THIRD 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

November 2009

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GROUNDWATER REMEDIATION PROGRAM AT THE FORMER CARBORUNDUM FACILITY

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November 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

On behalf of the Atlantic Richfield Company (ARC), Parsons conducts ongoing Operations, Monitoring, and Maintenance (OM&M) activities for the groundwater remediation system at the former Carborundum Facility located at 2040 Cory Drive in the Village of Sanborn, Town of Wheatfield, New York (Site). Figure 1 shows the location of the Site. As part of the OM&M activities, quarterly groundwater sampling is scheduled for January, April, July, and October. This report presents the results of the July 2009 groundwater sampling event and provides a summary of the operations, maintenance, and monitoring activities completed between July 1 and September 30, 2009.

The July 2009 groundwater sampling event included static water level measurements prior to purging and the collection of groundwater samples from 57 monitoring wells and six recovery wells in accordance with the NYSDEC-approved (October 2005) sampling program. The program was amended in 2009 to include PW-4 in the sampling program. 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 July 6, 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 July 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 July 7 and July 15, 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 practical, the wells in the low group were sampled first, followed by wells in the medium group, and lastly, wells in the high group.

Quality assurance/quality control (QA/QC) samples included trip blanks, field duplicates and matrix spike/matrix spike duplicates (MS/MSD). QA/QC sample sets were collected at a rate of one per sample designation group. 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. 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 July 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 were 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 project water quality database. A historical summary (January 2001 through September 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, 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:

- replaced check valves on pumps P805A and P805C;
- changed out pump motors on P805A;

- repaired leaky pipe near check valve for P805C; and
- replaced pump motor in PW-1.

EFFLUENT AND PERMIT COMPLIANCE ISSUES

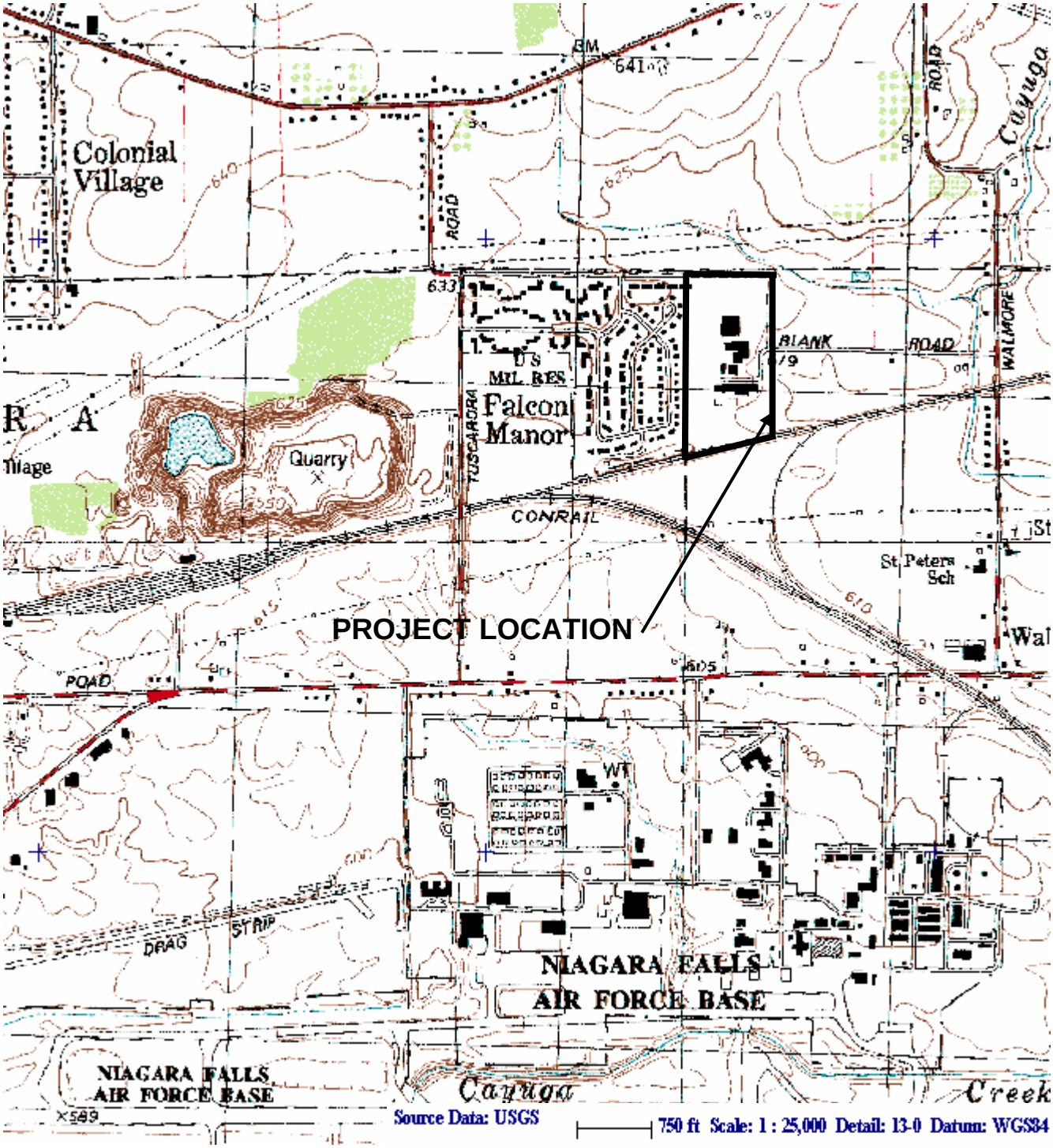
During the reporting period, approximately 12.3 million gallons of groundwater were recovered and treated. Treated groundwater was discharged to Cayuga Creek under SPDES permit NY0001988. The SPDES permit authorizes discharge through March 31, 2012. The average pumping rate from the system was approximately 93.1 gallons per minute during the reporting period.

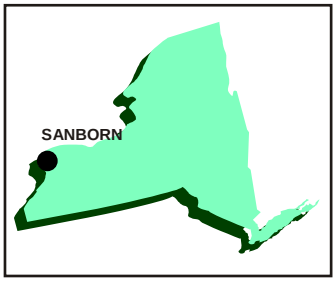
Effluent samples were collected at the outfall (OU1) inside the treatment building. Monthly discharge monitoring reports (DMRs) were provided to NYSDEC, in compliance with the SPDES permit (NY0001988). The DMRs documented the analytical results from the effluent samples. All analytical results were compliant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

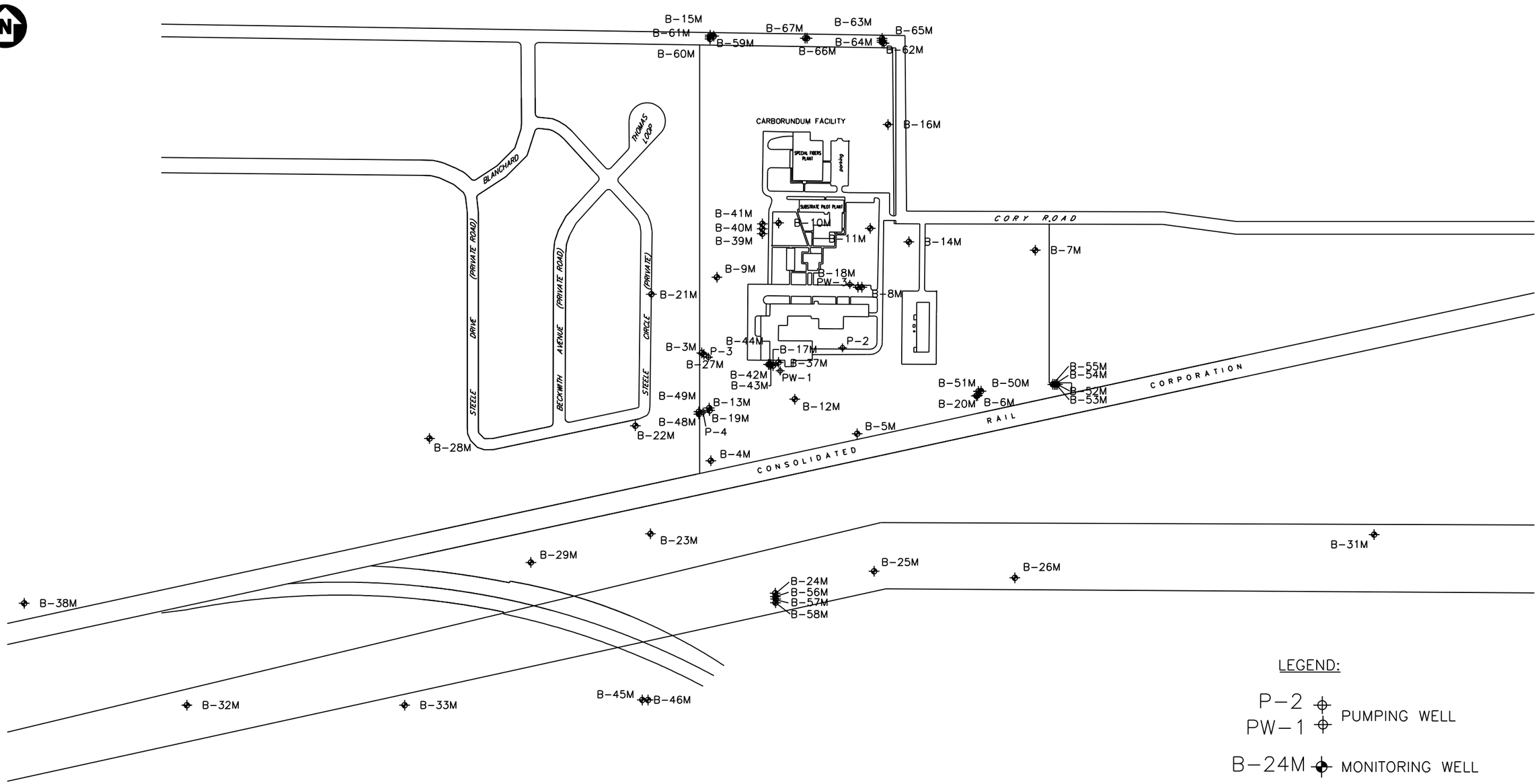
SOURCE: DeLORME 3-D
TOPOQUAD PROGRAM

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



LEGEND:

P-2 PUMPING WELL

PW-1 PUMPING WELL

B-24M MONITORING WELL

400 200 0 400 800

SCALE: 1"=400'

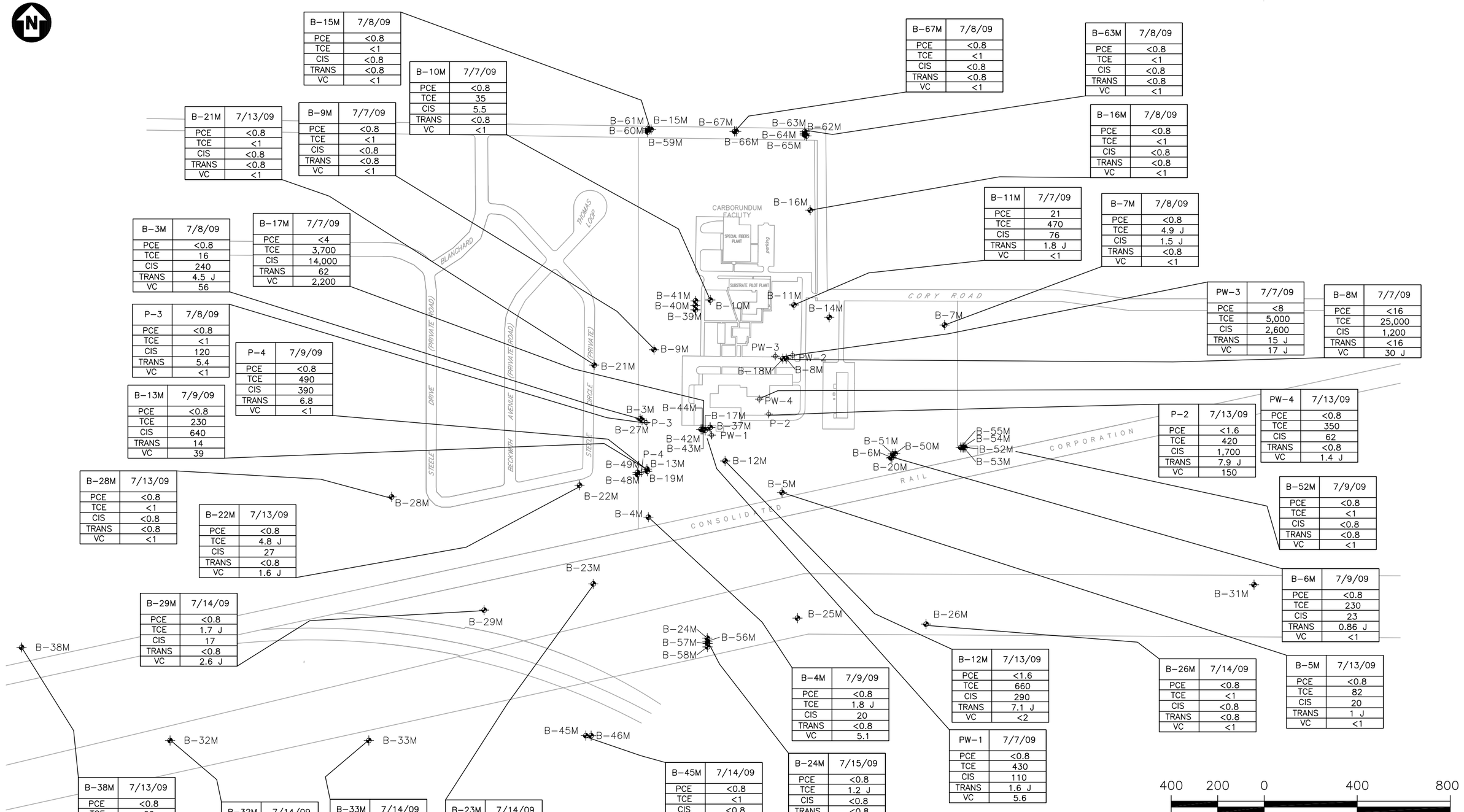
FIGURE 2

ATLANTIC RICHFIELD COMPANY
FORMER CARBORUNDUM FACILITY

SITE PLAN

PARSONS
40 LA RIVIERE DRIVE, SUITE 350, BUFFALO, N.Y. 14202, PHONE: 716-541-0730

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



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

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

FIGURE 3

ATLANTIC RICHFIELD COMPANY
FORMER CARBORUNDUM FACILITY
SUMMARY OF VOC ANALYTICAL RESULTS IN TOP OF ROCK AND ZONE 1
JULY 2009 QUARTERLY SAMPLING EVENT

FILE NAME: P:\BP PROGRAM\445032-BP SANBORN\ENGR\CAD\2009\SK-445032-C003(JULY 2009).DWG
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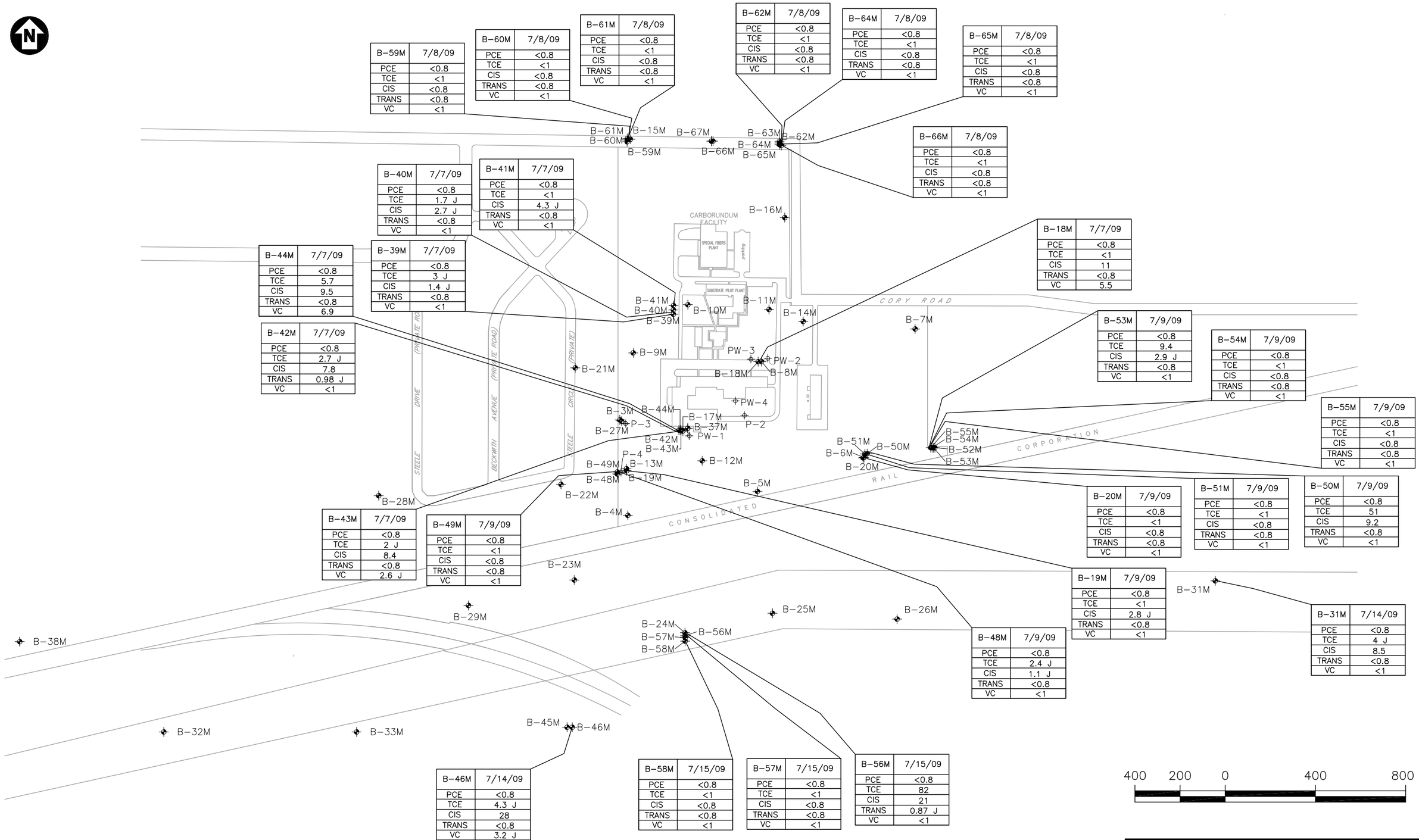

WELL	DATE
COMPOUND	CONCENTRATION (ug/L)
PCE = TETRACHLOROETHENE	
TCE = TRICHLOROETHENE	
CIS = CIS-1,2-DICHLOROETHENE	
TRANS = TRANS-1,2-DICHLOROETHENE	
VC = VINYL CHLORIDE	

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FIGURE 4

ATLANTIC RICHFIELD COMPANY
FORMER CARBORUNDUM FACILITY
SUMMARY OF VOC ANALYTICAL RESULTS IN ZONES 2, 3, 4 & 5
JULY 2009 QUARTERLY SAMPLING EVENT

FILE NAME: P:\BP PROGRAM\445032-BP SANBORN\ENGR\CAD\2009\SK-445032-C004(JULY 2009).DWG
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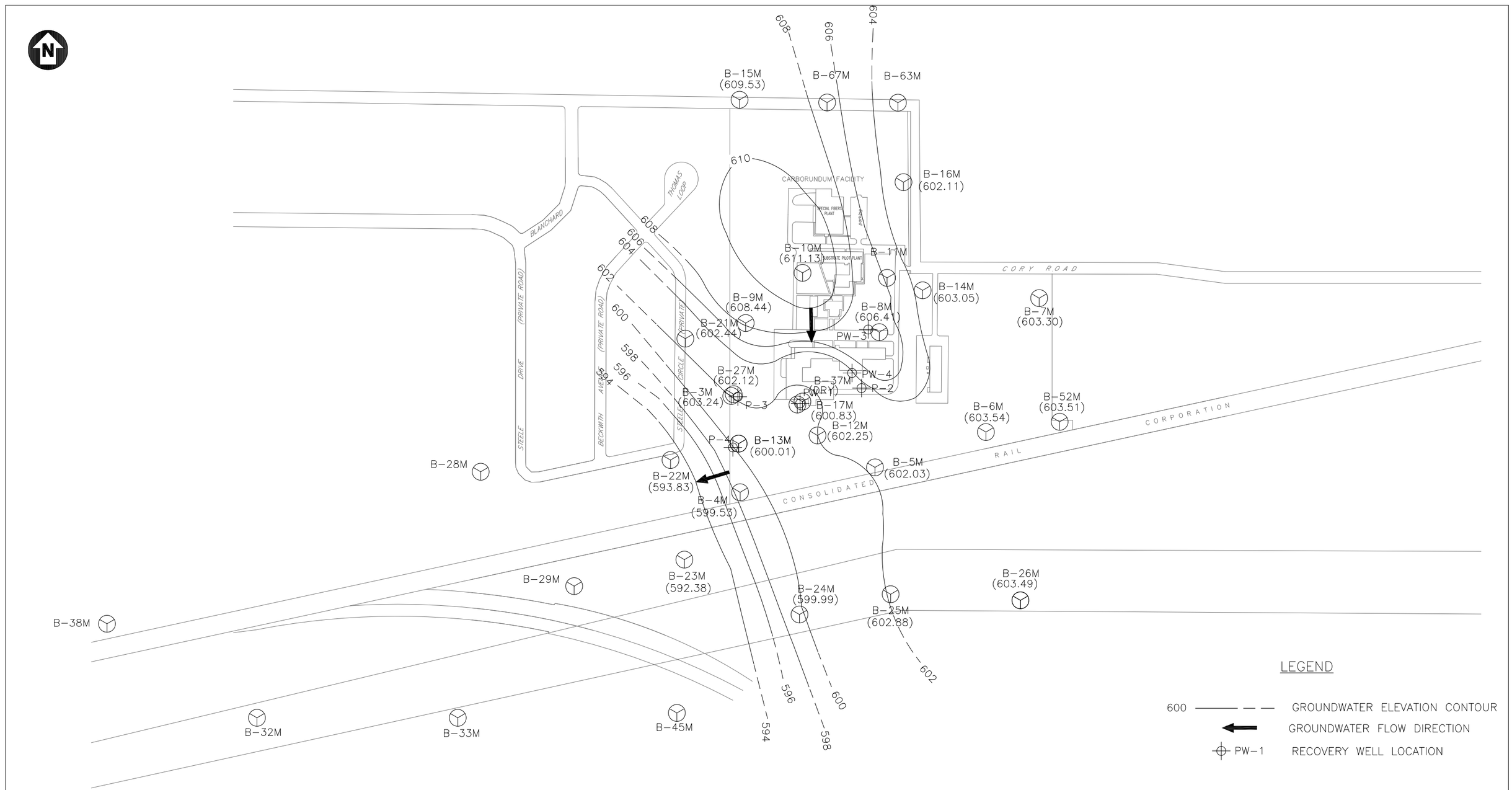

NOTE:

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

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PLOT DATE: 10/30/2009 8:12 AM PLOTTED BY: RUSSO, JILL

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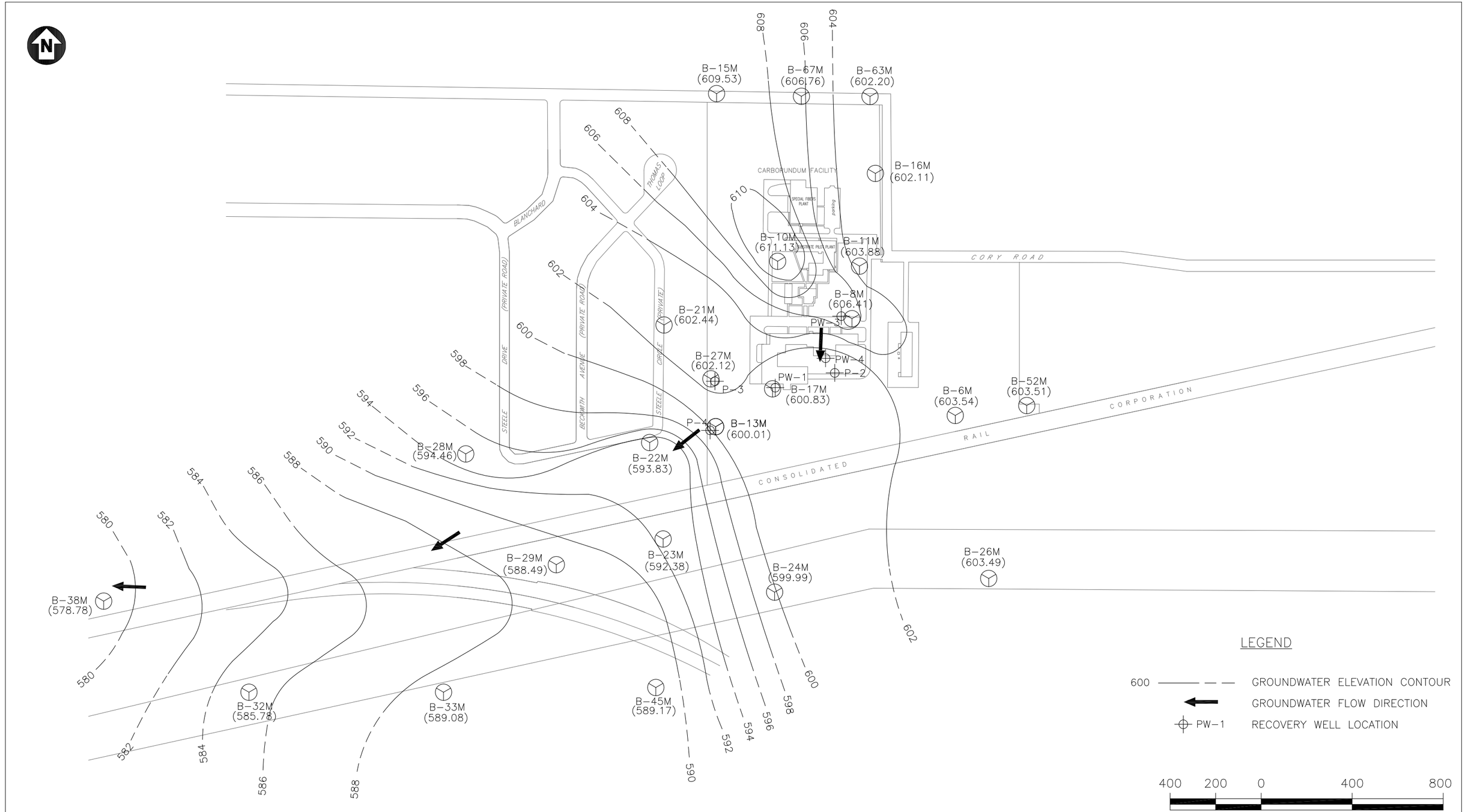
40 LA RIVIERE DRIVE, SUITE 350
BUFFALO, NEW YORK 14202
716-541-0730

FIGURE 5

ATLANTIC RICHFIELD COMPANY
FORMER CARBORUNDUM FACILITY
GROUNDWATER ELEVATION
TOP OF ROCK – JULY 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.

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

FIGURE 6

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

TABLES

TABLE 1
MONTHLY GROUNDWATER ELEVATION DATA
JULY 2009
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	07/06/09	619.67	20.73	598.94	
P-3	07/06/09	627.35	25.41	601.94	
P-4	07/06/09	624.45	25.88	598.57	
PW-1	07/06/09	619.78	28.20	591.58	
PW-3	07/06/09	618.28	10.58	607.70	
B-3M	07/06/09	625.59	22.35	603.24	
B-4M	07/06/09	622.24	22.71	599.53	
B-5M	07/06/09	620.83	18.80	602.03	
B-6M	07/06/09	615.69	12.15	603.54	
B-7M	07/06/09	616.22	12.92	603.30	
B-8M	07/06/09	618.57	12.16	606.41	
B-9M	07/06/09	623.03	14.59	608.44	
B-10M	07/06/09	626.05	14.92	611.13	
B-11M	07/06/09	622.81	18.93	603.88	
B-12M	07/06/09	622.17	19.92	602.25	
B-13M	07/06/09	626.70	26.69	600.01	
B-14M	07/06/09	618.25	15.20	603.05	
B-15M	07/06/09	623.98	14.45	609.53	
B-16M	07/06/09	626.08	23.97	602.11	
B-17M	07/06/09	622.07	21.24	600.83	
B-18M	07/06/09	618.69	16.53	602.16	
B-19M	07/06/09	626.01	25.25	600.76	
B-20M	07/06/09	615.32	12.00	603.32	
B-21M	07/06/09	622.56	20.12	602.44	
B-22M	07/06/09	622.29	28.46	593.83	
B-23M	07/06/09	617.71	25.33	592.38	
B-24M	07/06/09	617.24	17.25	599.99	
B-25M	07/06/09	619.31	16.43	602.88	
B-26M	07/06/09	618.06	14.57	603.49	
B-27M	07/06/09	626.04	23.92	602.12	
B-28M	07/06/09	622.62	28.16	594.46	
B-29M	07/06/09	618.31	29.82	588.49	
B-31M	07/06/09	613.78	10.75	603.03	
B-32M	07/06/09	619.35	33.57	585.78	
B-33M	07/06/09	612.43	23.35	589.08	
B-37M	07/06/09	616.90	dry	NA	
B-38M	07/06/09	609.81	31.03	578.78	
B-39M	07/06/09	626.12	23.96	602.16	
B-40M	07/06/09	626.23	24.11	602.12	
B-41M	07/06/09	626.31	24.43	601.88	
B-42M	07/06/09	623.76	21.85	601.91	
B-43M	07/06/09	623.64	22.23	601.41	
B-44M	07/06/09	623.29	23.60	599.69	
B-45M	07/06/09	612.12	22.95	589.17	
B-46M	07/06/09	613.46	24.66	588.80	
B-48M	07/06/09	625.40	23.55	601.85	
B-49M	07/06/09	625.56	30.02	595.54	
B-50M	07/06/09	616.47	13.08	603.39	
B-51M	07/06/09	616.48	7.46	609.02	
B-52M	07/06/09	616.26	12.75	603.51	
B-53M	07/06/09	616.14	12.75	603.39	
B-54M	07/06/09	616.00	12.14	603.86	
B-55M	07/06/09	615.59	27.26	588.33	
B-56M	07/06/09	617.78	26.34	591.44	
B-57M	07/06/09	617.80	27.98	589.82	
B-58M	07/06/09	617.99	25.30	592.69	
B-59M	07/06/09	625.53	29.55	595.98	
B-60M	07/06/09	625.67	23.52	602.15	
B-61M	07/06/09	625.72	23.31	602.41	
B-62M	07/06/09	623.89	8.95	614.94	
B-63M	07/06/09	624.14	21.94	602.20	
B-64M	07/06/09	623.95	21.76	602.19	
B-65M	07/06/09	624.19	21.96	602.23	
B-66M	07/06/09	625.37	23.01	602.36	
B-67M	07/06/09	625.51	18.75	606.76	

TABLE 2
MONITORING WELL GROUNDWATER PURGING DATA
JULY 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)	Total Volume Purged (gal)	Purging Codes	Remarks
P-2	7/13/09	13:25	619.67							1	Pumping well
P-3	7/8/09	15:05	627.35							1	Pumping well
P-4	7/9/09	14:15	624.45							1	Pumping well
PW-1	7/7/09	10:25	619.78							1	Pumping well
PW-3	7/7/09	12:10	618.28							1	Pumping well
PW-4	7/13/09	14:00	618.28							1	Pumping well
B-3M	7/8/09	14:45	625.59	22.61	602.98	25.01	2.40	0.41	0.4	4	Well dry at 0.4 gallons purged
B-4M	7/9/09	7:55	622.24	23.70	598.54	27.46	3.76	0.63	2	4	Well dry at 2 gallons purged
B-5M	7/13/09	9:20	620.83	19.83	601.00	31.05	11.22	1.9	8	5	
B-6M	7/9/09	10:30	615.69	13.62	602.07	19.10	5.48	0.93	4.5	4	
B-7M	7/8/09	7:51	616.22	13.15	603.07	21.90	8.75	1.48	6	5	
B-8M	7/7/09	11:35	618.57	12.26	606.31	17.80	5.54	0.94	4	4	
B-9M	7/7/09	14:19	623.03	14.88	608.15	21.11	6.23	1.05	2	5	Well dry at 2 gallons purged
B-10M	7/7/09	13:29	622.56	14.95	607.61	27.91	12.96	2.20	8.8	4	
B-11M	7/7/09	14:53	622.81	21.56	601.25	23.78	2.22	0.38	1.0	4	Well dry at 1 gallons purged
B-12M	7/13/09	9:20	622.17	20.55	601.62	21.91	1.36	0.23	1.0	4	
B-13M	7/9/09	14:00	617.20	26.82	590.38	35.98	9.16	1.56	6	4	
B-14M	7/709		618.25		618.25		0.00				Well was dry - not sampled
B-15M	7/8/09	13:05	623.98	14.85	609.13	24.10	9.25	1.57	6	4	
B-16M	7/8/09	10:30	626.08	24.33	601.75	27.20	2.87	0.49	2	4	
B-17M	7/7/09	9:53	622.07	21.24	600.83	26.00	4.76	0.81	3.5	4	Well dry at 3.5 gallons purged
B-18M	7/7/09	11:35	618.69	17.21	601.48	50.36	33.15	5.60	22	4	
B-19M	7/9/09	14:30	626.01	25.91	600.10	66.16	40.25	6.84	26.8	5	
B-20M	7/9/09	11:25	615.40	12.40	603.00	49.92	37.52	6.38	24.5	5	
B-21M	7/13/09	11:30	622.56	21.43	601.13	26.55	5.12	0.87	4	4	
B-22M	7/13/09	10:50	617.71	27.80	589.91	35.91	8.11	1.38	5.6	4	
B-23M	4/13/09	8:30	617.71	21.88	595.83	31.67	9.79	1.66	NR	6	
B-24M	7/15/09	9:00	617.20	18.35	598.85	26.66	8.31	2.67	8.4	5	
B-26M	7/14/09	8:30	618.06	15.30	602.76	30.08	14.78	2.51	10	4	
B-27M	7/9/09	14:45	626.04	24.30	601.74	36.98	12.68	2.16	8.8	5	
B-28M	7/13/09	10:15	622.62	28.55	594.07	34.55	6.00	1.02	4	4	
B-29M	7/14/09	13:10	618.31	29.05	589.26	38.74	9.69	1.65	7.7	4	
B-31M	7/14/09	9:20	613.78	11.17	602.61	43.44	32.27	5.50	22	4	
B-32M	7/14/09	11:10	619.35	34.42	584.93	40.46	6.04	1.03	4	4	
B-33M	7/14/09	11:35	612.43	23.98	588.45	32.02	8.04	1.37	5	5	
B-38M	7/13/09	12:15	609.81	31.20	578.61	41.25	10.05	1.70	4.5	4	Well dry at 4.5 gallons purged
B-39M	7/7/09	12:40	626.12	24.10	602.02	44.91	20.81	3.53	14	4	
B-40M	7/7/09	12:42	626.23	24.29	601.94	57.90	33.61	5.70	18	5	
B-41M	7/7/09	13:30	626.31	24.91	601.40	72.59	47.68	8.10	33	5	
B-42M	7/7/09	8:45	623.76	21.85	601.91	45.40	23.55	4.00	16	5	
B-43M	7/7/09	9:30	623.64	22.23	601.41	58.85	36.62	6.23	12	5	Well dry at 12 gallons purged
B-44M	7/7/09	8:45	623.29	23.60	599.69	84.45	60.85	10.34	23	4	Well dry at 23 gallons purged
B-45M	7/14/09	12:10	612.12	22.95	589.17	24.81	1.86	0.30	0.3	4	Well dry at 0.3 gallons purged
B-46M	7/14/09	12:20	613.46	25.05	588.41	39.91	14.86	2.53	10	5	
B-48M	7/9/09	13:05	625.40	42.06	583.34	46.88	4.82	3.88	16	4	
B-49M	7/9/09	13:10	625.56	31.55	594.01	82.43	50.88	8.65	36	5	
B-50M	7/9/09	10:45	616.47	13.48	602.99	35.78	22.30	3.79	15.2	5	
B-51M	7/9/09	10:30	616.48	7.82	608.66	65.43	57.61	9.79	40	5	
B-52M	7/9/09	9:50	616.26	13.14	603.12	22.35	9.21	1.56	6.4	5	
B-53M	7/9/09	8:45	616.14	13.15	602.99	37.28	24.13	4.10	16	5	
B-54M	7/9/09	8:05	616.00	13.10	602.90	57.41	44.31	7.53	11	5	Well dry at 11 gallons purged
B-55M	7/9/09	8:40	615.59	27.90	587.69	82.99	55.09	9.36	17	5	Well dry at 17 gallons purged
B-56M	7/15/09	9:30	617.78	27.00	590.78	39.60	12.60	2.14	8.4	5	
B-57M	7/15/09	10:10	617.80	28.79	589.01	50.55	21.76	3.70	7	5	Well dry at 7 gallons purged
B-58M	7/15/09	10:35	617.99	25.95	592.04	63.62	37.67	6.4	26	5	
B-59M	7/8/09	13:00	625.53	30.81	594.72	69.5	38.69	6.58	26	5	
B-60M	7/8/09	13:54	625.67	24.13	601.54	55.02	30.89	5.25	20	5	
B-61M	7/8/09	13:39	625.72	23.68	602.04	41.5	17.82	3.02	12	5	
B-62M	7/8/09	8:50	623.89	9.2	614.69	91.46	82.26	13.98	56	5	
B-63M	7/8/09	8:55	624.14	21.9	602.24	27.29	5.39	0.92	4	4	
B-64M	7/8/09	9:20	623.95	22.06	601.89	42.4	20.34	3.45	12	5	
B-65M	7/8/09	9:45	624.19	22.33	601.86	57.55	35.22	5.98	24	5	
B-66M	7/8/09	11:10	625.37	23.45	601.92	32.36	8.91	1.51	4.5	4	
B-67M	7/8/09	11:10	625.51	18.85	606.66	25.15	6.30	1.07	4	4	

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
JULY 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	7/13/09	13:25	619.67	7.19	1.34	65.1	54.7	Pumping well
P-3	7/8/09	15:05	627.35	8.09	1.96	56.5	6.72	Pumping well
P-4	7/9/09	14:15	624.45	7.57	0.70	54.6	2.21	Pumping well
PW-1	7/7/09	10:26	619.78	8.99	1.23	56.3	2	Pumping well
PW-3	7/7/09	12:10	618.28	9.61	1.35	54.9	13.8	Pumping well
PW-4	7/13/09	14:00	618.28	7.24	0.88	55.9	2.71	Pumping well
B3-M	7/8/09	14:45	625.59	9.22	1.23	54.8	584	
B4-M	7/9/09	7:55	622.24	8.3	1.47	60.7	32.5	
B5-M	7/13/09	9:20	620.83	8.24	0.70	52.4	296	
B-6M	7/9/09	10:30	615.69	7.05	1.23	53.6	29.1	
B-7M	7/8/09	8:13	616.22	7.33	0.79	54.7	729	
B-8M	7/7/09	12:00	618.57	8.46	4.26	54.9	803	
B-9M	7/7/09	14:45	623.03	8.10	0.82	53.4	542	
B-10M	7/7/09	14:10	622.07	8.37	1.80	54.3	244	
B-11M	7/7/09	15:30	622.81	8.28	2.53	53.2	390	
B-12M	7/13/09	10:00	622.17	8.18	1.16	56.1	310	
B-13M	7/9/09	15:00	618.69	7.23	1.29	54.0	37.7	
B-15M	7/8/09	13:30	623.98	8.87	1.45	52.2	35.1	
B-16M	7/8/09	11:00	626.08	8.74	1.00	51.7	67.4	
B-17M	7/7/09	11:30	626.01	8.69	1.75	55.3	209	
B-18M	7/7/09	11:51	622.56	8.86	1.49	53.7	20.7	
B-19M	7/9/09	15:15	617.71	7.4	1.47	57.0	25.9	
B-20M	7/9/09	12:00	622.62	7.02	1.61	53.1	3.98	
B-21M	7/13/09	12:00	618.31	6.77	0.96	54.1	747	
B-22M	7/13/09	11:20	619.35	6.97	1.15	55.7	12.9	
B-23M	7/14/09	14:50	609.81	6.27	1.11	53.5	7.96	
B-24M	7/15/09	9:25	626.12	6.10	1.22	52.1	60	
B-26M	7/14/09	9:10	618.06	6.59	0.93	52.0	115	
B-27M	7/8/09	15:15	626.04	8.93	1.27	54.7	4.17	
B-28M	7/13/09	10:45	622.62	7.25	1.09	54.6	74.1	
B-29M	7/14/09	13:40	618.31	6.88	1.06	54.8	78.6	
B-31M	7/14/09	10:45	613.78	6.75	0.80	51.8	27.3	
B-32M	7/14/09	11:30	619.35	7.93	1.31	51.9	32.1	
B-33M	7/14/09	12:00	612.43	7.20	1.17	54.9	56.9	
B-38M	7/13/09	13:45	609.81	6.54	1.03	53.2	13.6	
B-39M	7/7/09	13:15	626.12	8.54	1.20	53.4	15.6	
B-40M	7/7/09	13:30	626.23	9.8	1.45	53.9	13.1	
B-41M	7/7/09	14:25	626.31	8.96	1.37	54.3	14.1	
B-42M	7/7/09	9:15	623.76	8.55	1.22	55.7	6.39	
B-43M	7/7/09	11:10	623.64	8.71	1.65	55.7	9.72	
B-44M	7/7/09	11:06	623.29	8.57	2.94	54.8	142	
B-45M	7/14/09	15:15	612.12	6.78	1.99	51.3	596	
B-46M	7/14/09	15:00	613.46	6.97	1.19	51.8	62.6	
B-48M	7/9/09	14:10	625.40	7.00	1.38	53.4	7.63	
B-49M	7/9/09	14:35	625.56	7.21	3.00	55.2	56.5	
B-50M	7/9/09	11:40	616.47	6.94	1.01	52.6	47.8	
B-51M	7/9/09	11:10	616.48	6.90	1.60	55.9	16.5	
B-52M	7/9/09	10:00	616.26	7.17	1.40	55.2	>1000	
B-53M	7/9/09	9:30	616.14	6.90	1.09	54.3	20.0	
B-54M	7/9/09	11:20	616.00	10.22	1.06	54.1	134	
B-55M	7/9/09	11:15	615.59	7.01	4.01	56.1	18.3	
B-56M	7/15/09	10:05	617.78	6.53	1.04	54.5	37	
B-57M	7/15/09	12:00	617.80	7.71	2.03	53.5	20	
B-58M	7/15/09	11:40	617.99	8.39	1.26	53.9	24	
B-59M	7/8/09	13:43	625.53	8.84	1.68	56.3	369	
B-60M	7/8/09	14:25	625.67	9.37	1.46	54.4	33.9	
B-61M	7/8/09	14:15	625.72	8.86	1.27	54.3	68.2	
B-62M	7/8/09	11:00	623.89	8.48	3.51	54.7	20.5	
B-63M	7/8/09	9:17	624.14	6.16	1.42	51.4	185	
B-64M	7/8/09	9:53	623.95	7.93	0.84	51.3	46.0	
B-65M	7/8/09	10:19	626.23	8.96	1.90	52.8	37.4	
B-66M	7/7/09	11:35	626.31	8.85	0.94	54.0	42	
B-67M	7/8/09	11:30	623.76	8.8	1.0	52.8	65.8	

TABLE 4
MONITORING WELL GROUNDWATER ANALYTCIAL RESULT SUMMARY
JULY 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	7/13/2009	5722296	< 2	< 1.6	82	19	< 4	7.9 J	1700	350	420	150	< 1.6
P-3	7/8/2009	5719622	< 1	< 0.8	< 1	< 0.8	< 2	5.4	120	< 0.8	< 1	< 1	< 0.8
P-4	7/9/2009	5720680	< 1	< 0.8	6.6	2.3 J	< 2	6.8	390	5.6	490	< 1	< 0.8
PW-1	7/7/2009	5718471	< 1	< 0.8	1.6 J	< 0.8	< 2	1.6 J	110	1.1 J	430	5.6	< 0.8
PW-3	7/7/2009	5718469	< 10	< 8	< 10	19 J	< 20	15 J	2600	< 8	5000	17 J	< 8
PW-4	7/13/2009	5722294	< 1	< 0.8	< 1	< 0.8	< 2	< 0.8	62	< 0.8	350	1.4 J	< 0.8
B- 3M	7/8/2009	5719621	< 1	< 0.8	1.4 J	1.4 J	< 2	4.5 J	240	< 0.8	16	56	< 0.8
B- 4M	7/9/2009	5720682	< 1	< 0.8	< 1	< 0.8	< 2	< 0.8	20	< 0.8	1.8 J	5.1	< 0.8
B- 5M	7/13/2009	5722293	< 1	< 0.8	< 1	< 0.8	< 2	1 J	20	< 0.8	82	< 1	< 0.8
B- 6M	7/9/2009	5720687	< 1	< 0.8	< 1	< 0.8	< 2	0.86 J	23	< 0.8	230	< 1	< 0.8
B- 7M	7/8/2009	5719613	< 1	< 0.8	< 1	< 0.8	< 2	< 0.8	1.5 J	< 0.8	4.9 J	< 1	< 0.8
B- 8M	7/7/2009	5718472	< 20	< 16	< 20	< 16	< 40	< 16	1200	< 16	25000	30 J	< 16
B- 9M	7/7/2009	5718463	< 1	< 0.8	< 1	< 0.8	< 2	< 0.8	< 0.8	< 0.8	< 1	< 1	< 0.8
B-10M	7/7/2009	5718465	< 1	< 0.8	< 1	< 0.8	< 2	< 0.8	5.5	2.9 J	35	< 1	< 0.8
B-11M	7/7/2009	5718478	< 1	< 0.8	< 1	< 0.8	< 2	1.8 J	76	< 0.8	470	< 1	21
B-12M	7/13/2009	5722292	< 2	< 1.6	37	4.3 J	< 4	7.1 J	290	78	660	< 2	< 1.6
B-13M	7/9/2009	5720678	< 1	< 0.8	4.7 J	3.7 J	< 2	14	640	0.92 J	230	39	< 0.8
B-15M	7/8/2009	5719628	< 1	< 0.8	< 1	< 0.8	< 2	< 0.8	< 0.8	< 0.8	< 1	< 1	< 0.8
B-16M	7/8/2009	5719617	< 1	< 0.8	< 1	< 0.8	< 2	< 0.8	< 0.8	< 0.8	< 1	< 1	< 0.8
B-17M	7/7/2009	5718470	< 5	< 4	120	50	< 10	62	14000	20 J	3700	2200	< 4
B-18M	7/7/2009	5718468	< 1	< 0.8	< 1	< 0.8	< 2	< 0.8	11	< 0.8	< 1	5.5	< 0.8
B-19M	7/9/2009	5720693	< 1	< 0.8	< 1	< 0.8	< 2	< 0.8	2.8 J	< 0.8	< 1	< 1	< 0.8
B-20M	7/9/2009	5720683	< 1	< 0.8	< 1	< 0.8	< 2	< 0.8	< 0.8	< 0.8	< 1	< 1	< 0.8
B-21M	7/13/2009	5722289	< 1	< 0.8	< 1	< 0.8	< 2	< 0.8	< 0.8	< 0.8	< 1	< 1	< 0.8
B-22M	7/13/2009	5722290	< 1	< 0.8	< 1	< 0.8	< 2	< 0.8	27	< 0.8	4.8 J	1.6 J	< 0.8
B-23M	7/14/2009	5723623	< 1	< 0.8	1.2 J	< 0.8	< 2	0.93 J	290	< 0.8	2.8 J	33	< 0.8
B-24M	7/15/2009	5724678	< 1	< 0.8	< 1	< 0.8	< 2	< 0.8	< 0.8	< 0.8	1.2 J	< 1	< 0.8
B-26M	7/14/2009	5723631	< 1	< 0.8	< 1	< 0.8	< 2	< 0.8	< 0.8	< 0.8	< 1	< 1	< 0.8
B-28M	7/13/2009	5722291	< 1	< 0.8	< 1	< 0.8	< 2	< 0.8	< 0.8	< 0.8	< 1	< 1	< 0.8
B-29M	7/14/2009	5723624	< 1	< 0.8	< 1	< 0.8	< 2	< 0.8	17	< 0.8	1.7 J	2.6 J	< 0.8
B-31M	7/14/2009	5723632	< 1	< 0.8	< 1	< 0.8	< 2	< 0.8	8.5	< 0.8	4 J	< 1	< 0.8
B-32M	7/14/2009	5723630	< 1	< 0.8	< 1	< 0.8	< 2	< 0.8	21	< 0.8	< 1	10	< 0.8
B-33M	7/14/2009	5723628	< 1	< 0.8	< 1	< 0.8	< 2	< 0.8	< 0.8	< 0.8	< 1	< 1	< 0.8
B-38M	7/13/2009	5722288	< 1	< 0.8	< 1	< 0.8	< 2	< 0.8	50	< 0.8	20	< 1	< 0.8
B-39M	7/7/2009	5718467	< 1	< 0.8	< 1	< 0.8	< 2	< 0.8	1.4 J	< 0.8	3 J	< 1	< 0.8
B-40M	7/7/2009	5718466	< 1	< 0.8	< 1	< 0.8	< 2	< 0.8	2.7 J	< 0.8	1.7 J	< 1	< 0.8
B-41M	7/7/2009	5718464	< 1	< 0.8	< 1	< 0.8	< 2	< 0.8	4.3 J	< 0.8	< 1	< 1	< 0.8
B-42M	7/7/2009	5718476	< 1	< 0.8	< 1	< 0.8	< 2	0.98 J	7.8	< 0.8	2.7 J	< 1	< 0.8
B-43M	7/7/2009	5718475	< 1	< 0.8	< 1	< 0.8	< 2	< 0.8	8.4	< 0.8	2 J	2.6 J	< 0.8
B-44M	7/7/2009	5718477	< 1	< 0.8	8.6	< 0.8	< 2	< 0.8	9.5	< 0.8	5.7	6.9	< 0.8
B-45M	7/14/2009	5723627	< 1	< 0.8	< 1	< 0.8	< 2	< 0.8	< 0.8	< 0.8	< 1	< 1	< 0.8
B-46M	7/14/2009	5723629	< 1	< 0.8	< 1	< 0.8	< 2	< 0.8	28	< 0.8	4.3 J	3.2 J	< 0.8
B-48M	7/9/2009	5720681	< 1	< 0.8	< 1	< 0.8	< 2	< 0.8	1.1 J	< 0.8	2.4 J	< 1	< 0.8
B-49M	7/9/2009	5720679	< 1	< 0.8	< 1	< 0.8	< 2	< 0.8	< 0.8	< 0.8	< 1	< 1	< 0.8
B-50M	7/9/2009	5720686	< 1	< 0.8	< 1	< 0.8	< 2	< 0.8	9.2	< 0.8	51	< 1	< 0.8
B-51M	7/9/2009	5720688	< 1	< 0.8	< 1	< 0.8	< 2	< 0.8	< 0.8	< 0.8	< 1	< 1	< 0.8
B-52M	7/9/2009	5720691	< 1	< 0.8	< 1	< 0.8	< 2	< 0.8	< 0.8	< 0.8	< 1	< 1	< 0.8
B-53M	7/9/2009	5720692	< 1	< 0.8	< 1	< 0.8	< 2	< 0.8	2.9 J	< 0.8	9.4	< 1	< 0.8
B-54M	7/9/2009	5720689	< 1	< 0.8	< 1	< 0.8	< 2	< 0.8	< 0.8	< 0.8	< 1	< 1	< 0.8
B-55M	7/9/2009	5720690	< 1	< 0.8	< 1	< 0.8	< 2	< 0.8	< 0.8	< 0.8	< 1	< 1	< 0.8
B-56M	7/15/2009	5724675	< 1	< 0.8	< 1	< 0.8	< 2	0.87 J	21	< 0.8	82	< 1	< 0.8
B-57M	7/15/2009	5724674	< 1	< 0.8	< 1	< 0.8	< 2	< 0.8	< 0.8	< 0.8	< 1	< 1	< 0.8
B-58M	7/15/2009	5724673	< 1	< 0.8	< 1	< 0.8	< 2	< 0.8	< 0.8	< 0.8	< 1	< 1	< 0.8
B-59M	7/8/2009	5719627	< 1	< 0.8	< 1	< 0.8	< 2	< 0.8	< 0.8	< 0.8	< 1	< 1	< 0.8
B-60M	7/8/2009	5719625	< 1	< 0.8	< 1	< 0.8	< 2	< 0.8	< 0.8	< 0.8	< 1	< 1	< 0.8
B-61M	7/8/2009	5719626	< 1	< 0.8	< 1	< 0.8	< 2	< 0.8	< 0.8	< 0.8	< 1	< 1	< 0.8
B-62M	7/8/2009	5719616	< 1	< 0.8	< 1	< 0.8	< 2	< 0.8	< 0.8	< 0.8	< 1	< 1	< 0.8
B-63M	7/8/2009	5719620	< 1	< 0.8	< 1	< 0.8	< 2	< 0.8	< 0.8	< 0.8	< 1	< 1	< 0.8
B-64M	7/8/2009	5719619	< 1	< 0.8	< 1	< 0.8	< 2	< 0.8	< 0.8	< 0.8	< 1	< 1	< 0.8
B-65M	7/8/2009	5719618	< 1	< 0.8	< 1	< 0.8	< 2	< 0.8	< 0.8	< 0.8	< 1	< 1	< 0.8
B-66M	7/8/2009	5719614	< 1	< 0.8	< 1	< 0.8	< 2	< 0.8	< 0.8	< 0.8	< 1	< 1	< 0.8
B-67M	7/8/2009	5719615	< 1	< 0.8	< 1	< 0.8	< 2	< 0.8	< 0.8	< 0.8	< 1	< 1	< 0.8

APPENDIX A

MONITORING WELL SAMPLING FIELD FORMS

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

Monitoring Well ID: B-3	Date: 7/8/09	Time Started: 2:45	Field Personnel: RCB
Weather Conditions: sunny 80°			
Comments:			

Initial Readings

Measured Well Bottom (TOR - ft) 25.01	River Pipe Diameter (in) 2			
Measured Water Level (TOR - ft) 22.61	Conversion Factor (gal/lineal ft)	1.25" = 0.08	2" = 0.17	3" = 0.38
Calculated Water Column Height (ft) 2.4	(Circle One)	4" = 0.88	6" = 1.50	8" = 2.60
One Well Volume (gals.) .41	Three Well Volumes (gals.) 3V = 2.04			
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
.41	~.4	59.5	2.02	1000+	
	~.85				well dry

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

Sampling Information

Date: 7/8/09	Time Sampled: 3:20	Field Personnel: RCB + CDB
Measured Water Level (TOR ft.): Dry 24.89		

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-3	54.8	9.22	1.23	584	

QA/QC Samples Taken:
Comments:

Sampler (Print): Richard C. Becken — Sampler (signature): Signature — Date: 7/8/09

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

Monitoring Well ID: B-4	Date: 7/09/09	Time Started: 755	Field Personnel: CDB

Weather Conditions: Sunny 52°

Comments

Initial Readings

Measured Well Bottom (TOR - ft) 27.46	River Pipe Diameter (in) 2"			
Measured Water Level (TOR - ft) 23.7	Conversion Factor (gal/lineal ft)	1.25" = 0.08	(2" = 0.17)	3" = 0.38
Calculated Water Column Height (ft) 3.76	(Circle One)	4" = 0.88	6" = 1.50	8" = 2.60
One Well Volume (gals.) 0.63	Three Well Volumes (gals.) 5V = 3.19			

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:

Well Volume	Gallons Purged (gal)	Temperature (deg C)	Specific Conductivity (mS/cm)	Turbidity (NTU's)	Comments
3.19	1	53.6	1.23	41.7	
	2	52.4	1.24	26.0	Well Dry
	3				

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

Comments.

Sampling Information

Date 7/9/09	Time Sampled: 1300	Field Personnel: CDB

Measured Water Level (TOR ft.): 24.43

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

Sample I.D.	Temperature (deg C)	pH	Specific Conductivity (mS/cm)	Turbidity (NTU's)	Comments
B-4	60.7	8.3	1.47	32.5	

QA/QC Samples Taken:

Comments:

Signature

Sampler (Print): Richard C. Becken *Sampler (signature):* Richard C Becken Date: 7/9/09

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

Monitoring Well ID: B-5	Date: 7/13/09	Time Started: 0926	Field Personnel: RC Becken
Weather Conditions: Sunny, warm			
Comments:			

Initial Readings

Measrac Well Bottom (TOR - ft)	31.05	River Pipe Diameter (in)	2		
Measured Water Level (TOR - ft)	19.83	Conversion Factor (gal/lineal ft)	1.25" = 0.08	(2" = 0.17)	3" = 0.38
Calculated Water Column Height (ft)	11.22	(Circle One)	4" = 0.88	5" = 1.50	8" = 2.60
One Well Volume (gals.)	1.9	Three Well Volumes (gals.)	5.7 = 9.5		

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

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
1.9	~2	53.5	0.72	142	
	~4	52.3	0.76	120	
	~6	52.5	0.78	10.75	
	~8	52.6	0.78	9.83	

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

Comments:

Sampling Information

Date 9/13/09	Time Sampled: 0950	Field Personnel: RC Becken
Measured Water Level (TOR ft.):	9.6	

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-5	52.4	8.24	0.70	296	

QA/QC Samples Taken:

Comments:

Signature

Sampler (Print): Richard C. Becken | *Sampler (signature):* Richard C Becken | Date: 7/13/09

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

Monitoring Well ID: B-6	Date: 7/9/09	Time Started: 10:30	Field Personnel: RCB + CDB
Weather Conditions: Sunny 70°			
Comments			

Initial Readings

Measured Well Bottom (TOR - ft) 19.1	River Pipe Diameter (in) 2			
Measured Water Level (TOR - ft) 13.62	Conversion Factor (gal/lineal ft)	1.25" = 0.08	(2" = 0.17)	3" = 0.38
Calculated Water Column Height (ft) 5.48	(Circle One)	4" = 0.88	6" = 1.50	8" = 2.60
One Well Volume (gals.) 0.93	Three Well Volumes (gals.) 3Vs 4.66			
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
4.66	1.5	58.6	1.73	300	
	2.5	53.4	1.49	384	
	3.5	51.6	1.33	304	
	4.5	52.5	1.35	200	

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

Sampling Information

Date 7/9/09	Time Sampled: 11 30	Field Personnel: CDB + RCB
Measured Water Level (TOR ft.): 12.89		

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-6	53.6	7.05	1.23	29.1	

QA/QC Samples Taken:
Comments:

Signature

Sampler (Print): Richard C. Becken — *Sampler (signature):* — Date: 7/9/09

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

Monitoring Well ID: B-7	Date: 7/8/09	Time Started: 751	Field Personnel: CDB
Weather Conditions: Sunny 62°			
Comments			

Initial Readings

Measured Well Bottom (TOR - ft) 21.9	River Pipe Diameter (in) 2			
Measured Water Level (TOR - ft) 13.15	Conversion Factor (gal/lineal ft)	1.25" = 0.08	2" = 0.17	3" = 0.38
Calculated Water Column Height (ft) 8.75	(Circle One)	4" = 0.88	6" = 1.50	8" = 2.60
One Well Volume (gals.) 1.48	Three Well Volumes (gals.) 5 v = 7.43			
Notes:				

Well Conditions

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

Purge Information

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
B-7	1	54.4	0.87	58.6	
	2	53.1	0.83	20.9	
	4	53.1	0.85	24.4	
	6	52.5	0.84	12.9	

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

Sampling Information

Date 7/8/09	Time Sampled: 813	Field Personnel: CDB
Measured Water Level (TOR ft.): 13.25		

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 7	54.7	7.33	0.79	7.29	

QA/QC Samples Taken:
Comments:

Signature

Sampler (Print): Richard C. Becken | *Sampler (signature):* | Date: 7/8/09

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

Monitoring Well ID: B-8	Date: 7/7/09	Time Started: 1135	Field Personnel: RCB CDB
Weather Conditions: overcast warm 65°			
Comments			

Initial Readings

Measured Well Bottom (TOR - ft) 17.8	River Pipe Diameter (in) 2			
Measured Water Level (TOR - ft) 12.26	Conversion Factor (gal/lineal ft)	~~1.25" = 0.66~~	2" = 0.17	3" = 0.38
Calculated Water Column Height (ft) 5.54	(Circle One)	4" = 0.88	6" = 1.50	8" = 2.60
One Well Volume (gals.) 0.94	Three Well Volumes (gals.) 5 V = 4.7			
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

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
4.7	1	57.0	4.41	1000+	
	2	54.1	4.34	857	
	3	53.6	4.09	370	
	4	53.8	4.23	78.5	

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

Sampling Information

Date: 7/7/09	Time Sampled: 1220	Field Personnel:
Measured Water Level (TOR ft.): 15.85		

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	Specific Conductivity (mS/cm)	Turbidity (NTU's)	Comments
B-8	54.9	8.46	4.26	80.3	

QA/QC Samples Taken: MS + MSD
Comments:

Signature

Sampler (Print): Richard C. Becken | Sampler (signature): Richard C Becken | Date: 7/7/09

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

Monitoring Well ID: B-9	Date: 7/7/09	Time Started: 219 PM	Field Personnel: RCB + CDB
Weather Conditions: overcast 65°			
Comments:			

Initial Readings

Measrac Well Bottom (TOR - ft) 21.11	River Pipe Diameter (in) 2			
Measured Water Level (TOR - ft) 14.88	Conversion Factor (gal/lineal ft)	1.25" = 0.08	2" = 0.17	3" = 0.38
Calculated Water Column Height (ft) 6.23	(Circle One)	4" = 0.88	6" = 1.50	8" = 2.60
One Well Volume (gals.) 1.05	Three Well Volumes (gals.) 5V = 5.29			
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

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
V=5.29	1	58.8	.83	71.3	
	2	59.2	.79	108	Well Dry

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

Sampling Information

Date: 7/7/09	Time Sampled: 245	Field Personnel: RCB + CDB
Measured Water Level (TOR ft.): 18.3		

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-9	53.4	8.10	.82	542	

QA/QC Samples Taken:
Comments:

Signature

Sampler (Print): Richard C. Becken | *Sampler (signature):* | Date: 7/7/09

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

Monitoring Well ID: B-10	Date: 7/7/09	Time Started: 1:29	Field Personnel: RCB & CDB
Weather Conditions: overcast 65°			
Comments			

Initial Readings

Measured Well Bottom (TOR - ft) 27.91	River Pipe Diameter (In) 2			
Measured Water Level (TOR - ft) 14.95	Conversion Factor (gal/lineal ft)	1.25" = 0.08	2" = 0.17	3" = 0.38
Calculated Water Column Height (ft) 12.96	(Circle One)	4" = 0.88	6" = 1.50	8" = 2.60
One Well Volume (gals.) 2.20	Three Well Volumes (gals.) 5V = 11.01			
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
2.2	2.2	53.8	1.70	177	
	4.4	53.9	1.80	251	
	6.6	52.9	1.83	402	
	8.8	52.9	1.87	325	

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

Sampling Information

Date: 7/7/09	Time Sampled: 1410	Field Personnel: CDB
Measured Water Level (TOR ft.): 16.49		

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-10	54.3	8.37	1.80	244	

QA/QC Samples Taken:
Comments:

Signature

Sampler (Print): Richard C. Becken Sampler (signature): Richard C. Becken Date: 7/7/09

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

Monitoring Well ID: B-11	Date: 7/7/09	Time Started: 2:53	Field Personnel: CDB
Weather Conditions: Overcast 65°			
Comments			

Initial Readings

Measured Well Bottom (TOR - ft) 23.78	River Pipe Diameter (in) 2			
Measured Water Level (TOR - ft) 21.56	Conversion Factor (gal/lineal ft)	1.25" = 0.08	(2" = 0.17)	3" = 0.38
Calculated Water Column Height (ft) 2.22	(Circle One)	4" = 0.88	6" = 1.50	8" = 2.60
One Well Volume (gals.) 0.377	Three Well Volumes (gals.) 5 V = 1.8 g. 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

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

Well Volume	Gallons Purged (gal)	Temperature (deg C)	Specific Conductivity (mS/cm)	Turbidity (NTU's)	Comments
V = 1.8	1	53.5	1.82	1000+	Well Dry
	2				

Water Level After Pumping (TOR ft) 21.2 | Calculated 95% Recovery Water Level:
Comments:

Sampling Information

Date: 7/7/09	Time Sampled: 3:50	Field Personnel: CDB
Measured Water Level (TOR ft.): 21.2		

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

Sample I.D.	Temperature (deg C)	pH	Specific Conductivity (mS/cm)	Turbidity (NTU's)	Comments
B-11	53.2	8.28	2.53	390	

QA/QC Samples Taken:
Comments:

Signature

Sampler (Print): Richard C. Becken | Sampler (signature): [signature] | Date: 7/7/09

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

Monitoring Well ID: B-12	Date: 7/13/09	Time Started: 0900	Field Personnel: RC Becken
Weather Conditions: Sunny warm			
Comments			

Initial Readings

Measured Well Bottom (TOR - ft) 21.91	River Pipe Diameter (in) 2			
Measured Water Level (TOR - ft) 20.55	Conversion Factor (gal/lineal ft)	1.25" = 0.08	(2" = 0.17)	3" = 0.38
Calculated Water Column Height (ft) 1.36	(Circle One)	4" = 0.88	6" = 1.50	8" = 2.60
One Well Volume (gals.) 0.23	Three Well Volumes (gals.) 3V = 1.2			
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

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
0.23	~.25	54.8	1.05	1000+	
	~.50	53.3	1.09	651	
	~.75	53.2	1.10	405	
	~1.0	53.2	1.11	751	

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

Sampling Information

Date 7/13/09	Time Sampled: 1000	Field Personnel: RC Becken
Measured Water Level (TOR ft.): 20.52		

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-12	56.1	8.18	1.16	310	

QA/QC Samples Taken:
Comments:

Signature

Sampler (Print): Richard C. Becken | Sampler (signature): Richard C. Becken | Date: 7/13/09

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

Monitoring Well ID: B-13	Date: 7/9/09	Time Started: 1400	Field Personnel: RCB
Weather Conditions:			
Comments:			

Initial Readings

Measured Well Bottom (TOR - ft) 35.98	River Pipe Diameter (in) 2"			
Measured Water Level (TOR - ft) 26.82	Conversion Factor (gal/lineal ft)	1.25" = 0.08	~~2" = 0.17~~	3" = 0.38
Calculated Water Column Height (ft) 9.16	(Circle One)	4" = 0.88	6" = 1.50	8" = 2.60
One Well Volume (gals.) 1.56	Three Well Volumes (gals.) 5v = 7.78			
Notes:				

Well Conditions

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

Purge Information

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
~~7.78~~ 1.56	~~5.0~~ 1.5	54.0	1.41	48.0	
	3.0	53.8	1.32	41.7	
	4.5	53.7	1.26	28.2	
	6.0	54.0	1.25	38.1	

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

Sampling Information

Date: 7/9/09 Time Sampled: 1500 Field Personnel: RCB
Measured Water Level (TOR ft.): 26.85
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	Specific Conductivity (mS/cm)	Turbidity (NTU's)	Comments
B-13	~~2~~54.0	7.23	1.29	37.7	

QA/QC Samples Taken:
Comments:

Signature

Sampler (Print): Richard C. Becken Sampler (signature): Richard C Becken Date: 7/9/09

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

Monitoring Well ID: B-14	Date: 7/7/09	Time Started: 1140 AM	Field Personnel: CB,
Weather Conditions: cloudy 66°			
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.)			
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

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

Sampling Information

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

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

QA/QC Samples Taken:
Comments:

Signature

Sampler (Print): Richard C. Becken	*Sampler (signature):*	Date: 7/7/09

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

Monitoring Well ID: B-15	Date: 7/8/09	Time Started: 1305	Field Personnel: CDB
Weather Conditions: Sunny 70°			
Comments			

Initial Readings

Measured Well Bottom (TOR - ft) 24.1	River Pipe Diameter (in) 2			
Measured Water Level (TOR - ft) 14.85	Conversion Factor (gal/lineal ft)	1.25" = 0.08	(2" = 0.17)	3" = 0.38
Calculated Water Column Height (ft) 9.25	(Circle One)	4" = 0.88	6" = 1.50	8" = 2.60
One Well Volume (gals.) 1.57	Three Well Volumes (gals.) 5V = 7.86			
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
1.57	~1.5	58.1	1.79	22.1	
	~3.0	52.8	1.67	31.0	
	~4.5	51.6	1.61	31.2	
	~6	51.5	1.51	33.8	

Water Level After Pumping (TOR ft): Calculated 85% Recovery Water Level:
Comments:

Sampling Information

Date 7/8/09	Time Sampled: 1330	Field Personnel: RCB CDB
Measured Water Level (TOR ft.): 17.91		

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

Sample I.D.	Temperature (deg C)	pH	Specific Conductivity (mS/cm)	Turbidity (NTU's)	Comments
B-15	52.2	8.87	1.45	35.1	

QA/QC Samples Taken:
Comments:

Signature

Sampler (Print): Richard C. Becken *Sampler (signature):* Date: 7/8/09

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

Monitoring Well ID: B-16	Date: 7/8/09	Time Started: 1030	Field Personnel: RCB
Weather Conditions: Sunny warm 70°			
Comments			

Initial Readings

Measured Well Bottom (TOR - ft)	27.2	River Pipe Diameter (in)	2		
Measured Water Level (TOR - ft)	24.33	Conversion Factor (gal/lineal ft)	1.25" = 0.08	2" = 0.17	3" = 0.38
Calculated Water Column Height (ft)	2.87	(Circle One)	4" = 0.88	6" = 1.50	8" = 2.60
One Well Volume (gals.)	0.49	Three Well Volumes (gals.)	3V = 2.5		
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

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
.49	~.5	54.1	1.14	218	
	~1	51.7	0.94	87.2	
	~1.5	51.4	0.91	105	
	~2	51.2	0.91	83.7	

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

Sampling Information

Date 7/8/09	Time Sampled: 1100	Field Personnel: RC Becken
Measured Water Level (TOR ft.): 24.33		

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-16	51.7	8.74	1.00	67.4	

QA/QC Samples Taken:
Comments:

Signature

Sampler (Print): Richard C. Becken Sampler (signature): RC Becken Date: 7/8/09

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

Monitoring Well ID: B-17	Date: 7/07/09	Time Started: 9:53 AM	Field Personnel: CB
Weather Conditions: OVER CAST / WARM 65°			
Comments:			

Initial Readings

Measured Well Bottom (TOR - ft) 26.0	River Pipe Diameter (in) 2			
Measured Water Level (TOR - ft) 21.24	Conversion Factor (gal/lineal ft)	1.25" = 0.08	(2" = 0.17)	3" = 0.38
Calculated Water Column Height (ft) 4.76	(Circle One)	4" = 0.88	6" = 1.50	8" = 2.60
One Well Volume (gals.) 0.8092	Three Well Volumes (gals.) 4.04			
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:

Well Volume	Gallons Purged (gal)	Temperature (deg C)	Specific Conductivity (mS/cm)	Turbidity (NTU's)	Comments
4.04	1	54.6	2.14	504	
	2	54.4	2.11	915	
	3½				Dry well

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

Comments:

Sampling Information

Date 7/7/09 Time Sampled: 1130 Field Personnel:

Measured Water Level (TOR ft.): 21.42

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-17	55.3	8.69	1.75	209	

QA/QC Samples Taken:

Comments:

Signature

Sampler (Print): Richard C. Becken Sampler (signature): Date: 7/7/09

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

Monitoring Well ID: B-18	Date: 7/7/09	Time Started: 1135	Field Personnel:
Weather Conditions: overcast warm 65°			
Comments:			

Initial Readings

Measured Well Bottom (TOR - ft) 50.36	River Pipe Diameter (in) 2			
Measured Water Level (TOR - ft) 17.21	Conversion Factor (gal/lineal ft)	1.25" = 0.08	2" = 0.17	3" = 0.38
Calculated Water Column Height (ft) 33.15	(Circle One)	4" = 0.88	6" = 1.50	8" = 2.60
One Well Volume (gals.) 5.6	Three Well Volumes (gals.) 5V = 28.17			
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
5.6	~5.6	54.2	1.55	12.2	
	~11	55.1	1.82	32.4	
	~17	55.1	1.79	8.77	
	~22	54.7	1.76	1.55	

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

Sampling Information

Date 7/7/09	Time Sampled: 1151	Field Personnel: RCB - CDB	
Measured Water Level (TOR ft.): 41.45			
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-18	53.7	8.86	1.49	20.7	

QA/QC Samples Taken:
Comments:

Signature

Sampler (Print): Richard C. Becken Sampler (signature): Richard C Becken Date: 7/7/09

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

Monitoring Well ID: B-19	Date: 7/9/09	Time Started: 1430	Field Personnel: RCB CDB
Weather Conditions: Sunny 75°			
Comments			

Initial Readings

Measrac Well Bottom (TOR - ft) 66.14	River Pipe Diameter (in) 2			
Measured Water Level (TOR - ft) 25.91	Conversion Factor (gal/lineal ft)	1.25" = 0.08	(2" = 0.17)	3" = 0.38
Calculated Water Column Height (ft) 40.25	(Circle One)	4" = 0.88	6" = 1.50	8" = 2.60
One Well Volume (gals.) 6.84	Three Well Volumes (gals.) 3V = 34.2			
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

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
6.84	~6.7	59.1	1.56	8.69	
	~13.4	55.9	1.48	3.11	
	~20.1	54.4	1.48	2.77	
	~26.8	55.1	1.49	3.53	

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

Comments:

Sampling Information

Date: 7/9/09	Time Sampled: 1515	Field Personnel:
Measured Water Level (TOR ft.): 27.25		

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

Sample I.D.	Temperature (deg C)	pH	Specific Conductivity (mS/cm)	Turbidity (NTU's)	Comments
B-19	57.0	7.4	1.47	25.9	

QA/QC Samples Taken: Field Dup #3

Comments:

Signature

Sampler (Print): Richard C. Becken Sampler (signature): Richard C Becken Date: 7/9/09

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

Monitoring Well ID: B-20	Date: 7/9/09	Time Started: 11 25	Field Personnel: CDB + RCB
Weather Conditions: Sunny 70°			
Comments			

Initial Readings

Measured Well Bottom (TOR - ft) 49.93	River Pipe Diameter (in) 2			
Measured Water Level (TOR - ft) 12.4	Conversion Factor (gal/lineal ft)	1.25" = 0.08	2" = 0.17	3" = 0.38
Calculated Water Column Height (ft) 37.52	(Circle One)	4" = 0.88	6" = 1.50	8" = 2.60
One Well Volume (gals.) 6.38	Three Well Volumes (gals.) 5V = 31.9			
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

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
31.9	6.5	54.8	1.63	2.56	
	12.5	53.1	1.59	1.07	
	18.5	53.4	1.61	1.06	
	24.5	54.1	1.64	0.84	

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

Sampling Information

Date 7/9/09	Time Sampled: 1200	Field Personnel: CDB + RCB
Measured Water Level (TOR ft.): 16.25		

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	Specific Conductivity (mS/cm)	Turbidity (NTU's)	Comments
	53.1	7.42	1.61	3.98	

QA/QC Samples Taken: MS + MSD
Comments:

Signature

Sampler (Print): Richard C. Becken Sampler (signature): Richard C Becken Date: 7/9/09

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

Monitoring Well ID: B-21	Date: 7/13/09	Time Started: 1130	Field Personnel: RCB
Weather Conditions: sunny warm			
Comments:			

Initial Readings

Measured Well Bottom (TOR - ft) 26.55	River Pipe Diameter (in) 2			
Measured Water Level (TOR - ft) 21.43	Conversion Factor (gal/lineal ft)	1.25" = 0.08	2" = 0.17	3" = 0.38
Calculated Water Column Height (ft) 5.12	(Circle One)	4" = 0.88	5" = 1.50	8" = 2.60
One Well Volume (gals.) 0.87	Three Well Volumes (gals.) 3x = 4.31			
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
0.87	~1	55.9	0.97	513	
	~2	54.0	0.98	1000+	
	~3	54.0	0.99	1000+	
	~4	53.4	0.98	796	

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

Sampling Information

Date 7/13/09	Time Sampled: 1200	Field Personnel: R C Becken
Measured Water Level (TOR ft.): 22.7		

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-21	54.1	6.77	0.96	147	

QA/QC Samples Taken:
Comments:

Signature

Sampler (Print): Richard C. Becken | Sampler (signature): R C Becken | Date: 7/13/09

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

Monitoring Well ID: B-22	Date: 7/13/09	Time Started: 1050	Field Personnel: RCB
Weather Conditions: sunny warm			
Comments			

Initial Readings

Meaurec Well Bottom (TOR - ft)	35.91	River Pipe Diameter (in)	2		
Measured Water Level (TOR - ft)	27.8	Conversion Factor (gal/lineal ft)	1.25" = 0.06	2" = 0.17	3" = 0.38
Calculated Water Column Height (ft)	8.1	(Circle One)	4" = 0.88	6" = 1.50	8" = 2.60
One Well Volume (gals.)	1.38	Three Well Volumes (gals.)	5Vs 6.9		

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

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
1.38	~1.4	59.1	1.46	250	
	~2.8	55.5	1.26	60.1	
	~4.2	54.5	1.22	31.2	
	~5.6	54.2	1.21	33.7	

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

Sampling Information

Date: 7/13/09 Time Sampled: 1120 Field Personnel: RC Becken
Measured Water Level (TOR ft.): 31.59
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-22	55.7	6.97	1.15	12.9	

QA/QC Samples Taken:
Comments:

Signature

Sampler (Print): Richard C. Becken Sampler (signature): Richard C Becken Date: 7/13/09

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

Monitoring Well ID: B-23	Date: 7/14/09	Time Started: 1400	Field Personnel: RC Becken
Weather Conditions: sunny warm			
Comments:			

Initial Readings

Measrac Well Bottom (TOR - ft)	31.68	River Pipe Diameter (in)	2		
Measured Water Level (TOR - ft)	26.87	Conversion Factor (gal/lineal ft)	1.25" = 0.08	(2" = 0.17)	3" = 0.38
Calculated Water Column Height (ft)	4.81	(Circle One)	4" = 0.88	6" = 1.50	8" = 2.60
One Well Volume (gals.)	0.82	Three Well Volumes (gals.)	5V = 4.09		

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
0.82	~.8	57.7	1.11	27.4	
	~1.6	54.1	1.12	13.6	
	~2.4	52.7	1.13	13.0	
	~3.2	52.7	1.12	19.5	

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

Comments:

Sampling Information

Date: 7/14/09	Time Sampled: 1450	Field Personnel:
Measured Water Level (TOR ft.): 27.81		

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-23	53.5	6.37	1.11	7.96	

QA/QC Samples Taken:

Comments:

Signature

Sampler (Print): Richard C. Becken Sampler (signature): RC Becken Date: 7/14/09

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

Monitoring Well ID: B-24	Date: 7/15/09	Time Started: 0900	Field Personnel: RC Becker
Weather Conditions: clear warm sunny			
Comments:			

Initial Readings

Measrac Well Bottom (TOR - ft) 26.66	River Pipe Diameter (In) 2			
Measured Water Level (TOR - ft) 18.35	Conversion Factor (gal/lineal ft)	1.25" = 0.08	(2" = 0.17)	3" = 0.38
Calculated Water Column Height (ft) 15.69	(Circle One)	4" = 0.88	6" = 1.50	8" = 2.60
One Well Volume (gals.) 2.67	Three Well Volumes (gals.) 5V = 13.34			
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

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
2.67	~2.67	53.6	1.22	40	
	~5.2	52.7	1.19	14	
	~6.8	52.1	1.18	6.9	
	~8.4	51.5	1.19	3.5	

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

Sampling Information

Date 7/15/09	Time Sampled: 0925	Field Personnel: RC Becker
Measured Water Level (TOR ft.): 18.45		

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-24	52.1	6.1	1.22	60	

QA/QC Samples Taken.
Comments:

Signature

Sampler (Print): Richard C. Becken Sampler (signature): Richard C Becker Date: 7/15/09

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

Monitoring Well ID: B-26	Date: 7/14/09	Time Started: 0830	Field Personnel: RC Becken
Weather Conditions: sunny warm			
Comments:			

Initial Readings

Measured Well Bottom (TOR - ft) 20.03	River Pipe Diameter (in) 2			
Measured Water Level (TOR - ft) 15.3	Conversion Factor (gal/lineal ft)	1.25" = 0.08	(2" = 0.17)	3" = 0.38
Calculated Water Column Height (ft) 14.78	(Circle One)	4" = 0.88	6" = 1.50	8" = 2.60
One Well Volume (gals.) 2.51	Three Well Volumes (gals.) 5(+ 12.56			
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: ~~pump~~

Well Volume	Gallons Purged (gal)	Temperature (deg C)	Specific Conductivity (mS/cm)	Turbidity (NTU's)	Comments
2.51	~2.5	52.8	0.93	71.4	
	~5	52.3	0.91	162	
	~7.5	51.9	0.93	145	
	~10	52.0	0.92	160	

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

Sampling Information

Date 7/14/09	Time Sampled: 0910	Field Personnel: RC Becken
Measured Water Level (TOR ft.): 18.32		

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-26	52.0	6.59	0.93	115	

QA/QC Samples Taken.
Comments:

Sampler (Print): Richard C. Becken — Sampler (signature): (Signature) RC Becken — Date: 7/14/09

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

Monitoring Well ID: B-27	Date: 7/8/09	Time Started: 1445	Field Personnel: CDB RCB
Weather Conditions: Sunny 80°			
Comments			

Initial Readings

Measured Well Bottom (TOR - ft) 36.98	River Pipe Diameter (in) 2			
Measured Water Level (TOR - ft) 24.3	Conversion Factor (gal/lineal ft)	1.25" = 0.08	2" = 0.17	3" = 0.38
Calculated Water Column Height (ft) 12.68	(Circle One)	4" = 0.88	6" = 1.50	8" = 2.60
One Well Volume (gals.) 2.15	Three Well Volumes (gals.) 3V = 10.8			
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

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
2.15	~2.2	57.6	1.14	10.17	
	~4.4	56.1	1.14	3.6	
	~6.6	54.9	1.11	2.25	
	~8.8	55.2	1.10	2.07	

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

Sampling Information

Date: 7/8/09	Time Sampled: 1515	Field Personnel: RCB
Measured Water Level (TOR ft.): 24.81		

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-27	54.7	8.93	1.27	4.17	

QA/QC Samples Taken:
Comments:

Signature

Sampler (Print): Richard C. Becken Sampler (signature): Richard C Becken Date: 7/8/09

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

Monitoring Well ID: B-28	Date: 7/13/09	Time Started: 1015	Field Personnel: RCB
Weather Conditions: sunny warm			
Comments:			

Initial Readings

Measured Well Bottom (TOR - ft) 34.55	River Pipe Diameter (in) 2			
Measured Water Level (TOR - ft) 28.55	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.) 1.02	Three Well Volumes (gals.) 5V = 5.1			
Notes:				

Well Conditions

Well Riser Type (Circle one):	(Stainless Steel)	Carbon Steel	PVC
Casing Condition: (OK)	Repair Required:		
Cap Condition: (OK)	Repair Required:		
Paint Condition OK	Repair Required:		
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
1.02	~1	57.1	1.15	786	
	~2	54.6	1.11	311	
	~3	53.5	1.12	209	
	~4	53.4	1.12	132	

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

Sampling Information

Date 7/13/09	Time Sampled: 1045	Field Personnel: RC Becken
Measured Water Level (TOR ft.): 25.84		

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-28	54.6	7.25	1.09	74.1	

QA/QC Samples Taken.
Comments:

Signature

Sampler (Print): Richard C. Becken — *Sampler (signature):* Richard C Becken — Date: 7/13/09

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

Monitoring Well ID: B-29	Date: 7/14/09	Time Started: 1310	Field Personnel: RCB
Weather Conditions: Sunny, warm			
Comments			

Initial Readings

Measured Well Bottom (TOR - ft) 38.74	River Pipe Diameter (in) 2			
Measured Water Level (TOR - ft) 29.05	Conversion Factor (gal/lineal ft)	1.25" = 0.08	(2" = 0.17)	3" = 0.38
Calculated Water Column Height (ft) 9.69	(Circle One)	4" = 0.88	6" = 1.50	8" = 2.60
One Well Volume (gals.) 1.65	Three Well Volumes (gals.) 5V = 8.2			
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

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
1.65	~1.65	53.4	1.04	565	
	~3.3	53.2	1.02	277	
	~5	53.0	1.00	141	
	~7.7	53.1	1.00	150	

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

Sampling Information

Date 7/14/09	Time Sampled: 1340	Field Personnel: RC Becken
Measured Water Level (TOR ft.): 30.33		

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-29	54.8	6.88	1.06	78.6	

QA/QC Samples Taken: MS + MSD
Comments:

Signature

Sampler (Print): Richard C. Becken — *Sampler (signature):* RC Becken — Date: 7/14/09

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

Monitoring Well ID: B-31	Date: 7/14/09	Time Started: 0920	Field Personnel: RC Becker
Weather Conditions: Sunny warm			
Comments:			

Initial Readings

Measured Well Bottom (TOR - ft) 43.44	River Pipe Diameter (in) 2			
Measured Water Level (TOR - ft) 11.17	Conversion Factor (gal/lineal ft)	1.25" = 0.08	(2" = 0.17)	3" = 0.38
Calculated Water Column Height (ft) 32.27	(Circle One)	4" = 0.88	6" = 1.50	8" = 2.60
One Well Volume (gals.) 5.5	Three Well Volumes (gals.) 5 x 5.5 = 27.4			
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

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

Well Volume	Gallons Purged (gal)	Temperature (deg C)	Specific Conductivity (mS/cm)	Turbidity (NTU's)	Comments
5.5	5.5	54.3	0.83	26.9	
	11	51.9	0.81	50.2	
	16.5	51.7	0.80	30.2	
	22	51.4	.80	29.1	

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

Sampling Information

Date: 7/14/09 | Time Sampled: 1045 | Field Personnel:
Measured Water Level (TOR ft.): 11.29
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-31	51.8	6.75	0.80	27.3	

QA/QC Samples Taken:
Comments:

Signature

Sampler (Print): Richard C. Becken | *Sampler (signature):* Richard C Becker | Date: 7/14/09

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

Monitoring Well ID: B-32	Date: 7/14/09	Time Started: 1110	Field Personnel: RC Becken
Weather Conditions: Sunny warm			
Comments			

Initial Readings

Measured Well Bottom (TOR - ft) 40.46	River Pipe Diameter (in) 2			
Measured Water Level (TOR - ft) 34.42	Conversion Factor (gal/lineal ft)	1.25" = 0.08	(2" = 0.17)	3" = 0.38
Calculated Water Column Height (ft) 6.04	(Circle One)	4" = 0.88	5" = 1.50	8" = 2.60
One Well Volume (gals.) 1.03	Three Well Volumes (gals.) 5V = 5.1			
Notes:				

Well Conditions

Well Riser Type (Circle one):	Stainless Steel	Carbon Steel	PVC
Casing Condition: (OK)	Repair Required:		
Cap Condition: (OK)	Repair Required:		
Paint Condition (OK)	Repair Required:		
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:

Well Volume	Gallons Purged (gal)	Temperature (deg C)	Specific Conductivity (mS/cm)	Turbidity (NTU's)	Comments
1.03	~1	54.1	1.25	192	
	~2	52.0	1.26	154	
	~3	51.5	1.28	169	
	~4	51.3	1.30	128	

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

Sampling Information

Date 7/14/09	Time Sampled: 1130	Field Personnel: RC Becken
Measured Water Level (TOR ft.): 36.08		

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	Specific Conductivity (mS/cm)	Turbidity (NTU's)	Comments
B-32	51.9	7.93	1.31	321	

QA/QC Samples Taken:
Comments:

Signature

Sampler (Print): Richard C. Becken — *Sampler (signature):* Richard C Becken — Date: 7/14/09

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

Monitoring Well ID: B-33	Date: 7/14/09	Time Started: 1135	Field Personnel: RCB
Weather Conditions: Sunny, warm			
Comments:			

Initial Readings

Measured Well Bottom (TOR - ft) 32.02	River Pipe Diameter (in) 2			
Measured Water Level (TOR - ft) 23.98	Conversion Factor (gal/lineal ft)	1.25" = 0.08	2" = 0.17	3" = 0.38
Calculated Water Column Height (ft) 8.04	(Circle One)	4" = 0.88	6" = 1.50	8" = 2.60
One Well Volume (gals.) 1.37	Three Well Volumes (gals.) 5V = 6.8			
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

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
1.37	~1.5	58.1	1.20	392	
	~3	57.0	1.15	166	
	~4.5	56.5	1.12	27.7	
	~5	56.4	1.13	10.89	

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

Comments:

Sampling Information

Date: 7/14/09	Time Sampled: 1200	Field Personnel: RC Becken
Measured Water Level (TOR ft.): 25.8		

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

Sample I.D.	Temperature (deg C)	pH	Specific Conductivity (mS/cm)	Turbidity (NTU's)	Comments
B-33	54.9	7.2	1.17	36.9	

QA/QC Samples Taken: Field Dup #5

Comments:

Signature

Sampler (Print): Richard C. Becken — Sampler (signature): Richard C Becken — Date: 7/14/09

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

Monitoring Well ID: B-37	Date: 7/7/09	Time Started: 10:20 AM	Field Personnel: CB
Weather Conditions: Overcast warm 65°			
Comments:			

Initial Readings

Measrac Well Bottom (TOR - ft) 20.9	River Pipe Diameter (In) 2			
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.)			
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

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

Sampling Information

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

QA/QC Samples Taken:
Comments:

Signature

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

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

Monitoring Well ID: B-58	Date: 7/13/09	Time Started: 1215	Field Personnel: RCB
Weather Conditions: overcast windy			
Comments			

Initial Readings

Measured Well Bottom (TOR - ft) 41.25	River Pipe Diameter (In) 2			
Measured Water Level (TOR - ft) 31.2	Conversion Factor (gal/lineal ft)	1.25" = 0.08	(2" = 0.17)	3" = 0.38
Calculated Water Column Height (ft) 10.05	(Circle One)	4" = 0.88	6" = 1.50	8" = 2.60
One Well Volume (gals.) 1.70	Three Well Volumes (gals.) 5V = 8.5			

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

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
1.7	~1.75	57.9	1.18	517	
	~3.5	54.2	1.10	1000+	
	~4.5	52.4	1.06	371	well dry
	~6.5				

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

Comments:

Sampling Information

Date 7/13/09	Time Sampled: 1345	Field Personnel:
Measured Water Level (TOR ft.): 36.42		

Sampling Method: (Circle one): Stainless Steel & 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-38	53.2	6.54	1.03	13.6	

QA/QC Samples Taken:

Comments:

Signature

Sampler (Print): Richard C. Becken Sampler (signature): Richard C Becken Date: 7/13/09

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

Monitoring Well ID: B-39	Date: 7/7/09	Time Started: 1240	Field Personnel: RCB & CDB
Weather Conditions: Overcast 65°			
Comments:			

Initial Readings

Measured Well Bottom (TOR - ft) 44.91	River Pipe Diameter (in) 2			
Measured Water Level (TOR - ft) 24.1	Conversion Factor (gal/lineal ft)	1.25" = 0.08	2" = 0.17	3" = 0.38
Calculated Water Column Height (ft) 20.81	(Circle One)	4" = 0.88	6" = 1.50	8" = 2.60
One Well Volume (gals.) 3.53	Three Well Volumes (gals.) 5V = 17.68			
Notes:				

Well Conditions

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

Purge Information

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
3.53	~3.5	55.8	1.33	49.9	
	~7	52.6	1.25	43.7	
	~10	52.5	1.24	35.2	
	~14	52.8	1.20	19.6	

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

Sampling Information

Date: 7/7/09	Time Sampled: 1515	Field Personnel: CDB
Measured Water Level (TOR ft.): 24.11		

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-39	53.4	8.54	1.20	15.6	

QA/QC Samples Taken:	
Comments:	

Signature

Sampler (Print): Richard C. Becken	*Sampler (signature):* Richard C Becken	Date: 7/7/09

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

Monitoring Well ID: B-40	Date: 7/7/09	Time Started: 1242	Field Personnel: RCB
Weather Conditions: overcast 65°			
Comments:			

Initial Readings

Measured Well Bottom (TOR - ft) 57.9	River Pipe Diameter (in) 2			
Measured Water Level (TOR - ft) 24.29	Conversion Factor (gal/lineal ft)	1.25" = 0.08	2" = 0.17	3" = 0.38
Calculated Water Column Height (ft) 33.61	(Circle One)	4" = 0.88	6" = 1.50	8" = 2.60
One Well Volume (gals.) 5.7	Three Well Volumes (gals.) 3V = 28.54			
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: purge pump

Well Volume	Gallons Purged (gal)	Temperature (deg C)	Specific Conductivity (mS/cm)	Turbidity (NTU's)	Comments
5.7	~5.7	53.8	1.54	3.76	
	~12	53.7	1.37	2.94	
	~18	53.1	1.36	1.96	

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

Sampling Information

Date 7/7/09	Time Sampled: 1330	Field Personnel:
Measured Water Level (TOR ft.): 32.27		

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-40	53.9	9.8	1.45	13.1	

QA/QC Samples Taken:
Comments:

Signature

Sampler (Print): Richard C. Becken Sampler (signature): Richard C Becken Date: 7/7/09

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

Monitoring Well ID: B-41	Date: 7/7/09	Time Started: 1:30	Field Personnel: RCB + CDB
Weather Conditions:	Mulcast 65°		
Comments			

Initial Readings

Measured Well Bottom (TOR - ft) 72.59	River Pipe Diameter (in) 2			
Measured Water Level (TOR - ft) 24.91	Conversion Factor (gal/lineal ft)	1.25" = 0.08	2" = 0.17	3" = 0.38
Calculated Water Column Height (ft) 47.68	(Circle One)	4" = 0.88	6" = 1.50	8" = 2.60
One Well Volume (gals.) 8.10	Three Well Volumes (gals.) 5V = 40.5			
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

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
8.1	~8	53.7	2.55	17.7	
	~16	53.0	2.59	4.76	
	~24	53.5	2.57	~~2.67~~ 2.67	
	~33	53.2	2.56	1.95	

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

Sampling Information

Date: 7/7/09	Time Sampled: 1425	Field Personnel: RCB
Measured Water Level (TOR ft.) 30.77		

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-41	54.7	7.96	1.32	~~16~~ 14.1	

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

543

Signature

Sampler (Print): Richard C. Becken — Sampler (signature): Richard C Becken — Date: 7/7/09

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

Monitoring Well ID: B-42	Date: 7/7/09	Time Started: 8:45	Field Personnel: RCB CDB
Weather Conditions: overcast warm 65°			
Comments			

Initial Readings

Measured Well Bottom (TOR - ft) 45.4	River Pipe Diameter (in) 2			
Measured Water Level (TOR - ft) 21.85	Conversion Factor (gal/lineal ft)	1.25" = 0.08	~~2" = 0.17~~	3" = 0.38
Calculated Water Column Height (ft) 23.55	(Circle One)	4" = 0.88	6" = 1.50	8" = 2.60
One Well Volume (gals.) 4.00	~~Three~~ Five Well Volumes (gals.) 20			

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
4.0	4.0	57.2	1.13		
	8.0	54.1	1.13		
	12.0	54.1	1.14		
	16.0	54.2	1.14		

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

Comments:

Sampling Information

Date: 7/7/09	Time Sampled: 9:15	Field Personnel: RC Becken
Measured Water Level (TOR ft.): 21.9		

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-42	55.7	8.55	1.22	0.39	

QA/QC Samples Taken:

Comments:

Signature

Sampler (Print): Richard C. Becken | *Sampler (signature):* Richard C Becken | Date: 7/7/09

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

Monitoring Well ID: B-43	Date: 7/7/09	Time Started: 0930	Field Personnel: RLB

Weather Conditions: OVERCAST WARM 65°

Comments:

Initial Readings

Measured Well Bottom (TOR - ft) 58.85	River Pipe Diameter (in) 2			
Measured Water Level (TOR - ft) 22.23	Conversion Factor (gal/lineal ft)	1.25" = 0.08	(2" = 0.17)	3" = 0.38
Calculated Water Column Height (ft) 36.62	(Circle One)	4" = 0.88	6" = 1.50	8" = 2.60
One Well Volume (gals.) 6.23	~~Three~~ Five Well Volumes (gals.) 31.13			

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
6.23	6.25	55.9	1.79	20.1	
	~12	56.2	2.1	24.5	well dry

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

Comments:

Sampling Information

Date: 7/7/09 | Time Sampled: 11:10 AM | Field Personnel: RL Becken

Measured Water Level (TOR ft.): 41.3

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	55.7	8.71	1.65	9.72	

QA/QC Samples Taken:

Comments:

Signature

Sampler (Print): Richard C. Becken | *Sampler (signature):* [signature] | Date: 7/7/09

6

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

Monitoring Well ID: B-44	Date: 7/7/09	Time Started: 0845	Field Personnel: CDB RCB
Weather Conditions: overcast warm 65°			
Comments			

Initial Readings

Measured Well Bottom (TOR - ft) 84.45	River Pipe Diameter (in) 2			
Measured Water Level (TOR - ft) 23.6	Conversion Factor (gal/lineal ft)	1.25" = 0.08	2" = 0.17	3" = 0.38
Calculated Water Column Height (ft) 60.85	(Circle One)	4" = 0.88	6" = 1.50	8" = 2.60
One Well Volume (gals.) 10.34	~~Three~~ Five Well Volumes (gals.) 51.7			
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

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
10.34	~10	54.3	2.75	1000+	
	~20	55.4	2.89	1000+	
	23	54.8	2.98	168	Dry

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

Sampling Information

Date: 7/07/09	Time Sampled: 11:06 am	Field Personnel: RCB
Measured Water Level (TOR ft.): 20.91		

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-44	54.8	8.57	2.94	142	

QA/QC Samples Taken:
Comments:

Signature

Sampler (Print): Richard C. Becken Sampler (signature): Richard C Becken Date: 7/7/09

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

Monitoring Well ID: B-45	Date: 7/14/09	Time Started: 1210	Field Personnel: RC Becker
Weather Conditions: sunny warm			
Comments:			

Initial Readings

Measured Well Bottom (TOR - ft) 24.81	River Pipe Diameter (in) 2			
Measured Water Level (TOR - ft) 22.95	Conversion Factor (gal/lineal ft)	1.25" = 0.08	(2") = 0.17	3" = 0.38
Calculated Water Column Height (ft) 1.86	(Circle One)	4" = 0.88	6" = 1.50	8" = 2.60
One Well Volume (gals.) 0.3	Three Well Volumes (gals.) 5 1/2 1.5			
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

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
.3	~.3	55.2	2.11	744	well dry

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

Sampling Information

Date 7/14/09 Time Sampled: 1515 Field Personnel: RC Becker
Measured Water Level (TOR ft.): 23.01
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-45	51.3	6.78	1.99	596	

QA/QC Samples Taken:
Comments:

Signature

Sampler (Print): Richard C. Becken Sampler (signature): Richard C Becker Date: 7/14/09

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

Monitoring Well ID: B-46	Date: 7/14/09	Time Started: 1220	Field Personnel: RC Becken
Weather Conditions: sunny warm			
Comments			

Initial Readings

Measured Well Bottom (TOR - ft) 39.91	River Pipe Diameter (in) 2			
Measured Water Level (TOR - ft) 25.05	Conversion Factor (gal/lineal ft)	1.25" = 0.08	(2" = 0.17)	3" = 0.38
Calculated Water Column Height (ft) 14.86	(Circle One)	4" = 0.88	5" = 1.50	8" = 2.60
One Well Volume (gals.) 2.53	Three Well Volumes (gals.) 3V = 12.63			
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
2.53	~2.5	56.1	1.46	167	
	~5	53.9	1.24	10.28	
	~7.5	53.2	1.19	6.61	
	10	53.0	1.18	4.3	

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

Sampling Information

Date 7/14/09	Time Sampled: 1300	Field Personnel: RC Becken
Measured Water Level (TOR ft.): 24.88		

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-46	51.8	6.97	1.19	62.6	

QA/QC Samples Taken:
Comments:

Signature

Sampler (Print): Richard C. Becken | Sampler (signature): Richard C Becken | Date: 7/14/09

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

Monitoring Well ID: B-48	Date: 7/9/09	Time Started: 1305	Field Personnel: CDB
Weather Conditions: Sunny 75°			
Comments:			

Initial Readings

Measured Well Bottom (TOR - ft) 46.88	River Pipe Diameter (in) 2			
Measured Water Level (TOR - ft) 24.06	Conversion Factor (gal/lineal ft)	1.25" = 0.08	(2" = 0.17)	3" = 0.38
Calculated Water Column Height (ft) 22.82	(Circle One)	4" = 0.88	6" = 1.50	8" = 2.60
One Well Volume (gals.) 3.88	Three Well Volumes (gals.) 5V = 19.4			
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

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
3.88	~4	55.9	1.36	8.67	
	~8	53.4	1.41	7.72	
	~12	53.6	1.38	8.71	
	~16	52.9	1.28	11.3	

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

Sampling Information

Date: 7/9/09	Time Sampled: 1410	Field Personnel: RCB CDB
Measured Water Level (TOR ft.): 24.1		

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

Sample I.D.	Temperature (deg C)	pH	Specific Conductivity (mS/cm)	Turbidity (NTU's)	Comments
B-48	53.4	7.0	1.38	7.63	

QA/QC Samples Taken:
Comments:

Signature

Sampler (Print): Richard C. Becken Sampler (signature): Richard C Becken Date: 7/9/09

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

Monitoring Well ID: B-49	Date: 7/9/09	Time Started: 1310	Field Personnel: CDB RCB
Weather Conditions: sunny 75°			
Comments			

Initial Readings

Measured Well Bottom (TOR - ft) 82.43	River Pipe Diameter (in) 2			
Measured Water Level (TOR - ft) 31.55	Conversion Factor (gal/lineal ft)	1.25" = 0.08	~~2" = 0.17~~	3" = 0.38
Calculated Water Column Height (ft) ~~23~~ 50.88	(Circle One)	4" = 0.88	6" = 1.50	8" = 2.60
One Well Volume (gals.) ~~3.93~~ 8.65	Three Well Volumes (gals.) 3V = 43.2			
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

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
8.65	~9	54.5	3.13	5.61	
	~18	53.9	3.12	1.74	
	~27	54.4	3.10	1.35	
	~36	54.9	1.60	1.38	

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

Sampling Information

Date: 7/9/09	Time Sampled: 1435	Field Personnel: RCB	
Measured Water Level (TOR ft.): 36.15			

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

Sample I.D.	Temperature (deg C)	pH	Specific Conductivity (mS/cm)	Turbidity (NTU's)	Comments
B-49	55.2	7.21	3.00	56.5	

QA/QC Samples Taken:
Comments:

Signature

Sampler (Print): Richard C. Becken | Sampler (signature): Richard C. Becken | Date: 7/9/09

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

Monitoring Well ID: B-50	Date: 7/8/09	Time Started: 10:45	Field Personnel: CDB
Weather Conditions: sunny 70			
Comments:			

Initial Readings

Measured Well Bottom (TOR - ft) 35.78	River Pipe Diameter (in) 2			
Measured Water Level (TOR - ft) 13.48	Conversion Factor (gal/lineal ft)	1.25" = 0.08	(2" = 0.17)	3" = 0.38
Calculated Water Column Height (ft) 22.3	(Circle One)	4" = 0.88	6" = 1.50	8" = 2.60
One Well Volume (gals.) 3.79	Three Well Volumes (gals.) 5V = 18.95			
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
3.79	3.8	52.7	.99	17.3	
	7.6	52.9	.99	42.3	
	11.4	53.4	.98	48.5	
	15.2	53.5	.95	55.7	

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

Comments:

Sampling Information

Date: 7/09/09	Time Sampled: 1140	Field Personnel: CDB, + RCB
Measured Water Level (TOR ft.): 13.46		

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	Specific Conductivity (mS/cm)	Turbidity (NTU's)	Comments
B-50	52.6	6.94	1.01	47.8	

QA/QC Samples Taken:

Comments:

Signature

Sampler (Print): Richard C. Becken Sampler (signature): Richard C Becken Date: 7/9/09

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

Monitoring Well ID: B-~~5~~51	Date: 7/9/09	Time Started: ~~0~~ 1030	Field Personnel: CDB + RCB
Weather Conditions: sunny 65°			
Comments			

Initial Readings

Measured Well Bottom (TOR - ft) 65.43	River Pipe Diameter (in) 2			
Measured Water Level (TOR - ft) 7.82	Conversion Factor (gal/lineal ft)	1.25" = 0.08	(2" = 0.17)	3" = 0.38
Calculated Water Column Height (ft) 57.61	(Circle One)	4" = 0.88	6" = 1.50	8" = 2.60
One Well Volume (gals.) 9.79	Three Well Volumes (gals.) 48.96			
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
4.8	~10	53.8	1.56	2.14	
	~20	53.5	1.54	2.09	
	~30	53.5	1.52	1.48	
	~40	53.9	1.54	1.24	

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

Sampling Information

Date: 7/9/09	Time Sampled: 11:10	Field Personnel: RCB + CDB
Measured Water Level (TOR ft.): 16.67		

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-5T	55.9	6.90	1.60	16.5	

QA/QC Samples Taken:
Comments:

Signature

Sampler (Print): Richard C. Becken Sampler (signature): Richard C. Becken Date: 7/9/09

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

Monitoring Well ID: B-52	Date: 7/9/09	Time Started: 950	Field Personnel:
Weather Conditions: sunny 65°			
Comments:			

Initial Readings

Meaured Well Bottom (TOR - ft) 22.35	River Pipe Diameter (in) 2			
Measured Water Level (TOR - ft) 13.14	Conversion Factor (gal/lineal ft)	1.25" = 0.08	(2" = 0.17)	3" = 0.38
Calculated Water Column Height (ft) 9.21	(Circle One)	4" = 0.88	6" = 1.50	8" = 2.60
One Well Volume (gals.) 1.56	Three Well Volumes (gals.) 5V = 7.83			
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
1.56	~1.6	54.3	1.50	43.0	
	~3.2	53.5	1.36	20.6	
	~4.8	53.4	1.31	17.6	
	~6.4	53.1	1.31	11.6	

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

Sampling Information

Date 7/9/09	Time Sampled: 1000	Field Personnel:
Measured Water Level (TOR ft.): 13.17		

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-52	55.2	7.17	1.40	1000+	

QA/QC Samples Taken:
Comments:

Signature

Sampler (Print): Richard C. Becken *Sampler (signature):* Richard C Becken Date: 7/9/09

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

Monitoring Well ID: B-53	Date: 7/9/09	Time Started: 0845	Field Personnel: RCB + CDB
Weather Conditions: sunny 65°			
Comments			

Initial Readings

Measured Well Bottom (TOR - ft) 37.28	River Pipe Diameter (in) 2			
Measured Water Level (TOR - ft) 13.15	Conversion Factor (gal/lineal ft)	1.25" = 0.08	(2" = 0.17)	3" = 0.38
Calculated Water Column Height (ft) 24.13	(Circle One)	4" = 0.88	6" = 1.50	8" = 2.60
One Well Volume (gals.) 4.1	Three Well Volumes (gals.) 5V = 20.5			
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

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
4.1	4	56.4	0.96	26.9	
	8	57.8	1.14	14.5	
	12	53.1	1.01	5.34	
	16	52.7	1.02	2.15	

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

Sampling Information

Date: 7/9/09	Time Sampled: 0930	Field Personnel: CDB + RCB
Measured Water Level (TOR ft.): 13.14		

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-53	54.3	6.90	1.09	20.0	

QA/QC Samples Taken:
Comments:

Signature

Sampler (Print): Richard C. Becken Sampler (signature): Richard C Becken Date: 7/9/09

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

Monitoring Well ID: B-54	Date: 7/9/09	Time Started: ~~0815~~ 805	Field Personnel: RCB + CDB
Weather Conditions: Sunny 65°			
Comments:			

Initial Readings

Measured Well Bottom (TOR - ft) 57.41	River Pipe Diameter (in) 2			
Measured Water Level (TOR - ft) 13.1	Conversion Factor (gal/lineal ft)	1.25" = 0.08	2" = 0.17	3" = 0.38
Calculated Water Column Height (ft) 44.31	(Circle One)	4" = 0.88	6" = 1.50	8" = 2.60
One Well Volume (gals.) 7.53	Three Well Volumes (gals.) 5V = 37.66			
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
7.53	7.5	59.3	.96	55.1	
	15	53.4	1.62	703	well dry
	23				

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

Comments:

Sampling Information

Date: 7/9/09	Time Sampled: 1120	Field Personnel: CDB + RCB
Measured Water Level (TOR ft.): 53.95		

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	Specific Conductivity (mS/cm)	Turbidity (NTU's)	Comments
B-54	54.1	10.22	1.66	134	

QA/QC Samples Taken:

Comments:

Signature

Sampler (Print): Richard C. Becken Sampler (signature): Richard C Becken Date: 7/9/09

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

Monitoring Well ID: B-55	Date: 7/9/09	Time Started: 0840	Field Personnel: CDB - RCB
Weather Conditions: Sunny 65			
Comments:			

Initial Readings

Measured Well Bottom (TOR - ft) 82.59	River Pipe Diameter (in) 2			
Measured Water Level (TOR - ft) 27.9	Conversion Factor (gal/lineal ft)	1.25" = 0.08	(2" = 0.17)	3" = 0.38
Calculated Water Column Height (ft) 55.09	(Circle One)	4" = 0.88	6" = 1.50	8" = 2.60
One Well Volume (gals.) 9.36	Three Well Volumes (gals.) 5V= 46.8			
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

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
~~9.36~~ 9.36	9	56.1	4.05	21.4	
	18	57.7	4.10	44.5	WELL Dry

Water Level After Pumping (TOR ft) 76.05 | Calculated 95% Recovery Water Level:
Comments:

Sampling Information

Date 7/9/09	Time Sampled: 1915	Field Personnel: CDB - RCB
Measured Water Level (TOR ft.): 76.95		

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-55	56.1	7.01	4.01	18.3	

QA/QC Samples Taken.
Comments:

Signature

Sampler (Print): Richard C. Becken | Sampler (signature): Richard C Becken | Date: 7/9/09

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

Monitoring Well ID: B-56	Date: 7/15/09	Time Started: 0930	Field Personnel: RCB

Weather Conditions: sunny, warm

Comments:

Initial Readings

Measured Well Bottom (TOR - ft) 39.6	River Pipe Diameter (in) 2			
Measured Water Level (TOR - ft) 27.0	Conversion Factor (gal/lineal ft)	1.25" = 0.08	(2" = 0.17)	3" = 0.38
Calculated Water Column Height (ft) 12.6	(Circle One)	4" = 0.88	6" = 1.50	8" = 2.60
One Well Volume (gals.) 2.14	Three Well Volumes (gals.) 5(2.14) = 10.71			

Notes:

Well Conditions

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

Other:

Purge Information

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
2.14	~2.1	54.5	1.26	600	
	~4.2	53.6	1.16	340	
	~6.3	53.4	1.04	65	
	~8.4	53.9	1.02	11	

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

Comments:

Sampling Information

Date 7/15/09	Time Sampled: 1005	Field Personnel: RC Becken

Measured Water Level (TOR ft.): 26.94

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	Specific Conductivity (mS/cm)	Turbidity (NTU's)	Comments
B-56	54.5	6.53	1.04	37	

QA/QC Samples Taken: MS + MSD

Comments:

Signature

Sampler (Print): Richard C. Becken — Sampler (signature): RC Becken — Date: 7/15/09

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

Monitoring Well ID: B-57	Date: 7/15/09	Time Started: 1010	Field Personnel: RC Becker
Weather Conditions: Sunny warm			
Comments:			

Initial Readings

Measured Well Bottom (TOR - ft) 58.55	River Pipe Diameter (in) 2			
Measured Water Level (TOR - ft) 28.79	Conversion Factor (gal/lineal ft)	1.25" = 0.08	(2" = 0.17)	3" = 0.38
Calculated Water Column Height (ft) 21.76	(Circle One)	4" = 0.88	6" = 1.50	8" = 2.60
One Well Volume (gals.) 3.7	Three Well Volumes (gals.) 5V = 18.5			
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

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
3.7	~3.7	55.0	2.13	26	
	~7.	53.3	2.20	60	well dry

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

Sampling Information

Date 7/15/09 | Time Sampled: 12:00 | Field Personnel: RC Becker
Measured Water Level (TOR ft.): 44.41
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-57	53.5	7.71	2.03	20	

QA/QC Samples Taken:
Comments:

Signature

Sampler (Print): Richard C. Becken | *Sampler (signature):* RC Becker | Date: 7/15/09

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

Monitoring Well ID: B-58	Date: 7/15/09	Time Started: 1035	Field Personnel: RCB
Weather Conditions: sunny warm			
Comments:			

Initial Readings

Measured Well Bottom (TOR - ft) ~~63.62~~	River Pipe Diameter (in) 2			
Measured Water Level (TOR - ft) 25.95	Conversion Factor (gal/lineal ft)	1.25" = 0.08	2" = 0.17	3" = 0.38
Calculated Water Column Height (ft) 37.67	(Circle One)	4" = 0.88	5" = 1.50	8" = 2.60
One Well Volume (gals.) 6.4	Three Well Volumes (gals.) 5V = 32.0			
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
6.4	~6.5	53.4	1.40	10.0	
	~13	53.5	1.39	6.5	
	~19.5	53.1	1.40	4.0	
	~26	53.1	1.39	3.6	

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

Sampling Information

Date: 7/15/09	Time Sampled: 1140	Field Personnel: RC Becken
Measured Water Level (TOR ft.): 31.1		

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

Sample I.D.	Temperature (deg C)	pH	Specific Conductivity (mS/cm)	Turbidity (NTU's)	Comments
B-58	53.9	8.39	1.26	24	

QA/QC Samples Taken:
Comments:

Signature

Sampler (Print): Richard C. Becken Sampler (signature): RC Becken Date: 7/15/09

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

Monitoring Well ID: B-59	Date: 7/8/09	Time Started: 1300	Field Personnel: RCB CDB
Weather Conditions: sunny 70°			
Comments			

Initial Readings

Measured Well Bottom (TOR - ft) 69.5	River Pipe Diameter (in) 2			
Measured Water Level (TOR - ft) 30.81	Conversion Factor (gal/lineal ft)	1.25" = 0.08	2" = 0.17	3" = 0.38
Calculated Water Column Height (ft) 38.69	(Circle One)	4" = 0.88	6" = 1.50	8" = 2.60
One Well Volume (gals.) 6.58	Three Well Volumes (gals.) 5V = 32.9			
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

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
6.58	~6.5	53.9	2.21	20.5	
	~13	53.4	2.74	23.8	
	~19.5	53.7	2.90	18.0	
	~26	54.3	2.96	7.99	

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

Sampling Information

Date 7/8/09 Time Sampled: 143 Field Personnel: RCB CDB
Measured Water Level (TOR ft.): 51.5
Sampling Method: (Circle one): Stainless Steel Bailer; Peristaltic Pump; Sample Port (Pumping Wells Only)
Teflon Bailer; Polyethylene Bailer; Other:

Sample I.D.	Temperature (deg C)	pH	Specific Conductivity (mS/cm)	Turbidity (NTU's)	Comments
B-59	56.3	8.84	1.68	36.9	

QA/QC Samples Taken:
Comments:

Signature

Sampler (Print): Richard C. Becken Sampler (signature): Richard C Becken Date: 7/8/09

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

Monitoring Well ID: B-60	Date: 7/8/09	Time Started: 154	Field Personnel: CDB

Weather Conditions:

Comments

Initial Readings

Measured Well Bottom (TOR - ft) 55.02	River Pipe Diameter (in) 2"			
Measured Water Level (TOR - ft) 24.13	Conversion Factor (gal/lineal ft)	1.25" = 0.08	2" = 0.17	3" = 0.38
Calculated Water Column Height (ft) ~~33~~ 30.89	(Circle One)	4" = 0.88	6" = 1.50	8" = 2.60
One Well Volume (gals.) 5.25	Three Well Volumes (gals.) 5V = 26.3			

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: PHASE Pump

Well Volume	Gallons Purged (gal)	Temperature (deg C)	Specific Conductivity (mS/cm)	Turbidity (NTU's)	Comments
	5	53.9	2.35	18.1	
	10	53.9	2.46	10.43	
	15	52.7	2.19	6.0	
	20	55.3	2.05	2.41	

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

Comments

Sampling Information

Date 7/8/09	Time Sampled: 225	Field Personnel: CDB

Measured Water Level (TOR ft.): 34.11

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-60	54.4	9.37	1.46	33.9	

QA/QC Samples Taken:

Comments:

Signature

Sampler (Print): Richard C. Becken *Sampler (signature):* Date: 7/8/09

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

Monitoring Well ID: B-60	Date: 7/8/09	Time Started: 139	Field Personnel: RcB
Weather Conditions: sunny 75°			
Comments			

Initial Readings

Measured Well Bottom (TOR - ft) 41.5	River Pipe Diameter (in) 2			
Measured Water Level (TOR - ft) 23.68	Conversion Factor (gal/lineal ft)	1.25" = 0.08	(2" = 0.17)	3" = 0.38
Calculated Water Column Height (ft) 17.82	(Circle One)	4" = 0.88	6" = 1.50	8" = 2.60
One Well Volume (gals.) 3.02	Three Well Volumes (gals.) 5V: 15.15			
Notes:				

Well Conditions

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

Purge Information

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
	3	52.2	~~1.65~~ 1.17	89.2	
	6	51.6	1.17	140	
	9	51.4	1.26	108.6	
	12	51.6	1.24	81.3	

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

Sampling Information

Date 7/8/09	Time Sampled: 215	Field Personnel: CDB+ RCB
Measured Water Level (TOR ft.): 23.65		

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-61	54.3	8.86	1.27	68.2	

QA/QC Samples Taken.
Comments:

Signature

Sampler (Print): Richard C. Becken — *Sampler (signature):* — Date: 7/8/09

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

Monitoring Well ID: B-62	Date: 7/8/09	Time Started: 0850	Field Personnel: CDB + RCB
Weather Conditions: Sunny 65°			
Comments			

Initial Readings

Measured Well Bottom (TOR - ft) 91.46	River Pipe Diameter (in) 2			
Measured Water Level (TOR - ft) 9.2	Conversion Factor (gal/lineal ft)	1.25" = 0.08	2" = 0.17	3" = 0.38
Calculated Water Column Height (ft) 82.26	(Circle One)	4" = 0.88	6" = 1.50	8" = 2.60
One Well Volume (gals.) 13.98	Three Well Volumes (gals.) 5V = 69.9			
Notes:				

Well Conditions

Well Riser Type (Circle one):		(Stainless Steel)	Carbon Steel / PVC
Casing Condition:	(OK)	Repair Required: rusted	
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
13.98	~14	54.1	3.28	16	
	~28	55.2	3.28	3.58	
	~42	54.2	3.31	0.91	
	~56	52.3	3.40	5.66	

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

Comments:

Sampling Information

Date 7/8/09	Time Sampled: 1100	Field Personnel: CDB + RCB	
Measured Water Level (TOR ft.): 9.23			

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	Specific Conductivity (mS/cm)	Turbidity (NTU's)	Comments
B-62	54.7	8.48	3.51	20.5	

QA/QC Samples Taken:

Comments:

Signature

Sampler (Print): Richard C. Becken *Sampler (signature):* Richard C Becken Date: 7/8/09

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

Monitoring Well ID: B-63	Date: 7/8/09	Time Started: 0855	Field Personnel: RCB + CDB
Weather Conditions: Sunny 65°			
Comments			

Initial Readings

Measured Well Bottom (TOR - ft) 27.29	River Pipe Diameter (in) 2			
Measured Water Level (TOR - ft) 21.9	Conversion Factor (gal/lineal ft)	1.25" = 0.08	(2") = 0.17	3" = 0.38
Calculated Water Column Height (ft) 5.39	(Circle One)	4" = 0.88	6" = 1.50	8" = 2.60
One Well Volume (gals.) 0.92	Three Well Volumes (gals.) 5V = 4.6			
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

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

Well Volume	Gallons Purged (gal)	Temperature (deg C)	Specific Conductivity (mS/cm)	Turbidity (NTU's)	Comments
.92	~1	54.5	1.63	1000+	
	~2	51.2	1.55	833	
	~3	50.4	1.46	484	
	~4	50.5	1.46	280	

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

Sampling Information

Date: 7/8/09 Time Sampled: 917 Field Personnel: RC Becken
Measured Water Level (TOR ft.): 22.4
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-63	51.4	6.16	1.42	185	

QA/QC Samples Taken:
Comments:

Signature

Sampler (Print): Richard C. Becken Sampler (signature): Date: 7/8/09

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

Monitoring Well ID: B-64	Date: 7/8/09	Time Started: 9:30	Field Personnel: CDB + RCB
Weather Conditions: Sunny 65°			
Comments			

Initial Readings

Measured Well Bottom (TOR - ft) 42.4	River Pipe Diameter (in) 2"			
Measured Water Level (TOR - ft) 22.06	Conversion Factor (gal/lineal ft)	1.25" = 0.08	(2" = 0.17)	3" = 0.38
Calculated Water Column Height (ft) 20.34	(Circle One)	4" = 0.88	6" = 1.50	8" = 2.60
One Well Volume (gals.) 3.45	Three Well Volumes (gals.) 3V = 17.28			
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
	3	51.8	0.99	12.0	
	6	51.4	0.85	2.12	
	9	53.8	0.86	31.5	
	12	51.3	0.95	52.8	

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

Sampling Information

Date: 7/8/09	Time Sampled: 9:53	Field Personnel: RCB + CDB
Measured Water Level (TOR ft.): 22.06		

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	Specific Conductivity (mS/cm)	Turbidity (NTU's)	Comments
B-64	51.3	7.93	0.84	46.6	

QA/QC Samples Taken:

Comments:

Signature

Sampler (Print): Richard C. Becken — *Sampler (signature):* [signature] — Date: 7/8/09

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

Monitoring Well ID: B-65	Date: 7/8/09	Time Started: 945	Field Personnel: RCB + CDB
Weather Conditions: Sunny 65°			
Comments			

Initial Readings

Measured Well Bottom (TOR - ft) 57.55	River Pipe Diameter (in) 2"			
Measured Water Level (TOR - ft) 22.33	Conversion Factor (gal/lineal ft)	1.25" = 0.08	2" = 0.17	3" = 0.38
Calculated Water Column Height (ft) 35.22	(Circle One)	4" = 0.88	6" = 1.50	8" = 2.60
One Well Volume (gals.) 5.98	Three Well Volumes (gals.) 5v= 29.9			
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

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

Well Volume	Gallons Purged (gal)	Temperature (deg C)	Specific Conductivity (mS/cm)	Turbidity (NTU's)	Comments
	6	52.8	2.69	2.25	
	12	51.8	2.56	1.42	
	18	51.9	2.64	2.20	
	24	52.4	2.68	1.37	

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

Sampling Information

Date: 7/8/09	Time Sampled: 1019	Field Personnel: CDB
Measured Water Level (TOR ft.): 24.65		

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-65	52.8	8.96	1.90	37.4	

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

Signature

Sampler (Print): Richard C. Becken Sampler (signature): Date: 7/8/09

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

Monitoring Well ID: B-66	Date: 7/8/09	Time Started: 1110	Field Personnel: RC & CDB
Weather Conditions: Sunny 70°			
Comments			

Initial Readings

Measured Well Bottom (TOR - ft) 32.36	River Pipe Diameter (in) 2			
Measured Water Level (TOR - ft) 23.45	Conversion Factor (gal/lineal ft)	1.25" = 0.08	(2" = 0.17)	3" = 0.38
Calculated Water Column Height (ft) 8.91	(Circle One)	4" = 0.88	6" = 1.50	8" = 2.60
One Well Volume (gals.) 1.51	Three Well Volumes (gals.) 5V = 7.57			
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
1.51	1.5	51.6	.167	112	
	3.0	51.1	.187	67.4	
	4.5	51.1	.190	40.3	

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

Sampling Information

Date 7/8/09	Time Sampled: 1135	Field Personnel: CDB	
Measured Water Level (TOR ft.): 23.5			

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-66~~	~~54.0~~	~~8.85~~	~~0.94~~	~~42~~	
B-66	54.0	8.85	0.94	42	

QA/QC Samples Taken:
Comments:

Signature

Sampler (Print): Richard C. Becken Sampler (signature): Richard C. Becken Date: 7/8/09

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

Monitoring Well ID: B-67	Date: 7/8/09	Time Started: 1110	Field Personnel: KC Becken CDG
Weather Conditions: Sunny 70°			
Comments			

Initial Readings

Measured Well Bottom (TOR - ft) 25.15	River Pipe Diameter (in) 2			
Measured Water Level (TOR - ft) 18.85	Conversion Factor (gal/lineal ft)	1.25" = 0.08	(2" = 0.17)	3" = 0.38
Calculated Water Column Height (ft) 6.3	(Circle One)	4" = 0.88	6" = 1.50	8" = 2.60
One Well Volume (gals.) 1.07	Three Well Volumes (gals.) 5V = 5.3			
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:

Well Volume	Gallons Purged (gal)	Temperature (deg C)	Specific Conductivity (mS/cm)	Turbidity (NTU's)	Comments
1.07	1.00	54.9	1.15	100	
	2.00	52.6	0.99	72	
	3.00	51.1	0.97	90	
	4.0	50.7	1.01	69.1	

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

Sampling Information

Date 7/8/09	Time Sampled: 1130	Field Personnel: RCB
Measured Water Level (TOR ft.): 22.3		

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-67	52.8	8.8	1.0	65.8	

QA/QC Samples Taken:
Comments:

Signature

Sampler (Print): Richard C. Becken — Sampler (signature): [signature] — Date: 7/8/09

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

Monitoring Well ID: P-2	Date: 7/13/09	Time Started: 1325	Field Personnel: RCB
Weather Conditions: sunny warm windy			
Comments:			

Initial Readings

Measured Well Bottom (TOR - ft)	River Pipe Diameter (in) 8			
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.)			
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

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

Sampling Information

Date: 7/13/09	Time Sampled: 1325	Field Personnel: R C Becken
Measured Water Level (TOR ft.): 21.4		

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

Sample I.D.	Temperature (deg C)	pH	Specific Conductivity (mS/cm)	Turbidity (NTU's)	Comments
P-2	65.1	7.19	1.34	34.7	

QA/QC Samples Taken: MS + MSD
Comments:

Signature

Sampler (Print): Richard C. Becken Sampler (signature): R C Becken Date: 7/13/09

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

Monitoring Well ID: P-3	Date: 7/8/09	Time Started: 1505	Field Personnel: CDB
Weather Conditions: sunny 80°			
Comments:			

Initial Readings

Measured Well Bottom (TOR - ft) 33.5	River Pipe Diameter (in) 8			
Measured Water Level (TOR - ft) 27.92	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.)			
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

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

Sampling Information

Date: 7/8/09	Time Sampled: 1505	Field Personnel: CDB
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	Specific Conductivity (mS/cm)	Turbidity (NTU's)	Comments
P-3	56.5	8.09	1.96	6.72	

QA/QC Samples Taken: MS + MSD
Comments:

Signature

Sampler (Print): Richard C. Becken | *Sampler (signature):* RC Becken | Date: 7/8/09

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

Monitoring Well ID: P-4	Date: 7/9/09	Time Started: 1415	Field Personnel: CDB
Weather Conditions: Sunny 75°			
Comments:			

Initial Readings

Measured Well Bottom (TOR - ft)	River Pipe Diameter (in) 8			
Measured Water Level (TOR - ft) 25.8	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.)			
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

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

Sampling Information

Date 7/9/09 | Time Sampled: 1415 | Field Personnel: CDB
Measured Water Level (TOR ft.): 25.8
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
P-4	54.6	7.57	0.70	2.21	

QA/QC Samples Taken:
Comments:

Signature

Sampler (Print): Richard C. Becken | Sampler (signature): Richard C Becken | Date: 7/9/09

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

Monitoring Well ID: PW-1	Date: 7/7/09	Time Started: 10 25	Field Personnel: RCB
Weather Conditions: overcast 65°			
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.)			
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

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

Sampling Information

Date: 7/7/09	Time Sampled: 10 24	Field Personnel:
Measured Water Level (TOR ft.): 28.2		

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

Sample I.D.	Temperature (deg C)	pH	Specific Conductivity (mS/cm)	Turbidity (NTU's)	Comments
PW-1	56.3	8.99	1.23	2	

QA/QC Samples Taken:
Comments:

Signature

Sampler (Print): Richard C. Becken | *Sampler (signature):* [signature] | Date: 7/7/09

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

Monitoring Well ID: PW-3	Date: 7/7/09	Time Started: 1210	Field Personnel: RCB + CDB
Weather Conditions: overcast			
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.)			
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 Baller; 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: 7/7/09	Time Sampled: 1210	Field Personnel: CDB
Measured Water Level (TOR ft.): 11.71		

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	54.9	9.61	1.35	13.8	

QA/QC Samples Taken:
Comments:

Signature

Sampler (Print): Richard C. Becken *Sampler (signature):* Richard C Becken Date: 7/7/09

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

Monitoring Well ID: PW-4	Date: 7/13/09	Time Started: 1400	Field Personnel: R C Becker
Weather Conditions: Sunny Warm Windy			
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.)			
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

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

Sampling Information

Date: 7/13/09	Time Sampled: 1400	Field Personnel: R C Becker
Measured Water Level (TOR ft.): 20.7		

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

Sample I.D.	Temperature (deg C)	pH	Specific Conductivity (mS/cm)	Turbidity (NTU's)	Comments
PW-4	55.9	7.24	0.88	2.71	

QA/QC Samples Taken: Field Dup #4
Comments:

Signature

Sampler (Print): Richard C. Becken | Sampler (signature): Richard C Becker | Date: 7/13/09

APPENDIX B

LABORATORY DATA REPORTS

Lancaster Laboratories

Case Narrative

Project Name: BP Sanborn
LLI Group #: 1152788

General Comments:

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

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

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

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: 5719612, 5719613, 5719614, 5719615, 5719616, 5719617, 5719618, 5719619, 5719620, 5719621, 5719622, 5719623, 5719624, 5719625, 5719626, 5719627, 5719628

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

12495 | 1152788 | 57P612-28

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Laboratory Management Program LaMP Chain of Custody Record

192703

Page 1 of 2

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 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: 44483.01035
Lab PM: Jessica OKnefski	Lead Regulatory Agency: NYSDEC	Address: 40 LaRiviere Dr. Suite 350, Buffalo, NY 14202
Lab Phone: (717) 656 - 2300 x1815	California Global ID No.:	Consultant/Contractor PM: George Hermance
Lab Shipping Acct:	Enfos Proposal No: 001 B0-0126	Phone: (716) 407-4990
Lab Bottle Order No: 78133	Accounting Mode: Provision ✓ OOC-BU ___ OOC-RM ___	Email EDD To: Lorraine Weber
Other Info:	Stage: 57 Activity: 21 per E.F. GRU 7/10/09	Invoice To: BP/ARC ✓ Contractor ___
BP/ARC EBM: William Barber		
EBM Phone: (216) 271-8038		
EBM Email: Barberwb@BP.com		

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 / Comments
	Field Dup #2	7/8/09			X		3	X					X	
	B-7	7/8/09	0813		X		3	X					X	
	B-66	7/8/09	1135		X		3	X					X	
	B-67	7/8/09	1130		X		3	X					X	
	B-62	7/8/09	1100		X		3	X					X	
	B-16	7/8/09	1100		X		3	X					X	
	B-65	7/8/09	1019		X		3	X					X	
	B-64	7/8/09	0953		X		3	X					X	
	B-63	7/8/09	0917		X		3	X					X	
	B-3	7/8/09	1520		X		3	X					X	

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

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

Sampler's Name: Richard C Barker	Relinquished By / Affiliation	Date	Time	Accepted By / Affiliation	Date	Time
Sampler's Company: O'Hill Enterprises Inc.	Richard C Barker					
Shipment Method: Fed Ex Ship Date: 7/8/09						
Shipment Tracking No: 868873625646				LCJ	7/9/09	910

Special Instructions:

THIS LINE - LAB USE ONLY: Custody Seals In Place (Yes) No | Temp Blank (Yes) No | Cooler Temp on Receipt: 4.4°C °F (C) | Trip Blank (Yes) No | MS/MSD Sample Submitted (Yes) No

12495 | 1152788 | 5719612-28

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Laboratory Management Program LaMP Chain of Custody Record

192702

Page 2 of 2

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

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

Lab Name: Lancaster Labs	BP/ARC Facility Address: 2646 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 Oknefski	Lead Regulatory Agency: NYSDEC	Address: 40 Lakeview Dr. Suite 350 Buffalo, NY 14202
Lab Phone: (717) 656-2300 x 1815	California Global ID No.:	Consultant/Contractor PM: George Hermance
Lab Shipping Accnt:	Enfos Proposal No: 001 QD-0126	Phone: (716) 407-4990
Lab Bottle Order No: 78133	Accounting Mode: Provision X OOC-BU ___ OOC-RM ___	Email EDD To: Lorraine.W.Oberg
Other Info:	Stage: Activity:	Invoice To: BP/ARC ✓ Contractor ___

BP/ARC EBM: William Barber

EBM Phone: (216) 271-8038

EBM Email: BarberWB@BP.com

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
	~~B-27 *~~	7/8/09	1515		X		3	X					X	*Discard B-27 per E.F. 7/10/09
	P-3	7/8/09	1505		X		3	X					X	
	P-3 MS	7/8/09	1505		X		3	X					X	
	P-3 MSD	7/8/09	1505		X		3	X					X	
	B-60	7/8/09	1425		X		3	X					X	
	B-61	7/8/09	1415		X		3	X					X	
	B-59	7/8/09	1343		X		3	X					X	
	B-15	7/8/09	1330		X		3	X					X	

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

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

Sampler's Name: Richard C Becker	Relinquished By / Affiliation	Date	Time	Accepted By / Affiliation	Date	Time
Sampler's Company: D+M Enterprises, Inc.	Richard C Becker	7/8/09				
Shipment Method: Fed Ex Ship Date: 7/8/09						
Shipment Tracking No: 868873625646				LLI	7/9/09	910

Special Instructions:

THIS LINE - LAB USE ONLY: Custody Seals In Place: (Yes) / No | Temp Blank (Yes) / No | Cooler Temp on Receipt: 4.4°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: 7/9/09

Time of Receipt: 910

Source Code: 30-1

Unpacker Emp. No.: 2316

Shipping Container Sealed: (YES) NO

Custody Seal Present * : (YES) NO

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

Package: (Chilled) Not Chilled

Temperature of Shipping Containers							
Cooler #	Thermometer ID	Temperature (°C)	Temp Bottle (TB) or Surface Temp (ST)	Wet Ice (WI) or Dry Ice (DI) or Ice Packs (IP)	Ice Present? Y/N	Loose (L) Bagged Ice (B) or NA	Comments
1	012553	4.4°C	TB	WI	Y	B	
2							
3							
4							
5							
6							

Number of Trip Blanks received NOT listed on chain of custody: 0

Paperwork Discrepancy/Unpacking Problems:

-Received 5 broken vials - Extra Dup #2x2, B-16 @1100 x2, on B-7@13 x1. Enough volume for analysis. Client informed. JMO 7/10/09

Sample Administration Internal Chain of Custody			
Name	Date	Time	Reason for Transfer
	7/9/09	1435	Unpacking for storage
	7/9/09	1521	Place in Storage or (Entry)
			Entry
			Entry

Lancaster Laboratories

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

July 16, 2009

SAMPLE GROUP

The sample group for this submittal is 1152788. Samples arrived at the laboratory on Thursday, July 09, 2009. The PO# for this group is 001Q0-0126 and the release number is BARBER.

Client Description	Lancaster Labs Number
Field Dup #2 Water	5719612
B-7 Water	5719613
B-66 Water	5719614
B-67 Water	5719615
B-62 Water	5719616
B-16 Water	5719617
B-65 Water	5719618
B-64 Water	5719619
B-63 Water	5719620
B-3 Water	5719621
P-3 Water	5719622
P-3 Matrix Spike Water	5719623
P-3 Matrix Spike Dup Water	5719624
B-60 Water	5719625
B-61 Water	5719626
B-59 Water	5719627
B-15 Water	5719628

METHODOLOGY

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

Lancaster Laboratories
2425 New Holland Pike • Lancaster, PA 17601

Explanation of Symbols and Abbreviations

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

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

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

> greater than

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

ppm parts per million - One ppm is equivalent to one milligram per kilogram (mg/kg), or one gram per million grams. For aqueous liquids, ppm is usually taken to be equivalent to milligrams per liter (mg/l), because one liter of water has a weight very close to a kilogram. For gases or vapors, one ppm is equivalent to one microliter of gas per liter of gas.

ppb parts per billion

Dry weight basis Results printed under this heading have been adjusted for moisture content. This increases the analyte weight concentration to approximate the value present in a similar sample without moisture. All other results are reported on an as-received basis.

U.S. EPA CLP Data Qualifiers:

Organic Qualifiers

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

Inorganic Qualifiers

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

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Analysis Report

Lancaster Laboratories

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

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

Respectfully Submitted,

Robin C. Runkle
Senior Specialist

Lancaster Laboratories, Inc.
2425 New Holland Pike
PO Box 12425
Lancaster, PA 17605-2425
717-656-2300 Fax: 717-656-2681

Lancaster Laboratories
2425 New Holland Pike • Lancaster, PA 17601

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umhos/cm	micromhos/cm	**ng**	nanogram(s)
C	degrees Celsius	**F**	degrees Fahrenheit
meq	milliequivalents	**lb.**	pound(s)
g	gram(s)	**kg**	kilogram(s)
ug	microgram(s)	**mg**	milligram(s)
ml	milliliter(s)	**l**	liter(s)
m3	cubic meter(s)	**ul**	microliter(s)

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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.

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Lancaster Laboratories

Lancaster Laboratories Sample No. WW 5719612

Group No. 1152788
NY

Field Dup #2 Water
BP Sanborn COC: 192703
2040 Cory Dr - Sanborn, NY FD #2

Collected: 07/08/2009 by RCB

Account Number: 12495

Submitted: 07/09/2009 09:10
Reported: 07/16/2009 at 17:26
Discard: 08/16/2009

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

20CD2

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit*	As Received Limit of Quantitation	Dilution Factor
SW-846 8260B	GC/MS Volatiles		ug/l	ug/l	ug/l	
00310	Benzyl Chloride	100-44-7	N.D.	1.0	5.0	1
00310	Bromobenzene	108-86-1	N.D.	1.0	5.0	1
06886	Bromodichloromethane	75-27-4	N.D.	1.0	5.0	1
06886	Bromoform	75-25-2	N.D.	1.0	5.0	1
06886	Bromomethane	74-83-9	N.D.	1.0	5.0	1
06886	Carbon Tetrachloride	56-23-5	N.D.	1.0	5.0	1
06886	Chlorobenzene	108-90-7	N.D.	0.80	5.0	1
06886	Chloroethane	75-00-3	N.D.	1.0	5.0	1
00310	2-Chloroethyl Vinyl Ether	110-75-8	N.D.	2.0	10	1
	2-Chloroethyl vinyl ether may not be recovered if acid was used to preserve this sample.					
06886	Chloroform	67-66-3	N.D.	0.80	5.0	1
06886	Chloromethane	74-87-3	N.D.	1.0	5.0	1
06886	Dibromochloromethane	124-48-1	N.D.	1.0	5.0	1
06886	Dibromomethane	74-95-3	N.D.	1.0	5.0	1
00310	1,2-Dichlorobenzene	95-50-1	N.D.	1.0	5.0	1
00310	1,3-Dichlorobenzene	541-73-1	N.D.	1.0	5.0	1
00310	1,4-Dichlorobenzene	106-46-7	N.D.	1.0	5.0	1
06886	Dichlorodifluoromethane	75-71-8	N.D.	2.0	5.0	1
06886	1,1-Dichloroethane	75-34-3	N.D.	1.0	5.0	1
06886	1,2-Dichloroethane	107-06-2	N.D.	1.0	5.0	1
06886	1,1-Dichloroethene	75-35-4	N.D.	0.80	5.0	1
06886	cis-1,2-Dichloroethene	156-59-2	N.D.	0.80	5.0	1
06886	trans-1,2-Dichloroethene	156-60-5	N.D.	0.80	5.0	1
06886	1,2-Dichloropropane	78-87-5	N.D.	1.0	5.0	1
06886	cis-1,3-Dichloropropene	10061-01-5	N.D.	1.0	5.0	1
06886	trans-1,3-Dichloropropene	10061-02-6	N.D.	1.0	5.0	1
06886	Methylene Chloride	75-09-2	N.D.	2.0	5.0	1
06886	1,1,1,2-Tetrachloroethane	630-20-6	N.D.	1.0	5.0	1
06886	1,1,2,2-Tetrachloroethane	79-34-5	N.D.	1.0	5.0	1
06886	Tetrachloroethene	127-18-4	N.D.	0.80	5.0	1
06886	1,1,1-Trichloroethane	71-55-6	N.D.	0.80	5.0	1
06886	1,1,2-Trichloroethane	79-00-5	N.D.	0.80	5.0	1
06886	Trichloroethene	79-01-6	N.D.	1.0	5.0	1
06886	Trichlorofluoromethane	75-69-4	N.D.	2.0	5.0	1
06886	1,2,3-Trichloropropane	96-18-4	N.D.	1.0	5.0	1
06886	Vinyl Chloride	75-01-4	N.D.	1.0	5.0	1

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

General Sample Comments

State of New York Certification No. 10670

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

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

Lancaster Laboratories
2425 New Holland Pike • Lancaster, PA 17601

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C	degrees Celsius	F	degrees Fahrenheit
meq	milliequivalents	lb.	pound(s)
g	gram(s)	kg	kilogram(s)
ug	microgram(s)	mg	milligram(s)
ml	milliliter(s)	l	liter(s)
m3	cubic meter(s)	ul	microliter(s)

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

ppm parts per million - One ppm is equivalent to one milligram per kilogram (mg/kg), or one gram per million grams. For aqueous liquids, ppm is usually taken to be equivalent to milligrams per liter (mg/l), because one liter of water has a weight very close to a kilogram. For gases or vapors, one ppm is equivalent to one microliter of gas per liter of gas.

ppb parts per billion

Dry weight basis Results printed under this heading have been adjusted for moisture content. This increases the analyte weight concentration to approximate the value present in a similar sample without moisture. All other results are reported on an as-received basis.

U.S. EPA CLP Data Qualifiers:

Organic Qualifiers		Inorganic Qualifiers	
A	TIC is a possible aldol-condensation product	B	Value is <CRDL, but ≥IDL
B	Analyte was also detected in the blank	E	Estimated due to interference
C	Pesticide result confirmed by GC/MS	M	Duplicate injection precision not met
D	Compound quantitated on a diluted sample	N	Spike sample not within control limits
E	Concentration exceeds the calibration range of the instrument	S	Method of standard additions (MSA) used for calculation
N	Presumptive evidence of a compound (TICs only)	U	Compound was not detected
P	Concentration difference between primary and confirmation columns >25%	W	Post digestion spike out of control limits
U	Compound was not detected	*	Duplicate analysis not within control limits
X,Y,Z	Defined in case narrative	+	Correlation coefficient for MSA <0.995

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Lancaster Laboratories

Lancaster Laboratories Sample No. WW 5719612

Group No. 1152788
NY

Field Dup #2 Water
BP Sanborn COC: 192703
2040 Cory Dr - Sanborn, NY FD #2

Collected: 07/08/2009 by RCB

Account Number: 12495

Submitted: 07/09/2009 09:10
Reported: 07/16/2009 at 17:26
Discard: 08/16/2009

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

20CD2

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
06886	Appendix IX by 8260 - water	SW-846 8260B	1	Y091951AA	07/14/2009 03:21	Matthew S Woods	1
00310	8260B water special scan	SW-846 8260B	1	Y091951AA	07/14/2009 03:21	Matthew S Woods	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	Y091951AA	07/14/2009 03:21	Matthew S Woods	1

Lancaster Laboratories
2425 New Holland Pike • Lancaster, PA 17601

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RL	Reporting Limit	BMQL	Below Minimum Quantitation Level
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IU	International Units	NTU	nephelometric turbidity units
umhos/cm	micromhos/cm	ng	nanogram(s)
C	degrees Celsius	F	degrees Fahrenheit
meq	milliequivalents	lb.	pound(s)
g	gram(s)	kg	kilogram(s)
ug	microgram(s)	mg	milligram(s)
ml	milliliter(s)	l	liter(s)
m3	cubic meter(s)	ul	microliter(s)

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

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ppb parts per billion

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U	Compound was not detected
X,Y,Z	Defined in case narrative

Inorganic Qualifiers

B	Value is <CRDL, but ≥IDL
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M	Duplicate injection precision not met
N	Spike sample not within control limits
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Lancaster Laboratories

Lancaster Laboratories Sample No. WW 5719613

Group No. 1152788
NY

B-7 Water
BP Sanborn COC: 192703
2040 Cory Dr - Sanborn, NY B-7

Collected: 07/08/2009 08:13 by RCB

Account Number: 12495

Submitted: 07/09/2009 09:10
Reported: 07/16/2009 at 17:26
Discard: 08/16/2009

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

20C07

CAT No.	Analysis Name	CAS Number	As Received Result		As Received Method Detection Limit*	As Received Limit of Quantitation	Dilution Factor
SW-846 8260B	GC/MS Volatiles		ug/l		ug/l	ug/l	
00310	Benzyl Chloride	100-44-7	N.D.		1.0	5.0	1
00310	Bromobenzene	108-86-1	N.D.		1.0	5.0	1
06886	Bromodichloromethane	75-27-4	N.D.		1.0	5.0	1
06886	Bromoform	75-25-2	N.D.		1.0	5.0	1
06886	Bromomethane	74-83-9	N.D.		1.0	5.0	1
06886	Carbon Tetrachloride	56-23-5	N.D.		1.0	5.0	1
06886	Chlorobenzene	108-90-7	N.D.		0.80	5.0	1
06886	Chloroethane	75-00-3	N.D.		1.0	5.0	1
00310	2-Chloroethyl Vinyl Ether	110-75-8	N.D.		2.0	10	1
	2-Chloroethyl vinyl ether may not be recovered if acid was used to preserve this sample.						
06886	Chloroform	67-66-3	N.D.		0.80	5.0	1
06886	Chloromethane	74-87-3	N.D.		1.0	5.0	1
06886	Dibromochloromethane	124-48-1	N.D.		1.0	5.0	1
06886	Dibromomethane	74-95-3	N.D.		1.0	5.0	1
00310	1,2-Dichlorobenzene	95-50-1	N.D.		1.0	5.0	1
00310	1,3-Dichlorobenzene	541-73-1	N.D.		1.0	5.0	1
00310	1,4-Dichlorobenzene	106-46-7	N.D.		1.0	5.0	1
06886	Dichlorodifluoromethane	75-71-8	N.D.		2.0	5.0	1
06886	1,1-Dichloroethane	75-34-3	N.D.		1.0	5.0	1
06886	1,2-Dichloroethane	107-06-2	N.D.		1.0	5.0	1
06886	1,1-Dichloroethene	75-35-4	N.D.		0.80	5.0	1
06886	cis-1,2-Dichloroethene	156-59-2	1.5	J	0.80	5.0	1
06886	trans-1,2-Dichloroethene	156-60-5	N.D.		0.80	5.0	1
06886	1,2-Dichloropropane	78-87-5	N.D.		1.0	5.0	1
06886	cis-1,3-Dichloropropene	10061-01-5	N.D.		1.0	5.0	1
06886	trans-1,3-Dichloropropene	10061-02-6	N.D.		1.0	5.0	1
06886	Methylene Chloride	75-09-2	N.D.		2.0	5.0	1
06886	1,1,1,2-Tetrachloroethane	630-20-6	N.D.		1.0	5.0	1
06886	1,1,2,2-Tetrachloroethane	79-34-5	N.D.		1.0	5.0	1
06886	Tetrachloroethene	127-18-4	N.D.		0.80	5.0	1
06886	1,1,1-Trichloroethane	71-55-6	N.D.		0.80	5.0	1
06886	1,1,2-Trichloroethane	79-00-5	N.D.		0.80	5.0	1
06886	Trichloroethene	79-01-6	4.9	J	1.0	5.0	1
06886	Trichlorofluoromethane	75-69-4	N.D.		2.0	5.0	1
06886	1,2,3-Trichloropropane	96-18-4	N.D.		1.0	5.0	1
06886	Vinyl Chloride	75-01-4	N.D.		1.0	5.0	1

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

General Sample Comments

State of New York Certification No. 10670

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Lancaster Laboratories, Inc.
2425 New Holland Pike
PO Box 12425
Lancaster, PA 17605-2425
717-656-2300 Fax: 717-65

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Lancaster Laboratories
2425 New Holland Pike • Lancaster, PA 17601

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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.

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

Tests results relate only to the sample tested. Clients should be aware that a critical step in a chemical or microbiological analysis is the collection of the sample. Unless the sample analyzed is truly representative of the bulk of material involved, the test results will be meaningless. If you have questions regarding the proper techniques of collecting samples, please contact us. We cannot be held responsible for sample integrity, however, unless sampling has been performed by a member of our staff. This report shall not be reproduced except in full, without the written approval of the laboratory.

Lancaster Laboratories

Lancaster Laboratories Sample No. WW 5719613

Group No. 1152788
NY

B-7 Water
BP Sanborn COC: 192703
2040 Cory Dr - Sanborn, NY B-7

Collected: 07/08/2009 08:13 by RCB

Account Number: 12495

Submitted: 07/09/2009 09:10
Reported: 07/16/2009 at 17:26
Discard: 08/16/2009

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

20C07

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
06886	Appendix IX by 8260 - water	SW-846 8260B	1	Y091951AA	07/14/2009 03:42	Matthew S Woods	1
00310	8260B water special scan	SW-846 8260B	1	Y091951AA	07/14/2009 03:42	Matthew S Woods	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	Y091951AA	07/14/2009 03:42	Matthew S Woods	1

Lancaster Laboratories
2425 New Holland Pike • Lancaster, PA 17601

Explanation of Symbols and Abbreviations

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

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

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

> greater than

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

ppm parts per million - One ppm is equivalent to one milligram per kilogram (mg/kg), or one gram per million grams. For aqueous liquids, ppm is usually taken to be equivalent to milligrams per liter (mg/l), because one liter of water has a weight very close to a kilogram. For gases or vapors, one ppm is equivalent to one microliter of gas per liter of gas.

ppb parts per billion

Dry weight basis Results printed under this heading have been adjusted for moisture content. This increases the analyte weight concentration to approximate the value present in a similar sample without moisture. All other results are reported on an as-received basis.

U.S. EPA CLP Data Qualifiers:

Organic Qualifiers

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

Inorganic Qualifiers

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

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Lancaster Laboratories

Lancaster Laboratories Sample No. WW 5719614

Group No. 1152788
NY

B-66 Water
BP Sanborn COC: 192703
2040 Cory Dr - Sanborn, NY B-66

Collected: 07/08/2009 11:35 by RCB

Account Number: 12495

Submitted: 07/09/2009 09:10
Reported: 07/16/2009 at 17:26
Discard: 08/16/2009

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

20C66

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit*	As Received Limit of Quantitation	Dilution Factor
SW-846 8260B	GC/MS Volatiles		ug/l	ug/l	ug/l	
00310	Benzyl Chloride	100-44-7	N.D.	1.0	5.0	1
00310	Bromobenzene	108-86-1	N.D.	1.0	5.0	1
06886	Bromodichloromethane	75-27-4	N.D.	1.0	5.0	1
06886	Bromoform	75-25-2	N.D.	1.0	5.0	1
06886	Bromomethane	74-83-9	N.D.	1.0	5.0	1
06886	Carbon Tetrachloride	56-23-5	N.D.	1.0	5.0	1
06886	Chlorobenzene	108-90-7	N.D.	0.80	5.0	1
06886	Chloroethane	75-00-3	N.D.	1.0	5.0	1
00310	2-Chloroethyl Vinyl Ether	110-75-8	N.D.	2.0	10	1
	2-Chloroethyl vinyl ether may not be recovered if acid was used to preserve this sample.					
06886	Chloroform	67-66-3	N.D.	0.80	5.0	1
06886	Chloromethane	74-87-3	N.D.	1.0	5.0	1
06886	Dibromochloromethane	124-48-1	N.D.	1.0	5.0	1
06886	Dibromomethane	74-95-3	N.D.	1.0	5.0	1
00310	1,2-Dichlorobenzene	95-50-1	N.D.	1.0	5.0	1
00310	1,3-Dichlorobenzene	541-73-1	N.D.	1.0	5.0	1
00310	1,4-Dichlorobenzene	106-46-7	N.D.	1.0	5.0	1
06886	Dichlorodifluoromethane	75-71-8	N.D.	2.0	5.0	1
06886	1,1-Dichloroethane	75-34-3	N.D.	1.0	5.0	1
06886	1,2-Dichloroethane	107-06-2	N.D.	1.0	5.0	1
06886	1,1-Dichloroethene	75-35-4	N.D.	0.80	5.0	1
06886	cis-1,2-Dichloroethene	156-59-2	N.D.	0.80	5.0	1
06886	trans-1,2-Dichloroethene	156-60-5	N.D.	0.80	5.0	1
06886	1,2-Dichloropropane	78-87-5	N.D.	1.0	5.0	1
06886	cis-1,3-Dichloropropene	10061-01-5	N.D.	1.0	5.0	1
06886	trans-1,3-Dichloropropene	10061-02-6	N.D.	1.0	5.0	1
06886	Methylene Chloride	75-09-2	N.D.	2.0	5.0	1
06886	1,1,1,2-Tetrachloroethane	630-20-6	N.D.	1.0	5.0	1
06886	1,1,2,2-Tetrachloroethane	79-34-5	N.D.	1.0	5.0	1
06886	Tetrachloroethene	127-18-4	N.D.	0.80	5.0	1
06886	1,1,1-Trichloroethane	71-55-6	N.D.	0.80	5.0	1
06886	1,1,2-Trichloroethane	79-00-5	N.D.	0.80	5.0	1
06886	Trichloroethene	79-01-6	N.D.	1.0	5.0	1
06886	Trichlorofluoromethane	75-69-4	N.D.	2.0	5.0	1
06886	1,2,3-Trichloropropane	96-18-4	N.D.	1.0	5.0	1
06886	Vinyl Chloride	75-01-4	N.D.	1.0	5.0	1

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

General Sample Comments

State of New York Certification No. 10670

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

Lancaster Laboratories, Inc.
2425 New Holland Pike
PO Box 12425
Lancaster, PA 17605-2425
717-656-2300 Fax: 717-6

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

Lancaster Laboratories
2425 New Holland Pike • Lancaster, PA 17601

Explanation of Symbols and Abbreviations

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IU	International Units	NTU	nephelometric turbidity units
umhos/cm	micromhos/cm	ng	nanogram(s)
C	degrees Celsius	F	degrees Fahrenheit
meq	milliequivalents	lb.	pound(s)
g	gram(s)	kg	kilogram(s)
ug	microgram(s)	mg	milligram(s)
ml	milliliter(s)	l	liter(s)
m3	cubic meter(s)	ul	microliter(s)

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

> greater than

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

ppm parts per million - One ppm is equivalent to one milligram per kilogram (mg/kg), or one gram per million grams. For aqueous liquids, ppm is usually taken to be equivalent to milligrams per liter (mg/l), because one liter of water has a weight very close to a kilogram. For gases or vapors, one ppm is equivalent to one microliter of gas per liter of gas.

ppb parts per billion

Dry weight basis Results printed under this heading have been adjusted for moisture content. This increases the analyte weight concentration to approximate the value present in a similar sample without moisture. All other results are reported on an as-received basis.

U.S. EPA CLP Data Qualifiers:

Organic Qualifiers

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

Inorganic Qualifiers

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

Lancaster Laboratories Sample No. WW 5719614

Group No. 1152788
NY

B-66 Water
BP Sanborn COC: 192703
2040 Cory Dr - Sanborn, NY B-66

Collected: 07/08/2009 11:35 by RCB

Account Number: 12495

Submitted: 07/09/2009 09:10
Reported: 07/16/2009 at 17:26
Discard: 08/16/2009

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

20C66

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
06886	Appendix IX by 8260 - water	SW-846 8260B	1	Y091951AA	07/14/2009 04:03	Matthew S Woods	1
00310	8260B water special scan	SW-846 8260B	1	Y091951AA	07/14/2009 04:03	Matthew S Woods	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	Y091951AA	07/14/2009 04:03	Matthew S Woods	1

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

Lancaster Laboratories
2425 New Holland Pike • Lancaster, PA 17601

Explanation of Symbols and Abbreviations

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

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

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

> greater than

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

ppm parts per million - One ppm is equivalent to one milligram per kilogram (mg/kg), or one gram per million grams. For aqueous liquids, ppm is usually taken to be equivalent to milligrams per liter (mg/l), because one liter of water has a weight very close to a kilogram. For gases or vapors, one ppm is equivalent to one microliter of gas per liter of gas.

ppb parts per billion

Dry weight basis Results printed under this heading have been adjusted for moisture content. This increases the analyte weight concentration to approximate the value present in a similar sample without moisture. All other results are reported on an as-received basis.

U.S. EPA CLP Data Qualifiers:

Organic Qualifiers		Inorganic Qualifiers	
A	TIC is a possible aldol-condensation product	B	Value is <CRDL, but ≥IDL
B	Analyte was also detected in the blank	E	Estimated due to interference
C	Pesticide result confirmed by GC/MS	M	Duplicate injection precision not met
D	Compound quantitated on a diluted sample	N	Spike sample not within control limits
E	Concentration exceeds the calibration range of the instrument	S	Method of standard additions (MSA) used for calculation
N	Presumptive evidence of a compound (TICs only)	U	Compound was not detected
P	Concentration difference between primary and confirmation columns >25%	W	Post digestion spike out of control limits
U	Compound was not detected	*	Duplicate analysis not within control limits
X,Y,Z	Defined in case narrative	+	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.

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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.

Lancaster Laboratories

Lancaster Laboratories Sample No. WW 5719615

Group No. 1152788
NY

B-67 Water
BP Sanborn COC: 192703
2040 Cory Dr - Sanborn, NY B-67

Collected: 07/08/2009 11:30 by RCB

Account Number: 12495

Submitted: 07/09/2009 09:10
Reported: 07/16/2009 at 17:26
Discard: 08/16/2009

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

20C67

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit*	As Received Limit of Quantitation	Dilution Factor
SW-846 8260B	GC/MS Volatiles		ug/l	ug/l	ug/l	
00310	Benzyl Chloride	100-44-7	N.D.	1.0	5.0	1
00310	Bromobenzene	108-86-1	N.D.	1.0	5.0	1
06886	Bromodichloromethane	75-27-4	N.D.	1.0	5.0	1
06886	Bromoform	75-25-2	N.D.	1.0	5.0	1
06886	Bromomethane	74-83-9	N.D.	1.0	5.0	1
06886	Carbon Tetrachloride	56-23-5	N.D.	1.0	5.0	1
06886	Chlorobenzene	108-90-7	N.D.	0.80	5.0	1
06886	Chloroethane	75-00-3	N.D.	1.0	5.0	1
00310	2-Chloroethyl Vinyl Ether	110-75-8	N.D.	2.0	10	1
	2-Chloroethyl vinyl ether may not be recovered if acid was used to preserve this sample.					
06886	Chloroform	67-66-3	N.D.	0.80	5.0	1
06886	Chloromethane	74-87-3	N.D.	1.0	5.0	1
06886	Dibromochloromethane	124-48-1	N.D.	1.0	5.0	1
06886	Dibromomethane	74-95-3	N.D.	1.0	5.0	1
00310	1,2-Dichlorobenzene	95-50-1	N.D.	1.0	5.0	1
00310	1,3-Dichlorobenzene	541-73-1	N.D.	1.0	5.0	1
00310	1,4-Dichlorobenzene	106-46-7	N.D.	1.0	5.0	1
06886	Dichlorodifluoromethane	75-71-8	N.D.	2.0	5.0	1
06886	1,1-Dichloroethane	75-34-3	N.D.	1.0	5.0	1
06886	1,2-Dichloroethane	107-06-2	N.D.	1.0	5.0	1
06886	1,1-Dichloroethene	75-35-4	N.D.	0.80	5.0	1
06886	cis-1,2-Dichloroethene	156-59-2	N.D.	0.80	5.0	1
06886	trans-1,2-Dichloroethene	156-60-5	N.D.	0.80	5.0	1
06886	1,2-Dichloropropane	78-87-5	N.D.	1.0	5.0	1
06886	cis-1,3-Dichloropropene	10061-01-5	N.D.	1.0	5.0	1
06886	trans-1,3-Dichloropropene	10061-02-6	N.D.	1.0	5.0	1
06886	Methylene Chloride	75-09-2	N.D.	2.0	5.0	1
06886	1,1,1,2-Tetrachloroethane	630-20-6	N.D.	1.0	5.0	1
06886	1,1,2,2-Tetrachloroethane	79-34-5	N.D.	1.0	5.0	1
06886	Tetrachloroethene	127-18-4	N.D.	0.80	5.0	1
06886	1,1,1-Trichloroethane	71-55-6	N.D.	0.80	5.0	1
06886	1,1,2-Trichloroethane	79-00-5	N.D.	0.80	5.0	1
06886	Trichloroethene	79-01-6	N.D.	1.0	5.0	1
06886	Trichlorofluoromethane	75-69-4	N.D.	2.0	5.0	1
06886	1,2,3-Trichloropropane	96-18-4	N.D.	1.0	5.0	1
06886	Vinyl Chloride	75-01-4	N.D.	1.0	5.0	1

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

General Sample Comments

State of New York Certification No. 10670

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

Lancaster Laboratories, Inc
2425 New Holland Pike
PO Box 12425
Lancaster, PA 17605-2425
717-656-2300 Fax: 717-656-2681

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

Lancaster Laboratories
2425 New Holland Pike • Lancaster, PA 17601

Explanation of Symbols and Abbreviations

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IU	International Units	NTU	nephelometric turbidity units
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meq	milliequivalents	lb.	pound(s)
g	gram(s)	kg	kilogram(s)
ug	microgram(s)	mg	milligram(s)
ml	milliliter(s)	l	liter(s)
m3	cubic meter(s)	ul	microliter(s)

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ppb parts per billion

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Lancaster Laboratories

Lancaster Laboratories Sample No. WW 5719615

Group No. 1152788
NY

B-67 Water
BP Sanborn COC: 192703
2040 Cory Dr - Sanborn, NY B-67

Collected: 07/08/2009 11:30 by RCB

Account Number: 12495

Submitted: 07/09/2009 09:10
Reported: 07/16/2009 at 17:26
Discard: 08/16/2009

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

20C67

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
06886	Appendix IX by 8260 - water	SW-846 8260B	1	Y091951AA	07/14/2009 04:24	Matthew S Woods	1
00310	8260B water special scan	SW-846 8260B	1	Y091951AA	07/14/2009 04:24	Matthew S Woods	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	Y091951AA	07/14/2009 04:24	Matthew S Woods	1

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

Lancaster Laboratories
2425 New Holland Pike • Lancaster, PA 17601

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meq	milliequivalents	lb.	pound(s)
g	gram(s)	kg	kilogram(s)
ug	microgram(s)	mg	milligram(s)
ml	milliliter(s)	l	liter(s)
m3	cubic meter(s)	ul	microliter(s)

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

> greater than

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

ppm parts per million - One ppm is equivalent to one milligram per kilogram (mg/kg), or one gram per million grams. For aqueous liquids, ppm is usually taken to be equivalent to milligrams per liter (mg/l), because one liter of water has a weight very close to a kilogram. For gases or vapors, one ppm is equivalent to one microliter of gas per liter of gas.

ppb parts per billion

Dry weight basis Results printed under this heading have been adjusted for moisture content. This increases the analyte weight concentration to approximate the value present in a similar sample without moisture. All other results are reported on an as-received basis.

U.S. EPA CLP Data Qualifiers:

Organic Qualifiers

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

Inorganic Qualifiers

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

Analytical test results for methods listed on the laboratories' accreditation scope meet all requirements of NELAC unless otherwise noted under the individual analysis.

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

Tests results relate only to the sample tested. Clients should be aware that a critical step in a chemical or microbiological analysis is the collection of the sample. Unless the sample analyzed is truly representative of the bulk of material involved, the test results will be meaningless. If you have questions regarding the proper techniques of collecting samples, please contact us. We cannot be held responsible for sample integrity, however, unless sampling has been performed by a member of our staff. This report shall not be reproduced except in full, without the written approval of the laboratory.

Lancaster Laboratories

Lancaster Laboratories Sample No. WW 5719616

Group No. 1152788
NY

B-62 Water
BP Sanborn COC: 192703
2040 Cory Dr - Sanborn, NY B-62

Collected: 07/08/2009 11:00 by RCB

Account Number: 12495

Submitted: 07/09/2009 09:10
Reported: 07/16/2009 at 17:26
Discard: 08/16/2009

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

20C62

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit*	As Received Limit of Quantitation	Dilution Factor
SW-846 8260B	GC/MS Volatiles		ug/l	ug/l	ug/l	
00310	Benzyl Chloride	100-44-7	N.D.	1.0	5.0	1
00310	Bromobenzene	108-86-1	N.D.	1.0	5.0	1
06886	Bromodichloromethane	75-27-4	N.D.	1.0	5.0	1
06886	Bromoform	75-25-2	N.D.	1.0	5.0	1
06886	Bromomethane	74-83-9	N.D.	1.0	5.0	1
06886	Carbon Tetrachloride	56-23-5	N.D.	1.0	5.0	1
06886	Chlorobenzene	108-90-7	N.D.	0.80	5.0	1
06886	Chloroethane	75-00-3	N.D.	1.0	5.0	1
00310	2-Chloroethyl Vinyl Ether	110-75-8	N.D.	2.0	10	1
	2-Chloroethyl vinyl ether may not be recovered if acid was used to preserve this sample.					
06886	Chloroform	67-66-3	N.D.	0.80	5.0	1
06886	Chloromethane	74-87-3	N.D.	1.0	5.0	1
06886	Dibromochloromethane	124-48-1	N.D.	1.0	5.0	1
06886	Dibromomethane	74-95-3	N.D.	1.0	5.0	1
00310	1,2-Dichlorobenzene	95-50-1	N.D.	1.0	5.0	1
00310	1,3-Dichlorobenzene	541-73-1	N.D.	1.0	5.0	1
00310	1,4-Dichlorobenzene	106-46-7	N.D.	1.0	5.0	1
06886	Dichlorodifluoromethane	75-71-8	N.D.	2.0	5.0	1
06886	1,1-Dichloroethane	75-34-3	N.D.	1.0	5.0	1
06886	1,2-Dichloroethane	107-06-2	N.D.	1.0	5.0	1
06886	1,1-Dichloroethene	75-35-4	N.D.	0.80	5.0	1
06886	cis-1,2-Dichloroethene	156-59-2	N.D.	0.80	5.0	1
06886	trans-1,2-Dichloroethene	156-60-5	N.D.	0.80	5.0	1
06886	1,2-Dichloropropane	78-87-5	N.D.	1.0	5.0	1
06886	cis-1,3-Dichloropropene	10061-01-5	N.D.	1.0	5.0	1
06886	trans-1,3-Dichloropropene	10061-02-6	N.D.	1.0	5.0	1
06886	Methylene Chloride	75-09-2	N.D.	2.0	5.0	1
06886	1,1,1,2-Tetrachloroethane	630-20-6	N.D.	1.0	5.0	1
06886	1,1,2,2-Tetrachloroethane	79-34-5	N.D.	1.0	5.0	1
06886	Tetrachloroethene	127-18-4	N.D.	0.80	5.0	1
06886	1,1,1-Trichloroethane	71-55-6	N.D.	0.80	5.0	1
06886	1,1,2-Trichloroethane	79-00-5	N.D.	0.80	5.0	1
06886	Trichloroethene	79-01-6	N.D.	1.0	5.0	1
06886	Trichlorofluoromethane	75-69-4	N.D.	2.0	5.0	1
06886	1,2,3-Trichloropropane	96-18-4	N.D.	1.0	5.0	1
06886	Vinyl Chloride	75-01-4	N.D.	1.0	5.0	1

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

General Sample Comments

State of New York Certification No. 10670

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

Lancaster Laboratories, Inc.
2425 New Holland Pike
PO Box 12425
Lancaster, PA 17605-2425
717-656-2300 Fax: 717-6

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

Lancaster Laboratories
2425 New Holland Pike • Lancaster, PA 17601

Explanation of Symbols and Abbreviations

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

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

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

> greater than

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

ppm parts per million - One ppm is equivalent to one milligram per kilogram (mg/kg), or one gram per million grams. For aqueous liquids, ppm is usually taken to be equivalent to milligrams per liter (mg/l), because one liter of water has a weight very close to a kilogram. For gases or vapors, one ppm is equivalent to one microliter of gas per liter of gas.

ppb parts per billion

Dry weight basis Results printed under this heading have been adjusted for moisture content. This increases the analyte weight concentration to approximate the value present in a similar sample without moisture. All other results are reported on an as-received basis.

U.S. EPA CLP Data Qualifiers:

Organic Qualifiers

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

Inorganic Qualifiers

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

Analytical test results for methods listed on the laboratories' accreditation scope meet all requirements of NELAC unless otherwise noted under the individual analysis.

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

Tests results relate only to the sample tested. Clients should be aware that a critical step in a chemical or microbiological analysis is the collection of the sample. Unless the sample analyzed is truly representative of the bulk of material involved, the test results will be meaningless. If you have questions regarding the proper techniques of collecting samples, please contact us. We cannot be held responsible for sample integrity, however, unless sampling has been performed by a member of our staff. This report shall not be reproduced except in full, without the written approval of the laboratory.

Lancaster Laboratories

Lancaster Laboratories Sample No. WW 5719616

Group No. 1152788
NY

B-62 Water
BP Sanborn COC: 192703
2040 Cory Dr - Sanborn, NY B-62

Collected: 07/08/2009 11:00 by RCB

Account Number: 12495

Submitted: 07/09/2009 09:10
Reported: 07/16/2009 at 17:26
Discard: 08/16/2009

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

20C62

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
06886	Appendix IX by 8260 - water	SW-846 8260B	1	Y091951AA	07/14/2009 04:46	Matthew S Woods	1
00310	8260B water special scan	SW-846 8260B	1	Y091951AA	07/14/2009 04:46	Matthew S Woods	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	Y091951AA	07/14/2009 04:46	Matthew S Woods	1

Lancaster Laboratories, Inc
2425 New Holland Pike
PO Box 12425
Lancaster, PA 17605-2425
717-656-2300 Fax: 717-656-2681

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

Lancaster Laboratories
2425 New Holland Pike • Lancaster, PA 17601

Explanation of Symbols and Abbreviations

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

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

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

> greater than

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

ppm parts per million - One ppm is equivalent to one milligram per kilogram (mg/kg), or one gram per million grams. For aqueous liquids, ppm is usually taken to be equivalent to milligrams per liter (mg/l), because one liter of water has a weight very close to a kilogram. For gases or vapors, one ppm is equivalent to one microliter of gas per liter of gas.

ppb parts per billion

Dry weight basis Results printed under this heading have been adjusted for moisture content. This increases the analyte weight concentration to approximate the value present in a similar sample without moisture. All other results are reported on an as-received basis.

U.S. EPA CLP Data Qualifiers:

Organic Qualifiers

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

Inorganic Qualifiers

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

Analytical test results for methods listed on the laboratories' accreditation scope meet all requirements of NELAC unless otherwise noted under the individual analysis.

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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.

Lancaster Laboratories

Lancaster Laboratories Sample No. WW 5719617

Group No. 1152788
NY

B-16 Water
BP Sanborn COC: 192703
2040 Cory Dr - Sanborn, NY B-16

Collected: 07/08/2009 11:00 by RCB

Account Number: 12495

Submitted: 07/09/2009 09:10
Reported: 07/16/2009 at 17:26
Discard: 08/16/2009

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

20C16

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit*	As Received Limit of Quantitation	Dilution Factor
SW-846 8260B	GC/MS Volatiles		ug/l	ug/l	ug/l	
00310	Benzyl Chloride	100-44-7	N.D.	1.0	5.0	1
00310	Bromobenzene	108-86-1	N.D.	1.0	5.0	1
06886	Bromodichloromethane	75-27-4	N.D.	1.0	5.0	1
06886	Bromoform	75-25-2	N.D.	1.0	5.0	1
06886	Bromomethane	74-83-9	N.D.	1.0	5.0	1
06886	Carbon Tetrachloride	56-23-5	N.D.	1.0	5.0	1
06886	Chlorobenzene	108-90-7	N.D.	0.80	5.0	1
06886	Chloroethane	75-00-3	N.D.	1.0	5.0	1
00310	2-Chloroethyl Vinyl Ether	110-75-8	N.D.	2.0	10	1
	2-Chloroethyl vinyl ether may not be recovered if acid was used to preserve this sample.					
06886	Chloroform	67-66-3	N.D.	0.80	5.0	1
06886	Chloromethane	74-87-3	N.D.	1.0	5.0	1
06886	Dibromochloromethane	124-48-1	N.D.	1.0	5.0	1
06886	Dibromomethane	74-95-3	N.D.	1.0	5.0	1
00310	1,2-Dichlorobenzene	95-50-1	N.D.	1.0	5.0	1
00310	1,3-Dichlorobenzene	541-73-1	N.D.	1.0	5.0	1
00310	1,4-Dichlorobenzene	106-46-7	N.D.	1.0	5.0	1
06886	Dichlorodifluoromethane	75-71-8	N.D.	2.0	5.0	1
06886	1,1-Dichloroethane	75-34-3	N.D.	1.0	5.0	1
06886	1,2-Dichloroethane	107-06-2	N.D.	1.0	5.0	1
06886	1,1-Dichloroethene	75-35-4	N.D.	0.80	5.0	1
06886	cis-1,2-Dichloroethene	156-59-2	N.D.	0.80	5.0	1
06886	trans-1,2-Dichloroethene	156-60-5	N.D.	0.80	5.0	1
06886	1,2-Dichloropropane	78-87-5	N.D.	1.0	5.0	1
06886	cis-1,3-Dichloropropene	10061-01-5	N.D.	1.0	5.0	1
06886	trans-1,3-Dichloropropene	10061-02-6	N.D.	1.0	5.0	1
06886	Methylene Chloride	75-09-2	N.D.	2.0	5.0	1
06886	1,1,1,2-Tetrachloroethane	630-20-6	N.D.	1.0	5.0	1
06886	1,1,2,2-Tetrachloroethane	79-34-5	N.D.	1.0	5.0	1
06886	Tetrachloroethene	127-18-4	N.D.	0.80	5.0	1
06886	1,1,1-Trichloroethane	71-55-6	N.D.	0.80	5.0	1
06886	1,1,2-Trichloroethane	79-00-5	N.D.	0.80	5.0	1
06886	Trichloroethene	79-01-6	N.D.	1.0	5.0	1
06886	Trichlorofluoromethane	75-69-4	N.D.	2.0	5.0	1
06886	1,2,3-Trichloropropane	96-18-4	N.D.	1.0	5.0	1
06886	Vinyl Chloride	75-01-4	N.D.	1.0	5.0	1

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

General Sample Comments

State of New York Certification No. 10670

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

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

Lancaster Laboratories, Inc.
2425 New Holland Pike
PO Box 12425
Lancaster, PA 17605-2425
717-656-2300 Fax: 717-656-2681

Lancaster Laboratories
2425 New Holland Pike • Lancaster, PA 17601

Explanation of Symbols and Abbreviations

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

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

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

> greater than

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

ppm parts per million - One ppm is equivalent to one milligram per kilogram (mg/kg), or one gram per million grams. For aqueous liquids, ppm is usually taken to be equivalent to milligrams per liter (mg/l), because one liter of water has a weight very close to a kilogram. For gases or vapors, one ppm is equivalent to one microliter of gas per liter of gas.

ppb parts per billion

Dry weight basis Results printed under this heading have been adjusted for moisture content. This increases the analyte weight concentration to approximate the value present in a similar sample without moisture. All other results are reported on an as-received basis.

U.S. EPA CLP Data Qualifiers:

Organic Qualifiers		Inorganic Qualifiers	
A	TIC is a possible aldol-condensation product	B	Value is <CRDL, but ≥IDL
B	Analyte was also detected in the blank	E	Estimated due to interference
C	Pesticide result confirmed by GC/MS	M	Duplicate injection precision not met
D	Compound quantitated on a diluted sample	N	Spike sample not within control limits
E	Concentration exceeds the calibration range of the instrument	S	Method of standard additions (MSA) used for calculation
N	Presumptive evidence of a compound (TICs only)	U	Compound was not detected
P	Concentration difference between primary and confirmation columns >25%	W	Post digestion spike out of control limits
U	Compound was not detected	*	Duplicate analysis not within control limits
X,Y,Z	Defined in case narrative	+	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.

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

Tests results relate only to the sample tested. Clients should be aware that a critical step in a chemical or microbiological analysis is the collection of the sample. Unless the sample analyzed is truly representative of the bulk of material involved, the test results will be meaningless. If you have questions regarding the proper techniques of collecting samples, please contact us. We cannot be held responsible for sample integrity, however, unless sampling has been performed by a member of our staff. This report shall not be reproduced except in full, without the written approval of the laboratory.

Lancaster Laboratories

Lancaster Laboratories Sample No. WW 5719617

Group No. 1152788
NY

B-16 Water
BP Sanborn COC: 192703
2040 Cory Dr - Sanborn, NY B-16

Collected: 07/08/2009 11:00 by RCB

Account Number: 12495

Submitted: 07/09/2009 09:10
Reported: 07/16/2009 at 17:26
Discard: 08/16/2009

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

20C16

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
06886	Appendix IX by 8260 - water	SW-846 8260B	1	Y091951AA	07/14/2009 05:06	Matthew S Woods	1
00310	8260B water special scan	SW-846 8260B	1	Y091951AA	07/14/2009 05:06	Matthew S Woods	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	Y091951AA	07/14/2009 05:06	Matthew S Woods	1

Lancaster Laboratories
2425 New Holland Pike • Lancaster, PA 17601

Explanation of Symbols and Abbreviations

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

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

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

> greater than

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

ppm parts per million - One ppm is equivalent to one milligram per kilogram (mg/kg), or one gram per million grams. For aqueous liquids, ppm is usually taken to be equivalent to milligrams per liter (mg/l), because one liter of water has a weight very close to a kilogram. For gases or vapors, one ppm is equivalent to one microliter of gas per liter of gas.

ppb parts per billion

Dry weight basis Results printed under this heading have been adjusted for moisture content. This increases the analyte weight concentration to approximate the value present in a similar sample without moisture. All other results are reported on an as-received basis.

U.S. EPA CLP Data Qualifiers:

Organic Qualifiers

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

Inorganic Qualifiers

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

Analytical test results for methods listed on the laboratories' accreditation scope meet all requirements of NELAC unless otherwise noted under the individual analysis.

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

Tests results relate only to the sample tested. Clients should be aware that a critical step in a chemical or microbiological analysis is the collection of the sample. Unless the sample analyzed is truly representative of the bulk of material involved, the test results will be meaningless. If you have questions regarding the proper techniques of collecting samples, please contact us. We cannot be held responsible for sample integrity, however, unless sampling has been performed by a member of our staff. This report shall not be reproduced except in full, without the written approval of the laboratory.

Lancaster Laboratories

Lancaster Laboratories Sample No. WW 5719618

Group No. 1152788
NY

B-65 Water
BP Sanborn COC: 192703
2040 Cory Dr - Sanborn, NY B-65

Collected: 07/08/2009 10:19 by RCB

Account Number: 12495

Submitted: 07/09/2009 09:10
Reported: 07/16/2009 at 17:26
Discard: 08/16/2009

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

20C65

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit*	As Received Limit of Quantitation	Dilution Factor
SW-846 8260B	GC/MS Volatiles		ug/l	ug/l	ug/l	
00310	Benzyl Chloride	100-44-7	N.D.	1.0	5.0	1
00310	Bromobenzene	108-86-1	N.D.	1.0	5.0	1
06886	Bromodichloromethane	75-27-4	N.D.	1.0	5.0	1
06886	Bromoform	75-25-2	N.D.	1.0	5.0	1
06886	Bromomethane	74-83-9	N.D.	1.0	5.0	1
06886	Carbon Tetrachloride	56-23-5	N.D.	1.0	5.0	1
06886	Chlorobenzene	108-90-7	N.D.	0.80	5.0	1
06886	Chloroethane	75-00-3	N.D.	1.0	5.0	1
00310	2-Chloroethyl Vinyl Ether	110-75-8	N.D.	2.0	10	1
	2-Chloroethyl vinyl ether may not be recovered if acid was used to preserve this sample.					
06886	Chloroform	67-66-3	N.D.	0.80	5.0	1
06886	Chloromethane	74-87-3	N.D.	1.0	5.0	1
06886	Dibromochloromethane	124-48-1	N.D.	1.0	5.0	1
06886	Dibromomethane	74-95-3	N.D.	1.0	5.0	1
00310	1,2-Dichlorobenzene	95-50-1	N.D.	1.0	5.0	1
00310	1,3-Dichlorobenzene	541-73-1	N.D.	1.0	5.0	1
00310	1,4-Dichlorobenzene	106-46-7	N.D.	1.0	5.0	1
06886	Dichlorodifluoromethane	75-71-8	N.D.	2.0	5.0	1
06886	1,1-Dichloroethane	75-34-3	N.D.	1.0	5.0	1
06886	1,2-Dichloroethane	107-06-2	N.D.	1.0	5.0	1
06886	1,1-Dichloroethene	75-35-4	N.D.	0.80	5.0	1
06886	cis-1,2-Dichloroethene	156-59-2	N.D.	0.80	5.0	1
06886	trans-1,2-Dichloroethene	156-60-5	N.D.	0.80	5.0	1
06886	1,2-Dichloropropane	78-87-5	N.D.	1.0	5.0	1
06886	cis-1,3-Dichloropropene	10061-01-5	N.D.	1.0	5.0	1
06886	trans-1,3-Dichloropropene	10061-02-6	N.D.	1.0	5.0	1
06886	Methylene Chloride	75-09-2	N.D.	2.0	5.0	1
06886	1,1,1,2-Tetrachloroethane	630-20-6	N.D.	1.0	5.0	1
06886	1,1,2,2-Tetrachloroethane	79-34-5	N.D.	1.0	5.0	1
06886	Tetrachloroethene	127-18-4	N.D.	0.80	5.0	1
06886	1,1,1-Trichloroethane	71-55-6	N.D.	0.80	5.0	1
06886	1,1,2-Trichloroethane	79-00-5	N.D.	0.80	5.0	1
06886	Trichloroethene	79-01-6	N.D.	1.0	5.0	1
06886	Trichlorofluoromethane	75-69-4	N.D.	2.0	5.0	1
06886	1,2,3-Trichloropropane	96-18-4	N.D.	1.0	5.0	1
06886	Vinyl Chloride	75-01-4	N.D.	1.0	5.0	1

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

General Sample Comments

State of New York Certification No. 10670

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

Lancaster Laboratories, Inc.
2425 New Holland Pike
PO Box 12425
Lancaster, PA 17605-2425
717-656-2300 Fax: 717-656-2681

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

Lancaster Laboratories
2425 New Holland Pike • Lancaster, PA 17601

Explanation of Symbols and Abbreviations

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

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

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

> greater than

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

ppm parts per million - One ppm is equivalent to one milligram per kilogram (mg/kg), or one gram per million grams. For aqueous liquids, ppm is usually taken to be equivalent to milligrams per liter (mg/l), because one liter of water has a weight very close to a kilogram. For gases or vapors, one ppm is equivalent to one microliter of gas per liter of gas.

ppb parts per billion

Dry weight basis Results printed under this heading have been adjusted for moisture content. This increases the analyte weight concentration to approximate the value present in a similar sample without moisture. All other results are reported on an as-received basis.

U.S. EPA CLP Data Qualifiers:

Organic Qualifiers		Inorganic Qualifiers	
A	TIC is a possible aldol-condensation product	B	Value is <CRDL, but ≥IDL
B	Analyte was also detected in the blank	E	Estimated due to interference
C	Pesticide result confirmed by GC/MS	M	Duplicate injection precision not met
D	Compound quantitated on a diluted sample	N	Spike sample not within control limits
E	Concentration exceeds the calibration range of the instrument	S	Method of standard additions (MSA) used for calculation
N	Presumptive evidence of a compound (TICs only)	U	Compound was not detected
P	Concentration difference between primary and confirmation columns >25%	W	Post digestion spike out of control limits
		*	Duplicate analysis not within control limits
U	Compound was not detected	+	Correlation coefficient for MSA <0.995
X,Y,Z	Defined in case narrative		

Analytical test results for methods listed on the laboratories' accreditation scope meet all requirements of NELAC unless otherwise noted under the individual analysis.

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

Tests results relate only to the sample tested. Clients should be aware that a critical step in a chemical or microbiological analysis is the collection of the sample. Unless the sample analyzed is truly representative of the bulk of material involved, the test results will be meaningless. If you have questions regarding the proper techniques of collecting samples, please contact us. We cannot be held responsible for sample integrity, however, unless sampling has been performed by a member of our staff. This report shall not be reproduced except in full, without the written approval of the laboratory.

Lancaster Laboratories

Lancaster Laboratories Sample No. WW 5719618

Group No. 1152788
NY

B-65 Water
BP Sanborn COC: 192703
2040 Cory Dr - Sanborn, NY B-65

Collected: 07/08/2009 10:19 by RCB

Account Number: 12495

Submitted: 07/09/2009 09:10
Reported: 07/16/2009 at 17:26
Discard: 08/16/2009

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

20C65

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
06886	Appendix IX by 8260 - water	SW-846 8260B	1	Y091951AA	07/14/2009 05:28	Matthew S Woods	1
00310	8260B water special scan	SW-846 8260B	1	Y091951AA	07/14/2009 05:28	Matthew S Woods	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	Y091951AA	07/14/2009 05:28	Matthew S Woods	1

Lancaster Laboratories, Inc.
2425 New Holland Pike
PO Box 12425
Lancaster, PA 17605-2425
717-656-2300 Fax: 717-656-2681

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

Lancaster Laboratories
2425 New Holland Pike • Lancaster, PA 17601

Explanation of Symbols and Abbreviations

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

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

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

> greater than

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

ppm parts per million - One ppm is equivalent to one milligram per kilogram (mg/kg), or one gram per million grams. For aqueous liquids, ppm is usually taken to be equivalent to milligrams per liter (mg/l), because one liter of water has a weight very close to a kilogram. For gases or vapors, one ppm is equivalent to one microliter of gas per liter of gas.

ppb parts per billion

Dry weight basis Results printed under this heading have been adjusted for moisture content. This increases the analyte weight concentration to approximate the value present in a similar sample without moisture. All other results are reported on an as-received basis.

U.S. EPA CLP Data Qualifiers:

Organic Qualifiers		Inorganic Qualifiers	
A	TIC is a possible aldol-condensation product	B	Value is <CRDL, but ≥IDL
B	Analyte was also detected in the blank	E	Estimated due to interference
C	Pesticide result confirmed by GC/MS	M	Duplicate injection precision not met
D	Compound quantitated on a diluted sample	N	Spike sample not within control limits
E	Concentration exceeds the calibration range of the instrument	S	Method of standard additions (MSA) used for calculation
N	Presumptive evidence of a compound (TICs only)	U	Compound was not detected
P	Concentration difference between primary and confirmation columns >25%	W	Post digestion spike out of control limits
		*	Duplicate analysis not within control limits
U	Compound was not detected	+	Correlation coefficient for MSA <0.995
X,Y,Z	Defined in case narrative		

Analytical test results for methods listed on the laboratories' accreditation scope meet all requirements of NELAC unless otherwise noted under the individual analysis.

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

Tests results relate only to the sample tested. Clients should be aware that a critical step in a chemical or microbiological analysis is the collection of the sample. Unless the sample analyzed is truly representative of the bulk of material involved, the test results will be meaningless. If you have questions regarding the proper techniques of collecting samples, please contact us. We cannot be held responsible for sample integrity, however, unless sampling has been performed by a member of our staff. This report shall not be reproduced except in full, without the written approval of the laboratory.

Lancaster Laboratories

Lancaster Laboratories Sample No. WW 5719619

Group No. 1152788
NY

B-64 Water
BP Sanborn COC: 192703
2040 Cory Dr - Sanborn, NY B-64

Collected: 07/08/2009 09:53 by RCB

Account Number: 12495

Submitted: 07/09/2009 09:10
Reported: 07/16/2009 at 17:26
Discard: 08/16/2009

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

20C64

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit*	As Received Limit of Quantitation	Dilution Factor
SW-846 8260B	GC/MS Volatiles		ug/l	ug/l	ug/l	
00310	Benzyl Chloride	100-44-7	N.D.	1.0	5.0	1
00310	Bromobenzene	108-86-1	N.D.	1.0	5.0	1
06886	Bromodichloromethane	75-27-4	N.D.	1.0	5.0	1
06886	Bromoform	75-25-2	N.D.	1.0	5.0	1
06886	Bromomethane	74-83-9	N.D.	1.0	5.0	1
06886	Carbon Tetrachloride	56-23-5	N.D.	1.0	5.0	1
06886	Chlorobenzene	108-90-7	N.D.	0.80	5.0	1
06886	Chloroethane	75-00-3	N.D.	1.0	5.0	1
00310	2-Chloroethyl Vinyl Ether	110-75-8	N.D.	2.0	10	1
	2-Chloroethyl vinyl ether may not be recovered if acid was used to preserve this sample.					
06886	Chloroform	67-66-3	N.D.	0.80	5.0	1
06886	Chloromethane	74-87-3	N.D.	1.0	5.0	1
06886	Dibromochloromethane	124-48-1	N.D.	1.0	5.0	1
06886	Dibromomethane	74-95-3	N.D.	1.0	5.0	1
00310	1,2-Dichlorobenzene	95-50-1	N.D.	1.0	5.0	1
00310	1,3-Dichlorobenzene	541-73-1	N.D.	1.0	5.0	1
00310	1,4-Dichlorobenzene	106-46-7	N.D.	1.0	5.0	1
06886	Dichlorodifluoromethane	75-71-8	N.D.	2.0	5.0	1
06886	1,1-Dichloroethane	75-34-3	N.D.	1.0	5.0	1
06886	1,2-Dichloroethane	107-06-2	N.D.	1.0	5.0	1
06886	1,1-Dichloroethene	75-35-4	N.D.	0.80	5.0	1
06886	cis-1,2-Dichloroethene	156-59-2	N.D.	0.80	5.0	1
06886	trans-1,2-Dichloroethene	156-60-5	N.D.	0.80	5.0	1
06886	1,2-Dichloropropane	78-87-5	N.D.	1.0	5.0	1
06886	cis-1,3-Dichloropropene	10061-01-5	N.D.	1.0	5.0	1
06886	trans-1,3-Dichloropropene	10061-02-6	N.D.	1.0	5.0	1
06886	Methylene Chloride	75-09-2	N.D.	2.0	5.0	1
06886	1,1,1,2-Tetrachloroethane	630-20-6	N.D.	1.0	5.0	1
06886	1,1,2,2-Tetrachloroethane	79-34-5	N.D.	1.0	5.0	1
06886	Tetrachloroethene	127-18-4	N.D.	0.80	5.0	1
06886	1,1,1-Trichloroethane	71-55-6	N.D.	0.80	5.0	1
06886	1,1,2-Trichloroethane	79-00-5	N.D.	0.80	5.0	1
06886	Trichloroethene	79-01-6	N.D.	1.0	5.0	1
06886	Trichlorofluoromethane	75-69-4	N.D.	2.0	5.0	1
06886	1,2,3-Trichloropropane	96-18-4	N.D.	1.0	5.0	1
06886	Vinyl Chloride	75-01-4	N.D.	1.0	5.0	1

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

General Sample Comments

State of New York Certification No. 10670

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

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

Lancaster Laboratories, Inc.
2425 New Holland Pike
PO Box 12425
Lancaster, PA 17605-2425
717-656-2300 Fax: 717-656-2681

Lancaster Laboratories
2425 New Holland Pike • Lancaster, PA 17601

Explanation of Symbols and Abbreviations

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

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

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

> greater than

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

ppm parts per million - One ppm is equivalent to one milligram per kilogram (mg/kg), or one gram per million grams. For aqueous liquids, ppm is usually taken to be equivalent to milligrams per liter (mg/l), because one liter of water has a weight very close to a kilogram. For gases or vapors, one ppm is equivalent to one microliter of gas per liter of gas.

ppb parts per billion

Dry weight basis Results printed under this heading have been adjusted for moisture content. This increases the analyte weight concentration to approximate the value present in a similar sample without moisture. All other results are reported on an as-received basis.

U.S. EPA CLP Data Qualifiers:

Organic Qualifiers

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

Inorganic Qualifiers

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

Analytical test results for methods listed on the laboratories' accreditation scope meet all requirements of NELAC unless otherwise noted under the individual analysis.

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

Tests results relate only to the sample tested. Clients should be aware that a critical step in a chemical or microbiological analysis is the collection of the sample. Unless the sample analyzed is truly representative of the bulk of material involved, the test results will be meaningless. If you have questions regarding the proper techniques of collecting samples, please contact us. We cannot be held responsible for sample integrity, however, unless sampling has been performed by a member of our staff. This report shall not be reproduced except in full, without the written approval of the laboratory.

Lancaster Laboratories

Lancaster Laboratories Sample No. WW 5719619

Group No. 1152788
NY

B-64 Water
BP Sanborn COC: 192703
2040 Cory Dr - Sanborn, NY B-64

Collected: 07/08/2009 09:53 by RCB

Account Number: 12495

Submitted: 07/09/2009 09:10
Reported: 07/16/2009 at 17:26
Discard: 08/16/2009

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

20C64

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
06886	Appendix IX by 8260 - water	SW-846 8260B	1	Y091951AA	07/14/2009 05:49	Matthew S Woods	1
00310	8260B water special scan	SW-846 8260B	1	Y091951AA	07/14/2009 05:49	Matthew S Woods	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	Y091951AA	07/14/2009 05:49	Matthew S Woods	1

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

Lancaster Laboratories
2425 New Holland Pike • Lancaster, PA 17601

Explanation of Symbols and Abbreviations

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

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

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

> greater than

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

ppm parts per million - One ppm is equivalent to one milligram per kilogram (mg/kg), or one gram per million grams. For aqueous liquids, ppm is usually taken to be equivalent to milligrams per liter (mg/l), because one liter of water has a weight very close to a kilogram. For gases or vapors, one ppm is equivalent to one microliter of gas per liter of gas.

ppb parts per billion

Dry weight basis Results printed under this heading have been adjusted for moisture content. This increases the analyte weight concentration to approximate the value present in a similar sample without moisture. All other results are reported on an as-received basis.

U.S. EPA CLP Data Qualifiers:

Organic Qualifiers

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

Inorganic Qualifiers

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

Analytical test results for methods listed on the laboratories' accreditation scope meet all requirements of NELAC unless otherwise noted under the individual analysis.

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

Tests results relate only to the sample tested. Clients should be aware that a critical step in a chemical or microbiological analysis is the collection of the sample. Unless the sample analyzed is truly representative of the bulk of material involved, the test results will be meaningless. If you have questions regarding the proper techniques of collecting samples, please contact us. We cannot be held responsible for sample integrity, however, unless sampling has been performed by a member of our staff. This report shall not be reproduced except in full, without the written approval of the laboratory.

Lancaster Laboratories

Lancaster Laboratories Sample No. WW 5719620

Group No. 1152788
NY

B-63 Water
BP Sanborn COC: 192703
2040 Cory Dr - Sanborn, NY B-63

Collected: 07/08/2009 09:17 by RCB

Account Number: 12495

Submitted: 07/09/2009 09:10
Reported: 07/16/2009 at 17:26
Discard: 08/16/2009

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

20C63

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit*	As Received Limit of Quantitation	Dilution Factor
SW-846 8260B	GC/MS Volatiles		ug/l	ug/l	ug/l	
00310	Benzyl Chloride	100-44-7	N.D.	1.0	5.0	1
00310	Bromobenzene	108-86-1	N.D.	1.0	5.0	1
06886	Bromodichloromethane	75-27-4	N.D.	1.0	5.0	1
06886	Bromoform	75-25-2	N.D.	1.0	5.0	1
06886	Bromomethane	74-83-9	N.D.	1.0	5.0	1
06886	Carbon Tetrachloride	56-23-5	N.D.	1.0	5.0	1
06886	Chlorobenzene	108-90-7	N.D.	0.80	5.0	1
06886	Chloroethane	75-00-3	N.D.	1.0	5.0	1
00310	2-Chloroethyl Vinyl Ether	110-75-8	N.D.	2.0	10	1
	2-Chloroethyl vinyl ether may not be recovered if acid was used to preserve this sample.					
06886	Chloroform	67-66-3	N.D.	0.80	5.0	1
06886	Chloromethane	74-87-3	N.D.	1.0	5.0	1
06886	Dibromochloromethane	124-48-1	N.D.	1.0	5.0	1
06886	Dibromomethane	74-95-3	N.D.	1.0	5.0	1
00310	1,2-Dichlorobenzene	95-50-1	N.D.	1.0	5.0	1
00310	1,3-Dichlorobenzene	541-73-1	N.D.	1.0	5.0	1
00310	1,4-Dichlorobenzene	106-46-7	N.D.	1.0	5.0	1
06886	Dichlorodifluoromethane	75-71-8	N.D.	2.0	5.0	1
06886	1,1-Dichloroethane	75-34-3	N.D.	1.0	5.0	1
06886	1,2-Dichloroethane	107-06-2	N.D.	1.0	5.0	1
06886	1,1-Dichloroethene	75-35-4	N.D.	0.80	5.0	1
06886	cis-1,2-Dichloroethene	156-59-2	N.D.	0.80	5.0	1
06886	trans-1,2-Dichloroethene	156-60-5	N.D.	0.80	5.0	1
06886	1,2-Dichloropropane	78-87-5	N.D.	1.0	5.0	1
06886	cis-1,3-Dichloropropene	10061-01-5	N.D.	1.0	5.0	1
06886	trans-1,3-Dichloropropene	10061-02-6	N.D.	1.0	5.0	1
06886	Methylene Chloride	75-09-2	N.D.	2.0	5.0	1
06886	1,1,1,2-Tetrachloroethane	630-20-6	N.D.	1.0	5.0	1
06886	1,1,2,2-Tetrachloroethane	79-34-5	N.D.	1.0	5.0	1
06886	Tetrachloroethene	127-18-4	N.D.	0.80	5.0	1
06886	1,1,1-Trichloroethane	71-55-6	N.D.	0.80	5.0	1
06886	1,1,2-Trichloroethane	79-00-5	N.D.	0.80	5.0	1
06886	Trichloroethene	79-01-6	N.D.	1.0	5.0	1
06886	Trichlorofluoromethane	75-69-4	N.D.	2.0	5.0	1
06886	1,2,3-Trichloropropane	96-18-4	N.D.	1.0	5.0	1
06886	Vinyl Chloride	75-01-4	N.D.	1.0	5.0	1

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

General Sample Comments

State of New York Certification No. 10670

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

Lancaster Laboratories, Inc
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PO Box 12425
Lancaster, PA 17605-2425
717-656-2300 Fax 717-656-2681

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

Lancaster Laboratories
2425 New Holland Pike • Lancaster, PA 17601

Explanation of Symbols and Abbreviations

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

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

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

> greater than

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

ppm parts per million - One ppm is equivalent to one milligram per kilogram (mg/kg), or one gram per million grams. For aqueous liquids, ppm is usually taken to be equivalent to milligrams per liter (mg/l), because one liter of water has a weight very close to a kilogram. For gases or vapors, one ppm is equivalent to one microliter of gas per liter of gas.

ppb parts per billion

Dry weight basis Results printed under this heading have been adjusted for moisture content. This increases the analyte weight concentration to approximate the value present in a similar sample without moisture. All other results are reported on an as-received basis.

U.S. EPA CLP Data Qualifiers:

Organic Qualifiers

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

Inorganic Qualifiers

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

Analytical test results for methods listed on the laboratories' accreditation scope meet all requirements of NELAC unless otherwise noted under the individual analysis.

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

Tests results relate only to the sample tested. Clients should be aware that a critical step in a chemical or microbiological analysis is the collection of the sample. Unless the sample analyzed is truly representative of the bulk of material involved, the test results will be meaningless. If you have questions regarding the proper techniques of collecting samples, please contact us. We cannot be held responsible for sample integrity, however, unless sampling has been performed by a member of our staff. This report shall not be reproduced except in full, without the written approval of the laboratory.

Lancaster Laboratories

Lancaster Laboratories Sample No. WW 5719620

Group No. 1152788
NY

B-63 Water
BP Sanborn COC: 192703
2040 Cory Dr - Sanborn, NY B-63

Collected: 07/08/2009 09:17 by RCB

Account Number: 12495

Submitted: 07/09/2009 09:10
Reported: 07/16/2009 at 17:26
Discard: 08/16/2009

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

20C63

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
06886	Appendix IX by 8260 - water	SW-846 8260B	1	Y091951AA	07/14/2009 06:10	Matthew S Woods	1
00310	8260B water special scan	SW-846 8260B	1	Y091951AA	07/14/2009 06:10	Matthew S Woods	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	Y091951AA	07/14/2009 06:10	Matthew S Woods	1

Lancaster Laboratories, Inc
2425 New Holland Pike
PO Box 12425
Lancaster, PA 17605-2425
717-656-2300 Fax: 717-6

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

Lancaster Laboratories
2425 New Holland Pike • Lancaster, PA 17601

Explanation of Symbols and Abbreviations

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

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

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

> greater than

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

ppm parts per million - One ppm is equivalent to one milligram per kilogram (mg/kg), or one gram per million grams. For aqueous liquids, ppm is usually taken to be equivalent to milligrams per liter (mg/l), because one liter of water has a weight very close to a kilogram. For gases or vapors, one ppm is equivalent to one microliter of gas per liter of gas.

ppb parts per billion

Dry weight basis Results printed under this heading have been adjusted for moisture content. This increases the analyte weight concentration to approximate the value present in a similar sample without moisture. All other results are reported on an as-received basis.

U.S. EPA CLP Data Qualifiers:

Organic Qualifiers

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

Inorganic Qualifiers

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

Analytical test results for methods listed on the laboratories' accreditation scope meet all requirements of NELAC unless otherwise noted under the individual analysis.

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

Tests results relate only to the sample tested. Clients should be aware that a critical step in a chemical or microbiological analysis is the collection of the sample. Unless the sample analyzed is truly representative of the bulk of material involved, the test results will be meaningless. If you have questions regarding the proper techniques of collecting samples, please contact us. We cannot be held responsible for sample integrity, however, unless sampling has been performed by a member of our staff. This report shall not be reproduced except in full, without the written approval of the laboratory.

Lancaster Laboratories

Lancaster Laboratories Sample No. WW 5719621

Group No. 1152788
NY

B-3 Water
BP Sanborn COC: 192703
2040 Cory Dr - Sanborn, NY B-3

Collected: 07/08/2009 15:20 by RCB

Account Number: 12495

Submitted: 07/09/2009 09:10
Reported: 07/16/2009 at 17:26
Discard: 08/16/2009

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

20C03

CAT No.	Analysis Name	CAS Number	As Received Result		As Received Method Detection Limit*	As Received Limit of Quantitation	Dilution Factor
SW-846 8260B	GC/MS Volatiles		ug/l		ug/l	ug/l	
00310	Benzyl Chloride	100-44-7	N.D.		1.0	5.0	1
00310	Bromobenzene	108-86-1	N.D.		1.0	5.0	1
06886	Bromodichloromethane	75-27-4	N.D.		1.0	5.0	1
06886	Bromoform	75-25-2	N.D.		1.0	5.0	1
06886	Bromomethane	74-83-9	N.D.		1.0	5.0	1
06886	Carbon Tetrachloride	56-23-5	N.D.		1.0	5.0	1
06886	Chlorobenzene	108-90-7	N.D.		0.80	5.0	1
06886	Chloroethane	75-00-3	N.D.		1.0	5.0	1
00310	2-Chloroethyl Vinyl Ether	110-75-8	N.D.		2.0	10	1
	2-Chloroethyl vinyl ether may not be recovered if acid was used to preserve this sample.						
06886	Chloroform	67-66-3	N.D.		0.80	5.0	1
06886	Chloromethane	74-87-3	N.D.		1.0	5.0	1
06886	Dibromochloromethane	124-48-1	N.D.		1.0	5.0	1
06886	Dibromomethane	74-95-3	N.D.		1.0	5.0	1
00310	1,2-Dichlorobenzene	95-50-1	N.D.		1.0	5.0	1
00310	1,3-Dichlorobenzene	541-73-1	N.D.		1.0	5.0	1
00310	1,4-Dichlorobenzene	106-46-7	N.D.		1.0	5.0	1
06886	Dichlorodifluoromethane	75-71-8	N.D.		2.0	5.0	1
06886	1,1-Dichloroethane	75-34-3	1.4	J	1.0	5.0	1
06886	1,2-Dichloroethane	107-06-2	N.D.		1.0	5.0	1
06886	1,1-Dichloroethene	75-35-4	1.4	J	0.80	5.0	1
06886	cis-1,2-Dichloroethene	156-59-2	240		0.80	5.0	1
06886	trans-1,2-Dichloroethene	156-60-5	4.5	J	0.80	5.0	1
06886	1,2-Dichloropropane	78-87-5	N.D.		1.0	5.0	1
06886	cis-1,3-Dichloropropene	10061-01-5	N.D.		1.0	5.0	1
06886	trans-1,3-Dichloropropene	10061-02-6	N.D.		1.0	5.0	1
06886	Methylene Chloride	75-09-2	N.D.		2.0	5.0	1
06886	1,1,1,2-Tetrachloroethane	630-20-6	N.D.		1.0	5.0	1
06886	1,1,2,2-Tetrachloroethane	79-34-5	N.D.		1.0	5.0	1
06886	Tetrachloroethene	127-18-4	N.D.		0.80	5.0	1
06886	1,1,1-Trichloroethane	71-55-6	N.D.		0.80	5.0	1
06886	1,1,2-Trichloroethane	79-00-5	N.D.		0.80	5.0	1
06886	Trichloroethene	79-01-6	16		1.0	5.0	1
06886	Trichlorofluoromethane	75-69-4	N.D.		2.0	5.0	1
06886	1,2,3-Trichloropropane	96-18-4	N.D.		1.0	5.0	1
06886	Vinyl Chloride	75-01-4	56		1.0	5.0	1

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

General Sample Comments

State of New York Certification No. 10670

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

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

Lancaster Laboratories, Inc.
2425 New Holland Pike
PO Box 12425
Lancaster, PA 17605-2425
717-656-2300 Fax: 717-656-2681

Lancaster Laboratories
2425 New Holland Pike • Lancaster, PA 17601

Explanation of Symbols and Abbreviations

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

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

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

> greater than

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

ppm parts per million - One ppm is equivalent to one milligram per kilogram (mg/kg), or one gram per million grams. For aqueous liquids, ppm is usually taken to be equivalent to milligrams per liter (mg/l), because one liter of water has a weight very close to a kilogram. For gases or vapors, one ppm is equivalent to one microliter of gas per liter of gas.

ppb parts per billion

Dry weight basis Results printed under this heading have been adjusted for moisture content. This increases the analyte weight concentration to approximate the value present in a similar sample without moisture. All other results are reported on an as-received basis.

U.S. EPA CLP Data Qualifiers:

Organic Qualifiers

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

Inorganic Qualifiers

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

Analytical test results for methods listed on the laboratories' accreditation scope meet all requirements of NELAC unless otherwise noted under the individual analysis.

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

Tests results relate only to the sample tested. Clients should be aware that a critical step in a chemical or microbiological analysis is the collection of the sample. Unless the sample analyzed is truly representative of the bulk of material involved, the test results will be meaningless. If you have questions regarding the proper techniques of collecting samples, please contact us. We cannot be held responsible for sample integrity, however, unless sampling has been performed by a member of our staff. This report shall not be reproduced except in full, without the written approval of the laboratory.

Lancaster Laboratories

Lancaster Laboratories Sample No. WW 5719621

Group No. 1152788
NY

B-3 Water
BP Sanborn COC: 192703
2040 Cory Dr - Sanborn, NY B-3

Collected: 07/08/2009 15:20 by RCB

Account Number: 12495

Submitted: 07/09/2009 09:10
Reported: 07/16/2009 at 17:26
Discard: 08/16/2009

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

20C03

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
06886	Appendix IX by 8260 - water	SW-846 8260B	1	Y091951AA	07/14/2009 06:31	Matthew S Woods	1
00310	8260B water special scan	SW-846 8260B	1	Y091951AA	07/14/2009 06:31	Matthew S Woods	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	Y091951AA	07/14/2009 06:31	Matthew S Woods	1

Lancaster Laboratories, Inc
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PO Box 12425
Lancaster, PA 17605-2425
717-656-2300 Fax: 717-656-2681

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

Lancaster Laboratories
2425 New Holland Pike • Lancaster, PA 17601

Explanation of Symbols and Abbreviations

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

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

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

> greater than

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

ppm parts per million - One ppm is equivalent to one milligram per kilogram (mg/kg), or one gram per million grams. For aqueous liquids, ppm is usually taken to be equivalent to milligrams per liter (mg/l), because one liter of water has a weight very close to a kilogram. For gases or vapors, one ppm is equivalent to one microliter of gas per liter of gas.

ppb parts per billion

Dry weight basis Results printed under this heading have been adjusted for moisture content. This increases the analyte weight concentration to approximate the value present in a similar sample without moisture. All other results are reported on an as-received basis.

U.S. EPA CLP Data Qualifiers:

Organic Qualifiers		Inorganic Qualifiers	
A	TIC is a possible aldol-condensation product	B	Value is <CRDL, but ≥IDL
B	Analyte was also detected in the blank	E	Estimated due to interference
C	Pesticide result confirmed by GC/MS	M	Duplicate injection precision not met
D	Compound quantitated on a diluted sample	N	Spike sample not within control limits
E	Concentration exceeds the calibration range of the instrument	S	Method of standard additions (MSA) used for calculation
N	Presumptive evidence of a compound (TICs only)	U	Compound was not detected
P	Concentration difference between primary and confirmation columns >25%	W	Post digestion spike out of control limits
U	Compound was not detected	*	Duplicate analysis not within control limits
X,Y,Z	Defined in case narrative	+	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.

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

Tests results relate only to the sample tested. Clients should be aware that a critical step in a chemical or microbiological analysis is the collection of the sample. Unless the sample analyzed is truly representative of the bulk of material involved, the test results will be meaningless. If you have questions regarding the proper techniques of collecting samples, please contact us. We cannot be held responsible for sample integrity, however, unless sampling has been performed by a member of our staff. This report shall not be reproduced except in full, without the written approval of the laboratory.

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.

Lancaster Laboratories

Lancaster Laboratories Sample No. WW 5719622

Group No. 1152788
NY

P-3 Water
BP Sanborn COC: 192703
2040 Cory Dr - Sanborn, NY P-3

Collected: 07/08/2009 15:05 by RCB

Account Number: 12495

Submitted: 07/09/2009 09:10
Reported: 07/16/2009 at 17:26
Discard: 08/16/2009

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

20C-3

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit*	As Received Limit of Quantitation	Dilution Factor
SW-846 8260B	GC/MS Volatiles		ug/l	ug/l	ug/l	
00310	Benzyl Chloride	100-44-7	N.D.	1.0	5.0	1
00310	Bromobenzene	108-86-1	N.D.	1.0	5.0	1
06886	Bromodichloromethane	75-27-4	N.D.	1.0	5.0	1
06886	Bromoform	75-25-2	N.D.	1.0	5.0	1
06886	Bromomethane	74-83-9	N.D.	1.0	5.0	1
06886	Carbon Tetrachloride	56-23-5	N.D.	1.0	5.0	1
06886	Chlorobenzene	108-90-7	N.D.	0.80	5.0	1
06886	Chloroethane	75-00-3	N.D.	1.0	5.0	1
00310	2-Chloroethyl Vinyl Ether	110-75-8	N.D.	2.0	10	1
	2-Chloroethyl vinyl ether may not be recovered if acid was used to preserve this sample.					
06886	Chloroform	67-66-3	N.D.	0.80	5.0	1
06886	Chloromethane	74-87-3	N.D.	1.0	5.0	1
06886	Dibromochloromethane	124-48-1	N.D.	1.0	5.0	1
06886	Dibromomethane	74-95-3	N.D.	1.0	5.0	1
00310	1,2-Dichlorobenzene	95-50-1	N.D.	1.0	5.0	1
00310	1,3-Dichlorobenzene	541-73-1	N.D.	1.0	5.0	1
00310	1,4-Dichlorobenzene	106-46-7	N.D.	1.0	5.0	1
06886	Dichlorodifluoromethane	75-71-8	N.D.	2.0	5.0	1
06886	1,1-Dichloroethane	75-34-3	N.D.	1.0	5.0	1
06886	1,2-Dichloroethane	107-06-2	N.D.	1.0	5.0	1
06886	1,1-Dichloroethene	75-35-4	N.D.	0.80	5.0	1
06886	cis-1,2-Dichloroethene	156-59-2	120	0.80	5.0	1
06886	trans-1,2-Dichloroethene	156-60-5	5.4	0.80	5.0	1
06886	1,2-Dichloropropane	78-87-5	N.D.	1.0	5.0	1
06886	cis-1,3-Dichloropropene	10061-01-5	N.D.	1.0	5.0	1
06886	trans-1,3-Dichloropropene	10061-02-6	N.D.	1.0	5.0	1
06886	Methylene Chloride	75-09-2	N.D.	2.0	5.0	1
06886	1,1,1,2-Tetrachloroethane	630-20-6	N.D.	1.0	5.0	1
06886	1,1,2,2-Tetrachloroethane	79-34-5	N.D.	1.0	5.0	1
06886	Tetrachloroethene	127-18-4	N.D.	0.80	5.0	1
06886	1,1,1-Trichloroethane	71-55-6	N.D.	0.80	5.0	1
06886	1,1,2-Trichloroethane	79-00-5	N.D.	0.80	5.0	1
06886	Trichloroethene	79-01-6	N.D.	1.0	5.0	1
06886	Trichlorofluoromethane	75-69-4	N.D.	2.0	5.0	1
06886	1,2,3-Trichloropropane	96-18-4	N.D.	1.0	5.0	1
06886	Vinyl Chloride	75-01-4	N.D.	1.0	5.0	1

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

General Sample Comments

State of New York Certification No. 10670

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

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

Lancaster Laboratories, Inc
2425 New Holland Pike
PO Box 12425
Lancaster, PA 17605-2425
717-656-2300 Fax. 717-656-2681

Lancaster Laboratories
2425 New Holland Pike • Lancaster, PA 17601

Explanation of Symbols and Abbreviations

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

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

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

> greater than

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

ppm parts per million - One ppm is equivalent to one milligram per kilogram (mg/kg), or one gram per million grams. For aqueous liquids, ppm is usually taken to be equivalent to milligrams per liter (mg/l), because one liter of water has a weight very close to a kilogram. For gases or vapors, one ppm is equivalent to one microliter of gas per liter of gas.

ppb parts per billion

Dry weight basis Results printed under this heading have been adjusted for moisture content. This increases the analyte weight concentration to approximate the value present in a similar sample without moisture. All other results are reported on an as-received basis.

U.S. EPA CLP Data Qualifiers:

Organic Qualifiers

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

Inorganic Qualifiers

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

Analytical test results for methods listed on the laboratories' accreditation scope meet all requirements of NELAC unless otherwise noted under the individual analysis.

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

Tests results relate only to the sample tested. Clients should be aware that a critical step in a chemical or microbiological analysis is the collection of the sample. Unless the sample analyzed is truly representative of the bulk of material involved, the test results will be meaningless. If you have questions regarding the proper techniques of collecting samples, please contact us. We cannot be held responsible for sample integrity, however, unless sampling has been performed by a member of our staff. This report shall not be reproduced except in full, without the written approval of the laboratory.

Lancaster Laboratories

Lancaster Laboratories Sample No. WW 5719622

Group No. 1152788
NY

P-3 Water
BP Sanborn COC: 192703
2040 Cory Dr - Sanborn, NY P-3

Collected: 07/08/2009 15:05 by RCB

Account Number: 12495

Submitted: 07/09/2009 09:10
Reported: 07/16/2009 at 17:26
Discard: 08/16/2009

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

20C-3

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
06886	Appendix IX by 8260 - water	SW-846 8260B	1	Y091951AA	07/14/2009 06:51	Matthew S Woods	1
00310	8260B water special scan	SW-846 8260B	1	Y091951AA	07/14/2009 06:51	Matthew S Woods	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	Y091951AA	07/14/2009 06:51	Matthew S Woods	1

Lancaster Laboratories
2425 New Holland Pike • Lancaster, PA 17601

Explanation of Symbols and Abbreviations

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

RL	Reporting Limit	BMQL	Below Minimum Quantitation Level
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TNTC	Too Numerous To Count	CP Units	cobalt-chloroplatinate units
IU	International Units	NTU	nephelometric turbidity units
umhos/cm	micromhos/cm	ng	nanogram(s)
C	degrees Celsius	F	degrees Fahrenheit
meq	milliequivalents	lb.	pound(s)
g	gram(s)	kg	kilogram(s)
ug	microgram(s)	mg	milligram(s)
ml	milliliter(s)	l	liter(s)
m3	cubic meter(s)	ul	microliter(s)

< 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.

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ppb parts per billion

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Inorganic Qualifiers

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Lancaster Laboratories

Lancaster Laboratories Sample No. WW 5719623

Group No. 1152788
NY

P-3 Matrix Spike Water
BP Sanborn COC: 192703
2040 Cory Dr - Sanborn, NY P-3

Collected: 07/08/2009 15:05 by RCB

Account Number: 12495

Submitted: 07/09/2009 09:10
Reported: 07/16/2009 at 17:26
Discard: 08/16/2009

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

20C-3

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit*	As Received Limit of Quantitation	Dilution Factor
SW-846 8260B	GC/MS Volatiles		ug/l	ug/l	ug/l	
00310	Benzyl Chloride	100-44-7	16	1.0	5.0	1
00310	Bromobenzene	108-86-1	21	1.0	5.0	1
06886	Bromodichloromethane	75-27-4	20	1.0	5.0	1
06886	Bromoform	75-25-2	17	1.0	5.0	1
06886	Bromomethane	74-83-9	19	1.0	5.0	1
06886	Carbon Tetrachloride	56-23-5	22	1.0	5.0	1
06886	Chlorobenzene	108-90-7	22	0.80	5.0	1
06886	Chloroethane	75-00-3	19	1.0	5.0	1
00310	2-Chloroethyl Vinyl Ether	110-75-8	19	2.0	10	1
	2-Chloroethyl vinyl ether may not be recovered if acid was used to preserve this sample.					
06886	Chloroform	67-66-3	22	0.80	5.0	1
06886	Chloromethane	74-87-3	22	1.0	5.0	1
06886	Dibromochloromethane	124-48-1	19	1.0	5.0	1
06886	Dibromomethane	74-95-3	21	1.0	5.0	1
00310	1,2-Dichlorobenzene	95-50-1	21	1.0	5.0	1
00310	1,3-Dichlorobenzene	541-73-1	21	1.0	5.0	1
00310	1,4-Dichlorobenzene	106-46-7	21	1.0	5.0	1
06886	Dichlorodifluoromethane	75-71-8	21	2.0	5.0	1
06886	1,1-Dichloroethane	75-34-3	22	1.0	5.0	1
06886	1,2-Dichloroethane	107-06-2	22	1.0	5.0	1
06886	1,1-Dichloroethene	75-35-4	23	0.80	5.0	1
06886	cis-1,2-Dichloroethene	156-59-2	140	0.80	5.0	1
06886	trans-1,2-Dichloroethene	156-60-5	27	0.80	5.0	1
06886	1,2-Dichloropropane	78-87-5	21	1.0	5.0	1
06886	cis-1,3-Dichloropropene	10061-01-5	21	1.0	5.0	1
06886	trans-1,3-Dichloropropene	10061-02-6	20	1.0	5.0	1
06886	Methylene Chloride	75-09-2	21	2.0	5.0	1
06886	1,1,1,2-Tetrachloroethane	630-20-6	20	1.0	5.0	1
06886	1,1,2,2-Tetrachloroethane	79-34-5	18	1.0	5.0	1
06886	Tetrachloroethene	127-18-4	23	0.80	5.0	1
06886	1,1,1-Trichloroethane	71-55-6	19	0.80	5.0	1
06886	1,1,2-Trichloroethane	79-00-5	21	0.80	5.0	1
06886	Trichloroethene	79-01-6	23	1.0	5.0	1
06886	Trichlorofluoromethane	75-69-4	21	2.0	5.0	1
06886	1,2,3-Trichloropropane	96-18-4	19	1.0	5.0	1
06886	Vinyl Chloride	75-01-4	20	1.0	5.0	1

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

General Sample Comments

State of New York Certification No. 10670

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

Lancaster Laboratories
2425 New Holland Pike • Lancaster, PA 17601

Explanation of Symbols and Abbreviations

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TNTC	Too Numerous To Count	CP Units	cobalt-chloroplatinate units
IU	International Units	NTU	nephelometric turbidity units
umhos/cm	micromhos/cm	ng	nanogram(s)
C	degrees Celsius	F	degrees Fahrenheit
meq	milliequivalents	lb.	pound(s)
g	gram(s)	kg	kilogram(s)
ug	microgram(s)	mg	milligram(s)
ml	milliliter(s)	l	liter(s)
m3	cubic meter(s)	ul	microliter(s)

< 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.

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

ppm parts per million - One ppm is equivalent to one milligram per kilogram (mg/kg), or one gram per million grams. For aqueous liquids, ppm is usually taken to be equivalent to milligrams per liter (mg/l), because one liter of water has a weight very close to a kilogram. For gases or vapors, one ppm is equivalent to one microliter of gas per liter of gas.

ppb parts per billion

Dry weight basis Results printed under this heading have been adjusted for moisture content. This increases the analyte weight concentration to approximate the value present in a similar sample without moisture. All other results are reported on an as-received basis.

U.S. EPA CLP Data Qualifiers:

Organic Qualifiers

A	TIC is a possible aldol-condensation product
B	Analyte was also detected in the blank
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E	Concentration exceeds the calibration range of the instrument
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P	Concentration difference between primary and confirmation columns >25%
U	Compound was not detected
X,Y,Z	Defined in case narrative

Inorganic Qualifiers

B	Value is <CRDL, but ≥IDL
E	Estimated due to interference
M	Duplicate injection precision not met
N	Spike sample not within control limits
S	Method of standard additions (MSA) used for calculation
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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.

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

Tests results relate only to the sample tested. Clients should be aware that a critical step in a chemical or microbiological analysis is the collection of the sample. Unless the sample analyzed is truly representative of the bulk of material involved, the test results will be meaningless. If you have questions regarding the proper techniques of collecting samples, please contact us. We cannot be held responsible for sample integrity, however, unless sampling has been performed by a member of our staff. This report shall not be reproduced except in full, without the written approval of the laboratory.

Lancaster Laboratories

Lancaster Laboratories Sample No. WW 5719623

Group No. 1152788
NY

P-3 Matrix Spike Water
BP Sanborn COC: 192703
2040 Cory Dr - Sanborn, NY P-3

Collected: 07/08/2009 15:05 by RCB

Account Number: 12495

Submitted: 07/09/2009 09:10
Reported: 07/16/2009 at 17:26
Discard: 08/16/2009

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

20C-3

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
06886	Appendix IX by 8260 - water	SW-846 8260B	1	Y091951AA	07/14/2009 07:12	Matthew S Woods	1
00310	8260B water special scan	SW-846 8260B	1	Y091951AA	07/14/2009 07:12	Matthew S Woods	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	Y091951AA	07/14/2009 07:12	Matthew S Woods	1

Lancaster Laboratories
2425 New Holland Pike • Lancaster, PA 17601

Explanation of Symbols and Abbreviations

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

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IU	International Units	**NTU**	nephelometric turbidity units
umhos/cm	micromhos/cm	**ng**	nanogram(s)
C	degrees Celsius	**F**	degrees Fahrenheit
meq	milliequivalents	**lb.**	pound(s)
g	gram(s)	**kg**	kilogram(s)
ug	microgram(s)	**mg**	milligram(s)
ml	milliliter(s)	**l**	liter(s)
m3	cubic meter(s)	**ul**	microliter(s)

< 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.

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

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ppb parts per billion

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Organic Qualifiers

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P	Concentration difference between primary and confirmation columns >25%
U	Compound was not detected
X,Y,Z	Defined in case narrative

Inorganic Qualifiers

B	Value is <CRDL, but ≥IDL
E	Estimated due to interference
M	Duplicate injection precision not met
N	Spike sample not within control limits
S	Method of standard additions (MSA) used for calculation
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Lancaster Laboratories

Lancaster Laboratories Sample No. WW 5719624

Group No. 1152788
NY

P-3 Matrix Spike Dup Water
BP Sanborn COC: 192703
2040 Cory Dr - Sanborn, NY P-3

Collected: 07/08/2009 15:05 by RCB

Account Number: 12495

Submitted: 07/09/2009 09:10
Reported: 07/16/2009 at 17:26
Discard: 08/16/2009

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

20C-3

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit*	As Received Limit of Quantitation	Dilution Factor
SW-846 8260B	GC/MS Volatiles		ug/l	ug/l	ug/l	
00310	Benzyl Chloride	100-44-7	16	1.0	5.0	1
00310	Bromobenzene	108-86-1	20	1.0	5.0	1
06886	Bromodichloromethane	75-27-4	20	1.0	5.0	1
06886	Bromoform	75-25-2	18	1.0	5.0	1
06886	Bromomethane	74-83-9	19	1.0	5.0	1
06886	Carbon Tetrachloride	56-23-5	22	1.0	5.0	1
06886	Chlorobenzene	108-90-7	21	0.80	5.0	1
06886	Chloroethane	75-00-3	19	1.0	5.0	1
00310	2-Chloroethyl Vinyl Ether	110-75-8	20	2.0	10	1
	2-Chloroethyl vinyl ether may not be recovered if acid was used to preserve this sample.					
06886	Chloroform	67-66-3	22	0.80	5.0	1
06886	Chloromethane	74-87-3	22	1.0	5.0	1
06886	Dibromochloromethane	124-48-1	19	1.0	5.0	1
06886	Dibromomethane	74-95-3	21	1.0	5.0	1
00310	1,2-Dichlorobenzene	95-50-1	20	1.0	5.0	1
00310	1,3-Dichlorobenzene	541-73-1	20	1.0	5.0	1
00310	1,4-Dichlorobenzene	106-46-7	20	1.0	5.0	1
06886	Dichlorodifluoromethane	75-71-8	21	2.0	5.0	1
06886	1,1-Dichloroethane	75-34-3	22	1.0	5.0	1
06886	1,2-Dichloroethane	107-06-2	21	1.0	5.0	1
06886	1,1-Dichloroethene	75-35-4	23	0.80	5.0	1
06886	cis-1,2-Dichloroethene	156-59-2	140	0.80	5.0	1
06886	trans-1,2-Dichloroethene	156-60-5	27	0.80	5.0	1
06886	1,2-Dichloropropane	78-87-5	21	1.0	5.0	1
06886	cis-1,3-Dichloropropene	10061-01-5	20	1.0	5.0	1
06886	trans-1,3-Dichloropropene	10061-02-6	19	1.0	5.0	1
06886	Methylene Chloride	75-09-2	21	2.0	5.0	1
06886	1,1,1,2-Tetrachloroethane	630-20-6	20	1.0	5.0	1
06886	1,1,2,2-Tetrachloroethane	79-34-5	18	1.0	5.0	1
06886	Tetrachloroethene	127-18-4	23	0.80	5.0	1
06886	1,1,1-Trichloroethane	71-55-6	19	0.80	5.0	1
06886	1,1,2-Trichloroethane	79-00-5	20	0.80	5.0	1
06886	Trichloroethene	79-01-6	23	1.0	5.0	1
06886	Trichlorofluoromethane	75-69-4	21	2.0	5.0	1
06886	1,2,3-Trichloropropane	96-18-4	19	1.0	5.0	1
06886	Vinyl Chloride	75-01-4	20	1.0	5.0	1

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

General Sample Comments

State of New York Certification No. 10670

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

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

Lancaster Laboratories
2425 New Holland Pike • Lancaster, PA 17601

Explanation of Symbols and Abbreviations

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ppb parts per billion

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U.S. EPA CLP Data Qualifiers:

Organic Qualifiers		Inorganic Qualifiers	
A	TIC is a possible aldol-condensation product	B	Value is <CRDL, but ≥IDL
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C	Pesticide result confirmed by GC/MS	M	Duplicate injection precision not met
D	Compound quantitated on a diluted sample	N	Spike sample not within control limits
E	Concentration exceeds the calibration range of the instrument	S	Method of standard additions (MSA) used for calculation
N	Presumptive evidence of a compound (TICs only)	U	Compound was not detected
P	Concentration difference between primary and confirmation columns >25%	W	Post digestion spike out of control limits
U	Compound was not detected	*	Duplicate analysis not within control limits
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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.

Lancaster Laboratories

Lancaster Laboratories Sample No. WW 5719624

Group No. 1152788
NY

P-3 Matrix Spike Dup Water
BP Sanborn COC: 192703
2040 Cory Dr - Sanborn, NY P-3

Collected: 07/08/2009 15:05 by RCB

Account Number: 12495

Submitted: 07/09/2009 09:10
Reported: 07/16/2009 at 17:26
Discard: 08/16/2009

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

20C-3

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
06886	Appendix IX by 8260 - water	SW-846 8260B	1	Y091951AA	07/14/2009 07:33	Matthew S Woods	1
00310	8260B water special scan	SW-846 8260B	1	Y091951AA	07/14/2009 07:33	Matthew S Woods	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	Y091951AA	07/14/2009 07:33	Matthew S Woods	1

Lancaster Laboratories
2425 New Holland Pike • Lancaster, PA 17601

Explanation of Symbols and Abbreviations

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

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

<	less than - The number following the sign is the limit of quantitation, the smallest amount of analyte which can be reliably determined using this specific test.
>	greater than
J	estimated value – The result is ≥ the Method Detection Limit (MDL) and < the Limit of Quantitation (LOQ).
ppm	parts per million - One ppm is equivalent to one milligram per kilogram (mg/kg), or one gram per million grams. For aqueous liquids, ppm is usually taken to be equivalent to milligrams per liter (mg/l), because one liter of water has a weight very close to a kilogram. For gases or vapors, one ppm is equivalent to one microliter of gas per liter of gas.
ppb	parts per billion
Dry weight basis	Results printed under this heading have been adjusted for moisture content. This increases the analyte weight concentration to approximate the value present in a similar sample without moisture. All other results are reported on an as-received basis.

U.S. EPA CLP Data Qualifiers:

Organic Qualifiers		Inorganic Qualifiers	
A	TIC is a possible aldol-condensation product	B	Value is <CRDL, but ≥IDL
B	Analyte was also detected in the blank	E	Estimated due to interference
C	Pesticide result confirmed by GC/MS	M	Duplicate injection precision not met
D	Compound quantitated on a diluted sample	N	Spike sample not within control limits
E	Concentration exceeds the calibration range of the instrument	S	Method of standard additions (MSA) used for calculation
N	Presumptive evidence of a compound (TICs only)	U	Compound was not detected
P	Concentration difference between primary and confirmation columns >25%	W	Post digestion spike out of control limits
U	Compound was not detected	*	Duplicate analysis not within control limits
X,Y,Z	Defined in case narrative	+	Correlation coefficient for MSA <0.995

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Lancaster Laboratories

Lancaster Laboratories Sample No. WW 5719625

Group No. 1152788
NY

B-60 Water
BP Sanborn COC: 192703
2040 Cory Dr - Sanborn, NY B-60

Collected: 07/08/2009 14:25 by RCB

Account Number: 12495

Submitted: 07/09/2009 09:10
Reported: 07/16/2009 at 17:26
Discard: 08/16/2009

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

20C60

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit*	As Received Limit of Quantitation	Dilution Factor
SW-846 8260B	GC/MS Volatiles		ug/l	ug/l	ug/l	
00310	Benzyl Chloride	100-44-7	N.D.	1.0	5.0	1
00310	Bromobenzene	108-86-1	N.D.	1.0	5.0	1
06886	Bromodichloromethane	75-27-4	N.D.	1.0	5.0	1
06886	Bromoform	75-25-2	N.D.	1.0	5.0	1
06886	Bromomethane	74-83-9	N.D.	1.0	5.0	1
06886	Carbon Tetrachloride	56-23-5	N.D.	1.0	5.0	1
06886	Chlorobenzene	108-90-7	N.D.	0.80	5.0	1
06886	Chloroethane	75-00-3	N.D.	1.0	5.0	1
00310	2-Chloroethyl Vinyl Ether	110-75-8	N.D.	2.0	10	1
	2-Chloroethyl vinyl ether may not be recovered if acid was used to preserve this sample.					
06886	Chloroform	67-66-3	N.D.	0.80	5.0	1
06886	Chloromethane	74-87-3	N.D.	1.0	5.0	1
06886	Dibromochloromethane	124-48-1	N.D.	1.0	5.0	1
06886	Dibromomethane	74-95-3	N.D.	1.0	5.0	1
00310	1,2-Dichlorobenzene	95-50-1	N.D.	1.0	5.0	1
00310	1,3-Dichlorobenzene	541-73-1	N.D.	1.0	5.0	1
00310	1,4-Dichlorobenzene	106-46-7	N.D.	1.0	5.0	1
06886	Dichlorodifluoromethane	75-71-8	N.D.	2.0	5.0	1
06886	1,1-Dichloroethane	75-34-3	N.D.	1.0	5.0	1
06886	1,2-Dichloroethane	107-06-2	N.D.	1.0	5.0	1
06886	1,1-Dichloroethene	75-35-4	N.D.	0.80	5.0	1
06886	cis-1,2-Dichloroethene	156-59-2	N.D.	0.80	5.0	1
06886	trans-1,2-Dichloroethene	156-60-5	N.D.	0.80	5.0	1
06886	1,2-Dichloropropane	78-87-5	N.D.	1.0	5.0	1
06886	cis-1,3-Dichloropropene	10061-01-5	N.D.	1.0	5.0	1
06886	trans-1,3-Dichloropropene	10061-02-6	N.D.	1.0	5.0	1
06886	Methylene Chloride	75-09-2	N.D.	2.0	5.0	1
06886	1,1,1,2-Tetrachloroethane	630-20-6	N.D.	1.0	5.0	1
06886	1,1,2,2-Tetrachloroethane	79-34-5	N.D.	1.0	5.0	1
06886	Tetrachloroethene	127-18-4	N.D.	0.80	5.0	1
06886	1,1,1-Trichloroethane	71-55-6	N.D.	0.80	5.0	1
06886	1,1,2-Trichloroethane	79-00-5	N.D.	0.80	5.0	1
06886	Trichloroethene	79-01-6	N.D.	1.0	5.0	1
06886	Trichlorofluoromethane	75-69-4	N.D.	2.0	5.0	1
06886	1,2,3-Trichloropropane	96-18-4	N.D.	1.0	5.0	1
06886	Vinyl Chloride	75-01-4	N.D.	1.0	5.0	1

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

General Sample Comments

State of New York Certification No. 10670

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

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

Lancaster Laboratories, Inc.
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Lancaster, PA 17605-2425
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Lancaster Laboratories
2425 New Holland Pike • Lancaster, PA 17601

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umhos/cm	micromhos/cm	ng	nanogram(s)
C	degrees Celsius	F	degrees Fahrenheit
meq	milliequivalents	lb.	pound(s)
g	gram(s)	kg	kilogram(s)
ug	microgram(s)	mg	milligram(s)
ml	milliliter(s)	l	liter(s)
m3	cubic meter(s)	ul	microliter(s)

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> greater than

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

ppm parts per million - One ppm is equivalent to one milligram per kilogram (mg/kg), or one gram per million grams. For aqueous liquids, ppm is usually taken to be equivalent to milligrams per liter (mg/l), because one liter of water has a weight very close to a kilogram. For gases or vapors, one ppm is equivalent to one microliter of gas per liter of gas.

ppb parts per billion

Dry weight basis Results printed under this heading have been adjusted for moisture content. This increases the analyte weight concentration to approximate the value present in a similar sample without moisture. All other results are reported on an as-received basis.

U.S. EPA CLP Data Qualifiers:

Organic Qualifiers		Inorganic Qualifiers	
A	TIC is a possible aldol-condensation product	B	Value is <CRDL, but ≥IDL
B	Analyte was also detected in the blank	E	Estimated due to interference
C	Pesticide result confirmed by GC/MS	M	Duplicate injection precision not met
D	Compound quantitated on a diluted sample	N	Spike sample not within control limits
E	Concentration exceeds the calibration range of the instrument	S	Method of standard additions (MSA) used for calculation
N	Presumptive evidence of a compound (TICs only)	U	Compound was not detected
P	Concentration difference between primary and confirmation columns >25%	W	Post digestion spike out of control limits
U	Compound was not detected	*	Duplicate analysis not within control limits
X,Y,Z	Defined in case narrative	+	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.

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Lancaster Laboratories

Lancaster Laboratories Sample No. WW 5719625

Group No. 1152788
NY

B-60 Water
BP Sanborn COC: 192703
2040 Cory Dr - Sanborn, NY B-60

Collected: 07/08/2009 14:25 by RCB

Account Number: 12495

Submitted: 07/09/2009 09:10
Reported: 07/16/2009 at 17:26
Discard: 08/16/2009

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

20C60

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
06886	Appendix IX by 8260 - water	SW-846 8260B	1	Y091951AA	07/14/2009 07:54	Matthew S Woods	1
00310	8260B water special scan	SW-846 8260B	1	Y091951AA	07/14/2009 07:54	Matthew S Woods	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	Y091951AA	07/14/2009 07:54	Matthew S Woods	1

Lancaster Laboratories, Inc.
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PO Box 12425
Lancaster, PA 17605-2425
717-656-2300 Fax: 717-656-2681

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

Lancaster Laboratories
2425 New Holland Pike • Lancaster, PA 17601

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meq	milliequivalents	lb.	pound(s)
g	gram(s)	kg	kilogram(s)
ug	microgram(s)	mg	milligram(s)
ml	milliliter(s)	l	liter(s)
m3	cubic meter(s)	ul	microliter(s)

< 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.

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

ppm parts per million - One ppm is equivalent to one milligram per kilogram (mg/kg), or one gram per million grams. For aqueous liquids, ppm is usually taken to be equivalent to milligrams per liter (mg/l), because one liter of water has a weight very close to a kilogram. For gases or vapors, one ppm is equivalent to one microliter of gas per liter of gas.

ppb parts per billion

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U.S. EPA CLP Data Qualifiers:

Organic Qualifiers

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

Inorganic Qualifiers

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

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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.

Lancaster Laboratories

Lancaster Laboratories Sample No. WW 5719626

Group No. 1152788
NY

B-61 Water
BP Sanborn COC: 192703
2040 Cory Dr - Sanborn, NY B-61

Collected: 07/08/2009 14:15 by RCB

Account Number: 12495

Submitted: 07/09/2009 09:10
Reported: 07/16/2009 at 17:26
Discard: 08/16/2009

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

20C61

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit*	As Received Limit of Quantitation	Dilution Factor
SW-846 8260B	GC/MS Volatiles		ug/l	ug/l	ug/l	
00310	Benzyl Chloride	100-44-7	N.D.	1.0	5.0	1
00310	Bromobenzene	108-86-1	N.D.	1.0	5.0	1
06886	Bromodichloromethane	75-27-4	N.D.	1.0	5.0	1
06886	Bromoform	75-25-2	N.D.	1.0	5.0	1
06886	Bromomethane	74-83-9	N.D.	1.0	5.0	1
06886	Carbon Tetrachloride	56-23-5	N.D.	1.0	5.0	1
06886	Chlorobenzene	108-90-7	N.D.	0.80	5.0	1
06886	Chloroethane	75-00-3	N.D.	1.0	5.0	1
00310	2-Chloroethyl Vinyl Ether	110-75-8	N.D.	2.0	10	1
	2-Chloroethyl vinyl ether may not be recovered if acid was used to preserve this sample.					
06886	Chloroform	67-66-3	N.D.	0.80	5.0	1
06886	Chloromethane	74-87-3	N.D.	1.0	5.0	1
06886	Dibromochloromethane	124-48-1	N.D.	1.0	5.0	1
06886	Dibromomethane	74-95-3	N.D.	1.0	5.0	1
00310	1,2-Dichlorobenzene	95-50-1	N.D.	1.0	5.0	1
00310	1,3-Dichlorobenzene	541-73-1	N.D.	1.0	5.0	1
00310	1,4-Dichlorobenzene	106-46-7	N.D.	1.0	5.0	1
06886	Dichlorodifluoromethane	75-71-8	N.D.	2.0	5.0	1
06886	1,1-Dichloroethane	75-34-3	N.D.	1.0	5.0	1
06886	1,2-Dichloroethane	107-06-2	N.D.	1.0	5.0	1
06886	1,1-Dichloroethene	75-35-4	N.D.	0.80	5.0	1
06886	cis-1,2-Dichloroethene	156-59-2	N.D.	0.80	5.0	1
06886	trans-1,2-Dichloroethene	156-60-5	N.D.	0.80	5.0	1
06886	1,2-Dichloropropane	78-87-5	N.D.	1.0	5.0	1
06886	cis-1,3-Dichloropropene	10061-01-5	N.D.	1.0	5.0	1
06886	trans-1,3-Dichloropropene	10061-02-6	N.D.	1.0	5.0	1
06886	Methylene Chloride	75-09-2	N.D.	2.0	5.0	1
06886	1,1,1,2-Tetrachloroethane	630-20-6	N.D.	1.0	5.0	1
06886	1,1,2,2-Tetrachloroethane	79-34-5	N.D.	1.0	5.0	1
06886	Tetrachloroethene	127-18-4	N.D.	0.80	5.0	1
06886	1,1,1-Trichloroethane	71-55-6	N.D.	0.80	5.0	1
06886	1,1,2-Trichloroethane	79-00-5	N.D.	0.80	5.0	1
06886	Trichloroethene	79-01-6	N.D.	1.0	5.0	1
06886	Trichlorofluoromethane	75-69-4	N.D.	2.0	5.0	1
06886	1,2,3-Trichloropropane	96-18-4	N.D.	1.0	5.0	1
06886	Vinyl Chloride	75-01-4	N.D.	1.0	5.0	1

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

General Sample Comments

State of New York Certification No. 10670

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

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Lancaster Laboratories

Lancaster Laboratories Sample No. WW 5719626

Group No. 1152788
NY

B-61 Water
BP Sanborn COC: 192703
2040 Cory Dr - Sanborn, NY B-61

Collected: 07/08/2009 14:15 by RCB

Account Number: 12495

Submitted: 07/09/2009 09:10
Reported: 07/16/2009 at 17:26
Discard: 08/16/2009

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

20C61

Laboratory Sample Analysis Record

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00310	8260B water special scan	SW-846 8260B	1	Y091951AA	07/14/2009 08:15	Matthew S Woods	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	Y091951AA	07/14/2009 08:15	Matthew S Woods	1

Lancaster Laboratories
2425 New Holland Pike • Lancaster, PA 17601

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

ppm parts per million - One ppm is equivalent to one milligram per kilogram (mg/kg), or one gram per million grams. For aqueous liquids, ppm is usually taken to be equivalent to milligrams per liter (mg/l), because one liter of water has a weight very close to a kilogram. For gases or vapors, one ppm is equivalent to one microliter of gas per liter of gas.

ppb parts per billion

Dry weight basis Results printed under this heading have been adjusted for moisture content. This increases the analyte weight concentration to approximate the value present in a similar sample without moisture. All other results are reported on an as-received basis.

U.S. EPA CLP Data Qualifiers:

Organic Qualifiers		Inorganic Qualifiers	
A	TIC is a possible aldol-condensation product	B	Value is <CRDL, but ≥IDL
B	Analyte was also detected in the blank	E	Estimated due to interference
C	Pesticide result confirmed by GC/MS	M	Duplicate injection precision not met
D	Compound quantitated on a diluted sample	N	Spike sample not within control limits
E	Concentration exceeds the calibration range of the instrument	S	Method of standard additions (MSA) used for calculation
N	Presumptive evidence of a compound (TICs only)	U	Compound was not detected
P	Concentration difference between primary and confirmation columns >25%	W	Post digestion spike out of control limits
U	Compound was not detected	*	Duplicate analysis not within control limits
X,Y,Z	Defined in case narrative	+	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.

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

Tests results relate only to the sample tested. Clients should be aware that a critical step in a chemical or microbiological analysis is the collection of the sample. Unless the sample analyzed is truly representative of the bulk of material involved, the test results will be meaningless. If you have questions regarding the proper techniques of collecting samples, please contact us. We cannot be held responsible for sample integrity, however, unless sampling has been performed by a member of our staff. This report shall not be reproduced except in full, without the written approval of the laboratory.

Lancaster Laboratories

Lancaster Laboratories Sample No. WW 5719627

Group No. 1152788
NY

B-59 Water
BP Sanborn COC: 192703
2040 Cory Dr - Sanborn, NY B-59

Collected: 07/08/2009 13:43 by RCB

Account Number: 12495

Submitted: 07/09/2009 09:10
Reported: 07/16/2009 at 17:26
Discard: 08/16/2009

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

20C59

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit*	As Received Limit of Quantitation	Dilution Factor
SW-846 8260B	GC/MS Volatiles		ug/l	ug/l	ug/l	
00310	Benzyl Chloride	100-44-7	N.D.	1.0	5.0	1
00310	Bromobenzene	108-86-1	N.D.	1.0	5.0	1
06886	Bromodichloromethane	75-27-4	N.D.	1.0	5.0	1
06886	Bromoform	75-25-2	N.D.	1.0	5.0	1
06886	Bromomethane	74-83-9	N.D.	1.0	5.0	1
06886	Carbon Tetrachloride	56-23-5	N.D.	1.0	5.0	1
06886	Chlorobenzene	108-90-7	N.D.	0.80	5.0	1
06886	Chloroethane	75-00-3	N.D.	1.0	5.0	1
00310	2-Chloroethyl Vinyl Ether	110-75-8	N.D.	2.0	10	1
	2-Chloroethyl vinyl ether may not be recovered if acid was used to preserve this sample.					
06886	Chloroform	67-66-3	N.D.	0.80	5.0	1
06886	Chloromethane	74-87-3	N.D.	1.0	5.0	1
06886	Dibromochloromethane	124-48-1	N.D.	1.0	5.0	1
06886	Dibromomethane	74-95-3	N.D.	1.0	5.0	1
00310	1,2-Dichlorobenzene	95-50-1	N.D.	1.0	5.0	1
00310	1,3-Dichlorobenzene	541-73-1	N.D.	1.0	5.0	1
00310	1,4-Dichlorobenzene	106-46-7	N.D.	1.0	5.0	1
06886	Dichlorodifluoromethane	75-71-8	N.D.	2.0	5.0	1
06886	1,1-Dichloroethane	75-34-3	N.D.	1.0	5.0	1
06886	1,2-Dichloroethane	107-06-2	N.D.	1.0	5.0	1
06886	1,1-Dichloroethene	75-35-4	N.D.	0.80	5.0	1
06886	cis-1,2-Dichloroethene	156-59-2	N.D.	0.80	5.0	1
06886	trans-1,2-Dichloroethene	156-60-5	N.D.	0.80	5.0	1
06886	1,2-Dichloropropane	78-87-5	N.D.	1.0	5.0	1
06886	cis-1,3-Dichloropropene	10061-01-5	N.D.	1.0	5.0	1
06886	trans-1,3-Dichloropropene	10061-02-6	N.D.	1.0	5.0	1
06886	Methylene Chloride	75-09-2	N.D.	2.0	5.0	1
06886	1,1,1,2-Tetrachloroethane	630-20-6	N.D.	1.0	5.0	1
06886	1,1,2,2-Tetrachloroethane	79-34-5	N.D.	1.0	5.0	1
06886	Tetrachloroethene	127-18-4	N.D.	0.80	5.0	1
06886	1,1,1-Trichloroethane	71-55-6	N.D.	0.80	5.0	1
06886	1,1,2-Trichloroethane	79-00-5	N.D.	0.80	5.0	1
06886	Trichloroethene	79-01-6	N.D.	1.0	5.0	1
06886	Trichlorofluoromethane	75-69-4	N.D.	2.0	5.0	1
06886	1,2,3-Trichloropropane	96-18-4	N.D.	1.0	5.0	1
06886	Vinyl Chloride	75-01-4	N.D.	1.0	5.0	1

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

General Sample Comments

State of New York Certification No. 10670

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

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

Lancaster Laboratories, Inc.
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PO Box 12425
Lancaster, PA 17605-2425
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Lancaster Laboratories
2425 New Holland Pike • Lancaster, PA 17601

Explanation of Symbols and Abbreviations

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RL	Reporting Limit	BMQL	Below Minimum Quantitation Level
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TNTC	Too Numerous To Count	CP Units	cobalt-chloroplatinate units
IU	International Units	NTU	nephelometric turbidity units
umhos/cm	micromhos/cm	ng	nanogram(s)
C	degrees Celsius	F	degrees Fahrenheit
meq	milliequivalents	lb.	pound(s)
g	gram(s)	kg	kilogram(s)
ug	microgram(s)	mg	milligram(s)
ml	milliliter(s)	l	liter(s)
m3	cubic meter(s)	ul	microliter(s)

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

> greater than

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

ppm parts per million - One ppm is equivalent to one milligram per kilogram (mg/kg), or one gram per million grams. For aqueous liquids, ppm is usually taken to be equivalent to milligrams per liter (mg/l), because one liter of water has a weight very close to a kilogram. For gases or vapors, one ppm is equivalent to one microliter of gas per liter of gas.

ppb parts per billion

Dry weight basis Results printed under this heading have been adjusted for moisture content. This increases the analyte weight concentration to approximate the value present in a similar sample without moisture. All other results are reported on an as-received basis.

U.S. EPA CLP Data Qualifiers:

Organic Qualifiers

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

Inorganic Qualifiers

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

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Lancaster Laboratories

Lancaster Laboratories Sample No. WW 5719627

Group No. 1152788
NY

B-59 Water
BP Sanborn COC: 192703
2040 Cory Dr - Sanborn, NY B-59

Collected: 07/08/2009 13:43 by RCB

Account Number: 12495

Submitted: 07/09/2009 09:10
Reported: 07/16/2009 at 17:26
Discard: 08/16/2009

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

20C59

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
06886	Appendix IX by 8260 - water	SW-846 8260B	1	Y091951AA	07/14/2009 08:36	Matthew S Woods	1
00310	8260B water special scan	SW-846 8260B	1	Y091951AA	07/14/2009 08:36	Matthew S Woods	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	Y091951AA	07/14/2009 08:36	Matthew S Woods	1

Lancaster Laboratories
2425 New Holland Pike • Lancaster, PA 17601

Explanation of Symbols and Abbreviations

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

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

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

> greater than

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

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ppb parts per billion

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Organic Qualifiers		Inorganic Qualifiers	
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B	Analyte was also detected in the blank	E	Estimated due to interference
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D	Compound quantitated on a diluted sample	N	Spike sample not within control limits
E	Concentration exceeds the calibration range of the instrument	S	Method of standard additions (MSA) used for calculation
N	Presumptive evidence of a compound (TICs only)	U	Compound was not detected
P	Concentration difference between primary and confirmation columns >25%	W	Post digestion spike out of control limits
U	Compound was not detected	*	Duplicate analysis not within control limits
X,Y,Z	Defined in case narrative	+	Correlation coefficient for MSA <0.995

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Lancaster Laboratories

Lancaster Laboratories Sample No. WW 5719628

Group No. 1152788
NY

B-15 Water
BP Sanborn COC: 192703
2040 Cory Dr - Sanborn, NY B-15

Collected: 07/08/2009 13:30 by RCB

Account Number: 12495

Submitted: 07/09/2009 09:10
Reported: 07/16/2009 at 17:26
Discard: 08/16/2009

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

20C15

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit*	As Received Limit of Quantitation	Dilution Factor
SW-846 8260B	GC/MS Volatiles		ug/l	ug/l	ug/l	
00310	Benzyl Chloride	100-44-7	N.D.	1.0	5.0	1
00310	Bromobenzene	108-86-1	N.D.	1.0	5.0	1
06886	Bromodichloromethane	75-27-4	N.D.	1.0	5.0	1
06886	Bromoform	75-25-2	N.D.	1.0	5.0	1
06886	Bromomethane	74-83-9	N.D.	1.0	5.0	1
06886	Carbon Tetrachloride	56-23-5	N.D.	1.0	5.0	1
06886	Chlorobenzene	108-90-7	N.D.	0.80	5.0	1
06886	Chloroethane	75-00-3	N.D.	1.0	5.0	1
00310	2-Chloroethyl Vinyl Ether	110-75-8	N.D.	2.0	10	1
	2-Chloroethyl vinyl ether may not be recovered if acid was used to preserve this sample.					
06886	Chloroform	67-66-3	N.D.	0.80	5.0	1
06886	Chloromethane	74-87-3	N.D.	1.0	5.0	1
06886	Dibromochloromethane	124-48-1	N.D.	1.0	5.0	1
06886	Dibromomethane	74-95-3	N.D.	1.0	5.0	1
00310	1,2-Dichlorobenzene	95-50-1	N.D.	1.0	5.0	1
00310	1,3-Dichlorobenzene	541-73-1	N.D.	1.0	5.0	1
00310	1,4-Dichlorobenzene	106-46-7	N.D.	1.0	5.0	1
06886	Dichlorodifluoromethane	75-71-8	N.D.	2.0	5.0	1
06886	1,1-Dichloroethane	75-34-3	N.D.	1.0	5.0	1
06886	1,2-Dichloroethane	107-06-2	N.D.	1.0	5.0	1
06886	1,1-Dichloroethene	75-35-4	N.D.	0.80	5.0	1
06886	cis-1,2-Dichloroethene	156-59-2	N.D.	0.80	5.0	1
06886	trans-1,2-Dichloroethene	156-60-5	N.D.	0.80	5.0	1
06886	1,2-Dichloropropane	78-87-5	N.D.	1.0	5.0	1
06886	cis-1,3-Dichloropropene	10061-01-5	N.D.	1.0	5.0	1
06886	trans-1,3-Dichloropropene	10061-02-6	N.D.	1.0	5.0	1
06886	Methylene Chloride	75-09-2	N.D.	2.0	5.0	1
06886	1,1,1,2-Tetrachloroethane	630-20-6	N.D.	1.0	5.0	1
06886	1,1,2,2-Tetrachloroethane	79-34-5	N.D.	1.0	5.0	1
06886	Tetrachloroethene	127-18-4	N.D.	0.80	5.0	1
06886	1,1,1-Trichloroethane	71-55-6	N.D.	0.80	5.0	1
06886	1,1,2-Trichloroethane	79-00-5	N.D.	0.80	5.0	1
06886	Trichloroethene	79-01-6	N.D.	1.0	5.0	1
06886	Trichlorofluoromethane	75-69-4	N.D.	2.0	5.0	1
06886	1,2,3-Trichloropropane	96-18-4	N.D.	1.0	5.0	1
06886	Vinyl Chloride	75-01-4	N.D.	1.0	5.0	1

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

General Sample Comments

State of New York Certification No. 10670

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

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

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2425 New Holland Pike
PO Box 12425
Lancaster, PA 17605-2425
717-656-2300 Fax. 717-656-2681

Lancaster Laboratories
2425 New Holland Pike • Lancaster, PA 17601

Explanation of Symbols and Abbreviations

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umhos/cm	micromhos/cm	ng	nanogram(s)
C	degrees Celsius	F	degrees Fahrenheit
meq	milliequivalents	lb.	pound(s)
g	gram(s)	kg	kilogram(s)
ug	microgram(s)	mg	milligram(s)
ml	milliliter(s)	l	liter(s)
m3	cubic meter(s)	ul	microliter(s)

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> greater than

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

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ppb parts per billion

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Inorganic Qualifiers

B	Value is <CRDL, but ≥IDL
E	Estimated due to interference
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Lancaster Laboratories

Lancaster Laboratories Sample No. WW 5719628

Group No. 1152788
NY

B-15 Water
BP Sanborn COC: 192703
2040 Cory Dr - Sanborn, NY B-15

Collected: 07/08/2009 13:30 by RCB

Account Number: 12495

Submitted: 07/09/2009 09:10
Reported: 07/16/2009 at 17:26
Discard: 08/16/2009

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

20C15

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
06886	Appendix IX by 8260 - water	SW-846 8260B	1	Y091951AA	07/14/2009 08:57	Matthew S Woods	1
00310	8260B water special scan	SW-846 8260B	1	Y091951AA	07/14/2009 08:57	Matthew S Woods	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	Y091951AA	07/14/2009 08:57	Matthew S Woods	1

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umhos/cm	micromhos/cm	**ng**	nanogram(s)
C	degrees Celsius	**F**	degrees Fahrenheit
meq	milliequivalents	**lb.**	pound(s)
g	gram(s)	**kg**	kilogram(s)
ug	microgram(s)	**mg**	milligram(s)
ml	milliliter(s)	**l**	liter(s)
m3	cubic meter(s)	**ul**	microliter(s)

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E	Concentration exceeds the calibration range of the instrument
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B	Value is <CRDL, but ≥IDL
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Lancaster Laboratories

Quality Control Summary

Client Name: Atlantic Richfield(Parsons-NY) Group Number: 1152788
Reported: 07/16/09 at 05:26 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: Y091951AA	Sample number(s): 5719612-5719628								
Benzyl Chloride	N.D.	1.0	5.0	ug/l	86		65-118		
Bromobenzene	N.D.	1.0	5.0	ug/l	101		83-109		
Bromodichloromethane	N.D.	1.0	5.0	ug/l	101		79-118		
Bromoform	N.D.	1.0	5.0	ug/l	91		67-112		
Bromomethane	N.D.	1.0	5.0	ug/l	90		45-126		
Carbon Tetrachloride	N.D.	1.0	5.0	ug/l	104		75-123		
Chlorobenzene	N.D.	0.80	5.0	ug/l	104		82-111		
Chloroethane	N.D.	1.0	5.0	ug/l	88		55-119		
2-Chloroethyl Vinyl Ether	N.D.	2.0	10	ug/l	101		39-151		
Chloroform	N.D.	0.80	5.0	ug/l	107		77-122		
Chloromethane	N.D.	1.0	5.0	ug/l	105		65-134		
Dibromochloromethane	N.D.	1.0	5.0	ug/l	96		78-113		
Dibromomethane	N.D.	1.0	5.0	ug/l	103		84-115		
1,2-Dichlorobenzene	N.D.	1.0	5.0	ug/l	102		85-107		
1,3-Dichlorobenzene	N.D.	1.0	5.0	ug/l	102		82-110		
1,4-Dichlorobenzene	N.D.	1.0	5.0	ug/l	101		85-107		
Dichlorodifluoromethane	N.D.	2.0	5.0	ug/l	95		55-152		
1,1-Dichloroethane	N.D.	1.0	5.0	ug/l	105		79-120		
1,2-Dichloroethane	N.D.	1.0	5.0	ug/l	107		70-130		
1,1-Dichloroethene	N.D.	0.80	5.0	ug/l	108		77-119		
cis-1,2-Dichloroethene	N.D.	0.80	5.0	ug/l	105		85-115		
trans-1,2-Dichloroethene	N.D.	0.80	5.0	ug/l	106		83-116		
1,2-Dichloropropane	N.D.	1.0	5.0	ug/l	103		79-114		
cis-1,3-Dichloropropene	N.D.	1.0	5.0	ug/l	102		82-113		
trans-1,3-Dichloropropene	N.D.	1.0	5.0	ug/l	100		77-116		
Methylene Chloride	N.D.	2.0	5.0	ug/l	107		81-116		
1,1,1,2-Tetrachloroethane	N.D.	1.0	5.0	ug/l	100		81-113		
1,1,2,2-Tetrachloroethane	N.D.	1.0	5.0	ug/l	93		71-117		
Tetrachloroethene	N.D.	0.80	5.0	ug/l	110		79-115		
1,1,1-Trichloroethane	N.D.	0.80	5.0	ug/l	102		81-137		
1,1,2-Trichloroethane	N.D.	0.80	5.0	ug/l	103		83-113		
Trichloroethene	N.D.	1.0	5.0	ug/l	106		85-114		
Trichlorofluoromethane	N.D.	2.0	5.0	ug/l	96		64-129		
1,2,3-Trichloropropane	N.D.	1.0	5.0	ug/l	94		79-116		
Vinyl Chloride	N.D.	1.0	5.0	ug/l	91		63-129		

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.

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Lancaster Laboratories
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Explanation of Symbols and Abbreviations

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

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

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

> greater than

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

ppm parts per million - One ppm is equivalent to one milligram per kilogram (mg/kg), or one gram per million grams. For aqueous liquids, ppm is usually taken to be equivalent to milligrams per liter (mg/l), because one liter of water has a weight very close to a kilogram. For gases or vapors, one ppm is equivalent to one microliter of gas per liter of gas.

ppb parts per billion

Dry weight basis Results printed under this heading have been adjusted for moisture content. This increases the analyte weight concentration to approximate the value present in a similar sample without moisture. All other results are reported on an as-received basis.

U.S. EPA CLP Data Qualifiers:

Organic Qualifiers

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

Inorganic Qualifiers

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

Analytical test results for methods listed on the laboratories' accreditation scope meet all requirements of NELAC unless otherwise noted under the individual analysis.

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

Tests results relate only to the sample tested. Clients should be aware that a critical step in a chemical or microbiological analysis is the collection of the sample. Unless the sample analyzed is truly representative of the bulk of material involved, the test results will be meaningless. If you have questions regarding the proper techniques of collecting samples, please contact us. We cannot be held responsible for sample integrity, however, unless sampling has been performed by a member of our staff. This report shall not be reproduced except in full, without the written approval of the laboratory.

Lancaster Laboratories

Quality Control Summary

Client Name: Atlantic Richfield(Parsons-NY) Group Number: 1152788
Reported: 07/16/09 at 05:26 PM

Analysis Name	%REC	%REC	Limits	RPD	MAX	Conc	Conc	RPD	Max
Batch number: Y091951AA	Sample number(s): 5719612-5719628 UNSPK: 5719622								
Benzyl Chloride	80	80	62-120	0	30				
Bromobenzene	103	100	82-115	3	30				
Bromodichloromethane	100	100	78-125	0	30				
Bromoform	86	88	62-113	2	30				
Bromomethane	95	96	48-136	1	30				
Carbon Tetrachloride	108	108	81-138	0	30				
Chlorobenzene	108	107	86-118	1	30				
Chloroethane	94	93	58-134	1	30				
2-Chloroethyl Vinyl Ether	96	98	10-151	3	30				
Chloroform	110	110	81-134	0	30				
Chloromethane	109	108	67-154	1	30				
Dibromochloromethane	94	95	74-116	1	30				
Dibromomethane	103	103	83-119	1	30				
1,2-Dichlorobenzene	103	101	83-113	2	30				
1,3-Dichlorobenzene	104	102	82-115	2	30				
1,4-Dichlorobenzene	104	101	83-113	3	30				
Dichlorodifluoromethane	103	103	63-187	0	30				
1,1-Dichloroethane	111	112	84-129	1	30				
1,2-Dichloroethane	108	106	66-141	2	30				
1,1-Dichloroethene	117	116	87-134	1	30				
cis-1,2-Dichloroethene	107 (2)	123 (2)	85-125	2	30				
trans-1,2-Dichloroethene	109	109	87-126	0	30				
1,2-Dichloropropane	105	106	83-124	1	30				
cis-1,3-Dichloropropene	103	102	77-117	0	30				
trans-1,3-Dichloropropene	100	97	74-119	2	30				
Methylene Chloride	105	105	79-120	0	30				
1,1,1,2-Tetrachloroethane	100	100	82-119	0	30				
1,1,2,2-Tetrachloroethane	92	91	73-119	2	30				
Tetrachloroethene	115	113	80-128	1	30				
1,1,1-Trichloroethane	96	96	85-151	0	30				
1,1,2-Trichloroethane	104	102	77-124	1	30				
Trichloroethene	114	114	88-125	0	30				
Trichlorofluoromethane	104	104	73-152	0	30				
1,2,3-Trichloropropane	93	93	76-118	0	30				
Vinyl Chloride	99	99	65-147	0	30				

Surrogate Quality Control

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

Analysis Name: Appendix IX by 8260 - water
Batch number: Y091951AA

	Dibromofluoromethane	1,2-Dichloroethane-d4	Toluene-d8	4-Bromofluorobenzene
5719612	92	91	90	88
5719613	91	91	90	88
5719614	91	90	90	88
5719615	91	90	91	88
5719616	91	91	90	87
5719617	91	90	90	88
5719618	91	90	91	88
5719619	91	91	90	88

*- Outside of specification
**-This limit was used in the evaluation of the final result for the blank
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Explanation of Symbols and Abbreviations

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TNTC	Too Numerous To Count	CP Units	cobalt-chloroplatinate units
IU	International Units	NTU	nephelometric turbidity units
umhos/cm	micromhos/cm	ng	nanogram(s)
C	degrees Celsius	F	degrees Fahrenheit
meq	milliequivalents	lb.	pound(s)
g	gram(s)	kg	kilogram(s)
ug	microgram(s)	mg	milligram(s)
ml	milliliter(s)	l	liter(s)
m3	cubic meter(s)	ul	microliter(s)

< 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.

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

ppm parts per million - One ppm is equivalent to one milligram per kilogram (mg/kg), or one gram per million grams. For aqueous liquids, ppm is usually taken to be equivalent to milligrams per liter (mg/l), because one liter of water has a weight very close to a kilogram. For gases or vapors, one ppm is equivalent to one microliter of gas per liter of gas.

ppb parts per billion

Dry weight basis Results printed under this heading have been adjusted for moisture content. This increases the analyte weight concentration to approximate the value present in a similar sample without moisture. All other results are reported on an as-received basis.

U.S. EPA CLP Data Qualifiers:

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N	Spike sample not within control limits
S	Method of standard additions (MSA) used for calculation
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Lancaster Laboratories

Quality Control Summary

Client Name: Atlantic Richfield(Parsons-NY) Group Number: 1152788
Reported: 07/16/09 at 05:26 PM

Surrogate Quality Control

5719620	91	91	91	89
5719621	91	91	90	88
5719622	92	89	91	88
5719623	90	88	90	88
5719624	92	91	91	88
5719625	91	89	90	88
5719626	90	90	90	89
5719627	90	89	90	88
5719628	91	89	90	88
Blank	91	89	90	88
LCS	90	91	91	90
MS	90	88	90	88
MSD	92	91	91	88
Limits:	80-116	77-113	80-113	78-113

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C	degrees Celsius	**F**	degrees Fahrenheit
meq	milliequivalents	**lb.**	pound(s)
g	gram(s)	**kg**	kilogram(s)
ug	microgram(s)	**mg**	milligram(s)
ml	milliliter(s)	**l**	liter(s)
m3	cubic meter(s)	**ul**	microliter(s)

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D	Compound quantitated on a diluted sample
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B	Value is <CRDL, but ≥IDL
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APPENDIX C

WATER QUALITY DATABASE
JANUARY 2001 THROUGH SEPTEMBER 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
07/08/2009	5719621	8260B	ND	ND	1.4 J	1.4 J	ND	4.5 J	240	ND	16	ND	56	319.3

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- 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
07/09/2009	5720682	8260B	ND	ND	ND	ND	ND	ND	20	ND	1.8 J	ND	5.1	26.9

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- 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
07/13/2009	5722293	8260B	ND	ND	ND	ND	ND	1 J	20	ND	82	ND	ND	103

ND - Not detected, indicates parameter was analyzed for, but not detected at or above the reporting limit.
To address the NYSDEC concerns regarding the presentation and plotting of nondetected values, the data for 2001 to 2004 has been reevaluated and interpreted as follows:

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

FORMER CARBORUNDUM FACILITY — WHEATFIELD, NEW YORK

Well Id: B- 6M

Date	Lab Sample Id	Method	Carbon tetrachloride (ug/L)	Chloroform (ug/L)	1,1-Dichloro-ethane (ug/L)	1,1-Dichloro ethene (ug/L)	Methylene chloride (ug/L)	Trans-1,2-dichloro-ethene (ug/L)	Cis-1,2-dichloro-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
04/16/2009	5649163	8260B	ND	ND	ND	ND	ND	0.9 J	27	ND	270	ND	ND	297.9
07/09/2009	5720687	8260B	ND	ND	ND	ND	ND	0.86 J	23	ND	230	ND	ND	253.86

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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
07/08/2009	5719613	8260B	ND	ND	ND	ND	ND	ND	1.5 J	ND	4.9 J	ND	ND	6.4

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Well Id: B- 8M

Date	Lab Sample Id	Method	Carbon tetrachloride (ug/L)	Chloroform (ug/L)	1,1-Dichloro-ethane (ug/L)	1,1-Dichloro ethene (ug/L)	Methylene chloride (ug/L)	Trans-1,2-dichloro-ethene (ug/L)	Cis-1,2-dichloro-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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FORMER CARBORUNDUM FACILITY

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Well Id: **B- 8M**

Date	Lab Sample Id	Method	Carbon tetrachloride (ug/L)	Chloroform (ug/L)	1,1-Dichloro-ethane (ug/L)	1,1-Dichloro ethene (ug/L)	Methylene chloride (ug/L)	Trans-1,2-dichloro-ethene (ug/L)	Cis-1,2-dichloro-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)
04/13/2009	5647717	8260B	ND	ND	ND	ND	ND	ND	3100	ND	61000	ND	120 J	64220
07/07/2009	5718472	8260B	ND	ND	ND	ND	ND	ND	1200	ND	25000	ND	30 J	26230

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FORMER CARBORUNDUM FACILITY

WHEATFIELD, NEW YORK

Well Id: B- 9M

Date	Lab Sample Id	Method	Carbon tetrachloride (ug/L)	Chloroform (ug/L)	1,1-Dichloro-ethane (ug/L)	1,1-Dichloro ethene (ug/L)	Methylene chloride (ug/L)	Trans-1,2-dichloro-ethene (ug/L)	Cis-1,2-dichloro-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
04/16/2009	5649164	8260B	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
07/07/2009	5718463	8260B	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND

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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	8021	ND	ND	1.3	ND	3.8 E	1.9 E	7.6 E	3.7 E	45 E	ND	ND	63.3
07/16/2004	A4674302	8260	ND	ND	ND	ND	1.3 J	ND	4.6	2	36	ND	ND	43.9
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
04/20/2009	5651166	8260B	ND	ND	ND	ND	ND	ND	5	3 J	35	ND	ND	43
07/07/2009	5718465	8260B	ND	ND	ND	ND	ND	ND	5.5	2.9 J	35	ND	ND	43.4

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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
07/07/2009	5718478	8260B	ND	ND	ND	ND	ND	1.8 J	76	ND	470	21	ND	568.8

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-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
07/13/2009	5722292	8260B	ND	ND	37	4.3 J	ND	7.1 J	290	78	660	ND	ND	1076.4

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-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
04/14/2009	5646770	8260B	ND	ND	5.2	3.1 J	ND	7	460	3.2 J	460	ND	17	955.5
07/09/2009	5720678	8260B	ND	ND	4.7 J	3.7 J	ND	14	640	0.92 J	230	ND	39	932.32

ND - Not detected, indicates parameter was analyzed for, but not detected at or above the reporting limit.
To address the NYSDEC concerns regarding the presentation and plotting of nondetected values, the data for 2001 to 2004 has been reevaluated and interpreted as follows:

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

FORMER CARBORUNDUM FACILITY

WHEATFIELD, NEW YORK

Well Id: **B-14M**

Date	Lab Sample Id	Method	Carbon tetrachloride (ug/L)	Chloroform (ug/L)	1,1-Dichloro-ethane (ug/L)	1,1-Dichloro ethene (ug/L)	Methylene chloride (ug/L)	Trans-1,2-dichloro-ethene (ug/L)	Cis-1,2-dichloro-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
07/08/2009	5719628	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-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
07/08/2009	5719617	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-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
04/15/2009	5647720	8260B	ND	ND	210	49 J	ND	35 J	6600	75	3900	9.4 J	750	11628.4
07/07/2009	5718470	8260B	ND	ND	120	50	ND	62	14000	20 J	3700	ND	2200	20152

ND - Not detected, indicates parameter was analyzed for, but not detected at or above the reporting limit.
To address the NYSDEC concerns regarding the presentation and plotting of nondetected values, the data for 2001 to 2004 has been reevaluated and interpreted as follows:

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

FORMER CARBORUNDUM FACILITY

WHEATFIELD, NEW YORK

Well Id: B-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
07/07/2009	5718468	8260B	ND	ND	ND	ND	ND	ND	11	ND	ND	ND	5.5	16.5

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1) Nondetected concentrations have been represented as ND for reporting purposes.
2) Total VOCs have been recalculated and represented as the sum of the detected parameters shown on this table.
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
04/14/2009	5646769	8260B	ND	ND	ND	ND	ND	ND	3.5 J	ND	ND	ND	1.3 J	4.8
07/09/2009	5720693	8260B	ND	ND	ND	ND	ND	ND	2.8 J	ND	ND	ND	ND	2.8

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2) Total VOCs have been recalculated and represented as the sum of the detected parameters shown on this table.
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FORMER CARBORUNDUM FACILITY

WHEATFIELD, NEW YORK

Well Id: **B-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
07/09/2009	5720683	8260B	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND

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FORMER CARBORUNDUM FACILITY

WHEATFIELD, NEW YORK

Well Id: **B-21M**

Date	Lab Sample Id	Method	Carbon tetrachloride (ug/L)	Chloroform (ug/L)	1,1-Dichloro-ethane (ug/L)	1,1-Dichloro ethene (ug/L)	Methylene chloride (ug/L)	Trans-1,2-dichloro-ethene (ug/L)	Cis-1,2-dichloro-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	8260	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
07/15/2004	A4674102	8021	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
10/18/2004	A4A27801	8021	ND	ND	ND	ND	ND	ND	ND	ND	1.7	ND	ND	1.7
01/14/2005	A5038301	8260	ND	ND	ND	ND	ND	ND	ND	ND	2.5	ND	ND	2.5
04/22/2005	A5402104	8260	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
07/25/2005	A5790301	8260/5ML	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
10/21/2005	A5B92301	8260	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
01/24/2006	A6089101	8260	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
04/13/2006	6D14002-03	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
04/20/2009	5651170	8260B	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
07/13/2009	5722289	8260B	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND

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FORMER CARBORUNDUM FACILITY — WHEATFIELD, NEW YORK

Well Id: B-22M

Date	Lab Sample Id	Method	Carbon tetrachloride (ug/L)	Chloroform (ug/L)	1,1-Dichloro-ethane (ug/L)	1,1-Dichloro ethene (ug/L)	Methylene chloride (ug/L)	Trans-1,2-dichloro-ethene (ug/L)	Cis-1,2-dichloro-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	8021	ND	ND	2.2	ND	ND	3.9 E	170 E	ND	24	ND	10 E	210.1
07/15/2004	A4674303	8260	ND	ND	ND	ND	4.3	ND	130	ND	23	ND	ND	157.3
10/18/2004	A4A27701	8021	ND	ND	ND	ND	ND	ND	90	ND	13	ND	ND	103
01/20/2005	A5057501	8260	ND	ND	2.8	1.6	ND	16	300 E	0.34 J	110 E	ND	2.2	432.94
01/20/2005	A5057501DL	8260					33 D	9.4 D	340 D		56 D			438.4
04/26/2005	A5414404	8260	ND	ND	ND	ND	ND	7	250	ND	33	ND	ND	290
07/25/2005	A5790401	8260/5ML	ND	ND	ND	ND	ND	1.6	110	ND	14	ND	7.8	133.4
10/21/2005	A5B92801	8260	ND	ND	ND	ND	ND	0.61 J	36	ND	3.9	ND	1.2 J	41.71
01/24/2006	A6089102	8260	ND	ND	2.9	1.4	ND	15	480 E	ND	90	ND	3.1	592.4
01/24/2006	A6089102DL	8260	ND	ND	ND	ND	ND	15 D	460 D	ND	93 D	ND	ND	568
04/19/2006	6D20002-01	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
04/20/2009	5651167	8260B	ND	ND	ND	ND	ND	3.8 J	150	ND	39	ND	9.9	202.7
07/13/2009	5722290	8260B	ND	ND	ND	ND	ND	ND	27	ND	4.8 J	ND	1.6 J	33.4

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1) Nondetected concentrations have been represented as ND for reporting purposes.
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FORMER CARBORUNDUM FACILITY

WHEATFIELD, NEW YORK

Well Id: B-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
04/13/2009	5647710	8260B	ND	ND	1.4 J	ND	ND	1.6 J	260	ND	21	ND	11	295
07/14/2009	5723623	8260B	ND	ND	1.2 J	ND	ND	0.93 J	290	ND	2.8 J	ND	33	327.93

ND - Not detected, indicates parameter was analyzed for, but not detected at or above the reporting limit.
To address the NYSDEC concerns regarding the presentation and plotting of nondetected values, the data for 2001 to 2004 has been reevaluated and interpreted as follows:

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

FORMER CARBORUNDUM FACILITY

WHEATFIELD, NEW YORK

Well Id: **B-24M**

Date	Lab Sample Id	Method	Carbon tetrachloride (ug/L)	Chloroform (ug/L)	1,1-Dichloro-ethane (ug/L)	1,1-Dichloro ethene (ug/L)	Methylene chloride (ug/L)	Trans-1,2-dichloro-ethene (ug/L)	Cis-1,2-dichloro-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
04/13/2009	5647711	8260B	ND	ND	ND	ND	ND	ND	0.99 J	ND	3.2 J	ND	ND	4.19
07/15/2009	5724678	8260B	ND	ND	ND	ND	ND	ND	ND	ND	1.2 J	ND	ND	1.2

ND - Not detected, indicates parameter was analyzed for, but not detected at or above the reporting limit.
To address the NYSDEC concerns regarding the presentation and plotting of nondetected values, the data for 2001 to 2004 has been reevaluated and interpreted as follows:

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

FORMER CARBORUNDUM FACILITY

WHEATFIELD, NEW YORK

Well Id: **B-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
07/14/2009	5723631	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
04/20/2009	5651173	8260B	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
07/13/2009	5722291	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
07/14/2009	5723624	8260B	ND	ND	ND	ND	ND	ND	17	ND	1.7 J	ND	2.6 J	21.3

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-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
07/14/2009	5723632	8260B	ND	ND	ND	ND	ND	ND	8.5	ND	4 J	ND	ND	12.5

ND - Not detected, indicates parameter was analyzed for, but not detected at or above the reporting limit.
To address the NYSDEC concerns regarding the presentation and plotting of nondetected values, the data for 2001 to 2004 has been reevaluated and interpreted as follows:

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

FORMER CARBORUNDUM FACILITY — WHEATFIELD, NEW YORK

Well Id: B-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	8021	ND	ND	ND	ND	ND	ND	39 E	ND	ND	ND	2.5 E	41.5
07/20/2004	A4682903	8260	ND	ND	ND	ND	2.2 J	0.76 J	31	ND	0.83 J	ND	ND	34.79
10/20/2004	A4A32101	8021	ND	31	ND	ND	ND	0.52 J	ND	ND	0.67 J	ND	4.3	36.49
01/13/2005	A5036405	8260	ND	ND	0.81 J	0.61 J	ND	1.3	71 E	ND	17	ND	3.4	94.12
01/13/2005	A5036405DL	8260							69 D		16 D		2.8 D	87.8
04/19/2005	A5387302	8260	ND	ND	0.45 J	0.48 J	ND	0.4 J	42 E	ND	7.3	ND	3.9	54.53
04/19/2005	A5387302DL	8260	ND	ND	ND	ND	1.9 DJ	ND	34 D	ND	5.8 D	ND	3 D	44.7
07/19/2005	A5762201	8260/5ML	ND	ND	ND	ND	ND	1.1	39	ND	ND	ND	10	50.1
07/20/2006	6G21005-07	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
07/14/2009	5723630	8260B	ND	ND	ND	ND	ND	ND	21	ND	ND	ND	10	31

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To address the NYSDEC concerns regarding the presentation and plotting of nondetected values, the data for 2001 to 2004 has been reevaluated and interpreted as follows:

1) Nondetected concentrations have been represented as ND for reporting purposes.
2) Total VOCs have been recalculated and represented as the sum of the detected parameters shown on this table.
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FORMER CARBORUNDUM FACILITY

WHEATFIELD, NEW YORK

Well Id: **B-33M**

Date	Lab Sample Id	Method	Carbon tetrachloride (ug/L)	Chloroform (ug/L)	1,1-Dichloro-ethane (ug/L)	1,1-Dichloro ethene (ug/L)	Methylene chloride (ug/L)	Trans-1,2-dichloro-ethene (ug/L)	Cis-1,2-dichloro-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
07/14/2009	5723628	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.
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FORMER CARBORUNDUM FACILITY

WHEATFIELD, NEW YORK

Well Id: **B-37M**

Date	Lab Sample Id	Method	Carbon tetrachloride (ug/L)	Chloroform (ug/L)	1,1-Dichloro-ethane (ug/L)	1,1-Dichloro ethene (ug/L)	Methylene chloride (ug/L)	Trans-1,2-dichloro-ethene (ug/L)	Cis-1,2-dichloro-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
04/20/2009	5651169	8260B	ND	ND	ND	ND	ND	1 J	64	ND	23	ND	2 J	90
07/13/2009	5722288	8260B	ND	ND	ND	ND	ND	ND	50	ND	20	ND	ND	70

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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-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
04/16/2009	5649168	8260B	ND	ND	ND	ND	ND	ND	1.7 J	ND	4.1 J	ND	ND	5.8
07/07/2009	5718467	8260B	ND	ND	ND	ND	ND	ND	1.4 J	ND	3 J	ND	ND	4.4

ND - Not detected, indicates parameter was analyzed for, but not detected at or above the reporting limit.
To address the NYSDEC concerns regarding the presentation and plotting of nondetected values, the data for 2001 to 2004 has been reevaluated and interpreted as follows:

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

FORMER CARBORUNDUM FACILITY

WHEATFIELD, NEW YORK

Well Id: B-40M

Date	Lab Sample Id	Method	Carbon tetrachloride (ug/L)	Chloroform (ug/L)	1,1-Dichloro-ethane (ug/L)	1,1-Dichloro ethene (ug/L)	Methylene chloride (ug/L)	Trans-1,2-dichloro-ethene (ug/L)	Cis-1,2-dichloro-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
04/16/2009	5649167	8260B	ND	ND	ND	ND	ND	ND	3.9 J	ND	2.5 J	ND	ND	6.4
07/07/2009	5718466	8260B	ND	ND	ND	ND	ND	ND	2.7 J	ND	1.7 J	ND	ND	4.4

ND - Not detected, indicates parameter was analyzed for, but not detected at or above the reporting limit.
To address the NYSDEC concerns regarding the presentation and plotting of nondetected values, the data for 2001 to 2004 has been reevaluated and interpreted as follows:

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

FORMER CARBORUNDUM FACILITY

WHEATFIELD, NEW YORK

Well Id: B-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	8260	ND	ND	ND	ND	ND	0.9 J	2.3	ND	0.3 J	ND	ND	3.5
07/16/2004	A4674202	8021	ND	ND	ND	ND	ND	1.1 E	2.6 E	ND	ND	ND	ND	3.7
10/12/2004	A4A09701	8021	ND	ND	ND	ND	ND	1.3	6.7	ND	ND	ND	ND	8
01/18/2005	A5051003	8260	ND	ND	ND	ND	ND	0.75 J	2	ND	0.38 J	ND	ND	3.13
04/26/2005	A5414302	8260	ND	ND	ND	ND	ND	1.3	3.8	ND	ND	ND	ND	5.1
07/26/2005	A5791603	8260/5ML	ND	ND	ND	ND	ND	1.2	2.9	ND	ND	ND	ND	4.1
10/21/2005	A5B92603	8260	ND	ND	ND	ND	ND	1	4.3	ND	ND	ND	0.99 J	6.29
01/27/2006	A6102502	8260	ND	ND	ND	ND	ND	0.62 J	3.1	ND	ND	ND	ND	3.72
04/21/2006	6D21017-03	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
04/16/2009	5649169	8260B	ND	ND	ND	ND	ND	ND	6.8	ND	ND	ND	1.4 J	8.2
07/07/2009	5718464	8260B	ND	ND	ND	ND	ND	ND	4.3 J	ND	ND	ND	ND	4.3

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To address the NYSDEC concerns regarding the presentation and plotting of nondetected values, the data for 2001 to 2004 has been reevaluated and interpreted as follows:

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

FORMER CARBORUNDUM FACILITY

WHEATFIELD, NEW YORK

Well Id: **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
04/15/2009	5647725	8260B	ND	ND	ND	ND	ND	1.3 J	11	ND	3.7 J	ND	ND	16
07/07/2009	5718476	8260B	ND	ND	ND	ND	ND	0.98 J	7.8	ND	2.7 J	ND	ND	11.48

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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
04/15/2009	5647721	8260B	ND	ND	ND	ND	ND	ND	7.2	ND	ND	ND	2.2 J	9.4
07/07/2009	5718475	8260B	ND	ND	ND	ND	ND	ND	8.4	ND	2 J	ND	2.6 J	13

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
04/15/2009	5647726	8260B	ND	ND	7	ND	ND	ND	5.8	ND	4.4 J	ND	5 J	22.2
07/07/2009	5718477	8260B	ND	ND	8.6	ND	ND	ND	9.5	ND	5.7	ND	6.9	30.7

ND - Not detected, indicates parameter was analyzed for, but not detected at or above the reporting limit.
To address the NYSDEC concerns regarding the presentation and plotting of nondetected values, the data for 2001 to 2004 has been reevaluated and interpreted as follows:

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

FORMER CARBORUNDUM FACILITY

WHEATFIELD, NEW YORK

Well Id: **B-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
07/14/2009	5723627	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-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
07/14/2009	5723629	8260B	ND	ND	ND	ND	ND	ND	28	ND	4.3 J	ND	3.2 J	35.5

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To address the NYSDEC concerns regarding the presentation and plotting of nondetected values, the data for 2001 to 2004 has been reevaluated and interpreted as follows:

1) Nondetected concentrations have been represented as ND for reporting purposes.
2) Total VOCs have been recalculated and represented as the sum of the detected parameters shown on this table.
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FORMER CARBORUNDUM FACILITY

WHEATFIELD, NEW YORK

Well Id: B-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
04/14/2009	5646767	8260B	ND	ND	ND	ND	ND	ND	1 J	ND	2.9 J	ND	ND	3.9
07/09/2009	5720681	8260B	ND	ND	ND	ND	ND	ND	1.1 J	ND	2.4 J	ND	ND	3.5

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

FORMER CARBORUNDUM FACILITY

WHEATFIELD, NEW YORK

Well Id: B-49M

Date	Lab Sample Id	Method	Carbon tetrachloride (ug/L)	Chloroform (ug/L)	1,1-Dichloro-ethane (ug/L)	1,1-Dichloro ethene (ug/L)	Methylene chloride (ug/L)	Trans-1,2-dichloro-ethene (ug/L)	Cis-1,2-dichloro-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
04/14/2009	5646768	8260B	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
07/09/2009	5720679	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
07/09/2009	5720686	8260B	ND	ND	ND	ND	ND	ND	9.2	ND	51	ND	ND	60.2

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-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
07/09/2009	5720688	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
07/09/2009	5720691	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
07/09/2009	5720692	8260B	ND	ND	ND	ND	ND	ND	2.9 J	ND	9.4	ND	ND	12.3

ND - Not detected, indicates parameter was analyzed for, but not detected at or above the reporting limit.
To address the NYSDEC concerns regarding the presentation and plotting of nondetected values, the data for 2001 to 2004 has been reevaluated and interpreted as follows:

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

FORMER CARBORUNDUM FACILITY

WHEATFIELD, NEW YORK

Well Id: **B-54M**

Date	Lab Sample Id	Method	Carbon tetrachloride (ug/L)	Chloroform (ug/L)	1,1-Dichloro-ethane (ug/L)	1,1-Dichloro ethene (ug/L)	Methylene chloride (ug/L)	Trans-1,2-dichloro-ethene (ug/L)	Cis-1,2-dichloro-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
07/09/2009	5720689	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
07/09/2009	5720690	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
04/13/2009	5647712	8260B	ND	ND	ND	ND	ND	ND	17	ND	64	ND	ND	81

ND - Not detected, indicates parameter was analyzed for, but not detected at or above the reporting limit.
To address the NYSDEC concerns regarding the presentation and plotting of nondetected values, the data for 2001 to 2004 has been reevaluated and interpreted as follows:

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

FORMER CARBORUNDUM FACILITY

WHEATFIELD, NEW YORK

Well Id: **B-56M**

Date	Lab Sample Id	Method	Carbon tetrachloride (ug/L)	Chloroform (ug/L)	1,1-Dichloro-ethane (ug/L)	1,1-Dichloro ethene (ug/L)	Methylene chloride (ug/L)	Trans-1,2-dichloro-ethene (ug/L)	Cis-1,2-dichloro-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)
07/15/2009	5724675	8260B	ND	ND	ND	ND	ND	0.87 J	21	ND	82	ND	ND	103.87

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
04/13/2009	5647716	8260B	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
07/15/2009	5724674	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-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
07/15/2009	5724673	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
07/08/2009	5719627	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-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
07/08/2009	5719625	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
07/08/2009	5719626	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
07/08/2009	5719616	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
07/08/2009	5719620	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
07/08/2009	5719619	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-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
07/08/2009	5719618	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-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
07/08/2009	5719614	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-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
07/08/2009	5719615	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: **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

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: 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
04/16/2009	5649165	8260B	ND	ND	190	31	ND	5.1	780	1100	260	ND	160	2526.1
07/13/2009	5722296	8260B	ND	ND	82	19	ND	7.9 J	1700	350	420	ND	150	2728.9

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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
04/15/2009	5647723	8260B	ND	ND	ND	ND	ND	1.6 J	46	ND	ND	ND	1.7 J	49.3
07/08/2009	5719622	8260B	ND	ND	ND	ND	ND	5.4	120	ND	ND	ND	ND	125.4

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FORMER CARBORUNDUM FACILITY

WHEATFIELD, NEW YORK

Well Id: **P-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
04/14/2009	5646771	8260B	ND	ND	12	3.5 J	ND	6.1 J	370	23	1600	ND	3.9 J	2018.5
07/09/2009	5720680	8260B	ND	ND	6.6	2.3 J	ND	6.8	390	5.6	490	ND	ND	901.3

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FORMER CARBORUNDUM FACILITY

WHEATFIELD, NEW YORK

Well Id: PW-1

Date	Lab Sample Id	Method	Carbon tetrachloride (ug/L)	Chloroform (ug/L)	1,1-Dichloro-ethane (ug/L)	1,1-Dichloro ethene (ug/L)	Methylene chloride (ug/L)	Trans-1,2-dichloro-ethene (ug/L)	Cis-1,2-dichloro-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
04/15/2009	5647722	8260B	ND	ND	11	2.8 J	ND	3.6 J	400	11	1300	ND	19	1747.4
07/07/2009	5718471	8260B	ND	ND	1.6 J	ND	ND	1.6 J	110	1.1 J	430	ND	5.6	549.9

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: **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:

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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
04/13/2009	5647718	8260B	ND	ND	ND	4.5 J	ND	ND	730	ND	2200	ND	50	2984.5
07/07/2009	5718469	8260B	ND	ND	ND	19 J	ND	15 J	2600	ND	5000	ND	17 J	7651

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
04/16/2009	5649166	8260B	ND	ND	ND	ND	ND	ND	2.7 J	ND	21	ND	ND	23.7
07/13/2009	5722294	8260B	ND	ND	ND	ND	ND	ND	62	ND	350	ND	1.4 J	413.4

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2) Total VOCs have been recalculated and represented as the sum of the detected parameters shown on this table.
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FORMER CARBORUNDUM FACILITY

WHEATFIELD, NEW YORK

Well Id: 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
04/20/2009	5651168	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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APPENDIX D

ELECTRONIC COPY OF THE REPORT IN PORTABLE DOCUMENT FILE (PDF) FORMAT