B	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND

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To address the NYSDEC concerns regarding the presentation and plotting of nondetected values, the data for 2001 to 2004 has been reevaluated and interpreted as follows:

1) Nondetected concentrations have been represented as ND for reporting purposes.
2) Total VOCs have been recalculated and represented as the sum of the detected parameters shown on this table.
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FORMER CARBORUNDUM FACILITY

WHEATFIELD, NEW YORK

Well Id: **B-21M**

Date	Lab Sample Id	Method	Carbon tetrachloride (ug/L)	Chloroform (ug/L)	1,1-Dichloro-ethane (ug/L)	1,1-Dichloro ethene (ug/L)	Methylene chloride (ug/L)	Trans-1,2-dichloro-ethene (ug/L)	Cis-1,2-dichloro-ethene (ug/L)	1,1,1-Trichloro-ethane (ug/L)	Trichloro-ethene (ug/L)	Tetrachloro-ethene (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	8260B	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
07/17/2006	6G18004-03	8260B	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
10/10/2006	6J11002-07	8260B	ND	ND	ND	ND	ND	ND	ND	ND	1	ND	ND	1
01/11/2007	7A12004-01	8260B	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
04/05/2007	7D06002-01	8260B	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
07/18/2007	7G19011-03	8260B	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
10/11/2007	7J12012-01	8260B	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
01/09/2008	8A10002-02	8260B	ND	ND	ND	ND	2	ND	ND	ND	ND	ND	ND	2
04/07/2008	8D08002-02	8260B	ND	ND	ND	ND	10 B	ND	ND	ND	ND	ND	ND	10
07/21/2008	5420899	8260B	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
10/15/2008	5499966	8260B	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
01/13/2009	5576506	8260B	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-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-ethene (ug/L)	1,1,1-Trichloro-ethane (ug/L)	Trichloro-ethene (ug/L)	Tetrachloro-ethene (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	8260B	ND	ND	ND	ND	ND	1	61	ND	17	ND	14	93
07/17/2006	6G18004-05	8260B	ND	ND	ND	ND	ND	ND	29	ND	5	ND	2	36
10/10/2006	6J11002-08	8260B	ND	ND	ND	ND	ND	1	66	ND	10	ND	4	81
01/11/2007	7A12004-02	8260B	ND	ND	3	ND	ND	14	370 D	ND	89	ND	ND	476
04/19/2007	7D20005-01	8260B	ND	ND	ND	ND	ND	5	136	ND	35	ND	5	181
07/18/2007	7G19011-02	8260B	ND	ND	ND	ND	ND	ND	26	ND	5	ND	ND	31
10/11/2007	7J12012-03	8260B	ND	ND	ND	ND	ND	ND	24	ND	4	ND	ND	28
01/09/2008	8A10002-01	8260B	ND	ND	ND	ND	ND	ND	17	ND	3	ND	3	23
04/08/2008	8D09003-07	8260B	ND	ND	2	1	6	10	301 D	ND	95	ND	2	417
07/21/2008	5420900	8260B	ND	ND	ND	ND	ND	ND	24	ND	4.9 J	ND	1.2 J	30.1
10/15/2008	5499967	8260B	ND	ND	ND	ND	ND	ND	29	ND	4.1 J	ND	ND	33.1
01/13/2009	5576505	8260B	ND	ND	3.1 J	2 J	ND	14	460	ND	120	ND	1 J	600.1

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1) Nondetected concentrations have been represented as ND for reporting purposes.
2) Total VOCs have been recalculated and represented as the sum of the detected parameters shown on this table.
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-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-ethene (ug/L)	1,1,1-Trichloro-ethane (ug/L)	Trichloro-ethene (ug/L)	Tetrachloro-ethene (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	8260B	ND	ND	1	ND	ND	1	272 D	ND	9	ND	17	300
07/20/2006	6G21005-05	8260B	ND	ND	ND	ND	25	ND	309	ND	ND	ND	39	373
10/10/2006	6J11002-02RE1	8260B	ND	ND	1	ND	ND	2	243 D	ND	10	ND	28	284
01/08/2007	7A09003-01	8260B	ND	ND	ND	ND	ND	ND	238	ND	182	ND	ND	420
04/18/2007	7D19009-01	8260B	ND	ND	2	ND	ND	2	239 D	ND	41	ND	17	301
07/11/2007	7G12003-01	8260B	ND	ND	ND	ND	ND	ND	178	ND	8	ND	24	210
10/10/2007	7J11002-03	8260B	ND	ND	1	ND	ND	ND	272 D	ND	2	ND	34	309
01/08/2008	8A09005-04	8260B	ND	ND	ND	ND	ND	4	171	ND	71	ND	11	257
04/09/2008	8D10002-04	8260B	ND	ND	2	1	2	2	292 D	ND	21	ND	24	344
07/25/2008	5426028	8260B	ND	ND	1.1 J	ND	ND	0.87 J	270	ND	1.8 J	ND	58	331.77
10/17/2008	5502673	8260B	ND	ND	1.2 J	ND	ND	0.9 J	280	ND	1.5 J	ND	37	320.6
01/13/2009	5576509	8260B	ND	ND	2.2 J	0.96 J	ND	2.3 J	270	ND	53	ND	17	345.46

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To address the NYSDEC concerns regarding the presentation and plotting of nondetected values, the data for 2001 to 2004 has been reevaluated and interpreted as follows:

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

FORMER CARBORUNDUM FACILITY

WHEATFIELD, NEW YORK

Well Id: B-24M

Date	Lab Sample Id	Method	Carbon tetrachloride (ug/L)	Chloroform (ug/L)	1,1-Dichloro-ethane (ug/L)	1,1-Dichloro ethene (ug/L)	Methylene chloride (ug/L)	Trans-1,2-dichloro-ethene (ug/L)	Cis-1,2-dichloro-ethene (ug/L)	1,1,1-Trichloro-ethane (ug/L)	Trichloro-ethene (ug/L)	Tetrachloro-ethene (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	8260B	ND	ND	ND	ND	ND	ND	1	ND	3	ND	ND	4
07/19/2006	6G20004-06	8260B	ND	ND	ND	ND	ND	ND	ND	ND	3	ND	ND	3
10/10/2006	6J11002-03	8260B	ND	ND	ND	ND	ND	ND	1	ND	2	ND	ND	3
01/08/2007	7A09003-02	8260B	ND	ND	ND	ND	ND	ND	1	ND	3	ND	ND	4
04/04/2007	7D05011-02	8260B	ND	ND	ND	ND	3	ND	1	ND	3	ND	ND	7
07/11/2007	7G12003-03	8260B	ND	ND	ND	ND	ND	ND	ND	ND	3	ND	ND	3
10/10/2007	7J11002-05	8260B	ND	ND	ND	ND	ND	ND	ND	ND	1	ND	ND	1
01/08/2008	8A09005-05	8260B	ND	ND	ND	ND	ND	ND	6	ND	12	ND	ND	18
04/07/2008	8D08002-05	8260B	ND	ND	ND	ND	ND	ND	1	ND	4	ND	ND	5
07/28/2008	5426821	8260B	ND	ND	ND	ND	ND	ND	ND	ND	1.2 J	ND	ND	1.2
10/17/2008	5502674	8260B	ND	ND	ND	ND	ND	ND	ND	ND	4.3 J	ND	ND	4.3
01/13/2009	5576514	8260B	ND	ND	ND	ND	ND	ND	1.1 J	ND	4.2 J	ND	ND	5.3

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-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-ethene (ug/L)	1,1,1-Trichloro-ethane (ug/L)	Trichloro-ethene (ug/L)	Tetrachloro-ethene (ug/L)	Vinyl chloride (ug/L)	Total (ug/L)
07/16/2001	A1674109	8021	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
07/10/2002	A2708301	8021	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
07/02/2003	A3639714	8021	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
07/14/2004	A4664208	8021	ND	ND	ND	ND	ND	ND	1.4	ND	1.3	ND	ND	2.7
07/12/2005	A5733105	8260/5ML	ND	ND	ND	ND	ND	ND	0.68 J	ND	1.3	ND	ND	1.98

ND - Not detected, indicates parameter was analyzed for, but not detected at or above the reporting limit.

To address the NYSDEC concerns regarding the presentation and plotting of nondetected values, the data for 2001 to 2004 has been reevaluated and interpreted as follows:

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

FORMER CARBORUNDUM FACILITY

WHEATFIELD, NEW YORK

Well Id: **B-26M**

Date	Lab Sample Id	Method	Carbon tetrachloride (ug/L)	Chloroform (ug/L)	1,1-Dichloro-ethane (ug/L)	1,1-Dichloro ethene (ug/L)	Methylene chloride (ug/L)	Trans-1,2-dichloro-ethene (ug/L)	Cis-1,2-dichloro-ethene (ug/L)	1,1,1-Trichloro-ethane (ug/L)	Trichloro-ethene (ug/L)	Tetrachloro-ethene (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	8260B	ND	ND	ND	ND	4	ND	ND	ND	ND	ND	ND	4
07/18/2007	7G19011-05	8260B	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
07/24/2008	5424621	8260B	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-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-ethene (ug/L)	1,1,1-Trichloro-ethane (ug/L)	Trichloro-ethene (ug/L)	Tetrachloro-ethene (ug/L)	Vinyl chloride (ug/L)	Total (ug/L)
07/12/2001	A1663805	8021	ND	ND	ND	ND	5.8	8.5	400	ND	34	ND	ND	448.3
07/16/2002	A2722910	8021	ND	ND	ND	ND	5.7	9.4	240	ND	18	ND	14	287.1
07/10/2003	A3654301	8021	ND	ND	ND	ND	ND	6.8	230	ND	4.1	ND	9	249.9
07/07/2004	A4636801	8021	ND	ND	ND	1	ND	4.4	80	ND	4.8	ND	4.1	94.3
07/14/2005	A5740601	8260/5ML	ND	ND	ND	ND	ND	3.3	50	ND	5.3	ND	2.3	60.9

ND - Not detected, indicates parameter was analyzed for, but not detected at or above the reporting limit.
To address the NYSDEC concerns regarding the presentation and plotting of nondetected values, the data for 2001 to 2004 has been reevaluated and interpreted as follows:

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

FORMER CARBORUNDUM FACILITY

WHEATFIELD, NEW YORK

Well Id: B-28M

Date	Lab Sample Id	Method	Carbon tetrachloride (ug/L)	Chloroform (ug/L)	1,1-Dichloro-ethane (ug/L)	1,1-Dichloro ethene (ug/L)	Methylene chloride (ug/L)	Trans-1,2-dichloro-ethene (ug/L)	Cis-1,2-dichloro-ethene (ug/L)	1,1,1-Trichloro-ethane (ug/L)	Trichloro-ethene (ug/L)	Tetrachloro-ethene (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	8260B	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
07/17/2006	6G18004-06RE1	8260B	ND	ND	ND	ND	4 B	ND	ND	ND	ND	ND	ND	4
10/10/2006	6J11002-09	8260B	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
01/11/2007	7A12004-03	8260B	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
04/05/2007	7D06002-02	8260B	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
07/18/2007	7G19011-04	8260B	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
10/11/2007	7J12012-04	8260B	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
01/09/2008	8A10002-03	8260B	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
04/07/2008	8D08002-01	8260B	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
07/21/2008	5420901	8260B	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
10/15/2008	5499968	8260B	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
01/13/2009	5576507	8260B	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND

ND - Not detected, indicates parameter was analyzed for, but not detected at or above the reporting limit.
To address the NYSDEC concerns regarding the presentation and plotting of nondetected values, the data for 2001 to 2004 has been reevaluated and interpreted as follows:

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

FORMER CARBORUNDUM FACILITY

WHEATFIELD, NEW YORK

Well Id: B-29M

Date	Lab Sample Id	Method	Carbon tetrachloride (ug/L)	Chloroform (ug/L)	1,1-Dichloro-ethane (ug/L)	1,1-Dichloro ethene (ug/L)	Methylene chloride (ug/L)	Trans-1,2-dichloro-ethene (ug/L)	Cis-1,2-dichloro-ethene (ug/L)	1,1,1-Trichloro-ethane (ug/L)	Trichloro-ethene (ug/L)	Tetrachloro-ethene (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	8260B	ND	ND	ND	ND	3	ND	43	ND	8	ND	3	57
07/11/2007	7G12003-02	8260B	ND	ND	ND	ND	ND	ND	30	ND	6	ND	3	39
07/25/2008	5426025	8260B	ND	ND	ND	ND	ND	ND	19	ND	3 J	ND	1.8 J	23.8

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-ethene (ug/L)	1,1,1-Trichloro-ethane (ug/L)	Trichloro-ethene (ug/L)	Tetrachloro-ethene (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	8260B	ND	ND	ND	ND	ND	ND	2	ND	ND	ND	ND	2
07/18/2007	7G19011-06	8260B	ND	ND	ND	ND	ND	ND	2	ND	ND	ND	ND	2
07/24/2008	5424622	8260B	ND	ND	ND	ND	ND	ND	3.1 J	ND	1.1 J	ND	ND	4.2

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-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-ethene (ug/L)	1,1,1-Trichloro-ethane (ug/L)	Trichloro-ethene (ug/L)	Tetrachloro-ethene (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	8260	ND	ND	ND	ND	2.2 J	0.76 J	31	ND	0.83 J	ND	ND	34.79
07/20/2004	A4682903	8021	ND	ND	ND	ND	ND	ND	39 E	ND	ND	ND	2.5 E	41.5
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	8260B	ND	ND	ND	ND	2	1	35	ND	ND	ND	7	45
07/10/2007	7G11015-08	8260B	ND	ND	ND	ND	ND	ND	28	ND	ND	ND	5	33
07/25/2008	5426032	8260B	ND	ND	ND	ND	ND	1.4 J	31	ND	ND	ND	6.8	39.2

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-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-ethene (ug/L)	1,1,1-Trichloro-ethane (ug/L)	Trichloro-ethene (ug/L)	Tetrachloro-ethene (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	8260B	ND	ND	ND	ND	4	ND	ND	ND	ND	ND	ND	4
07/10/2007	7G11015-09	8260B	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
07/25/2008	5426033	8260B	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-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-ethene (ug/L)	1,1,1-Trichloro-ethane (ug/L)	Trichloro-ethene (ug/L)	Tetrachloro-ethene (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-ethene (ug/L)	1,1,1-Trichloro-ethane (ug/L)	Trichloro-ethene (ug/L)	Tetrachloro-ethene (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-ethene (ug/L)	1,1,1-Trichloro-ethane (ug/L)	Trichloro-ethene (ug/L)	Tetrachloro-ethene (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-ethene (ug/L)	1,1,1-Trichloro-ethane (ug/L)	Trichloro-ethene (ug/L)	Tetrachloro-ethene (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	8260B	ND	ND	1	ND	ND	2	82	ND	33	ND	ND	118
07/17/2006	6G18004-04	8260B	ND	ND	ND	ND	ND	1	66	ND	25	ND	ND	92
10/12/2006	6J16007-02RE1	8260B	ND	ND	ND	ND	ND	ND	55	ND	23	ND	2	80
01/10/2007	7A11003-06	8260B	ND	ND	ND	ND	ND	ND	56	ND	23	ND	2	81
04/05/2007	7D06002-03	8260B	ND	ND	ND	ND	ND	ND	41	ND	20	ND	ND	61
07/18/2007	7G19011-01	8260B	ND	ND	ND	ND	ND	1	58	ND	32	ND	ND	91
10/11/2007	7J12012-05	8260B	ND	ND	ND	ND	ND	ND	36	ND	21	ND	ND	57
01/09/2008	8A10002-04	8260B	ND	ND	ND	ND	ND	ND	63	ND	29	ND	3	95
04/08/2008	8D09003-01	8260B	ND	ND	ND	ND	2 B	ND	39	ND	12	ND	ND	53
07/25/2008	5426024	8260B	ND	ND	ND	ND	ND	0.88 J	48	ND	21	ND	ND	69.88
10/14/2008	5498683	8260B	ND	ND	ND	ND	ND	ND	46	ND	25	ND	ND	71
01/21/2009	5582432	8260B	ND	ND	ND	ND	ND	ND	54	ND	19	ND	1.4 J	74.4

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-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-ethene (ug/L)	1,1,1-Trichloro-ethane (ug/L)	Trichloro-ethene (ug/L)	Tetrachloro-ethene (ug/L)	Vinyl chloride (ug/L)	Total (ug/L)
01/11/2001	A1035106	8021	ND	ND	ND	ND	ND	0.21 J	4.5	ND	8.7	ND	ND	13.41
04/19/2001	A1361308	624	ND	ND	ND	ND	ND	ND	ND	ND	0.32	ND	ND	0.32
07/10/2001	A1648711	8021	ND	ND	ND	ND	ND	ND	0.84 J	ND	2.6	ND	ND	3.44
10/18/2001	A1A23312	8021	ND	ND	ND	ND	ND	ND	11	ND	97	ND	ND	108
01/24/2002	A2076707	8021	ND	ND	ND	ND	1.9 J	ND	ND	ND	5.9	ND	ND	7.8
04/15/2002	A2370202	8021	ND	ND	ND	ND	ND	ND	ND	ND	2.4	ND	ND	2.4
07/16/2002	A2722906	8021	ND	ND	ND	ND	ND	ND	0.31 J	ND	2	ND	ND	2.31
10/08/2002	A2999101	8021	ND	ND	ND	ND	ND	ND	0.27 J	ND	2.4	ND	ND	2.67
01/23/2003	A3075201	8021	ND	ND	ND	ND	ND	ND	ND	ND	1.7	ND	ND	1.7
04/25/2003	A3389603	8021	ND	ND	ND	ND	ND	ND	0.61 J	ND	2.8	ND	ND	3.41
07/21/2003	A3699404	8021	ND	ND	ND	ND	ND	ND	1.2	ND	2.6	ND	ND	3.8
10/22/2003	A3A21903	8021	ND	ND	ND	ND	ND	ND	5.4	ND	7.4	ND	ND	12.8
01/21/2004	A4053401	8021	ND	ND	ND	ND	ND	ND	2.3	ND	8.5	ND	ND	10.8
04/29/2004	A4402502	8021	ND	ND	ND	ND	ND	ND	ND	ND	3.6	ND	ND	3.6
07/16/2004	A4674301	8021	ND	ND	ND	ND	ND	ND	4.9 E	ND	8.4	ND	ND	13.3
07/16/2004	A4674301	8260	ND	ND	ND	ND	ND	ND	4	ND	10	ND	ND	14
10/12/2004	A4A09405	8021	ND	ND	ND	ND	ND	ND	4	ND	8.1	ND	ND	12.1
01/12/2005	A5036106	8260	ND	ND	ND	ND	ND	ND	1.9	ND	140 E	ND	ND	141.9
01/12/2005	A5036106DL	8260									94 D			94
04/26/2005	A5414401	8260	ND	ND	ND	ND	ND	ND	0.8 J	ND	4.3	ND	ND	5.1
07/26/2005	A5791601	8260/5ML	ND	ND	ND	ND	ND	ND	3.3	ND	8.5	ND	ND	11.8
10/21/2005	A5B92802	8260	ND	ND	ND	ND	ND	ND	2	ND	4.8	ND	ND	6.8
01/26/2006	A6102406	8260	ND	ND	ND	ND	ND	ND	2	ND	7	ND	ND	9
04/20/2006	6D21003-03	8260B	ND	ND	ND	ND	ND	ND	2	ND	7	ND	ND	9
07/18/2006	6G19003-03	8260B	ND	ND	ND	ND	4 B	ND	7	ND	7	ND	ND	18
10/11/2006	6J12003-06RE1	8260B	ND	ND	ND	ND	ND	ND	3	ND	4	ND	ND	7
01/09/2007	7A10006-04	8260B	ND	ND	ND	ND	ND	ND	2	ND	7	ND	ND	9
04/17/2007	7D18003-01	8260B	ND	ND	ND	ND	ND	ND	2	ND	5	ND	ND	7
07/16/2007	7G17015-07	8260B	ND	ND	ND	ND	ND	ND	4	ND	1	ND	ND	5
10/15/2007	7J16003-01	8260B	ND	ND	ND	ND	ND	ND	4	ND	3	ND	ND	7
01/14/2008	8A15002-01	8260B	ND	ND	ND	ND	ND	ND	4	ND	14	ND	ND	18
04/15/2008	8D16011-02	8260B	ND	ND	ND	ND	5 B	ND	ND	ND	3	ND	ND	8
07/24/2008	5424626	8260B	ND	ND	ND	ND	ND	ND	0.9 J	ND	4.1 J	ND	ND	5
10/16/2008	5501559	8260B	ND	ND	ND	ND	ND	ND	0.87 J	ND	3 J	ND	ND	3.87
01/21/2009	5582425	8260B	ND	ND	ND	ND	ND	ND	0.86 J	ND	2.5 J	ND	ND	3.36

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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-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-ethene (ug/L)	1,1,1-Trichloro-ethane (ug/L)	Trichloro-ethene (ug/L)	Tetrachloro-ethene (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	8260B	ND	ND	ND	ND	ND	ND	3	ND	ND	ND	ND	3
07/18/2006	6G19003-04	8260B	ND	ND	ND	ND	5 B	ND	4	ND	1	ND	ND	10
10/11/2006	6J12003-05	8260B	ND	ND	ND	ND	ND	ND	5	ND	2	ND	ND	7
01/05/2007	7A05012-04	8260B	ND	ND	ND	ND	3 B	ND	6	ND	3	ND	ND	12
04/17/2007	7D18003-02	8260B	ND	ND	ND	ND	ND	ND	4	ND	2	ND	ND	6
07/16/2007	7G17015-10	8260B	ND	ND	ND	ND	ND	ND	3	ND	ND	ND	ND	3
10/15/2007	7J16003-02	8260B	ND	ND	ND	ND	ND	ND	4	ND	2	ND	ND	6
01/09/2008	8A10002-06	8260B	ND	ND	ND	ND	ND	ND	4	ND	2	ND	ND	6
04/15/2008	8D16011-03	8260B	ND	ND	ND	ND	4 B	ND	4	ND	3	ND	ND	11
07/23/2008	5423261	8260B	ND	ND	ND	ND	ND	ND	3.1 J	ND	1.6 J	ND	ND	4.7
10/16/2008	5501558	8260B	ND	ND	ND	ND	ND	ND	6.1	ND	3.2 J	ND	ND	9.3
01/21/2009	5582426	8260B	ND	ND	ND	ND	ND	ND	5.9	ND	2.9 J	ND	ND	8.8

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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.
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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-ethene (ug/L)	1,1,1-Trichloro-ethane (ug/L)	Trichloro-ethene (ug/L)	Tetrachloro-ethene (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	8260B	ND	ND	ND	ND	ND	ND	4	ND	ND	ND	ND	4
07/18/2006	6G19003-02	8260B	ND	ND	ND	ND	4 B	ND	5	ND	ND	ND	ND	9
10/12/2006	6J16007-01RE1	8260B	ND	ND	ND	ND	ND	ND	3	ND	ND	ND	ND	3
01/09/2007	7A10006-07	8260B	ND	ND	ND	ND	ND	ND	4	ND	1	ND	ND	5
04/17/2007	7D18003-03	8260B	ND	ND	ND	ND	ND	ND	5	ND	ND	ND	ND	5
07/16/2007	7G17015-09	8260B	ND	ND	ND	ND	ND	ND	4	ND	ND	ND	ND	4
10/15/2007	7J16003-03	8260B	ND	ND	ND	ND	ND	ND	3	ND	ND	ND	ND	3
01/09/2008	8A10002-05	8260B	ND	ND	ND	ND	ND	ND	3	ND	ND	ND	ND	3
04/16/2008	8D16026-01	8260B	ND	ND	ND	ND	4 B	ND	5	ND	ND	ND	ND	9
07/16/2008	5417443	8260B	ND	ND	ND	ND	ND	ND	2.5 J	ND	ND	ND	ND	2.5
10/16/2008	5501557	8260B	ND	ND	ND	ND	ND	ND	4.6 J	ND	ND	ND	ND	4.6
01/21/2009	5582427	8260B	ND	ND	ND	ND	ND	ND	5.9	ND	ND	ND	1.5 J	7.4

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1) Nondetected concentrations have been represented as ND for reporting purposes.
2) Total VOCs have been recalculated and represented as the sum of the detected parameters shown on this table.
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-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-ethene (ug/L)	1,1,1-Trichloro-ethane (ug/L)	Trichloro-ethene (ug/L)	Tetrachloro-ethene (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	8260B	ND	ND	ND	ND	ND	ND	6	ND	4	ND	ND	10
07/18/2006	6G19003-08	8260B	ND	ND	ND	ND	5 B	ND	7	ND	3	ND	ND	15
10/11/2006	6J12003-03	8260B	ND	ND	ND	ND	ND	1	10	ND	4	ND	ND	15
01/10/2007	7A11003-01	8260B	ND	ND	ND	ND	ND	ND	3	ND	2	ND	ND	5
04/16/2007	7D17002-01	8260B	ND	ND	ND	ND	ND	ND	5	ND	3	ND	ND	8
07/16/2007	7G17015-02	8260B	ND	ND	ND	ND	2	ND	3	ND	2	ND	ND	7
10/09/2007	7J10006-09	8260B	ND	ND	ND	ND	ND	ND	4	ND	3	ND	ND	7
01/14/2008	8A15002-02	8260B	ND	ND	ND	ND	ND	ND	8	ND	4	ND	ND	12
04/14/2008	8D15002-01	8260B	ND	ND	ND	ND	2 B	ND	6	ND	3	ND	ND	11
07/23/2008	5423257	8260B	ND	ND	ND	ND	ND	0.81 J	6.8	ND	2.4 J	ND	ND	10.01
10/16/2008	5501561	8260B	ND	ND	ND	ND	ND	ND	16	ND	31	ND	ND	47
01/21/2009	5582431	8260B	ND	ND	ND	ND	ND	ND	6.8	ND	5 J	ND	ND	11.8

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To address the NYSDEC concerns regarding the presentation and plotting of nondetected values, the data for 2001 to 2004 has been reevaluated and interpreted as follows:

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

FORMER CARBORUNDUM FACILITY — WHEATFIELD, NEW YORK

Well Id: B-43M

Date	Lab Sample Id	Method	Carbon tetrachloride (ug/L)	Chloroform (ug/L)	1,1-Dichloro-ethane (ug/L)	1,1-Dichloro ethene (ug/L)	Methylene chloride (ug/L)	Trans-1,2-dichloro-ethene (ug/L)	Cis-1,2-dichloro-ethene (ug/L)	1,1,1-Trichloro-ethane (ug/L)	Trichloro-ethene (ug/L)	Tetrachloro-ethene (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	8260B	ND	ND	ND	ND	ND	ND	12	ND	3	ND	3	18
07/18/2006	6G19003-07	8260B	ND	ND	ND	ND	4 B	ND	8	ND	4	ND	ND	16
10/11/2006	6J12003-02	8260B	ND	ND	ND	ND	ND	1	12	ND	36	ND	ND	49
01/10/2007	7A11003-02	8260B	ND	ND	ND	ND	ND	ND	12	ND	5	ND	4	21
04/16/2007	7D17002-02	8260B	ND	ND	ND	ND	ND	ND	9	ND	2	ND	ND	11
07/16/2007	7G17015-03	8260B	ND	ND	ND	ND	ND	ND	9	ND	2	ND	3	14
10/10/2007	7J11002-07	8260B	ND	ND	ND	ND	ND	ND	8	ND	3	ND	2	13
01/14/2008	8A15002-03	8260B	ND	ND	ND	ND	ND	ND	9	ND	2	ND	2	13
04/14/2008	8D15002-02	8260B	ND	ND	ND	ND	3 B	ND	5	ND	ND	ND	ND	8
07/23/2008	5423258	8260B	ND	ND	ND	ND	ND	ND	8.5	ND	2.3 J	ND	2.6 J	13.4
10/16/2008	5501560	8260B	ND	ND	ND	ND	ND	ND	10	ND	2.8 J	ND	3.1 J	15.9
01/15/2009	5578617	8260B	ND	ND	ND	ND	ND	ND	9.1	ND	5.3	ND	2.5 J	16.9

ND - Not detected, indicates parameter was analyzed for, but not detected at or above the reporting limit.
To address the NYSDEC concerns regarding the presentation and plotting of nondetected values, the data for 2001 to 2004 has been reevaluated and interpreted as follows:

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

FORMER CARBORUNDUM FACILITY

WHEATFIELD, NEW YORK

Well Id: B-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-ethene (ug/L)	1,1,1-Trichloro-ethane (ug/L)	Trichloro-ethene (ug/L)	Tetrachloro-ethene (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	8260B	ND	ND	7	ND	ND	ND	7	ND	2	ND	8	24
07/18/2006	6G19003-06	8260B	ND	ND	7	ND	11 B	ND	8	ND	3	ND	5	34
10/11/2006	6J12003-04	8260B	ND	ND	8	ND	ND	ND	12	ND	6	ND	9	35
01/10/2007	7A11003-03	8260B	ND	ND	6	ND	ND	ND	5	ND	10	ND	6	27
04/17/2007	7D18003-04	8260B	ND	ND	5	ND	ND	ND	1	ND	ND	ND	3	9
07/16/2007	7G17015-04	8260B	ND	ND	7	ND	ND	ND	8	ND	5	ND	7	27
10/10/2007	7J11002-08	8260B	ND	ND	6	ND	ND	ND	7	ND	4	ND	4	21
01/14/2008	8A15002-04	8260B	ND	ND	7	ND	ND	ND	9	ND	5	ND	6	27
04/15/2008	8D16011-01	8260B	ND	ND	5	ND	4 B	ND	4	ND	2	ND	4	19
07/28/2008	5426819	8260B	ND	ND	7.7	ND	ND	ND	8.1	ND	5.2	ND	7.2	28.2
10/16/2008	5501564	8260B	ND	ND	9.6	ND	ND	ND	11	ND	6.7	ND	7.5	34.8
01/15/2009	5578616	8260B	ND	ND	8.3	ND	ND	ND	8.9	ND	7.4	ND	6.3	30.9

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To address the NYSDEC concerns regarding the presentation and plotting of nondetected values, the data for 2001 to 2004 has been reevaluated and interpreted as follows:

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

FORMER CARBORUNDUM FACILITY

WHEATFIELD, NEW YORK

Well Id: **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-ethene (ug/L)	1,1,1-Trichloro-ethane (ug/L)	Trichloro-ethene (ug/L)	Tetrachloro-ethene (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	8260B	ND	ND	ND	ND	3	ND	ND	ND	ND	ND	ND	3
07/10/2007	7G11015-10	8260B	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
07/25/2008	5426026	8260B	ND	ND	ND	ND	ND	ND	ND	ND	1.3 J	ND	ND	1.3

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2) Total VOCs have been recalculated and represented as the sum of the detected parameters shown on this table.
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FORMER CARBORUNDUM FACILITY

WHEATFIELD, NEW YORK

Well Id: B-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-ethene (ug/L)	1,1,1-Trichloro-ethane (ug/L)	Trichloro-ethene (ug/L)	Tetrachloro-ethene (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	8260B	ND	ND	ND	ND	3	1	59	ND	7	ND	4	74
07/10/2007	7G11015-11RE1	8260B	ND	ND	ND	ND	ND	ND	33	ND	5	ND	2	40
07/25/2008	5426034	8260B	ND	ND	ND	ND	ND	ND	18	ND	1.2 J	ND	2.7 J	21.9

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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-ethene (ug/L)	1,1,1-Trichloro-ethane (ug/L)	Trichloro-ethene (ug/L)	Tetrachloro-ethene (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	8260B	ND	ND	ND	ND	2	ND	ND	ND	3	ND	ND	5
07/21/2006	6G21018-01	8260B	ND	ND	ND	ND	ND	ND	2	ND	4	ND	ND	6
10/12/2006	6J16007-03RE1	8260B	ND	ND	ND	ND	ND	ND	ND	ND	2	ND	ND	2
01/05/2007	7A05012-01	8260B	ND	ND	ND	ND	ND	ND	ND	ND	2	ND	ND	2
04/11/2007	7D12002-01	8260B	ND	ND	ND	ND	ND	ND	ND	ND	3	ND	ND	3
07/12/2007	7G13019-06	8260B	ND	ND	ND	ND	ND	ND	ND	ND	2	ND	ND	2
10/11/2007	7J12012-07	8260B	ND	ND	ND	ND	ND	ND	ND	ND	1	ND	ND	1
01/08/2008	8A09005-02	8260B	ND	ND	ND	ND	ND	ND	ND	ND	1	ND	ND	1
04/10/2008	8D11008-04	8260B	ND	ND	ND	ND	ND	ND	ND	ND	3	ND	ND	3
07/24/2008	5424628	8260B	ND	ND	ND	ND	ND	ND	0.95 J	ND	2.9 J	ND	ND	3.85
10/15/2008	5499971	8260B	ND	ND	ND	ND	ND	ND	1.4 J	ND	2.9 J	ND	ND	4.3
01/14/2009	5577591	8260B	ND	ND	ND	ND	ND	ND	1.3 J	ND	2.7 J	ND	ND	4

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1) Nondetected concentrations have been represented as ND for reporting purposes.
2) Total VOCs have been recalculated and represented as the sum of the detected parameters shown on this table.
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FORMER CARBORUNDUM FACILITY

WHEATFIELD, NEW YORK

Well Id: B-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-ethene (ug/L)	1,1,1-Trichloro-ethane (ug/L)	Trichloro-ethene (ug/L)	Tetrachloro-ethene (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	8260B	ND	ND	ND	ND	2	ND	ND	ND	ND	ND	ND	2
07/21/2006	6G21018-02	8260B	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
10/12/2006	6J16007-04	8260B	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
01/05/2007	7A05012-02	8260B	ND	ND	ND	ND	5 B	ND	ND	ND	ND	ND	ND	5
04/11/2007	7D12002-02	8260B	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
07/12/2007	7G13019-09	8260B	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
10/11/2007	7J12012-08	8260B	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
01/08/2008	8A09005-03	8260B	ND	ND	ND	ND	ND	ND	ND	ND	1	ND	ND	1
04/10/2008	8D11008-05	8260B	ND	ND	ND	ND	2	ND	ND	ND	ND	ND	ND	2
07/16/2008	5417445	8260B	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
10/15/2008	5499972	8260B	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
01/14/2009	5577588	8260B	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND

ND - Not detected, indicates parameter was analyzed for, but not detected at or above the reporting limit.
To address the NYSDEC concerns regarding the presentation and plotting of nondetected values, the data for 2001 to 2004 has been reevaluated and interpreted as follows:

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

FORMER CARBORUNDUM FACILITY

WHEATFIELD, NEW YORK

Well Id: **B-50M**

Date	Lab Sample Id	Method	Carbon tetrachloride (ug/L)	Chloroform (ug/L)	1,1-Dichloro-ethane (ug/L)	1,1-Dichloro ethene (ug/L)	Methylene chloride (ug/L)	Trans-1,2-dichloro-ethene (ug/L)	Cis-1,2-dichloro-ethene (ug/L)	1,1,1-Trichloro-ethane (ug/L)	Trichloro-ethene (ug/L)	Tetrachloro-ethene (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	8260B	ND	ND	ND	ND	ND	ND	14	ND	44	ND	ND	58
07/12/2007	7G13019-01	8260B	ND	ND	ND	ND	ND	ND	19	ND	69	ND	ND	88
07/22/2008	5422168	8260B	ND	ND	ND	ND	ND	1.6 J	25	ND	91	ND	ND	117.6

ND - Not detected, indicates parameter was analyzed for, but not detected at or above the reporting limit.
To address the NYSDEC concerns regarding the presentation and plotting of nondetected values, the data for 2001 to 2004 has been reevaluated and interpreted as follows:

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

FORMER CARBORUNDUM FACILITY

WHEATFIELD, NEW YORK

Well Id: **B-51M**

Date	Lab Sample Id	Method	Carbon tetrachloride (ug/L)	Chloroform (ug/L)	1,1-Dichloro-ethane (ug/L)	1,1-Dichloro ethene (ug/L)	Methylene chloride (ug/L)	Trans-1,2-dichloro-ethene (ug/L)	Cis-1,2-dichloro-ethene (ug/L)	1,1,1-Trichloro-ethane (ug/L)	Trichloro-ethene (ug/L)	Tetrachloro-ethene (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	8260B	ND	ND	ND	ND	4 B	ND	ND	ND	ND	ND	ND	4
07/11/2007	7G12003-08	8260B	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
07/22/2008	5422169	8260B	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-ethene (ug/L)	1,1,1-Trichloro-ethane (ug/L)	Trichloro-ethene (ug/L)	Tetrachloro-ethene (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	8260B	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
07/12/2007	7G13019-02	8260B	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
07/22/2008	5422160	8260B	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-ethene (ug/L)	1,1,1-Trichloro-ethane (ug/L)	Trichloro-ethene (ug/L)	Tetrachloro-ethene (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	8260B	ND	ND	ND	ND	ND	ND	2	ND	2	ND	ND	4
07/12/2007	7G13019-03	8260B	ND	ND	ND	ND	ND	ND	2	ND	2	ND	ND	4
07/22/2008	5422161	8260B	ND	ND	ND	ND	ND	ND	6.9	ND	26	ND	ND	32.9

ND - Not detected, indicates parameter was analyzed for, but not detected at or above the reporting limit.
To address the NYSDEC concerns regarding the presentation and plotting of nondetected values, the data for 2001 to 2004 has been reevaluated and interpreted as follows:

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

FORMER CARBORUNDUM FACILITY

WHEATFIELD, NEW YORK

Well Id: B-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-ethene (ug/L)	1,1,1-Trichloro-ethane (ug/L)	Trichloro-ethene (ug/L)	Tetrachloro-ethene (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	8260B	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
07/12/2007	7G13019-04	8260B	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
07/22/2008	5422162	8260B	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-ethene (ug/L)	1,1,1-Trichloro-ethane (ug/L)	Trichloro-ethene (ug/L)	Tetrachloro-ethene (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	8260B	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
07/12/2007	7G13019-05	8260B	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
07/22/2008	5422163	8260B	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-ethene (ug/L)	1,1,1-Trichloro-ethane (ug/L)	Trichloro-ethene (ug/L)	Tetrachloro-ethene (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	8260B	ND	ND	ND	ND	ND	ND	7	ND	40	ND	ND	47
07/19/2006	6G20004-05	8260B	ND	ND	ND	ND	ND	ND	13	ND	74	ND	ND	87
10/10/2006	6J11002-04	8260B	ND	ND	ND	ND	ND	ND	9	ND	35	ND	ND	44
01/08/2007	7A09003-03	8260B	ND	ND	ND	ND	ND	ND	3	ND	13	ND	ND	16
04/04/2007	7D05011-03	8260B	ND	ND	ND	ND	ND	ND	1	ND	8	ND	ND	9
07/11/2007	7G12003-04	8260B	ND	ND	ND	ND	ND	ND	3	ND	16	ND	ND	19
10/10/2007	7J11002-06	8260B	ND	ND	ND	ND	2 B	ND	6	ND	27	ND	ND	35
01/08/2008	8A09005-07	8260B	ND	ND	1	ND	4	ND	23	2	60	ND	ND	90
04/07/2008	8D08002-04	8260B	ND	ND	ND	ND	ND	ND	6	ND	20	ND	ND	26
07/28/2008	5426818	8260B	ND	ND	ND	ND	ND	ND	6.9	ND	19	ND	ND	25.9
10/17/2008	5502675	8260B	ND	ND	2 J	ND	ND	1.4 J	41	2 J	110	ND	1.2 J	157.6
01/13/2009	5576512	8260B	ND	ND	1 J	ND	ND	ND	23	1.3 J	73	ND	ND	98.3

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-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-ethene (ug/L)	1,1,1-Trichloro-ethane (ug/L)	Trichloro-ethene (ug/L)	Tetrachloro-ethene (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	8260B	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
07/19/2006	6G20004-01	8260B	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
10/10/2006	6J11002-05	8260B	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
01/08/2007	7A09003-04	8260B	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
04/04/2007	7D05011-04	8260B	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
07/11/2007	7G12003-05	8260B	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
10/10/2007	7J11002-04	8260B	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
01/08/2008	8A09005-08	8260B	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
04/07/2008	8D08002-03	8260B	ND	ND	ND	ND	3 B	ND	ND	ND	ND	ND	ND	3
07/28/2008	5426820	8260B	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
10/17/2008	5502678	8260B	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
01/13/2009	5576515	8260B	ND	ND	ND	ND	ND	ND	ND	ND	1.6 J	ND	ND	1.6

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-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-ethene (ug/L)	1,1,1-Trichloro-ethane (ug/L)	Trichloro-ethene (ug/L)	Tetrachloro-ethene (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	8260B	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
07/11/2007	7G12003-06	8260B	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
07/28/2008	5426822	8260B	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-ethene (ug/L)	1,1,1-Trichloro-ethane (ug/L)	Trichloro-ethene (ug/L)	Tetrachloro-ethene (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	8260B	ND	ND	ND	ND	4	ND	3	ND	3	ND	ND	10
07/17/2007	7G18027-09	8260B	ND	ND	ND	ND	ND	1	4	ND	3	ND	ND	8
07/21/2008	5420892	8260B	ND	ND	ND	ND	ND	0.8 J	1.1 J	ND	ND	ND	ND	1.9

ND - Not detected, indicates parameter was analyzed for, but not detected at or above the reporting limit.
To address the NYSDEC concerns regarding the presentation and plotting of nondetected values, the data for 2001 to 2004 has been reevaluated and interpreted as follows:

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

FORMER CARBORUNDUM FACILITY

WHEATFIELD, NEW YORK

Well Id: **B-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-ethene (ug/L)	1,1,1-Trichloro-ethane (ug/L)	Trichloro-ethene (ug/L)	Tetrachloro-ethene (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	8260B	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
07/17/2007	7G18027-06	8260B	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
07/21/2008	5420895	8260B	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-ethene (ug/L)	1,1,1-Trichloro-ethane (ug/L)	Trichloro-ethene (ug/L)	Tetrachloro-ethene (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	8260B	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
07/17/2007	7G18027-07	8260B	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
07/21/2008	5420896	8260B	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-ethene (ug/L)	1,1,1-Trichloro-ethane (ug/L)	Trichloro-ethene (ug/L)	Tetrachloro-ethene (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	8260B	ND	ND	ND	ND	4	ND	ND	ND	ND	ND	ND	4
07/17/2007	7G18027-03	8260B	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
07/17/2008	5418423	8260B	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-ethene (ug/L)	1,1,1-Trichloro-ethane (ug/L)	Trichloro-ethene (ug/L)	Tetrachloro-ethene (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	8260B	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
07/18/2007	7G19011-08	8260B	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
07/17/2008	5418424	8260B	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-ethene (ug/L)	1,1,1-Trichloro-ethane (ug/L)	Trichloro-ethene (ug/L)	Tetrachloro-ethene (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	8260B	ND	ND	ND	ND	5 B	ND	ND	ND	ND	ND	ND	5
07/17/2007	7G18027-01	8260B	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
07/17/2008	5418425	8260B	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND

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To address the NYSDEC concerns regarding the presentation and plotting of nondetected values, the data for 2001 to 2004 has been reevaluated and interpreted as follows:

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

FORMER CARBORUNDUM FACILITY

WHEATFIELD, NEW YORK

Well Id: **B-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-ethene (ug/L)	1,1,1-Trichloro-ethane (ug/L)	Trichloro-ethene (ug/L)	Tetrachloro-ethene (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	8260B	ND	ND	ND	ND	3 B	ND	ND	ND	ND	ND	ND	3
07/17/2007	7G18027-02	8260B	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
07/17/2008	5418426	8260B	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND

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To address the NYSDEC concerns regarding the presentation and plotting of nondetected values, the data for 2001 to 2004 has been reevaluated and interpreted as follows:

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

FORMER CARBORUNDUM FACILITY

WHEATFIELD, NEW YORK

Well Id: **B-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-ethene (ug/L)	1,1,1-Trichloro-ethane (ug/L)	Trichloro-ethene (ug/L)	Tetrachloro-ethene (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	8260B	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
07/17/2007	7G18027-05	8260B	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
07/17/2008	5418427	8260B	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND

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To address the NYSDEC concerns regarding the presentation and plotting of nondetected values, the data for 2001 to 2004 has been reevaluated and interpreted as follows:

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

FORMER CARBORUNDUM FACILITY

WHEATFIELD, NEW YORK

Well Id: **B-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-ethene (ug/L)	1,1,1-Trichloro-ethane (ug/L)	Trichloro-ethene (ug/L)	Tetrachloro-ethene (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	8260B	ND	ND	ND	ND	3	ND	ND	ND	ND	ND	ND	3
07/17/2007	7G18027-04	8260B	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
07/17/2008	5418428	8260B	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND

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To address the NYSDEC concerns regarding the presentation and plotting of nondetected values, the data for 2001 to 2004 has been reevaluated and interpreted as follows:

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

FORMER CARBORUNDUM FACILITY

WHEATFIELD, NEW YORK

Well Id: **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-ethene (ug/L)	1,1,1-Trichloro-ethane (ug/L)	Trichloro-ethene (ug/L)	Tetrachloro-ethene (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.
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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-ethene (ug/L)	1,1,1-Trichloro-ethane (ug/L)	Trichloro-ethene (ug/L)	Tetrachloro-ethene (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	8260B	ND	ND	124	24	11	7	638	1020	7800 D	ND	18	9642
07/11/2006	6G12005-03	8260B	ND	ND	102	14	22	ND	621	411	6850 D	ND	13	8033
10/09/2006	6J10002-03	8260B	ND	ND	146	23	ND	6	322	1130 D	2770 D	ND	12	4409
01/10/2007	7A11003-04	8260B	ND	ND	135	17	12	ND	368	919	4950 D	ND	10	6411
04/03/2007	7D04039-01	8260B	ND	ND	110	23	164	9	792	897	9730 D	ND	24	11749
07/05/2007	7G06018-04	8260B	ND	ND	148	ND	ND	ND	10400	936	372	ND	ND	11856
10/10/2007	7J11002-01RE1	8260B	ND	ND	36	ND	ND	ND	2190	50	3380	ND	80	5736
01/07/2008	8A08003-09	8260B	ND	ND	86	ND	86	ND	629	722	524	ND	ND	2047
04/08/2008	8D09003-04	8260B	ND	ND	102	15	ND	ND	1290	382	366	ND	90	2245
07/16/2008	5417447	8260B	ND	ND	120	11 J	ND	6 J	2000	210	95	ND	390	2832
10/14/2008	5498678	8260B	ND	ND	190	3.1 J	ND	5 J	1200	120	97	ND	21	1636.1
01/21/2009	5582428	8260B	ND	ND	86	7.6	ND	5	920	100	280	ND	70	1468.6

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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: **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-ethene (ug/L)	1,1,1-Trichloro-ethane (ug/L)	Trichloro-ethene (ug/L)	Tetrachloro-ethene (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	8260B	ND	ND	ND	ND	ND	2	63	ND	ND	ND	ND	65
07/11/2006	6G12005-04	8260B	ND	ND	ND	ND	ND	5	123	ND	1	ND	ND	129
10/09/2006	6J10002-04	8260B	ND	ND	ND	ND	ND	4	88	ND	1	ND	ND	93
01/09/2007	7A10006-01	8260B	ND	ND	ND	ND	ND	1	49	ND	1	ND	ND	51
04/03/2007	7D04039-02	8260B	ND	ND	ND	ND	25 B	1	42	ND	ND	ND	ND	68
07/05/2007	7G06018-06	8260B	ND	ND	ND	ND	ND	3	85	ND	ND	ND	ND	88
10/10/2007	7J11002-09	8260B	ND	ND	ND	ND	ND	3	61	ND	ND	ND	ND	64
01/07/2008	8A08003-07	8260B	ND	ND	ND	ND	ND	1	25	ND	ND	ND	ND	26
04/08/2008	8D09003-02	8260B	ND	ND	ND	ND	3 B	2	67	ND	ND	ND	ND	72
07/16/2008	5417454	8260B	ND	ND	ND	ND	ND	3.6 J	92	ND	ND	ND	ND	95.6
10/14/2008	5498679	8260B	ND	ND	ND	ND	ND	1.5 J	55	ND	ND	ND	ND	56.5
01/21/2009	5582429	8260B	ND	ND	ND	ND	ND	1.3 J	33	ND	ND	ND	1.2 J	35.5

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2) Total VOCs have been recalculated and represented as the sum of the detected parameters shown on this table.
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FORMER CARBORUNDUM FACILITY

WHEATFIELD, NEW YORK

Well Id: **P-4**

Date	Lab Sample Id	Method	Carbon tetrachloride (ug/L)	Chloroform (ug/L)	1,1-Dichloro-ethane (ug/L)	1,1-Dichloro ethene (ug/L)	Methylene chloride (ug/L)	Trans-1,2-dichloro-ethene (ug/L)	Cis-1,2-dichloro-ethene (ug/L)	1,1,1-Trichloro-ethane (ug/L)	Trichloro-ethene (ug/L)	Tetrachloro-ethene (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	8260B	ND	ND	15	ND	ND	8	583 D	10	998	ND	11	1625
07/11/2006	6G12005-05	8260B	ND	ND	20	6	4	12	700 D	9	869 D	ND	ND	1620
10/09/2006	6J10002-05	8260B	ND	ND	30	8	ND	16	1180 D	27	1100 D	ND	ND	2361
01/05/2007	7A05012-05	8260B	ND	ND	23	6	2 B	11	734 D	20	2080 D	ND	26	2902
04/03/2007	7D04039-03	8260B	ND	ND	7	3	ND	7	394 D	7	1190 D	ND	6	1614
07/05/2007	7G06018-07	8260B	ND	ND	ND	ND	ND	ND	499	ND	579	ND	ND	1078
10/09/2007	7J10006-04	8260B	ND	ND	9	ND	ND	8	570	ND	636	ND	ND	1223
01/07/2008	8A08003-06	8260B	ND	ND	15	ND	22	10	689	8	601	ND	ND	1345
04/08/2008	8D09003-06	8260B	ND	ND	12	ND	ND	7	431	13	1680 D	ND	ND	2143
07/16/2008	5417453	8260B	ND	ND	9.6	3 J	ND	7	470	6.3	610	ND	ND	1105.9
10/14/2008	5498682	8260B	ND	ND	8	1.7 J	ND	8	460	5.1	530	ND	ND	1012.8
01/14/2009	5577587	8260B	ND	ND	24	7.9	ND	11	720	38	1200	ND	2 J	2002.9

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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: 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-ethene (ug/L)	1,1,1-Trichloro-ethane (ug/L)	Trichloro-ethene (ug/L)	Tetrachloro-ethene (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	8260B	ND	ND	2	ND	ND	2	146	ND	636 D	ND	6	792
07/11/2006	6G12005-01	8260B	ND	ND	2	ND	4	2	143	2	449 D	ND	ND	602
10/09/2006	6J10002-02	8260B	ND	ND	ND	ND	ND	2	114	ND	871 D	ND	3	990
01/09/2007	7A10006-02	8260B	ND	ND	3	ND	ND	2	185	3	638 D	ND	7	838
04/03/2007	7D04039-04	8260B	ND	ND	6	2	ND	3	302 D	6	1040 D	ND	20	1379
07/05/2007	7G06018-05RE1	8260B	ND	ND	ND	ND	ND	ND	68	ND	235	ND	6	309
10/09/2007	7J10006-07	8260B	ND	ND	4	ND	ND	3	304	ND	1090 D	ND	13	1414
01/07/2008	8A08003-08	8260B	ND	ND	ND	ND	31	ND	84	ND	463	ND	ND	578
04/08/2008	8D09003-03	8260B	ND	ND	12	ND	16 B	ND	455	7	1690 D	ND	31	2211
07/21/2008	5420903	8260B	ND	ND	1.3 J	ND	ND	1.6 J	120	ND	1500	ND	7.5	1630.4
10/14/2008	5498687	8260B	ND	ND	110 J	54 J	ND	60 J	10000	ND	41000	ND	180 J	51404

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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: **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-ethene (ug/L)	1,1,1-Trichloro-ethane (ug/L)	Trichloro-ethene (ug/L)	Tetrachloro-ethene (ug/L)	Vinyl chloride (ug/L)	Total (ug/L)
01/13/2009	5576508	8260B	ND	ND	18	5	ND	5.6	570	17	2100	ND	30	2745.6

ND - Not detected, indicates parameter was analyzed for, but not detected at or above the reporting limit.
To address the NYSDEC concerns regarding the presentation and plotting of nondetected values, the data for 2001 to 2004 has been reevaluated and interpreted as follows:

1) Nondetected concentrations have been represented as ND for reporting purposes.
2) Total VOCs have been recalculated and represented as the sum of the detected parameters shown on this table.
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FORMER CARBORUNDUM FACILITY

WHEATFIELD, NEW YORK

Well Id: **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-ethene (ug/L)	1,1,1-Trichloro-ethane (ug/L)	Trichloro-ethene (ug/L)	Tetrachloro-ethene (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.
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FORMER CARBORUNDUM FACILITY

WHEATFIELD, NEW YORK

Well Id: PW-3

Date	Lab Sample Id	Method	Carbon tetrachloride (ug/L)	Chloroform (ug/L)	1,1-Dichloro-ethane (ug/L)	1,1-Dichloro ethene (ug/L)	Methylene chloride (ug/L)	Trans-1,2-dichloro-ethene (ug/L)	Cis-1,2-dichloro-ethene (ug/L)	1,1,1-Trichloro-ethane (ug/L)	Trichloro-ethene (ug/L)	Tetrachloro-ethene (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	8260B	ND	ND	ND	ND	ND	1	298 D	ND	946 D	10	4	1259
07/11/2006	6G12005-02	8260B	ND	ND	ND	5	3	5	1150 D	ND	3150 D	8	5	4326
10/09/2006	6J10002-06	8260B	ND	ND	ND	4	ND	6	1550 D	ND	4620 D	3	4	6187
01/09/2007	7A10006-05	8260B	ND	ND	ND	ND	39	ND	437	ND	1940 D	21	ND	2437
04/03/2007	7D04039-05	8260B	ND	ND	ND	2	ND	3	540 D	ND	2250 D	18	9	2822
07/05/2007	7G06018-02	8260B	ND	ND	ND	ND	ND	ND	1320	ND	3120	ND	61	4501
10/09/2007	7J10006-06	8260B	ND	ND	ND	ND	ND	ND	1400	ND	4220 D	ND	ND	5620
01/07/2008	8A08003-04RE1	8260B	ND	ND	ND	ND	ND	ND	849	ND	362	ND	24	1235
04/08/2008	8D09003-05	8260B	ND	ND	ND	ND	35 B	12	2910 D	ND	2120 D	ND	154	5231
07/16/2008	5417446	8260B	ND	ND	ND	8	ND	5.2	770	ND	630	ND	130	1543.2
10/14/2008	5498677	8260B	ND	ND	ND	10 J	ND	6.4 J	1000	ND	1400	ND	31	2447.4
01/15/2009	5578620	8260B	ND	ND	ND	3.2 J	ND	2.7 J	630	ND	2000	ND	48	2683.9

ND - Not detected, indicates parameter was analyzed for, but not detected at or above the reporting limit.
To address the NYSDEC concerns regarding the presentation and plotting of nondetected values, the data for 2001 to 2004 has been reevaluated and interpreted as follows:

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

FORMER CARBORUNDUM FACILITY

WHEATFIELD, NEW YORK

Well Id: **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-ethene (ug/L)	1,1,1-Trichloro-ethane (ug/L)	Trichloro-ethene (ug/L)	Tetrachloro-ethene (ug/L)	Vinyl chloride (ug/L)	Total (ug/L)
01/21/2009	5582430	8260B	ND	ND	ND	ND	ND	ND	8.4	ND	55	ND	ND	63.4

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: **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-ethene (ug/L)	1,1,1-Trichloro-ethane (ug/L)	Trichloro-ethene (ug/L)	Tetrachloro-ethene (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	8260B	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
10/10/2006	6J11002-10	8260B	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
10/11/2007	7J12012-06	8260B	ND	ND	ND	ND	2	ND	ND	ND	ND	ND	ND	2
04/16/2008	8D16026-02	8260B	ND	ND	ND	ND	3 B	ND	ND	ND	ND	ND	ND	3
10/14/2008	5498681	8260B	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.