SECOND QUARTER 2013 MONITORING REPORT

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

Prepared for:



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

270 Michigan Avenue

Buffalo, New York 14203

Submitted by:

Atlantic Richfield Company

A BP affiliated company

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August 2013

GROUNDWATER REMEDIATION PROGRAM AT THE

FORMER CARBORUNDUM FACILITY

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SECOND QUARTER 2013 MONITORING REPORT FOR GROUNDWATER REMEDIATION PROGRAM AT THE FORMER CARBORUNDUM FACILITY VILLAGE OF SANBORN, TOWN OF WHEATFIELD, NIAGARA COUNTY, NEW YORK

INTRODUCTION

On behalf of the Atlantic Richfield Company (ARC), Parsons conducts ongoing Operations, Monitoring, and Maintenance (OM&M) activities for the groundwater remediation system at the former Carborundum Facility located at 2040 Cory Drive in the Village of Sanborn, Town of Wheatfield, New York (Site). Figure 1 shows the location of the Site. As part of the OM&M activities, quarterly groundwater sampling is scheduled for January, April, July, and October. This report presents the results of the April 2013 groundwater sampling event and provides a summary of the OM&M activities completed between April 1 and June 30, 2013.

The April 2013 groundwater sampling event included static water level measurements prior to purging and the collection of groundwater samples from 23 monitoring wells, six recovery wells, and a surface water sample from the Niagara Quarry in accordance with the NYSDEC-approved (October 2005, amended 2009) sampling program. All samples were submitted to Eurofins/Lancaster Laboratories, Inc., a New York State Department of Health certified laboratory, for volatile organic compound (VOC) analysis, and 15 of the samples were submitted for natural attenuation parameter analysis. The locations of the sampled wells are shown in Figure 2. A summary of the groundwater analytical results from each well in the Top of Rock Zone and Zone 1 is provided in Figure 3. Analytical results for Zones 2, 3, 4, and 5 are shown in Figure 4.

WATER LEVEL MEASUREMENTS

On April 1, 2013, water levels were measured in 59 monitoring wells and six recovery wells. The water levels were measured to the nearest 0.01 feet from the top of the well casing, using an electronic water level meter. The water level meter was decontaminated between measurements at each well. Water level elevations were calculated using the surveyed elevations of the top of well casings and the measured depth to groundwater. Table 1 provides a summary of the water level measurements. Groundwater elevation contours for the Top of Rock Zone and Zone 1 for April 2013 are shown in Figures 5 and 6. Groundwater elevations and resultant flow patterns are consistent with the historical data. Groundwater flow in both the Top of Rock Zone and Zone 1 is generally to the southeast in the northern part of the Site and to the southwest in the southern part of the Site and south of the Site.

GROUNDWATER SAMPLING

The groundwater sampling event was completed between April 2 and April 9, 2013. Groundwater samples were divided into three different groups based on historical analytical results from individual wells. The sampling groups were identified as least impacted (low), medium impacted (medium), and most impacted (high). To the extent practical, the wells in the

low group were sampled first, followed by wells in the medium group, and lastly, wells in the high group.

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

Low-flow sampling methods were employed to collect 15 groundwater samples for VOCs and natural attenuation parameters (see Table 5). A pneumatically operated bladder pump was placed approximately one to two feet above the well bottom. Groundwater was pumped through an in-line flow cell until groundwater quality readings for indicator parameters (pH, temperature, conductivity, redox, and dissolved oxygen) stabilized. Data collected during purging can be found on the field sampling forms in Appendix A and Table 2. Purge volumes varied from 1 to 15 gallons per well. After the parameters stabilized, the groundwater sample was collected.

The remaining 8 monitoring wells were purged with a decontaminated pump, dedicated high density polyethylene (HDPE) bailer, or the sampling port on the pumping well (see Table 2 for purging method used for each well). During purging, field parameters (pH, specific conductivity, temperature, and turbidity) were measured and recorded. Purging continued until field parameters had stabilized, between three and five well volumes of water had been purged, or the well was purged dry. After purging was completed, a groundwater sample was collected from the monitoring well.

The six recovery well samples were collected from sampling ports at the well head or directly from the well with an HDPE disposable bailer. Field parameters were measured again immediately after the sample collection (see Table 3). The recovery wells were analyzed for VOCs only.

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

LABORATORY ANALYSIS AND RESULTS

Groundwater samples collected during the April 2013 sampling event were submitted to the laboratory for VOC analysis using Method 8260B. The Method 8260B analytical reports provided results for selected halogenated VOCs. The analytical results are listed in the laboratory data reports in Appendix B, along with chain-of-custody records (COCs).

The chemical analytical results for this round of groundwater sampling, with the exceptions discussed below, were generally consistent with historical concentrations and are summarized in Table 4. Figures 3 and 4 provide a summary of the analytical results for the past four sampling events, including the current Second Quarter 2013 event, plotted on a Site map. The sample results have been incorporated into the project water quality database. A historical summary (January 2001 through June 2013) is provided in Appendix C.

Results for the second quarter 2013 groundwater sampling were generally consistent with previous results. Comments are noted below for wells where trends are being evaluated. These wells include B-10M, B-13M, B-38M, P-2, P-4, and PW-3. Time series plots for these wells and historical and current analytical data for all of the wells have been included in Appendix C.

- B-10M: The April 2013 concentration of cis-DCE (3.1 ug/L) was the second lowest observed, TCE (27 ug/L) was tied for the lowest concentration observed, and this resulted in the second lowest total VOC concentration (32.4 ug/L) since 2001.
- B-13M: In April 2013, 1,1-DCA (21 ug/L) and 1,1,1-TCA (4.0 ug/L) returned to the range normally observed. In January 2013, the 1,1,1-TCA and the 1,1-DCA concentrations were the first and second highest concentrations, respectively, observed at this location.
- B-38M: The April 2013 analytical results showed the highest observed value for TCE (44 ug/L) found at this location since 2001 and 1,1-DCA (1.4 ug/L) was the second highest observed. Other compounds were within the historically observed ranges.
- P-2: In April 2013, the sample was collected with the well in service, and all analytical parameters were within the typically observed range. The recovery well was returned to service subsequent to the January 2013 sampling event where the well was sampled with a bailer.
- P-4: The April 2013 analytical results showed concentrations closer to the typically observed range in the recovery well. 1,1,1-TCA (28 ug/L), PCE (1.9 ug/L), 1,1-DCA (40 ug/L), 1,1-DCE (7.1 ug/L), and TCE (1,900 ug/L) were closer to the typically observed concentrations while remaining slightly elevated (for example PCE in April, while low, was the second highest observed since 2001 and TCE was the fifth highest observed since 2001). In January 2013, two VOCs, 1,1,1-TCA (42 ug/L) and PCE (2.0 ug/L), were at the highest level observed. Three other compounds, 1,1-DCA (52 ug/L), 1,1-DCE (11 ug/L), and TCE (2,100 ug/L), were the second highest observed here.
- PW-3: In the recovery well, total VOCs (907 and 692 ug/L) and cis-DCE (160 and 170 ug/L) observed in January and April 2013 appear to be anomalously low. Additionally, the April 2013 TCE concentration (510 ug/L) was lower than normally observed. Total VOC concentrations typically range from 1,200 to 6,200 ug/L, TCE concentrations typically range from 700 to 5,000 ug/L, and cis-DCE concentrations typically range from 400 to 2,900 ug/L.

Limited data validation was performed on the analytical results. Analytical holding times, laboratory control sample recoveries, laboratory method blanks, MS/MSD precision and accuracy for designated spiked project samples, and surrogate recoveries associated with project samples, were considered acceptable. The sample data are considered usable and valid for their intended purpose.

SUMMARY OF OPERATIONS AND MAINTENANCE ACTIVITY

During the reporting period, routine maintenance was conducted on the groundwater recovery and treatment system to facilitate operations. Non-routine system maintenance and repairs during the quarter included:

- Responded to an alarm for blower failure to start after a short power outage. Reset the circuit breaker:
- Installed new lighting in blower room, several areas inside the treatment building, and all outside lighting;
- Removed unused old blower piping and repaired wall penetration;
- Replaced carbon reactor vessels outlet butterfly valves; and
- Temporarily repaired wiring to P-4. Permanent repairs are scheduled for next quarter.

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

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

Due to furfural not being detected in the influent tank (T-801) or further downstream in the treatment system, the 12-week furfural monitoring program was ended at 8 weeks with NYSDEC approval.

EFFLUENT AND PERMIT COMPLIANCE ISSUES

During the reporting period, approximately 2.9 million gallons of groundwater were recovered and treated including water from the vaults in the Metaullics facility. Treated groundwater was discharged to Cayuga Creek under SPDES permit NY0001988. The SPDES permit authorizes discharge through March 31, 2017. The average pumping rate from the system was approximately 22.4 gallons per minute (gpm) during the reporting period. The total extracted mass of VOCs during the second quarter of 2013 was 15.0 pounds. The extracted mass was estimated using individual well pumping rates and analytical results.

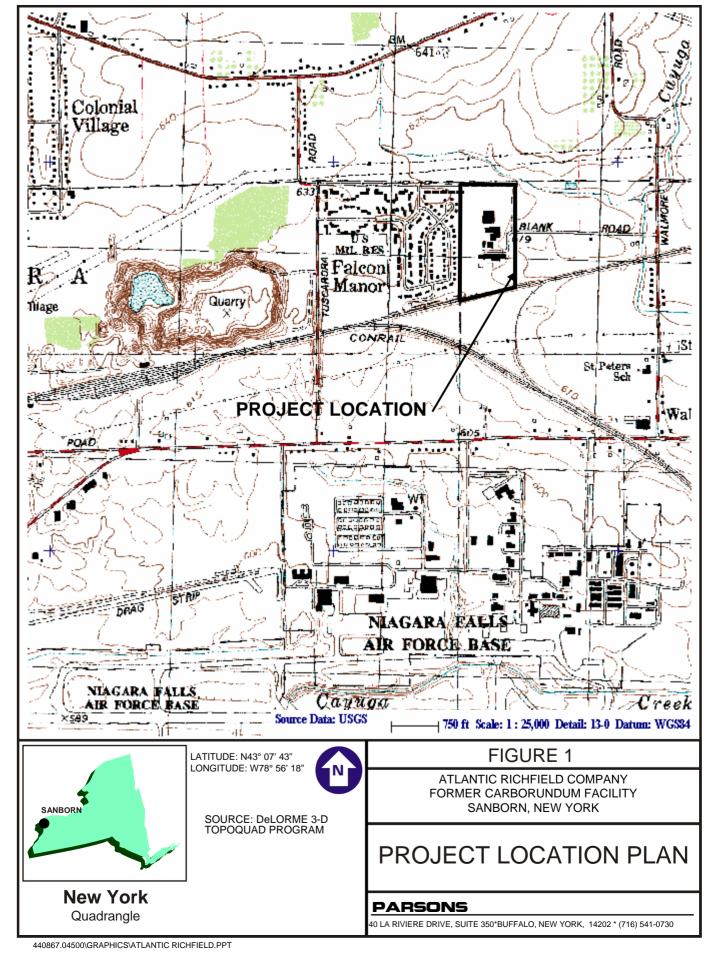
Effluent samples were collected at the outfall (OU1) inside the treatment building. Monthly discharge monitoring reports (DMRs) were provided to NYSDEC, in compliance with the SPDES permit (NY0001988). The DMRs documented the analytical results from the effluent samples. All analytical results were compliant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

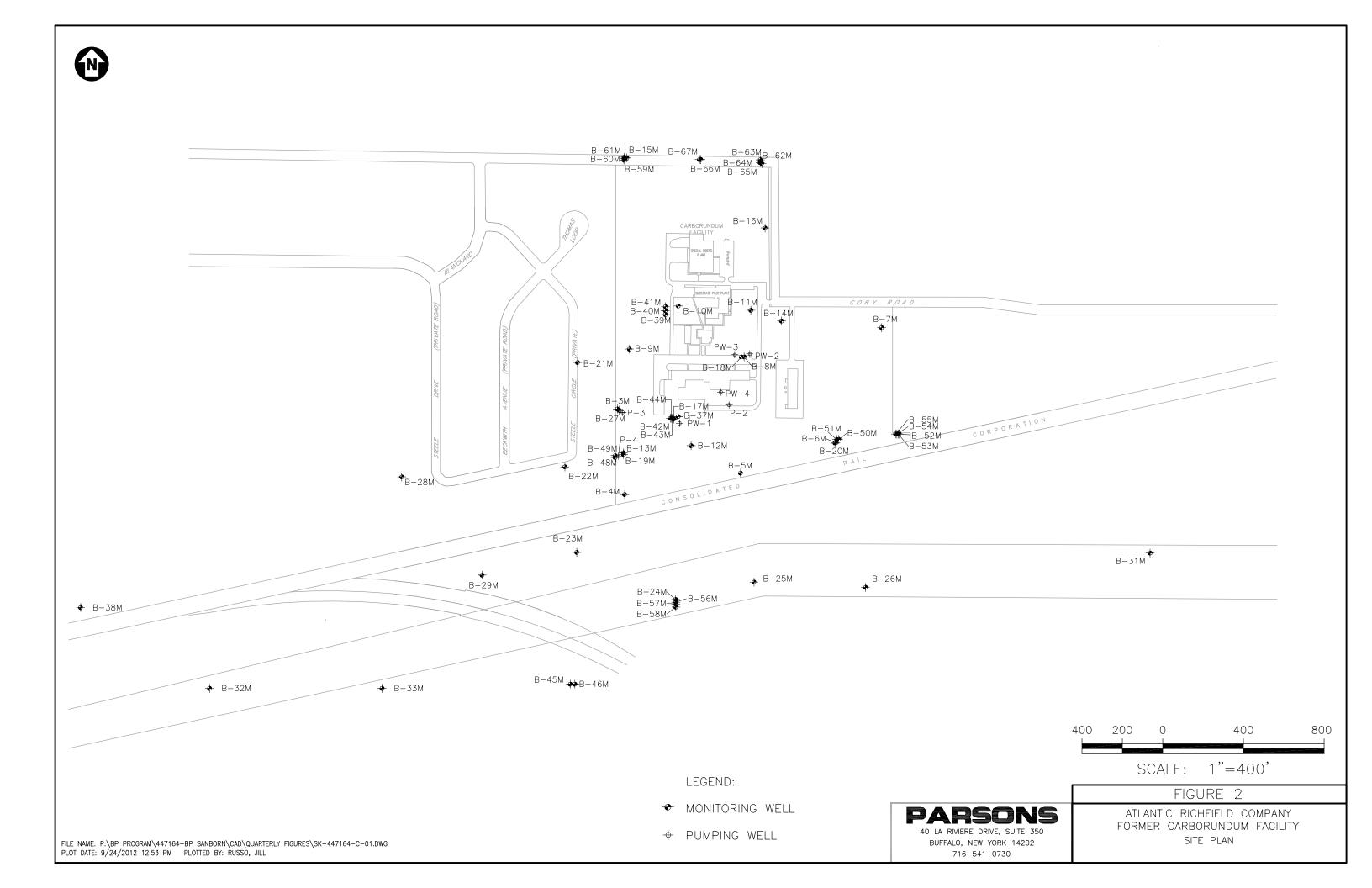
Table 6 provides the GRS performance summary for the quarter. The GRS uptime (hours during quarter that the GRS was operational/total hours during quarter) for the quarter was 100 percent. Recovery well PW-4 had been included in the operational uptime through the first quarter of 2013 but has not been operated since September 2012. Based on this fact, PW-4 has not been included in the uptime beginning the second quarter of 2013.

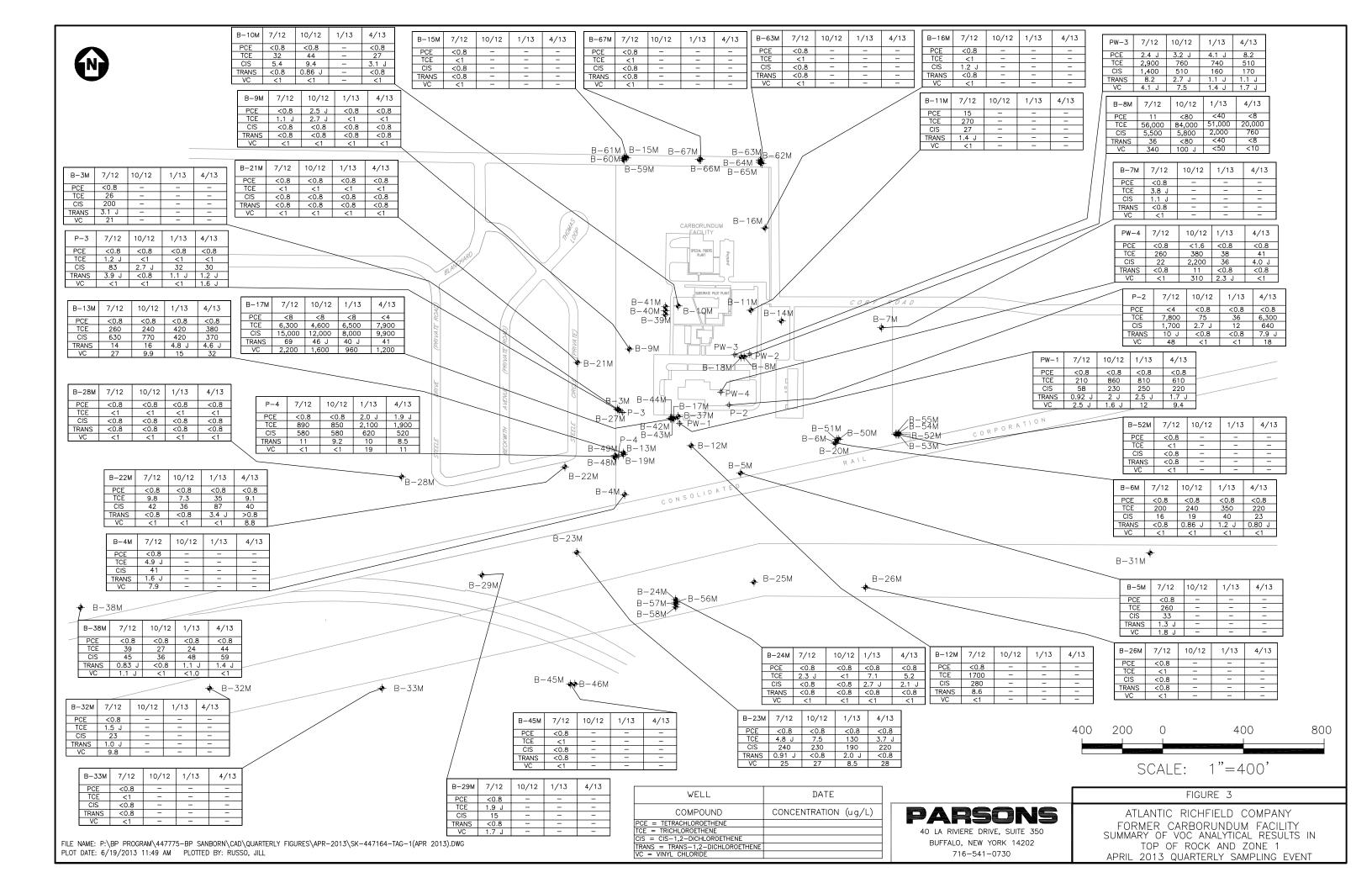
SUMMARY AND CONCLUSIONS

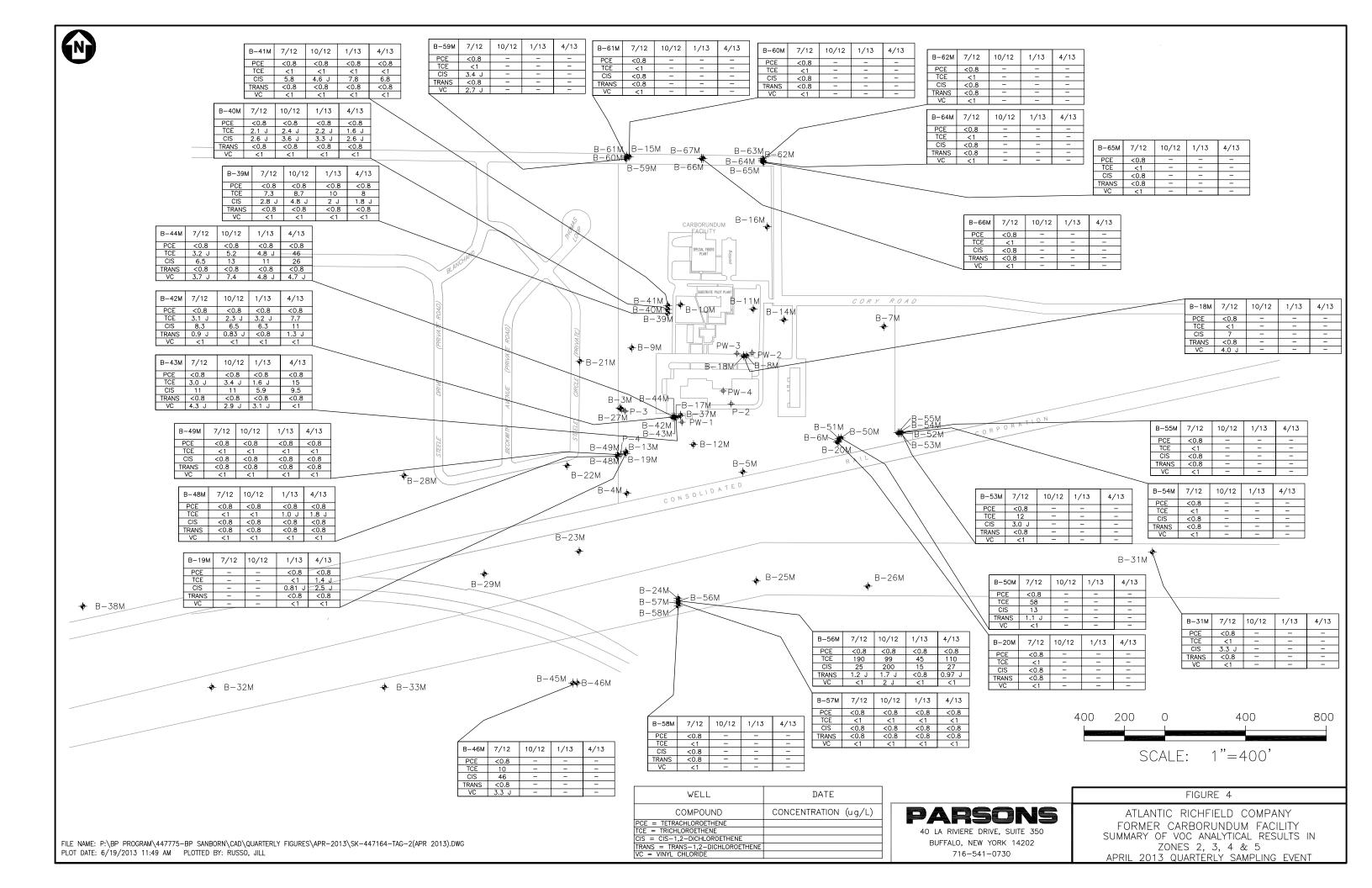
- Groundwater concentrations are consistent with recent data, with comments provided for B-10M, B-13M, B-38M, P-2, P-4, and PW-3.
- Groundwater elevations and flow paths were consistent with historical patterns.
- Based on the data review described in this report, the laboratory analytical data are considered valid for their intended use.
- Monthly DMRs were provided to NYSDEC. The discharge data were within the compliance parameters for each monthly reporting period.
- To the extent possible, the groundwater recovery and treatment system was operated continuously throughout the reporting period. Uptime of the GRS for the quarter was 100 percent.

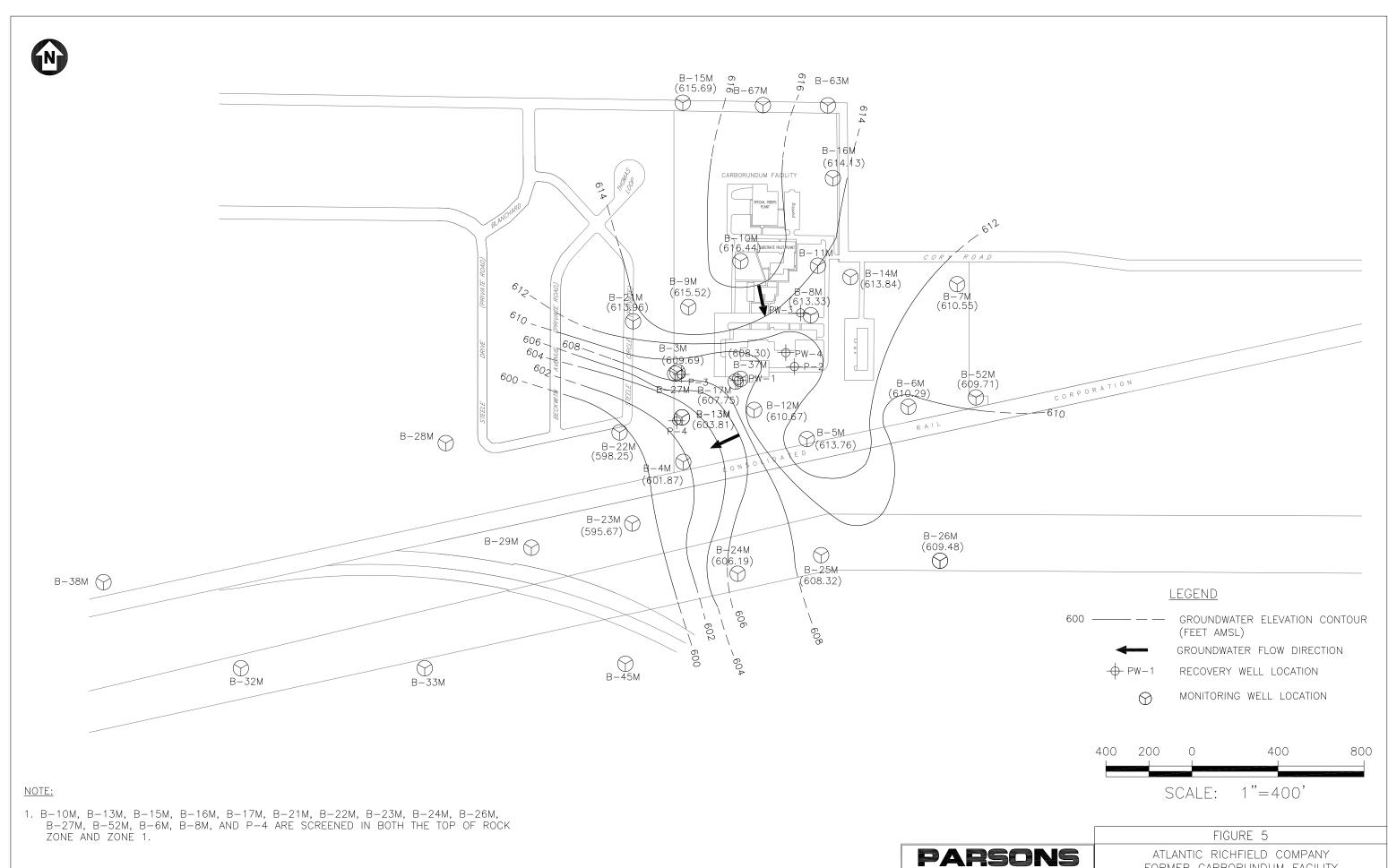
FIGURES







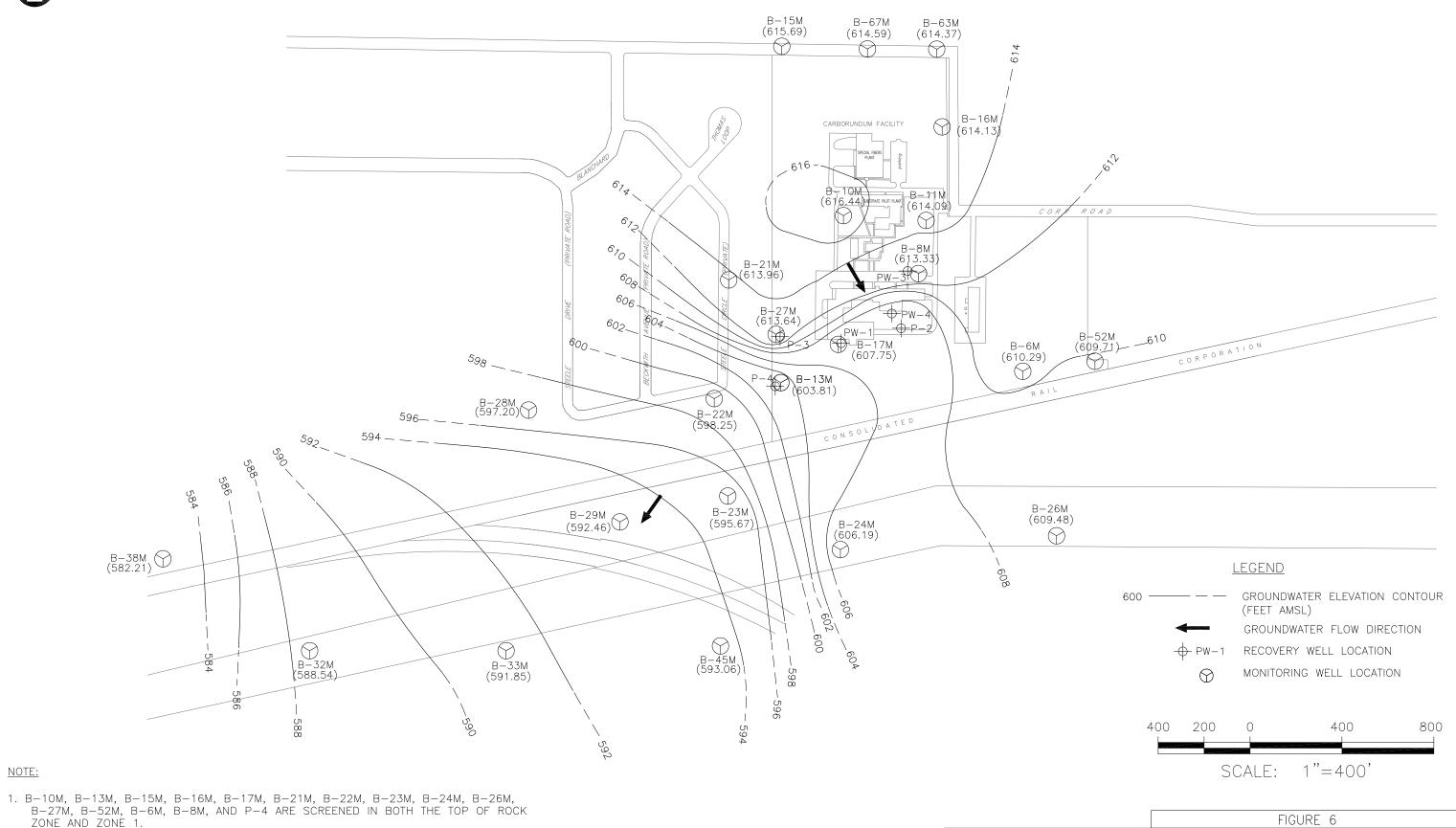




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40 LA RIVIERE DRIVE, SUITE 350 BUFFALO, NEW YORK 14202 716-541-0730 ATLANTIC RICHFIELD COMPANY
FORMER CARBORUNDUM FACILITY
GROUNDWATER ELEVATION
TOP OF ROCK — APRIL 1, 2013





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FORMER CARBORUNDUM FACILITY
GROUNDWATER ELEVATION
ZONE 1— APRIL 1, 2013

TABLES

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

			SANDOKN,	NEW YORK	
Monitoring		Top of Riser	Water Level	Groundwater	Remarks
Well	Date	Elevation		Elevation	
I.D.		(ft)	(ft)	(ft)	
P-2	04/01/13	619.67	22.16	597.51	
 					
P-3	04/01/13	627.35	28.96	598.39	
P-4	04/01/13	624.45	27.61	596.84	
PW-1	04/01/13	619.78	17.98	601.80	
PW-3	04/01/13	618.28	11.80	606.48	
PW-4	04/01/13	620.84	7.2	613.64	
B-3M	04/01/13	625.59	15.90	609.69	
B-4M	04/01/13	622.24	20.37	601.87	
B-5M	04/01/13	620.83	7.07	613.76	
B-6M	04/01/13	615.69	5.40	610.29	
B-7M	04/01/13	616.22	5.67	610.55	
B-8M	04/01/13	618.57	5.24	613.33	
B-9M	04/01/13	623.03	7.51	615.52	
B-10M	04/01/13	626.05	9.61	616.44	
B-11M	04/01/13	622.81	8.72	614.09	
B-12M	04/01/13	622.17	11.50	610.67	
B-13M	04/01/13	626.70	22.89	603.81	
B-14M	04/01/13	618.25	4.41	613.84	
B-14M B-15M		623.98	8.29	615.69	+
	04/01/13				
B-16M	04/01/13	624.31	10.18	614.13	+
B-17M	04/01/13	622.07	14.32	607.75	
B-18M	04/01/13	618.69	6.91	611.78	
B-19M	04/01/13	626.01	17.35	608.66	
B-20M	04/01/13	615.32	6.55	608.77	
B-21M	04/01/13	622.56	8.60	613.96	
B-22M	04/01/13	622.29	24.04	598.25	
B-23M	04/01/13	617.71	22.04	595.67	
B-24M	04/01/13	617.24	11.05	606.19	
B-25M	04/01/13	619.31	10.99	608.32	
B-26M	04/01/13	618.06	8.58	609.48	
B-27M	04/01/13	626.04	12.40	613.64	
B-28M	04/01/13	622.62	25.42	597.20	
B-29M	04/01/13	618.31	25.85	592.46	
B-31M	04/01/13	613.78	7.21	606.57	
B-32M	04/01/13	619.35	30.81	588.54	
B-33M	04/01/13	612.43	20.58	591.85	
B-37M	04/01/13	616.90		608.30	
	+		8.60		
B-38M	04/01/13	609.81	27.60	582.21	
B-39M	04/01/13	626.12	11.95	614.17	
B-40M	04/01/13	626.23	12.80	613.43	
B-41M	04/01/13	626.31	15.45	610.86	
B-42M	04/01/13	623.76	9.78	613.98	
B-43M	04/01/13	623.64	12.11	611.53	
B-44M	04/01/13	623.29	14.23	609.06	
B-45M	04/01/13	612.12	19.06	593.06	+
B-46M	04/01/13	613.46	20.65	592.81	+
					+
B-48M	04/01/13	625.40	11.78	613.62	+
B-49M	04/01/13	625.56	22.68	602.88	
B-50M	04/01/13	616.47	6.70	609.77	
B-51M	04/01/13	616.48		NA	damaged
B-52M	04/01/13	616.26	6.55	609.71	
B-53M	04/01/13	616.14	6.43	609.71	
B-54M	04/01/13	616.00	6.32	609.68	
B-55M	04/01/13	615.59	21.58	594.01	+
	+				+
B-56M	04/01/13	617.78	22.15	595.63	+
B-57M	04/01/13	617.80	24.00	593.80	
B-58M	04/01/13	617.99	21.38	596.61	
B-59M	04/01/13	625.53	20.72	604.81	
B-60M	04/01/13	625.67	12.75	612.92	
B-61M	04/01/13	625.72	11.29	614.43	
B-62M	04/01/13	624.14	2.93	621.21	lid missing
B-63M	04/01/13	624.04	9.67	614.37	
					+
B-64M	04/01/13	624.05	9.75	614.30	+
B-65M	04/01/13	623.98	11.04	612.94	
B-66M	04/01/13	625.54	10.66	614.88	
B-67M	04/01/13	625.59	11	614.59	

TABLE 2 MONITORING WELL GROUNDWATER PURGING DATA **APRIL 2013 QUARTERLY SAMPLING EVENT** FORMER CARBORUNDUM COMPANY SANBORN, NEW YORK

Monitoring Well ID	Date	Time	Top of Riser Elevation (ft)	Initial Water Level (ft)	Initial Groundwater Elevation (ft)	Measured Well Bottom (ft)	Water Column Hgt. (ft)	One Well Volume (gal)	Total Volume Purged (gal)	Purging Codes	Remarks
P-2	4/4/13	14:00	619.67								Pumping well
P-3	4/3/13	13:45	627.35								Pumping well
P-4	4/3/13	10:05	624.45								Pumping well
PW-1	4/4/13	10:06	619.78								Pumping well
PW-3	4/2/13	14:25	618.28								Pumping well
PW-4	4/2/13	14:15	618.28								Pumping well
B-6M	4/8/13	12:10	615.69	6.25	609.44	19.15	12.90	2.19	11	4	
B-8M	4/8/13	13:00	618.57	6.06	612.51	17.80	11.74	2.00	1.5	3	Alkalinity as CaCO ₃ = 200 mg/L, Ferrous Iron = 0 mg/L
B-9M	4/8/13	14:05	623.03	8.42	614.61	21.16	12.74	2.20	8.8	4	
B-10M	4/2/13	8:30	622.56	10.06	612.50	27.91	17.85	3.03	1.5	3	Alkalinity as CaCO ₃ = 240 mg/L, Ferrous Iron = 0.2 mg/L
B-13M	4/3/13	8:15	617.20	23.31	593.89	36.01	12.70	2.16	~2.5	3	Alkalinity as CaCO ₃ = 200 mg/L, Ferrous Iron = 0.2 mg/L
B-17M	4/4/13	8:15	622.07	15.11	606.96	26.00	10.89	1.85	~1.75	3	Alkalinity as CaCO ₃ = 220 mg/L, Ferrous Iron = 2.0 mg/L
B-19M	4/3/13	9:45	626.01	17.87	608.14	26.11	8.24	1.40	~2.3	3	Alkalinity as CaCO ₃ = 180 mg/L, Ferrous Iron = 0 mg/L
B-21M	4/9/13	9:50	622.56	9.64	612.92	26.60	16.96	2.88	15	4	
B-22M	4/9/13	11:10	617.71	25.30	592.41	35.95	10.65	1.81	~1.75	3	Alkalinity as CaCO ₃ = 200 mg/L, Ferrous Iron = 1.0 mg/L
B-23M	4/8/13	10:50	617.71	22.92	594.79	31.75	8.83	1.50	~1	3	Alkalinity as CaCO ₃ = 220 mg/L, Ferrous Iron = 0.8 mg/L
B-24M	4/8/13	10:00	617.20	11.68	605.52	26.65	14.97	2.54	13	4	
B-28M	4/9/13	10:35	622.62	27.19	595.43	34.58	7.39	1.26	7	4	
B-38M	4/9/13	8:50	609.81	27.76	582.05	41.23	13.47	2.29	12	4	
B-39M	4/2/13	13:00	626.12	12.21	613.91	44.00	31.79	5.40	2	3	Alkalinity as CaCO ₃ = 180 mg/L, Ferrous Iron = 0 mg/L
B-40M	4/2/13	11:25	626.23	13.20	613.03	57.90	44.70	7.60	~2.25	3	Alkalinity as CaCO ₃ = 180 mg/L, Ferrous Iron = 0 mg/L
B-41M	4/2/13	10:00	626.31	15.85	610.46	72.60	56.75	9.65	~2.2	3	Alkalinity as CaCO ₃ = 200 mg/L, Ferrous Iron = 0.4 mg/L
B-42M	4/4/13	12:15	623.76	10.30	613.46	45.41	35.11	5.97	~3	3	Alkalinity as CaCO ₃ = 180 mg/L, Ferrous Iron = 0 mg/L
B-43M	4/4/13	10:55	623.64	13.41	610.23	58.90	45.49	7.73	~1.75	3	Alkalinity as CaCO ₃ = 180 mg/L, Ferrous Iron = 0 mg/L
B-44M	4/4/13	9:40	623.29	15.08	608.21	80.45	65.37	11.11	~1.5	3	Alkalinity as CaCO ₃ = 180 mg/L, Ferrous Iron = 0 mg/L
B-48M	4/3/13	11:15	625.40	12.30	613.10	46.90	34.60	5.88	1.5	3	Alkalinity as CaCO ₃ = 200 mg/L, Ferrous Iron = 0 mg/L
B-49M	4/3/13	12:10	625.56	23.24	602.32	82.45	59.21	10.07	~2	3	Alkalinity as CaCO ₃ = 160 mg/L, Ferrous Iron = 0 mg/L
B-56M	4/8/13	9:05	617.78	22.75	595.03	39.61	16.86	2.90	14.5	5	
B-57M	4/8/13	8:30	617.80	25.28	592.52	50.60	25.32	4.30	5.1	4,5	
Quarry Pond	4/9/13	8:30			NA						

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

PARSONS Tables2&3_2Q13.xlsx

TABLE 3 MONITORING WELL GROUNDWATER SAMPLING DATA APRIL 2013 QUARTERLY SAMPLING EVENT FORMER CARBORUNDUM COMPANY SANBORN, NEW YORK

Monitoring Well ID	Date	Time	pH (standard units)	Specific Conductance (uS/cm)	Temperature (deg F)	Turbidity (NTU)	Remarks
P-2	4/4/13	14:00	6.34	1.27	51.4	10.9	Pumping well
P-3	4/3/13	13:45	6.69	1.31	48.1	50.8	Pumping well
P-4	4/3/13	10:05	6.51	0.98	46.5	1.23	Pumping well
PW-1	4/4/13	10:06	6.59	0.74	56.1	3.82	Pumping well
PW-3	4/2/13	14:25	6.22	1.50	45.5	4.72	Pumping well
PW-4	4/2/13	14:15	6.21	0.59	48.0	44.6	Pumping well
B-6M	4/8/13	12:10	7.48	0.94	50.10	333	
B-8M	4/8/13	13:00	7.38	1.12	10.99	40.8	
B-9M	4/8/13	14:05	7.04	0.55	46.70	46.3	
B-10M	4/2/13	8:30	6.74	1.39	8.45	10.1	
B-13M	4/3/13	8:15	7.12	1.65	9.65	10.3	
B-17M	4/4/13	8:15	7.15	0.979	13.20	11.8	
B-19M	4/3/13	9:45	7.57	1.18	7.31	0.75	
B-21M	4/9/13	9:50	6.75	1.15	52.80	16	
B-22M	4/9/13	11:10	7.27	1.2	13.32	7.59	
B-23M	4/8/13	10:50	7.27	1.07	11.93	11.3	
B-24M	4/8/13	10:00	6.75	1.16	49.50	26.9	
B-28M	4/9/13	10:35	7.25	1.12	52.80	259	
B-38M	4/9/13	8:50	6.95	1.10	51.00	39.3	
B-39M	4/2/13	13:00	6.95	0.903	8.37	4.1	
B-40M	4/2/13	11:25	6.77	2.01	7.90	10.1	
B-41M	4/2/13	10:00	7.15	0.882	7.81	3.9	
B-42M	4/4/13	12:15	7.28	0.754	11.60	7.3	
B-43M	4/4/13	10:55	7.55	1.47	9.77	7.74	
B-44M	4/4/13	9:40	7.58	2.51	12.78	12.6	
B-48M	4/3/13	11:15	7.13	0.805	8.42	1.22	
B-49M	4/3/13	12:10	7.01	2.76	7.30	2.0	
B-56M	4/8/13	9:05	6.97	1.19	50.20	124	
B-57M	4/8/13	8:30	7.05	2.13	50.40	14.4	
Tank#2	4/8/13		7.43	1.63	56.50	70.6	
VWCC	4/3/13	14:00	7.1	1.46	53.70	43.7	
Quarry Pond	4/9/13	8:30	6.60	2.12	50.30	2.73	

Tables2&3_2Q13.xlsx PARSONS

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

Well Id	Lab Sample ID	Sample Date	Carbon Tetrachlor ide ug/l	Chloroform ug/l	1,1-Dichloro- ethane ug/l	1,1-Dichloro- ethene ug/l	Methyl- ene chloride ug/l	trans-1,2- Dichloro- ethene ug/l	cis-1,2- Dichloro- ethene ug/l	total-1,2- Dichloro- ethene ug/l	1,1,1-Trichloro- ethane ug/l	Trichloro- ethene ug/l	Vinyl chloride ug/l	Tetrachloro- ethene ug/l
P-2	7011183	4/4/2013	< 2.0	< 1.6	81	22	< 4.0	7.9 J	640	647.9	590	6300	18	< 1.6
P-3	7010226	4/3/2013	< 1.0	< 0.80	< 1.0	< 0.80	< 2.0	1.2 J	30	31.2	< 0.80	< 1.0	1.6 J	< 0.80
P-4	7010225	4/3/2013	< 1.0	< 0.80	40	7.1	< 2.0	8.5	520	528.5	28	1900	11	1.9 J
PW-1	7011182	4/4/2013	< 1.0	< 0.80	2.1 J	1.1 J	< 2.0	1.7 J	220	221.7	1.5 J	610	9.4	< 0.80
PW-3	7007578	4/2/2013	< 1.0	< 0.80	< 1.0	0.81 J	< 2.0	1.1 J	170	171.1	< 0.80	510	1.7 J	8.2
PW-4	7007577	4/2/2013	< 1.0	< 0.80	< 1.0	< 0.80	< 2.0	< 0.80	4.0 J	4	< 0.80	41	< 1.0	< 0.80
B- 6M	7015025	4/8/2013	< 1.0	< 0.80	< 1.0	< 0.80	< 2.0	0.80 J	23	23.8	< 0.80	220	< 1.0	< 0.80
B- 8M	7015031	4/8/2013	< 10	< 8.0	< 10	< 8.0	< 20	< 8.0	760	760	< 8.0	20000	< 10	< 8.0
B- 9M	7015032	4/8/2013	< 1.0	< 0.80	< 1.0	< 0.80	< 2.0	< 0.80	< 0.80	< 0.80	< 0.80	< 1.0	< 1.0	< 0.80
B-10M	7007576	4/2/2013	< 1.0	< 0.80	< 1.0	< 0.80	< 2.0	< 0.80	3.1 J	3.1	2.3 J	27	< 1.0	< 0.80
B-13M	7010220	4/3/2013	< 1.0	< 0.80	21	3.6 J	< 2.0	4.6 J	370	374.6	4.0 J	380	32	< 0.80
B-17M	7011179	4/4/2013	< 5.0	< 4.0	54	36	< 10	41	9900	9941	7.9 J	7900	1200	< 4.0
B-19M	7010221	4/3/2013	< 1.0	< 0.80	< 1.0	< 0.80	< 2.0	< 0.80	2.5 J	2.5	< 0.80	1.4 J	< 1.0	< 0.80
B-21M	7016202	4/9/2013	< 1.0	< 0.80	< 1.0	< 0.80	< 2.0	< 0.80	< 0.80	< 0.80	< 0.80	< 1.0	< 1.0	< 0.80
B-22M	7016198	4/9/2013	< 1.0	< 0.80	< 1.0	< 0.80	< 2.0	< 0.80	40	40	< 0.80	9.1	8.8	< 0.80
B-23M	7015024	4/8/2013	< 1.0	< 0.80	< 1.0	< 0.80	< 2.0	< 0.80	220	220	< 0.80	3.7 J	28	< 0.80
B-24M	7015026	4/8/2013	< 1.0	< 0.80	< 1.0	< 0.80	< 2.0	< 0.80	2.1 J	2.1	< 0.80	5.2	< 1.0	< 0.80
B-28M	7016203	4/9/2013	< 1.0	< 0.80	< 1.0	< 0.80	< 2.0	< 0.80	< 0.80	< 0.80	< 0.80	< 1.0	< 1.0	< 0.80
B-38M	7016204	4/9/2013	< 1.0	< 0.80	1.4 J	< 0.80	< 2.0	1.4 J	59	60.4	< 0.80	44	< 1.0	< 0.80
B-39M	7007573	4/2/2013	< 1.0	< 0.80	< 1.0	< 0.80	< 2.0	< 0.80	1.8 J	1.8	< 0.80	8	< 1.0	< 0.80
B-40M	7007574	4/2/2013	< 1.0	< 0.80	< 1.0	< 0.80	< 2.0	< 0.80	2.6 J	2.6	< 0.80	1.6 J	< 1.0	< 0.80
B-41M	7007575	4/2/2013	< 1.0	< 0.80	< 1.0	< 0.80	< 2.0	< 0.80	6.8	6.8	< 0.80	< 1.0	< 1.0	< 0.80
B-42M	7011181	4/4/2013	< 1.0	< 0.80	< 1.0	< 0.80	< 2.0	1.3 J	11	12.3	< 0.80	7.7	< 1.0	< 0.80
B-43M	7011178	4/4/2013	< 1.0	< 0.80	< 1.0	< 0.80	< 2.0	< 0.80	9.5	9.5	< 0.80	15	< 1.0	< 0.80
B-44M	7011177	4/4/2013	< 1.0	< 0.80	6.6	< 0.80	< 2.0	< 0.80	26	26	< 0.80	46	4.7 J	< 0.80
B-48M	7010222	4/3/2013	< 1.0	< 0.80	< 1.0	< 0.80	< 2.0	< 0.80	< 0.80	< 0.80	< 0.80	1.8 J	< 1.0	< 0.80
B-49M	7010223	4/3/2013	< 1.0	< 0.80	< 1.0	< 0.80	< 2.0	< 0.80	< 0.80	< 0.80	< 0.80	< 1.0	< 1.0	< 0.80
B-56M	7015029	4/8/2013	< 1.0	< 0.80	< 1.0	< 0.80	< 2.0	0.97 J	27	27.97	< 0.80	110	< 1.0	< 0.80
B-57M	7015030	4/8/2013	< 1.0	< 0.80	< 1.0	< 0.80	< 2.0	< 0.80	< 0.80	< 0.80	< 0.80	< 1.0	< 1.0	< 0.80
Quarry	7016205	4/9/2013	< 1.0	< 0.80	< 1.0	< 0.80	< 2.0	< 0.80	< 0.80	< 0.80	< 0.80	< 1.0	< 1.0	< 0.80
T-002	7015034	4/8/2013	< 1.0	< 0.80	46	< 0.80	< 2.0	1.4 J	300	301.4	5.3	780	30	3.9 J

TABLE 5 NATURAL ATTENUATION ANALYTICAL RESULT SUMMARY APRIL 2013 QUARTERLY SAMPLING EVENT FORMER CARBORUNDUM COMPANY WHEATFIELD, NEW YORK

Compound	UNITS	B- 8M	B-10M	B-13M	B-17M	B-19M	B-22M	B-23M	B-39M	B-40M	B-41M	B-42M	B-43M	B-44M
BIOCHEMICAL OXYGEN DEMAND (BOD)	mg/l	< 4.9	< 3.8	< 5.1	< 2.9	< 4.4	< 4.1	< 5.5	< 3.9	< 4.0	< 3.9	< 3.2	< 3.7	10.2
CHLORIDE (AS CL)	mg/l	251	65.7	42.3	79.7	75.1	143	95.8	64.3	47.2	60.2	91.4	62.9	73.9
COD - CHEMICAL OXYGEN DEMAND	mg/l	37.3 J	14.5 J	< 12.8	30.4 J	< 12.8	< 12.8	< 12.8	14.5 J	< 12.8	< 12.8	< 12.8	< 12.8	32.7 J
DISSOLVED ORGANIC CARBON	mg/l	2.3	0.91 J	1.9	4.7	2.1	2.2	2.3	1.9	1.6	1.2	1.8	1.0	0.81 J
IRON	mg/l	0.573	0.567	0.286	6.89	0.0388 J	< 0.0141	0.909	0.0763 J	0.971	0.399	< 0.0141	< 0.0141	0.0708 J
MANGANESE	mg/l	0.122	0.0060	0.0336	0.136	0.0210	0.0021 J	0.0276	0.0095	0.0203	0.0144	0.0105	0.0113	0.0080
NITROGEN, NITRATE (AS N)	mg/l	< 0.25	0.74	< 0.25	< 0.25	< 0.25	< 0.25	< 0.25	1.3	0.30 J	< 0.25	0.86	< 0.25	< 0.25
NITROGEN, NITRITE	mg/l	< 0.40	< 0.40	< 0.40	< 0.40	< 0.40	< 0.40	< 0.40	< 0.40	< 0.40	< 0.40	< 0.40	< 0.40	< 0.40
SULFATE (AS SO4)	mg/l	135	98.7	1540	241	626	311	332	195	308	201	104	517	1650

TABLE 6 SECOND QUARTER 2013 GROUNDWATER REMEDIAL SYSYTEM PERFORMANCE SUMMARY FORMER CARBORUNDUM FACILITY SANBORN, NEW YORK

P-2	P-2		T				
P-2	P-2	Well	Category		2013	2013	2013
Uptime	Uptime			Days	30	31	30
Average Flow	Average Flow	P-2					
Average Flow	Average Flow		Uptime	(%)	100%	100%	100%
VOC Concentration	VOC Concentration		Average Flow	(gpm)			0.71
Total Contaminant Removed (lbs) 3.0 1.7 2.2 3.01	Total Contaminant Removed (bs) 3.0 1.7 2.8 % of Total Flow 3.09% 1.85% 3.0119						48,023
P-3	P-3						6,966
P-3	P-3			(lbs)			2.8
Uptime	Uptime		% of Total Flow		3.09%	1.85%	3.01%
Average Flow	Average Flow	P-3					
Total Flow	Total Flow		Uptime	(%)			100%
VOC Concentration	VOC Concentration						0.01
Total Contaminant Removed	Total Contaminant Removed						637
P-4	P-4						33
P-4	P-4	ļ	Total Contaminant Removed	(lbs)			
Uptime	Uptime		% of Lotal Flow		0.04%	0.03%	0.04%
Average Flow	Average Flow (gpm)	P-4					
Total Flow	Total Flow		Uptime				100%
VOC Concentration	VOC Concentration		Average Flow				
Total Contaminant Removed	Total Contaminant Removed (lbs)						
PW-1	Work Section Work Work						
PW-1	PW-1			(lbs)			
Uptime	Uptime		% of Total Flow		2.94%	2.93%	3.24%
Average Flow	Average Flow	PW-1					
Total Flow	Total Flow						100%
VOC Concentration	VOC Concentration		Average Flow				16.26
Total Contaminant Removed (ibs) 9.8 10.2 9.8 83.95 83.95 83.95 83.95 83.95 83.95 83.95 83.95 83.95 83.95 83.95 83.95 83.95 83.95 83.95 83.95 83.95 83.95 83.95 83.95 83.95 83.95 83.95 83.95 83.95 83.95 83.95 83.95 83.95 83.95 83.95 83.95 83.95 83.95 83.95 83.95 83.95 83.95 83.95 83.95 83.95 83.95 83.95 83.95 83.95 83.95 83.95 83.95 83.95 83.95 83.95 83.95 83.95 83.95 83.95 83.95 83.95 83.95 83.95 83.95 83.95 83.95 83.95 83.95 83.95 83.95 83.95 83.95 83.95 83.95 83.95 83.95 83.95 83.95 83.95 83.95 83.95 83.95 83.95 83.95 83.95 83.95 83.95 83.95 83.95 83.95 83.95 83.95 83.95 83.95 83.95 83.95 83.95 83.95 83.95 83.95 83.95 83.95 83.95 83.95 83.95 83.95 83.95 83.95 83.95 83.95 83.95 83.95 83.95 83.95 83.95 83.95 83.95 83.95 83.95 83.95 83.95 83.95 83.95 83.95 83.95 83.95 83.95 83.95 83.95 83.95 83.95 83.95 83.95 83.95 83.95 83.95 83.95 83.95 83.95 83.95 83.95 83.95 83.95 83.95 83.95 83.95 83.95 83.95 83.95 83.95 83.95 83.95 83.95 83.95 83.95 83.95 83.95 83.95 83.95 83.95 83.95 83.95 83.95 83.95 83.95 83.95 83.95 83.95 83.95 83.95 83.95 83.95 83.95 83.95 83.95 83.95 83.95 83.95 83.95 83.95 83.95 83.95 83.95 83.95 83.95 83.95 83.95 83.95 83.95 83.95 83.95 83.95 83.95 83.95 83.95 83.95 83.95 83.95 83.95 83.95 83.95 83.95 83.95 83.95 83.95 83.95 83.95 83.95 83.95 83.95 83.95 83.95 83.95 83.95 83.95 83.95 83.95 83.95 83.95 83.95 83.95 83.95 83.95 83.95 83.95 83.95 83.95 83.95 83.95 83.95 83.95 83.95 83.95 83.95 83.95 83.95 83.95 83.95 83.95 83.95 83.95 83.95 83.95 83.95 83.95 83.95 83.95 83.95 83.95 83.95 83.95 83.95 83.95	Total Contaminant Removed (lbs) 9.8 10.2 9.4						
Work	West						841
PW-3	PW-3			(lbs)		10.2	9.4
Uptime	Uptime		% of Total Flow		85.00%	89.15%	83.95%
Average Flow (gpm) 1.29 1.04 1.50 Total Flow (gal) 95,517 76,671 110,79 VOC Concentration (ppb) 691 691 691 Total Contaminant Removed (lbs) 0.6 0.4 0.6 % of Total Flow 5.79% 4.71% 6.94% PW-4 Uptime (%) 0% 0% 0% Average Flow (gpm) 0.00 0.00 0.00 Total Flow (gal) 0 0 VOC Concentration (ppb) 45 45 45 4 Total Contaminant Removed (lbs) 0.0 0.00% 0.00% Waults Uptime (%) 100% 100% 100% Average Flow (gpm) 1.20 0.48 1.04 Average Flow (gal) 51,791 21,497 45,09 VOC Concentration (ppb) 1,115 1,115 1,115 Total Contaminant Removed (lbs) 0.5 0.2 0.4 GRS Total Uptime (%) 83% 83% 83% Average Flow (gpm) 1.251 11.73 11.86 Uptime (%) 83% 83% 83% 83% 83% 83% 83% 83% 83% 83% 83% 83% 83% 83% 83% 83% 83% 83% 83% 83% 83% 83% 83% 83% 83% 83% 83% 83% 83% 83% 83% 83% 83% 83% 83% 83% 83% 83% 83% 83% 83% 83% 83% 83% 83% 83% 83% 83% 83% 83% 83% 83% 83% 83% 83% 83% 83% 83% 83% 83% 83% 83% 83% 83% 83% 83% 83% 83% 83% 83% 83% 83% 83% 83% 83% 83% 83% 83% 83% 83% 83% 83% 83% 83% 83% 83% 83% 83% 83% 83% 83% 83% 83% 83% 83% 83% 83% 83% 83% 83% 83% 83% 83% 83% 83% 83% 83% 83% 83% 83% 83% 83% 83% 83% 83% 83% 83% 83% 83% 83% 83% 83% 83% 83% 83% 83% 83% 83% 83% 83% 83% 83% 83% 83% 83% 83% 83% 83% 83% 83% 83% 83% 83% 83% 83% 83% 83% 83% 83% 83% 83% 83% 83% 83% 83% 83% 83% 83% 83% 83% 83% 83% 83% 83% 83% 83% 83% 83% 83% 83% 83% 83% 83% 83% 83% 83% 83% 83% 83% 83% 83% 83% 83% 83% 83% 83% 83% 83% 83% 83% 83% 83% 83% 83% 83% 83% 83% 83% 83% 83% 83% 83%	Average Flow	PW-3					
Total Flow	Total Flow (gal) 95,517 76,671 110,79 VOC Concentration (ppb) 691 691 691 691 691 691 691 691 691 691 691 691 691 691 691 691 691 691 691 691 691 691 691 691 691 691 691 691 691 691 691 691 691 691 691 691 691 691 691 691 691 691 691 691 691 691 691 691 691 691 691 691 691 691 691 691 691 691 691 691 691 691 691 691 691 691 691 691 691 691 691 691 691 691 691 691 691 691 691 691 691 691 691 691 691 691 691 691 691 691 691 691 691 691 691 691 691 691 691 691 691 691 691 691 691 691 691 691 691 691 691 691 691 691 691 691 691 691 691 691 691 691 691 691 691 691 691 691 691 691 691 691 691 691 691 691 691 691 691 691 691 691 691 691 691 691 691 691 691 691 691 691 691 691 691 691 691 691 691 691 691 691 691 691 691 691 691 691 691 691 691 691 691 691 691 691 691 691 691 691 691 691 691 691 691 691 691 691 691 691 691 691 691 691 691 691 691 691 691 691 691 691 691 691 691 691 691 691 691 691 691 691 691 691 691 691 691 691 691 691 691 691 691 691 691 691 691 691 691 691 691 691 691 691 691 691 691 691 691 691 691 691 691 691 691 691 691 691 691 691 691 691 691 691 691 691 691 691 691 691 691 691 691 691 691 691 691 691 691 691 691 691 691 691 691 691 691 691 691 691 691 691 691 691 691 691 691 691 691 691 691 691 691 691 691 691 691 691 691 691 691 691 691 691 691 691 691 691 691 691 691 691 691 691 691 691 691 691 691 691 691 691 691 691 691 691 691 691		Uptime	(%)			100%
VOC Concentration	VOC Concentration		Average Flow				
Total Contaminant Removed (lbs) 0.6 0.4 0.6 0.6 0.4 0.6 0.6 0.4 0.6 0.6 0.4 0.6 0.6 0.4 0.6 0.5 0.94 0.6 0.6 0.4 0.6 0.6 0.4 0.6 0.6 0.4 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6	Total Contaminant Removed (lbs) 0.6 0.4 0.6 0.6 % of Total Flow 5.79% 4.71% 6.94%						110,794
Wof Total Flow S.79% 4.71% 6.94%	Wof Total Flow S.79% 4.71% 6.94%			(ppb)			691
PW-4	PW-4		Total Contaminant Removed	(lbs)	0.6	0.4	0.6
Uptime (%) 0% 0% 0% Average Flow (gpm) 0.00 0.00 0.00 Total Flow (gal) 0 0 0 VOC Concentration (ppb) 45 45 4 Total Contaminant Removed (lbs) 0.0 0.0 0.0 % of Total Flow 0.00% 0.00% 0.00% 0.00% Vaults Uptime (%) 100% 100% 100% Average Flow (gpm) 1.20 0.48 1.04 Total Flow (gal) 51,791 21,497 45,09 VOC Concentration (ppb) 1,115 1,115 1,115 Total Contaminant Removed (lbs) 0.5 0.2 0.4 % of Total Flow 3.14% 1.32% 2.826 GRS Total Uptime (%) 83% 83% 83% Average Flow (gpm) 12.51 11.73 11.80	Uptime (%) 0% 0% 0% Average Flow (gpm) 0.00 0.00 0.00 Total Flow (gal) 0 0 0 VOC Concentration (ppb) 45 45 45 Total Contaminant Removed (lbs) 0.0 0.0 0.00 Vaults Uptime (%) 100% 100% 100% Average Flow (gpm) 1.20 0.48 1.04 Total Flow (gal) 51,791 21,497 45,09 VOC Concentration (ppb) 1,115 1,115 1,115 Total Contaminant Removed (lbs) 0.5 0.2 0.4 % of Total Flow 3.14% 1.32% 2.829 GRS Total Uptime (%) 83% 83% 83% Average Flow (gpm) 12.51 11.73 11.80 Total Flow-Mechanical Effluent Meter (gal) 996,867 968,615 971,67 VOCs to Influent (% of Total Flow		5.79%	4.71%	6.94%
Average Flow (gpm) 0.00 0.00 0.00 Total Flow (gal) 0 0 VOC Concentration (ppb) 45 45 45 Total Contaminant Removed (lbs) 0.0 0.00 0.00 % of Total Flow 0.00% 0.00% 0.00% Vaults Uptime (%) 100% 100% 100% Average Flow (gpm) 1.20 0.48 1.04 Total Flow (gal) 51,791 21,497 45,09 VOC Concentration (ppb) 1,115 1,115 1,111 Total Contaminant Removed (lbs) 0.5 0.2 0.4 % of Total Flow 3.14% 1.32% 2.82% GRS Total Uptime (%) 83% 83% 83% Average Flow (gpm) 12.51 11.73 11.80 Octoordinate	Average Flow (gpm) 0.00 0.00 0.00 Total Flow (gal) 0 0 0 VOC Concentration (ppb) 45 45 45 Total Contaminant Removed (lbs) 0.0 0.00 0.00 % of Total Flow 0.00% 0.00% 0.00% Vaults Uptime (%) 100% 100% 100% Average Flow (gpm) 1.20 0.48 1.04 Total Flow (gal) 51,791 21,497 45,09 VOC Concentration (ppb) 1,115 1,115 1,115 Total Contaminant Removed (lbs) 0.5 0.2 0.4 % of Total Flow 3.14% 1.32% 2.829 GRS Total Uptime (%) 83% 83% 83% Average Flow (gpm) 12.51 11.73 11.80 Total Flow-Mechanical Effluent Meter (gal) 996,867 968,615 971,67 VOCs to Influent (ppm) 832 306 685	PW-4					
Total Flow (gal) 0 0 0 VOC Concentration (ppb) 45 45 45 45 45 45 45 4	Total Flow			(%)			0%
VOC Concentration (ppb) 45 45 4 Total Contaminant Removed (lbs) 0.0 0.0 0.0 % of Total Flow 0.00% 0.00% 0.00% 0.00% Vaults Uptime (%) 100% 100% 100% 1.00% Average Flow (gpm) 1.20 0.48 1.04 1.04 1.04 1.04 1.04 1.04 1.04 1.04 1.04 1.04 1.04 1.04 1.04 1.04 1.04 1.04 1.04 1.04 1.04 1.04 1.04 1.04 1.04 1.04 1.04 1.04 1.04 1.04 1.04 1.04 1.04 1.04 1.04 1.04 1.04 1.04 1.04 1.04 1.04 1.04 1.04 1.04 1.04 1.04 1.04 1.04 1.04 1.04 1.04 1.04 1.04 1.04 1.04 1.04 1.04 1.04 1.04 1.04 1.04 1.04 1	VOC Concentration			(gpm)			0.00
Total Contaminant Removed (lbs) 0.0 0.0 0.0 0.0	Total Contaminant Removed (lbs) 0.0 0.0 0.0 0.0 0.0 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00				0		0
% of Total Flow 0.00% 0.00% 0.00% Vaults Uptime (%) 100% 100% 100% Average Flow (gpm) 1.20 0.48 1.04 Total Flow (gal) 51,791 21,497 45,09 VOC Concentration (ppb) 1,115 1,115 1,11 Total Contaminant Removed (lbs) 0.5 0.2 0.4 % of Total Flow 3.14% 1.32% 2.82° GRS Total Uptime (%) 83% 83% 83% Average Flow (gpm) 12.51 11.73 11.80	W of Total Flow 0.00% 0.00% 0.00% Vaults Uptime (%) 100% 100% 100% Average Flow (gpm) 1.20 0.48 1.04 Total Flow (gal) 51,791 21,497 45,09 VOC Concentration (ppb) 1,115 1,115 1,115 Total Contaminant Removed (lbs) 0.5 0.2 0.4 % of Total Flow 3.14% 1.32% 2.82% GRS Total Uptime (%) 83% 83% 83% Average Flow (gpm) 12.51 11.73 11.80 Total Flow-Mechanical Effluent Meter (gal) 996,867 968,615 971,67 VOCs to Influent (ppm) 832 306 685						45
Vaults Uptime (%) 100% 100% 100% Average Flow (gpm) 1.20 0.48 1.04 Total Flow (gal) 51,791 21,497 45,09 VOC Concentration (ppb) 1,115 1,115 1,11 Total Contaminant Removed (lbs) 0.5 0.2 0.4 % of Total Flow 3.14% 1.32% 2.82° GRS Total Uptime (%) 83% 83% 83% Average Flow (gpm) 12.51 11.73 11.80	Vaults Uptime Average Flow (gpm) (%) 100% 100% 100% Average Flow (gpm) 1.20 0.48 1.04 Total Flow (gal) 51,791 21,497 45,09 VOC Concentration (ppb) 1,115 1,115 1,115 Total Contaminant Removed (lbs) 0.5 0.2 0.4 % of Total Flow 3.14% 1.32% 2.82% GRS Total Uptime (%) 83% 83% 83% Average Flow (gpm) 12.51 11.73 11.80 Total Flow-Mechanical Effluent Meter (gal) 996,867 968,615 971,67 VOCs to Influent (ppm) 832 306 685			(lbs)			0.0
Uptime (%) 100% 100% 100% Average Flow (gpm) 1.20 0.48 1.04 Total Flow (gal) 51,791 21,497 45,09 VOC Concentration (ppb) 1,115 1,115 1,11 Total Contaminant Removed (lbs) 0.5 0.2 0.4 % of Total Flow 3.14% 1.32% 2.829 GRS Total (%) 83% 83% 83% Average Flow (gpm) 12.51 11.73 11.80	Uptime (%) 100% 100% 100% Average Flow (gpm) 1.20 0.48 1.04 Total Flow (gal) 51,791 21,497 45,09 VOC Concentration (ppb) 1,115 1,115 1,115 Total Contaminant Removed (lbs) 0.5 0.2 0.4 % of Total Flow 3.14% 1.32% 2.82% GRS Total Uptime (%) 83% 83% 83% Average Flow (gpm) 12.51 11.73 11.80 Total Flow-Mechanical Effluent Meter (gal) 996,867 968,615 971,67 VOCs to Influent (ppm) 832 306 685	<u> </u>	% of Total Flow		0.00%	0.00%	0.00%
Average Flow (gpm) 1.20 0.48 1.04 Total Flow (gal) 51,791 21,497 45,09 VOC Concentration (ppb) 1,115 1,115 1,115 1,11 Total Contaminant Removed (lbs) 0.5 0.2 0.4 % of Total Flow 3.14% 1.32% 2.829 GRS Total (%) 83% 83% 83% Average Flow (gpm) 12.51 11.73 11.80	Average Flow (gpm) 1.20 0.48 1.04 Total Flow (gal) 51,791 21,497 45,09 VOC Concentration (ppb) 1,115 1,115 1,115 Total Contaminant Removed (lbs) 0.5 0.2 0.4 % of Total Flow 3.14% 1.32% 2.82% GRS Total (%) 83% 83% 83% Average Flow (gpm) 12.51 11.73 11.80 Total Flow-Mechanical Effluent Meter (gal) 996,867 968,615 971,67 VOCs to Influent (ppm) 832 306 685	Vaults					
Total Flow (gal) 51,791 21,497 45,09 VOC Concentration (ppb) 1,115 1,115 1,115 1,11 Total Contaminant Removed (lbs) 0.5 0.2 0.4 % of Total Flow 3.14% 1.32% 2.829 GRS Total Uptime (%) 83% 83% 83% Average Flow (gpm) 12.51 11.73 11.80	Total Flow		Uptime				100%
VOC Concentration (ppb) 1,115 1,115 1,115 Total Contaminant Removed (lbs) 0.5 0.2 0.4 % of Total Flow 3.14% 1.32% 2.829 GRS Total Uptime (%) 83% 83% 83% Average Flow (gpm) 12.51 11.73 11.80	VOC Concentration (ppb) 1,115 1,115 1,115 Total Contaminant Removed (lbs) 0.5 0.2 0.4 % of Total Flow 3.14% 1.32% 2.82% GRS Total (%) 83% 83% 83% Average Flow (gpm) 12.51 11.73 11.80 Total Flow-Mechanical Effluent Meter (gal) 996,867 968,615 971,67 VOCs to Influent (ppm) 832 306 685						1.04
Total Contaminant Removed (Ibs) 0.5 0.2 0.4 % of Total Flow 3.14% 1.32% 2.82° GRS Total Uptime (%) 83% 83% 83° Average Flow (gpm) 12.51 11.73 11.80	Total Contaminant Removed (lbs) 0.5 0.2 0.4						45,096
% of Total Flow 3.14% 1.32% 2.82° GRS Total (%) 83% 83% 83° Average Flow (gpm) 12.51 11.73 11.80°	% of Total Flow 3.14% 1.32% 2.82% GRS Total Uptime (%) 83% 83% 83% Average Flow (gpm) 12.51 11.73 11.80 Total Flow-Mechanical Effluent Meter (gal) 996,867 968,615 971,67 VOCs to Influent (ppm) 832 306 685						1,115
GRS Total Uptime (%) 83% 83% 83% Average Flow (gpm) 12.51 11.73 11.80	GRS Total Uptime (%) 83% 83% 83% Average Flow (gpm) 12.51 11.73 11.80 Total Flow-Mechanical Effluent Meter (gal) 996,867 968,615 971,67 VOCs to Influent (ppm) 832 306 685	<u> </u>		(lbs)			0.4
Uptime (%) 83% 83% Average Flow (gpm) 12.51 11.73 11.80	Uptime (%) 83% 83% 83% Average Flow (gpm) 12.51 11.73 11.80 Total Flow-Mechanical Effluent Meter (gal) 996,867 968,615 971,67 VOCs to Influent (ppm) 832 306 685				3.14%	1.32%	2.82%
Average Flow (gpm) 12.51 11.73 11.80	Average Flow (gpm) 12.51 11.73 11.80 Total Flow-Mechanical Effluent Meter (gal) 996,867 968,615 971,67 VOCs to Influent (ppm) 832 306 685	GRS Tota					<u></u>
	Total Flow-Mechanical Effluent Meter (gal) 996,867 968,615 971,67 VOCs to Influent (ppm) 832 306 685						83%
	VOCs to Influent (ppm) 832 306 685		Average Flow				11.80
	VOCs to Influent (ppm) 832 306 685 Total Contaminant Removed (lbs) 6.9 2.5 5.6						971,672
VOCs to Influent (ppm) 832 306 685	Total Contaminant Removed (lbs) 69 25 56		VOCs to Influent				685
Total Contaminant Damayod (lbs) 60 051	15tar Contaminant (100) 0.0 2.0 0.0		Total Contaminant Removed	(lbs)	6.9	2.5	5.6

Notes:

- 1. For the period of 4/01/13 to 6/30/13.
- Uptime estimated and reflects potential uptime.
 Flow rates are estimated throughout the period due to meter malfunctions.
- 4. Total contaminant removed from each well is calculated using the flow meter at the well head.
- 5. VOC Concentration (in a given well) equals the sum of cis-1,2-DCE, trans-1,2-DCE, TCE, and PCE.
- 6. GRS total contaminant removed is based on the percentage of flow through the effluent meter
- 7. Total flow measured at the well heads may differ from total flow through the effluent meter.

APPENDIX A

MONITORING WELL SAMPLING FIELD FORMS

				SP, Sanborn, NY				
onitoring Well I.D.: B-6		Date: 4/8	13	Time Started: 12/0	Field P	ersonnel:	RC Becken	No.
eather Conditions: SVh	ing clea	<u>r</u>					<u> </u>	
omments:			<u> </u>				•	
								
			<u>.</u>	nitlal Readings				
leasured Well Bottom (TOR -				Riser Pipe Diameter				
leasured Water Level (TOR -	- 0	5		Conversion Factor (g	al/lineal ft)	1.25" = 0.08	2" = 0.17	3" = 0.38
alculated Water Column Heig				(Circle One)		4" = 0.66	6" = 1.50	8" = 2.60
ne Well Volume (gals.)	1-19			FiveWell Volumes (g	als.) 10.96	***		
otes:				V-0.0				
	-· ·			Vell Conditions				
/ell Riser Type (Circle one):	(21)	T	ss Steel	Carbon Ste		PVC	 -	
asing Condition:	(OK)	Repair Require					-	
ap Condition:	(QK)	Repair Require	-				_	_
aint Condition: ock Condition:	(OK)	Repair Require						
ner Casing Condition:	(OK)	Repair Require						
urface Seal Condition:	(OK)	Repair Require						
Other:	(OK)	Inchail require	3 U.					
			Pı	irge Information				
urging Method (Circle one):		Stainless	Steel Bailer	Peristaltic Pu	mp	Sample Port (Pr	umping Wells Or	ake)
			n Bailer	(Polyethylene B		complet of the	Jinping Wolld Of	
Well	Gailons	Temperature	Specific	Turbidity		THE RESERVE OF	RESVIEW THE	
Volume	Purged		Conductivity			Comments		ł
	(gai)	(deg C)	(mS/cm)	(NTU's)				į
2.19	-2	49.6	1.51	1000+				1
	~4	49.1	1.16	621]
	26	149.7	1.00	633		_][
	~ 8	49,6	0.99	617				1
]
								
omments: Amount purged	11 gal) ———		· 				
				npling Information	1			
ate: 4/8/13	Time Sampled	: 1240	Field Personne	el: RC	Becken			
leasured Water Level (TOR ft	1: 17.65							
ampling Method (Circle one):			Steel Bailer	Peristaltic Pu		Sample Port (P	umping Wells Or	ity)
	PROCESSION OF THE PROCESSION	Teflo	n Bailer	Polyethylene B	ailer Other:			
Sample	Temperature	pH	Specific	Turbidity			(0.000)	
LO.			Conductivity			Comments		
10-7	(deg C)	(S.U.)	(mS/cm)	(NTU's)		MO TO CHOOM STATE		1
B-6	50.1	7.48	0.94	\$ 3333		···		4
		 	 	 		·		-
ļ				 				1
		<u> </u>	<u> </u>			 -		<u> </u>
A/QC Samples Taken:								
omments:								
			ĭ	Signature				

O&M Enterprises, Inc.

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

Date 4/8/13

Monitoring Well I D.

Time Started: 1300

Field Personnel RCB

1400 Time Ended Weather Conditions Comments Initial Readings Risar Pipe Diameter (in.) Measured Well Bottom (TOR-ft) 17.8 6.06 One Well Volume (gal) Measured Water Level (TOR-ft) Notes Well Condition Well Riser Type Carbon Slack PVC Stainless Steel Repair Required Repair Required 010 Casing Condition. Cap Condition Repair Required. Paint Condition OK Repair Required Lock Condition OR Inner Casing Condition Repair Required Repair Required Surface Seal Condition OK) Repair Required Other. Purge Information Tellon Builer Stainless Steel Bailer Penstallic Pump Granditos Pump Purging Method: Place an X in oile box Polyethyleira Ba Disdust Plemp Other Amount Purged 1.5 4el Water Level after Purging (TOR ft.) L Flow Rate (ml. per minute ~/ング >-Comments. Sampling Information R C Becken Field Personnel. Time Sampled Date 4/8/13 Measured Water Level (TOR ft) 6.22 Grundfos Pump Teffon Buder Penstallic Pump ~ Sampling Method Stamless Steel Baller Bladder Pump Other place an X in box Polyethylene Bailei Flow Rate Turbleity Conductivity Dissolvad Redok Water Table emperature Laver Oaygen Slapeso min 5 6.21 160 7.43 ~125 m/1 13 1.14 1.05 139 6.22 1.14 7.43 10.71 0-25 13 j٥ 96,6 6,21 7.42 6.14 0.0 15 57.4 6.13 23 3 (26 7.40 0.0 6.22 10.66 0.0 41.8 7.38 6,22 25 10.39 35 6,22 0.0 30 0.74 7, 39 ル12 41.3 38 6122 1.12 0.0 10.95 7.38 35 6.22 1.12 40.8 -- HO.8 10.99 0,0 40 QA/QC Samples Taken Terrows from + O my/L Comments: Alkalinity as CaCO2 > 201 hall To Sampler (signature) Sampler (Print) Richard C. Becken

					WELL SAMPLIN BP, Sanborn, N	IG FIELD FO)AM	
Monitoring Well	II.D.: B.	1	Date: 4/8/	3	Time Started:	1405	Field Personnel:	RC Becken
Weather Condit								
Comments:								
					initial Reading	js		
Measured Well					Riser Pipe Diar	neter (in)	2 in.	
Measured Wate					Conversion Fac	ctor (gal/linea	al ft) 1.25"	= 0.08 (2" = 0.17) 3" = 0.38
Calculated Wat			14		(Circle One)		4" = 0	.66 6" = 1.50 8" = 2.60
One Well Volun	ne (gals.)	2.2			FiveWell Volun	nes (gals.)	10.8	
Notes:					Nall Oct 194	··· ·		
	(0)				Well Condition			<u> </u>
Well Riser Type		17.3		ss Steel	Carbo	n Steel	PVC	
Casing Condition	on:	(OK)	Repair Require					
Cap Condition:		(OK)	Repair Require				<u> </u>	
Paint Condition:		OK	Repair Require		······································		····	
Lock Condition:		OR	Repair Require					
Inner Casing Co		OR	Repair Require					
Surface Seal Co	ondition:	(OK)	Repair Require	:a:				
Other:	· · · · · ·			В	urge Informat	ion		<u>, </u>
Purging Method	(/Circle e-e)	·	Stainler !	Steel Bailer	_		D+1-	Bort (Burnning Mails Onto)
ruiging Metiloo	(Circle one):			Bailer		ene Bailer	Other:	Port (Pumping Wells Only)
	Well	Gallons	Temperature	Specific	Turbidity	one Daller	The state of the s	DESTRUCTION OF THE PARTY.
	Volume	Purged		Conductivity	1000	Sign Hall	Comments	
1		(gat)	(deg C)	(mS/cm)	(NTU's)	ion koz	Contract of the contract of th	
	2.2	-2.2	494	0.51	45			
		-4.4	479	0.48	61.6			
		-6.6	46.3	0.50	61.9			
		8.8~	46.2	0.53	73.6		·	
			10.7		1			
	L	-	-			 		
Comments:	Amount purge	d						<u> </u>
			· · · · · · · · · · · · · · · · · · ·	Sar	npling Inform	ation		
Date: 4/5/1	Z	Time Sampled	: 1430	Field Personn		R C Becken		·
Measured Wate	•		F		_			
Sampling Metho			Stainless	Steel Bailer	Peristal	tic Pump	Sample	Port (Pumping Wells Only)
				Bailer		ene Baile	Other:	
1	Sample	Temperature	A Designation of the last of t	Specific	Turbidity			Marie Indiana Tarak
	ID.	1		Conductivity	DESCRIPTION OF THE SECOND	RET LE	Comments	(0770)
		(deg C)	(80)	(mS/cm)	(NTU's)			
(3-9	46.7	五7,04	0.55	46.3			
			<u> </u>	<u> </u>				
QA/QC Sample:	s Taken:		3 Field	Dun#3	3			
Comments:								
	w			j.	Signature	^		
				7		()_	Becken	- Illalia
Sampler (Print):		Richard C. Be	cken	Sampler (sign	nature) Such	and L	- VORCHEL	Date: 4 (8) 13

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

Date 4/2/13

Monitoring Well ID 5-10

Time Started: 0830 Field Personnel RCB

Time Ended. 0955 Weather Conditions DVR1=act cold Comments Initial Readings Riser Pipe Diameter (in.) 2 Measured Well Bottom (TOR-ft) 3.03 One Well Volume (gal.) Measured Water Level (TOR-ft) Notes Well Condition tainless Stati PVC Well Riser Type Carbon Steel Repair Required. Casing Condition. THE REAL PROPERTY. Repair Required. Repair Required. Cap Condition Paint Condition OK) Repair Required Lock Condition Repair Required. Inner Casing Condition: UK Repair Required: Surface Seal Condition OK OK Repair Required: Other Purge Information Grundfes Pump Teffon Bailer Penstaltic Pump 🗙 **Purging Method:** Stainless Steel Bailer Stadder Pump Other Place an X in one box Polyethylene Baster Amount Purged: 1.5 60 Flow Rate (ml. per minute: -12-0 Water Level after Purging (TOR ft.) Comments. Sampling Information Field Personnel. R C Becken Time Sampled Date 4/2/13 Measured Water Level (TOR ft) 10.05 Teffon Bailer Peristallic Punis Grundfos Piimp Sampling Method Stamless Strel Baile: Other Bladder Pump place an X in box Polyethylene Saller Flow Rate Conductivity Disapived Vveter Turbldity emperature Vinus. Oxygen Lavel Elepsed min 6.73 55.4 4.3 10.04 -120-1/ 862 653 3.55 37.4 6.74 70 9 43 1.43 10.04 15 10.34 39.2 53 L. 13 1.48 2.90 76 15 16.04 22.4 6.12 2.59 80 3.52 20 10.55 3.42 2.36 36 13.9 6.73 25 34 30 8.35 6:13 2,16 0.05 17.2 82 15.6 3.40 2.17 10.55 6.74 1.39 27 10.05 15,0 1.39 2.15 43 8.4 6.74 10.1 39 2,13 10.05 8.45 6.74 1.37 45 QA/QC Samples Taken Comments: Alkalanty as Co O 2210 mg/2
Signature Farrows leur so 2 month Sampler (Print) Sampier (signature) Date. 4/2/13 Beden Richard G. Becken

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

Monitoring	Well ID	12/5	- T	Date :	3113	Time Start	ad. /3/3/5	Field Personnel RCB	
			. 1						
Weather C	anditions	SUMMY G	colet _			Time Ende	id. 0747	!	
Comments				initial Rea	dinas	- 164° 7			
Afternous regard	Well Bottom	/TOR-6)	36,01	BUMGI GAS	Oltable	Risar Pine	Diameter (in	1) 2	
IMARONICO	Kade Depois	110000	20,01				.,		
Measured 1	Water Level	(TOR-ft)	13.31			One Well	Volume (gal.)	, 2.16	
Notes									
			- 12.5						
	-in-in-Well			Well Cond			25.40		
Well Riser			Stainless S	Steel X	Carbon St Repair Re		PVC		
Casing Col			CIÓ		Repair Re				
Paint Cond			OK)		Repair Re				
Lock Cond			OK		Repair Re				
	ng Condition	,	OK		Repair Re	quired.			
Surface Se	al Condition		(QR)		Repair Re				
Other			OK	gar en a plantitudad a la	Repair Re	quired:			
				Purge infe		,			
Purging Me		Stamless Stoel	No.	Permatatic Pu	4	Grundles Pur	Aple .	Teffon Bailer	
		Pulyathyimin B	atler	Stander Pun		riute ~ /3			
Amount Pu			23.3		terr ber mi	nute ~ 15	15 July m		
Comments		ing (TOR ft)	23.5	4					
Constene		visi is. No.		Samolino	Informatio	n			1
Date 4 3	(Time Sampl	ed 0/13			Field Pers	onnel:	R C Becken	
Measured	Water Leve	(TOR fi)	22.32			اد خست ند را د			
Sampling h		Stemiess Steel		Per stallic Pu	late X	Grundkia Pur	mp	Teffon Baller	
place an X		Polyethylene B	eiler	Bladde: Pum	3	Other			
Times	Temperature	ρH	Conductivity	Dassolved	Redor	Water	Turbidity	Flow Rate	
Plapsed min		<u> </u>		Oxygen		Level	51.		
				2.20	1-146	114 / 7	40 <	1146	
5_	11.00	6.86	2.51			23.52	34.5	135 m/m	
10	10.61	6.90	2.56	0.07	-175	23.32	20.9	133 M / M	
10		6.90	2.56 2.56	0.00		23.32 23.32	20.9	133 141 14	
15	10.16	6.90	2.56	0.07	-175	23.32 23.32	20.9		
10 15 20	10.16 10.16 9.67	6.90	2.56 2.56 2.55	0.00	-175 - 209 - 223	23.32 23.32 23.32	20.9		
10 15 20 25	10.16 10.16 9.67	6.90 6.93 6-94 6.16	2.56 2.56 2.55 2.48	0.07 0.00 6.03 0.60	-175 - 209 - 223 -227	23.32 23.32 23.32 23.32	20. 9 14.5 15.3 13.9		
10 15 20 25 30	10.61 10.16 9.67 9.9	6.90 6.93 6-94 6.96 6.97	2.56 2.55 2.55 2.48 2.43	0.07 0.00 0.03 0.60 0.00	-175 - 207 - 223 -227 -224	23.32 23.32 23.32 23.32 23.32	20.9 14.5 15.3 13.9		
10 15 20 25 30 35	10.16 9.67 9.67 10.1 9.82	6.93 6.94 6.96 6.97 2. 07	2.56 2.55 2.55 2.48 2.43 2.00	0.07 0.00 0.00 0.00 0.00	-175 -209 -223 -227 -224 -89	23.32 23.32 23.32 23.32 23.32 23.32	20.7 14.5 15.3 13.9 12.1 11.2		
10 15 20 25 30 35 40	10.16 9.67 9.67 10.1 9.82 9.75	6.93 6.93 6.94 6.96 6.97 3. 07	2.56 2.56 2.55 2.48 2.43 2.00 1.81	0.07 0.00 0.00 0.00 0.00 0.00	-175 - 207 - 223 -227 - 224 - 187 - 172	23.32 23.32 23.32 23.32 23.32 23.32 23.32	20.7 14.5 15.3 13.9 12.1 11.2 11.0		
10 15 20 25 30 35 40 45	10.16 9.67 9.67 10.1 9.82 9.75 9.68	6.93 6.94 6.94 6.96 6.97 2. 07 7.1	2.56 2.56 2.55 2.48 2.43 2.60 1.81 1.65	0.07 0.00 0.00 0.00 0.00 0.00	-175 - 207 - 223 -227 - 224 - 187 - 172 - 170	23,32 23,32 23,32 23,32 23,32 23,32 23,32 23,32	20.7 14.5 15.3 13.9 12.1 11.2 11.0 10.5		
10 15 20 25 30 35 40 45 53	10.16 9.67 1.9 10.1 9.82 9.75 1.58 9.72	6.90 6.93 6.94 6.96 6.97 3. 07 7.11 7.11	2.56 2.55 2.55 2.48 2.43 2.60 1.81 1.65	0.07 0.00 0.00 0.00 0.00 0.00 0.0 0.0	-175 - 269 - 223 -227 - 224 - 189 - 172 - 170 - 165	23,32 23,32 23,32 23,32 23,32 23,32 23,32 23,32 23,32 23,32	26.7 14.5 15.3 13.9 12.1 11.2 11.0 10.5		
10 15 20 25 30 35 40 45	10.16 9.67 9.67 10.1 9.82 9.75 9.68	6.93 6.94 6.96 6.97 2. 07 7.11 7.11	2.56 2.56 2.55 2.48 2.43 2.60 1.81 1.65	0.07 0.00 0.00 0.00 0.00 0.00 0.0 0.0	-175 - 269 - 223 -227 - 224 - 189 - 172 - 170 - 165	23,32 23,32 23,32 23,32 23,32 23,32 23,32 23,32	26.7 14.5 15.3 13.9 12.1 11.2 11.0 10.5		
10 15 20 25 30 35 40 45 53	10.16 9.67 1.9 10.1 9.82 9.75 1.58 9.72	6.90 6.93 6.94 6.96 6.97 3. 07 7.11 7.11	2.56 2.55 2.55 2.48 2.43 2.60 1.81 1.65	0.07 0.00 0.00 0.00 0.00 0.00 0.0 0.0	-175 - 269 - 223 -227 - 224 - 189 - 172 - 170 - 165	23,32 23,32 23,32 23,32 23,32 23,32 23,32 23,32 23,32 23,32	26.7 14.5 15.3 13.9 12.1 11.2 11.0 10.5		
10 15 20 25 30 35 40 45 53	10.16 9.67 1.9 10.1 9.82 9.75 1.58 9.72	6.90 6.93 6.94 6.96 6.97 3. 07 7.11 7.11	2.56 2.55 2.55 2.48 2.43 2.60 1.81 1.65	0.07 0.00 0.00 0.00 0.00 0.00 0.0 0.0	-175 - 269 - 223 -227 - 224 - 189 - 172 - 170 - 165	23,32 23,32 23,32 23,32 23,32 23,32 23,32 23,32 23,32 23,32	26.7 14.5 15.3 13.9 12.1 11.2 11.0 10.5		
10 15 20 25 30 35 40 45 53	10.16 9.67 1.9 10.1 9.82 9.75 1.58 9.72	6.90 6.93 6.94 6.96 6.97 3. 07 7.11 7.11	2.56 2.55 2.55 2.48 2.43 2.60 1.81 1.65	0.07 0.00 0.00 0.00 0.00 0.00 0.0 0.0	-175 - 269 - 223 -227 - 224 - 189 - 172 - 170 - 165	23,32 23,32 23,32 23,32 23,32 23,32 23,32 23,32 23,32 23,32	26.7 14.5 15.3 13.9 12.1 11.2 11.0 10.5		
10 15 20 25 30 35 40 45 53	10.16 9.67 1.9 10.1 9.82 9.75 1.58 9.72	6.90 6.93 6.94 6.96 6.97 3. 07 7.11 7.11	2.56 2.55 2.55 2.48 2.43 2.60 1.81 1.65	0.07 0.00 0.00 0.00 0.00 0.00 0.0 0.0	-175 - 269 - 223 -227 - 224 - 189 - 172 - 170 - 165	23,32 23,32 23,32 23,32 23,32 23,32 23,32 23,32 23,32 23,32	26.7 14.5 15.3 13.9 12.1 11.2 11.0 10.5		
10 15 20 25 30 35 40 45 50 55	10.16 9.67 9.67 10.1 9.82 9.75 9.68 9.72 9.65	6.93 6.94 6.94 6.96 6.97 7.1 7.11 7.11	2.56 2.55 2.55 2.48 2.43 2.60 1.81 1.65	0.07 0.00 0.00 0.00 0.00 0.0 0.0	-175 - 269 - 223 -227 - 224 - 189 - 112 - 170 - 165 - 165	23,32 23,32 23,32 23,32 23,32 23,32 23,32 23,32 23,32 23,32	20.7 14.5 15.3 13.9 12.1 11.2 11.0 10.3 10.3		
10 15 20 25 30 35 40 45 50 55	10.16 9.67 9.67 10.1 9.82 9.75 9.72 9.72 9.65	6.93 6.94 6.94 6.96 6.97 7.11 7.11 7.11	2.56 2.55 2.55 2.48 2.43 2.60 1.81 1.65 1.65	0.07 0.00 0.00 0.00 0.00 0.0 0.0	-175 - 269 - 223 -227 - 224 - 189 - 112 - 170 - 165 - 165	23,32 23,32 23,32 23,32 23,32 23,32 23,32 23,32 23,32 23,32	20.7 14.5 15.3 13.9 12.1 11.2 11.0 10.3 10.3		
10 15 20 25 30 35 40 45 50 55	10.16 9.67 9.67 10.1 9.82 9.75 9.72 9.72 9.65	6.93 6.94 6.94 6.96 6.97 7.1 7.11 7.11	2.56 2.56 2.55 2.48 2.43 2.60 1.81 1.65 1.65 1.65	0.07 0.00 0.00 0.00 0.00 0.0 0.0 0.0 0.0	-175 -207 -223 -227 -224 -187 -172 -170 -165	23,32 23,32 23,32 23,32 23,32 23,32 23,32 23,32 23,32 23,32	20.7 14.5 15.3 13.9 12.1 11.2 11.0 10.3 10.3		
10 15 20 25 30 35 40 45 50 55	10.66 10.16 1.9 10.1 10.1 10.1 10.8 10.1 10.8 10.1 10.1 10.1 10.1 10.1 10.1 10.1 10.1 10.1 10.1 10.1 10.1 10.1 10.1 10.1 10.1 10.1 10.1 10.1 10.1 10.1 10.1 10.1 10.1 10.1 10.1 10.1 10.1 10.1 10.1 10.1 10.1 10.1 10.1 10.1 10.1 10.1 10.1 10.1 10.1 10.1 10.1 10.1 10.1 10.1 10.1 10.1 10.1 10.1 10.1 10.1 10.1 10.1 10.1 10.1 10.1 10.1 10.1 10.1 10.1 10.1 10.1 10.1 10.1 10.1 10.1 10.1 10.1 10.1 10.1 10.1 10.1 10.1 10.1 10.1 10.1 10.1 10.1 10.1 10.1 10.1 10.1 10.1 10.1 10.1 10.1 10.1 10.1 10.1 10.1 10.1 10.1 10.1 10.1 10.1 10.1 10.1 10.1 10.1 10.1 10.1 10.1 10.1 10.1 10.1 10.1 10.1 10.1 10.1 10.1 10.1 10.1 10.1 10.1 10.1 10.1 10.1 10.1 10.1 10.1 10.1 10.1 10.1 10.1 10.1 10.1 10.1 10.1 10.1 10.1 10.1 10.1 10.1 10.1 10.1 10.1 10.1 10.1 10.1 10.1 10.1 10.1 10.1 10.1 10.1 10.1 10.1 10.1 10.1 10.1 10.1 10.1 10.1 10.1 10.1 10.1 10.1 10.1 10.1 10.1 10.1 10.1 10.1 10.1 10.1 10.1 10.1 10.1 10.1 10.1 10.1 10.1 10.1 10.1 10.1 10.1 10.1 10.1 10.1 10.1 10.1 10.1 10.1 10.1 10.1 10.1 10.1 10.1 10.1 10.1 10.1 10.1 10.1 10.1 10.1 10.1 10.1 10.1 10.1 10.1 10.1 10.1 10.1 10.1 10.1 10.1 10.1 10.1 10.1 10.1 10.1 10.1 10.1 10.1 10.1 10.1 10.1 10.1 10.1 10.1 10.1 10.1 10.1 10.1 10.1 10.1 10.1 10.1 10.1 10.1 10.1 10.1 10.1 10.1 10.1 10.1 10.1 10.1 10.1 10.1 10.1 10.1 10.1 10.1 10.1 10.1 10.1 10.1 10.1 10.1 10.1 10.1 10.1 10.1 10.1 10.1 10.1 10.1 10.1 10.1 10.1 10.1 10.1 10.1 10.1 10.1 10.1 10.1 10.1 10.1 10.1 10.1 10.1 10.1 10.1 10.1 10.1 10.1 10.1 10.1 10.1 10.1 10.1 10.1 10.1 10.1 10.1 10.1 10.1 10.1 10.1 10.1 10.1 10.1 10.1 10.1 10.1 10.1 10.1 10.1 10.1 10.1 10.1 10.1 10.1 10.1 10.1 10.1 10.1 10.1 10.1 10.1 10.1 10.1 10.1 10.1 10.1 10.1 10.1 10.1 10.1 10.1 10.1 10.1 10.1 10.1 10.1 10.1 10.1 10.1 10.1 10.1	6.93 6.94 6.94 6.96 6.97 7.11 7.11 7.11	2.56 2.56 2.55 2.48 2.43 2.60 1.81 1.65 1.65 1.65	0.09 0.00 0.00 0.00 0.00 0.0 0.0 0.0	-175 -207 -223 -227 -224 -187 -172 -170 -165	23,32 23,32 23,32 23,32 23,32 23,32 23,32 23,32 23,32 23,32	20.7 14.5 15.3 13.9 12.1 11.2 11.0 10.3 10.3		
10 15 20 25 30 35 40 45 55 55	10.66 10.16 1.9 10.1 10.1 10.1 10.8 10.1 10.8 10.1 10.1 10.1 10.1 10.1 10.1 10.1 10.1 10.1 10.1 10.1 10.1 10.1 10.1 10.1 10.1 10.1 10.1 10.1 10.1 10.1 10.1 10.1 10.1 10.1 10.1 10.1 10.1 10.1 10.1 10.1 10.1 10.1 10.1 10.1 10.1 10.1 10.1 10.1 10.1 10.1 10.1 10.1 10.1 10.1 10.1 10.1 10.1 10.1 10.1 10.1 10.1 10.1 10.1 10.1 10.1 10.1 10.1 10.1 10.1 10.1 10.1 10.1 10.1 10.1 10.1 10.1 10.1 10.1 10.1 10.1 10.1 10.1 10.1 10.1 10.1 10.1 10.1 10.1 10.1 10.1 10.1 10.1 10.1 10.1 10.1 10.1 10.1 10.1 10.1 10.1 10.1 10.1 10.1 10.1 10.1 10.1 10.1 10.1 10.1 10.1 10.1 10.1 10.1 10.1 10.1 10.1 10.1 10.1 10.1 10.1 10.1 10.1 10.1 10.1 10.1 10.1 10.1 10.1 10.1 10.1 10.1 10.1 10.1 10.1 10.1 10.1 10.1 10.1 10.1 10.1 10.1 10.1 10.1 10.1 10.1 10.1 10.1 10.1 10.1 10.1 10.1 10.1 10.1 10.1 10.1 10.1 10.1 10.1 10.1 10.1 10.1 10.1 10.1 10.1 10.1 10.1 10.1 10.1 10.1 10.1 10.1 10.1 10.1 10.1 10.1 10.1 10.1 10.1 10.1 10.1 10.1 10.1 10.1 10.1 10.1 10.1 10.1 10.1 10.1 10.1 10.1 10.1 10.1 10.1 10.1 10.1 10.1 10.1 10.1 10.1 10.1 10.1 10.1 10.1 10.1 10.1 10.1 10.1 10.1 10.1 10.1 10.1 10.1 10.1 10.1 10.1 10.1 10.1 10.1 10.1 10.1 10.1 10.1 10.1 10.1 10.1 10.1 10.1 10.1 10.1 10.1 10.1 10.1 10.1 10.1 10.1 10.1 10.1 10.1 10.1 10.1 10.1 10.1 10.1 10.1 10.1 10.1 10.1 10.1 10.1 10.1 10.1 10.1 10.1 10.1 10.1 10.1 10.1 10.1 10.1 10.1 10.1 10.1 10.1 10.1 10.1 10.1 10.1 10.1 10.1 10.1 10.1 10.1 10.1 10.1 10.1 10.1 10.1 10.1 10.1 10.1 10.1 10.1 10.1 10.1 10.1 10.1 10.1 10.1 10.1 10.1 10.1 10.1 10.1 10.1 10.1 10.1 10.1 10.1 10.1 10.1 10.1 10.1 10.1 10.1 10.1 10.1 10.1 10.1 10.1 10.1 10.1 10.1 10.1 10.1 10.1 10.1 10.1 10.1 10.1 10.1 10.1 10.1 10.1 10.1 10.1 10.1 10.1 10.1 10.1 10.1 10.1 10.1 10.1 10.1 10.1 10.1 10.1 10.1 10.1 10.1	6.93 6.94 6.94 6.96 6.97 7.11 7.11 7.11	2.56 2.56 2.55 2.48 2.43 2.60 1.81 1.65 1.65 1.65	0.07 0.00 0.00 0.00 0.00 0.0 0.0 0.0 0.0	-175 -207 -223 -227 -224 -187 -172 -170 -165	23,32 23,32 23,32 23,32 23,32 23,32 23,32 23,32 23,32 23,32	20.7 14.5 15.3 13.9 12.1 11.2 11.0 10.3 10.3	Date. 4/3//3	

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

BP. Sanborn, NY

								199
Monitoring	Well I D	B-11		Date 4/4	1/13	Time Start	ed: 08,5	Field Personnel: RCB
Weather C	onditions.	\$UN0-4	cool			Time Ende	ed 0935	
Comments		24.400						
	·			initial Rea	dings			
Measured 1	Well Bottom	(TOR-ft)	20.0	47 7		Riser Pipe	Diameter (in) 4
Mensured 1	Water Level	(TOR-ft)	15.11			One Well	Volume (gal.)	
Notes								
				-Well Cond	del			
Well Riser	Tuno		Stainless S		Carbon St	aci	PVC	
Casing Co			(DEZ	101	Repair Re			
Cap Condi			OR .		Repair Re			
Paint Cond		·	(OK		Repair Re			
Lock Cond			TO A		Repair Re			
	ng Condition	: :	OK -		Repair Re			
	al Condition		(OK)		Repair Re	quired:		
Other.	/3		ОК		Repair Re	guired:		
				Purge Info				
Purging Mi	ethod:	Stainless Stee	Bailer	Penstellic P.		Grundres Pu	mp	Tetion Bailer
		Polyethylene E		Sladder Pum		Other:		
Amount Pl	rged: ~/.	25 -00-1			(mL per mi	nute ~//	m/mm	
Water Lev	el after Pum	ing (TOR ft	15.25					
Comments								
7	1			Sampling	Informatio	n		
Date 4/4	/14	Time Samp	led 092	5		Field Pers	onnel:	R C Becken
Measured	Water Leve	(TOR ft)	5.24					
Sampling i		Stainless Stee		Perstellic Fu	etip X	Grundfos Pui	mp	Yafton Baller
place an X		Polyethylene E		Blaide: Pun		Other		
	Temperature	ρН	Conductivity	Dissolved	Redox	Wate:	Turbidity	Flow Rate
Elepaso min			1	Oxygen	3.51	Level		
\$10	16.10	6.96	1.69	4.51	-231	15.25	29.5	1-100 ml/m
			+		-210			
			11.	1 (2)		1/5.40	ط 23	1-110 n/1m
15	12.76	700	1.20	6.16		15.25	236	~115 n/lm
15 20	13.93	700	1005	5 85	-202	15,25	21.3	~115 m/cm
15 30 25	12.76 13.93 13.89	700 7.12 7.13	1.02	5 85 3 94	-202	15.25	21.3	~116 m/cm
15 30 25	13.93	700	1005	5 85	-202	15,25 15,25 15,25	21.3 22.3 12.0	~116 m/cm
15 20 25 30	12.76 13.93 13.89 13.14	700 7.12 7.13 7.13	1.02	5 85 3 9 4 5.60	-202	15.25	21.3	~115 m/(m
15 30 25 30 35	12.76 13.93 13.89 13.14 13.47	700 7.12 7.13 7.13	1.01	5 85 3 9 4 5.60 5.60	-202 -196 -195 -193	15,25 15,25 15,25 15,25	21.3 22.3 12.0 12.6	~115 m/(m
15 20 25 30 35 48	12.76 13.93 13.89 13.14 13.47 13.35	706 7.12 7.13 7.13 7.15	1.01	5.85 3.9 4 5.60 5.60 5.60	- 202 -196 -195 -193 -194	15,25 15,25 15,25 15,25 15,25	21.3 22.3 12.0 12.6 12.2	~115 m/(m
15 30 25 30 35 45	12.76 13.93 13.89 13.14 13.47 13.35 13.27	700 7.12 7.13 7.13 7.15 7.15 7.16	1.02 1.01 1.01 0.979 0.979	5.85 3.9 4 5.60 5.60 5.60 5.55	- 202 -196 -195 -193 -194 -192	15,25 15,25 15,25 15,25 15,25	21.3 22.3 12.0 12.6 12.2	~115 m] (m
15 30 25 30 35 45 45 50	12.76 13.93 13.89 13.14 13.47 13.35 13.27	700 7.12 7.13 7.13 7.15 7.16 7.16	1.02 1.01 1.01 0.979 0.979 0.979	5.85 3.9 4 5.60 5.60 5.60 5.60 5.60	-202 -196 -195 -193 -194 -192 -193	15,25 15,25 15,25 15,25 15,25 15,25	21.3 22.3 12.0 12.6 12.2 11.9 12.3	~//S m/ (m
15 30 25 30 35 48 45	12.76 13.93 13.89 13.14 13.47 13.35 13.27	700 7.12 7.13 7.13 7.15 7.16 7.16	1.02 1.01 1.01 0.979 0.979 0.979	5.85 3.9 4 5.60 5.60 5.60 5.55	-202 -196 -195 -193 -194 -192 -193	15,25 15,25 15,25 15,25 15,25	21.3 22.3 12.0 12.6 12.2 11.9 12.3	~//S m//m
15 30 25 30 35 45	12.76 13.93 13.89 13.14 13.47 13.35 13.27	700 7.12 7.13 7.13 7.15 7.15 7.16	1.02 1.01 1.01 0.979 0.979 0.979	5.85 3.9 4 5.60 5.60 5.60 5.60 5.60	-202 -196 -195 -193 -194 -192 -193	15,25 15,25 15,25 15,25 15,25 15,25	21.3 22.3 12.0 12.6 12.2 11.9 12.3	~//S m//m
15 30 25 30 35 48 45 50	12.76 13.93 13.89 13.14 13.47 13.35 13.27	700 7.12 7.13 7.13 7.15 7.16 7.16	1.02 1.01 1.01 0.979 0.979 0.979	5.85 3.9 4 5.60 5.60 5.60 5.60 5.60	-202 -196 -195 -193 -194 -192 -193	15,25 15,25 15,25 15,25 15,25 15,25	21.3 22.3 12.0 12.6 12.2 11.9 12.3	~//S n//m
15 30 25 30 35 48 45	12.76 13.93 13.89 13.14 13.47 13.35 13.27	700 7.12 7.13 7.13 7.15 7.16 7.16	1.02 1.01 1.01 0.979 0.979 0.979	5.85 3.9 4 5.60 5.60 5.60 5.60 5.60	-202 -196 -195 -193 -194 -192 -193	15,25 15,25 15,25 15,25 15,25 15,25	21.3 22.3 12.0 12.6 12.2 11.9 12.3	~//S n//m
15 30 25 30 35 48 45	12.76 13.93 13.89 13.14 13.47 13.35 13.27	700 7.12 7.13 7.13 7.15 7.16 7.16	1.02 1.01 1.01 0.979 0.979 0.979	5.85 3.9 4 5.60 5.60 5.60 5.60 5.60	-202 -196 -195 -193 -194 -192 -193	15,25 15,25 15,25 15,25 15,25 15,25	21.3 22.3 12.0 12.6 12.2 11.9 12.3	~//S n//m
15 30 25 30 35 48 45	12.76 13.93 13.89 13.14 13.47 13.35 13.27	700 7.12 7.13 7.13 7.15 7.16 7.16	1.02 1.01 1.01 0.979 0.979 0.979	5.85 3.9 4 5.60 5.60 5.60 5.60 5.60	-202 -196 -195 -193 -194 -192 -193	15,25 15,25 15,25 15,25 15,25 15,25	21.3 22.3 12.0 12.6 12.2 11.9 12.3	~//S n//m
15 30 25 30 35 45 45 50	12.76 13.93 13.89 13.14 13.47 13.35 13.27	700 7.12 7.13 7.13 7.15 7.16 7.16	1.02 1.01 1.01 0.979 0.979 0.979	5.85 3.9 4 5.60 5.60 5.60 5.60 5.60	-202 -196 -195 -193 -194 -192 -193	15,25 15,25 15,25 15,25 15,25 15,25	21.3 22.3 12.0 12.6 12.2 11.9 12.3	~//S n//m
15 30 25 30 35 48 45 50 55	12.76 13.93 13.89 13.14 13.47 13.35 13.21 13.21	700 7.12 7.13 7.13 7.15 7.16 7.16 7.16	1.02 1.01 1.01 0.979 0.979 0.979	5.85 3.9 4 5.60 5.60 5.60 5.60 5.60	-202 -196 -195 -193 -194 -192 -193	15,25 15,25 15,25 15,25 15,25 15,25	21.3 22.3 12.0 12.6 12.2 11.9 12.3	~//S n//m
15 30 25 30 35 45 45 50 55	12.76 13.93 13.89 13.14 13.47 13.35 13.27 13.21 13.20	700 7.12 7.13 7.13 7.15 7.16 7.16 7.16	1.05 1.01 1.01 0.979 0.979 0.979 0.979	5.60 5.60 5.60 5.60 5.50 5.50 5.59	- 202 -196 -195 -193 -194 -192 -193 -194	15,25 15,25 15,25 15,25 15,25 15,25 15,25	21.3 22.3 12.0 12.6 12.2 11.9 12.3 11.8	
15 30 25 30 35 45 45 50 55	12.76 13.93 13.89 13.14 13.47 13.35 13.27 13.21 13.20	700 7.12 7.13 7.13 7.15 7.16 7.16 7.16	1.05 1.01 1.01 0.979 0.979 0.979 0.979	5.60 5.60 5.60 5.60 5.55 5.61	- 202 -196 -195 -193 -194 -193 -194	15,25 15,25 15,25 15,25 15,25 15,25 15,25	21.3 22.3 12.0 12.6 12.2 11.9 12.3 11.8	
/5 30 25 30 35 45 50 55	12.76 13.93 13.89 13.14 13.47 13.35 13.21 13.21 13.20	700 7.12 7.13 7.13 7.15 7.16 7.16 7.16	1.05 1.01 1.01 0.979 0.979 0.979 0.979	5.60 5.60 5.60 5.60 5.55 5.61 5.59	- 202 -196 -195 -193 -194 -193 -194	15,25 15,25 15,25 15,25 15,25 15,25 15,25	21.3 22.3 12.0 12.6 12.2 11.9 12.3 11.8	
15 30 25 30 35 45 50 55	12.76 13.93 13.89 13.14 13.47 13.35 13.21 13.21 13.20	700 7.12 7.13 7.13 7.15 7.16 7.16 7.16	1.05 1.01 1.01 0.979 0.979 0.979 0.979	5.60 5.60 5.60 5.60 5.55 5.61 5.59	- 202 -196 -195 -193 -194 -193 -194	15,25 15,25 15,25 15,25 15,25 15,25 15,25	21.3 22.3 12.0 12.6 12.2 11.9 12.3 11.8	
/5 30 25 30 35 45 50 55	12.76 13.93 13.89 13.14 13.47 13.21 13.21 13.20 13.20	700 7.12 7.13 7.13 7.15 7.16 7.16 7.16	1.05 1.01 1.01 0.979 0.979 0.979 0.979	5.60 5.60 5.60 5.60 5.55 5.61 5.59	- 202 -196 -195 -193 -194 -193 -194	15,25 15,25 15,25 15,25 15,25 15,25 15,25	21.3 22.3 12.0 12.6 12.2 11.9 12.3 11.8	

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

								•).	
Monitoring	Well ID. K	3-14		Date 4/3	113	Time Start	led: 0745	Field Personnel: RCB	
Weather C	onditions.	Sung	eciel_			Time Ende	ed.		_
Comments	5 .	1							
				Initial Rea	dings	***			
Measured	Well Bottom	(TOR-ft)	26.1			Riser Pipe	Diameter (in	リン	
Managard	Water Level	L/T/\P_#\	17.87			One We't	Volume (gal.)	1.4	
Notes	AAGIO! CEAC	·				One we	Votoriie (Hai.)		
					·	-,			
	-		1 22 2 2 2 2	Well Cond	ition				
Well Riser	Type	ł	Stainless	Steel	Carbon SI		PVC	<u> </u>	
Casing Co Cap Condi	notuon.		OK OIO		Repair Re Repair Re				
Paint Cond			OD		Repair Re				
Lack Cond			5	1	Repair Re			- · · · · · · · · · · · · · · · · · · ·	
	ng Condition):	OK2	1	Repair Re		, fi		
Surface Se	al Condition	1	QR	1	Repair Re	quired:			
Other.			ОK		Repair Re				
				Purge Info	omation				
Purging M	ethod:	Steinless Steel	Batter	Peristritic Pur		Grundfes Pul	mp	Teffon Bailer	
Place an X	in one box	Polyethylene 8	aller	Sladdar Pum		Other.			
	urged:~ 2 , 3			Flow Rate	(mt per m	inute ~ /2	20 ml/min		
		ing (TOR it)	18.53						-
Comments	3:								
	 	(- , -		Sampling	Informatio			COP-day	
Date 4/2		Time Sampi)		Field Pers	onnei:	R C Becken	
Measured	Water Leve		18.03	76 - 7 - 7		lander 6		Yallar Ballar	
Sampling I	Metrod	Stainless Steel		Penetaltic Fu		Grundfos Put	mp	Yuffon Bailer	
place an X		Polyethylene B		Bladde: Pum Olssolved	Redox	Other	Turbidity	Flow Rate	
Time Elapsed min	Temperature	μn	Conductivity	Oxygen	CHCDX	Level	- GOORY	Libra (core	
5	8.13	7.53	110	4.93	48	18-01	1.65	~120 ~1/ai	
	8.32	7.55	101/	4.70	68	18.01	2.34	100 -100	
10			1-17-	4.60	83	18.01	1.5	-	
15	6.92	7.56	1.17	4.32		18.02			-
720	6.83	7.56	1.18		89		1.35		
35	7.51		1.1	4,30		18.07			
30	7.19	7.58	1.17	4.50	95	18.02	0.78		
35	6:17	7.53	11.17	4.50	78	18,00	1.1		
40	7.5%	7.57	1.13	4.50	99	18.02	0.83		
45	7.14	7.59	1.18	4.50	101	18.03	1.0		
50		7.57	1.18	450	102	18.03	0.75		
- · · · · ·	7.4				X	+			
	7.31				1				
	7.31		200 200		81 5				
	7.31								
	7.3(
	7.3(
QA/QC Sa	amples Take	n							
QA/QC Sa Comment	amples Take		(Oz<180	majle		vs (rom =	G Ag	1	
Comment	amples Take	n		Signature		vs (rom =	C ng		
QA/QC Sa Comments Sampler (1	amples Take	n		Signature		vs Iran =	C M	12	
Comment	amples Take 8. Alkalio Print)	n		Signature):		ns Iron	C ng	Date. 4/3/13	

			OS MONITORING	M Enterprises, Inc. WELL SAMPLING FIELD BP, Sanborn, NY	FORM				
Monitoring Well I.D.: 8-2	\	Date: 4/9/	13	Time Started: 0950	Field Personnel:	RC Becken			
	rescont	cool							
Comments:									
				nitial Readings	· · · · · · · · · · · · · · · · · · ·				
Measured Well Bottom (TOR	-ft) 26.6	,		Riser Pipe Diameter (in)	2 in.				
Measured Water Level (TOR	-ft) 9.6	ł		Conversion Factor (gal/l		.08 2"=0.17 3"=0.38			
Calculated Water Column He		6		(Circle One) 4" = 0.66 6" = 1.50					
One Well Volume (gals.)	2.88			FiveWell Volumes (gals.) 3 14.4	6" = 1.50 6" = <u>2</u> .60			
Notes:			* .		,				
**************************************			Ì	Well Conditions		····			
Well Riser Type (Circle one):		Shainte	ess Steel	Carbon Steel	PVC				
Casing Condition:	ØK)	Repair Require							
Cap Condition:	ÓK	Repair Requir							
Paint Condition:	ОК	Repair Requir		.					
Lock Condition:	OK	Repair Require			.	 			
Inner Casing Condition:	QR)	Repair Require			· · · · · · · · · · · · · · · · · · ·	·			
Surface Seal Condition:	(OK)	Repair Requir				,			
Other:		T. Johan Lodon				<u></u>			
			Pi	urge Information					
Purging Method (Circle one):		Stainless	Steel Bailer	Peristaltic Pump	Sample Por	t (Pumping Wells Only)			
t diging weblod (office one).			n Bailer	Polyethylene Baile		t (Fullphing Wells Only)			
Wel	Gallons	Temperature		Turbidity	THE COURT OF THE C	Date Of the Control of			
Volume	THE COLUMN TWO		Conductivity	A VANCOURS OF THE PARTY OF THE	Comments				
- Columb	Purgeo	Marie Ci	(mS/cm)	(NTU/s)	Continue				
≈ 2.88	(gai) 3	(deg C) 32 · ≥	1.15	422	.,,				
A- 7.08	6	52.0	1.15	633					
	9	52.0	 	558					
			1.13						
-	12	52.1	43	1006+					
	<u> </u>	<u> </u>							
0	1)							
Comments: Amount purge	ed 15 gal								
- 11 / -			1	npling Information	· · · · · · · · · · · · · · · · · · ·				
Date: 4/9/13	Time Sampled	: 1030	Field Personn	el: R C Bec	ken				
Measured Water Level (TOR									
Sampling Method (Circle one)):		Steel Bailer	Peristaltic Pump		t (Pumping Wells Only)			
	-	Teflo	n Bailer	Polyethylene Balle	r Other:				
Sample	Temperature	pH	Specific	Turbidity					
LD		0. 35.54	Conductivity	ALL STREET	Comments				
	(deg C)	(8.0)	(mS/cm)	(NTU's)					
B-21	52.8	6.75	1.13	16					
									
		<u></u>							
QA/QC Samples Taken:									
Comments:									
			1	Signature					
				atura): (V. 0 0)	C Berly	1/5/12			
Sampler (Print):	Richard C. Be	cken	Sampler (signa	ature): \Lukullus \lukullu	Deck	Date: 4/9/13			

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

Monitoring	Well ID B	-22		Date 4/9	/13	Time Starte	d: ///0	Field Personnel RCB			
			1			Time Enda	d				
Weather Co	onditions	overcas	<u> </u>			Time Ende	88.				
O											
Comments				Initial Rea	dings		/				
Sanny and 1	Well Bottom	(TOP.4)	35,95	HATELET EAST	Will Par	Riser Pine	Diameter (in	12			
Medianiero I	TEN COLLOIN	1011-1	00.1.12_	25.3		- to		101			
Measured \	Nater Level	(TOR-ft)		连蒙		One Well V	(leg) amulo/	1.81			
Notes											
					B4.1						
			Take to the second	Well Cond	Carbon St		PVC	T			
Well Riser			Stainless S	Steel	Repair Re						
Casing Cor Cap Condil			OK)		Repair Re						
Paint Cond			ÜK		Repair Re			44			
Lock Cond			OK		Repair Re	quired					
Inner Casir	ng Condition		(OK)		Repair Re						
Surface Se	al Condition		OK)		Repair Required:						
Other			OK	1	Repair Re	drited.	,		- /S- !!		
		×		Pungo Info		Grandles Part	Arr	Teffon Batter			
Purging Mi		Stainless Stee!		Bradder Purn		Cahar	PH .	T well and the second			
	in one box	Palyolitylone S	Mide			nute ~/o	0 -1/-				
		ing (TOR ft.)	25.66			The Spinish of the second of the second					
Comments											
	- k-7	- 	7.7	Sampling	Informatio	n					
Date U		Time Sampl	ed 7	1/3	300	Field Perso	onnet:	R C Becken			
	Water Level	(TOR ft)	25.66			-		Teffon Gailer	- 7		
Sampling t		Stemlers Steel		Penstellic Pu	Carlotte Control of the Control of t	Grundins Put	np .	Tadion isaliai			
place an X		Polyethylene B		Bladder Pum Dissolved	Reduz	Other	Turbleity	Flow Rate			
Time	Temperature	pН	Cenductivity	Oxygen	407307	Lev6!	, 4.4.6.1				
Elepsed min	13.34	7018	1.21	1.4	-21	25.65	12,0	2/00 ml/m			
5_	The second liverage and the second		1.21	0.44	- 24	25.66	17.0				
10	13-17	7.21	1.21	0.56	-27	2566	17.7				
15	13.17	7.23		The second secon	- 28		14.7				
20	13.20	7.24	1.21	0.47	The second second second	25.66					
25	13.30	7.25	1,20	0.23	-31	25.66	12,1				
30	13.35	7.25	1.20	10-22	-32	25.66	11.6				
35	13:30	7.26	1.20	0.21	-32	25.66	10.1				
ÝG	13.28	7.25	1.20	O. 21	-32	25.66	9.3				
45	13.30	7.26	1.20	0.70	-35	25,66	9.0				
50	13.31	7,26	1.20	0.21	-34	25.66	8.8				
		7,27	1.20		-35	25,60	7.59				
35	13.37	(14-1	11.40	-	1						
					 	 					
			 	-	+						
L			ļ		 			1			
	<u></u>			1							
QAQC Sa	mpies Take	n t	-(1)	260	male 1	ornose 1	ron = 1.0	mall			
Comment	HKMIT	ity as C	acos .	Signature		201013					
		M5b	T Camples	signature)							
Sampler (Print)		-1-7					1/0/-			
Richard C			-1-7	a00	Berbe	b		Date. 4/9/13			

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

Field Personnel RCB Time Started. 1050 Date 4/8/13 Monitoring Well I D B-12 Weather Conditions Time Ended Comments initial Roadings Riser Pipe Diameter (in.) Z Measured Well Bottom (TOR-ft) 31.75 Measured Water Level (TOR-ft) 22.92 One Well Volume (gal.) 1,50 Notes Well Condition **IPVC** Klainless Steel Carbon Steel Well Riser Type Repair Required OK Casing Condition. Cap Condition OK Repair Required Repair Required. Paint Condition 過音 Lock Condition Repair Required Repair Required. Inner Casing Condition: OR Repair Required Surface Seal Condition Other OK Repair Required: Purge information Teffon Bailer Penstaltic Pump Grundfas Pump Purging Method: Stainless Steel Bailer Piace an X in one box Polyethylene Salier
Amount Puriged: ~/ 9 al Bladder Pump Other Flow Rate (mL per minute ~ /10 ~ Water Level after Purging (TOR ft) Comments. Sampling Information R C Becken Field Personnel: Time Sampled | 200 Date 4/5/13 Measured Water Level (TOR ft) 22.95 Teffon Bailer Per stellic Pump X Stundfos Pump Sampling Method Stamless Steel Buile: Potyethylene Butter Bindder Pump Other xcd nl X na sosiq Flow Rate Turbidity emparature ρН Conductivity Dia#olyed Radov Water Time Daygen Level Elepsed min 237 2295 8,50 110 m 1.68 1.86 5 11.16 7.26 - 229 22.95 22.95 7.94 <u>0.56</u> 10 11.49 7,26 /. 3 l 0.0 5.74 1.14 221 11.62 7.24 15 22.95 11.9 0.0 7.24 1.09 -195 20 11.81 14.1 22.95 -166 0.0 1.08 7.26 25 11.83 6.0 - 145 22.95 13.9 30 11.81 7.27 1.07 22.95 17.1 35 0.0 - 129 11.7 7.27 1.07 12.8 22.95 120 7.27 1.07 0.0 40 22,95 11,3 7.27 11.93 1.07 45 0.0 -120 QA/QC Samples Taken Ferrors Iron + 0.8 Comments Alkelinter as Caco, - 120 mg/L Signature Sampler (signature): Sampler (Print) Richard C. Becken

				MONITORING	WELL SAMPLING BP, Sanborn, NY	FIELD FO	RM			
Monitoring Well	I.D.: 4-	24	Date: 4 8	13	Time Started: 6	0C	Field Pe	ceounel.	RC Becken	
Weather Condit			sol Hot		Timo ountou.		_ [ricio re	I SUITING	NO BECKEN	
Comments:							*		_	
					nitial Readings					
Measured Well			b5		Riser Pipe Diame	ter (in)	2 in.			
Measured Wate			8		Conversion Facto	r (gal/linea	l ft)	1.25" = 0.06	8 2"=0.17	3" = 0.38
Calculated Water			97		(Circle One)			4" = 0.66	6" = 1.50	8° = 2.60
One Well Volum	e (gals.)	2.54			FiveWell Volumes	(gals.) /	2.7			
Notes:										
					Well Conditions					
Well Riser Type				ess Steel Carbon Steel				PVC		
Casing Condition	n:	j ōk	Repair Requir							
Cap Condition:		OK)	Repair Requir							
Paint Condition:		OK)	Repair Requir					.		
Lock Condition:	. 101 -	ØK)	Repair Requir			<u>-</u>		· 	_	
Inner Casing Co		OK)	Repair Require							
Surface Seal Co	nation:	(OK)	Repair Requir	ed:				•		
Other:	-									
Description & death and	(0)				ırge Informatio			·		
Purging Method	(Circle one):			Steel Bailer Peristaltic Pump				Sample Port (Pumping Wells C	nly)
	Well	Observation of	STREET, SQUARE, SQUARE	n Bailer	Polyethylene	e Bailer)	Other:			
1	Volume	Gallons	Temperature	The second section of the second second	Turbidity	110/22/115				ĝ.
	Volume	Purged		Conductivity				Comments		
Ē	2.54	(gat) ~ 215	(deg C)	(mS/cm)	39.8	ERRED				4
 -	2.31	25	48.0	1.00			 .			4
-		~1.5	48.4	1.00	57.0					
		~ 10	48.5	(.00	522	-				
1		70 10	1.70.7	1.00	3~2					-₫
		<u> </u>	<u> </u>		<u> </u>		*			
Comments: A	mount purge	d 13 gal	,		<u> </u>		_		-	
	inodite parget	10 900		Sam	pling Informati	on				
Date: 4/8/13	···	Time Sampled	1636	Field Personna						
Measured Water			. 10 70	Tried reisolina	#L	C Becken		_		
Sampling Method			— Stainless	Steel Bailer	Dorieteltie I					
	TOTAL OFFICE	-,		Steel Bailer Peristaltic Pump n Bailer Polyethylene Bailer			Other:	Sample Port (Pumping Wells O	nty)
Î	Sample	Temperature	pH	Specific	Turbidity	Dalla)	States.	WEST AND ADDRESS OF	The second	
Ľ.	I P		ZERZE	Conductivity	dibidity			Particular		
N.		(deg C)	(8.0)	(mS/cm)	(NTU's)		No.	Comments		M
ſ	B-24	49.5	6.75	1-16	26.9		1 11			7
						`				1
						- 				1
				<u> </u>	 					1
DA/QC Samples	Taken: M	5 +M5)	<u> </u>			*	· · · · · · · · · · · · · · · · · · ·	·	
Comments:					- \2 \2 \					
				j	Signature		<u> </u>			
						0,	0	<u> </u>	1 1	1.
Sampler (Print):		Richard C. Bed	:ken	Sampler (signa	ture):	<u> </u>	- Koci	le	Date:	113

O&M Enterprises, Inc.

					BP, Sanborn, NY					
Monitoring Well I	D: B-2	8	Date: 4/9/1	<u> </u>	Time Started: /	0.35	Field Person	nnel:	RC Becken	English Control
Veather Condition	ons:		· /. · ·							
Comments:					_		 			
<u>,,</u>				· · · · · · · · · · · · · · · · · · ·						
		200		lr	nitial Readings					
leasured Well E					Riser Pipe Diame		2 in.			
leasured Water		0	19		Conversion Facto	or (gal/lineal i	ft)	1.25" = 0.08	21 6.17	3" = 0.38
alculated Wate			77		(Circle One)		28	4" = 0.66	6" = 1.50	8" = 2.60
ne Well Volum	e (gals.)	1.26			FiveWell Volume	s (gals.) 6	28			-
lotes:					tall Candition					
		 			/ell Conditions				_u	
Vell Riser Type		50		SS Steel	Carbon	Steel		PVC		
Casing Condition	r.	QS	Repair Required:							
Cap Condition:		(OK)	Repair Require		-		···			
aint Condition:		OK	Repair Require							
Lock Condition:	adiki a m	OK OK	Repair Require							
nner Casing Co Surface Seal Co		(OB)	Repair Require					,		
Other:	nunuori.	1 (08)	[Repair Require	:u.						
Arier.				Pu	rge Informatio	on .				
urging Method	(Cirola ona):		Stainless	Steel Bailer	Peristaltic			Sample Port (P	umping Wells O	nlv)
uiging wearoo	Cilcae Orie).			n Bailer	Polyethyler		Other:			
- 1	Well	Gallons	Temperature	Specific	Turbidity		100000		Taraban Kakit	
ì	Volume	Purged		Conductivity			C	omments		
	VOICE	(98!)	(deg C)	(mS/cm)	(NTU's)			NEW PROPERTY.	All to the	1
	1,26	~1.25	54 8	1.09	1000+					1
	// A T	~2.5	53.9	1.11	901		***			1
		~3-75	53.0	1.10	431					
l l		~ 5.0	1	1						7
					. ,	•				
<u>-</u>					}					
Comments:	mount purge	ed 7 gal) 		<u> </u>					
		- 1 - 1		Sam	pling Informa	tion		<u></u>		
Date: 4/9/1	<u> </u>	Time Sampled	:1/05	Field Personne		₹ C Becken				
Aeasured Water										·
ampling Metho			Stainless	Steel Bailer	Peristaltic	Pump		Sample Port (P	umping Wells C	nly)
	· · · · · · · · · · · · · · · · · · ·			n Bailer	Polyethyler		Other:			
Ĩ	Sample'	Temperature	pH	Specific	Turbidity					4
	LD.			Conductivity			C	omments		
		(deg C)	(80)	(mS/cm)	(NTU's)	Sur The	A AMAGE			
	B-28	52.8	7125	1.12	259					1
										<u></u>
QA/QC Samples	Taken:									
Comments:										
				i i	Signature					
		LL FOR A		Ī	. 00	DCG	2.6.		Date: 4 9	1 7
Sampler (Print):		Richard C. Bed	cken	Sampler (signa	ature): Lele	<u> </u>	RUL		Date: 7 [] [

O&M Enterprises, Inc.

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

	11 300	WHITE SERVICE		1475 - 157		19/2-			DC 21	
	B-38	,	Date: 4/9/13	•	Time Started:	0850	Field Pers	onnel:	RC Becken	
Weather Conditions:	<u> </u>	venciot	Cirol	· · · · · · · · · · · · · · · · · · ·						
Comments:									 	
										
				lı	nitial Reading					
Measured Well Bottom	(TOR - ft)				Riser Pipe Diam	neter (in)	2 in.		-	
Measured Water Level	(TOR - ft)				Conversion Fac	tor (gal/lineal	lft)	1.25" = 0.08	= 0.17	3" = 0.38
Calculated Water Colu	mn Height	(m) 132	†7		(Circle One)		·	4" = 0.66	6" = 1.50	8" = 2.60
One Well Volume (gals	3.) 2	.,29			FiveWell Volum	es (gals.) 🖊	1.45			
Notes:										
				V	Vell Condition	15				
Well Riser Type (Circle	one):	· ·	Stainle	ss Steel	Carbor	n Steel		PVC		
Casing Condition:		(JR)	Repair Require	di						
Cap Condition:		GK.	Repair Require	ed:						
Paint Condition:		OK	Repair Require	rd:					·	
Lock Condition:		(QR)	Repair Require	ed:						·
Inner Casing Condition	1:	(gb)	Repair Require							
Surface Seal Condition		ОК	Repair Require						-	
Other:										·
			···	Pu	rge Informati	ion			_	
Purging Method (Circle	e one):		Stainless	Steel Bailer		ic Pump		Sample Port (Pumping Wells O	nly)
t digiting mission (or man				n Bailer	Polyethyle		Other:			
	Vell	Gallons	Temperature	Specific	Turbidity		SVIEW ST	The second	SEAT OF LEGISLATION OF LAND	
1014050	turne	Purged	Campa and	Conductivity	200			Comments		
] 10	Mirik		(deg C)	(mS/cm)	(NTU's)	Variation.				
2.7	20	(gat)	52.1		84.3	VA (-1-1-				7
				1.20	97.5					1
├		~4.6	51.4	1.17				•		-
<u></u>		~6.9		1	74.6					-
		29.2	51.3	1.15	154					-
				<u></u>	1					
					1					
Comments: Amour	nt purged	12 gol								
,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,				San	pling Inform	ation				
Date: 4/9//3	17	ime Sampled:	0935	Field Personne	el:	R C Becken				
Measured Water Leve	(TOR ft.)	28.11								
Sampling Method (Circ	cle one):		Stainless	Steel Bailer		tic Pump		Sample Port	(Pumping Wells O	nty)
		•	Teflo	n Bailer	Polyethyl	ene Bailer	Other:			
· Sa	mple	Temperature	pH	Specific	Turbidity		VIS VIE	E REMINISTER		1
	D		OS INVESTIGATION	Conductivity				Comments		
100		(deg C)	(5.0.)	(mS/cm)	(NTU's)	11500000				
B	38	51.0	6.95	1.10	39.3					
										_
	\neg			<u> </u>						1
QA/QC Samples Take	iu.			·		·				
Comments:	n	-								
Comments.				¥	Signature					
				1		Δ.			1//	
Sampler (Print):		Richard C. Bed	ken	Sampler (sign	ature): L	<u> </u>	- Bedy	<u></u>	Date: 4 9	3

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

BP, Sanborn, NY

Monitonng	Well D	5-39		Daie 🐠 L	12/13	Time Start	led: 1300	Field Personnel RCB			
Weather C	Conditions	sun cluis	& cold			Time Ende	ed. 400	1410			
Comments	vi										
			773 A C	Initial Rea	dings			•			
Measured	Weil Botton	(TOR-ft)	44.0			Riser Pipe	Diameter (in	.) 2			
	Water Leve	(TOR-ft)	12.21			One Well	Volume (gal.)	<u>, </u>			
Notes											
				Weil Conc							
Well Riser			Steinless 5	teel	Caroon SI		PVC				
Casing Co			OK		Repair Re						
Cap Condi			OK		Repair Re						
Paint Cond			OR .		Repair Re Repair Re						
			OK								
	ng Condition eal Condition		OK)		Repair Required:						
Other:	an Condition		OK .	-	Repair Re	guinad:					
Jule 1			- P-	Purge info	A STATE OF THE STA						
Purging Mi	othod:	Stainless Steel	Bailer	Peristaltic Pu		Grundfos Pu	THE .	Teflon Barier			
		Privethylene B		Bladder Pun		Othe:					
Amount Pa	irged: 2	SIEV		Flow Rate							
Water Lev	el after Puro	ing (TOR ft)	12.2								
Comments				1							
100		7 1		Sampling	Informatio)n	- A A A GOLD				
Date 4/2	113	Time Sampl	ed /Ya		<u> </u>	Field Pers	onnal.	R C Becken			
Measured	Water Leve	I (TOR ft)	2.2								
Sampling I		Stamless Steel		Pensione Pu	mp X	Grundlos Pe	mp	Teffon Bailer			
place an X		Polyethylene B	aile:	Bladder Pum	•	Other					
Time	Temperature	рΗ	Conductivity	Disynived	Redox	Water	Turblaity	Flow Rate			
Elapsed mm				Oxygen		Lavel		100			
5	7.97	7.50	0.747	5.80	-16	12.2	23.7	~130 m//m			
10	3.2	7.30	0.788	3.57	34	12.2	13.5				
15	7.90	7.11	2.900	0.39	46	12.2	12.7				
20	7.63	6.97	0.918	0.06	47	12.2	7.34				
25	7.43	6.95	0.903	0.0	46	12.2	6,8				
	8.3	6.95	0.902	0.0	52	12.2	5.65				
30			0.902		63	12.2	5.46	1			
35	8.35	6.75									
40	8.30	6.95	0.903		60	12.2	3.0				
45	8.37	6,95	0.963	0.0	72	12.2	4,1				
				 	 						
		 				 					
	-	 	 	 	 		-				
						 					
		<u> </u>	<u> </u>	<u> </u>	<u></u>	<u> </u>	1				
QA/QC Sa	mples Take	n.						11			
Comment	s Alkali	n. Lityas (ام ولكان م	30 mgl	- Farre	15 /rom	? (C) ng	12			
				Silliginia	<u> </u>						
Sampler (I	Print)		Sampler (signature):							
	40h W		100	al C	Roll.			Date. 4/2/13			
Richard C	Becken		1 1/10		المال المال			Leave III			

Monitoring	Well ID	5-40		Date 4/2	/13	Time Start	ed: 1/25	Field Personnel. RCB					
	eather Conditions Sun, clouds cold Time Ended, 1258												
Weather Co	onditions	sun, clu	als co	إدأ		Time Ende	ed. 1250						
Carrenanta													
Comments				Initial Rea	dinne				**************************************				
Mane track	Vell Buttom	(TOR-6) 5	7.9	HILLEN POR	MITTER STATE	Riser Pipe	Diameter (in	1 7					
Indeadled	4011 2010	(1011-1)											
Measured \	leasured Water Level (TOR-ft) 13 2 One Wel! Volume (gal.)												
Notes													
				***	LEAV								
n veni en			Steinless S	Well Cond	Carbon Sh	e e e	PVC	T					
Well Riser Casing Cor			DK)	SIRE!	Repair Re		. AC						
Can Condi			OK		Repair Re								
Paint Cond			DK)		Repair Re								
Lack Condi	tion		OK)		Repair Re								
Inner Casir	g Condition	`	ØK)		Repair Re				-				
	al Condition		OK)		Repair Re	guired:							
Other			OX	alle, represent Latting Franchisco, complete coll	Repair Re	quireo:							
Dannen Me	Albanial a	Stainlend Steel	Floring	Purgo Info		Grundfos Pu	War.	Teffon Barier					
Purging Me		Polyethytene Sa		Stadder Pump	the same of the last of the la	Other	- Collect	Transfer Constant					
	rged. ~		811-91-	Flow Rate	(ral, per mi	nute ~ /	35 ml/m	<u></u>					
Water Leve	al after Purg	ing (TOR ft)	13.2										
Comments				NAME OF THE OWNER, WHEN									
				Sampling	Informatio	ľi							
Date 4/2	113	Time Sample		5		Field Pers	onnet:	R C Becken					
		(TOR ft)		The same of the sa		ar ar annual de la company		Teffon Bailer					
Sampling N		Stamless Steel		Penalattic Pural Bladder Puma		Srundfos Pul Other	wh.	realon caller					
place an X	Temperature	Polyethylene Br	Conductivity	Dissolved	Redox	Vvate:	Turbidity	Flow Rate					
Elepsed min	· est d'an arra-a	part -	(202100000001t)	Охудел		Laves							
5	7.34	7.4	1.26	17.76	89	13.2	11.1	~135 m1/m					
	7.46	7.45	1.20	16.37	-79	13.2	2.3						
15	7.34	7.45	1.20	4.83	75	13.2	10.6						
73	7.20		1.20	4.64	80	13.2	5.1						
20		7.48		THE PERSON NAMED AND ADDRESS OF THE PERSON NAMED AND ADDRESS O	COLUMN TO SERVICE THE PARTY OF		7.5						
25	7.39	7,47	1.22	4.79	70	A STATE OF THE PARTY.							
35 35	7.82	7.47	1.22	4.67	660	13.2	5.0						
35	7.90	7.44	1.22	4.26	59	13.2	8.3						
45	7.90	7.31	1.46	2.87	25	13.2	16.5	ļ					
	8.07	7.00	2.0	0.24	-55	13.2	11.7						
\$50	7.81	6.75	2.01	0.0	-169	13.2	10.9						
	7.82	6.75	2.01	0.6	-179		9.8						
55 60 65	7.89	6:76	201	0.0	-178	13.2	10.2						
15	7.90	6.77	2.01	0.0	- 180	13.2	10.1						
F.)	7				1				***				
		<u> </u>		+		 							
DAIDE SA	mpjes Take	L	J		<u> </u>								
Comments	DIKAL.	it nel	060001	80 mal.	FREED	is from	0 mg/1						
	comments Alkalinity as Callos 180 mg/L Fores Iron = 0 mg/L Signature												
Sampler (F	Print)	13	Sampler (signature)									
Richard C			(Ka	DC	Beh	And the second		Date. 4/2/13					
THE REST OF	-CONGII						74						
a													

Monitoring	Weli i D.	進場でし	41	Date 4/5	413	Time Start	ed 1000	Field Personnel RCB	
Weather C	onditions	SUN . C	louds	ددالم		Time Ende	ed. 1120	ر ما مارستان الرابع المارستان المارس	
Comments									
Continuents).			Initial Rea	dinos		and the second second second		
iceruzaeM	Well Bottom	(TOR-ft)	72.6			Riser Pipe	Diameter (in		
Measured '	Water Leve	(TOR-ft)	15.85			One Well	Volume (gal.)	9.65	
Notes									
				-Well Cond	disime.				
Well Riser	Tuna		Stainless :		Carbon St	oci	PVC		
Casing Co		<u> </u>	OK.	318-61	Repair Re			<u> </u>	
Cap Condi			ON		Repair Re				
Paint Cond			OK	†	Repair Re			· · · · · · · · · · · · · · · · · · ·	
Lock Cond	The state of the s		OR OR OR		Repair Re	oured			
	ng Condition	9	(0K)		Repair Re	oured:			
	al Condition		OK		Repair Re				
Other	201 COTTONEGE		OK -		Repair Re	quired:			
- 31 No. 1				Purge info					
Purging Mi	ethod:	Stainless Sinel	Sailer	Porestallic Pu		Grundlae Pu	ME.	Tetion Batter	
Piace an Y	in one her	Pulyathylene B		Stadaer Pran		Other	No.		
Amount Di	irged: ~ 2	2 -4:-	41.01				30 ml/m		
Afotos Leve	of after Dum	ing (TOR ft.)		I TOW I VOICE	Trace best than	Trace -	30 121 / M		
Comments		mig (TON IC)	13116						-
Comments	Ja				Informatio	40			
20010 1/2	1:0	Time Come	- II. d		Intormatic	Field Pers	neent-	R C Becken	
Date 4/2	1/3	Time Samp	led ///5			Lieto Leta	Office).	V C Docker	
		(TOR ft) /				The second second		Teffen Bailer	
Sampling I		Stamless Steel		Per static Pu		Grundles Per	mp	1 duc'u maidi	
place an X	THE RESERVE ASSESSMENT	Polyethylene B	The Period of th	Bladds: Pum		Othes	Tuebleibe	Flow Rate	
Time	Temperature	pН	Conductivity	Dissolved	Redox	Water	Turbidity	FIOW Nati	•
Elepsed min				Oxygen	0.0	Love		15	
5	7.54	7.03	0.760	7.62	98	15.9	7.6	- 130 ml/min	
16	7.89	7.22	0.903	7.45	<u>Lill</u>	15.91	6.54		
15	7.94	7.23	0,900	6.19	118	15.92	6.05		
20	7.97	7.19	0.889	4.62	123	15.92	4.63		
25	7.88	7.18	0.881	8.37	128	15.92	6.0		
30	7.87	7.17	0.889	7.29	131	15,92	ط، ہ		
35	7.85	7.16	5.337	7.11	133	15.92	3.9		
45	7.31	7.16	0.335	47.10	134	15,92	4.9		
45	7.75	7.14	0.383	7.11	135	15.92	4.1		
50	7.90	7.14	0.882		136	15.92	4.7		
55	7.81	7.15	0.882	7.15	136	15,92			
					2				
			-						
QAQC Sa	mples Take	ก							
Comments	Alkalin	ity as Co	(Da=2	00 ma/L	Farra	us from s	0.4 mal	L	professional and an arrange Company
				Signature					
Sampler (i	Print)		Samular /	signature)					
				01	@ 1			11-112	
Richard C	Becken		1 40	سيلال	Hardy			Date. 4 2 13	- F
					·				

Monitoring	Well I D	B-42		Date 4/	4/13	Time Star	Ed. 1215	Field Personr	nel RCB
				mark spinorers from			17.1-		
Weather C	onditions	SUNNY	corl			Time Ende	ed. 1345	>	and the second s
		- (
Comments				initial Rea					
		1700 6	7	IUITIAI KOS	aings	Dinne Dine	Diameter (in	12	
Measured	Well Bottom	(TUR-m)	45.41			resel ripe	Cybinden (iii		
Moneyeard	Water Level	(TOR-M	10.3			One Well	Volume (gal.)	1	
Notes	AAGIDI CAGI	(101030)					AND THE PERSON NAMED IN		
				Well Cond					
Well Riser			Stainless S	ieel X	Carbon St	el .	PVC		
Casing Co			OK)		Repair Re	цигеа			
Cap Condi			OK OK		Repair Re	THIEG.			
Paint Cond Lock Cond		- 7	QK)		Repair Re				
	ng Condition	·	OR.		Repair Re				
	at Condition		OK)		Repair Re				
Olher			OK		Repair Re	quired:			
				Purge Info	ormation				
Purging Mi	athod:	Stainless Steel	Bailer	Periotaltic Pu	mp 💟 🔃	Grundfes Pu	mp	Tellon Bellar	
Piace an X	in one box	Polyelhylene B	alior	Bradder Perty		Other	-		
Amount Pu	irged -3	GaD .		Flow Rate	(ml. per mi	nute ~_/	30 rdm		
		ing (TOR ft)	10.31					N	
Comments	0				I-f				
- 1/2	1	Time Commit	ed /33		informatio	Field Pers	connel-	R C Becken	
Date 4/4	/13	Time Sampl (TOR ft) //		<u> </u>		LUGIO FEID	PORTEROS.	Le de Casacination	
Sampling I		Stemiess Steel		Perstally: Pu	aue X	Grundina Fu	mp	Yeflon Sailer	
place an X		Potyethylene B		Bladder Pum		Other			
Time	Temperature	рН	Conductivity	Discolved	ReJox	Water	Turbidity		Flow Rate
Elapses min				Oxygen		Lave			
5	10.06	7.28	0,765	0.0	-75	10.31	22.6	~130 ml	/ ni-
10	10.30	7.31	0.767	0.0	-88	10.31	19.0		
15	15.51	7.22	0.759	0.0	-96	10.31	12.4		
20	10.62	7.28	0.757	0.0	-98	10.31	9.53		
The second secon		1 20		1. 1. Co Co.		10.31	8-50		
25	10,78	1.52			-101		8.25	- 22	
30	11.2	7.24	0.753		-100	10.31		+	
35	11.3	7.760	0.753	0.0	-101	10.31	8.17		
40	11.32	7,27	0.753	0.0	-101	10.31	7.91		
45	11.5	7.26	0.754	0.0	-102	10.31	7.74		
50	11.6	7.28	0.754	0.0	-103	10.31	7.3		
<u> </u>	h h			Ĭ			1		
	-			-					
	 				1		1		
 					1		1		
					+		-	+	
	<u> </u>	البارسوسا					1		
		n Field	Dyg = 2	4		ous from	0	will	
Comment	Alkalie	7-4-00-7	# CQ5 + 1	Signature	<u></u>	UKS (FD)	X		
60 a m = 1 a m //	Christia	*	Camples	signatura)	3				
Sampler (-7411)		Samuel 1	Signature)	0			1	1
Richard C	Secken		1/KC	LUC-	Boile			Date. 4/4/	13
THE BILL C	, WEGNELL	- 1	4 1						Charles and the second

Monitoring	WellID	8-43		Date 4/c	1113	Time Star	ted: (052	Field Personnel: RCB	
	Conditions,	Sunny	مري ا				ed. 1215		
Comment									
				Initial Rea	dinos				
Measured	Well Botton	(TOR-ft)	38.9			Riser Pipe	Diameter (in) 2	
Measured	Water Leve	LITOR-M	13.41			One We't'	Volume (gal.)		
Notes	Water Leve					One we	TOOMS (No.		
- 1-11-1				Well Cond	dition				
Well Rise	r Type	Τ	Stainless :		Carbon St	eel	PVC		
Casing Co	ondition.		DK)	1	Repair Re				
Cap Cond			(OK)		Repair Re				
Paint Con			70K)		Repair Re				
Lock Cond	dition:		(OK)		Repair Re	quired			
	ing Condition		OK	- 5	Repair Re	quired.			
	eal Condition	1	(ORS)	1	Repair Re	quired:			
Other:			<u>OK</u>		Repair Re	quired:			
				Purge infe					
Purging M	lethod:	Stainless Steel	Bailer	Peristallic Pu	mp X	Grundfos Pul	mp	Teflon Bailer	
		Polyethylene B	afler	Blodder Pun	9	Other			
	urged: ~ / . 7			Flow Rate	(mL per mi	núte ~ 🚱o	ne/m_		
		ing (TOR ft)	13.92						
Comment	5.								
				Sampling	Informatio				
Date 4/4		Time Sampl		う		Field Pers	onnel:	R C Becken	
	Water Leve	(TOR fi)	13.92						
Sampling		Stainless Steel		Panataltic Pu	mp X	Grundfos Pur	np	Teflon Bailer	
place an X		Polyethylene B		Bladde: Pum		Other			
Time Elepsed min	Temperature	рH	Conductivity	Disagived Oxygen	Redox	VVater Lavel	Turbidity	Flow Rate	
5	10,79	7.82	1.45	8.41	-183	13.88	8-27	110 M/m	
10	10.49	7.77	144	5.0	-169	13.87	8.78	113-1/1	
		, 	1.44					-100 ml/min	
15	10.25	7.81		669	-155	13.91	803	2100 21/2	
20	10.03	7.73	1:44	6.33	-134	13.91	8.4	 	
25	9.89	7.80	1.43	6.14	1-118	13,91	9.66		
30	9,78	7.84	1.45	5.43	-98	13.91	10.3		
	9.74		† *	5.36	-96	13.91	9.17		
.35		7.00	1.46	0.53	- 103	13.91	7.07	 	
70	9.74		1.46		1			<u> </u>	
45	9.75	758	147	0.83	105	13.92	9.1		
50	9.77	7.55	16.45	0.84	-111	13.42	7.74		
	T -	12.0	9.		= =		-		
			†						
		 	 		_				
-	_		 	-	 				
					L		L		
	1			12.24					
	mples Take	n.							
Comment	B. AlKula	with an (a COzz	180 mg	14 tu	vous 110	~ = 0	سم ر د	
		1 =		Signature				7	
Sampler (Print)		Sampler (signature):	12				
			17,	010	C Be	0		- dula	
irichand C	Becken		1	Jan V	- 120cl			Date. 4/4//3	

								2.0			
Monitoring	Well I D.	3-44		Date 4/4	13	Time Start	ed. 0940	Field Personnel:	RCB		
Weather C	onditions.	5 nng	cool			Time Ende	d. 1055	•			
Comments	i.	<u>'</u>									
		Å		Initial Rea	dings						
Measured '	Well Bottom	(TOR-ft) 2	30.45			Riser Pipe	Diameter (in.	17			
	Water Level	(TOR-ft)	15.68			One We''	/olume (gal.)				
Notes	· · · · · · · · · · · · · · · · · · ·		75								
				Well Cond	fition		=				
Well Riser	Type		Stainless S		Carbon Ste	el	PVC				
Casing Co			200		Repair Rec	quired:					
Cap Condi	tion.		OK OK		Repair Re						
Paint Cond		10.97	lok)		Repair Re						
Lack Cond			<u>0</u> 8		Repair Re						
	ng Condition		ON ON	Repair Required. Repair Required:							
Other:	al Condition		OK	 							
PIDI.			T	Purge Info	Repair Recommend						
Purging Mi	ethod:	Stainless Steel	Bailer	Penstaltic Pu		Grundfes Pur	np	Tetton Bailer			
		Palyethy:ene 8		Bladder Pum		Other					
	urged: -/.;			Flow Rate	(mL per mi	nute ~90	n//m				
Water Lev	el after Purg	ing (TOR ft)	15.62	-	54)		A				
Comments):										
	4				Informatio			505-21			
Date 4/4		Time Sampl				Field Pers	onnet:	R C Becken			
	Water Leve		5.62	In 1997 #		Parada P		Yellon Bailer			
Sampling I		Stainless Steel		Per-stellic Pu		Grundfos Pur Other	np	Fellott Oaltos			
place an X		Polyethylene B	Conductivity	Bladder Pum Dissolved	Radox	Water	Turbidity	Fi	ow Rate		
Elepsed min	Temperature	חע	- Winnerskith	Oxygen	- TANA) evei	4101.5		···		
5	13.18	7.52	2.46	0.0	-302		38.3	-90 ml/min			
	 • = = = = = = = = = = = = = = = = = = 	1.56	2.47		-318	15.5	19.1				
10	13.06		2.49	8:0	-319	15.5	16.6	T	· · · · · · · · · · · · · · · · · · ·		
	13.19	7.53		 	f		15.7				
20	13.14	7.54	2.49	0.0	-320	15.5		↓			
25_	13.18	7.56	2.50	0.0	-322			1			
30		1-626				15.5	14.4				
	13.04	7.54	2.51	0.0	- 326	15.6	13.3				
35	13.04	7.54	2.51	0.0							
30 35	13.04	7.57	2.51	0.0	- 326 - 329	15.6	13.3				
35 ५०	13.04	7.54	2.51	0.0	- 326	15.6	13.3				
35 40	13.04	7.57	2.51	0.0	- 326 - 329	15.6	13.3				
35 40	13.04	7.57	2.51	0.0	- 326 - 329	15.6	13.3				
35 40	13.04	7.57	2.51	0.0	- 326 - 329	15.6	13.3				
35 40	13.04	7.57	2.51	0.0	- 326 - 329	15.6	13.3				
35 40	13.04	7.57	2.51	0.0	- 326 - 329	15.6	13.3				
35 40	13.04	7.57	2.51	0.0	- 326 - 329	15.6	13.3				
35	13.04	7.57	2.51	0.0	- 326 - 329	15.6	13.3				
OA/OC S	13.04 12.95 12.78	7.54 7.57 1.58	2.51 2.51 2.51	0.0	- 326 - 329 - 329	15.6 15.6 15.62	13.3 14.2 12.6				
OA/OC S	13.04 12.95 12.78	7.54 7.57 1.58	2.51 2.51 2.51	0.0 0.0 0.0	- 329 - 329 - 329	15.6	13.3 14.2 12.6	y/L			
OA/OC S	13.04 12.95 12.78	7.54 7.57 7.58	2.51 2.51 2.51	O. O O. O O. O	- 329 - 329 - 329	15.6 15.6 15.62	13.3 14.2 12.6	y/L			
OA/OC S	13.04 12.95 12.78 amples Take	7.54 7.57 1.58	2.51 2.51 2.51	0.0 0.0 0.0	- 329 - 329 - 329	15.6 15.6 15.62	13.3 14.2 12.6				
QA/QC Se Comment	13.04 12.95 12.78 12.78 amples Takes. AKali	7.54 7.57 1.58	2.51 2.51 2.51	O. O O. O O. O Signatures:	- 329 - 329 - 329	15.6 15.6 15.62	13.3 14.2 12.6	-1/L Date: 4/4/13			

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

BP, Sanborn, NY

MIDUIDUUD	Well I D	B-48_		Date 9/3	[13	Time Star	rted: ///5	Field Personnel. RCB				
Weather (Conditions	Sunny	1000			Timo End	led. /210					
Comment	5 .	l										
,		,		initial Rea	idings							
Measured	Well Botton	n (TOR-ft)	16.9			Riser Pipe	e Diameter (in	1) 2				
Measured	Water Leve	il (TOR-fi)	12.3			One We'l	Volume (gal.)	5.83				
Notes			1911									
				Well Cond	dition	· • · 						
Well Riser			Stainless :		Carbon S		PVC					
Casing Co			OR)		Repair Re							
Cap Cond		w	02		Repair Re							
Paint Cond			CK		Repair Required.							
Lock Conc			6X	 	Repair Required							
	ing Condition		OR		Repair Required							
	eal Condition	<u> </u>	OR)	Repair Required:								
Other:			[ок			ourea:	*					
		1		Purge Info		12						
Purging M		Stainless Stee		Pensisitic Pu		Grundfos Pi	hwb	Terion Bailer				
		Polyethylene 8	Bailer	Bladder Pum		Other //	77					
Amount Pi	urged: 1.5	ged	. 15 2	IFIOW Rate	(ur ber u	inute ~ / C	10 ml/m					
		ging (TOR ft	12.3									
Comments	3. 				1							
2-1-11	/	171	1-0 1-0 -	Sampling	intormati	on Island		D O D-Jun				
Date 4/g		Time Samp		<u>9</u>		Field Pen	sonnei:	R C Becken				
Measured	Water Leve	II (TOR ft)	12.3									
		7						T				
Sampling		Stainless Stee		Per staltic Pu		Grundles Pu	mp	Tefon Bailer				
Sampling place an X	(In box	Polyethylene E	Bailer	Bladds: Pum	p	Other						
Sampling place an X Time				Bladde: Pum Dissolved		Other Water	Turbidity	Teflon Bailer Flow Rate				
Sampling place an X Time Etepsed min	Temperature	Polyethylene E	Conductivity	Bladde: Pum Dissolved Oxygen	Redox	Other Water I avail	Turbidity	Flow Rate				
Sampling place an X Time Elepsed min	Temperature	Polyethylene E pH	Cunductivity 0-809	Bladde: Pum Dissolved Oxygen	Redox	Other Water I avul 12.3	Turbidity 8, 47					
Sampling place an X Time Etepsed min	Temperature	Polyethylene E	Conductivity 0.809 0.956	Bladde: Pum Dissolved Oxygen O.O	Redex	Other Water Lavel 12.3	Turbidity	Flow Rate				
Sampling place an X Time Etapsed mm	In box Temperature	Palyethylene E pH 7.11 7.13	Cunductivity 0-809	Bladde: Pum Dissolved Oxygen	Redox	Other Water I avul 12.3	Turbidity 8, 41 5.37	Flow Rate				
Sampling place an X Time Etapaed min 5	Temperature	Polyethylene E pH 7.11 7.13 7.13	Conductivity 0.809 0.950	Bladde: Pum Dissolved Oxygen O. O	3000x 111 112	Other Water 1 aval 1 2 - 3 12 - 3	7 urbidity	Flow Rate				
Sampling place an X Time Elapsed min 5 15 15 20	In box Temperature \$.65 \$.51 \$.12 \$.05	Polyethylene E pH 7.11 7.13 7.13 7.13	Conductivity 0.809 0.805 0.805	Bladde: Purn Dissolved Oxygen O. O O. O	36dox 111 112 112	Other Water Level 12.3 12.3 12.3 12.3	5.37 4.26 3.19	Flow Rate				
Sampling place an X Time Etepsed min 5 10 15 20 25	In box Temperature \$.65 \$.51 \$.12 \$.05 \$.53	Polyethylene E pH 7.11 7.13 7.13 7.13	0.809 0.809 0.805 0.805 0.805	Bladde: Purm Dissolved Oxygen O.O O.O O.O O.O		Other Water I avail 12.3 12.3 12.5 12.3	5.37 4.26 3.19 2.56	Flow Rate				
Sampling place an X Time Elapsed min 5 15 15 20	In box Temperature \$.65 \$.51 \$.12 \$.05	Polyethylene E pH 7.11 7.13 7.13 7.13	Conductivity 0.809 0.805 0.805	Bladde: Purn Dissolved Oxygen O. O O. O	36dox 111 112 112	Other Water Level 12.3 12.3 12.3 12.3	5.37 4.26 3.19	Flow Rate				
Sampling place an X Time Etepsed min 5 10 15 20 25	In box Temperature \$.65 \$.51 \$.12 \$.05 \$.53	Polyethylene E pH 7.11 7.13 7.13 7.13	0.809 0.809 0.805 0.805 0.805	Bladde: Purm Dissolved Oxygen O.O O.O O.O O.O		Other Water I avail 12.3 12.3 12.5 12.3	5.37 4.26 3.19 2.56	Flow Rate				
Sampling place an X Time Etepsed min 5 10 15 20 25	In box Temperature \$.65 \$.51 \$.12 \$.05 \$.53	Polyethylene E pH 7.11 7.13 7.13 7.13	0.809 0.809 0.805 0.805 0.805	Bladde: Purm Dissolved Oxygen O.O O.O O.O O.O		Other Water I avail 12.3 12.3 12.5 12.3	5.37 4.26 3.19 2.56	Flow Rate				
Sampling place an X Time Etepsed min 5 10 15 20 25	In box Temperature \$.65 \$.51 \$.12 \$.05 \$.53	Polyethylene E pH 7.11 7.13 7.13 7.13	0.809 0.809 0.805 0.805 0.805	Bladde: Purm Dissolved Oxygen O.O O.O O.O O.O		Other Water I avail 12.3 12.3 12.5 12.3	5.37 4.26 3.19 2.56	Flow Rate				
Sampling place an X Time Etepsed min 5 10 15 20 25	In box Temperature \$.65 \$.51 \$.12 \$.05 \$.53	Polyethylene E pH 7.11 7.13 7.13 7.13	0.809 0.809 0.805 0.805 0.805	Bladde: Purm Dissolved Oxygen O.O O.O O.O O.O		Other Water I avail 12.3 12.3 12.5 12.3	5.37 4.26 3.19 2.56	Flow Rate				
Sampling place an X Time Etepsed min 5 10 15 20 25	In box Temperature \$.65 \$.51 \$.12 \$.05 \$.53	Polyethylene E pH 7.11 7.13 7.13 7.13	0.809 0.809 0.805 0.805 0.805	Bladde: Purm Dissolved Oxygen O.O O.O O.O O.O		Other Water I avail 12.3 12.3 12.5 12.3	5.37 4.26 3.19 2.56	Flow Rate				
Sampling place an X Time Etepsed min 5 10 15 20 25	In box Temperature \$.65 \$.51 \$.12 \$.05 \$.53	Polyethylene E pH 7.11 7.13 7.13 7.13	0.809 0.809 0.805 0.805 0.805	Bladde: Purm Dissolved Oxygen O.O O.O O.O O.O		Other Water I avail 12.3 12.3 12.5 12.3	5.37 4.26 3.19 2.56	Flow Rate				
Sampling place an X Time Etepsed min 5 10 15 20 25	In box Temperature \$.65 \$.51 \$.12 \$.05 \$.53	Polyethylene E pH 7.11 7.13 7.13 7.13	0.809 0.809 0.805 0.805 0.805	Bladde: Purm Dissolved Oxygen O.O O.O O.O O.O		Other Water I avail 12.3 12.3 12.5 12.3	5.37 4.26 3.19 2.56	Flow Rate				
Sampling place an X Time Etepsed min 5 10 15 20 25	In box Temperature \$.65 \$.51 \$.12 \$.05 \$.53	Polyethylene E pH 7.11 7.13 7.13 7.13	0.809 0.809 0.805 0.805 0.805	Bladde: Purm Dissolved Oxygen O.O O.O O.O O.O		Other Water I avail 12.3 12.3 12.5 12.3	5.37 4.26 3.19 2.56	Flow Rate				
Sampling place an X Time Etepsed min 5 10 15 20 25	In box Temperature \$.65 \$.51 \$.12 \$.05 \$.53	Polyethylene E pH 7.11 7.13 7.13 7.13	0.809 0.809 0.805 0.805 0.805	Bladde: Purm Dissolved Oxygen O.O O.O O.O O.O		Other Water I avail 12.3 12.3 12.5 12.3	5.37 4.26 3.19 2.56	Flow Rate				
Sampling place an X Time Etepsed min 5 10 15 20 25	In box Temperature \$.65 \$.51 \$.12 \$.05 \$.53	Polyethylene E pH 7.11 7.13 7.13 7.13 7.13	0.809 0.809 0.805 0.805 0.805	Bladde: Purm Dissolved Oxygen O.O O.O O.O O.O		Other Water I avail 12.3 12.3 12.5 12.3	5.37 4.26 3.19 2.56	Flow Rate				
Sampling place an X Time Etapsed min 5 10 15 20 25 3 0	In box Temperature \$.65 \$.51 \$.12 \$.05 \$.58 \$.42	Polyethylene E pH 7 . 11 7 . 13 7 . 13 7 . 13 7 . 13	0.809 0.809 0.805 0.805 0.805	Bladde: Purm Dissolved Oxygen O.O O.O O.O O.O		Other Water I avail 12.3 12.3 12.5 12.3	5.37 4.26 3.19 2.56	Flow Rate				
Sampling place an X Time Elepsed min 5 10 15 20 25 3 0	In box Temperature \$.65 \$.51 \$.12 \$.05 \$.53 \$.42	Polyethylene E pH 7,11 7,13 7,13 7,13 7,13 7,13	Beiler Conductivity 0.809 0.805 0.805 0.805 0.805	Bladds Purn Dissolved Oxygen O.O O.O O.O O.O		Other Water lavel 12.3 12.3 12.3 12.3 12.3	7urbidity 8.41 5.37 4.26 3.19 2.56 1.22	Flow Rate				
Sampling place an X Time Elepsed min 5 10 15 20 25 3 0	In box Temperature \$.65 \$.51 \$.12 \$.05 \$.53 \$.42	Polyethylene E pH 7,11 7,13 7,13 7,13 7,13 7,13	0.809 0.809 0.805 0.805 0.805	Bladds Pum Dissolved Oxygen O.O O.O O.O O.O O.O O.O		Other Water lavel 12.3 12.3 12.3 12.3 12.3	7urbidity 8.41 5.37 4.26 3.19 2.56 1.22	Flow Rate				
Sampling place an X Time Etapsed min 5 10 15 20 25 3 0	In box Temperature 8.65 8.51 9.12 8.05 8.58 8.42 Alkaling	Polyethylene E pH 7,11 7,13 7,13 7,13 7,13 7,13	Beiler Conductivity 0.809 0.905 0.805 0.805 0.805 0.805 0.805 0.805 0.805 0.805 0.805 0.805 0.805 0.805 0.805 0.805 0.805 0.805 0.805 0.805 0.805 0.805 0.805 0.805 0.805 0.805 0.805 0.805 0.805 0.805 0.805 0.805 0.805 0.805 0.805 0.805 0.805 0.805 0.805 0.805 0.805 0.805 0.805 0.805 0.805 0.805 0.805 0.805 0.805 0.805 0.805 0.805 0.805 0.805 0.805 0.805 0.805 0.805 0.805 0.805 0.805 0.805 0.805 0.805 0.805 0.805 0.805 0.805 0.805 0.805 0.805 0.805 0.805 0.805 0.805 0.805 0.805 0.805 0.805 0.805 0.805 0.805 0.805 0.805 0.805 0.805 0.805 0.805 0.805 0.805 0.805 0.805 0.805 0.805 0.805 0.805 0.805 0.805 0.805 0.805 0.805 0.805 0.805 0.805 0.805 0.805 0.805 0.805 0.805 0.805 0.805 0.805 0.805 0.805 0.805 0.805 0.805 0.805 0.805 0.805 0.805 0.805 0.805 0.805 0.805 0.805 0.805 0.805 0.805 0.805 0.805 0.805 0.805 0.805 0.805 0.805 0.805 0.805 0.805 0.805 0.805 0.805 0.805 0.805 0.805 0.805 0.805 0.805 0.805 0.805 0.805 0.805 0.805 0.805 0.805 0.805 0.805 0.805 0.805 0.805 0.805 0.805 0.805 0.805 0.805 0.805 0.805 0.805 0.805 0.805 0.805 0.805 0.805 0.805 0.805 0.805 0.805 0.805 0.805 0.805 0.805 0.805 0.805 0.805 0.805 0.805 0.805 0.805 0.805 0.805 0.805 0.805 0.805 0.805 0.805 0.805 0.805 0.805 0.805 0.805 0.805 0.805 0.805 0.805 0.805 0.805 0.805 0.805 0.805 0.805 0.805 0.805 0.805 0.805 0.805 0.805 0.805 0.805 0.805 0.805 0.805 0.805 0.805 0.805 0.805 0.805 0.805 0.805 0.805 0.805 0.805 0.805 0.805 0.805 0.805 0.805 0.805 0.805 0.805 0.805 0.805 0.805 0.805 0.805 0.805 0.805 0.805 0.805 0.805 0.805 0.805 0.805 0.805	Bladds Pum Dissolved Oxygen O.O O.O O.O O.O O.O O.O O.O O.O O.O Signature		Other Water lavel 12.3 12.3 12.3 12.3 12.3	7urbidity 8.41 5.37 4.26 3.19 2.56 1.22	Flow Rate				
Sampling place an X Time Elepsed min 5 10 15 20 25 3 0	In box Temperature 8.65 8.51 9.12 8.05 8.58 8.42 Alkaling	Polyethylene E pH 7,11 7,13 7,13 7,13 7,13 7,13	Beiler Conductivity 0.809 0.905 0.805 0.805 0.805 0.805 0.805 0.805 0.805 0.805 0.805 0.805 0.805 0.805 0.805 0.805 0.805 0.805 0.805 0.805 0.805 0.805 0.805 0.805 0.805 0.805 0.805 0.805 0.805 0.805 0.805 0.805 0.805 0.805 0.805 0.805 0.805 0.805 0.805 0.805 0.805 0.805 0.805 0.805 0.805 0.805 0.805 0.805 0.805 0.805 0.805 0.805 0.805 0.805 0.805 0.805 0.805 0.805 0.805 0.805 0.805 0.805 0.805 0.805 0.805 0.805 0.805 0.805 0.805 0.805 0.805 0.805 0.805 0.805 0.805 0.805 0.805 0.805 0.805 0.805 0.805 0.805 0.805 0.805 0.805 0.805 0.805 0.805 0.805 0.805 0.805 0.805 0.805 0.805 0.805 0.805 0.805 0.805 0.805 0.805 0.805 0.805 0.805 0.805 0.805 0.805 0.805 0.805 0.805 0.805 0.805 0.805 0.805 0.805 0.805 0.805 0.805 0.805 0.805 0.805 0.805 0.805 0.805 0.805 0.805 0.805 0.805 0.805 0.805 0.805 0.805 0.805 0.805 0.805 0.805 0.805 0.805 0.805 0.805 0.805 0.805 0.805 0.805 0.805 0.805 0.805 0.805 0.805 0.805 0.805 0.805 0.805 0.805 0.805 0.805 0.805 0.805 0.805 0.805 0.805 0.805 0.805 0.805 0.805 0.805 0.805 0.805 0.805 0.805 0.805 0.805 0.805 0.805 0.805 0.805 0.805 0.805 0.805 0.805 0.805 0.805 0.805 0.805 0.805 0.805 0.805 0.805 0.805 0.805 0.805 0.805 0.805 0.805 0.805 0.805 0.805 0.805 0.805 0.805 0.805 0.805 0.805 0.805 0.805 0.805 0.805 0.805 0.805 0.805 0.805 0.805 0.805 0.805 0.805 0.805 0.805 0.805 0.805 0.805 0.805 0.805 0.805 0.805 0.805 0.805 0.805 0.805 0.805 0.805 0.805 0.805 0.805 0.805 0.805 0.805 0.805 0.805 0.805 0.805 0.805 0.805 0.805 0.805 0.805 0.805 0.805 0.805 0.805 0.805 0.805 0.805 0.805 0.805	Bladds Pum Dissolved Oxygen O.O O.O O.O O.O O.O O.O		Other Water lavel 12.3 12.3 12.3 12.3 12.3	7urbidity 8.41 5.37 4.26 3.19 2.56 1.22	Flow Rate				
Sampling place an X Time Etapsed min 5 10 15 20 25 3 0	In box Temperature \$.65 \$.51 \$.12 \$.05 \$.58 \$.42 amples Takes Alkaling	Polyethylene E pH 7,11 7,13 7,13 7,13 7,13 7,13	Beiler Conductivity 0.809 0.905 0.805 0.805 0.805 0.805 0.805 0.805 0.805 0.805 0.805 0.805 0.805 0.805 0.805 0.805 0.805 0.805 0.805 0.805 0.805 0.805 0.805 0.805 0.805 0.805 0.805 0.805 0.805 0.805 0.805 0.805 0.805 0.805 0.805 0.805 0.805 0.805 0.805 0.805 0.805 0.805 0.805 0.805 0.805 0.805 0.805 0.805 0.805 0.805 0.805 0.805 0.805 0.805 0.805 0.805 0.805 0.805 0.805 0.805 0.805 0.805 0.805 0.805 0.805 0.805 0.805 0.805 0.805 0.805 0.805 0.805 0.805 0.805 0.805 0.805 0.805 0.805 0.805 0.805 0.805 0.805 0.805 0.805 0.805 0.805 0.805 0.805 0.805 0.805 0.805 0.805 0.805 0.805 0.805 0.805 0.805 0.805 0.805 0.805 0.805 0.805 0.805 0.805 0.805 0.805 0.805 0.805 0.805 0.805 0.805 0.805 0.805 0.805 0.805 0.805 0.805 0.805 0.805 0.805 0.805 0.805 0.805 0.805 0.805 0.805 0.805 0.805 0.805 0.805 0.805 0.805 0.805 0.805 0.805 0.805 0.805 0.805 0.805 0.805 0.805 0.805 0.805 0.805 0.805 0.805 0.805 0.805 0.805 0.805 0.805 0.805 0.805 0.805 0.805 0.805 0.805 0.805 0.805 0.805 0.805 0.805 0.805 0.805 0.805 0.805 0.805 0.805 0.805 0.805 0.805 0.805 0.805 0.805 0.805 0.805 0.805 0.805 0.805 0.805 0.805 0.805 0.805 0.805 0.805 0.805 0.805 0.805 0.805 0.805 0.805 0.805 0.805 0.805 0.805 0.805 0.805 0.805 0.805 0.805 0.805 0.805 0.805 0.805 0.805 0.805 0.805 0.805 0.805 0.805 0.805 0.805 0.805 0.805 0.805 0.805 0.805 0.805 0.805 0.805 0.805 0.805 0.805 0.805 0.805 0.805 0.805 0.805 0.805 0.805 0.805 0.805 0.805 0.805 0.805 0.805 0.805 0.805 0.805 0.805 0.805 0.805 0.805 0.805 0.805 0.805 0.805 0.805 0.805 0.805 0.805 0.805 0.805	Bladds Pum Dissolved Oxygen O.O O.O O.O O.O O.O O.O O.O O.O O.O Signature		Other Water lavel 12.3 12.3 12.3 12.3 12.3	7urbidity 8.41 5.37 4.26 3.19 2.56 1.22	Flow Rate				

					7	T		Field Personnel. RCB
Monitoring	WellD	3-49		Date 4/3	(13	rime Starte	d:/2/0	THIO PEISONIBI, INCO
Weather C	ondibons (عاع فاعد	ساير			Time Ender	1330	
Comments			(
OO! WINDLING				Initial Rea	dinos	17.		
Measureri \	Well Bottom	(TOR-ft)	2.45			Riser Pipe	Diameter (in.) 7
					·			
Measured \	Water Level	(TOR-ft)	23.24			One Well V	olume (gal.)	
Notes:								
			/	Well Cond	Mion			
Well Riser	Tuna		Stainless S		Carbon Ste	el I	PVC	
Casing Co	ndition.		087		Repair Rec			
Casing Cor Cap Condi	tion.		OK		Repair Rec			
Paint Cond	lition:		QK		Repair Rec			
Lock Cond	ition:		OK OK		Repair Rec			
	ng Condition		OK.		Repair Red			
	al Condition	}	QK)		Repair Red			
Other:			OK	Purge Infe		quil eu.	***************************************	
Purging Mi	athod:	Striniess Steel	Ballec	Penstritic Pu		Grundfos Pun)C	Terion Bailer
		Polyethylene 8		Bladger Pun		Other	I	
	irged: ~2						5 ml/~~	
Water Lev	el after Pun	ing (TOR ft)	23.26					
Comments								
					informatio	n		
Date 4 3	13	Time Sampl		5		Field Perso	nnet:	R C Becken
		(TOR ft) 2						Tato Bailer
Sampling I		Stainless Steel		Penstaltic Pu		Grundfox Pun	Ψ	Teffon Beiler
place an X		Polyethylene B		Bludder Pum Dissolved	Redox	Other Water	Turbidity	Flow Rate
Time Storeed min	Temperature	pΗ	Conductivity	Ováčeu	- COOOX	Level	- sectionity	
Etapaed min	7.07	7	2.26	0.0	-277	23.26	4.55	~120 ~1/~
		7.00	2.48		-294	23.26	1.45	
10	7.10	7.01		0.6	- 305	23.24	2.5	
15	8.03	698	2.53	0.0				
20	8.06		2.66	0.0	313	23.26	1.99	<u> </u>
25	7.32	6.73	2.70	0.0	-315	23.26	2.1	
30	7.12	-	2.75	0.0	-316	23.26	2.49	
35	7.51	7.03	2.76	3.3	-316	23.26	2.2	
40	76	7.00	2.76	2.0	-313	23.26	2.18	
45	7.21	699	2.76	00	-319	23.26	1.9	
	7.20	7 6	2.76		-319	23.26	2.0	
50	1.50	1-1.01	4.10	1-2-2		+		
		ļ	ļ	·	-	 		
							=	
		<u> </u>		.		<u> </u>		
200						<u> </u>		
			114					
QA/QC Sa	mples Take	en.						
Comment	B. AIKELI.	سلم جج (يا ج د ککي	snall		5 rm 5	0 mg	14
			•	Signatur	0			
Sampler (Print)		Sampler (sìgnature):				
			(Z)	O.C.	2.1.			Date. 4/3/13
Richard C	Becken		(Kell		J. William			Date, 113112

					M Enterprises, Inc. WELL SAMPLING FIEL	D FORM	STORES AND		
			50000		BP, Sanborn, NY				
	· V = (O SAUGE	1		MANUTE IN COLUMN				
Monitoring Well I.E			Date: 4/8/	3	Time Started: 070	Field Pe	ersonnel:	RC Becken	
Weather Condition	18: 5 L	nny c	-00				<u> </u>	<u> </u>	
Comments:	·					· · · · · ·			
					nitial Baselines		 .		
Adapay and Mail Re	tom (TOD 6	t) - 35	30 / 1	············	nitial Readings				
Measured Well Bo Measured Water L			_		Riser Pipe Diameter (in				
Calculated Water					Conversion Factor (gal	/lineal ft)		8 (2" = 0.17	3° = 0.38
One Well Volume	(cate)	.9		·	(Circle One)	14.3	4" = 0.66	6" = 1.50	8" = 2.60
Notes:	(yais.)	• /			FiveWell Volumes (gals	11.3			
INOTES.					Vell Conditions				_
Well Riser Type (C	Piroto ono):		Otoinle	ess Steel					
	arcie one):	(ov)			Carbon Steel		PVC		
Casing Condition:		OK OK	Repair Require						
Cap Condition:			Repair Require						
Paint Condition:		OK OK	Repair Require						<u> </u>
Lock Condition:			Repair Require						
Inner Casing Cond		ÓK)	Repair Require						
Surface Seal Cond Other:	HUON:	ØK)	Repair Require	<u>ea:</u>					
Other.				D.	urge Information		· · · · · ·		
Di. Named (0	N()		0	~~~~					
Purging Method (C	arde one):			Steel Bailer Bailer	Peristaltic Pump			(Pumping Wells C)nly)
	Well	Gallons	Temperature		Polyethylene Baile	er Otner: ¿	purse pur		
100	Volume	HANNING CO.	remperature	Specific	Turbidity		The state of the s		
J	VIII.	Purged (e.s.)	Gov Ci	Conductivity (mS/cm)	(NTU's)		Comments		
	2.9	(gai) ·	6eg C) 50-5	1.64	412				-
		~6	56.4	1.03	71.6				- {
1 1		9	50.5	0.85	191				
		~12	50.	0.80	7.95		 	 	
1 1		~10	30,	17000	1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1		- 		
				<u> </u>					
Comments: Am	ount purged	14.5			<u> </u>		-	-	
Consideras: 743	iodini pargea	7 113	—· 	Sam	pling Information	······································			
Date: 4/8/13	- 1-	Time Sampled	1945	Field Personne			 .		
Measured Water L				Triela Fersonine	el: R C Bed	cken			
Sampling Method (Steel Bailer	Poriotoltia Duma		Samula Bad	Discouring Maleila C	
Company Metrica (Olloic Olicj.			n Bailer	Peristaltic Pump		Sample Port (Pumping Wells C	лиу)
	Sample	Temperature	pH	Specific	Turbidity	d Other.			
100	10.	remperature	TEXT DI	Conductivity	Turbuly		Comments		
		(deg C)	(SU)	(mS/cm)	(NTU's)		GORTOTARTIES	THE RESERVE	U.S.
	3-56	50.2	1.97	7.19	1/24		No. of Concession, Name of Street, or other Persons, Name of Street, or ot	7 (200)	-
	<u>, ,,, , , , , , , , , , , , , , , , , </u>	30. 2	W. 1	1111	1.41				-
	-· - <u>-</u> · · · ·		-	 	 		The No.		1
			<u> </u>	 	 				
QA/QC Samples Ta	aken:		<u> </u>		<u></u>				
Comments:			w. v						
1	·			.)	Signature		,		
						101		-,1	1
Sampler (Print):	F	Richard C. Bed	ken	Sampler (signa	ature): (Kichnel	(Bu)	2-	Date: 🔰 🤰	3/13

		3		M Enterprises WELL SAMPLH BP, Sanborn, N	NG FIELD FOR IY	RM			2
Monitoring Well I.D.: 6 -	57	Date: 1/8	13	Time Started:	0830	Field Perso	onnel:	RC Becken	
Weather Conditions: 5 U	hny co	2							
Comments:									
								<u> </u>	
				nitial Reading					
Measured Well Bottom (TOR			 	Riser Pipe Dia	meter (in)	2 in.	<u> </u>		
Measured Water Level (TOR		3		Conversion Fa	ctor (gal/lineal	ft)	1.25" = 0.08	2" = 0.17	3" = 0.38
Calculated Water Column He		37		(Circle One)			4" = 0.66	6" = 1.50	8" = 2.60
One Well Volume (gals.)	.3			FiveWell Volun	nes (gals.) Z	41.5			
Notes:				V-11 0 4141 -			<u> </u>		
W-11 Di # (O:()				Veil Conditio					
Well Riser Type (Circle one):	6.3		ss Steel	Carbo	n Steel		PVC	· · · · · · · · · · · · · · · · · · ·	
Casing Condition:	OK OK	Repair Require		-				•	
Cap Condition:	(OK)	Repair Require						-	
Paint Condition: Lock Condition:	OK	Repair Require							
	(OK)							<u>.</u>	
Inner Casing Condition: Surface Seal Condition:	OK)	Repair Require		 .					
Other:		Repair Require	<u></u>						
			Pii	rge Informat	ion				
Purging Method (Circle one):		Stainless :	Steel Bailer		tic Pump		Sample Port (Pu	mning Maile Or	ha
Targetty treated to the control			Bailer		ene Bailer	Other:	sample For (Fu	mping wells Or	(y)
Vell Volume	Gallons Purged (gal) ~4.3	(deg C) 12.57	Specific Conductivity (mS/cm) 2.44	(NTU's) (5.6 9.51	well d		Comments		
Comments: Amount purge				pling Informa	ation				
Date: 4/8/13	Time Sampled:	1090	Field Personne	<u> :</u>	R C Becken				
Measured Water Level (TOR t									
Sampling Method (Circle one)		Stainless S			ic Pump		Sample Port (Pui	mping Wells On	ly)
0			Bailer		ene Bailer	Other:			
Sample I.D.	Temperature	рH	Specific Conductivity	Turbidity		С	omments		
	(deg C)	(S.U.)	(mS/cm)	(NTU's)					
B-57	50.4	8,7.05	2.13	14.4					
QA/QC Samples Taken:									
Comments:									
				Signature					
Sampler (Print):	Richard C. Becl	ken	Sampler (signa	ture): Kl	QC Be	clan		Date: 4/8/1	3

Sampler (Print):

				O& MONITORING	M Enterprise WELL SAMPL BP, Sanborn,	ING FIELD F	ORM			
Monitoring We	III.D.: P.	2	Date: 4/4	/13	Time Started:	1400	Field Pa	ersonnel:	RC Becken	
Weather Cond		nny Co			11110 01011001		Trible 1	3.00/1101.	I/O DOCKEI)	
Comments:								·		
										
					nitial Readir	igs				
Measured We	Bottom (TOR	- ft)			Riser Pipe Dia	ameter (in)	රි ≩in.			
Measured Wa	ter Level (TOR	- ft)			Conversion Fa			1.25" = 0.08	2" = 0.17	3" = 0.38
Calculated Wa	iter Column Hei	ight (ft)			(Circle One)		•	4" = 0.66	6" = 1.50	8" = 2.60
One Well Volu	me (gats.)				FiveWell Volu	mes (gals.)				
Notes:									· · · · · · · · · · · · · · · · · ·	
				V	Vell Condition	ns				
Well Riser Typ	e (Circle one):		Stainle	ss Steel	Garb	on Steel		PVC		
Casing Condit	on:	OK)	Repair Require	<u>:d:</u>						
Cap Condition	:	ОК	Repair Require	ed:						
Paint Condition	1:	ОК	Repair Require	ed:					*	
Lock Condition	1:	6 K)	Repair Require	ed:						
Inner Casing C	ondition:	(QK)	Repair Require	ed:						
Surface Seal C	Condition:	OK	Repair Require	d:			-			
Other:										
				Pu	rge Informa	tion				
Purging Metho	d (Circle one):		Stainless	Steel Bailer	Perista	ltic Pump		Sample Port (Pu	mping Wells (Only)
			Teflor	Bailer	Polyethy	lene Bailer	Other:			
	Well Volume	Gallons Purged (gal)	Temperature (deg C)	Specific Conductivity (mS/cm)	Turbidity (NTU's)			Comments		
Comments:	Amount purge	d					······································			
- 111		1	1400	· ·	pling Inform					
	3	Time Sampled:		Field Personne	<u> :</u>	R C Becken	<u> </u>			
	er Level (TOR f									
Sampling Meth	od (Circle one):			Steel Bailer		ític Pump		Sample Port (Pu	mping Wells C	nly)
				Bailer	2.7	lene Beiler	Other:			
	Sample	Temperature	pН	Specific	Turbidity					i
	ID	(deg ∰)	Line Way	Conductivity	t traction			Comments		
	77.7		(S.U.)	(mS/cm)	(NTU's)					
	P-2	51.4	6.34	1:27	jo.9			 -		4
				_						_
		 			Y-=-					
21/22 2			· · <u>- · · · · · · · · · · · · · · · · ·</u>			<u> </u>				
QA/QC Sample	s laken:			<u> </u>						
Comments:					C!			·		
		· · · · · · · · · · · · · · · · · · ·			Signature		(3)			
Sampler (Print):		Richard C. Bec	ken	Sampler (signa	ture).	<u> </u>	Deel		Date: 4	1/13

X X				MONITORING	M Enterprises WELL SAMPLII BP, Sanborn, N	NG FIELD FOR	RM ;			
Monitoring Well I.	.D.: P-3		Date: 4 3	13	Time Started:	1345	Field Pe	ersonnel:	RC Becken	
Weather Condition	ons: C.	ordy col	d							
Comments:		(
				 				4.0	_	
				1	nitial Reading	gs				
Measured Well B	ottom (TOR	- ft)			Riser Pipe Dia	meter (in)	8⊉in.			
Measured Water					Conversion Fa	ctor (gal/lineal	ft)	1.25" = 0,08	2" = 0.17	3" = 0.38
Calculated Water		ight (ft)			(Circle One)			4" = 0.66	6" = 1.50	8 = 2.60
One Well Volume	gals.)				FiveWell Volun	nes (gals.)				
Notes:									-1	
					Vell Condition	·				
Well Riser Type (1		ss Steel	Carbo	n Steel		PVC		
Casing Condition	<u> </u>	10K)	Repair Require							
Cap Condition:		ОК	Repair Require							
Paint Condition:		OK OK	Repair Require							
Lock Condition:		600	Repair Require			<u> </u>				
Inner Casing Con		ØK)	Repair Require					·		
Surface Seal Con	idition:	(ok)	Repair Require	<u>:d:</u>						
Other:										
					irge Informat					
Purging Method (Circle one):			Steel Bailer		tic Pump		Sample Port (Pu	imping Wells (Only)
	144			Bailer		ene Bailer	Other:			
	Volume	Gallons Purged (gal)	Temperature (deg C)	Specific Conductivity (mS/cm)	Turbidity (NTU's)			Comments		
										
Comments: Ar	mount purge	d			-					
				Sam	pling Inform	ation				
Date: 4/3/13		Time Sampled:	1345	Field Personne		R C Becken		 ,	`	
Measured Water I			7					· · · · · · · · · · · · · · · · · · ·		_
Sampling Method	(Circle one)		Stainless S	Steel Bailer	Peristali	ic Pump		Sample Port (Pu	mning Wells C)niv)
				Bailer	Polyethyl		Other:	92	mping rione c	71n y 7
	Sample	Temperature	рН	Specific	Turbidity					
	I.D.		1000	Conductivity				Comments		
		(deg C)	(S.U.)	(mS/cm)	(NTU's)			501111101105		
	P-3	48.1	6.69	1.31	50.8					
								····		-1
										1
QA/QC Samples T	Гакеп:			<u> </u>						
Comments:					····					
					Signature	····				
0		B. 1.5.			0	0c 8			11	<u> </u>
Sampler (Print):		Richard C. Bec	ken	Sampler (signa	ture):	A (72 k	*	Date: 4/3/	<u> </u>

					WELL SAMPLI BP, Sanborn, I	ING FIELD F	ORM		
Monitoring Well	D. P-Y		Date: 4/3/	[3	Time Started:	1005	Field Pe	rsonnel:	RC Becken
Weather Conditi	ons: Sun	ny cool	· · · ·						
Comments:							-		
			·						
					nitial Readin	igs			
Measured Well E					Riser Pipe Dia	ameter (in)	8⊕in.		
Measured Water					Conversion Fa	actor (gal/line	al ft)	1.25" = 0.08	2" = 0.17 3" = 0.38
Calculated Wate		ight (ft)			(Circle One)			4" = 0.66	6" = 1.50 8" = 250
One Well Volume	e (gals.)				FiveWell Volu	mes (gals.)	-		
Notes:								<u>.</u>	
				V	Vell Condition				
Well Riser Type			Stainle	ss Steel	Carb	on Steel		PVC	
Casing Condition	<u>:</u>	(OK)	Repair Requin	ed:	**************************************	- 37-36 mm		<u> </u>	
Cap Condition:		OK	Repair Require						
Paint Condition:		OK	Repair Require						
Lock Condition:		(OK)	Repair Require						
Inner Casing Cor		(OK)	Repair Requin						
Surface Seal Cor	ndition:	(OK)	Repair Require	<u> </u>					·
Other:	·						· · · · · · · · · · · · · · · · · · ·	· · · · · · · · · · · · · · · · · · ·	
					ırge Informa				
Purging Method (Circle one):			Steel Bailer		Itic Pump		Sample Port (Pu	imping Wells Only)
		T. S.		Bailer		lene Bailer	Other:		
	Well Volume	Gallons Purged (gal)	Temperature (deg C)	Specific Conductivity (mS/cm)	Turbidity (NTU's)			Comments	
Comments: A	mount purge	d							
		1			pling Inform				·
Date: 4/3/13		Time Sampled:		Field Personne	H:	R C Becken	<u> </u>		
Measured Water									
Sampling Method	(Circle one)			Steel Bailer		tic Pump		Sample Port (Pu	mping Wells Only)
		T		Bailer	A STATE OF THE PERSON NAMED IN COLUMN	lene Bailer	Other:		
1	Sample	Temperature	рH	Specific	Turbidity				
	ID	41- 60		Conductivity				Comments	
F	P4	(deg C) 46.5	(S.U.)	(mS/cm)	(NTU's) 1.23				
	1, 1	46.5	6.51	0.98	1.27				
<u> </u>									
 							·		 -
04/00 5	Falsoni	<u> </u>			<u> </u>			 	
QA/QC Samples	ı aken:								
Comments:		<u> </u>	···		Signature		· · · · · · · · · · · · · · · · · · ·		
					Signature	^ -	_		1 1
Sampler (Print):		Richard C. Bec	ken	Sampler (signa	ture): Kul	<u> حالا (ح</u>	B.C.		Date: 4 3 13

				MONITORING	M Enterprises WELL SAMPLI	NG FIELD FO	RM			
.				,	BP, Sanborn, N	IY ·				
Monitoring Well	1.D.: PW-	1	Date: 4/4	13	Time Started:	1000	Field Pe	rsonnel:	RC Becken	
Weather Condit	ions: Jun	ny cool					<u>.</u> .			
Comments:		1	·							
<u> </u>										
					nitial Reading	gs				
Measured Well I				···	Riser Pipe Dia		2 in.			
Measured Wate					Conversion Fa	ctor (gal/linea	ıl ft)	1.25" = 0.08	2" = 0.17	3" = 0.38
Calculated Water		ght (ft)			(Circle One)			4" = 0.66	6" = 1.50	8" = 2.60
One Well Volum	e (gals.)				FiveWell Volum	nes (gals.)				
Notes:										
					Veli Conditio					
Well Riser Type		T	T	ss Steel	Carbo	n Steel		PVC		** ** ** * * * * * * * * * * * * * * * *
Casing Condition	n:	700	Repair Requin							
Cap Condition:		OK	Repair Require							
Paint Condition:		OK	Repair Require	-						
Lock Condition:		(OK)	Repair Require							V
Inner Casing Co		(OK)	Repair Require		·					
Surface Seal Co	ndition:	(OK)	Repair Require	ed:						
Other:				n.	una lufa mad					
	(Oissle)		01.1		irge Informat					
Purging Method	(Circle one):			Steel Bailer		tic Pump	Other	Sample Port (P	umping Wells	Only)
-	18600	College		Bailer		ene Bailer	Other:			
l f	Well	Gallons	Temperature	Specific	Turbidity					
1 8	Volume	Purged	(dea (1)	Conductivity (mS/cm)	ALTERNA .			Comments		ı
l 1		(gal)	(deg C)	(mo/cm)	(NTU's)				 .	-
									·	-
l										
l										-
									***	\dashv
		<u> </u>	<u>L</u>	L		<u> </u>				<u> </u>
Comments: A	Amount purge	 d	•							
	anisani pargo	-		Sam	pling Inform	ation			· · · · · · · · · · · · · · · · · · ·	
Date: 4/4/12	,	Time Sampled:	1000	Field Personne	<u> </u>	R C Becken				
Measured Water			1.00	I I I I I I I I I I I I I I I I I I I	AI.	I O DEGREII				
Sampling Methor			Stainless	Steel Bailer	Peristal	tic Pump		Sample Port (P	mning Welle	Only
Camping Mount		·		Bailer		ene Bailer	Other:	Countries	an ping viens v	Jilly)
T	Sample	Temperature	рН	Specific	Turbidity					
1 1	I.D.	Tomporatoro	P	Conductivity	Tuible			Comments		
	1.0.	(deg C)	(S.U.)	(mS/cm)	(NTU's)			Comments		
! I	PW-1	461	\$6.59	0.74	3.82		·			7
		56.1							**	—]
										7
									·····	-1
QA/QC Samples	Taken:	1.		<u> </u>				:		
Comments:										
			· ···· -		Signature	^				
					Ω_0	11.8			.,1	I
Sampler (Print):		Richard C. Bed	ken	Sampler (signa	eture)	イート	X_K		Date: 4/4	113

it at the				MONITORING	M Enterprises WELL SAMPLE	4G FIELD FO	ORM			ā va
					BP, Sanborn, N	Y				
Monitoring We	ell I.D.: アルー	3	Date: 4 52	13	Time Started:	1425	Field Pe	rsonnel:	RC Becken	-
	ditions: (بنیم						The same	101111111111111111111111111111111111111	***************************************	
Comments:		1								
								···-		
			· ·······	<u></u>	nitial Reading					
	Il Bottom (TOR -		 		Riser Pipe Dia		6-2 ⁴in.			
	ter Level (TOR -				Conversion Fa	ctor (gal/line	al ft)	1.25" = 0.08	2" = 0.17	3" = 0.38
	ater Column Hei	ght (ft)			(Circle One)			4" = 0,66	6" = 1.50	8" = 2.60
One Well Volu	ume (gals.)			· · · · · · · · · · · · · · · · · · ·	FiveWell Volum	nes (gals.)		<u> </u>		
Notes:				11	Vall Oa-diti-					
			,		Vell Conditio		-			
	oe (Circle one):			ss Steel	Carbo	n Steel		PVC	 , 	
Casing Condit		OK>	Repair Require							
Cap Condition	-	ОК	Repair Require							
Paint Conditio		OK	Repair Require			· · · · · · · · · · · · · · · · · · ·				
Lock Condition		OK)	Repair Require							
nner Casing ((OK)	Repair Require						_	
Surface Seal (Condition:	OK)	Repair Require	<u>d:</u>		· · · · · · · · · · · · · · · · · · ·				 -
Other:										
5111526		·····	.		urge Informat					
Purging Metho	od (Circle one):		Stainless S			tic Pump		Sample Port (Pu	imping Wells O	nly)
	rissannan turi			Bailer		ene Bailer	Other:			
	Well	Gallons	Temperature	Specific	Turbidity					
	Volume	Purged		Conductivity				Comments		
		(gel)	(deg C)	(mS/cm)	(NTUs)					
					-					
	ļ	-					· · · · · · · · · · · · · · · · · · ·			-
					-					4
										4
					<u> </u>	<u> </u>		, , , , , , , , , , , , , , , , , , , 		
					1		<u></u>			
Comments:	Amount purged	<u>d</u>								
		T		Sam	pling Inform	ation				<u> </u>
Date: 4/07		Time Sampled	1425	Field Personne	e <u>l:</u>	R C Becker	1			
	ter Level (TOR f		. <u> </u>							
Sampling Meth	nod (Circle one):		· · · · · · · · · · · · · · · · · · ·	iteel Bailer	Peristal	tic Pump		Sample Port (Pu	imping Wells O	nly)
	-		Teflon	Bailer	Polyethyl	ene Bailer	Other:			
	Sample	Temperature	pH	Specific	Turbidity					: 1
	LD			Conductivity		11. Ys		Comments		1
		(deg C)	(su)	(mS/cm)	(NTU's)					
	Pusis	45.5	6.22	1.50	472					
		<u> </u>								
QA/QC Sample	es Taken;									
Comments:										
				,	Signature			 		

Sampler (signature): Kill C Fed

Sampler (Print):

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

Monitoring Wel			Date: 4 2	13	Time Started:	415	Field Personnel:	RC Becken
Weather Condi	tions: 5 nc	~ cold	•					
Comments:								
						.,		
				l l	nitial Reading	js		
Measured Well	Bottom (TOR -	ft)	- 6		Riser Pipe Dian	neter (in)	62 in.	
Measured Wate	er Level (TOR -	ft)			Conversion Fac	ctor (gal/line	ai ft) 1.25" = 0.0	08 2" = 0.17 3" = 0. 38
Calculated Wat	er Column Hei	ght (ft)			(Circle One)		4" = 0.66	6" = 1.50 8" = 2.60
One Well Volur	ne (gals.)				FiveWell Volum	nes (gals.)		
Notes:								
				γ	Vell Condition	15		
Well Riser Type	(Circle one):		Stainle	ss Steel	Carbo	n Steel	PVC	
Casing Condition	on:	ОК	Repair Require	d:				
Cap Condition:		ОК	Repair Require					
Paint Condition		ОК	Repair Require					
Lock Condition:		OK	Repair Require					
Inner Casing Co		ОК	Repair Require					
Surface Seal C		OK	Repair Require					
Other:	ondicon,	- OIK	Tropan require	<u>v. </u>				
Outor.	· · · · · · · · · · · · · · · · · · ·			Pı	ırge İnformat	ion		
Purging Method	(Cirolo ono):		Ctainlass 6	Steel Bailer			Comple Cod	(December 144-Pro Only 3
a diging Metroc	(Circle Oile).			Bailer	Peristalt			(Pumping Wells Only)
	- 4x4-II	Cultura			Polyethyl	ene baner	Other:	Notice of the state of the stat
	Well	Gallons	Temperature	Specific	Turbidity	SEES AND		
	Volume	Purged		Conductivity			Comments	
1		(gal)	(deg C)	(mS/cm)	(NTUs)			
	· · · · · · · · · · · · · · · · · · ·							
						·····		
į								
					1			
Comments:	Amount purged	1						
	19			Sam	pling informa	ation		
Date: 4/2/	3	Time Sampled:	1415	Field Personne	el:	R C Becker)	
Measured Wate	r Level (TOR fi	1: 7.44						
Sampling Metho	d (Circle one):		. Stainless S	Steel Bailer	Peristalt	ic Pump _	Sample Port	(Pumping Wells Only)
				Bailer	Polyethyle		Other:	
	Sample	Temperature	pH	Specific	Turbidity			
	LD			Conductivity.			Comments	
		(deg C)	(su)	(m6/cm)	(NTU's)	2.	Lomments	
ľ	PW-4	48.0	6-21	0.59	44.6			
	100 - 7	-10.0	0.2	0.01	11,0			
0.1/0/10	T-1							
QA/QC Sample:	з такеп:	···········	·				<u></u>	
Comments:	·············				01:			
					Signature		<u> </u>	
Sampler (Print):		Richard C. Bec	ken	Sampler (signa	ture): Lul		Bech	Date: 4/2/13

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

Monitoring We	ell I.D.: Qam	, Pone	Date: 4/9/1	3	Time Started:	0830	Field Pen	sonnel:	RC Becken	
Weather Cond		1. 1 .	oof '							
Comments:										
				lr	itial Readin	gs				
Measured We	ell Bottom (TOR -	ft)	•		Riser Pipe Dia	meter (in)	2 in.			
Measured Wa	iter Level (TOR -	ft)			Conversion Fa	ctor (gal/lineal	ft)	1,25" = 0.08	2" = 0.17	3" = 0.38
Calculated Wa	ater Column Heig	ht (ft)			(Circle One)			4" = 0,66	6" = 1.50	8° = 2.60
One Well Volu	rme (gals.)				FiveWell Volu	nes (gals.)				
Notes:										
				V	/ell Conditio	กร				
Well Riser Typ	pe (Circle one):		Stainle	s Steel	Carbo	on Steel		PVC		
Casing Condit	tion:	OK	Repair Require	d:						
Cap Condition	r:	OK	Repair Require	d:					-	
Paint Conditio	n;	ОК	Repair Require	d:						
Lock Condition	n:	ОК	Repair Require	d:						
Inner Casing (Condition:	ок	Repair Require	d:						
Surface Seal (Condition:	ок	Repair Require	d:						
Other:							•			
				Pu	rge informa	tion				
Purging Metho	od (Circle one):		Stainless 5	Steel Bailer	Perista	ltic Pump		Sample Port (Pu	ımping Wells Oı	nly)
			Teflor	Bailer	Polyethy	lene Bailer	Other:			
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O&M Enterprises, Inc. MONITORING WELL SAMPLING FIELD FORM 8P, Sanborn, NY

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Sampling Meth			Stainless	Steel Bailer	Peristall	tic Pump		Sample Port (PL	Limping Wells Or	nty)
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de Mino					BP, Sanborn,					
Monitoring Well I.I.			Date: 4/3/	13	Time Started:	1400	Field Pers	onnel:	RC Becken	
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Measured Water L					Conversion Fa	actor (gal/line	al ft)	1.25" = 0.08	2" = 0.17	3" = 0.38
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One Well Volume	(gals.)				FiveWell Volu	mes (gals.)	*		<u> </u>	
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Cap Condition:		OK	Repair Require					·		
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APPENDIX B

LABORATORY DATA REPORTS



2425 New Holland Pike, Lancaster, PA 17601 • 717-656-2300 • Fax: 717-656-2681 • www.LancasterLabs.com

ANALYTICAL RESULTS

Prepared by:

Prepared for:

Eurofins Lancaster Laboratories 2425 New Holland Pike Lancaster, PA 17601 Atlantic Richfield(Parsons-NY) BP Corporation 501 WestLake Park Blvd Houston TX 77079

April 15, 2013

Project: BP Sanborn

Submittal Date: 04/03/2013 Group Number: 1379900 PO Number: D00B4-0004 Release Number: BARBER State of Sample Origin: NY

Client Sample Description	<u>Lancaster Labs (LLI) #</u>
B-39 Water	7007573
B-40 Water	7007574
B-41 Water	7007575
B-10 Water	7007576
PW-4 Water	7007577
PW-3 Water	7007578

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

ELECTRONIC Parsons Attn: George Hermance COPY TO

ELECTRONIC Parsons Attn: Lorraine Weber

COPY TO



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Respectfully Submitted,

Kaitlin N. Plasterer Specialist

Maither M. Pasterer

(717) 556-7323





Project Name: BP Sanborn LLI Group #: 1379900

General Comments:

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

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

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

Project specific QC samples are not included in this data set

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

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

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

Trip blank vials were not received by the laboratory for this sample group.

Analysis Specific Comments:

SW-846 8260B, GC/MS Volatiles

Batch #: L130981AA (Sample number(s): 7007573-7007578 UNSPK: P8428)

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

RSKSOP-175 modified, GC Miscellaneous

Batch #: 131000026A (Sample number(s): 7007573-7007576 UNSPK: P8428)

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

The relative percent difference(s) for the following analyte(s) in the MS/MSD were outside acceptance windows: Ethene

SW-846 6010B, Metals

Batch #: 130941848003 (Sample number(s): 7007573-7007576 UNSPK: P1875 BKG: P1875)

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

EPA 300.0, Wet Chemistry

<u>Sample #s: 7007576</u>

Reporting limits were raised due to interference from the sample matrix.

4/15/2013 6:13:17PM



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Sample Description: B-39 Water

BP Sanborn COC: R211765 2040 Cory Dr - Sanborn, NY LLI Sample # WW 7007573 LLI Group # 1379900 Account # 12495

Project Name: BP Sanborn

Submitted: 04/03/2013 09:15

Reported: 04/15/2013 18:10

Collected: 04/02/2013 14:00 by RCB Atlantic Richfield(Parsons-NY)

BP Corporation

501 WestLake Park Blvd

Houston TX 77079

CSB39

CAT No.	Analysis Name		CAS Number	As Received Result	As Received Method Detection Limit*	As Received Limit of Quantitation	Dilution Factor
GC/MS	Volatiles	SW-846	8260B	ug/l	ug/l	ug/l	
10335	Benzyl Chloride		100-44-7	N.D.	1.0	5.0	1
10335	Bromobenzene		108-86-1	N.D.	1.0	5.0	1
10335	Bromodichlorometha	ne	75-27-4	N.D.	1.0	5.0	1
10335	Bromoform		75-25-2	N.D.	1.0	5.0	1
10335	Bromomethane		74-83-9	N.D.	1.0	5.0	1
10335	Carbon Tetrachlori	40	56-23-5	N.D.	1.0	5.0	1
10335	Chlorobenzene	ie .	108-90-7	N.D.	0.80	5.0	1
10335	Chloroethane		75-00-3	N.D.	1.0	5.0	1
		7 74 4					
10335	2-Chloroethyl Viny		110-75-8	N.D.	2.0	10	1
	2-Chloroethyl viny preserve this samp		y not be recovered	d if acid was us	ed to		
10335	Chloroform		67-66-3	N.D.	0.80	5.0	1
10335	Chloromethane		74-87-3	N.D.	1.0	5.0	1
10335	Dibromochlorometha	ne	124-48-1	N.D.	1.0	5.0	1
10335	Dibromomethane		74-95-3	N.D.	1.0	5.0	1
10335	1,2-Dichlorobenzen	<u>م</u>	95-50-1	N.D.	1.0	5.0	1
10335	1,3-Dichlorobenzen		541-73-1	N.D.	1.0	5.0	1
10335	1,4-Dichlorobenzen		106-46-7	N.D.	1.0	5.0	1
10335	Dichlorodifluorome		75-71-8	N.D.	2.0	5.0	1
10335	1,1-Dichloroethane	LIIaiie	75-34-3	N.D.	1.0	5.0	1
10335	•		107-06-2	N.D.	1.0	5.0	1
	1,2-Dichloroethane						
10335	1,1-Dichloroethene	1	75-35-4	N.D.	0.80	5.0	1
10335	cis-1,2-Dichloroet		156-59-2	1.8 J	0.80	5.0	1
10335	trans-1,2-Dichloro		156-60-5	N.D.	0.80	5.0	1
10335	1,2-Dichloropropan		78-87-5	N.D.	1.0	5.0	1
10335	cis-1,3-Dichloropro		10061-01-5	N.D.	1.0	5.0	1
10335	trans-1,3-Dichloro	propene	10061-02-6	N.D.	1.0	5.0	1
10335	Methylene Chloride		75-09-2	N.D.	2.0	5.0	1
10335	1,1,1,2-Tetrachlor		630-20-6	N.D.	1.0	5.0	1
10335	1,1,2,2-Tetrachlor	oethane	79-34-5	N.D.	1.0	5.0	1
10335	Tetrachloroethene		127-18-4	N.D.	0.80	5.0	1
10335	1,1,1-Trichloroeth	ane	71-55-6	N.D.	0.80	5.0	1
10335	1,1,2-Trichloroeth	ane	79-00-5	N.D.	0.80	5.0	1
10335	Trichloroethene		79-01-6	8.0	1.0	5.0	1
10335	Trichlorofluoromet	hane	75-69-4	N.D.	2.0	5.0	1
10335	1,2,3-Trichloropro	oane	96-18-4	N.D.	1.0	5.0	1
10335	Vinyl Chloride	-	75-01-4	N.D.	1.0	5.0	1
GC Mis	scellaneous	RSKSOP	-175 modified	ug/l	ug/l	ug/l	
07105	Ethane		74-84-0	N.D.	1.0	5.0	1
07105	Ethene		74-84-0	N.D.	1.0	5.0	1
07105	Methane		74-85-1	N.D.	3.0	5.0	1
07105	Mechane		74-82-8	N.D.	3.0	5.0	1
Metal	S	SW-846		mg/l	mg/l	mg/l	
01754	Iron		7439-89-6	0.0659 J	0.0333	0.200	1
07058	Manganese		7439-96-5	0.0063	0.00083	0.0050	1
Wet Cl	hemistry	EPA 300	0.0	mg/l	mg/l	mg/l	
00224	Chloride		16887-00-6	69.3	4.0	8.0	20

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



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Sample Description: B-39 Water

BP Sanborn COC: R211765 2040 Cory Dr - Sanborn, NY LLI Sample # WW 7007573 LLI Group # 1379900 Account # 12495

Project Name: BP Sanborn

Submitted: 04/03/2013 09:15

Reported: 04/15/2013 18:10

07547 Dissolved Organic Carbon

04001 Chemical Oxygen Demand

Collected: 04/02/2013 14:00 by RCB Atlantic Richfield(Parsons-NY)

BP Corporation

501 WestLake Park Blvd

Houston TX 77079

CSB39

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit*	As Received Limit of Quantitation	Dilution Factor
Wet Cl	nemistry EPA 300.	0	mg/l	mg/l	mg/l	
00368	Nitrate Nitrogen	14797-55-8	4.3	0.25	0.50	5
01506	Nitrite Nitrogen	14797-65-0	N.D.	0.40	0.50	5
00228	Sulfate	14808-79-8	96.0	6.0	20.0	20
	EPA 415.	1 modified	mg/l	mg/l	mg/l	
07547	Dissolved Organic Carbon	n.a.	2.2	0.50	1.0	1
	EPA 410.	4	mg/l	mg/l	mg/l	
04001	Chemical Oxygen Demand	n.a.	N.D.	12.8	50.0	1
	SM 5210	B-2001	mg/l	mg/l	mg/l	
00235	Biochemical Oxygen Demand	n.a.	N.D.	3.2	3.2	1

General Sample Comments

Laboratory Sample Analysis Record

State of New York Certification No. 10670 Trip blank vials were not received by the laboratory for this sample group.

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

Method

EPA 415.1 modified

EPA 410.4

CAT Trial# Batch# Analysis Dilution Analysis Name Analyst Nο. Date and Time Factor 10335 VOCs 8260 Parsons Specs SW-846 8260B L130981AA 04/08/2013 12:13 Angela D List Sneeringer 01163 GC/MS VOA Water Prep SW-846 5030B L130981AA 04/08/2013 12:13 1 Angela D Sneeringer 07105 Volatile Headspace RSKSOP-175 1 131000026A 04/11/2013 13:47 Elizabeth J Marin Hydrocarbon modified SW-846 6010B 01754 1 130941848003 04/06/2013 00.28 John W Yanzuk II 1 Iron John W Yanzuk II SW-846 6010B 07058 Manganese 1 130941848003 04/06/2013 00.28 1 01848 WW SW846 ICP Digest (tot SW-846 3005A 1 130941848003 04/05/2013 10:33 James L Mertz 1 rec) 00224 Chloride EPA 300.0 13093655902A 04/04/2013 19:29 Christopher D Meeks 00368 Nitrate Nitrogen EPA 300.0 13093655902A 04/04/2013 06:27 Christopher D 5 Meeks 01506 Nitrite Nitrogen EPA 300.0 13093655902A 04/04/2013 06:27 Christopher D Meeks 00228 Sulfate EPA 300.0 13093655902A 04/04/2013 19:29 Christopher D 2.0 Meeks

13094049501A

13105400101A

04/04/2013 05:21

04/15/2013 08:10

James S Mathiot

Susan A Engle

1

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



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Sample Description: B-39 Water

BP Sanborn COC: R211765 2040 Cory Dr - Sanborn, NY LLI Sample # WW 7007573 LLI Group # 1379900 Account # 12495

Project Name: BP Sanborn

Submitted: 04/03/2013 09:15

Reported: 04/15/2013 18:10

Collected: 04/02/2013 14:00 by RCB Atlantic Richfield(Parsons-NY)

BP Corporation

501 WestLake Park Blvd

Houston TX 77079

CSB39

Laboratory Sample Analysis Record

CAT	Analysis Name	Method	Trial#	Batch#	Analysis	Analyst	Dilution
No.					Date and Time		Factor
00235	Biochemical Oxygen Demand	SM 5210 B-2001	1	13093023502A	04/03/2013 14:29	Susan E Hibner	1



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Sample Description: B-40 Water

BP Sanborn COC: R211765 2040 Cory Dr - Sanborn, NY LLI Sample # WW 7007574 LLI Group # 1379900 Account # 12495

Project Name: BP Sanborn

Submitted: 04/03/2013 09:15

Reported: 04/15/2013 18:10

Collected: 04/02/2013 12:45 by RCB Atlantic Richfield(Parsons-NY)

BP Corporation

501 WestLake Park Blvd

Houston TX 77079

CSB40

CAT No.	Analysis Name	CA	S Number	As Received Result	As Received Method Detection Limit*	As Received Limit of Quantitation	Dilution Factor
GC/MS	Volatiles SW	-846 8260B		ug/l	ug/l	ug/l	
10335	Benzyl Chloride	10	0-44-7	N.D.	1.0	5.0	1
10335	Bromobenzene	10	8-86-1	N.D.	1.0	5.0	1
10335	Bromodichloromethane	75	-27-4	N.D.	1.0	5.0	1
10335	Bromoform	75	-25-2	N.D.	1.0	5.0	1
10335	Bromomethane		-83-9	N.D.	1.0	5.0	1
10335	Carbon Tetrachloride	56	-23-5	N.D.	1.0	5.0	1
10335	Chlorobenzene		8-90-7	N.D.	0.80	5.0	1
10335	Chloroethane		-00-3	N.D.	1.0	5.0	1
10335	2-Chloroethyl Vinyl Eth		0-75-8	N.D.	2.0	10	1
	2-Chloroethyl vinyl eth						_
	preserve this sample.	ici may noe be	z recoverea	il acia was a	364 66		
10335	Chloroform	67	-66-3	N.D.	0.80	5.0	1
10335	Chloromethane		-87-3	N.D.	1.0	5.0	1
10335	Dibromochloromethane		4-48-1	N.D.	1.0	5.0	1
10335	Dibromomethane		-95-3	N.D.	1.0	5.0	1
10335	1,2-Dichlorobenzene		-50-1	N.D.	1.0	5.0	1
10335	1,3-Dichlorobenzene		1-73-1	N.D.	1.0	5.0	1
10335	1,4-Dichlorobenzene		6-46-7	N.D.	1.0	5.0	1
10335	Dichlorodifluoromethane		-71-8	N.D.	2.0	5.0	1
10335	1,1-Dichloroethane		-34-3	N.D.	1.0	5.0	1
10335	1,2-Dichloroethane		7-06-2	N.D.	1.0	5.0	1
10335	1,1-Dichloroethene		-35-4	N.D.	0.80	5.0	1
10335	cis-1,2-Dichloroethene		-35-4 6-59-2	N.D. 2.6 J	0.80	5.0	1
10335	trans-1,2-Dichloroether		6-60-5	N.D.	0.80	5.0	1
10335	1,2-Dichloropropane		-87-5	N.D.	1.0	5.0	1
10335	cis-1,3-Dichloropropene		061-01-5	N.D.	1.0	5.0	1
10335	trans-1,3-Dichloroprope		061-01-5	N.D.	1.0	5.0	1
10335	Methylene Chloride		-09-2	N.D.	2.0	5.0	
10335	1,1,1,2-Tetrachloroetha		0-20-6	N.D.	1.0	5.0	1 1
10335	1,1,2,2-Tetrachloroetha		-34-5	N.D.	1.0	5.0	1
10335	Tetrachloroethene		7-18-4	N.D.	0.80	5.0	1
10335	1,1,1-Trichloroethane		-55-6	N.D.	0.80	5.0	1
10335	1,1,2-Trichloroethane		-00-5	N.D.	0.80	5.0	1
10335	Trichloroethene		-01-6	1.6 J	1.0	5.0	1
10335	Trichlorofluoromethane		-69-4	N.D.	2.0	5.0	1
10335	1,2,3-Trichloropropane		-18-4	N.D.	1.0	5.0	1
10335	Vinyl Chloride	75	-01-4	N.D.	1.0	5.0	1
C Mis	scellaneous RS	KSOP-175 m	odified	ug/l	ug/l	ug/l	
07105	Ethane	74	-84-0	N.D.	1.0	5.0	1
07105	Ethene		-85-1	N.D.	1.0	5.0	1
07105	Methane		-82-8	N.D.	3.0	5.0	1
[etals	g QW	-846 6010B		mg/l	mg/l	mg/l	
01754			39-89-6	_	0.0333	_	1
01/54	Iron Manganese		39-89-6 39-96-5	0.461 0.0571	0.0333	0.200 0.0050	1 1
5,050	9411050	7 %	J. 70 J	0.03/1	3.00003	0.0050	-
		A 300.0		mg/l	mg/l	mg/l	
00224	Chloride	16	887-00-6	29.4	2.0	4.0	10

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



Account

Meeks

James S Mathiot

Susan A Engle

1

04/04/2013 05:36

04/15/2013 08:10

2425 New Holland Pike, Lancaster, PA 17601 • 717-656-2300 • Fax: 717-656-2681 • www.LancasterLabs.com

Sample Description: B-40 Water

BP Sanborn COC: R211765 2040 Cory Dr - Sanborn, NY LLI Sample # WW 7007574 LLI Group # 1379900

12495

Project Name: BP Sanborn

Submitted: 04/03/2013 09:15

Reported: 04/15/2013 18:10

07547 Dissolved Organic Carbon

04001 Chemical Oxygen Demand

Collected: 04/02/2013 12:45 by RCB Atlantic Richfield(Parsons-NY)

BP Corporation

501 WestLake Park Blvd

Houston TX 77079

CSB40

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit*	As Received Limit of Quantitation	Dilution Factor
Wet Cl	hemistry EPA 300.0		mg/l	mg/l	mg/l	
00368	Nitrate Nitrogen	14797-55-8	N.D.	0.25	0.50	5
01506	Nitrite Nitrogen	14797-65-0	N.D.	0.40	0.50	5
00228	Sulfate	14808-79-8	1,120	60.0	200	200
	EPA 415.1	modified	mg/l	mg/l	mg/l	
07547	Dissolved Organic Carbon	n.a.	1.5	0.50	1.0	1
	EPA 410.4		mg/l	mg/l	mg/l	
04001	Chemical Oxygen Demand	n.a.	14.8 J	12.8	50.0	1
	SM 5210 B	-2001	mg/l	mg/l	mg/l	
00235	Biochemical Oxygen Demand	n.a.	3.3	0.80	3.0	1

General Sample Comments

Laboratory Sample Analysis Record

State of New York Certification No. 10670 Trip blank vials were not received by the laboratory for this sample group.

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

Method

EPA 415.1 modified

EPA 410.4

CAT Trial# Batch# Analysis Dilution Analysis Name Analyst Nο. Date and Time Factor 10335 VOCs 8260 Parsons Specs SW-846 8260B L130981AA 04/08/2013 12:35 Angela D List Sneeringer 01163 GC/MS VOA Water Prep SW-846 5030B L130981AA 04/08/2013 12:35 1 Angela D Sneeringer 07105 Volatile Headspace RSKSOP-175 1 131000026A 04/11/2013 14:05 Elizabeth J Marin Hydrocarbon modified SW-846 6010B 01754 Iron 1 130941848003 04/06/2013 00.31 John W Yanzuk II 1 John W Yanzuk II SW-846 6010B 07058 Manganese 1 130941848003 04/06/2013 00.31 1 01848 WW SW846 ICP Digest (tot SW-846 3005A 1 130941848003 04/05/2013 10:33 James L Mertz 1 rec) 00224 Chloride EPA 300.0 13093655902A 04/04/2013 20:14 Christopher D 10 Meeks 00368 Nitrate Nitrogen EPA 300.0 13093655902A 04/04/2013 06:42 Christopher D 5 Meeks 01506 Nitrite Nitrogen EPA 300.0 13093655902A 04/04/2013 06:42 Christopher D Meeks 00228 Sulfate EPA 300.0 13093655902A 04/04/2013 20:45 200 Christopher D

13094049501A

13105400101A

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



2425 New Holland Pike, Lancaster, PA 17601 • 717-656-2300 • Fax; 717-656-2681 • www.LancasterLabs.com

Sample Description: B-40 Water

BP Sanborn COC: R211765 2040 Cory Dr - Sanborn, NY LLI Sample # WW 7007574 LLI Group # 1379900

Account # 12495

Project Name: BP Sanborn

Submitted: 04/03/2013 09:15

Reported: 04/15/2013 18:10

Collected: 04/02/2013 12:45 by RCB Atlantic Richfield(Parsons-NY)

BP Corporation

501 WestLake Park Blvd

Houston TX 77079

CSB40

Laboratory Sample Analysis Record

CAT	Analysis Name	Method	Trial#	Batch#	Analysis	Analyst	Dilution
No.					Date and Time		Factor
00235	Biochemical Oxygen Demand	SM 5210 B-2001	1	13093023502A	04/03/2013 14:29	Susan E Hibner	1



2425 New Holland Pike, Lancaster, PA 17601 • 717-656-2300 • Fax; 717-656-2681 • www.LancasterLabs.com

Sample Description: B-41 Water

BP Sanborn COC: R211766 2040 Cory Dr - Sanborn, NY LLI Sample # WW 7007575 LLI Group # 1379900 Account # 12495

Project Name: BP Sanborn

Submitted: 04/03/2013 09:15

Reported: 04/15/2013 18:10

Collected: 04/02/2013 11:15 by RCB Atlantic Richfield(Parsons-NY)

BP Corporation

501 WestLake Park Blvd

Houston TX 77079

CSB41

CAT No.	Analysis Name		CAS Number	As Received Result	As Received Method Detection Limit*	As Received Limit of Quantitation	Dilution Factor
GC/MS	Volatiles SW	-846 82	60B	ug/l	ug/l	ug/l	
10335	Benzyl Chloride		100-44-7	N.D.	1.0	5.0	1
10335	Bromobenzene		108-86-1	N.D.	1.0	5.0	1
10335	Bromodichloromethane		75-27-4	N.D.	1.0	5.0	1
10335	Bromoform		75-25-2	N.D.	1.0	5.0	1
10335	Bromomethane		74-83-9	N.D.	1.0	5.0	1
10335	Carbon Tetrachloride		56-23-5	N.D.	1.0	5.0	1
10335	Chlorobenzene		108-90-7	N.D.	0.80	5.0	1
10335	Chloroethane		75-00-3	N.D.	1.0	5.0	1
10335	2-Chloroethyl Vinyl Etl	ner	110-75-8	N.D.	2.0	10	1
	2-Chloroethyl vinyl etl						_
	preserve this sample.	ici may ii	oc be recovered	a ii acia wab ab	ca co		
10335	Chloroform		67-66-3	N.D.	0.80	5.0	1
10335	Chloromethane		74-87-3	N.D.	1.0	5.0	1
10335	Dibromochloromethane		124-48-1	N.D.	1.0	5.0	1
10335	Dibromomethane		74-95-3	N.D.	1.0	5.0	1
10335	1,2-Dichlorobenzene		95-50-1	N.D.	1.0	5.0	1
10335	1,3-Dichlorobenzene		541-73-1	N.D.	1.0	5.0	1
10335	1,4-Dichlorobenzene		106-46-7	N.D.	1.0	5.0	1
10335	Dichlorodifluoromethane		75-71-8	N.D.	2.0	5.0	1
10335	1,1-Dichloroethane	3	75-71-8	N.D.	1.0	5.0	1
	•						
10335	1,2-Dichloroethane		107-06-2	N.D.	1.0	5.0	1 1
10335	1,1-Dichloroethene		75-35-4	N.D.	0.80	5.0	
10335	cis-1,2-Dichloroethene		156-59-2	6.8	0.80	5.0	1
10335	trans-1,2-Dichloroether	1e	156-60-5	N.D.	0.80	5.0	1
10335	1,2-Dichloropropane		78-87-5	N.D.	1.0	5.0	1
10335	cis-1,3-Dichloropropen		10061-01-5	N.D.	1.0	5.0	1
10335	trans-1,3-Dichloroprope	ene	10061-02-6	N.D.	1.0	5.0	1
10335	Methylene Chloride		75-09-2	N.D.	2.0	5.0	1
10335	1,1,1,2-Tetrachloroetha		630-20-6	N.D.	1.0	5.0	1
10335	1,1,2,2-Tetrachloroetha	ane	79-34-5	N.D.	1.0	5.0	1
10335	Tetrachloroethene		127-18-4	N.D.	0.80	5.0	1
10335	1,1,1-Trichloroethane		71-55-6	N.D.	0.80	5.0	1
10335	1,1,2-Trichloroethane		79-00-5	N.D.	0.80	5.0	1
10335	Trichloroethene		79-01-6	N.D.	1.0	5.0	1
10335	Trichlorofluoromethane		75-69-4	N.D.	2.0	5.0	1
10335	1,2,3-Trichloropropane		96-18-4	N.D.	1.0	5.0	1
10335	Vinyl Chloride		75-01-4	N.D.	1.0	5.0	1
C Mis	scellaneous RS	KSOP-17	5 modified	ug/l	ug/l	ug/l	
07105	Ethane		74-84-0	N.D.	1.0	5.0	1
07105	Ethene		74-85-1	N.D.	1.0	5.0	1
07105	Methane		74-82-8	N.D.	3.0	5.0	1
[etals	s SW	-846 60	10B	mg/l	mg/l	mg/l	
01754	Iron		7439-89-6	0.247	0.0333	0.200	1
07058	Manganese		7439-89-6	0.0133	0.00083	0.0050	1
Jot Cl	nemistry EP	A 300.0		mg/l	mg/l	mg/l	
	Chloride	500.0	16887-00-6	54.5	4.0	8.0	20
00224	CHTOLIGE		1088/-00-6	54.5	4 . U	5.U	2.0

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



2425 New Holland Pike, Lancaster, PA 17601 • 717-656-2300 • Fax: 717-656-2681 • www.LancasterLabs.com

Sample Description: B-41 Water

BP Sanborn COC: R211766 2040 Cory Dr - Sanborn, NY LLI Sample # WW 7007575 LLI Group # 1379900 Account # 12495

Project Name: BP Sanborn

Submitted: 04/03/2013 09:15

Reported: 04/15/2013 18:10

Collected: 04/02/2013 11:15 by RCB Atlantic Richfield(Parsons-NY)

BP Corporation

501 WestLake Park Blvd

Houston TX 77079

CSB41

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit*	As Received Limit of Quantitation	Dilution Factor
Wet Cl	hemistry EPA 300.0		mg/l	mg/l	mg/l	
00368	Nitrate Nitrogen	14797-55-8	N.D.	0.25	0.50	5
01506	Nitrite Nitrogen	14797-65-0	N.D.	0.40	0.50	5
00228	Sulfate	14808-79-8	176	6.0	20.0	20
	EPA 415.1	modified	mg/l	mg/l	mg/l	
07547	Dissolved Organic Carbon	n.a.	1.9	0.50	1.0	1
			/3	/3	/3	
	EPA 410.4		mg/l	mg/l	mg/l	
04001	Chemical Oxygen Demand	n.a.	N.D.	12.8	50.0	1
	SM 5210 B	-2001	mg/l	mg/l	mg/l	
00235	Biochemical Oxygen Demand	n.a.	N.D.	3.5	3.5	1

General Sample Comments

Laboratory Sample Analysis Record

State of New York Certification No. 10670 Trip blank vials were not received by the laboratory for this sample group.

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

Method CAT Trial# Batch# Analysis Dilution Analysis Name Analyst Nο. Date and Time Factor 10335 VOCs 8260 Parsons Specs SW-846 8260B L130981AA 04/08/2013 12:57 Angela D List Sneeringer 01163 GC/MS VOA Water Prep SW-846 5030B L130981AA 04/08/2013 12:57 1 Angela D Sneeringer 07105 Volatile Headspace RSKSOP-175 1 131000026A 04/11/2013 14:23 Elizabeth J Marin Hydrocarbon modified SW-846 6010B 01754 1 130941848003 04/06/2013 00.35 John W Yanzuk II 1 Iron John W Yanzuk II 07058 Manganese SW-846 6010B 1 130941848003 04/06/2013 00.35 1 01848 WW SW846 ICP Digest (tot SW-846 3005A 1 130941848003 04/05/2013 10:33 James L Mertz 1 rec) 00224 Chloride EPA 300.0 13093655902A 04/04/2013 21:00 Christopher D Meeks 00368 Nitrate Nitrogen EPA 300.0 13093655902A 04/04/2013 07:13 Christopher D 5 Meeks 01506 Nitrite Nitrogen EPA 300.0 13093655902A 04/04/2013 07:13 Christopher D Meeks 00228 Sulfate EPA 300.0 13093655902A 04/04/2013 21:00 Christopher D 2.0 Meeks 07547 Dissolved Organic Carbon 13094049501A EPA 415.1 modified 04/04/2013 05:51 James S Mathiot 04001 Chemical Oxygen Demand EPA 410.4 13105400101A 1 04/15/2013 08:10 Susan A Engle

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



2425 New Holland Pike, Lancaster, PA 17601 • 717-656-2300 • Fax; 717-656-2681 • www.LancasterLabs.com

Sample Description: B-41 Water

BP Sanborn COC: R211766 2040 Cory Dr - Sanborn, NY LLI Sample # WW 7007575

LLI Group # 1379900 Account # 12495

Project Name: BP Sanborn

Submitted: 04/03/2013 09:15

Reported: 04/15/2013 18:10

Collected: 04/02/2013 11:15 by RCB Atlantic Richfield(Parsons-NY)

BP Corporation

501 WestLake Park Blvd

Houston TX 77079

CSB41

Laboratory Sample Analysis Record

CAT	Analysis Name	Method	Trial#	Batch#	Analysis	Analyst	Dilution
No.					Date and Time		Factor
00235	Biochemical Oxygen Demand	SM 5210 B-2001	1	13093023502A	04/03/2013 14:29	Susan E Hibner	1



2425 New Holland Pike, Lancaster, PA 17601 • 717-656-2300 • Fax; 717-656-2681 • www.LancasterLabs.com

Sample Description: B-10 Water

BP Sanborn COC: R211767 2040 Cory Dr - Sanborn, NY LLI Sample # WW 7007576 LLI Group # 1379900 Account # 12495

Project Name: BP Sanborn

Submitted: 04/03/2013 09:15

Reported: 04/15/2013 18:10

Collected: 04/02/2013 09:45 by RCB Atlantic Richfield(Parsons-NY)

BP Corporation

501 WestLake Park Blvd

Houston TX 77079

CSB10

CAT No.	Analysis Name		CAS Number	As Received Result	As Received Method Detection Limit*	As Received Limit of Quantitation	Dilution Factor
GC/MS	Volatiles S	SW-846	8260B	ug/l	ug/l	ug/l	
10335	Benzyl Chloride		100-44-7	N.D.	1.0	5.0	1
10335	Bromobenzene		108-86-1	N.D.	1.0	5.0	1
10335	Bromodichloromethane		75-27-4	N.D.	1.0	5.0	1
10335	Bromoform		75-25-2	N.D.	1.0	5.0	1
10335	Bromomethane		74-83-9	N.D.	1.0	5.0	1
10335	Carbon Tetrachloride		56-23-5	N.D.	1.0	5.0	1
10335	Chlorobenzene		108-90-7	N.D.	0.80	5.0	1
10335	Chloroethane		75-00-3	N.D.	1.0	5.0	1
10335	2-Chloroethyl Vinyl E	ther	110-75-8	N.D.	2.0	10	1
	2-Chloroethyl vinyl e						_
	preserve this sample.		, not be recovered	t ii deid wab ab	ca co		
10335	Chloroform		67-66-3	N.D.	0.80	5.0	1
10335	Chloromethane		74-87-3	N.D.	1.0	5.0	1
10335	Dibromochloromethane		124-48-1	N.D.	1.0	5.0	1
10335	Dibromomethane		74-95-3	N.D.	1.0	5.0	1
10335	1,2-Dichlorobenzene		95-50-1	N.D.	1.0	5.0	1
10335	1,3-Dichlorobenzene		541-73-1	N.D.	1.0	5.0	1
10335	1,4-Dichlorobenzene		106-46-7	N.D.	1.0	5.0	1
10335	Dichlorodifluorometha	no	75-71-8	N.D.	2.0	5.0	1
10335	1,1-Dichloroethane	ine	75-34-3	N.D.	1.0	5.0	1
10335	1,2-Dichloroethane		107-06-2	N.D.	1.0	5.0	1
10335	1,1-Dichloroethene		75-35-4	N.D.	0.80	5.0	1
	•						1
10335 10335	cis-1,2-Dichloroether		156-59-2	3.1 J N.D.	0.80	5.0	
	trans-1,2-Dichloroeth	iene	156-60-5			5.0	1
10335	1,2-Dichloropropane		78-87-5	N.D.	1.0	5.0	1 1
10335	cis-1,3-Dichloroprope		10061-01-5	N.D.	1.0	5.0	
10335	trans-1,3-Dichloropro	ppene	10061-02-6	N.D.	1.0	5.0	1
10335	Methylene Chloride	,	75-09-2	N.D.	2.0	5.0	1
10335	1,1,1,2-Tetrachloroet		630-20-6	N.D.	1.0	5.0	1
10335	1,1,2,2-Tetrachloroet	hane	79-34-5	N.D.	1.0	5.0	1
10335	Tetrachloroethene		127-18-4	N.D.	0.80	5.0	1
10335	1,1,1-Trichloroethane		71-55-6	2.3 J	0.80	5.0	1
10335	1,1,2-Trichloroethane	2	79-00-5	N.D.	0.80	5.0	1
10335	Trichloroethene		79-01-6	27	1.0	5.0	1
10335	Trichlorofluoromethan		75-69-4	N.D.	2.0	5.0	1
10335	1,2,3-Trichloropropar	ıe	96-18-4	N.D.	1.0	5.0	1
10335	Vinyl Chloride		75-01-4	N.D.	1.0	5.0	1
C Mis	scellaneous E	RSKSOP-	175 modified	ug/l	ug/l	ug/l	
07105	Ethane		74-84-0	N.D.	1.0	5.0	1
07105	Ethene		74-85-1	N.D.	1.0	5.0	1
07105	Methane		74-82-8	N.D.	3.0	5.0	1
[etals		SW-846	6010B	mg/l	mg/l	mg/l	
01754	Iron	0.0	7439-89-6	0.776	0.0333	0.200	1
07058	Manganese		7439-89-6	0.0056	0.00083	0.0050	1
70+ C1	omiatri I	EPA 300	. 0	mg/l	mg/l	mg/l	
		EFA JUU		-	=	=	
00224	Chloride		16887-00-6	183	10.0	20.0	50

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



2425 New Holland Pike, Lancaster, PA 17601 • 717-656-2300 • Fax; 717-656-2681 • www.LancasterLabs.com

Sample Description: B-10 Water

BP Sanborn COC: R211767 2040 Cory Dr - Sanborn, NY LLI Sample # WW 7007576 LLI Group # 1379900 Account # 12495

Project Name: BP Sanborn

Submitted: 04/03/2013 09:15

Reported: 04/15/2013 18:10

Collected: 04/02/2013 09:45 by RCB Atlantic Richfield(Parsons-NY)

BP Corporation

501 WestLake Park Blvd

Houston TX 77079

CSB10

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit*	As Received Limit of Quantitation	Dilution Factor
Wet Ch	nemistry EPA 300.0		mg/l	mg/l	mg/l	
00368	Nitrate Nitrogen	14797-55-8	1.5	0.25	0.50	5
01506	Nitrite Nitrogen	14797-65-0	N.D.	4.0	5.0	50
	Reporting limits were raised due	to interference	e from the samp	le matrix.		
00228	Sulfate	14808-79-8	116	15.0	50.0	50
07547	EPA 415.1 Dissolved Organic Carbon	modified n.a.	mg/l 1.6	mg/l 0.50	mg/l 1.0	1
	EPA 410.4		mg/l	mg/l	mg/l	
04001	Chemical Oxygen Demand	n.a.	14.8 J	12.8	50.0	1
00235	SM 5210 B-Biochemical Oxygen Demand	-2001	mg/1 N.D.	mg/l 3.3	mg/1 3.3	1
00233	2100110m110a1 0m13cm bemana			3.3	3.3	<u>-</u>

General Sample Comments

State of New York Certification No. 10670

Trip blank vials were not received by the laboratory for this sample group.

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

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Ti	me	Analyst	Dilution Factor
10335	VOCs 8260 Parsons Specs List	SW-846 8260B	1	L130981AA	04/08/2013	13:19	Angela D Sneeringer	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	L130981AA	04/08/2013	13:19	Angela D Sneeringer	1
07105	Volatile Headspace Hydrocarbon	RSKSOP-175 modified	1	131000026A	04/11/2013	14:41	Elizabeth J Marin	1
01754	Iron	SW-846 6010B	1	130941848003	04/06/2013	00:39	John W Yanzuk II	1
07058	Manganese	SW-846 6010B	1	130941848003	04/06/2013	00:39	John W Yanzuk II	1
01848	WW SW846 ICP Digest (tot rec)	SW-846 3005A	1	130941848003	04/05/2013	10:33	James L Mertz	1
00224	Chloride	EPA 300.0	1	13093655902A	04/04/2013	12:00	Christopher D Meeks	50
00368	Nitrate Nitrogen	EPA 300.0	1	13093655902A	04/04/2013	07:28	Christopher D Meeks	5
01506	Nitrite Nitrogen	EPA 300.0	1	13093655902A	04/04/2013	12:00	Christopher D Meeks	50
00228	Sulfate	EPA 300.0	1	13093655902A	04/04/2013	12:00	Christopher D Meeks	50
07547	Dissolved Organic Carbon	EPA 415.1 modified	1	13094049501A	04/04/2013	06:06	James S Mathiot	1
04001	Chemical Oxygen Demand	EPA 410.4	1	13105400101A	04/15/2013	08:10	Susan A Engle	1



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Sample Description: B-10 Water

BP Sanborn COC: R211767 2040 Cory Dr - Sanborn, NY LLI Sample # WW 7007576 LLI Group # 1379900 Account # 12495

Project Name: BP Sanborn

Submitted: 04/03/2013 09:15

Reported: 04/15/2013 18:10

Collected: 04/02/2013 09:45 by RCB Atlantic Richfield(Parsons-NY)

BP Corporation

501 WestLake Park Blvd

Houston TX 77079

CSB10

Laboratory Sample Analysis Record

CAT	Analysis Name	Method	Trial#	Batch#	Analysis	Analyst	Dilution
No.					Date and Time		Factor
00235	Biochemical Oxygen Demand	SM 5210 B-2001	1	13093023502A	04/03/2013 14.29	Susan E Hibner	1



2425 New Holland Pike, Lancaster, PA 17601 • 717-656-2300 • Fax; 717-656-2681 • www.LancasterLabs.com

Sample Description: PW-4 Water

BP Sanborn COC: R211767 2040 Cory Dr - Sanborn, NY LLI Sample # WW 7007577 LLI Group # 1379900 Account # 12495

Project Name: BP Sanborn

Submitted: 04/03/2013 09:15

Reported: 04/15/2013 18:10

Collected: 04/02/2013 14:15 by RCB Atlantic Richfield(Parsons-NY)

BP Corporation

501 WestLake Park Blvd

Houston TX 77079

CSPW4

CAT No.	Analysis Name		CAS Number	As Recei Result	ved	As Received Method Detection Limit*	As Received Limit of Quantitation	Dilution Factor
GC/MS	Volatiles	SW-846	8260B	ug/l		ug/l	ug/l	
10335	Benzyl Chloride		100-44-7	N.D.		1.0	5.0	1
10335	Bromobenzene		108-86-1	N.D.		1.0	5.0	1
10335	Bromodichloromethane		75-27-4	N.D.		1.0	5.0	1
10335	Bromoform		75-25-2	N.D.		1.0	5.0	1
10335	Bromomethane		74-83-9	N.D.		1.0	5.0	1
10335	Carbon Tetrachloride		56-23-5	N.D.		1.0	5.0	1
10335	Chlorobenzene		108-90-7	N.D.		0.80	5.0	1
10335	Chloroethane		75-00-3	N.D.		1.0	5.0	1
10335	2-Chloroethyl Vinyl	Ether	110-75-8	N.D.		2.0	10	1
	2-Chloroethyl vinyl preserve this sample		y not be recovered	if acid w	as used	to		
10335	Chloroform		67-66-3	N.D.		0.80	5.0	1
10335	Chloromethane		74-87-3	N.D.		1.0	5.0	1
10335	Dibromochloromethane		124-48-1	N.D.		1.0	5.0	1
10335	Dibromomethane		74-95-3	N.D.		1.0	5.0	1
10335	1,2-Dichlorobenzene		95-50-1	N.D.		1.0	5.0	1
10335	1,3-Dichlorobenzene		541-73-1	N.D.		1.0	5.0	1
10335	1,4-Dichlorobenzene		106-46-7	N.D.		1.0	5.0	1
10335	Dichlorodifluorometh	ane	75-71-8	N.D.		2.0	5.0	1
10335	1,1-Dichloroethane		75-34-3	N.D.		1.0	5.0	1
10335	1,2-Dichloroethane		107-06-2	N.D.		1.0	5.0	1
10335	1,1-Dichloroethene		75-35-4	N.D.		0.80	5.0	1
10335	cis-1,2-Dichloroethe		156-59-2	4.0 J		0.80	5.0	1
10335	trans-1,2-Dichloroet	hene	156-60-5	N.D.		0.80	5.0	1
10335	1,2-Dichloropropane		78-87-5	N.D.		1.0	5.0	1
10335	cis-1,3-Dichloroprop		10061-01-5	N.D.		1.0	5.0	1
10335	trans-1,3-Dichloropr	opene	10061-02-6	N.D.		1.0	5.0	1
10335	Methylene Chloride		75-09-2	N.D.		2.0	5.0	1
10335	1,1,1,2-Tetrachloroe		630-20-6	N.D.		1.0	5.0	1
10335	1,1,2,2-Tetrachloroe	thane	79-34-5	N.D.		1.0	5.0	1
10335	Tetrachloroethene		127-18-4	N.D.		0.80	5.0	1
10335	1,1,1-Trichloroethan		71-55-6	N.D.		0.80	5.0	1
10335	1,1,2-Trichloroethan	e	79-00-5	N.D.		0.80	5.0	1
10335	Trichloroethene		79-01-6	41		1.0	5.0	1
10335	Trichlorofluorometha		75-69-4	N.D.		2.0	5.0	1
10335	1,2,3-Trichloropropa	ne	96-18-4	N.D.		1.0	5.0	1
10335	Vinyl Chloride		75-01-4	N.D.		1.0	5.0	1

General Sample Comments

State of New York Certification No. 10670

Trip blank vials were not received by the laboratory for this sample group.

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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Sample Description: PW-4 Water

 PW-4 Water
 LLI Sample # WW 7007577

 BP Sanborn COC: R211767
 LLI Group # 1379900

 2040 Cory Dr - Sanborn, NY
 Account # 12495

Project Name: BP Sanborn

Submitted: 04/03/2013 09:15

Reported: 04/15/2013 18:10

Collected: 04/02/2013 14:15 by RCB Atlantic Richfield(Parsons-NY)

BP Corporation

501 WestLake Park Blvd

Houston TX 77079

CSPW4

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	e	Analyst	Dilution Factor		
10335	VOCs 8260 Parsons Specs List	SW-846 8260B	1	L130981AA	04/08/2013 1	13:41	Angela D Sneeringer	1		
01163	GC/MS VOA Water Prep	SW-846 5030B	1	L130981AA	04/08/2013 1	13:41	Angela D Sneeringer	1		



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Sample Description: PW-3 Water

BP Sanborn COC: R211767 2040 Cory Dr - Sanborn, NY LLI Sample # WW 7007578 LLI Group # 1379900 Account # 12495

Project Name: BP Sanborn

Submitted: 04/03/2013 09:15

Reported: 04/15/2013 18:10

Collected: 04/02/2013 14:25 by RCB Atlantic Richfield(Parsons-NY)

BP Corporation

501 WestLake Park Blvd

Houston TX 77079

CSPW3

CAT No.	Analysis Name	CAS Number	As Rec Result		As Received Method Detection Limit*	As Received Limit of Quantitation	Dilution Factor
GC/MS	Volatiles SW-846	8260B	ug/l		ug/l	ug/l	
10335	Benzyl Chloride	100-44-7	N.D.		1.0	5.0	1
10335	Bromobenzene	108-86-1	N.D.		1.0	5.0	1
10335	Bromodichloromethane	75-27-4	N.D.		1.0	5.0	1
10335	Bromoform	75-25-2	N.D.		1.0	5.0	1
10335	Bromomethane	74-83-9	N.D.		1.0	5.0	1
10335	Carbon Tetrachloride	56-23-5	N.D.		1.0	5.0	1
10335	Chlorobenzene	108-90-7	N.D.		0.80	5.0	1
10335	Chloroethane	75-00-3	N.D.		1.0	5.0	1
10335	2-Chloroethyl Vinyl Ether	110-75-8	N.D.		2.0	10	1
	2-Chloroethyl vinyl ether ma preserve this sample.	y not be recovered	if acid	was used	l to		
10335	Chloroform	67-66-3	N.D.		0.80	5.0	1
10335	Chloromethane	74-87-3	N.D.		1.0	5.0	1
10335	Dibromochloromethane	124-48-1	N.D.		1.0	5.0	1
10335	Dibromomethane	74-95-3	N.D.		1.0	5.0	1
10335	1,2-Dichlorobenzene	95-50-1	N.D.		1.0	5.0	1
10335	1,3-Dichlorobenzene	541-73-1	N.D.		1.0	5.0	1
10335	1,4-Dichlorobenzene	106-46-7	N.D.		1.0	5.0	1
10335	Dichlorodifluoromethane	75-71-8	N.D.		2.0	5.0	1
10335	1,1-Dichloroethane	75-34-3	N.D.		1.0	5.0	1
10335	1,2-Dichloroethane	107-06-2	N.D.		1.0	5.0	1
10335	1,1-Dichloroethene	75-35-4	0.81	J	0.80	5.0	1
10335	cis-1,2-Dichloroethene	156-59-2	170		0.80	5.0	1
10335	trans-1,2-Dichloroethene	156-60-5	1.1	J	0.80	5.0	1
10335	1,2-Dichloropropane	78-87-5	N.D.		1.0	5.0	1
10335	cis-1,3-Dichloropropene	10061-01-5	N.D.		1.0	5.0	1
10335	trans-1,3-Dichloropropene	10061-02-6	N.D.		1.0	5.0	1
10335	Methylene Chloride	75-09-2	N.D.		2.0	5.0	1
10335	1,1,1,2-Tetrachloroethane	630-20-6	N.D.		1.0	5.0	1
10335	1,1,2,2-Tetrachloroethane	79-34-5	N.D.		1.0	5.0	1
10335	Tetrachloroethene	127-18-4	8.2		0.80	5.0	1
10335	1,1,1-Trichloroethane	71-55-6	N.D.		0.80	5.0	1
10335	1,1,2-Trichloroethane	79-00-5	N.D.		0.80	5.0	1
10335	Trichloroethene	79-01-6	510		10	50	10
10335	Trichlorofluoromethane	75-69-4	N.D.		2.0	5.0	1
10335	1,2,3-Trichloropropane	96-18-4	N.D.		1.0	5.0	1
10335	Vinyl Chloride	75-01-4	1.7	J	1.0	5.0	1

General Sample Comments

State of New York Certification No. 10670

Trip blank vials were not received by the laboratory for this sample group.

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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Sample Description: PW-3 Water

BP Sanborn COC: R211767 2040 Cory Dr - Sanborn, NY LLI Sample # WW 7007578 LLI Group # 1379900 Account # 12495

Project Name: BP Sanborn

Submitted: 04/03/2013 09:15

Reported: 04/15/2013 18:10

Collected: 04/02/2013 14:25 by RCB Atlantic Richfield(Parsons-NY)

BP Corporation

501 WestLake Park Blvd

Houston TX 77079

CSPW3

Laboratory Sample Analysis Record												
CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor					
10335	VOCs 8260 Parsons Specs List	SW-846 8260B	1	L130981AA	04/08/2013 14	:03 Angela D Sneeringer	1					
10335	VOCs 8260 Parsons Specs List	SW-846 8260B	1	L130981AA	04/08/2013 19	:53 Angela D Sneeringer	10					
01163	GC/MS VOA Water Prep	SW-846 5030B	1	L130981AA	04/08/2013 14	:03 Angela D Sneeringer	1					
01163	GC/MS VOA Water Prep	SW-846 5030B	2	L130981AA	04/08/2013 19	:53 Angela D Sneeringer	10					



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Quality Control Summary

Client Name: Atlantic Richfield(Parsons-NY) Group Number: 1379900

Reported: 04/15/13 at 06:10 PM

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

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

Laboratory Compliance Quality Control

Analysis Name	Blank <u>Result</u>		Blank <u>LOQ</u>	Report <u>Units</u>	LCS <u>%REC</u>	LCSD %REC	LCS/LCSD <u>Limits</u>	RPD	RPD Max
Batch number: L130981AA	Sample nur	mber(s): 7	007573-700	7578					
Benzyl Chloride	N.D.	1.0	5.0	uq/l	93		49-120		
Bromobenzene	N.D.	1.0	5.0	uq/l	94		80-120		
Bromodichloromethane	N.D.	1.0	5.0	ug/l	98		73-120		
Bromoform	N.D.	1.0	5.0	ug/l	96		61-120		
Bromomethane	N.D.	1.0	5.0	uq/l	84		51-120		
Carbon Tetrachloride	N.D.	1.0	5.0	ug/l	112		65-137		
Chlorobenzene	N.D.	0.80	5.0	ug/l	100		80-120		
Chloroethane	N.D.	1.0	5.0	uq/l	82		60-120		
2-Chloroethyl Vinyl Ether	N.D.	2.0	10	ug/l	99		52-127		
Chloroform	N.D.	0.80	5.0	ug/l	104		77-122		
Chloromethane	N.D.	1.0	5.0	uq/l	79		54-123		
Dibromochloromethane	N.D.	1.0	5.0	ug/l	99		72-120		
Dibromomethane	N.D.	1.0	5.0	ug/l	97		80-120		
1,2-Dichlorobenzene	N.D.	1.0	5.0	ug/l	97		80-120		
1,3-Dichlorobenzene	N.D.	1.0	5.0	ug/l	97		80-120		
1,4-Dichlorobenzene	N.D.	1.0	5.0	ug/l	96		80-120		
Dichlorodifluoromethane	N.D.	2.0	5.0	ug/l	86		35-122		
1,1-Dichloroethane	N.D.	1.0	5.0	ug/l	102		79-120		
1,2-Dichloroethane	N.D.	1.0	5.0	ug/l	105		64-130		
1,1-Dichloroethene	N.D.	0.80	5.0	ug/l	110		76-124		
cis-1,2-Dichloroethene	N.D.	0.80	5.0	ug/l	107		80-120		
trans-1,2-Dichloroethene	N.D.	0.80	5.0	ug/l	108		80-120		
1,2-Dichloropropane	N.D.	1.0	5.0	ug/l	95		80-120		
cis-1,3-Dichloropropene	N.D.	1.0	5.0	ug/l	101		78-120		
trans-1,3-Dichloropropene	N.D.	1.0	5.0	ug/l	92		66-124		
Methylene Chloride	N.D.	2.0	5.0	ug/l	107		84-118		
1,1,1,2-Tetrachloroethane	N.D.	1.0	5.0	ug/l	100		79-120		
1,1,2,2-Tetrachloroethane	N.D.	1.0	5.0	ug/l	89		70-129		
Tetrachloroethene	N.D.	0.80	5.0	ug/l	105		79-120		
1,1,1-Trichloroethane	N.D.	0.80	5.0	ug/l	106		66-126		
1,1,2-Trichloroethane	N.D.	0.80	5.0	ug/l	95		80-120		
Trichloroethene	N.D.	1.0	5.0	ug/l	105		80-120		
Trichlorofluoromethane	N.D.	2.0	5.0	ug/l	101		65-130		
1,2,3-Trichloropropane	N.D.	1.0	5.0	ug/l	89		76-120		
Vinyl Chloride	N.D.	1.0	5.0	ug/l	85		63-120		
Batch number: 131000026A	Sample nur								
Ethane	N.D.	1.0	5.0	ug/l	108		80-120		
Ethene	N.D.	1.0	5.0	ug/l	105		80-120		
Methane	N.D.	3.0	5.0	ug/l	110		80-120		
Batch number: 130941848003	Sample nur								
Iron	N.D.	0.0333	0.200	mg/1	98		90-112		

^{*-} Outside of specification

^{**-}This limit was used in the evaluation of the final result for the blank

⁽¹⁾ The result for one or both determinations was less than five times the LOQ.

⁽²⁾ The unspiked result was more than four times the spike added.

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Quality Control Summary

Client Name: Atlantic Richfield(Parsons-NY) Group Number: 1379900

Reported: 04/15/13 at 06:10 PM

<u>Analysis Name</u> Manganese	Blank <u>Result</u> N.D.	Blank <u>MDL**</u> 0.00083	Blank <u>LOQ</u> 0.0050	Report <u>Units</u> mg/l	LCS <u>%REC</u> 101	LCSD <u>%REC</u>	LCS/LCSD Limits 90-110	RPD	RPD Max
Batch number: 13093655902A	Sample numb	ber(s): 70	07573-700	7576					
Chloride	N.D.	0.20	0.40	mg/l	101		90-110		
Nitrate Nitrogen	N.D.	0.050	0.10	mg/l	107		90-110		
Nitrite Nitrogen	N.D.	0.080	0.10	mg/l	103		90-110		
Sulfate	N.D.	0.30	1.0	mg/1	106		90-110		
Batch number: 13094049501A	Sample numb								
Dissolved Organic Carbon	N.D.	0.50	1.0	mg/1	95		86-114		
Batch number: 13093023502A Biochemical Oxygen Demand	Sample numb	per(s): 70	07573-700	7576	96		85-115		
Batch number: 13105400101A Chemical Oxygen Demand	Sample numb	ber(s): 70	07573-700	7576	101		94-110		

Background (BKG) = the sample used in conjunction with the duplicate

Analysis Name	MS <u>%REC</u>	MSD %REC	MS/MSD <u>Limits</u>	RPD	RPD <u>MAX</u>	BKG Conc	DUP <u>Conc</u>	DUP <u>RPD</u>	Dup RPD Max
Batch number: L130981AA	Sample	number(s)	: 7007573	-70075	78 UNSP	K: P008428			
Benzyl Chloride	98	100	42-131	3	30				
Bromobenzene	102	104	82-115	2	30				
Bromodichloromethane	105	106	78-125	1	30				
Bromoform	101	102	48-118	1	30				
Bromomethane	90	91	47-129	1	30				
Carbon Tetrachloride	127	128	72-135	1	30				
Chlorobenzene	108	110	87-124	2	30				
Chloroethane	94	95	51-145	1	30				
2-Chloroethyl Vinyl Ether	0*	0*	10-151	0	30				
Chloroform	115	116	81-134	1	30				
Chloromethane	86	86	46-137	1	30				
Dibromochloromethane	106	106	74-116	0	30				
Dibromomethane	101	103	83-119	2	30				
1,2-Dichlorobenzene	104	106	84-119	2	30				
1,3-Dichlorobenzene	107	109	86-121	2	30				
1,4-Dichlorobenzene	104	106	85-121	2	30				
Dichlorodifluoromethane	101	101	52-129	0	30				
1,1-Dichloroethane	113	113	84-129	0	30				
1,2-Dichloroethane	109	109	68-131	0	30				
1,1-Dichloroethene	128	129	75-155	1	30				
cis-1,2-Dichloroethene	48 (2)	65 (2)	80-141	1	30				
trans-1,2-Dichloroethene	121	122	81-142	1	30				
1,2-Dichloropropane	101	104	83-124	3	30				
cis-1,3-Dichloropropene	104	107	70-116	3	30				
trans-1,3-Dichloropropene	96	99	74-119	3	30				
Methylene Chloride	115	116	78-133	0	30				
1,1,1,2-Tetrachloroethane	108	109	74-136	1	30				
1,1,2,2-Tetrachloroethane	93	95	72-128	2	30				

^{*-} Outside of specification

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

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Quality Control Summary

Client Name: Atlantic Richfield(Parsons-NY) Group Number: 1379900

Reported: 04/15/13 at 06:10 PM

Sample Matrix Quality Control

Unspiked (UNSPK) = the sample used in conjunction with the matrix spike Background (BKG) = the sample used in conjunction with the duplicate

Analysis Name Tetrachloroethene 1,1,1-Trichloroethane 1,1,2-Trichloroethane Trichloroethene Trichlorofluoromethane 1,2,3-Trichloropropane Vinyl Chloride	MS %REC 117 120 101 116 119 94 60 (2)	MSD %REC 119 121 100 119 116 96 75 (2)	MS/MSD Limits 80-128 69-140 71-141 88-133 64-146 76-118 66-133	RPD 2 1 1 3 3 2 1	RPD MAX 30 30 30 30 30 30 30 30	BKG <u>Conc</u>	DUP <u>Conc</u>	DUP <u>RPD</u>	Dup RPD Max
Batch number: 131000026A Ethane Ethene Methane	Sample 62 68 11*	number(s) 78 91 38	: 7007573 32-129 35-162 35-157	-700757 18 21* 10	6 UNSPI 20 20 20	K: P008428			
Batch number: 130941848003 Iron Manganese	Sample 805 (2) 121	number(s) 723 (2) 112		-700757 2 3	6 UNSPI 20 20	X: P001875 39.6 1.12	BKG: P001875 45.8 1.19	15 6	20 20
Batch number: 13093655902A Chloride Nitrate Nitrogen Nitrite Nitrogen Sulfate	Sample 100 105 104 103	number(s)	: 7007573 90-110 90-110 90-110 90-110	-700757	6 UNSPI	K: P000909 6.8 0.65 N.D. 10.1	BKG: P000909 7.2 0.72 N.D. 10.2	6 (1) 9 (1) 0 (1) 1 (1)	20 20 20 20
Batch number: 13094049501A Dissolved Organic Carbon	Sample 101	number(s)	: 7007573 54-135	-700757	6 UNSPI	K: P005726	BKG: P005726 2.7	1 (1)	2
Batch number: 13093023502A Biochemical Oxygen Demand	Sample 110	number(s) 104	: 7007573 69-139	-700757 5	6 UNSPI 8	X: 7007575 1,050	BKG: P007726 1,080	3	15
Batch number: 13105400101A Chemical Oxygen Demand	Sample 90	number(s)	: 7007573 90-110	-700757	6 UNSPI	K: P009761 5,480	BKG: P009761 5,430	1	5

Surrogate Quality Control

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

Analysis Name: PPL + Xylene (total) by 8260 Batch number: L130981AA

baccii iiu	Dibromofluoromethane			4-Bromofluorobenzene						
7007573	105	102	97	96						
7007574	105	103	98	96						
7007575	107	103	97	96						
7007576	107	101	97	95						
7007577	106	104	96	95						
7007578	108	103	98	96						
Blank	105	103	98	97						
LCS	103	102	99	100						

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



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Quality Control Summary

Client Name: Atlantic Richfield(Parsons-NY) Group Number: 1379900

Reported: 04/15/13 at 06:10 PM

Surrogate Quality Control

MS	104	100	99	99
MSD	103	104	99	99
Limits:	80-116	77-113	80-113	78-113

Analysis Name: Volatile Headspace Hydrocarbon

Batch number: 131000026A

Propene

7007573	77
7007574	67
7007575	66
7007576	62
3lank	96
LCS	99
4S	59
MSD	69

Limits: 42-131

^{*-} 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.

Acc+#12495 Grp#1379900 Sample# 7007573-78

Laboratory Management Program LaMP Chain of Custody Record R211765

Page 1 of 3 BP Site Node Path: BP, Sanborn Req Due Date (mm/dd/yy): _____ Rush TAT: Yes ____ No ___ BP Facility No: Lab Work Order Number: Consultant/Contractor: Parsons Facility Address: 2040 Covy Dr. Lab Name: Lancuster Labs Lab Address 2425 New Holland Pike, Knowsfer, W 19601 City, State, ZIP Code: Sanborn, W 14132 Consultant/Contractor Project No: Address: 40 Caliviere D. Suto 350 Bettalo, NY 14202 Lead Regulatory Agency: NYSDEC Lab PM: Kaitlin Plasterer Consultant/Contractor PM: George Hermance

Phone: FIL 447_400.) Email: California Global ID No.: Lab Phone: 717 656-2300 Phone: (716 407 - 499) Enfos Proposal No: DOORY - 0004 Lab Shipping Acent: OOC-BU OOC-RM ____ Email EDD To: Corraine Weben and to lab.enfosdoc@bp.com Lab Bottle Order No: 136 WF Accounting Mode: (Provision Stage: 60 Invoice To: Contractor _ Other Info: Report Type & QC Level BP Project Manager (PM): Bill barber Matrix No. Containers / Preservative **Requested Analyses** Standard _____ (216) 271-8058 BP PM Phone: Full Data Package _ BP PM Email: Lab Comments Date Time **Sample Description** Methanol No. Note: If sample not collected, indicate "No Sample" in comments and single-strike out and initial any preprinted sample description. 4/02/13 B-39 1400 3 B-40 1245 Date Time Sampler's Name: Sichard C Bocken Relinquished By / Affiliation Date Accepted By / Affiliation Ulo2/13 1530 Sampler's Company: OHM Enterprises luc. 0+m Ship Date: 4 3 Shipment Method: FeD Ex Shipment Tracking No: 801301784612

THIS LINE - LAB USE ONLY: Custody Seals In Place, YESTNO

Special Instructions:

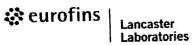
Temp Blank (Yes) / No

Cooler Temp on Receipt: 5.0 F/C | Trip Blank: Yes (No | MS/MSD Sample Submitted: Yes (No

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	Katlin Plasterer			Lead	Regula	tory Ag	jency:	N	/SD	EC.	•					Address: 40 Caliviere Dr. Sule 350 Buffalu, M14202								
	one: 717 656 - 7300			California Global ID No.:							Consultant/Contractor PM: Geoge Hernance													
Lab Shipping Accnt:				Enfos	s Propos	sal No:	Do	00B	34 - 6	တပ	54						Phone	171	37407	-499	υ	Email:		
Lab Bottle Order No: 136008											-	-BU	_ 00	C-RM					ro:Lom			and to la	ab.enfosdoc@	bp.com
Other Info:				Stage	e: 60)		Act	tivity: {	81								е То:			<i>كد</i>		r	
BP Project Manager (PM): Bill Barber					Matrix	(No	. Con	tainer	rs / P	rese	vative		-	F	ìequ	estec	l Anal	yses			Report Ty	/pe & QC L	evel
BP PM	Phone: (216) 271-8038	5												a g	17 PE							Sta	andard	
BP PM	Email:					ے ا	Container							The	7 PE							Full Data Pa	ackage	
Lab No.	Sample Description	Date	Time	Soil / Solid	Water / Liquid	Is this location a well	Total Number of Con	Unpreserved	H2SO4	HNO3	HCI	Methanol	\$260	Methon The	Chloride Orted Solface	DOC	김 의 저			Comments Note: If sample not collected, indicate "No Sample" in comments and single-strike out and initial any preprinted sample description.		trike out		
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Sample	er's Name: Richard (Be	cke_				Relin	quish	ed B	y / Aff	iliati	on		Da	ate	Tin	ne			Accept	ed By	/ Affil	iation	Date	Time
Sampler's Company: D-m Exterprises, INC.			<u> </u>	L	10.	<u> </u>	C_{ℓ}	<u>Sec</u>	by-				4/0	43	153	<u>د</u>								
Shipment Method: Fel Ex Ship Date: 4/02/13			lozlis												_					<u>a</u>	19			
Shipment Tracking No: 801301784612									,					Kristin lex [111 4-3-13 0915										
Speci	al Instructions:																			0				
THIS LINE - LAB USE ONLY: Custody Seals In Place: es No					Temp Blank (789)/ No Cooler Temp on Receipt: 5.0						١٥	_°F(Ĉ) [Trij	Blani	: Yes /	⊚ I	MS	/MSD Sample Sub	mitted: Yes	No			

Acc+ * 12495 Grp # 1379900 Sample # 7007573-78

Laboratory Management Program LaMP Chain of Custody Record R211767 Req Due Date (mm/dd/yy): ______ Rush TAT: Yes ____ No ____ BP Site Node Path: BP Somborn **BP Facility No:** Lab Work Order Number: Facility Address: 2040 Cory Dr. Lab Name: Lancaster Labs Consultant/Contractor: Lab Address: 2425 New Holland Pike; Concenter PA 17601 City, State, ZIP Code: Soulson, DY 14132 Consultant/Contractor Project No: Address: Walnere Dr. Suite 350 Bottalo, M14202 Lab PM: Kaiffine Plasterer Lead Regulatory Agency: NYSDFC Consultant/Contractor PM: George Hermance Lab Phone: 717 656-2300 California Global ID No.: Phone: (716) 407-4990 Enfos Proposal No: DooB4-004 Lab Shipping Acent: Lab Bottle Order No: 136<u>00</u>8 Accounting Mode: 16 Provision OOC-BU OOC-RM Email EDD To: Corrone Weben and to lab.enfosdoc@bp.com Stage: 50 Other Info: Activity: 8) Invoice To: Contractor _ BP Project Manager (PM): Bell Barker Matrix No. Containers / Preservative **Requested Analyses** Report Type & QC Level BP PM Phone: (211) 271-8038 Standard BP PM Email: Full Data Package __ Total Number Lab **Sample Description** Date Time BOD Comments Soil / Solid No. Note: If sample not collected, indicate "No Sample" in comments and single-strike out and initial any preprinted sample description. 4/2/13 1115 * ANALYSIS FER B-41 10945 R. BECKEN. KNP4/s/13 Sampler's Name: Richard & Rober Relinquished By / Affiliation Date Time Accepted By / Affiliation Date Time Sampler's Company: O+W Entenorises luc. Shipment Method: Fe D Ex Ship Date: 4/2/13 Shipment Tracking No: 801301784612 Special Instructions: Temp Blank (Yes / No Cooler Temp on Receipt: 5.0 F/O Trip Blank: Ye / No THIS LINE - LAB USE ONLY: Custody Seals In Place Yes No MS/MSD Sample Submitted: Yes No



Environmental Sample Administration Receipt Documentation Log

Source Code:		Custody * Custody s	screpancy se	ent *: YE	S NO noted in the
Time of Receipt:	emperature of np Bottle (TB) or face Temp (ST)	* Custody s dis Package Shipping Contain Wet Ice (WI) or Dry Ice (DI) or Ice Packs (IP)	seal was intac screpancy se :: ners lce Present?	Chilled Loose (L) Bagged Ice (B) or NA	noted in the Not Chille
Source Code:	emperature of np Bottle (TB) or face Temp (ST)	Package Shipping Contain Wet Ice (WI) or Dry Ice (DI) or Ice Packs (IP)	ners Ice Present?	Chilled Loose (L) Bagged Ice (B) or NA	Not Chille
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Cooler # Thermometer Temperature (°C) Temperature Temperature Temperature Temperature Temperature Temperature 3	np Bottle (TB) or face Temp (ST)	Wet Ice (WI) or Dry Ice (DI) or Ice Packs (IP)	Ice Present?	Bagged Ice (B) or NA	Comments
1 2737 5.0° 2 3	face Temp (ST)	Dry Ice (DI) or Ice Packs (IP)	Present?	Bagged Ice (B) or NA	Comments
3	TB	WI	У	В	
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Issued by Dept. 6042 Management



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)
С	degrees Celsius	F	degrees Fahrenheit
meq	milliequivalents	lb.	pound(s)
g	gram(s)	kg	kilogram(s)
μg	microgram(s)	mg	milligram(s)
mL	milliliter(s)	L	liter(s)
m3	cubic meter(s)	μL	microliter(s)
		pg/L	picogram/liter

- < less than The number following the sign is the <u>limit of quantitation</u>, 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 B C D	TIC is a possible aldol-condensation product Analyte was also detected in the blank Pesticide result confirmed by GC/MS Compound quantitated on a diluted sample	B E M N	Value is <crdl, but="" control="" due="" duplicate="" estimated="" injection="" interference="" limits<="" met="" not="" precision="" sample="" spike="" th="" to="" within="" ≥idl=""></crdl,>
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
		_	
Р	Concentration difference between primary and	W	Post digestion spike out of control limits
	confirmation columns >25%	*	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 meet all requirements of NELAC unless otherwise noted under the individual analysis.

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

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

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

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, and Lancaster hereby objects to any conflicting terms contained in any acceptance or order submitted by client.



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ANALYTICAL RESULTS

Prepared by:

Prepared for:

Eurofins Lancaster Laboratories 2425 New Holland Pike Lancaster, PA 17601 Atlantic Richfield(Parsons-NY) BP Corporation 501 WestLake Park Blvd Houston TX 77079

April 17, 2013

Project: BP Sanborn

Submittal Date: 04/04/2013 Group Number: 1380474 PO Number: D00B4-0004 Release Number: BARBER State of Sample Origin: NY

Client Sample Description	<u>Lancaster Labs (LLI) #</u>
B-13 Water	7010220
B-19 Water	7010221
B-48 Water	7010222
B-49 Water	7010223
Field Dup #1 Water	7010224
P-4 Water	7010225
P-3 Water	7010226

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

ELECTRONIC Parsons Attn: George Hermance

COPY TO

ELECTRONIC Parsons Attn: Lorraine Weber

COPY TO



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Respectfully Submitted,

Kaitlin N. Plasterer Specialist

Maither M. Pasterer

(717) 556-7323

Case Narrative



Project Name: BP Sanborn LLI Group #: 1380474

General Comments:

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

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

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

Project specific QC samples are not included in this data set

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

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

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

Trip blank vials were not received by the laboratory for this sample group.

Analysis Specific Comments:

SW-846 8260B, GC/MS Volatiles

Batch #: N130981AA (Sample number(s): 7010220-7010225 UNSPK: P8569)

The recovery(ies) for the following analyte(s) in the LCS exceeded the acceptance window indicating a positive bias: 1,1,1-Trichloroethane

The recovery(ies) for the following analyte(s) in the MS and/or MSD was outside the acceptance window: 1,1,1-Trichloroethane, Carbon Tetrachloride, Dibromochloromethane, 2-Chloroethyl Vinyl Ether

Batch #: N130982AA (Sample number(s): 7010226 UNSPK: P8885)

The recovery(ies) for the following analyte(s) in the MS and/or MSD was outside the acceptance window: cis-1,2-Dichloroethene, Carbon Tetrachloride, 2-Chloroethyl Vinyl Ether, 1,1,1-Trichloroethane, 1,2-Dichloroethane, Dibromochloromethane, Bromoform

Batch #: N130991AA (Sample number(s): 7010220 UNSPK: P3514)

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

Sample #s: 7010220, 7010225

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

<u>Sample #s: 7010224</u>

The LCS and/or LCSD recoveries are outside the stated QC window but within the marginal exceedance allowance of +/- 4 standard deviations as defined in the NELAC Standards. The following analytes are accepted based on this allowance: 1,1,1-trichloroethane. The concentration reported for trichloroethene is estimated since it exceeded the calibration range of the instrument in the initial determination. A diluted analysis (DF 10) was performed outside of the method specified holding time. This compound was detected at a concentration of 750 ug/l in the diluted determination. The result reported is from the initial determination.

RSKSOP-175 modified, GC Miscellaneous

Batch #: 131010014A (Sample number(s): 7010220-7010223 UNSPK: P9764)

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

EPA 410.4, Wet Chemistry

Batch #: 13099400102A (Sample number(s): 7010220-7010221 UNSPK: P9190 BKG: P9190)

The duplicate RPD for the following analyte(s) exceeded the acceptance window: Chemical Oxygen Demand
Batch #: 13099400102B (Sample number(s): 7010222-7010223 UNSPK: P11964 BKG: P9190)

The duplicate RPD for the following analyte(s) exceeded the acceptance window: Chemical Oxygen Demand

SM 5210 B-2001, Wet Chemistry

<u>Batch #: 13095023501A (Sample number(s): 7010220-7010223 UNSPK: P10181 BKG: P10180)</u>

The relative percent difference(s) for the following analyte(s) in the MS/MSD were outside acceptance windows: Biochemical Oxygen Demand

4/17/2013 6:42:27PM



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Sample Description: B-13 Water

BP Sanborn COC: 192460 2040 Cory Dr - Sanborn, NY LLI Sample # WW 7010220 LLI Group # 1380474

Account # 12495

Project Name: BP Sanborn

Submitted: 04/04/2013 15:00

Reported: 04/17/2013 18:39

Collected: 04/03/2013 09:35 by RCB Atlantic Richfield(Parsons-NY)

BP Corporation

501 WestLake Park Blvd

Houston TX 77079

SNB13

01754 Iron

CAT	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit*	As Received Limit of Quantitation	Dilution Factor
GC/MS	Volatiles SW-84	46 8260B	ug/l	ug/l	ug/l	
10335	Benzyl Chloride	100-44-7	N.D.	1.0	5.0	1
10335	Bromobenzene	108-86-1	N.D.	1.0	5.0	1
10335	Bromodichloromethane	75-27-4	N.D.	1.0	5.0	1
10335	Bromoform	75-25-2	N.D.	1.0	5.0	1
10335	Bromomethane	74-83-9	N.D.	1.0	5.0	1
10335	Carbon Tetrachloride	56-23-5	N.D.	1.0	5.0	1
10335	Chlorobenzene	108-90-7	N.D.	0.80	5.0	1
10335	Chloroethane	75-00-3	N.D.	1.0	5.0	1
10335	2-Chloroethyl Vinyl Ether	110-75-8	N.D.	2.0	10	1
10333	2-Chloroethyl vinyl ether				10	±
	preserve this sample.	may not be recovered	I II aciu was us	ed to		
10335	Chloroform	67-66-3	N.D.	0.80	5.0	1
	Chloromethane	74-87-3	N.D.			1
10335				1.0	5.0	
10335	Dibromochloromethane	124-48-1	N.D.	1.0	5.0	1
10335	Dibromomethane	74-95-3	N.D.	1.0	5.0	1
10335	1,2-Dichlorobenzene	95-50-1	N.D.	1.0	5.0	1
10335	1,3-Dichlorobenzene	541-73-1	N.D.	1.0	5.0	1
10335	1,4-Dichlorobenzene	106-46-7	N.D.	1.0	5.0	1
10335	Dichlorodifluoromethane	75-71-8	N.D.	2.0	5.0	1
10335	1,1-Dichloroethane	75-34-3	21	1.0	5.0	1
10335	1,2-Dichloroethane	107-06-2	N.D.	1.0	5.0	1
10335	1,1-Dichloroethene	75-35-4	3.6 J	0.80	5.0	1
10335	cis-1,2-Dichloroethene	156-59-2	370	8.0	50	10
10335	trans-1,2-Dichloroethene	156-60-5	4.6 J	0.80	5.0	1
10335	1,2-Dichloropropane	78-87-5	N.D.	1.0	5.0	1
10335	cis-1,3-Dichloropropene	10061-01-5	N.D.	1.0	5.0	1
10335	trans-1,3-Dichloropropene	10061-02-6	N.D.	1.0	5.0	1
10335	Methylene Chloride	75-09-2	N.D.	2.0	5.0	1
10335	1,1,1,2-Tetrachloroethane	630-20-6	N.D.	1.0	5.0	1
10335	1,1,2,2-Tetrachloroethane	79-34-5	N.D.	1.0	5.0	1
10335	Tetrachloroethene	127-18-4	N.D.	0.80	5.0	1
10335	1,1,1-Trichloroethane	71-55-6	4.0 J	0.80	5.0	1
10335	1,1,2-Trichloroethane	79-00-5	N.D.	0.80	5.0	1
10335	Trichloroethene	79-01-6	380	10	50	1.0
10335	Trichlorofluoromethane	75-69-4	N.D.	2.0	5.0	1
10335	1,2,3-Trichloropropane	96-18-4	N.D.	1.0	5.0	1
10335	Vinyl Chloride	75-01-4	32	1.0	5.0	1
	LCS and/or LCSD recoveries			1.0	5.0	<u> </u>
but devi	within the marginal exceeda ations as defined in the NE	nce allowance of $+/-$ LAC Standards. The	4 standard following			
anal	ytes are accepted based on	this allowance: 1,1,	1-trichloroetha	ne.		
GC Mi	scellaneous RSKS0	OP-175 modified	ug/l	ug/l	ug/l	
07105	Ethane	74-84-0	N.D.	1.0	5.0	1
07105	Ethene	74-85-1	N.D.	1.0	5.0	1
07105	Methane	74-82-8	N.D.	3.0	5.0	1
Metal	SW-84	16 6010B	mg/l	mg/l	mg/l	
	511 0		3 .	- -	J .	

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

0.484

0.0333

0.200

7439-89-6



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Sample Description: B-13 Water

BP Sanborn COC: 192460 2040 Cory Dr - Sanborn, NY LLI Sample # WW 7010220 LLI Group # 1380474 Account # 12495

Project Name: BP Sanborn

Submitted: 04/04/2013 15:00

Reported: 04/17/2013 18:39

Collected: 04/03/2013 09:35 by RCB Atlantic Richfield(Parsons-NY)

BP Corporation

501 WestLake Park Blvd

Houston TX 77079

SNB13

CAT No.	Analysis Name			CAS Number	As Rec Result	ceived	As Received Method Detection Limit*	As Received Limit of Quantitation	Dilution Factor
Metals	s S	SW-84	46 601	.0B	mg/l		mg/l	mg/l	
07058	Manganese			7439-96-5	0.022	L	0.00083	0.0050	1
Wet Ch	nemistry E	EPA 3	300.0		mg/l		mg/l	mg/l	
00224	Chloride			16887-00-6	39.5		4.0	8.0	20
00368	Nitrate Nitrogen			14797-55-8	0.34	J	0.25	0.50	5
01506	Nitrite Nitrogen			14797-65-0	N.D.		0.40	0.50	5
00228	Sulfate			14808-79-8	461		15.0	50.0	50
	E	EPA 4	415.1	modified	mg/l		mg/l	mg/l	
07547	Dissolved Organic Car	rbon		n.a.	1.8		0.50	1.0	1
	F	EPA 4	410.4		mg/l		mg/l	mg/l	
04001	Chemical Oxygen Deman	nd		n.a.	N.D.		12.8	50.0	1
	5	SM 52	210 B-	2001	mg/l		mg/l	mg/l	
00235	Biochemical Oxygen De		-	n.a.	N.D.		5.4	5.4	1

General Sample Comments

State of New York Certification No. 10670

Trip blank vials were not received by the laboratory for this sample group.

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

Laboratory Sample Analysis Record Method Trial# Batch# Analysis Name Analysis Analyst Dilution CAT No. Date and Time Factor SW-846 8260B N130981AA 10335 VOCs 8260 Parsons Specs 04/08/2013 15:07 Linda C Pape List SW-846 8260B N130991AA 04/09/2013 19:45 Linda C Pape 10335 VOCs 8260 Parsons Specs 10 List 01163 GC/MS VOA Water Prep SW-846 5030B 1 N130981AA 04/08/2013 15:07 Linda C Pape 1 01163 GC/MS VOA Water Prep SW-846 5030B N130991AA 04/09/2013 19:45 Linda C Pape 10 07105 Volatile Headspace Elizabeth J Marin RSKSOP-175 131010014A 1 04/12/2013 16:45 1 Hydrocarbon modified 01754 Iron SW-846 6010B 1 130981848004 04/14/2013 11:34 Eric L Eby 1 SW-846 6010B 130981848004 04/14/2013 11:34 04/09/2013 09:45 07058 Manganese Eric L Ebv 01848 WW SW846 ICP Digest (tot SW-846 3005A 130981848004 James L Mertz 1 rec) 00224 Chloride EPA 300.0 13095655901A 04/09/2013 14:32 Christopher D 20 00368 Nitrate Nitrogen EPA 300.0 13095655901A 04/05/2013 09:11 Christopher D Meeks



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Sample Description: B-13 Water

BP Sanborn COC: 192460 2040 Cory Dr - Sanborn, NY LLI Sample # WW 7010220 LLI Group # 1380474 Account # 12495

Project Name: BP Sanborn

Submitted: 04/04/2013 15:00

Reported: 04/17/2013 18:39

Collected: 04/03/2013 09:35 by RCB Atlantic Richfield(Parsons-NY)

BP Corporation

501 WestLake Park Blvd

Houston TX 77079

SNB13

Laboratory Sample Analysis Record									
CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Ti	me	Analyst	Dilution Factor	
01506	Nitrite Nitrogen	EPA 300.0	1	13095655901A	04/05/2013	09:11	Christopher D Meeks	5	
00228	Sulfate	EPA 300.0	1	13095655901A	04/09/2013	13:46	Christopher D Meeks	50	
07547	Dissolved Organic Carbon	EPA 415.1 modified	1	13101049501A	04/11/2013	03:49	James S Mathiot	1	
04001 00235	Chemical Oxygen Demand Biochemical Oxygen Demand	EPA 410.4 SM 5210 B-2001	1 1	13099400102A 13095023501A	04/09/2013 04/05/2013	20:23 07:14	Hannah M Royer Susan E Hibner	1 1	



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Sample Description: B-19 Water

BP Sanborn COC: 192460 2040 Cory Dr - Sanborn, NY LLI Sample # WW 7010221 LLI Group # 1380474 Account # 12495

Project Name: BP Sanborn

Submitted: 04/04/2013 15:00

Reported: 04/17/2013 18:39

Collected: 04/03/2013 11:05 by RCB Atlantic Richfield(Parsons-NY)

BP Corporation

501 WestLake Park Blvd

Houston TX 77079

SNB19

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit*	As Received Limit of Quantitation	Dilution Factor
GC/MS	Volatiles SW-84	6 8260B	ug/l	ug/l	ug/l	
10335	Benzyl Chloride	100-44-7	N.D.	1.0	5.0	1
10335	Bromobenzene	108-86-1	N.D.	1.0	5.0	1
10335	Bromodichloromethane	75-27-4	N.D.	1.0	5.0	1
10335	Bromoform	75-25-2	N.D.	1.0	5.0	1
10335	Bromomethane	74-83-9	N.D.	1.0	5.0	1
10335	Carbon Tetrachloride	56-23-5	N.D.	1.0	5.0	1
10335	Chlorobenzene	108-90-7	N.D.	0.80	5.0	1
10335	Chloroethane	75-00-3	N.D.	1.0	5.0	1
10335	2-Chloroethyl Vinyl Ether	110-75-8	N.D.	2.0	10	1
	2-Chloroethyl vinyl ether preserve this sample.	-				
10335	Chloroform	67-66-3	N.D.	0.80	5.0	1
10335	Chloromethane	74-87-3	N.D.	1.0	5.0	1
10335	Dibromochloromethane	124-48-1	N.D.	1.0	5.0	1
10335	Dibromomethane	74-95-3	N.D.	1.0	5.0	1
10335	1,2-Dichlorobenzene	95-50-1	N.D.	1.0	5.0	1
10335	1,3-Dichlorobenzene	541-73-1	N.D.	1.0	5.0	1
10335	1,4-Dichlorobenzene	106-46-7	N.D.	1.0	5.0	1
10335	Dichlorodifluoromethane	75-71-8	N.D.	2.0	5.0	1
10335	1,1-Dichloroethane	75-34-3	N.D.	1.0	5.0	1
10335	1,2-Dichloroethane	107-06-2	N.D.	1.0	5.0	1
10335	1,1-Dichloroethene	75-35-4	N.D.	0.80	5.0	1
10335	cis-1,2-Dichloroethene	156-59-2	2.5 J	0.80	5.0	1
10335	trans-1,2-Dichloroethene	156-60-5	N.D.	0.80	5.0	1
10335	1,2-Dichloropropane	78-87-5	N.D.	1.0	5.0	1
10335	cis-1,3-Dichloropropene	10061-01-5	N.D.	1.0	5.0	1
10335	trans-1,3-Dichloropropene	10061-02-6	N.D.	1.0	5.0	1
10335	Methylene Chloride	75-09-2	N.D.	2.0	5.0	1
10335	1,1,1,2-Tetrachloroethane	630-20-6	N.D.	1.0	5.0	1
10335	1,1,2,2-Tetrachloroethane	79-34-5	N.D.	1.0	5.0	1
10335	Tetrachloroethene	127-18-4	N.D.	0.80	5.0	1
10335	1,1,1-Trichloroethane	71-55-6	N.D.	0.80	5.0	1
10335	1,1,2-Trichloroethane	79-00-5	N.D.	0.80	5.0	1
10335	Trichloroethene	79-01-6	1.4 J	1.0	5.0	1
10335	Trichlorofluoromethane	75-69-4	N.D.	2.0	5.0	1
10335	1,2,3-Trichloropropane	96-18-4	N.D.	1.0	5.0	1
10335	Vinyl Chloride	75-01-4	N.D.	1.0	5.0	1
		P-175 modified	ug/l	ug/l	ug/l	
07105	Ethane	74-84-0	N.D.	1.0	5.0	1
07105	Ethene	74-85-1	N.D.	1.0	5.0	1
07105	Methane	74-82-8	N.D.	3.0	5.0	1
Metal		6 6010B	mg/l	mg/l	mg/l	
01754	Iron	7439-89-6	N.D.	0.0333	0.200	1
07058	Manganese	7439-96-5	0.00089 J	0.00083	0.0050	1
	hemistry EPA 3		mg/l	mg/l	mg/l	
00224	Chloride	16887-00-6	60.1	10.0	20.0	50

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



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Sample Description: B-19 Water

BP Sanborn COC: 192460 2040 Cory Dr - Sanborn, NY LLI Sample # WW 7010221 LLI Group # 1380474

Account # 12495

Project Name: BP Sanborn

Submitted: 04/04/2013 15:00

Reported: 04/17/2013 18:39

Collected: 04/03/2013 11:05 by RCB Atlantic Richfield(Parsons-NY)

BP Corporation

501 WestLake Park Blvd

Houston TX 77079

SNB19

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit*	As Received Limit of Quantitation	Dilution Factor
Wet Cl	hemistry EPA 300	.0	mg/l	mg/l	mg/l	
00368	Nitrate Nitrogen	14797-55-8	0.72	0.25	0.50	5
01506	Nitrite Nitrogen	14797-65-0	N.D.	0.40	0.50	5
00228	Sulfate	14808-79-8	343	15.0	50.0	50
	EPA 415	.1 modified	mg/l	mg/l	mg/l	
07547	Dissolved Organic Carbon	n.a.	1.9	0.50	1.0	1
	EPA 410	.4	mg/l	mg/l	mg/l	
04001	Chemical Oxygen Demand	n.a.	N.D.	12.8	50.0	1
	SM 5210	B-2001	mg/l	mg/l	mg/l	
00235	Biochemical Oxygen Demand	n.a.	2.7 J	0.80	3.0	1

General Sample Comments

State of New York Certification No. 10670

Trip blank vials were not received by the laboratory for this sample group.

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

Laboratory Sample Analysis Record Method Trial# Batch# Analysis Dilution CAT Analysis Name Analyst No. Date and Time Factor 10335 VOCs 8260 Parsons Specs SW-846 8260B N130981AA 04/08/2013 15:30 Linda C Pape List 01163 GC/MS VOA Water Prep SW-846 5030B N130981AA 04/08/2013 15:30 Linda C Pape 07105 Volatile Headspace RSKSOP-175 1 131010014A 04/12/2013 01:32 Elizabeth J Marin 1 Hydrocarbon modified 130981848004 01754 Iron SW-846 6010B 04/14/2013 11:38 Eric L Eby 07058 Manganese SW-846 6010B 1 130981848004 04/14/2013 11.38 Eric L Ebv 1 01848 WW SW846 ICP Digest (tot SW-846 3005A 1 130981848004 04/09/2013 09:45 James L Mertz 1 rec) 00224 Chloride EPA 300.0 13095655901A 04/09/2013 14:47 Christopher D Meeks 00368 Nitrate Nitrogen EPA 300.0 13095655901A 04/05/2013 09:27 Christopher D 5 Meeks 01506 Nitrite Nitrogen EPA 300.0 1 13095655901A 04/05/2013 09:27 Christopher D 5 Meeks 00228 Sulfate EPA 300.0 13095655901A 04/09/2013 14:47 Christopher D 50 Meeks 07547 Dissolved Organic Carbon EPA 415.1 modified 1 13101049501A 04/11/2013 04:35 James S Mathiot 1 04001 Chemical Oxygen Demand EPA 410.4 13099400102A 04/09/2013 20:23 Hannah M Royer 1 13095023501A 00235 Biochemical Oxygen Demand SM 5210 B-2001 Susan E Hibner 04/05/2013 07:14 1

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



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Sample Description: B-48 Water

BP Sanborn COC: 192459 2040 Cory Dr - Sanborn, NY LLI Sample # WW 7010222 LLI Group # 1380474 Account # 12495

Project Name: BP Sanborn

Submitted: 04/04/2013 15:00

Reported: 04/17/2013 18:39

Collected: 04/03/2013 12:00 by RCB Atlantic Richfield(Parsons-NY)

BP Corporation

501 WestLake Park Blvd

Houston TX 77079

SNB48

Second State Second State Second State Second State Second State Second State Second State Second State Second State Second State Second State Second State Second State Second State Second State Second State Second State Second State Second State Second State Second State Second State Second State Second State Second State Second State Second State Second State Second State Second State Second State Second State Second State Second State Second State Second State Second State Second State Second State Second State Second State Second State Second State Second State Second State Second State Second State Second State Second State Second State Second State Second State Second State Second State Second State Second State Second State Second State Second State Second State Second State Second State Second State Second State Second State Second State Second State Second State Second State Second State Second State Second State Second State Second State Second State Second State Second State Second State Second State Second State Second State Second State Second State Second State Second State Second State Second State Second State Second State Second State Second State Second State Second State Second State Second State Second State Second State Second State Second State Second State Second State Second State Second State Second State Second State Second State Second State Second State Second State Second State Second State Second State Second State Second State Second State Second State Second State Second State Second State Second State Second State Second State Second State Second State Second State Second State Second State Second State Second State Second State Second State Second State Second State Second State Second State Second State Seco	Factor
10335 Bromobenzene 108-86-1 N.D. 1.0 5.0 10335 Bromodichloromethane 75-27-4 N.D. 1.0 5.0 10335 Bromoform 75-25-2 N.D. 1.0 5.0 10335 Bromomethane 74-83-9 N.D. 1.0 5.0 10335 Carbon Tetrachloride 56-23-5 N.D. 1.0 5.0 10335 Chlorobenzene 108-90-7 N.D. 0.80 5.0 10335 Chloroethyl Vinyl Ether 110-75-8 N.D. 1.0 5.0 10335 Chloroethyl vinyl ether may not be recovered if acid was used to preserve this sample. 5.0 1.0 5.0 10335 Chloroform 67-66-3 N.D. 0.80 5.0 10335 Chloromethane 74-87-3 N.D. 1.0 5.0 10335 Dibromochloromethane 124-48-1 N.D. 1.0 5.0 10335 Dibromochlorobenzene 95-50-1 N.D. 1.0 5.0 <	
10335 Bromodichloromethane 75-27-4 N.D. 1.0 5.0 10335 Bromoform 75-25-2 N.D. 1.0 5.0 10335 Bromomethane 74-83-9 N.D. 1.0 5.0 10335 Carbon Tetrachloride 56-23-5 N.D. 1.0 5.0 10335 Chlorobenzene 108-90-7 N.D. 0.80 5.0 10335 Chloroethane 75-00-3 N.D. 1.0 5.0 10335 Chloroethyl Vinyl Ether 110-75-8 N.D. 2.0 10 2-Chloroethyl vinyl ether may not preserve this sample. 10 2.0 10 10335 Chloroform 67-66-3 N.D. 0.80 5.0 10335 Chloromethane 74-87-3 N.D. 1.0 5.0 10335 Dibromothlane 74-95-3 N.D. 1.0 5.0 10335 1,2-Dichlorobenzene 541-73-1 N.D. 1.0 5.0 10335 1,2-Dichlorodifluoromethane	1
### Bromoform 75-25-2 N.D. 1.0 5.0 ### Stommomethane 74-83-9 N.D. 1.0 5.0 ### Stommomethane 74-83-9 N.D. 1.0 5.0 ### Stommomethane 108-90-7 N.D. 1.0 5.0 ### Stommomethane 108-90-7 N.D. 1.0 5.0 ### Stommomethane 75-00-3 N.D. 1.0 5.0 ### Stommomethane 10-75-8 N.D. 2.0 10 ### 2-Chloroethyl Vinyl Ether 110-75-8 N.D. 2.0 10 ### 2-Chloroethyl Vinyl ether may not be recovered if acid was used to preserve this sample. ### Stommomethane 74-87-3 N.D. 1.0 5.0 ### Stommomethane 74-87-3 N.D. 1.0 5.0 ### Stommomethane 74-95-3 N.D. 1.0 5.0 ### Stommomethane 74-95-3 N.D. 1.0 5.0 ### Stommomethane 74-95-3 N.D. 1.0 5.0 ### Stommomethane 541-73-1 N.D. 1.0 5.0 ### Stommomethane 106-46-7 N.D. 1.0 5.0 ### Stommomethane 106-46-7 N.D. 1.0 5.0 ### Stommomethane 75-71-8 N.D. 1.0 5.0 ### Stommomethane 75-71-8 N.D. 1.0 5.0 ### Stommomethane 75-34-3 N.D. 1.0 5.0 ### Stommomethane 75-34-3 N.D. 1.0 5.0 ### Stommomethane 75-35-4 N.D. 0.80 5.0 ### Stommo	1
10335 Bromomethane	1
10335 Bromomethane	1
Carbon Tetrachloride	1
Chlorobenzene	1
Chloroethane	1
2-Chloroethyl Vinyl Ether 110-75-8 N.D. 2.0 10 2-Chloroethyl vinyl ether may not be recovered if acid was used to preserve this sample. 10335 Chloroform 67-66-3 N.D. 0.80 5.0 10335 Chloromethane 74-87-3 N.D. 1.0 5.0 10335 Dibromochloromethane 124-48-1 N.D. 1.0 5.0 10335 Dibromomethane 74-95-3 N.D. 1.0 5.0 10335 1,2-Dichlorobenzene 95-50-1 N.D. 1.0 5.0 10335 1,3-Dichlorobenzene 541-73-1 N.D. 1.0 5.0 10335 1,4-Dichlorobenzene 106-46-7 N.D. 1.0 5.0 10335 1,1-Dichloroethane 75-71-8 N.D. 2.0 5.0 10335 1,1-Dichloroethane 75-34-3 N.D. 1.0 5.0 10335 1,2-Dichloroethane 75-34-3 N.D. 1.0 5.0 10335 1,2-Dichloroethane 75-35-4 N.D. 1.0 5.0 10335 1,2-Dichloroethene 75-35-4 N.D. 0.80 5.0 10335 cis-1,2-Dichloroethene 75-35-4 N.D. 0.80 5.0	1
2-Chloroethyl vinyl ether may not be recovered if acid was used to preserve this sample. 10335 Chloroform 67-66-3 N.D. 0.80 5.0 10335 Chloromethane 74-87-3 N.D. 1.0 5.0 10335 Dibromochloromethane 124-48-1 N.D. 1.0 5.0 10335 Dibromomethane 74-95-3 N.D. 1.0 5.0 10335 1,2-Dichlorobenzene 95-50-1 N.D. 1.0 5.0 10335 1,3-Dichlorobenzene 95-50-1 N.D. 1.0 5.0 10335 1,3-Dichlorobenzene 106-46-7 N.D. 1.0 5.0 10335 1,4-Dichlorobenzene 106-46-7 N.D. 1.0 5.0 10335 1,1-Dichloroethane 75-71-8 N.D. 2.0 5.0 10335 1,1-Dichloroethane 75-34-3 N.D. 1.0 5.0 10335 1,2-Dichloroethane 75-34-3 N.D. 1.0 5.0 10335 1,2-Dichloroethane 75-35-4 N.D. 1.0 5.0 10335 1,1-Dichloroethane 107-06-2 N.D. 1.0 5.0 10335 1,1-Dichloroethene 156-59-2 N.D. 0.80 5.0 10335 cis-1,2-Dichloroethene 156-59-2 N.D. 0.80 5.0	1
preserve this sample. 10335 Chloroform 67-66-3 N.D. 0.80 5.0 10335 Chloromethane 74-87-3 N.D. 1.0 5.0 10335 Dibromochloromethane 124-48-1 N.D. 1.0 5.0 10335 Dibromomethane 74-95-3 N.D. 1.0 5.0 10335 1,2-Dichlorobenzene 95-50-1 N.D. 1.0 5.0 10335 1,3-Dichlorobenzene 541-73-1 N.D. 1.0 5.0 10335 1,4-Dichlorobenzene 106-46-7 N.D. 1.0 5.0 10335 1,4-Dichlorodifluoromethane 75-71-8 N.D. 2.0 5.0 10335 1,1-Dichloroethane 75-34-3 N.D. 1.0 5.0 10335 1,2-Dichloroethane 75-34-3 N.D. 1.0 5.0 10335 1,1-Dichloroethane 75-34-4 N.D. 1.0 5.0 10335 1,1-Dichloroethane 107-06-2 N.D. 1.0 5.0 10335 1,1-Dichloroethene 156-59-2 N.D. 0.80 5.0	-
10335 Chloroform 67-66-3 N.D. 0.80 5.0 10335 Chloromethane 74-87-3 N.D. 1.0 5.0 10335 Dibromochloromethane 124-48-1 N.D. 1.0 5.0 10335 Dibromomethane 74-95-3 N.D. 1.0 5.0 10335 1,2-Dichlorobenzene 95-50-1 N.D. 1.0 5.0 10335 1,3-Dichlorobenzene 541-73-1 N.D. 1.0 5.0 10335 1,4-Dichlorobenzene 106-46-7 N.D. 1.0 5.0 10335 Dichlorodifluoromethane 75-71-8 N.D. 2.0 5.0 10335 1,1-Dichloroethane 75-34-3 N.D. 1.0 5.0 10335 1,2-Dichloroethane 107-06-2 N.D. 1.0 5.0 10335 1,1-Dichloroethene 75-35-4 N.D. 0.80 5.0 10335 cis-1,2-Dichloroethene 156-59-2 N.D. 0.80 5.0	
10335 Chloromethane 74-87-3 N.D. 1.0 5.0 10335 Dibromochloromethane 124-48-1 N.D. 1.0 5.0 10335 Dibromomethane 74-95-3 N.D. 1.0 5.0 10335 1,2-Dichlorobenzene 95-50-1 N.D. 1.0 5.0 10335 1,3-Dichlorobenzene 541-73-1 N.D. 1.0 5.0 10335 1,4-Dichlorobenzene 106-46-7 N.D. 1.0 5.0 10335 Dichlorodifluoromethane 75-71-8 N.D. 2.0 5.0 10335 1,1-Dichloroethane 75-34-3 N.D. 1.0 5.0 10335 1,2-Dichloroethane 107-06-2 N.D. 1.0 5.0 10335 1,1-Dichloroethene 75-35-4 N.D. 0.80 5.0 10335 cis-1,2-Dichloroethene 156-59-2 N.D. 0.80 5.0	1
10335 Dibromochloromethane 124-48-1 N.D. 1.0 5.0 10335 Dibromomethane 74-95-3 N.D. 1.0 5.0 10335 1,2-Dichlorobenzene 95-50-1 N.D. 1.0 5.0 10335 1,3-Dichlorobenzene 541-73-1 N.D. 1.0 5.0 10335 1,4-Dichlorobenzene 106-46-7 N.D. 1.0 5.0 10335 Dichlorodifluoromethane 75-71-8 N.D. 2.0 5.0 10335 1,1-Dichloroethane 75-34-3 N.D. 1.0 5.0 10335 1,2-Dichloroethane 107-06-2 N.D. 1.0 5.0 10335 1,1-Dichloroethene 75-35-4 N.D. 0.80 5.0 10335 cis-1,2-Dichloroethene 156-59-2 N.D. 0.80 5.0	1
10335 Dibromomethane 74-95-3 N.D. 1.0 5.0 10335 1,2-Dichlorobenzene 95-50-1 N.D. 1.0 5.0 10335 1,3-Dichlorobenzene 541-73-1 N.D. 1.0 5.0 10335 1,4-Dichlorobenzene 106-46-7 N.D. 1.0 5.0 10335 Dichlorodifluoromethane 75-71-8 N.D. 2.0 5.0 10335 1,1-Dichloroethane 75-34-3 N.D. 1.0 5.0 10335 1,2-Dichloroethane 107-06-2 N.D. 1.0 5.0 10335 1,1-Dichloroethene 75-35-4 N.D. 0.80 5.0 10335 cis-1,2-Dichloroethene 156-59-2 N.D. 0.80 5.0	1
10335 1,2-Dichlorobenzene 95-50-1 N.D. 1.0 5.0 10335 1,3-Dichlorobenzene 541-73-1 N.D. 1.0 5.0 10335 1,4-Dichlorobenzene 106-46-7 N.D. 1.0 5.0 10335 Dichlorodifluoromethane 75-71-8 N.D. 2.0 5.0 10335 1,1-Dichloroethane 75-34-3 N.D. 1.0 5.0 10335 1,2-Dichloroethane 107-06-2 N.D. 1.0 5.0 10335 1,1-Dichloroethene 75-35-4 N.D. 0.80 5.0 10335 cis-1,2-Dichloroethene 156-59-2 N.D. 0.80 5.0	1
10335 1,3-Dichlorobenzene 541-73-1 N.D. 1.0 5.0 10335 1,4-Dichlorobenzene 106-46-7 N.D. 1.0 5.0 10335 Dichlorodifluoromethane 75-71-8 N.D. 2.0 5.0 10335 1,1-Dichloroethane 75-34-3 N.D. 1.0 5.0 10335 1,2-Dichloroethane 107-06-2 N.D. 1.0 5.0 10335 1,1-Dichloroethene 75-35-4 N.D. 0.80 5.0 10335 cis-1,2-Dichloroethene 156-59-2 N.D. 0.80 5.0	1
10335 1,4-Dichlorobenzene 106-46-7 N.D. 1.0 5.0 10335 Dichlorodifluoromethane 75-71-8 N.D. 2.0 5.0 10335 1,1-Dichloroethane 75-34-3 N.D. 1.0 5.0 10335 1,2-Dichloroethane 107-06-2 N.D. 1.0 5.0 10335 1,1-Dichloroethene 75-35-4 N.D. 0.80 5.0 10335 cis-1,2-Dichloroethene 156-59-2 N.D. 0.80 5.0	1
10335 Dichlorodifluoromethane 75-71-8 N.D. 2.0 5.0 10335 1,1-Dichloroethane 75-34-3 N.D. 1.0 5.0 10335 1,2-Dichloroethane 107-06-2 N.D. 1.0 5.0 10335 1,1-Dichloroethene 75-35-4 N.D. 0.80 5.0 10335 cis-1,2-Dichloroethene 156-59-2 N.D. 0.80 5.0	
10335 1,1-Dichloroethane 75-34-3 N.D. 1.0 5.0 10335 1,2-Dichloroethane 107-06-2 N.D. 1.0 5.0 10335 1,1-Dichloroethene 75-35-4 N.D. 0.80 5.0 10335 cis-1,2-Dichloroethene 156-59-2 N.D. 0.80 5.0	1
10335 1,2-Dichloroethane 107-06-2 N.D. 1.0 5.0 10335 1,1-Dichloroethene 75-35-4 N.D. 0.80 5.0 10335 cis-1,2-Dichloroethene 156-59-2 N.D. 0.80 5.0	1
10335 1,1-Dichloroethene 75-35-4 N.D. 0.80 5.0 10335 cis-1,2-Dichloroethene 156-59-2 N.D. 0.80 5.0	1
10335 cis-1,2-Dichloroethene 156-59-2 N.D. 0.80 5.0	1
, ,	1
1022E trang 1.2 Dightoroothono 1E6 60 E N.D. 000	1
	1
10335 1,2-Dichloropropane 78-87-5 N.D. 1.0 5.0	1
10335 cis-1,3-Dichloropropene 10061-01-5 N.D. 1.0 5.0	1
10335 trans-1,3-Dichloropropene 10061-02-6 N.D. 1.0 5.0	1
10335 Methylene Chloride 75-09-2 N.D. 2.0 5.0	1
10335 1,1,1,2-Tetrachloroethane 630-20-6 N.D. 1.0 5.0	1
10335 1,1,2,2-Tetrachloroethane 79-34-5 N.D. 1.0 5.0	1
10335 Tetrachloroethene 127-18-4 N.D. 0.80 5.0	1
10335 1,1,1-Trichloroethane 71-55-6 N.D. 0.80 5.0	1
10335 1,1,2-Trichloroethane 79-00-5 N.D. 0.80 5.0	1
10335 Trichloroethene 79-01-6 1.8 J 1.0 5.0	1
10335 Trichlorofluoromethane 75-69-4 N.D. 2.0 5.0	1
10335 1,2,3-Trichloropropane 96-18-4 N.D. 1.0 5.0	1
10335 Vinyl Chloride 75-01-4 N.D. 1.0 5.0	1
GC Miscellaneous RSKSOP-175 modified ug/l ug/l ug/l	
07105 Ethane 74-84-0 N.D. 1.0 5.0	1
07105 Ethene 74-84-0 N.D. 1.0 5.0	1
07105 Methane 74-82-8 N.D. 3.0 5.0	1
Metals SW-846 6010B mg/l mg/l mg/l mg/l	
01754 Iron 7439-89-6 N.D. 0.0333 0.200	1
07058 Manganese 7439-96-5 0.0118 0.00083 0.0050	1
Wet Chemistry EPA 300.0 mg/l mg/l mg/l	
00224 Chloride 16887-00-6 50.8 4.0 8.0	

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



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Sample Description: B-48 Water

BP Sanborn COC: 192459 2040 Cory Dr - Sanborn, NY LLI Sample # WW 7010222

LLI Group # 1380474 Account # 12495

Project Name: BP Sanborn

Submitted: 04/04/2013 15:00

Reported: 04/17/2013 18:39

Collected: 04/03/2013 12:00 by RCB Atlantic Richfield(Parsons-NY)

BP Corporation

501 WestLake Park Blvd

Houston TX 77079

SNB48

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit*	As Received Limit of Quantitation	Dilution Factor
Wet Cl	hemistry EPA 300.0		mg/l	mg/l	mg/l	
00368	Nitrate Nitrogen	14797-55-8	2.4	0.25	0.50	5
01506	Nitrite Nitrogen	14797-65-0	N.D.	0.40	0.50	5
00228	Sulfate	14808-79-8	102	6.0	20.0	20
	EPA 415.1	modified	mg/l	mg/l	mg/l	
07547	Dissolved Organic Carbon	n.a.	2.0	0.50	1.0	1
	EPA 410.4		mg/l	mg/l	mg/l	
04001	Chemical Oxygen Demand	n.a.	N.D.	12.8	50.0	1
	SM 5210 B	-2001	mg/l	mg/l	mg/l	
00235	Biochemical Oxygen Demand	n.a.	N.D.	3.8	3.8	1

General Sample Comments

State of New York Certification No. 10670

Trip blank vials were not received by the laboratory for this sample group.

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

Laboratory	Sa	mple	Analysis	Record
Tria	1#	Batch:	#	Analysis

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Ti	me	Analyst	Dilution Factor
10335	VOCs 8260 Parsons Specs List	SW-846 8260B	1	N130981AA	04/08/2013	15:54	Linda C Pape	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	N130981AA	04/08/2013	15:54	Linda C Pape	1
07105	Volatile Headspace Hydrocarbon	RSKSOP-175 modified	1	131010014A	04/12/2013	01:50	Elizabeth J Marin	1
01754	Iron	SW-846 6010B	1	130981848004	04/14/2013	11:43	Eric L Eby	1
07058	Manganese	SW-846 6010B	1	130981848004	04/14/2013	11:43	Eric L Eby	1
01848	WW SW846 ICP Digest (tot rec)	SW-846 3005A	1	130981848004	04/09/2013	09:45	James L Mertz	1
00224	Chloride	EPA 300.0	1	13095655901A	04/09/2013	15:02	Christopher D Meeks	20
00368	Nitrate Nitrogen	EPA 300.0	1	13095655901A	04/05/2013	09:57	Christopher D Meeks	5
01506	Nitrite Nitrogen	EPA 300.0	1	13095655901A	04/05/2013	09:57	Christopher D Meeks	5
00228	Sulfate	EPA 300.0	1	13095655901A	04/09/2013	15:02	Christopher D Meeks	20
07547	Dissolved Organic Carbon	EPA 415.1 modified	1	13101049501A	04/11/2013	04:50	James S Mathiot	1
04001	Chemical Oxygen Demand	EPA 410.4	1	13099400102B	04/09/2013	20:23	Hannah M Royer	1
00235	Biochemical Oxygen Demand	SM 5210 B-2001	1	13095023501A	04/05/2013	07:14	Susan E Hibner	1

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



2425 New Holland Pike, Lancaster, PA 17601 • 717-656-2300 • Fax; 717-656-2681 • www.LancasterLabs.com

Sample Description: B-49 Water

BP Sanborn COC: 192464 2040 Cory Dr - Sanborn, NY LLI Sample # WW 7010223 LLI Group # 1380474 Account # 12495

Project Name: BP Sanborn

Submitted: 04/04/2013 15:00

Reported: 04/17/2013 18:39

Collected: 04/03/2013 13:25 by RCB Atlantic Richfield(Parsons-NY)

BP Corporation

501 WestLake Park Blvd

Houston TX 77079

SNB49

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit*	As Received Limit of Quantitation	Dilution Factor
GC/MS	Volatiles SW	I-846 8260B	ug/l	ug/l	ug/l	
10335	Benzyl Chloride	100-44-7	N.D.	1.0	5.0	1
10335	Bromobenzene	108-86-1	N.D.	1.0	5.0	1
10335	Bromodichloromethane	75-27-4	N.D.	1.0	5.0	1
10335	Bromoform	75-25-2	N.D.	1.0	5.0	1
10335	Bromomethane	74-83-9	N.D.	1.0	5.0	1
10335	Carbon Tetrachloride	56-23-5	N.D.	1.0	5.0	1
10335	Chlorobenzene	108-90-7	N.D.	0.80	5.0	1
10335	Chloroethane	75-00-3	N.D.	1.0	5.0	1
10335	2-Chloroethyl Vinyl Etl		N.D.	2.0	10	1
	2-Chloroethyl vinyl etl					_
	preserve this sample.	De recovere	ou ii acia was us			
10335	Chloroform	67-66-3	N.D.	0.80	5.0	1
10335	Chloromethane	74-87-3	N.D.	1.0	5.0	1
10335	Dibromochloromethane	124-48-1	N.D.	1.0	5.0	1
10335	Dibromomethane	74-95-3	N.D.	1.0	5.0	1
10335	1,2-Dichlorobenzene	95-50-1	N.D.	1.0	5.0	1
10335	1,3-Dichlorobenzene	541-73-1	N.D.		5.0	1
10335	1,4-Dichlorobenzene	106-46-7	N.D.	1.0	5.0	1
	•					1
10335	Dichlorodifluoromethane		N.D.	2.0	5.0	1
10335	1,1-Dichloroethane	75-34-3	N.D.	1.0	5.0	
10335	1,2-Dichloroethane	107-06-2	N.D.	1.0	5.0	1
10335	1,1-Dichloroethene	75-35-4	N.D.	0.80	5.0	1
10335	cis-1,2-Dichloroethene	156-59-2	N.D.	0.80	5.0	1
10335	trans-1,2-Dichloroether		N.D.	0.80	5.0	1
10335	1,2-Dichloropropane	78-87-5	N.D.	1.0	5.0	1
10335	cis-1,3-Dichloropropen		N.D.	1.0	5.0	1
10335	trans-1,3-Dichloroprope		N.D.	1.0	5.0	1
10335	Methylene Chloride	75-09-2	N.D.	2.0	5.0	1
10335	1,1,1,2-Tetrachloroetha		N.D.	1.0	5.0	1
10335	1,1,2,2-Tetrachloroetha		N.D.	1.0	5.0	1
10335	Tetrachloroethene	127-18-4	N.D.	0.80	5.0	1
10335	1,1,1-Trichloroethane	71-55-6	N.D.	0.80	5.0	1
10335	1,1,2-Trichloroethane	79-00-5	N.D.	0.80	5.0	1
10335	Trichloroethene	79-01-6	N.D.	1.0	5.0	1
10335	Trichlorofluoromethane	75-69-4	N.D.	2.0	5.0	1
10335	1,2,3-Trichloropropane	96-18-4	N.D.	1.0	5.0	1
10335	Vinyl Chloride	75-01-4	N.D.	1.0	5.0	1
C Mis	scellaneous RS	KSOP-175 modified	ug/l	ug/l	ug/l	
07105	Ethane	74-84-0	5.9	1.0	5.0	1
07105	Ethene	74-85-1	N.D.	1.0	5.0	1
07105	Methane	74-82-8	19	3.0	5.0	1
[etals	s SW	7-846 6010B	mg/l	mg/l	mg/l	
01754	Iron	7439-89-6	N.D.	0.0333	0.200	1
07058	Manganese	7439-89-6	0.0182	0.00083	0.0050	1
	nemistry EP	A 300.0	mg/l	mg/l	/1	
					mg/l	

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



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Sample Description: B-49 Water

BP Sanborn COC: 192464 2040 Cory Dr - Sanborn, NY LLI Sample # WW 7010223

LLI Group # 1380474

Account # 12495

Project Name: BP Sanborn

Submitted: 04/04/2013 15:00

Reported: 04/17/2013 18:39

Collected: 04/03/2013 13:25 by RCB Atlantic Richfield(Parsons-NY)

BP Corporation

501 WestLake Park Blvd

Houston TX 77079

SNB49

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit*	As Received Limit of Quantitation	Dilution Factor
Wet Cl	hemistry EPA 300.	. 0	mg/l	mg/l	mg/l	
00368	Nitrate Nitrogen	14797-55-8	0.58	0.25	0.50	5
01506	Nitrite Nitrogen	14797-65-0	N.D.	0.40	0.50	5
00228	Sulfate	14808-79-8	1,690	150	500	500
	EPA 415.	1 modified	mg/l	mg/l	mg/l	
07547	Dissolved Organic Carbon	n.a.	1.6	0.50	1.0	1
	EPA 410.	. 4	mg/l	mg/l	mg/l	
04001	Chemical Oxygen Demand	n.a.	70.9	12.8	50.0	1
	SM 5210	B-2001	mg/l	mg/l	mg/l	
00235	Biochemical Oxygen Demand	n.a.	19.4	0.80	3.0	1

General Sample Comments

State of New York Certification No. 10670

Trip blank vials were not received by the laboratory for this sample group.

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

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Ti	me	Analyst	Dilution Factor
10335	VOCs 8260 Parsons Specs List	SW-846 8260B	1	N130981AA	04/08/2013	16:18	Linda C Pape	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	N130981AA	04/08/2013	16:18	Linda C Pape	1
07105	Volatile Headspace Hydrocarbon	RSKSOP-175 modified	1	131010014A	04/12/2013	02:08	Elizabeth J Marin	1
01754	Iron	SW-846 6010B	1	130981848004	04/14/2013	11:47	Eric L Eby	1
07058	Manganese	SW-846 6010B	1	130981848004	04/14/2013	11:47	Eric L Eby	1
01848	WW SW846 ICP Digest (tot rec)	SW-846 3005A	1	130981848004	04/09/2013	09:45	James L Mertz	1
00224	Chloride	EPA 300.0	1	13095655901A	04/05/2013	10:12	Christopher D Meeks	5
00368	Nitrate Nitrogen	EPA 300.0	1	13095655901A	04/05/2013	10:12	Christopher D Meeks	5
01506	Nitrite Nitrogen	EPA 300.0	1	13095655901A	04/05/2013	10:12	Christopher D Meeks	5
00228	Sulfate	EPA 300.0	1	13095655901A	04/09/2013	15:18	Christopher D Meeks	500
07547	Dissolved Organic Carbon	EPA 415.1 modified	1	13101049501A	04/11/2013	05:05	James S Mathiot	1
04001 00235	Chemical Oxygen Demand Biochemical Oxygen Demand	EPA 410.4 SM 5210 B-2001	1 1	13099400102B 13095023501A	04/09/2013 04/05/2013	20:23 07:14	Hannah M Royer Susan E Hibner	1 1
					,, 2010			



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Sample Description: Field Dup #1 Water

BP Sanborn COC: 192464 2040 Cory Dr - Sanborn, NY LLI Sample # WW 7010224 LLI Group # 1380474 Account # 12495

Project Name: BP Sanborn

Submitted: 04/04/2013 15:00

Reported: 04/17/2013 18:39

Collected: 04/03/2013 by RCB Atlantic Richfield(Parsons-NY)

BP Corporation

501 WestLake Park Blvd

Houston TX 77079

SNBD1

CAT No.	Analysis Name		CAS Number	As Rece Result	eived	As Received Method Detection Limit*	As Received Limit of Quantitation	Dilution Factor
GC/MS	Volatiles	SW-846	8260B	ug/l		ug/l	ug/l	
10335	Benzyl Chloride		100-44-7	N.D.		1.0	5.0	1
10335	Bromobenzene		108-86-1	N.D.		1.0	5.0	1
10335	Bromodichloromethane	9	75-27-4	N.D.		1.0	5.0	1
10335	Bromoform		75-25-2	N.D.		1.0	5.0	1
10335	Bromomethane		74-83-9	N.D.		1.0	5.0	1
10335	Carbon Tetrachloride	9	56-23-5	N.D.		1.0	5.0	1
10335	Chlorobenzene		108-90-7	N.D.		0.80	5.0	1
10335	Chloroethane		75-00-3	1.0	J	1.0	5.0	1
10335	2-Chloroethyl Vinyl	Ether	110-75-8	N.D.		2.0	10	1
	2-Chloroethyl vinyl preserve this sample		y not be recovere	d if acid	was us	ed to		
10335	Chloroform		67-66-3	N.D.		0.80	5.0	1
10335	Chloromethane		74-87-3	N.D.		1.0	5.0	1
10335	Dibromochloromethane	9	124-48-1	N.D.		1.0	5.0	1
10335	Dibromomethane		74-95-3	N.D.		1.0	5.0	1
10335	1,2-Dichlorobenzene		95-50-1	N.D.		1.0	5.0	1
10335	1,3-Dichlorobenzene		541-73-1	N.D.		1.0	5.0	1
10335	1,4-Dichlorobenzene		106-46-7	N.D.		1.0	5.0	1
10335	Dichlorodifluorometh	nane	75-71-8	N.D.		2.0	5.0	1
10335	1,1-Dichloroethane		75-34-3	30		1.0	5.0	1
10335	1,2-Dichloroethane		107-06-2	N.D.		1.0	5.0	1
10335	1,1-Dichloroethene		75-35-4	N.D.		0.80	5.0	1
10335	cis-1,2-Dichloroethe		156-59-2	260		0.80	5.0	1
10335	trans-1,2-Dichloroet	hene	156-60-5	1.4	J	0.80	5.0	1
10335	1,2-Dichloropropane		78-87-5	N.D.		1.0	5.0	1
10335	cis-1,3-Dichloropro		10061-01-5	N.D.		1.0	5.0	1
10335	trans-1,3-Dichlorop	ropene	10061-02-6	N.D.		1.0	5.0	1
10335	Methylene Chloride		75-09-2	N.D.		2.0	5.0	1
10335	1,1,1,2-Tetrachloro		630-20-6	N.D.		1.0	5.0	1
10335	1,1,2,2-Tetrachloro	ethane	79-34-5	N.D.		1.0	5.0	1
10335	Tetrachloroethene		127-18-4	4.2	J	0.80	5.0	1
10335	1,1,1-Trichloroethan		71-55-6	5.8		0.80	5.0	1
10335	1,1,2-Trichloroetha	ne	79-00-5	N.D.		0.80	5.0	1
10335	Trichloroethene		79-01-6	880	E	1.0	5.0	1
10335	Trichlorofluorometha		75-69-4	N.D.		2.0	5.0	1
10335	1,2,3-Trichloropropa	ane	96-18-4	N.D.		1.0	5.0	1
10335	Vinyl Chloride		75-01-4	14		1.0	5.0	1

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

The concentration reported for trichloroethene is estimated since it exceeded the calibration range of the instrument in the initial determination. A diluted analysis (DF 10) was performed outside of the method specified holding time. This compound was detected at a concentration of 750 ug/l in the diluted determination. The result reported is from the initial determination.



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Sample Description: Field Dup #1 Water

BP Sanborn COC: 192464 2040 Cory Dr - Sanborn, NY LLI Sample # WW 7010224 LLI Group # 1380474 Account # 12495

Project Name: BP Sanborn

Collected: 04/03/2013 by RCB Atlantic Richfield(Parsons-NY)

BP Corporation

501 WestLake Park Blvd

Houston TX 77079

Submitted: 04/04/2013 15:00

Reported: 04/17/2013 18:39

SNBD1

General Sample Comments

State of New York Certification No. 10670 Trip blank vials were not received by the laboratory for this sample group.

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

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
10335	VOCs 8260 Parsons Specs	SW-846 8260B	1	N130981AA	04/08/2013 19:00	Linda C Pape	1
01163	List GC/MS VOA Water Prep	SW-846 5030B	1	N130981AA	04/08/2013 19:00	Linda C Pape	1



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Sample Description: P-4 Water

BP Sanborn COC: 192464 2040 Cory Dr - Sanborn, NY LLI Sample # WW 7010225

LLI Group # 1380474 Account # 12495

Project Name: BP Sanborn

Submitted: 04/04/2013 15:00

Reported: 04/17/2013 18:39

Collected: 04/03/2013 10:05 by RCB Atlantic Richfield(Parsons-NY)

BP Corporation

501 WestLake Park Blvd

Houston TX 77079

SNBP4

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit*	As Received Limit of Quantitation	Dilution Factor
GC/MS	Volatiles SW-846	8260B	ug/l	ug/l	ug/l	
10335	Benzyl Chloride	100-44-7	N.D.	1.0	5.0	1
10335	Bromobenzene	108-86-1	N.D.	1.0	5.0	1
10335	Bromodichloromethane	75-27-4	N.D.	1.0	5.0	1
10335	Bromoform	75-25-2	N.D.	1.0	5.0	1
10335	Bromomethane	74-83-9	N.D.	1.0	5.0	1
10335	Carbon Tetrachloride	56-23-5	N.D.	1.0	5.0	1
10335	Chlorobenzene	108-90-7	N.D.	0.80	5.0	1
10335	Chloroethane	75-00-3	N.D.	1.0	5.0	1
10335	2-Chloroethyl Vinyl Ether	110-75-8	N.D.	2.0	10	1
	2-Chloroethyl vinyl ether may preserve this sample.	•				_
10335	Chloroform	67-66-3	N.D.	0.80	5.0	1
10335	Chloromethane	74-87-3	N.D.	1.0	5.0	1
10335	Dibromochloromethane	124-48-1	N.D.	1.0	5.0	1
10335	Dibromomethane	74-95-3	N.D.	1.0	5.0	1
10335	1,2-Dichlorobenzene	95-50-1	N.D.	1.0	5.0	1
	1,3-Dichlorobenzene	541-73-1	N.D.	1.0	5.0	1
	1,4-Dichlorobenzene	106-46-7	N.D.	1.0	5.0	1
10335	Dichlorodifluoromethane	75-71-8	N.D.	2.0	5.0	1
10335	1,1-Dichloroethane	75-34-3	40	1.0	5.0	1
10335	1,2-Dichloroethane	107-06-2	N.D.	1.0	5.0	1
10335	1,1-Dichloroethene	75-35-4	7.1	0.80	5.0	1
10335		156-59-2	520	8.0	50	10
10335	trans-1,2-Dichloroethene	156-60-5	8.5	0.80	5.0	1
10335	1,2-Dichloropropane	78-87-5	N.D.	1.0	5.0	1
10335		10061-01-5	N.D.	1.0	5.0	1
10335	trans-1,3-Dichloropropene	10061-02-6	N.D.	1.0	5.0	1
10335	Methylene Chloride	75-09-2	N.D.	2.0	5.0	1
10335	1,1,1,2-Tetrachloroethane	630-20-6	N.D.	1.0	5.0	1
10335	1,1,2,2-Tetrachloroethane	79-34-5	N.D.	1.0	5.0	1
10335	Tetrachloroethene	127-18-4	1.9 J	0.80	5.0	1
10335	1,1,1-Trichloroethane	71-55-6	28	0.80	5.0	1
10335	1,1,2-Trichloroethane	79-00-5	N.D.	0.80	5.0	1
	Trichloroethene	79-01-6	1,900	10	50	10
10335	Trichlorofluoromethane	75-69-4	N.D.	2.0	5.0	1
10335	1,2,3-Trichloropropane	96-18-4	N.D.	1.0	5.0	1
10335	Vinyl Chloride	75-01-4	11	1.0	5.0	1
The 1	LCS and/or LCSD recoveries are	outside the state	ed QC window			
	within the marginal exceedance					
dorri	ations as defined in the NETAC	Ctondonda Tho f	iollowing			

deviations as defined in the NELAC Standards. The following

analytes are accepted based on this allowance: 1,1,1-trichloroethane.

General Sample Comments

State of New York Certification No. 10670

Trip blank vials were not received by the laboratory for this sample group.

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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Sample Description: P-4 Water

BP Sanborn COC: 192464 2040 Cory Dr - Sanborn, NY LLI Sample # WW 7010225 LLI Group # 1380474

Account # 12495

Project Name: BP Sanborn

Submitted: 04/04/2013 15:00

Reported: 04/17/2013 18:39

Collected: 04/03/2013 10:05 by RCB Atlantic Richfield(Parsons-NY)

BP Corporation

501 WestLake Park Blvd

Houston TX 77079

SNBP4

Laboratory Sample Analysis Record									
CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor		
10335	VOCs 8260 Parsons Specs List	SW-846 8260B	1	N130981AA	04/08/2013 16:41	Linda C Pape	1		
10335	VOCs 8260 Parsons Specs List	SW-846 8260B	1	N130981AA	04/08/2013 17:04	Linda C Pape	10		
01163 01163	GC/MS VOA Water Prep GC/MS VOA Water Prep	SW-846 5030B SW-846 5030B	1 2	N130981AA N130981AA	04/08/2013 16:41 04/08/2013 17:04	Linda C Pape Linda C Pape	1 10		



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Sample Description: P-3 Water

BP Sanborn COC: 192458 2040 Cory Dr - Sanborn, NY LLI Sample # WW 7010226 LLI Group # 1380474 Account # 12495

Project Name: BP Sanborn

Submitted: 04/04/2013 15:00

Reported: 04/17/2013 18:39

Collected: 04/03/2013 13:45 by RCB Atlantic Richfield(Parsons-NY)

BP Corporation

501 WestLake Park Blvd

Houston TX 77079

SNBP3

CAT No.	Analysis Name	CAS Number	As Receive Result	As Received ed Method Detection Limit*	As Received Limit of Quantitation	Dilution Factor
GC/MS	Volatiles SW-846	8260B	ug/l	ug/l	ug/l	
10335	Benzyl Chloride	100-44-7	N.D.	1.0	5.0	1
10335	Bromobenzene	108-86-1	N.D.	1.0	5.0	1
10335	Bromodichloromethane	75-27-4	N.D.	1.0	5.0	1
10335	Bromoform	75-25-2	N.D.	1.0	5.0	1
10335	Bromomethane	74-83-9	N.D.	1.0	5.0	1
10335	Carbon Tetrachloride	56-23-5	N.D.	1.0	5.0	1
10335	Chlorobenzene	108-90-7	N.D.	0.80	5.0	1
10335	Chloroethane	75-00-3	N.D.	1.0	5.0	1
10335	2-Chloroethyl Vinyl Ether	110-75-8	N.D.	2.0	10	1
	2-Chloroethyl vinyl ether mapreserve this sample.	ay not be recovered	if acid was	s used to		
10335	Chloroform	67-66-3	N.D.	0.80	5.0	1
10335	Chloromethane	74-87-3	N.D.	1.0	5.0	1
10335	Dibromochloromethane	124-48-1	N.D.	1.0	5.0	1
10335	Dibromomethane	74-95-3	N.D.	1.0	5.0	1
10335	1,2-Dichlorobenzene	95-50-1	N.D.	1.0	5.0	1
10335	1,3-Dichlorobenzene	541-73-1	N.D.	1.0	5.0	1
10335	1,4-Dichlorobenzene	106-46-7	N.D.	1.0	5.0	1
10335	Dichlorodifluoromethane	75-71-8	N.D.	2.0	5.0	1
10335	1,1-Dichloroethane	75-34-3	N.D.	1.0	5.0	1
10335	1,2-Dichloroethane	107-06-2	N.D.	1.0	5.0	1
10335	1,1-Dichloroethene	75-35-4	N.D.	0.80	5.0	1
10335	cis-1,2-Dichloroethene	156-59-2	30	0.80	5.0	1
10335	trans-1,2-Dichloroethene	156-60-5	1.2 J	0.80	5.0	1
10335	1,2-Dichloropropane	78-87-5	N.D.	1.0	5.0	1
10335	cis-1,3-Dichloropropene	10061-01-5	N.D.	1.0	5.0	1
10335	trans-1,3-Dichloropropene	10061-02-6	N.D.	1.0	5.0	1
10335	Methylene Chloride	75-09-2	N.D.	2.0	5.0	1
10335	1,1,1,2-Tetrachloroethane	630-20-6	N.D.	1.0	5.0	1
10335	1,1,2,2-Tetrachloroethane	79-34-5	N.D.	1.0	5.0	1
10335	Tetrachloroethene	127-18-4	N.D.	0.80	5.0	1
10335	1,1,1-Trichloroethane	71-55-6	N.D.	0.80	5.0	1
10335	1,1,2-Trichloroethane	79-00-5	N.D.	0.80	5.0	1
10335	Trichloroethene	79-01-6	N.D.	1.0	5.0	1
10335	Trichlorofluoromethane	75-69-4	N.D.	2.0	5.0	1
10335	1,2,3-Trichloropropane	96-18-4	N.D.	1.0	5.0	1
10335	Vinyl Chloride	75-01-4	1.6 J	1.0	5.0	1

General Sample Comments

State of New York Certification No. 10670

Trip blank vials were not received by the laboratory for this sample group.

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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Sample Description: P-3 Water

BP Sanborn COC: 192458 2040 Cory Dr - Sanborn, NY LLI Sample # WW 7010226 LLI Group # 1380474

Account # 12495

Project Name: BP Sanborn

Submitted: 04/04/2013 15:00

Reported: 04/17/2013 18:39

Collected: 04/03/2013 13:45 by RCB Atlantic Richfield(Parsons-NY)

BP Corporation

501 WestLake Park Blvd

Houston TX 77079

SNBP3

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
10335	VOCs 8260 Parsons Specs	SW-846 8260B	1	N130982AA	04/09/2013 00:43	Sarah A Guill	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	N130982AA	04/09/2013 00:43	Sarah A Guill	1



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Quality Control Summary

Client Name: Atlantic Richfield(Parsons-NY) Group Number: 1380474

Reported: 04/17/13 at 06:39 PM

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

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

Laboratory Compliance Quality Control

Analysis Name	Blank <u>Result</u>	Blank MDL**	Blank <u>LOQ</u>	Report <u>Units</u>	LCS %REC	LCSD %REC	LCS/LCSD <u>Limits</u>	RPD	RPD Max
Batch number: N130981AA	Sample num	ber(s): 70	010220-701	0225					
Benzyl Chloride	N.D.	1.0	5.0	ug/l	90		49-120		
Bromobenzene	N.D.	1.0	5.0	ug/l	96		80-120		
Bromodichloromethane	N.D.	1.0	5.0	ug/1	111		73-120		
Bromoform	N.D.	1.0	5.0	ug/l	114		61-120		
Bromomethane	N.D.	1.0	5.0	uq/l	102		51-120		
Carbon Tetrachloride	N.D.	1.0	5.0	uq/l	127		65-137		
Chlorobenzene	N.D.	0.80	5.0	ug/l	103		80-120		
Chloroethane	N.D.	1.0	5.0	uq/l	95		60-120		
2-Chloroethyl Vinyl Ether	N.D.	2.0	10	ug/l	85		52-127		
Chloroform	N.D.	0.80	5.0	ug/l	115		77-122		
Chloromethane	N.D.	1.0	5.0	ug/l	83		54-123		
Dibromochloromethane	N.D.	1.0	5.0	ug/l	113		72-120		
Dibromomethane	N.D.	1.0	5.0	ug/l	108		80-120		
1,2-Dichlorobenzene	N.D.	1.0	5.0	ug/l	98		80-120		
1,3-Dichlorobenzene	N.D.	1.0	5.0	ug/l	98		80-120		
1,4-Dichlorobenzene	N.D.	1.0	5.0	ug/l	96		80-120		
Dichlorodifluoromethane	N.D.	2.0	5.0	ug/l	98		35-122		
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	123		64-130		
1,1-Dichloroethene	N.D.	0.80	5.0	ug/l	111		76-124		
cis-1,2-Dichloroethene	N.D.	0.80	5.0	ug/l	104		80-120		
trans-1,2-Dichloroethene	N.D.	0.80	5.0	ug/l	105		80-120		
1,2-Dichloropropane	N.D.	1.0	5.0	ug/l	98		80-120		
cis-1,3-Dichloropropene	N.D.	1.0	5.0	uq/l	107		78-120		
trans-1,3-Dichloropropene	N.D.	1.0	5.0	ug/l	103		66-124		
Methylene Chloride	N.D.	2.0	5.0	ug/l	107		84-118		
1,1,1,2-Tetrachloroethane	N.D.	1.0	5.0	uq/l	114		79-120		
1,1,2,2-Tetrachloroethane	N.D.	1.0	5.0	ug/l	87		70-129		
Tetrachloroethene	N.D.	0.80	5.0	uq/l	108		79-120		
1,1,1-Trichloroethane	N.D.	0.80	5.0	ug/l	127*		66-126		
1,1,2-Trichloroethane	N.D.	0.80	5.0	ug/l	99		80-120		
Trichloroethene	N.D.	1.0	5.0	ug/l	108		80-120		
Trichlorofluoromethane	N.D.	2.0	5.0	ug/l	117		65-130		
1,2,3-Trichloropropane	N.D.	1.0	5.0	ug/l	95		76-120		
Vinyl Chloride	N.D.	1.0	5.0	ug/l	95		63-120		
Batch number: N130982AA	Sample num	ber(s): 70							
Benzyl Chloride	N.D.	1.0	5.0	ug/l	89		49-120		
Bromobenzene	N.D.	1.0	5.0	ug/l	99		80-120		
Bromodichloromethane	N.D.	1.0	5.0	ug/l	104		73-120		
Bromoform	N.D.	1.0	5.0	ug/l	113		61-120		
Bromomethane	N.D.	1.0	5.0	ug/l	97		51-120		
Carbon Tetrachloride	N.D.	1.0	5.0	ug/l	118		65-137		

^{*-} 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.



Group Number: 1380474

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Quality Control Summary

Client Name: Atlantic Richfield(Parsons-NY)

Reported: 04/17/13 at 06:39 PM

	Blank	Blank	Blank	Report	LCS	LCSD	LCS/LCSD		
Analysis Name	Result	MDL**	LOO	<u>Units</u>	%REC	%REC	<u>Limits</u>	RPD	RPD Max
Chlorobenzene	N.D.	0.80	5.0	uq/l	106		80-120		
Chloroethane	N.D.	1.0	5.0	ug/l	96		60-120		
2-Chloroethyl Vinyl Ether	N.D.	2.0	10	uq/l	84		52-127		
Chloroform	N.D.	0.80	5.0	uq/l	106		77-122		
Chloromethane	N.D.	1.0	5.0	uq/l	85		54-123		
Dibromochloromethane	N.D.	1.0	5.0	uq/l	111		72-120		
Dibromomethane	N.D.	1.0	5.0	uq/l	103		80-120		
1,2-Dichlorobenzene	N.D.	1.0	5.0	uq/l	99		80-120		
1,3-Dichlorobenzene	N.D.	1.0	5.0	ug/1	99		80-120		
1,4-Dichlorobenzene	N.D.	1.0	5.0	ug/1	97		80-120		
Dichlorodifluoromethane	N.D.	2.0	5.0	ug/1	85		35-122		
1,1-Dichloroethane	N.D.	1.0	5.0	ug/1	102		79-120		
1,2-Dichloroethane	N.D.	1.0	5.0	ug/1	112		64-130		
1,1-Dichloroethene	N.D.	0.80	5.0	ug/1	110		76-124		
cis-1,2-Dichloroethene	N.D.	0.80	5.0	ug/1 ug/1	100		80-120		
			5.0		104		80-120		
trans-1,2-Dichloroethene	N.D.	0.80		ug/1					
1,2-Dichloropropane	N.D.	1.0	5.0	ug/l	97		80-120		
cis-1,3-Dichloropropene	N.D.	1.0	5.0	ug/l	106		78-120		
trans-1,3-Dichloropropene	N.D.	1.0	5.0	ug/l	100		66-124		
Methylene Chloride	N.D.	2.0	5.0	ug/l	104		84-118		
1,1,1,2-Tetrachloroethane	N.D.	1.0	5.0	ug/l	114		79-120		
1,1,2,2-Tetrachloroethane	N.D.	1.0	5.0	ug/l	88		70-129		
Tetrachloroethene	N.D.	0.80	5.0	ug/l	107		79-120		
1,1,1-Trichloroethane	N.D.	0.80	5.0	ug/l	116		66-126		
1,1,2-Trichloroethane	N.D.	0.80	5.0	ug/l	99		80-120		
Trichloroethene	N.D.	1.0	5.0	ug/l	106		80-120		
Trichlorofluoromethane	N.D.	2.0	5.0	ug/l	103		65-130		
1,2,3-Trichloropropane	N.D.	1.0	5.0	ug/l	94		76-120		
Vinyl Chloride	N.D.	1.0	5.0	ug/l	97		63-120		
Batch number: N130991AA	Sample numi								
cis-1,2-Dichloroethene	N.D.	0.80	5.0	ug/l	103		80-120		
Trichloroethene	N.D.	1.0	5.0	ug/l	106		80-120		
Batch number: 131010014A	Sample num								
Ethane	N.D.	1.0	5.0	ug/l	98		80-120		
Ethene	N.D.	1.0	5.0	ug/l	98		80-120		
Methane	N.D.	3.0	5.0	ug/l	100		80-120		
Batch number: 130981848004	Sample numi								
Iron	N.D.	0.0333	0.200	mg/l	98		90-112		
Manganese	N.D.	0.00083	0.0050	mg/1	103		90-110		
Batch number: 13095655901A	Sample num								
Chloride	N.D.	0.20	0.40	mg/l	98		90-110		
Nitrate Nitrogen	N.D.	0.050	0.10	mg/l	103		90-110		
Nitrite Nitrogen	N.D.	0.080	0.10	mg/l	100		90-110		
Sulfate	N.D.	0.30	1.0	mg/1	103		90-110		
Batch number: 13101049501A	Sample numi								
Dissolved Organic Carbon	N.D.	0.50	1.0	mg/1	97		86-114		
Batch number: 13095023501A	Sample numi	ber(s): 70	10220-701	0223					
Biochemical Oxygen Demand					86		85-115		

^{*-} Outside of specification

Batch number: 13099400102A

Sample number(s): 7010220-7010221

^{**-}This limit was used in the evaluation of the final result for the blank

⁽¹⁾ The result for one or both determinations was less than five times the LOQ.

⁽²⁾ The unspiked result was more than four times the spike added.

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Quality Control Summary

Client Name: Atlantic Richfield(Parsons-NY) Group Number: 1380474

Reported: 04/17/13 at 06:39 PM

Blank Blank Blank Report LCS LCSD LCS/LCSD Analysis Name Result <u>MDL**</u> LOQ <u>Units</u> %REC %REC <u>Limits</u> RPD RPD Max Chemical Oxygen Demand 100 94-110

Batch number: 13099400102B Sample number(s): 7010222-7010223

Chemical Oxygen Demand 100 94-110

Sample Matrix Quality Control

Unspiked (UNSPK) = the sample used in conjunction with the matrix spike Background (BKG) = the sample used in conjunction with the duplicate

Analysis Name	MS <u>%REC</u>	MSD %REC	MS/MSD Limits	RPD	RPD <u>MAX</u>	BKG Conc	DUP Conc	DUP RPD	Dup RPD Max
Batch number: N130981AA	Cample	numbor (a)	. 7010000	701000	E IINCDE	T: P008569			
Benzyl Chloride	87	89	42-131	3	30	C: P006569			
Bromobenzene	100	99	82-115	1	30				
Bromodichloromethane	115	115	78-125	0	30				
Bromoform	116	117		1	30				
Bromomethane	109	108	48-118 47-129	1	30				
Carbon Tetrachloride	143*	144*	72-135	0	30				
Chlorobenzene			87-124	1	30				
Chloroethane	110 102	109 102	87-124 51-145	0	30				
	0*	102 0*		0	30				
2-Chloroethyl Vinyl Ether			10-151						
Chloroform	120	120	81-134	0	30				
Chloromethane	87	88	46-137	1	30				
Dibromochloromethane	120*	117*	74-116	2	30				
Dibromomethane	114	111	83-119	2	30				
1,2-Dichlorobenzene	101	100	84-119	0	30				
1,3-Dichlorobenzene	102	100	86-121	2	30				
1,4-Dichlorobenzene	98	99	85-121	0	30				
Dichlorodifluoromethane	113	114	52-129	1	30				
1,1-Dichloroethane	110	111	84-129	0	30				
1,2-Dichloroethane	129	126	68-131	2	30				
1,1-Dichloroethene	121	124	75-155	2	30				
cis-1,2-Dichloroethene	106	108	80-141	2	30				
trans-1,2-Dichloroethene	112	112	81-142	0	30				
1,2-Dichloropropane	99	101	83-124	2	30				
cis-1,3-Dichloropropene	107	108	70-116	1	30				
trans-1,3-Dichloropropene	107	106	74-119	1	30				
Methylene Chloride	109	111	78-133	2	30				
1,1,1,2-Tetrachloroethane	121	119	74-136	2	30				
1,1,2,2-Tetrachloroethane	84	85	72-128	0	30				
Tetrachloroethene	121	122	80-128	0	30				
1,1,1-Trichloroethane	141*	141*	69-140	0	30				
1,1,2-Trichloroethane	101	101	71-141	0	30				
Trichloroethene	114	115	88-133	1	30				
Trichlorofluoromethane	137	136	64-146	1	30				
1,2,3-Trichloropropane	90	92	76-118	3	30				
Vinyl Chloride	102	104	66-133	2	30				
Batch number: N130982AA	Sample		: 7010226	UNSPK:		35			
Benzyl Chloride	85	85	42-131	1	30				
Bromobenzene	101	103	82-115	2	30				
Bromodichloromethane	117	115	78-125	2	30				

*- Outside of specification

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



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Quality Control Summary

Client Name: Atlantic Richfield(Parsons-NY) Group Number: 1380474

Reported: 04/17/13 at 06:39 PM

Sample Matrix Quality Control

Unspiked (UNSPK) = the sample used in conjunction with the matrix spike Background (BKG) = the sample used in conjunction with the duplicate

	MS	MSD	MS/MSD		RPD	BKG	DUP	DUP	Dup RPD
Analysis Name	%REC	%REC	<u>Limits</u>	RPD	<u>MAX</u>	Conc	Conc	RPD	Max
Bromoform	120*	117	48-118	3	30				
Bromomethane	104	101	47-129	2	30				
Carbon Tetrachloride	149*	143*	72-135	4	30				
Chlorobenzene	111	111	87-124	1	30				
Chloroethane	99	97	51-145	1	30				
2-Chloroethyl Vinyl Ether	0*	0*	10-151	0	30				
Chloroform	123	121	81-134	2	30				
Chloromethane	81	84	46-137	3	30				
Dibromochloromethane	120*	116	74-116	3	30				
Dibromomethane	113	108	83-119	4	30				
1,2-Dichlorobenzene	103	103	84-119	0	30				
1,3-Dichlorobenzene	103	104	86-121	1	30				
1,4-Dichlorobenzene	102	101	85-121	1	30				
Dichlorodifluoromethane	110	107	52-129	3	30				
1,1-Dichloroethane	107	106	84-129	1	30				
1,2-Dichloroethane	133*	127		5	30				
			68-131	2					
1,1-Dichloroethene	124	121	75-155		30				
cis-1,2-Dichloroethene	80 (2)	56 (2)	80-141	4	30				
trans-1,2-Dichloroethene	115	115	81-142	1	30				
1,2-Dichloropropane	100	100	83-124	1	30				
cis-1,3-Dichloropropene	106	105	70-116	1	30				
trans-1,3-Dichloropropene	104	106	74-119	2	30				
Methylene Chloride	110	108	78-133	1	30				
1,1,1,2-Tetrachloroethane	122	120	74-136	2	30				
1,1,2,2-Tetrachloroethane	85	86	72-128	1	30				
Tetrachloroethene	124	123	80-128	1	30				
1,1,1-Trichloroethane	142*	137	69-140	3	30				
1,1,2-Trichloroethane	103	104	71-141	1	30				
Trichloroethene	116	115	88-133	1	30				
Trichlorofluoromethane	138	133	64-146	3	30				
1,2,3-Trichloropropane	94	92	76-118	2	30				
Vinyl Chloride	99	102	66-133	3	30				
Batch number: N130991AA	Sample	number(s)	: 7010220	UNSPK	: P0035	14			
cis-1,2-Dichloroethene	106	110	80-141	4	30				
Trichloroethene	68*	69*	88-133	1	30				
Batch number: 131010014A	Sample	number(s)	: 7010220	-70102	23 UNSP	K: P009764			
Ethane	146 (2)	100 (2)		6	20				
Ethene	259 (2)	195 (2)	35-162	7	20				
Methane	-10979	-13330	35-157	7	20				
	(2)	(2)							
Batch number: 130981848004	Samnle	number(a)	. 7010220	-70102	SS TIMEDI	K. DUU0101	BKG: P00919	4	
Iron	97	94	75-125	3	20 ONSE	N.D.	N.D.	0 (1)	20
Manganese	95	94	75-125	0	20	1.58	1.56	1	20
Manganese	93	94	75-125	U	20	1.30	1.50	_	20
Batch number: 13095655901A	Sample	number(s)	: 7010220	-70102	23 UNSP	K: P010921	BKG: P01092	1	
Chloride	97	,	90-110			N.D.	N.D.	0 (1)	20
Nitrate Nitrogen	101		90-110			N.D.	N.D.	0 (1)	20
Nitrite Nitrogen	97		90-110			N.D.	N.D.	0 (1)	20
Sulfate	101		90-110			N.D.	N.D.	0 (1)	20
								/	

^{*-} 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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Page 5 of 6

Quality Control Summary

Client Name: Atlantic Richfield(Parsons-NY) Group Number: 1380474

Reported: 04/17/13 at 06:39 PM

Sample Matrix Quality Control

Unspiked (UNSPK) = the sample used in conjunction with the matrix spike Background (BKG) = the sample used in conjunction with the duplicate

Analysis Name	MS %REC	MSD %REC	MS/MSD <u>Limits</u>	RPD	RPD <u>MAX</u>	BKG Conc	DUP Conc	DUP RPD	Dup RPD <u>Max</u>
Batch number: 13101049501A Dissolved Organic Carbon	Sample:	number(s)	: 7010220 54-135	-701022	3 UNSPR	7010220 1.8	BKG: 7010220	2 (1)	2
Batch number: 13095023501A Biochemical Oxygen Demand	Sample:	number(s) 86	: 7010220 69-139		3 UNSPR 8	K: P010181 261	BKG: P010180 252	3	15
Batch number: 13099400102A Chemical Oxygen Demand	Sample:	number(s)	: 7010220 90-110	-701022	1 UNSPA	C: P009190 525	BKG: P009190 607	15*	5
Batch number: 13099400102B Chemical Oxygen Demand	Sample :	number(s)	: 7010222 90-110	-701022	3 UNSP	K: P011964 525	BKG: P009190 607	15*	5

Surrogate Quality Control

Surrogate recoveries which are outside of the QC window are confirmed $\ensuremath{\mathsf{QC}}$ unless attributed to dilution or otherwise noted on the Analysis Report.

Analysis Name: PPL + Xylene (total) by 8260

Batch number: N130981AA

	Dibromofluoromethane	1,2-Dichloroethane-d4	Toluene-d8	4-Bromofluorobenzene
7010220	111	101	97	97
7010221	112	100	98	98
7010222	112	102	98	97
7010223	112	101	96	99
7010224	108	101	94	98
7010225	113	104	98	97
Blank	109	102	98	100
LCS	107	101	98	105
MS	106	102	99	105
MSD	108	99	100	105
Limits:	80-116	77-113	80-113	78-113

Analysis Name: PPL + Xylene (total) by 8260 Batch number: N130982AA

Baccii iiu	Dibromofluoromethane	1,2-Dichloroethane-d4	Toluene-d8	4-Bromofluorobenzene	
7010226	112	103	97	98	
Blank	104	99	97	101	
LCS	102	98	97	100	
MS	109	104	99	106	
MSD	105	99	98	105	
Limits:	80-116	77-113	80-113	78-113	

Analysis Name: Volatile Headspace Hydrocarbon

Batch number: 131010014A

*- 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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Page 6 of 6

Quality Control Summary

Client Name: Atlantic Richfield(Parsons-NY) Group Number: 1380474

Reported: 04/17/13 at 06:39 PM

Surrogate Quality Control

	Propene			
7010220	54			
7010221	91			
7010222	85			
7010223	94			
Blank	93			
LCS	89			
MS	76			
MSD	79			
Limits:	42-131			

^{*-} 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.

Atlantic Laboratory Management Program LaMP Chain of Custody Record Req Due Date (mm/dd/yy):

192460

Rush TAT: Yes

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BP/ARC Project Name: RP Sauborn

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192459

Req Due Date (mm/dd/yy):

Rush TAT: Yes

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Atlantic Laboratory Management Program LaMP Chain of Custody Record

Richfield BP/ARC Project Name: BP Soulogn Red Due Date (mm/dd/vv):

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Environmental Sample Administration Receipt Documentation Log

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Unpacl	ker Signature	:/Emp#:	32	7348	_ Date/Ti	me:4/4/13	1607		



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)
С	degrees Celsius	F	degrees Fahrenheit
meq	milliequivalents	lb.	pound(s)
g	gram(s)	kg	kilogram(s)
μg	microgram(s)	mg	milligram(s)
mL	milliliter(s)	L	liter(s)
m3	cubic meter(s)	μL	microliter(s)
		pg/L	picogram/liter

- < less than The number following the sign is the <u>limit of quantitation</u>, 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

Α	TIC is a possible aldol-condensation product	В	Value is <crdl, but="" th="" ≥idl<=""></crdl,>
В	Analyte was also detected in the blank	E	Estimated due to interference
С	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	S	Method of standard additions (MSA) used
	the instrument		for calculation
N	Presumptive evidence of a compound (TICs only)	U	Compound was not detected
Р	Concentration difference between primary and	W	Post digestion spike out of control limits
	confirmation columns >25%	*	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 meet all requirements of NELAC unless otherwise noted under the individual analysis.

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

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

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

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, and Lancaster hereby objects to any conflicting terms contained in any acceptance or order submitted by client.



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ANALYTICAL RESULTS

Prepared by:

Prepared for:

Eurofins Lancaster Laboratories 2425 New Holland Pike Lancaster, PA 17601 Atlantic Richfield(Parsons-NY) BP Corporation 501 WestLake Park Blvd Houston TX 77079

April 17, 2013

Project: BP Sanborn

Submittal Date: 04/05/2013 Group Number: 1380662 PO Number: D00B4-0002 Release Number: BARBER State of Sample Origin: NY

Client Sample Description	Lancaster Labs (LLI) #
B-44 Water	7011177
B-43 Water	7011178
B-17 Water	7011179
Field Dup #2 Water	7011180
B-42 Water	7011181
PW-1 Water	7011182
P-2 Water	7011183

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

ELECTRONIC Parsons Attn: George Hermance

COPY TO

ELECTRONIC Parsons Attn: Lorraine Weber

COPY TO



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Respectfully Submitted,

Kaitlin N. Plasterer Specialist

Maither M. Pasterer

(717) 556-7323





Project Name: BP Sanborn LLI Group #: 1380662

General Comments:

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

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

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

Project specific QC samples are not included in this data set

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

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

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

The temperature of the sample bottle(s) upon receipt at the lab was 7.6 - 8.8 C using an IR thermometer.

Analysis Specific Comments:

SW-846 8260B, GC/MS Volatiles

Batch #: N131001AA (Sample number(s): 7011177-7011183 UNSPK: P12549)

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

RSKSOP-175 modified, GC Miscellaneous

Batch #: 131020025A (Sample number(s): 7011177-7011181 UNSPK: P11250)

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

SW-846 6010B, Metals

Batch #: 131001848009 (Sample number(s): 7011177-7011181 UNSPK: P11250 BKG: P11250)

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

EPA 410.4, Wet Chemistry

Batch #: 13105400101B (Sample number(s): 7011177-7011181 UNSPK: 7011181 BKG: 7011181)

The duplicate RPD for the following analyte(s) exceeded the acceptance window: Chemical Oxygen Demand

4/17/2013 5:08:16PM

SM 5210 B-2001, Wet Chemistry

<u>Batch #: 13095023502A (Sample number(s): 7011177-7011181 UNSPK: P11062 BKG: P10414)</u>

The recovery(ies) for the following analyte(s) in the LCS were below the acceptance window: Biochemical Oxygen Demand ${\sf D}$

The duplicate RPD for the following analyte(s) exceeded the acceptance window: Biochemical Oxygen Demand $\frac{1}{2}$

Sample #s: 7011177, 7011178, 7011179, 7011180, 7011181

The laboratory control sample analyzed on this sample's batch yielded a recovery

of 72%. The method acceptance window is 85% to 115%. Because the 48-hour holding time had lapsed, BOD was not reanalyzed. The above result is reported with client consent.

4/17/2013 5:08:16PM



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Sample Description: B-44 Water

BP Sanborn COC: 208612 2040 Cory Dr - Sanborn, NY LLI Sample # WW 7011177 LLI Group # 1380662 Account # 12495

Project Name: BP Sanborn

Submitted: 04/05/2013 09:40

Reported: 04/17/2013 17:05

Collected: 04/04/2013 10:40 by RCB Atlantic Richfield(Parsons-NY)

BP Corporation

501 WestLake Park Blvd

Houston TX 77079

-B-44

CAT No.	Analysis Name		CAS Number	As Received Result	As Received Method Detection Limit*	As Received Limit of Quantitation	Dilution Factor
GC/MS	Volatiles :	SW-846	8260B	ug/l	ug/l	ug/l	
10335	Benzyl Chloride		100-44-7	N.D.	1.0	5.0	1
10335	Bromobenzene		108-86-1	N.D.	1.0	5.0	1
10335	Bromodichloromethane		75-27-4	N.D.	1.0	5.0	1
10335	Bromoform		75-25-2	N.D.	1.0	5.0	1
10335	Bromomethane		74-83-9	N.D.	1.0	5.0	1
10335	Carbon Tetrachloride		56-23-5	N.D.	1.0	5.0	1
10335	Chlorobenzene		108-90-7	N.D.	0.80	5.0	1
10335	Chloroethane		75-00-3	N.D.	1.0	5.0	1
10335	2-Chloroethyl Vinyl B	Ether	110-75-8	N.D.	2.0	10	1
	2-Chloroethyl vinyl e preserve this sample	ether ma	y not be recovered	l if acid was us	ed to		
10335	Chloroform		67-66-3	N.D.	0.80	5.0	1
10335	Chloromethane		74-87-3	N.D.	1.0	5.0	1
10335	Dibromochloromethane		124-48-1	N.D.	1.0	5.0	1
10335	Dibromomethane		74-95-3	N.D.	1.0	5.0	1
10335	1,2-Dichlorobenzene		95-50-1	N.D.	1.0	5.0	1
10335	1,3-Dichlorobenzene		541-73-1	N.D.	1.0	5.0	1
10335	1,4-Dichlorobenzene		106-46-7	N.D.	1.0	5.0	1
10335	Dichlorodifluorometha	ane	75-71-8	N.D.	2.0	5.0	1
10335	1,1-Dichloroethane		75-34-3	6.6	1.0	5.0	1
10335	1,2-Dichloroethane		107-06-2	N.D.	1.0	5.0	1
10335	1,1-Dichloroethene		75-35-4	N.D.	0.80	5.0	1
10335	cis-1,2-Dichloroether	ne	156-59-2	26	0.80	5.0	1
10335	trans-1,2-Dichloroeth	nene	156-60-5	N.D.	0.80	5.0	1
10335	1,2-Dichloropropane		78-87-5	N.D.	1.0	5.0	1
10335	cis-1,3-Dichloroprope	ene	10061-01-5	N.D.	1.0	5.0	1
10335	trans-1,3-Dichloropro	opene	10061-02-6	N.D.	1.0	5.0	1
10335	Methylene Chloride		75-09-2	N.D.	2.0	5.0	1
10335	1,1,1,2-Tetrachloroet		630-20-6	N.D.	1.0	5.0	1
10335	1,1,2,2-Tetrachloroet	thane	79-34-5	N.D.	1.0	5.0	1
10335	Tetrachloroethene		127-18-4	N.D.	0.80	5.0	1
10335	1,1,1-Trichloroethane	е	71-55-6	N.D.	0.80	5.0	1
10335	1,1,2-Trichloroethane	9	79-00-5	N.D.	0.80	5.0	1
10335	Trichloroethene		79-01-6	46	1.0	5.0	1
10335	Trichlorofluoromethan		75-69-4	N.D.	2.0	5.0	1
10335	1,2,3-Trichloropropar	ne	96-18-4	N.D.	1.0	5.0	1
10335	Vinyl Chloride		75-01-4	4.7 J	1.0	5.0	1
		RSKSOP	-175 modified	ug/l	ug/l	ug/l	
07105	Ethane		74-84-0	21	1.0	5.0	1
07105	Ethene		74-85-1	6.8	1.0	5.0	1
07105	Methane		74-82-8	32	3.0	5.0	1
Metal	-	SW-846		mg/l	mg/l	mg/l	
01754	Iron		7439-89-6	0.0605 J	0.0333	0.200	1
07058	Manganese		7439-96-5	0.0109	0.00083	0.0050	1
		EPA 300		mg/l	mg/l	mg/l	
00224	Chloride		16887-00-6	71.0	4.0	8.0	20

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



Meeks

Meeks

Christopher D

James S Mathiot

200

1

04/09/2013 16:03

04/11/2013 05:37

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Sample Description: B-44 Water

BP Sanborn COC: 208612 2040 Cory Dr - Sanborn, NY LLI Sample # WW 7011177 LLI Group # 1380662 Account # 12495

Project Name: BP Sanborn

Submitted: 04/05/2013 09:40

Reported: 04/17/2013 17:05

Collected: 04/04/2013 10:40 by RCB Atlantic Richfield (Parsons-NY)

BP Corporation

501 WestLake Park Blvd

Houston TX 77079

-B-44

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit*	As Received Limit of Quantitation	Dilution Factor
Wet Cl	nemistry EPA 300.0		mg/l	mg/l	mg/l	
00368	Nitrate Nitrogen	14797-55-8	N.D.	0.25	0.50	5
01506	Nitrite Nitrogen	14797-65-0	N.D.	0.40	0.50	5
00228	Sulfate	14808-79-8	1,600	60.0	200	200
	EPA 415.1	modified	mg/l	mg/l	mg/l	
07547	Dissolved Organic Carbon	n.a.	1.3	0.50	1.0	1
	EPA 410.4		mg/l	mg/l	mg/l	
04001	Chemical Oxygen Demand	n.a.	37.5 J	12.8	50.0	1
	SM 5210 B	-2001	mg/l	mg/l	mg/l	
00235	Biochemical Oxygen Demand	n.a.	12.8	0.80	3.0	1
	The laboratory control sample an of 72%. The method acceptance w holding time had lapsed, BOD was with client consent.	indow is 85% to	o 115%. Because	the 48-hour		

General Sample Comments

Laboratory Sample Analysis Record

State of New York Certification No. 10670

00228 Sulfate

07547 Dissolved Organic Carbon

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

Method

EPA 300.0

EPA 415.1 modified 1

CAT Analysis Name Trial# Batch# Analysis Analyst Dilution Date and Time Factor No. 10335 VOCs 8260 Parsons Specs SW-846 8260B N131001AA 04/10/2013 13:22 Linda C Pape 01163 GC/MS VOA Water Prep SW-846 5030B N131001AA Linda C Pape 04/10/2013 13:22 07105 Volatile Headspace RSKSOP-175 Elizabeth J Marin 1 131020025A 04/15/2013 17:16 1 Hydrocarbon modified 01754 Iron SW-846 6010B 1 131001848009 04/17/2013 02:13 John W Yanzuk II 1 John W Yanzuk II SW-846 6010B 131001848009 04/17/2013 Manganese 02:13 01848 WW SW846 ICP Digest (tot SW-846 3005A 131001848009 04/11/2013 09:18 Denise K Conners 1 rec) 00224 Chloride EPA 300.0 1 13095655901B 04/09/2013 15:48 Christopher D 2.0 Meeks EPA 300.0 13095655901B 00368 Nitrate Nitrogen 04/05/2013 13:32 Christopher D Meeks 01506 Nitrite Nitrogen EPA 300.0 1 13095655901B 04/05/2013 13:32 5 Christopher D

13095655901B

13101049501A

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



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Sample Description: B-44 Water

BP Sanborn COC: 208612 2040 Cory Dr - Sanborn, NY LLI Sample # WW 7011177 LLI Group # 1380662 Account # 12495

Project Name: BP Sanborn

Submitted: 04/05/2013 09:40

Reported: 04/17/2013 17:05

Collected: 04/04/2013 10:40 by RCB Atlantic Richfield(Parsons-NY)

BP Corporation

501 WestLake Park Blvd

Houston TX 77079

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Ti	me	Analyst	Dilution Factor
04001	Chemical Oxygen Demand	EPA 410.4	1	13105400101B	04/15/2013	08:10	Susan A Engle	1
00235	Biochemical Oxygen Demand	SM 5210 B-2001	1	13095023502A	04/05/2013	20:26	Hannah M Royer	1



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Sample Description: B-43 Water

BP Sanborn COC: 188011 2040 Cory Dr - Sanborn, NY LLI Sample # WW 7011178 LLI Group # 1380662 Account # 12495

Project Name: BP Sanborn

Submitted: 04/05/2013 09:40

Reported: 04/17/2013 17:05

Collected: 04/04/2013 12:05 by RCB Atlantic Richfield(Parsons-NY)

BP Corporation

501 WestLake Park Blvd

Houston TX 77079

-B-43

CAT No.	Analysis Name		CAS Number	As Received Result	As Received Method Detection Limit*	As Received Limit of Quantitation	Dilution Factor
GC/MS	Volatiles	SW-846	8260B	ug/l	ug/l	ug/l	
10335	Benzyl Chloride		100-44-7	N.D.	1.0	5.0	1
10335	Bromobenzene		108-86-1	N.D.	1.0	5.0	1
10335	Bromodichlorometh	ane	75-27-4	N.D.	1.0	5.0	1
10335	Bromoform		75-25-2	N.D.	1.0	5.0	1
10335	Bromomethane		74-83-9	N.D.	1.0	5.0	1
10335	Carbon Tetrachlor	ide	56-23-5	N.D.	1.0	5.0	1
10335	Chlorobenzene	140	108-90-7	N.D.	0.80	5.0	1
10335	Chloroethane		75-00-3	N.D.	1.0	5.0	1
10335	2-Chloroethyl Vin	vl Ether	110-75-8	N.D.	2.0	10	1
10000						10	Τ.
	2-Chloroethyl ving preserve this sam		y not be recovered	ı ii acid was üs	ea to		
10335	Chloroform	-	67-66-3	N.D.	0.80	5.0	1
10335	Chloromethane		74-87-3	N.D.	1.0	5.0	1
10335	Dibromochlorometh	ane	124-48-1	N.D.	1.0	5.0	1
10335	Dibromomethane	-	74-95-3	N.D.	1.0	5.0	1
10335	1,2-Dichlorobenze	ne	95-50-1	N.D.	1.0	5.0	1
10335	1,3-Dichlorobenze		541-73-1	N.D.	1.0	5.0	1
10335	1,4-Dichlorobenze		106-46-7	N.D.	1.0	5.0	1
10335	Dichlorodifluorom		75-71-8	N.D.	2.0	5.0	1
10335	1,1-Dichloroethan		75-34-3	N.D.	1.0	5.0	1
10335	1,2-Dichloroethan		107-06-2	N.D.	1.0	5.0	1
10335	1,1-Dichloroethen		75-35-4	N.D.	0.80	5.0	1
10335	cis-1,2-Dichloroe		75-35-4 156-59-2	N.D. 9.5	0.80	5.0	1
10335	trans-1,2-Dichlore		156-59-2	9.5 N.D.	0.80	5.0	1
	'						
10335	1,2-Dichloropropa		78-87-5	N.D.	1.0	5.0	1
10335	cis-1,3-Dichlorop	-	10061-01-5	N.D.	1.0	5.0	1
10335	trans-1,3-Dichlore		10061-02-6	N.D.	1.0	5.0	1
10335	Methylene Chlorid		75-09-2	N.D.	2.0	5.0	1
10335	1,1,1,2-Tetrachlo		630-20-6	N.D.	1.0	5.0	1
10335	1,1,2,2-Tetrachlo	roethane	79-34-5	N.D.	1.0	5.0	1
10335	Tetrachloroethene		127-18-4	N.D.	0.80	5.0	1
10335	1,1,1-Trichloroet		71-55-6	N.D.	0.80	5.0	1
10335	1,1,2-Trichloroet	hane	79-00-5	N.D.	0.80	5.0	1
10335	Trichloroethene		79-01-6	15	1.0	5.0	1
10335	Trichlorofluorome		75-69-4	N.D.	2.0	5.0	1
10335	1,2,3-Trichloropro	opane	96-18-4	N.D.	1.0	5.0	1
10335	Vinyl Chloride		75-01-4	N.D.	1.0	5.0	1
ac wie	scellaneous	PGKGOD.	-175 modified	ug/l	ug/l	ug/l	
		KUKBOP.		_	.	5 .	1
07105	Ethane		74-84-0	N.D.	1.0	5.0	1
07105	Ethene		74-85-1	N.D.	1.0	5.0	1
07105	Methane		74-82-8	N.D.	3.0	5.0	1
Metals	5	SW-846	6010B	mg/l	mg/l	mg/l	
01754	Iron		7439-89-6	0.0357 J	0.0333	0.200	1
07058	Manganese		7439-96-5	0.0168	0.00083	0.0050	1
Wat Cl	omi atm.	ייט בי עום	2 0	mg/l	mg/l	mg/l	
	nemistry	EPA 300			<u>-</u> .	<u>-</u> .	
00224	Chloride		16887-00-6	62.7	20.0	40.0	100

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



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Sample Description: B-43 Water

BP Sanborn COC: 188011 2040 Cory Dr - Sanborn, NY LLI Sample # WW 7011178 LLI Group # 1380662 Account # 12495

Project Name: BP Sanborn

Submitted: 04/05/2013 09:40

Reported: 04/17/2013 17:05

Collected: 04/04/2013 12:05 by RCB Atlantic Richfield(Parsons-NY)

BP Corporation

501 WestLake Park Blvd

Houston TX 77079

-B-43

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit*	As Received Limit of Quantitation	Dilution Factor
Wet Cl	nemistry EPA 300	. 0	mg/l	mg/l	mg/l	
00368	Nitrate Nitrogen	14797-55-8	N.D.	0.25	0.50	5
01506	Nitrite Nitrogen	14797-65-0	N.D.	0.40	0.50	5
00228	Sulfate	14808-79-8	560	30.0	100	100
	EPA 415	.1 modified	mg/l	mg/l	mg/l	
07547	Dissolved Organic Carbon	n.a.	1.7	0.50	1.0	1
	EPA 410		mg/l	mg/l	mg/l	
04001	Chemical Oxygen Demand	n.a.	N.D.	12.8	50.0	1
	SM 5210	B-2001	mg/l	mg/l	mg/l	
00235	Biochemical Oxygen Demand The laboratory control sample of 72%. The method acceptance holding time had lapsed, BOD with client consent.	e window is 85% t	o 115%. Because	the 48-hour	3.2	1

General Sample Comments

State of New York Certification No. 10670

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

Laboratory Sample Analysis Record Method CAT Analysis Name Trial# Batch# Analysis Analyst Dilution Date and Time Factor No. 10335 VOCs 8260 Parsons Specs SW-846 8260B N131001AA 04/10/2013 13:45 Linda C Pape 01163 GC/MS VOA Water Prep SW-846 5030B N131001AA Linda C Pape 04/10/2013 13:45 07105 Volatile Headspace RSKSOP-175 Elizabeth J Marin 1 131020025A 04/15/2013 17:34 1 Hydrocarbon modified 01754 Iron SW-846 6010B 1 131001848009 04/17/2013 02:18 John W Yanzuk II 1 John W Yanzuk II SW-846 6010B 131001848009 04/17/2013 Manganese 02:18 1 01848 WW SW846 ICP Digest (tot SW-846 3005A 131001848009 04/11/2013 09:18 Denise K Conners 1 rec) 00224 Chloride EPA 300.0 13095655901B 04/09/2013 16:22 Christopher D 100 Meeks EPA 300.0 13095655901B 00368 Nitrate Nitrogen 04/05/2013 13:47 Christopher D Meeks 01506 Nitrite Nitrogen EPA 300.0 13095655901B 04/05/2013 13:47 5 Christopher D Meeks 00228 Sulfate EPA 300.0 13095655901B 04/09/2013 16:22 Christopher D 100 Meeks EPA 415.1 modified 1 07547 Dissolved Organic Carbon 13101049501A James S Mathiot 04/11/2013 05:52 1

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



2425 New Holland Pike, Lancaster, PA 17601 • 717-656-2300 • Fax; 717-656-2681 • www.LancasterLabs.com

Sample Description: B-43 Water

BP Sanborn COC: 188011 2040 Cory Dr - Sanborn, NY LLI Sample # WW 7011178 LLI Group # 1380662 Account # 12495

Project Name: BP Sanborn

Submitted: 04/05/2013 09:40

Reported: 04/17/2013 17:05

Collected: 04/04/2013 12:05 by RCB Atlantic Richfield(Parsons-NY)

BP Corporation

501 WestLake Park Blvd

Houston TX 77079

-B-43

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Ti	me	Analyst	Dilution Factor
04001	Chemical Oxygen Demand	EPA 410.4	1	13105400101B	04/15/2013	08:10	Susan A Engle	1
00235	Biochemical Oxygen Demand	SM 5210 B-2001	1	13095023502A	04/05/2013	20:26	Hannah M Royer	1



2425 New Holland Pike, Lancaster, PA 17601 • 717-656-2300 • Fax; 717-656-2681 • www.LancasterLabs.com

Sample Description: B-17 Water

BP Sanborn COC: 188011 2040 Cory Dr - Sanborn, NY LLI Sample # WW 7011179 LLI Group # 1380662 Account # 12495

Project Name: BP Sanborn

Submitted: 04/05/2013 09:40

Reported: 04/17/2013 17:05

Collected: 04/04/2013 09:25 by RCB Atlantic Richfield(Parsons-NY)

BP Corporation

501 WestLake Park Blvd

Houston TX 77079

-B-17

CAT No.	Analysis Name		CAS Number	As Received Result	As Received Method Detection Limit*	As Received Limit of Quantitation	Dilution Factor
GC/MS	Volatiles	SW-846	8260B	ug/l	ug/l	ug/l	
10335	Benzyl Chloride		100-44-7	N.D.	5.0	25	5
10335	Bromobenzene		108-86-1	N.D.	5.0	25	5
10335	Bromodichlorometha	ne	75-27-4	N.D.	5.0	25	5
10335	Bromoform	110	75-25-2	N.D.	5.0	25	5
10335	Bromomethane		74-83-9	N.D.	5.0	25	5
10335	Carbon Tetrachlori	do	56-23-5	N.D.	5.0	25	5
10335	Chlorobenzene	ae				25	5
			108-90-7	N.D.	4.0		5
10335	Chloroethane	1 7.1	75-00-3	N.D.	5.0	25	
10335	2-Chloroethyl Viny		110-75-8	N.D.	10	50	5
	2-Chloroethyl viny preserve this samp		y not be recovered	d if acid was us	sed to		
10335	Chloroform		67-66-3	N.D.	4.0	25	5
10335	Chloromethane		74-87-3	N.D.	5.0	25	5
10335	Dibromochlorometha	ne	124-48-1	N.D.	5.0	25	5
10335	Dibromomethane		74-95-3	N.D.	5.0	25	5
10335	1,2-Dichlorobenzen	e	95-50-1	N.D.	5.0	25	5
10335	1,3-Dichlorobenzen		541-73-1	N.D.	5.0	25	5
10335	1,4-Dichlorobenzen		106-46-7	N.D.	5.0	25	5
10335	Dichlorodifluorome		75-71-8	N.D.	10	25	5
10335	1,1-Dichloroethane		75-34-3	N.D. 54	5.0	25	5
	•			N.D.	5.0		
10335	1,2-Dichloroethane		107-06-2			25	5
10335	1,1-Dichloroethene		75-35-4	36	4.0	25	5
10335	cis-1,2-Dichloroet		156-59-2	9,900	40	250	50
10335	trans-1,2-Dichloro		156-60-5	41	4.0	25	5
10335	1,2-Dichloropropan		78-87-5	N.D.	5.0	25	5
10335	cis-1,3-Dichloropr		10061-01-5	N.D.	5.0	25	5
10335	trans-1,3-Dichloro		10061-02-6	N.D.	5.0	25	5
10335	Methylene Chloride		75-09-2	N.D.	10	25	5
10335	1,1,1,2-Tetrachlor	oethane	630-20-6	N.D.	5.0	25	5
10335	1,1,2,2-Tetrachlor	oethane	79-34-5	N.D.	5.0	25	5
10335	Tetrachloroethene		127-18-4	N.D.	4.0	25	5
10335	1,1,1-Trichloroeth	ane	71-55-6	7.9 J	4.0	25	5
10335	1,1,2-Trichloroeth	ane	79-00-5	N.D.	4.0	25	5
10335	Trichloroethene		79-01-6	7,900	50	250	50
10335	Trichlorofluoromet	hane	75-69-4	N.D.	10	25	5
10335	1,2,3-Trichloropro		96-18-4	N.D.	5.0	25	5
10335	Vinyl Chloride	pario	75-01-4	1,200	5.0	25	5
GC Mi	scellaneous	RSKSOP.	-175 modified	ug/l	ug/l	ug/l	
07105	Ethane		74-84-0	1.1 J	1.0	5.0	1
07105	Ethane Ethene		74-84-0	1.1 J	1.0	5.0	1
	Methane				3.0		
07105	Methane		74-82-8	45	3.0	5.0	1
Metal	5	SW-846		mg/l	mg/l	mg/l	
01754	Iron		7439-89-6	2.02	0.0333	0.200	1
07058	Manganese		7439-96-5	0.0802	0.00083	0.0050	1
Wet Cl	hemistry	EPA 300	0.0	mg/l	mg/l	mg/l	
00224	Chloride		16887-00-6	65.7	4.0	8.0	20

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



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Sample Description: B-17 Water

BP Sanborn COC: 188011 2040 Cory Dr - Sanborn, NY LLI Sample # WW 7011179 LLI Group # 1380662 Account # 12495

Project Name: BP Sanborn

Submitted: 04/05/2013 09:40

Reported: 04/17/2013 17:05

Collected: 04/04/2013 09:25 by RCB Atlantic Richfield(Parsons-NY)

BP Corporation

501 WestLake Park Blvd

Houston TX 77079

-B-17

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit*	As Received Limit of Quantitation	Dilution Factor
Wet Cl	nemistry EPA 3	00.0	mg/l	mg/l	mg/l	
00368	Nitrate Nitrogen	14797-55-8	0.45 J	0.25	0.50	5
01506	Nitrite Nitrogen	14797-65-0	N.D.	0.40	0.50	5
00228	Sulfate	14808-79-8	188	6.0	20.0	20
	EPA 4:	15.1 modified	mg/l	mg/l	mg/l	
07547	Dissolved Organic Carbon	n.a.	4.4	0.50	1.0	1
	EPA 4:	10.4	mg/l	mg/l	mg/l	
04001	Chemical Oxygen Demand	n.a.	30.7 J	12.8	50.0	1
	SM 52	10 B-2001	mg/l	mg/l	mg/l	
00235	Biochemical Oxygen Demand	n.a.	N.D.	3.2	3.2	1
	The laboratory control samp of 72%. The method accepta holding time had lapsed, BC with client consent.	ance window is 85% t	o 115%. Becaus	e the 48-hour		

General Sample Comments

State of New York Certification No. 10670

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

Laboratory Sample Analysis Record Method CAT Analysis Name Trial# Batch# Analysis Analyst Dilution Date and Time Factor No. 10335 VOCs 8260 Parsons Specs SW-846 8260B N131001AA 04/10/2013 15:19 Linda C Pape 5 List 10335 VOCs 8260 Parsons Specs N131001AA SW-846 8260B 04/10/2013 15:42 Linda C Pape List 01163 GC/MS VOA Water Prep SW-846 5030B 04/10/2013 15:19 1 N131001AA Linda C Pape 01163 GC/MS VOA Water Prep SW-846 5030B 2 N131001AA 04/10/2013 15:42 Linda C Pape 50 RSKSOP-175 131020025A 04/15/2013 17:53 Elizabeth J Marin 07105 Volatile Headspace 1 Hydrocarbon modified John W Yanzuk II 01754 Iron SW-846 6010B 1 131001848009 04/17/2013 02:31 1 John W Yanzuk II 07058 Manganese SW-846 6010B 131001848009 04/17/2013 02:31 WW SW846 ICP Digest (tot SW-846 3005A 1 131001848009 04/11/2013 09:18 Denise K Conners rec) 00224 Chloride EPA 300.0 13095655901B 04/09/2013 16:37 Christopher D 20 Meeks 00368 Nitrate Nitrogen EPA 300.0 1 13095655901B 04/05/2013 14:02 Christopher D 5 Meeks 01506 Nitrite Nitrogen EPA 300.0 13095655901B 04/05/2013 14:02 Christopher D Meeks

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



2425 New Holland Pike, Lancaster, PA 17601 • 717-656-2300 • Fax: 717-656-2681 • www.LancasterLabs.com

Sample Description: B-17 Water

BP Sanborn COC: 188011 2040 Cory Dr - Sanborn, NY LLI Sample # WW 7011179

LLI Group # 1380662 Account # 12495

Project Name: BP Sanborn

Submitted: 04/05/2013 09:40

Reported: 04/17/2013 17:05

Collected: 04/04/2013 09:25 by RCB Atlantic Richfield(Parsons-NY)

BP Corporation

501 WestLake Park Blvd

Houston TX 77079

-B-17

	Laboratory Sample Analysis Record												
CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Ti	me	Analyst	Dilution Factor					
00228	Sulfate	EPA 300.0	1	13095655901B	04/09/2013	16:37	Christopher D Meeks	20					
07547	Dissolved Organic Carbon	EPA 415.1 modified	1	13101049501A	04/11/2013	06:07	James S Mathiot	1					
04001	Chemical Oxygen Demand	EPA 410.4	1	13105400101B	04/15/2013	08:10	Susan A Engle	1					
00235	Biochemical Oxygen Demand	SM 5210 B-2001	1	13095023502A	04/05/2013	20:26	Hannah M Royer	1					



2425 New Holland Pike, Lancaster, PA 17601 • 717-656-2300 • Fax: 717-656-2681 • www.LancasterLabs.com

Sample Description: Field Dup #2 Water

BP Sanborn COC: R211768 2040 Cory Dr - Sanborn, NY LLI Sample # WW 7011180 LLI Group # 1380662 Account # 12495

Project Name: BP Sanborn

Submitted: 04/05/2013 09:40

Reported: 04/17/2013 17:05

Collected: 04/04/2013 by RCB Atlantic Richfield(Parsons-NY)

BP Corporation

501 WestLake Park Blvd

Houston TX 77079

-BPD2

CAT No.	Analysis Name		CAS Number	As Received Result	As Received Method Detection Limit*	As Received Limit of Quantitation	Dilution Factor
GC/MS	Volatiles	SW-846	8260B	ug/l	ug/l	ug/l	
10335	Benzyl Chloride		100-44-7	N.D.	1.0	5.0	1
10335	Bromobenzene		108-86-1	N.D.	1.0	5.0	1
10335	Bromodichlorometha	ne	75-27-4	N.D.	1.0	5.0	1
10335	Bromoform		75-25-2	N.D.	1.0	5.0	1
10335	Bromomethane		74-83-9	N.D.	1.0	5.0	1
10335	Carbon Tetrachlori	40	56-23-5	N.D.	1.0	5.0	1
10335	Chlorobenzene	.ue	108-90-7	N.D.	0.80	5.0	1
10335	Chloroethane		75-00-3	N.D.	1.0	5.0	1
		.1					
10335	2-Chloroethyl Viny		110-75-8	N.D.	2.0	10	1
	2-Chloroethyl viny preserve this samp		y not be recovered	d if acid was us	ed to		
10335	Chloroform		67-66-3	N.D.	0.80	5.0	1
10335	Chloromethane		74-87-3	N.D.	1.0	5.0	1
10335	Dibromochlorometha	ne	124-48-1	N.D.	1.0	5.0	1
10335	Dibromomethane		74-95-3	N.D.	1.0	5.0	1
10335	1.2-Dichlorobenzen	e	95-50-1	N.D.	1.0	5.0	1
10335	1,3-Dichlorobenzen		541-73-1	N.D.	1.0	5.0	1
10335	1,4-Dichlorobenzen		106-46-7	N.D.	1.0	5.0	1
10335	Dichlorodifluorome		75-71-8	N.D.	2.0	5.0	1
10335	1,1-Dichloroethane		75-34-3	N.D.	1.0	5.0	1
10335	1,2-Dichloroethane		107-06-2	N.D.	1.0	5.0	1
	•						
10335	1,1-Dichloroethene		75-35-4	N.D.	0.80	5.0	1
10335	cis-1,2-Dichloroet		156-59-2	9.8	0.80	5.0	1
10335	trans-1,2-Dichloro		156-60-5	1.3 J	0.80	5.0	1
10335	1,2-Dichloropropan		78-87-5	N.D.	1.0	5.0	1
10335	cis-1,3-Dichloropr		10061-01-5	N.D.	1.0	5.0	1
10335	trans-1,3-Dichloro		10061-02-6	N.D.	1.0	5.0	1
10335	Methylene Chloride		75-09-2	N.D.	2.0	5.0	1
10335	1,1,1,2-Tetrachlor		630-20-6	N.D.	1.0	5.0	1
10335	1,1,2,2-Tetrachlor	oethane	79-34-5	N.D.	1.0	5.0	1
10335	Tetrachloroethene		127-18-4	N.D.	0.80	5.0	1
10335	1,1,1-Trichloroeth	ane	71-55-6	N.D.	0.80	5.0	1
10335	1,1,2-Trichloroeth	ane	79-00-5	N.D.	0.80	5.0	1
10335	Trichloroethene		79-01-6	7.4	1.0	5.0	1
10335	Trichlorofluoromet	hane	75-69-4	N.D.	2.0	5.0	1
10335	1,2,3-Trichloropro	pane	96-18-4	N.D.	1.0	5.0	1
10335	Vinyl Chloride	_	75-01-4	N.D.	1.0	5.0	1
GC Mis	scellaneous	RSKSOP.	-175 modified	ug/l	ug/l	ug/l	
07105	Ethane		74-84-0	N.D.	1.0	5.0	1
07105	Ethene		74-85-1	N.D.	1.0	5.0	1
07105	Methane		74-85-1	N.D.	3.0	5.0	1
07105	Methane		74-82-8	N.D.	3.0	5.0	1
Metal	S	SW-846		mg/l	mg/l	mg/l	
01754	Iron		7439-89-6	N.D.	0.0333	0.200	1
07058	Manganese		7439-96-5	0.0083	0.00083	0.0050	1
Wet Cl	hemistry	EPA 300	0.0	mg/l	mg/l	mg/l	
00224	Chloride		16887-00-6	68.0	4.0	8.0	20

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



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Sample Description: Field Dup #2 Water

BP Sanborn COC: R211768 2040 Cory Dr - Sanborn, NY LLI Sample # WW 7011180 LLI Group # 1380662 Account # 12495

Project Name: BP Sanborn

Submitted: 04/05/2013 09:40

Reported: 04/17/2013 17:05

Collected: 04/04/2013 by RCB Atlantic Richfield(Parsons-NY)

BP Corporation

501 WestLake Park Blvd

Houston TX 77079

-BPD2

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit*	As Received Limit of Quantitation	Dilution Factor
Wet C	hemistry EPA 300.0		mg/l	mg/l	mg/l	
00368	Nitrate Nitrogen	14797-55-8	2.3	0.25	0.50	5
01506	Nitrite Nitrogen	14797-65-0	N.D.	0.40	0.50	5
00228	Sulfate	14808-79-8	74.0	1.5	5.0	5
	EPA 415.1	modified	mg/l	mg/l	mg/l	
07547	Dissolved Organic Carbon	n.a.	2.2	0.50	1.0	1
04001	EPA 410.4 Chemical Oxygen Demand	n.a.	mg/l N.D.	mg/l 12.8	mg/1 50.0	1
	SM 5210 B	-2001	mg/l	mg/l	mg/l	
00235	Biochemical Oxygen Demand The laboratory control sample ar of 72%. The method acceptance w holding time had lapsed, BOD was with client consent.	indow is 85% to	o 115%. Because	the 48-hour	2.4	1

General Sample Comments

State of New York Certification No. 10670 The temperature of the sample bottle(s) upon receipt at the lab was 7.6 - 8.8 C using an IR thermometer.

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

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Ti	me	Analyst	Dilution Factor
10335	VOCs 8260 Parsons Specs List	SW-846 8260B	1	N131001AA	04/10/2013	14:09	Linda C Pape	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	N131001AA	04/10/2013	14:09	Linda C Pape	1
07105	Volatile Headspace Hydrocarbon	RSKSOP-175 modified	1	131020025A	04/15/2013	18:12	Elizabeth J Marin	1
01754	Iron	SW-846 6010B	1	131001848009	04/17/2013	02:36	John W Yanzuk II	1
07058	Manganese	SW-846 6010B	1	131001848009	04/17/2013	02:36	John W Yanzuk II	1
01848	WW SW846 ICP Digest (tot rec)	SW-846 3005A	1	131001848009	04/11/2013	09:18	Denise K Conners	1
00224	Chloride	EPA 300.0	1	13095655901B	04/09/2013	17:23	Christopher D Meeks	20
00368	Nitrate Nitrogen	EPA 300.0	1	13095655901B	04/05/2013	14:17	Christopher D Meeks	5
01506	Nitrite Nitrogen	EPA 300.0	1	13095655901B	04/05/2013	14:17	Christopher D Meeks	5
00228	Sulfate	EPA 300.0	1	13095655901B	04/05/2013	14:17	Christopher D Meeks	5



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Sample Description: Field Dup #2 Water

BP Sanborn COC: R211768 2040 Cory Dr - Sanborn, NY LLI Sample # WW 7011180 LLI Group # 1380662 Account # 12495

Project Name: BP Sanborn

Collected: 04/04/2013 by RCB Atlantic Richfield(Parsons-NY)

BP Corporation

501 WestLake Park Blvd

Houston TX 77079

Submitted: 04/05/2013 09:40 Reported: 04/17/2013 17:05

-BPD2

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
07547	Dissolved Organic Carbon	EPA 415.1 modified	1	13101049501A	04/11/2013 06:22	James S Mathiot	1
04001	Chemical Oxygen Demand	EPA 410.4	1	13105400101B	04/15/2013 08:10	Susan A Engle	1
00235	Biochemical Oxygen Demand	SM 5210 B-2001	1	13095023502A	04/05/2013 20:26	Hannah M Royer	1



2425 New Holland Pike, Lancaster, PA 17601 • 717-656-2300 • Fax; 717-656-2681 • www.LancasterLabs.com

Sample Description: B-42 Water

BP Sanborn COC: 192461 2040 Cory Dr - Sanborn, NY LLI Sample # WW 7011181 LLI Group # 1380662 Account # 12495

Project Name: BP Sanborn

Submitted: 04/05/2013 09:40

Reported: 04/17/2013 17:05

Collected: 04/04/2013 13:30 by RCB Atlantic Richfield(Parsons-NY)

BP Corporation

501 WestLake Park Blvd

Houston TX 77079

-B-42

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit*	As Received Limit of Quantitation	Dilution Factor
GC/MS	Volatiles SW	-846 8260B	ug/l	ug/l	ug/l	
10335	Benzyl Chloride	100-44-7	N.D.	1.0	5.0	1
10335	Bromobenzene	108-86-1	N.D.	1.0	5.0	1
10335	Bromodichloromethane	75-27-4	N.D.	1.0	5.0	1
10335	Bromoform	75-25-2	N.D.	1.0	5.0	1
10335	Bromomethane	74-83-9	N.D.	1.0	5.0	1
10335	Carbon Tetrachloride	56-23-5	N.D.	1.0	5.0	1
10335	Chlorobenzene	108-90-7	N.D.	0.80	5.0	1
10335	Chloroethane	75-00-3	N.D.	1.0	5.0	1
10335	2-Chloroethyl Vinyl Eth		N.D.	2.0	10	1
10333	2-Chloroethyl vinyl eth				10	-
	preserve this sample.	ner may not be recove	red ir acid was us	led to		
10335	Chloroform	67-66-3	N.D.	0.80	5.0	1
10335	Chloromethane	74-87-3	N.D.	1.0	5.0	1
10335	Dibromochloromethane	124-48-1	N.D.	1.0	5.0	1
						1
10335 10335	Dibromomethane 1,2-Dichlorobenzene	74-95-3 95-50-1	N.D. N.D.	1.0	5.0 5.0	1
	•					
10335	1,3-Dichlorobenzene	541-73-1	N.D.	1.0	5.0	1
10335	1,4-Dichlorobenzene	106-46-7	N.D.	1.0	5.0	1
10335	Dichlorodifluoromethane		N.D.	2.0	5.0	1
10335	1,1-Dichloroethane	75-34-3	N.D.	1.0	5.0	1
10335	1,2-Dichloroethane	107-06-2	N.D.	1.0	5.0	1
10335	1,1-Dichloroethene	75-35-4	N.D.	0.80	5.0	1
10335	cis-1,2-Dichloroethene	156-59-2	11	0.80	5.0	1
10335	trans-1,2-Dichloroether		1.3 J	0.80	5.0	1
10335	1,2-Dichloropropane	78-87-5	N.D.	1.0	5.0	1
10335	cis-1,3-Dichloropropend			1.0	5.0	1
10335	trans-1,3-Dichloroprope	ene 10061-02-6	N.D.	1.0	5.0	1
10335	Methylene Chloride	75-09-2	N.D.	2.0	5.0	1
10335	1,1,1,2-Tetrachloroetha	ane 630-20-6	N.D.	1.0	5.0	1
10335	1,1,2,2-Tetrachloroetha	ane 79-34-5	N.D.	1.0	5.0	1
10335	Tetrachloroethene	127-18-4	N.D.	0.80	5.0	1
10335	1,1,1-Trichloroethane	71-55-6	N.D.	0.80	5.0	1
10335	1,1,2-Trichloroethane	79-00-5	N.D.	0.80	5.0	1
10335	Trichloroethene	79-01-6	7.7	1.0	5.0	1
10335	Trichlorofluoromethane	75-69-4	N.D.	2.0	5.0	1
10335	1,2,3-Trichloropropane	96-18-4	N.D.	1.0	5.0	1
10335	Vinyl Chloride	75-01-4	N.D.	1.0	5.0	1
C Mis	scellaneous RS	KSOP-175 modifie	d ug/l	ug/l	ug/l	
07105	Ethane	74-84-0	N.D.	1.0	5.0	1
07105	Ethene	74-85-1	N.D.	1.0	5.0	1
07105	Methane	74-82-8	N.D.	3.0	5.0	1
[etals	s sw	-846 6010B	mg/l	mg/l	mg/l	
01754	Iron	7439-89-6	N.D.	0.0333	0.200	1
01754	Manganese	7439-89-6	0.0081	0.00083	0.0050	1
Wet Cl	nemistry EP	A 300.0	mg/l	mg/l	mg/l	
00224	Chloride EF	16887-00-6	_	4.0	8.0	20
00224	CHILOLIUE	1000/-00-6	0.3.0	T . U		Z. U

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



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Sample Description: B-42 Water

BP Sanborn COC: 192461 2040 Cory Dr - Sanborn, NY LLI Sample # WW 7011181 LLI Group # 1380662 Account # 12495

Project Name: BP Sanborn

Submitted: 04/05/2013 09:40

Reported: 04/17/2013 17:05

Collected: 04/04/2013 13:30 by RCB Atlantic Richfield(Parsons-NY)

BP Corporation

501 WestLake Park Blvd

Houston TX 77079

-B-42

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit*	As Received Limit of Quantitation	Dilution Factor
Wet Cl	hemistry EPA 300.0		mg/l	mg/l	mg/l	
00368	Nitrate Nitrogen	14797-55-8	2.4	0.25	0.50	5
01506	Nitrite Nitrogen	14797-65-0	N.D.	0.40	0.50	5
00228	Sulfate	14808-79-8	74.7	1.5	5.0	5
	EPA 415.1	modified	mg/l	mg/l	mg/l	
07547	Dissolved Organic Carbon	n.a.	2.2	0.50	1.0	1
	EPA 410.4		mg/l	mg/l	mg/l	
04001	Chemical Oxygen Demand	n.a.	14.8 J	12.8	50.0	1
	SM 5210 B	-2001	mg/l	mg/l	mg/l	
00235	Biochemical Oxygen Demand	n.a.	N.D.	2.6	2.6	1
	The laboratory control sample and of 72%. The method acceptance wholding time had lapsed, BOD was with client consent.	indow is 85% to	115%. Because	the 48-hour		

General Sample Comments

State of New York Certification No. 10670

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

Laboratory Sample Analysis Record Method CAT Analysis Name Trial# Batch# Analysis Analyst Dilution Date and Time Factor No. 10335 VOCs 8260 Parsons Specs SW-846 8260B N131001AA 04/10/2013 14:32 Linda C Pape 01163 GC/MS VOA Water Prep SW-846 5030B N131001AA Linda C Pape 04/10/2013 14:32 07105 Volatile Headspace RSKSOP-175 Elizabeth J Marin 131020025A 04/15/2013 18:30 1 1 Hydrocarbon modified 01754 Iron SW-846 6010B 1 131001848009 04/17/2013 02:40 John W Yanzuk II 1 John W Yanzuk II SW-846 6010B 131001848009 04/17/2013 Manganese 02:40 1 01848 WW SW846 ICP Digest (tot SW-846 3005A 131001848009 04/11/2013 09:18 Denise K Conners 1 rec) 00224 Chloride EPA 300.0 1 13095655901B 04/09/2013 17:38 Christopher D 2.0 Meeks EPA 300.0 13095655901B 00368 Nitrate Nitrogen 04/05/2013 14:32 Christopher D Meeks 01506 Nitrite Nitrogen EPA 300.0 13095655901B 04/05/2013 14:32 5 Christopher D Meeks 00228 Sulfate EPA 300.0 13095655901B 04/05/2013 14:32 Christopher D Meeks EPA 415.1 modified 1 07547 Dissolved Organic Carbon 13101049501A James S Mathiot 1 04/11/2013 06:38



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Sample Description: B-42 Water

BP Sanborn COC: 192461 2040 Cory Dr - Sanborn, NY LLI Sample # WW 7011181 LLI Group # 1380662

Account # 12495

Project Name: BP Sanborn

Submitted: 04/05/2013 09:40

Reported: 04/17/2013 17:05

Collected: 04/04/2013 13:30 by RCB Atlantic Richfield(Parsons-NY)

BP Corporation

501 WestLake Park Blvd

Houston TX 77079

-B-42

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Ti	me	Analyst	Dilution Factor
04001	Chemical Oxygen Demand	EPA 410.4	1	13105400101B	04/15/2013	08:10	Susan A Engle	1
00235	Biochemical Oxygen Demand	SM 5210 B-2001	1	13095023502A	04/05/2013	20:26	Hannah M Royer	1



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Sample Description: PW-1 Water

BP Sanborn COC: 192461 2040 Cory Dr - Sanborn, NY LLI Sample # WW 7011182 LLI Group # 1380662 Account # 12495

Project Name: BP Sanborn

Submitted: 04/05/2013 09:40

Reported: 04/17/2013 17:05

Collected: 04/04/2013 10:00 by RCB Atlantic Richfield(Parsons-NY)

BP Corporation

501 WestLake Park Blvd

Houston TX 77079

-PW1-

CAT No.	Analysis Name	CAS Number	As Rec Result		As Received Method Detection Limit*	As Received Limit of Quantitation	Dilution Factor
GC/MS	Volatiles SW-846	8260B	ug/l		ug/l	ug/l	
10335	Benzyl Chloride	100-44-7	N.D.		1.0	5.0	1
10335	Bromobenzene	108-86-1	N.D.		1.0	5.0	1
10335	Bromodichloromethane	75-27-4	N.D.		1.0	5.0	1
10335	Bromoform	75-25-2	N.D.		1.0	5.0	1
10335	Bromomethane	74-83-9	N.D.		1.0	5.0	1
10335	Carbon Tetrachloride	56-23-5	N.D.		1.0	5.0	1
10335	Chlorobenzene	108-90-7	N.D.		0.80	5.0	1
10335	Chloroethane	75-00-3	N.D.		1.0	5.0	1
10335	2-Chloroethyl Vinyl Ether	110-75-8	N.D.		2.0	10	1
	2-Chloroethyl vinyl ether may preserve this sample.		if acid	was use	d to		
10335	Chloroform	67-66-3	N.D.		0.80	5.0	1
10335	Chloromethane	74-87-3	N.D.		1.0	5.0	1
10335	Dibromochloromethane	124-48-1	N.D.		1.0	5.0	1
10335	Dibromomethane	74-95-3	N.D.		1.0	5.0	1
10335	1,2-Dichlorobenzene	95-50-1	N.D.		1.0	5.0	1
10335	1,3-Dichlorobenzene	541-73-1	N.D.		1.0	5.0	1
10335	1,4-Dichlorobenzene	106-46-7	N.D.		1.0	5.0	1
10335	Dichlorodifluoromethane	75-71-8	N.D.		2.0	5.0	1
10335	1,1-Dichloroethane	75-34-3	2.1	J	1.0	5.0	1
10335	1,2-Dichloroethane	107-06-2	N.D.		1.0	5.0	1
10335	1,1-Dichloroethene	75-35-4	1.1	J	0.80	5.0	1
10335	cis-1,2-Dichloroethene	156-59-2	220		0.80	5.0	1
10335	trans-1,2-Dichloroethene	156-60-5	1.7	J	0.80	5.0	1
10335	1,2-Dichloropropane	78-87-5	N.D.		1.0	5.0	1
10335	cis-1,3-Dichloropropene	10061-01-5	N.D.		1.0	5.0	1
10335	trans-1,3-Dichloropropene	10061-02-6	N.D.		1.0	5.0	1
10335	Methylene Chloride	75-09-2	N.D.		2.0	5.0	1
10335	1,1,1,2-Tetrachloroethane	630-20-6	N.D.		1.0	5.0	1
10335	1,1,2,2-Tetrachloroethane	79-34-5	N.D.		1.0	5.0	1
10335	Tetrachloroethene	127-18-4	N.D.		0.80	5.0	1
10335	1,1,1-Trichloroethane	71-55-6	1.5	J	0.80	5.0	1
10335	1,1,2-Trichloroethane	79-00-5	N.D.		0.80	5.0	1
10335	Trichloroethene	79-01-6	610		10	50	10
10335	Trichlorofluoromethane	75-69-4	N.D.		2.0	5.0	1
10335	1,2,3-Trichloropropane	96-18-4	N.D.		1.0	5.0	1
10335	Vinyl Chloride	75-01-4	9.4		1.0	5.0	1

General Sample Comments

State of New York Certification No. 10670 The temperature of the sample bottle(s) upon receipt at the lab was 7.6 - 8.8 C using an IR thermometer.

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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Sample Description: PW-1 Water

BP Sanborn COC: 192461 2040 Cory Dr - Sanborn, NY LLI Sample # WW 7011182 LLI Group # 1380662 Account # 12495

Project Name: BP Sanborn

Submitted: 04/05/2013 09:40

Reported: 04/17/2013 17:05

Collected: 04/04/2013 10:00 by RCB Atlantic Richfield(Parsons-NY)

BP Corporation

501 WestLake Park Blvd

Houston TX 77079

-PW1-

Laboratory Sample Analysis Record										
CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor			
10335	VOCs 8260 Parsons Specs List	SW-846 8260B	1	N131001AA	04/10/2013 14:56	Linda C Pape	1			
10335	VOCs 8260 Parsons Specs List	SW-846 8260B	1	N131001AA	04/10/2013 19:12	Linda C Pape	10			
	GC/MS VOA Water Prep GC/MS VOA Water Prep	SW-846 5030B SW-846 5030B	1 2	N131001AA N131001AA	04/10/2013 14:56 04/10/2013 19:12	Linda C Pape Linda C Pape	1 10			



2425 New Holland Pike, Lancaster, PA 17601 • 717-656-2300 • Fax: 717-656-2681 • www.LancasterLabs.com

Sample Description: P-2 Water

BP Sanborn COC: 192461 2040 Cory Dr - Sanborn, NY LLI Sample # WW 7011183 LLI Group # 1380662 Account # 12495

Project Name: BP Sanborn

Submitted: 04/05/2013 09:40

Reported: 04/17/2013 17:05

Collected: 04/04/2013 14:00 by RCB Atlantic Richfield(Parsons-NY)

BP Corporation

501 WestLake Park Blvd

Houston TX 77079

-P2--

CAT No.	Analysis Name		CAS Number	As Rec Result		As Received Method Detection Limit*	As Received Limit of Quantitation	Dilution Factor
GC/MS	Volatiles SW	-846 8	260B	ug/l		ug/l	ug/l	
10335	Benzyl Chloride		100-44-7	N.D.		2.0	10	2
10335	Bromobenzene		108-86-1	N.D.		2.0	10	2
10335	Bromodichloromethane		75-27-4	N.D.		2.0	10	2
10335	Bromoform		75-25-2	N.D.		2.0	10	2
10335	Bromomethane		74-83-9	N.D.		2.0	10	2
10335	Carbon Tetrachloride		56-23-5	N.D.		2.0	10	2
10335	Chlorobenzene		108-90-7	N.D.		1.6	10	2
10335	Chloroethane		75-00-3	N.D.		2.0	10	2
10335	2-Chloroethyl Vinyl Eth	er	110-75-8	N.D.		4.0	20	2
	2-Chloroethyl vinyl eth preserve this sample.	er may	not be recovered	if acid	l was use	d to		
10335	Chloroform		67-66-3	N.D.		1.6	10	2
10335	Chloromethane		74-87-3	N.D.		2.0	10	2
10335	Dibromochloromethane		124-48-1	N.D.		2.0	10	2
10335	Dibromomethane		74-95-3	N.D.		2.0	10	2
10335	1,2-Dichlorobenzene		95-50-1	N.D.		2.0	10	2
10335	1,3-Dichlorobenzene		541-73-1	N.D.		2.0	10	2
10335	1,4-Dichlorobenzene		106-46-7	N.D.		2.0	10	2
10335	Dichlorodifluoromethane		75-71-8	N.D.		4.0	10	2
10335	1,1-Dichloroethane		75-34-3	81		2.0	10	2
10335	1,2-Dichloroethane		107-06-2	N.D.		2.0	10	2
10335	1,1-Dichloroethene		75-35-4	22		1.6	10	2
10335	cis-1,2-Dichloroethene		156-59-2	640		80	500	100
10335	trans-1,2-Dichloroethen	.e	156-60-5	7.9	J	1.6	10	2
10335	1,2-Dichloropropane		78-87-5	N.D.		2.0	10	2
10335	cis-1,3-Dichloropropene		10061-01-5	N.D.		2.0	10	2
10335	trans-1,3-Dichloroprope	ne	10061-02-6	N.D.		2.0	10	2
10335	Methylene Chloride		75-09-2	N.D.		4.0	10	2
10335	1,1,1,2-Tetrachloroetha		630-20-6	N.D.		2.0	10	2
10335	1,1,2,2-Tetrachloroetha	ne	79-34-5	N.D.		2.0	10	2
10335	Tetrachloroethene		127-18-4	N.D.		1.6	10	2
10335	1,1,1-Trichloroethane		71-55-6	590		80	500	100
10335	1,1,2-Trichloroethane		79-00-5	1.6	J	1.6	10	2
10335	Trichloroethene		79-01-6	6,300		100	500	100
10335	Trichlorofluoromethane		75-69-4	N.D.		4.0	10	2
10335	1,2,3-Trichloropropane		96-18-4	N.D.		2.0	10	2
10335	Vinyl Chloride		75-01-4	18		2.0	10	2

General Sample Comments

State of New York Certification No. 10670 The temperature of the sample bottle(s) upon receipt at the lab was 7.6 - 8.8 C using an IR thermometer.

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



Account

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Sample Description: P-2 Water

BP Sanborn COC: 192461 2040 Cory Dr - Sanborn, NY LLI Sample # WW 7011183 LLI Group # 1380662 # 12495

Project Name: BP Sanborn

Submitted: 04/05/2013 09:40

Reported: 04/17/2013 17:05

Collected: 04/04/2013 14:00 by RCB Atlantic Richfield(Parsons-NY)

BP Corporation

501 WestLake Park Blvd

Houston TX 77079

Laboratory Sample Analysis Record										
CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor			
10335	VOCs 8260 Parsons Specs List	SW-846 8260B	1	N131001AA	04/10/2013 16:05	Linda C Pape	2			
10335	VOCs 8260 Parsons Specs List	SW-846 8260B	1	N131001AA	04/10/2013 19:35	Linda C Pape	100			
01163	GC/MS VOA Water Prep	SW-846 5030B	1	N131001AA	04/10/2013 16:05	Linda C Pape	2			
01163	GC/MS VOA Water Prep	SW-846 5030B	2	N131001AA	04/10/2013 19:35	Linda C Pape	100			



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Quality Control Summary

Client Name: Atlantic Richfield(Parsons-NY) Group Number: 1380662

Reported: 04/17/13 at 05:05 PM

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

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

Laboratory Compliance Quality Control

Analysis Name	Blank <u>Result</u>	Blank <u>MDL**</u>	Blank <u>LOQ</u>	Report <u>Units</u>	LCS %REC	LCSD %REC	LCS/LCSD <u>Limits</u>	RPD	RPD Max
Batch number: N131001AA	Sample nur	mber(s): 7	011177-701	L1183					
Benzyl Chloride	N.D.	1.0	5.0	uq/l	90		49-120		
Bromobenzene	N.D.	1.0	5.0	ug/l	97		80-120		
Bromodichloromethane	N.D.	1.0	5.0	ug/l	108		73-120		
Bromoform	N.D.	1.0	5.0	ug/l	112		61-120		
Bromomethane	N.D.	1.0	5.0	ug/l	96		51-120		
Carbon Tetrachloride	N.D.	1.0	5.0	ug/l	126		65-137		
Chlorobenzene	N.D.	0.80	5.0	ug/l	106		80-120		
Chloroethane	N.D.	1.0	5.0	ug/l	91		60-120		
2-Chloroethyl Vinyl Ether	N.D.	2.0	10	ug/l	80		52-127		
Chloroform	N.D.	0.80	5.0	ug/l	112		77-122		
Chloromethane	N.D.	1.0	5.0	uq/l	79		54-123		
Dibromochloromethane	N.D.	1.0	5.0	ug/l	114		72-120		
Dibromomethane	N.D.	1.0	5.0	ug/l	106		80-120		
1,2-Dichlorobenzene	N.D.	1.0	5.0	ug/l	99		80-120		
1,3-Dichlorobenzene	N.D.	1.0	5.0	ug/l	100		80-120		
1,4-Dichlorobenzene	N.D.	1.0	5.0	ug/l	98		80-120		
Dichlorodifluoromethane	N.D.	2.0	5.0	ug/l	93		35-122		
1,1-Dichloroethane	N.D.	1.0	5.0	ug/l	102		79-120		
1,2-Dichloroethane	N.D.	1.0	5.0	ug/l	118		64-130		
1,1-Dichloroethene	N.D.	0.80	5.0	ug/l	110		76-124		
cis-1,2-Dichloroethene	N.D.	0.80	5.0	ug/l	103		80-120		
trans-1,2-Dichloroethene	N.D.	0.80	5.0	ug/l	102		80-120		
1,2-Dichloropropane	N.D.	1.0	5.0	ug/l	97		80-120		
cis-1,3-Dichloropropene	N.D.	1.0	5.0	ug/l	107		78-120		
trans-1,3-Dichloropropene	N.D.	1.0	5.0	ug/l	104		66-124		
Methylene Chloride	N.D.	2.0	5.0	ug/l	104		84-118		
1,1,1,2-Tetrachloroethane	N.D.	1.0	5.0	ug/l	116		79-120		
1,1,2,2-Tetrachloroethane	N.D.	1.0	5.0	ug/l	83		70-129		
Tetrachloroethene	N.D.	0.80	5.0	ug/l	111		79-120		
1,1,1-Trichloroethane	N.D.	0.80	5.0	ug/l	117		66-126		
1,1,2-Trichloroethane	N.D.	0.80	5.0	ug/l	101		80-120		
Trichloroethene	N.D.	1.0	5.0	ug/l	106		80-120		
Trichlorofluoromethane	N.D.	2.0	5.0	ug/l	117		65-130		
1,2,3-Trichloropropane	N.D.	1.0	5.0	ug/l	92		76-120		
Vinyl Chloride	N.D.	1.0	5.0	ug/l	94		63-120		
Batch number: 131020025A	Sample nur								
Ethane	N.D.	1.0	5.0	ug/l	101		80-120		
Ethene	N.D.	1.0	5.0	ug/l	98		80-120		
Methane	N.D.	3.0	5.0	ug/l	100		80-120		
Batch number: 131001848009	Sample nur								
Iron	N.D.	0.0333	0.200	mg/1	93		90-112		

^{*-} Outside of specification

^{**-}This limit was used in the evaluation of the final result for the blank

⁽¹⁾ The result for one or both determinations was less than five times the LOQ.

⁽²⁾ The unspiked result was more than four times the spike added.

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Quality Control Summary

Client Name: Atlantic Richfield(Parsons-NY) Group Number: 1380662

Reported: 04/17/13 at 05:05 PM

<u>Analysis Name</u> Manganese	Blank <u>Result</u> N.D.	Blank MDL** 0.00083	Blank <u>LOO</u> 0.0050	Report <u>Units</u> mg/l	LCS <u>%REC</u> 103	LCSD <u>%REC</u>	LCS/LCSD Limits 90-110	RPD	RPD Max
Batch number: 13095655901B	Sample numi	ber(s): 70	11177-701	1181					
Chloride	N.D.	0.20	0.40	mg/l	98		90-110		
Nitrate Nitrogen	N.D.	0.050	0.10	mg/l	103		90-110		
Nitrite Nitrogen	N.D.	0.080	0.10	mg/l	100		90-110		
Sulfate	N.D.	0.30	1.0	mg/l	103		90-110		
Batch number: 13101049501A	Sample numl	ber(s): 70	11177-701	1181					
Dissolved Organic Carbon	N.D.	0.50	1.0	mg/l	97		86-114		
Batch number: 13095023502A Biochemical Oxygen Demand	Sample numi	ber(s): 70	11177-701	1181	72*		85-115		
Batch number: 13105400101B Chemical Oxygen Demand	Sample num	ber(s): 70	11177-701	1181	101		94-110		

Background (BKG) = the sample used in conjunction with the duplicate

Analysis Name	MS %REC	MSD %REC	MS/MSD <u>Limits</u>	RPD	RPD <u>MAX</u>	BKG Conc	DUP Conc	DUP <u>RPD</u>	Dup RPD <u>Max</u>
Batch number: N131001AA	Sample	number(s)	: 7011177	-70111	83 UNSE	K: P012549			
Benzyl Chloride	80	85	42-131	6	30				
Bromobenzene	95	100	82-115	5	30				
Bromodichloromethane	113	115	78-125	2	30				
Bromoform	107	111	48-118	3	30				
Bromomethane	102	108	47-129	6	30				
Carbon Tetrachloride	142*	140*	72-135	1	30				
Chlorobenzene	107	109	87-124	2	30				
Chloroethane	108	112	51-145	4	30				
2-Chloroethyl Vinyl Ether	0*	0*	10-151	0	30				
Chloroform	118	118	81-134	0	30				
Chloromethane	79	85	46-137	7	30				
Dibromochloromethane	114	116	74-116	1	30				
Dibromomethane	109	112	83-119	3	30				
1,2-Dichlorobenzene	99	101	84-119	2	30				
1,3-Dichlorobenzene	99	102	86-121	3	30				
1,4-Dichlorobenzene	97	100	85-121	3	30				
Dichlorodifluoromethane	105	105	52-129	0	30				
1,1-Dichloroethane	107	112	84-129	5	30				
1,2-Dichloroethane	125	124	68-131	0	30				
1,1-Dichloroethene	118	123	75-155	4	30				
cis-1,2-Dichloroethene	-30 (2)	-20 (2)	80-141	0	30				
trans-1,2-Dichloroethene	107	109	81-142	1	30				
1,2-Dichloropropane	96	102	83-124	6	30				
cis-1,3-Dichloropropene	96	104	70-116	9	30				
trans-1,3-Dichloropropene	98	102	74-119	4	30				
Methylene Chloride	104	110	78-133	6	30				
1,1,1,2-Tetrachloroethane	118	123	74-136	4	30				
1,1,2,2-Tetrachloroethane	79	85	72-128	7	30				

^{*-} Outside of specification

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

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Page 3 of 4

Quality Control Summary

Client Name: Atlantic Richfield(Parsons-NY) Group Number: 1380662

Reported: 04/17/13 at 05:05 PM

Sample Matrix Quality Control

Unspiked (UNSPK) = the sample used in conjunction with the matrix spike Background (BKG) = the sample used in conjunction with the duplicate

	MS	MSD	MS/MSD		RPD	BKG	DUP	DUP	Dup RPD
<u>Analysis Name</u>	%REC	%REC	<u>Limits</u>	RPD	<u>MAX</u>	Conc	Conc	<u>RPD</u>	Max
Tetrachloroethene	119	121	80-128	2	30				
1,1,1-Trichloroethane	130	133	69-140	2	30				
1,1,2-Trichloroethane	97	103	71-141	5	30				
Trichloroethene	113	117	88-133	3	30				
Trichlorofluoromethane	137	137	64-146	0	30				
1,2,3-Trichloropropane	86	89	76-118	4	30				
Vinyl Chloride	-18 (2)	27 (2)	66-133	3	30				
Batch number: 131020025A	Sample	number(s)	: 7011177	-70111	81 UNSP	K: P011250			
Ethane	105	113	32-129	7	20				
Ethene	199*	217*	35-162	9	20				
Methane	-3020	-3240	35-157	2	20				
	(2)	(2)							
Batch number: 131001848009	Sample	number(s)	: 7011177	-70111	81 UNSP	K: P011250	BKG: P011250)	
Iron	55 (2)	78 (2)	75-125	0	20	48.2	48.6	1	20
Manganese	39 (2)	22 (2)	75-125	1	20	7.73	7.66	1	20
Batch number: 13095655901B	Sample	number(s)	: 7011177	-70111	81 UNSP	K: P010922	BKG: P010922	2	
Chloride	97		90-110			N.D.	N.D.	0 (1)	20
Nitrate Nitrogen	99		90-110			N.D.	N.D.	0 (1)	20
Nitrite Nitrogen	98		90-110			N.D.	N.D.	0 (1)	20
Sulfate	99		90-110			N.D.	N.D.	0 (1)	20
Batch number: 13101049501A	Sample	number(s)	: 7011177	-70111	81 UNSP	K: P010220	BKG: P010220)	
Dissolved Organic Carbon	102		54-135			1.8	1.8	2 (1)	2
Batch number: 13095023502A	Sample	number(s)	: 7011177	-70111	81 UNSP	K: P011062	BKG: P010414	L	
Biochemical Oxygen Demand	96	98	69-139	2	8	307	392	24*	15
Batch number: 13105400101B	Sample	number(s)	: 7011177	-70111	81 UNSP	K: 7011181	BKG: 7011181	_	
Chemical Oxygen Demand	98	(0)	90-110			14.8 J	N.D.	200* (1)	5

Surrogate Quality Control

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

Analysis Name: PPL + Xylene (total) by 8260

Batch number: N131001AA

	Dibromofluoromethane	1,2-Dichloroethane-d4	Toluene-d8	4-Bromofluorobenzene
B0111BB	110	101		
7011177	113	101	98	99
7011178	112	103	96	97
7011179	112	99	99	98
7011180	111	99	97	96
7011181	111	100	97	97
7011182	111	103	98	98
7011183	113	100	99	97

^{*-} Outside of specification

^{**-}This limit was used in the evaluation of the final result for the blank

⁽¹⁾ The result for one or both determinations was less than five times the LOQ.

⁽²⁾ The unspiked result was more than four times the spike added.



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Page 4 of 4

Quality Control Summary

	Name: Atlantic d: 04/17/13 at	Group	Number:	1380662				
			Surrogate	Quality	Contro	L		
Blank	106	101	100	100				
LCS	105	100	100	103				
MS	108	98	100	103				
MSD	106	98	101	106				
Limits:	80-116	77-113	80-113	78-113				
	Name: Volatile He nber: 131020025A Propene	adspace Hydrocarb	on					
7011177	93							
7011178	86							
7011179	84							
7011180	89							
7011181	88							
Blank	100							
LCS	104							
MS	71							
MSD	72							

Limits:

42-131

^{*-} Outside of specification

^{**-}This limit was used in the evaluation of the final result for the blank

⁽¹⁾ The result for one or both determinations was less than five times the LOQ.

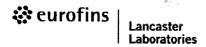
⁽²⁾ The unspiked result was more than four times the spike added.

_	bp 12495 /							LaMi	P Cł	nain _.	of C	uste	ody	Re	ecord	20	186	12		Pago	e_ <u></u>	of 4
3	**		e Node Path: P Facility No:	-											n/dd/yy): Number:					Rush TAT: `	Yes	No
												aD ***										
Lab Na	ime: Lancaster Labs										Consultan					<u> </u>						
Lab Ad	dress: 2425 New Holland	Pike Concas	le PA Apoi	Janoon MY 14132								Consultant/Contractor Project No:										
Lab PN	1 Kartlin- Plasterer		· · · · · · · · · · · · · · · · · · ·	Lead Regu	latory A	gency:	NY	SDE	<u>.c</u>						Address: (lo La	Rivie	<u>pe Dc</u>	<u> </u>	vte 350, BvH	ab, NY	4202
	ione (717) 656 - 2300			California	Global IE	No.:									Consultan	t/Contr	actor P	<u>м: Ge</u>	eon	ge Hermonce	<u>e</u>	
	aipping Accnt:			Enfos Prop	osal No	· Do	OB4	-00	04						Phone (716) 407-4990 Email:							
Lab Bo	ottle Order No: 136008			Accounting	g Mode:	10	Provisio	n	OOC-	BU	_ 000	C-RM			Email EDI) To: <u>[</u>	5/10	<u>iiell</u>	معلعا	and to lab.	.enfosdoc@	bp.com
Other I				Stage: (,Ċ		Activity	y: 81							Invoice To):		BP_ <u></u>	<u> </u>	Contractor_		_
BP Pro	oject Manager (PM): Bill	Barber		Mat	rix	No	. Contai	ners / i	Preser	vative			R	Requ	ested An	alyse	s			Report Typ	e & QC Le	∌vel
BP PM	Phone: (2/6) 271-803	38				ners									There					Stan	dard kage	
Lab Sample Description		Date Time		Soil / Solid Water / Liquid Air / Vapor		Total Number of Cont	Unpreserved	HZSO4 HNO3	HCI	Methanol	0928		AOS.	DOC	Method Ethone	Chlonele Mines			s	Comments Note: If sample not collected, indicate "No Sample" in comments and single-strike ou and initial any preprinted sample description		trike out
	B-44	4/4/13	1040		У	3	X				X											
		1	1		У	1	X				1	X										
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	ial Instructions:			•					,		-											
	THIS LINE - LAB USE ONLY: O	Custody Seals In Pla	ace: Yes No	Temp	Blank:	Yes) N	0	Cooler	Temp o	n Recei	ot: <u>3</u>	2	_°F/C	<u>)</u> [Trip Bla	ank: Ye	es) No	1	MS/N	MSD Sample Subm	itted: Yes	No)
BP Re	emediation Ma nagement COC - Effe			30, 2012		Ī	⊃age 2	abolate	y Cop	У										BP LaMP C	OC Rev. 7, A	lug 23, 2011

Atlantic | 2495 | 138062 | 70 | 1177-84 | Laboratory Management Program LaMP Chain of Custody Record Company | BP/ARC Project Name: BP, Sanbork 188011 Page 2 of 4 BP/ARC Facility Address: 2040 Cory Dr. Consultant/Contractor: Parsons ab Address: 2425 New Holland Pike Lancaster. PA 17601 City, State, ZIP Code: Consultant/Contractor Project No: Address: 40 Laliner Dr. Site 350 Buffalo, NY 14202 Lead Regulatory Agency: Consultant/Contractor PM: George Hermance California Global ID No.: Phone (716) 407 - 4990 Enfos Proposal No: DOOB4-0004 _ab Shipping Acent: Email EDD To: Lorraine Weber Lab Bottle Order No: 136 008 Accounting Mode: 30 Provision OOC-BU BP/ARC Stage: 100 Activity: %1 Contractor Other Info: No. Containers / Preservative Report Type & QC Level BP/ARC EBM: Matrix Requested Analyses Standard 271-8638 BM Phone: Full Data Package _____ EBM Email: Water / Liquid Total Number Unpreserved Lab Comments Date Time Sample Description Soil / Solid Air / Vapor No. Methanol CaD Note: If sample not collected, indicate "No H₂SO₄ HN03 Sample" in comments and single-strike out 오 and initial any preprinted sample description. B-43 1205 2 6925 Relinquished By / Affiliation Time Accepted By / Affiliation Date Time Sampler's Name: D+M Exteriorises 414/13 O+M Sampler's Company: Ship Date: 4/4/3 Shipment Method: FeD FX Welorah a Mesland LIE 4/5/13 0940 Shipment Tracking No: 801301784601 Special Instructions: Cooler Temp on Receipt: 3,2 Temp Blank: Yes)No THIS LINE - LAB USE ONLY: Custody Seals In Place: Yes No Trip Blank: Yes No MS/MSD Sample Submitted: Yes No

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		New Holland Pike	Conca	deri	PR 17601	City,	State, 2	ZIP C	ode:	Sa	ho	- -	بلا.	1413	32			- 1			Contractor				•	
		n Plasterer				Lead	Regula	atory /	Agency	رر :/	YS 7	EC							Address	: 40	LaRi	110/0	>.<	w.te 350, R.F.	Fil. NY	14202
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Lab No. Sample Description Date Time			Time	Soil / Solid	Water / Liquid	Air / Vapor	5	Unpreserved	H2SO4	HNO3	HCI	Methanol	0928	(9)	Rdc	SX Z	Motor the	Cloude, Mutra	Iron + Man			Con Note: If sample not or Sample" in comments and initial any preprin	s and single-s	trike out		
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Atlantic Add Laboratory Machineld Company A BP affiliated company	P / 70/// lanagement e: <u>BP S</u>	77-84 Program LaMP Chain	of Custody R Req Due Date (mrr Lab Work Order N	Record 19246:	Page 4 of 4 Rush TAT: Yes No			
Lab Name: Laucasker Labs	BP/ARC Facility	Address: 2040 Cory D.		Consultant/Contractor: Parsons				
Lab Address: 2425 Now Hellan Pla Concertor, PA 17	City, State, ZIP		3 <u>~</u>	Consultant/Contractor Project No:				
Lab PM: Kastlin Plasterer	Lead Regulatory			Address: 40 Calling P.	Surke 350 Bufforb, NV 14202			
Lab Phone: (717) 65% - 2300	California Globa	ıl ID No.:		Consultant/Contractor PM: Crearge Hemone				
Lab Shipping Acent:	Enfos Proposal i	No: DOOB4-0004		Phone: (716) 407 - 49	790			
Lab Bottle Order No: 136008	Accounting Mod	le: Drovision OOC-BU	OOC-RM	Email EDD To: Corraine	Weber			
Other Info:	Stage: 60	Activity: 8		Invoice To: BP/ARC	Contractor			
BP/ARC EBM: Bill Barbar	Matrix	No. Containers / Preservative	Requ	ested Analyses	Report Type & QC Level			
EBM Phone: (216) 271-8038		φ		323	Standard			
EBM Email:	_	Containers			Full Data Package			
Lab Sample Description Date Tim	Soil / Solid Water / Liquid Air / Vapor	Total Number of Cor Unpreserved H ₂ SO ₄ HNO ₃ HCI	3260	Methor Flore Cloude, Debe Iron + Mong	Comments Note: If sample not collected, indicate "No Sample" in comments and single-strike out and initial any preprinted sample description.			
B-42 4/4/3 133		1 ×	X					
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Sampler's Name: Kaha O C Reck	Re	linquished By / Affiliation	Date Time	Accepted By / Aff	filiation Date Time			
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Shipment Method: Feel EX Ship Date: 4/4/13	-			h 1				
Shipment Tracking No: 801301784601				Welman a Nesl	und UI 4/5/13 0940			
Special Instructions:	1	/. \ -	37 1					
THIS LINE - LAB USE ONLY: Custody Seals in Place Yes N	Temp Blank	Yes No Cooler Temp on Receip Laboratory Copy	1: <u>3,2 -</u> °F(C)	Trip Blank: Yes) No MS	S/MSD Sample Submitted: Yes No BP/ARC LaMP COC Rev. 6 01/01/2009			



Environmental Sample Administration Receipt Documentation Log

1380662

Client/	Project:[3P San	lon	Shippin	ig Containe	er Sealed: YES	NO (É				
Date o	f Receipt:	3P San 4/5	13	Custody	y Seal Pres	sent * : YE	s) NO				
Time o	f Receipt:	09	40	* Custody seal was intact unless otherwise noted in the							
Source	e Code:	50-	60-1 Package: Chilled Not								
			Temperature of	Shipping Conta	iners						
Cooler #	Thermometer ID	Temperature (°C)	Temp Bottle (TB) or Surface Temp (ST)	Wet Ice (WI) or Dry Ice (DI) or Ice Packs (IP)	Ice Present? Y/N	Loose (L) Bagged Ice (B) or NA	Comments				
1	2783	3,2	TB	WI	Y	B					
2											
3											
4											
5											
6											
Paperw	ork Discrepa	ncy/Unpack	OT listed on chain ing Problems: (୧୯՝d ∫)ℵ ໂພ								
Unpack	cer Signature	/Emp#:	Darfeslen	1/208	_ Date/Tir	ne: <u>4/5/13</u>	0955				

Issued by Dept. 6042 Management



Environmental Sample Administration 1380662 **Receipt Documentation Log**

Date of	Receipt:	tlantic (4/5/13 0940 50-1	Richfield 3	Shipping Container Sealed: YES NO Custody Seal Present *: YES NO * Custody seal was intact unless otherwise noted in the discrepancy section Package: Chilled Not Ch								
			Temperature of	Shipping Contai	ners							
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	1396	7.6	ST	WI	Y	B	8.18.18.8					
2												
3												
4												
5												
6												
Danona	Number of Trip Blanks received NOT listed on chain of custody:											
Coppe	Contained PW-1, P-2, Field Dup #2, 2 trip blanks											
Unpaci	ker Signature	e/Emp#:	Johl	3647	_ Date/Ti	me: <u>4/5//</u>	3 1030					

Issued by Dept. 6042 Management



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)
С	degrees Celsius	F	degrees Fahrenheit
meq	milliequivalents	lb.	pound(s)
g	gram(s)	kg	kilogram(s)
μg	microgram(s)	mg	milligram(s)
mL	milliliter(s)	L	liter(s)
m3	cubic meter(s)	μL	microliter(s)
		pg/L	picogram/liter

- < less than The number following the sign is the <u>limit of quantitation</u>, 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.

Inorganic Qualifiers

U.S. EPA CLP Data Qualifiers:

Organic Qualifiers

Α	TIC is a possible aldol-condensation product	В	Value is <crdl, but="" th="" ≥idl<=""></crdl,>
В	Analyte was also detected in the blank	E	Estimated due to interference
С	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	S	Method of standard additions (MSA) used
	the instrument		for calculation
N	Presumptive evidence of a compound (TICs only)	U	Compound was not detected
Р	Concentration difference between primary and	W	Post digestion spike out of control limits
	confirmation columns >25%	*	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 meet all requirements of NELAC unless otherwise noted under the individual analysis.

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

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

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

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ANALYTICAL RESULTS

Prepared by:

Prepared for:

Eurofins Lancaster Laboratories 2425 New Holland Pike Lancaster, PA 17601 Atlantic Richfield(Parsons-NY) BP Corporation 501 WestLake Park Blvd Houston TX 77079

April 17, 2013

Project: BP Sanborn

Submittal Date: 04/09/2013 Group Number: 1381449 PO Number: D00B4-0004 Release Number: BARBER State of Sample Origin: NY

Client Sample Description	Lancaster Labs (LLI) #
B-23 Water	7015024
B-6 Water	7015025
B-24 Water	7015026
B-24 MS Water	7015027
B-24 MSD Water	7015028
B-56 Water	7015029
B-57 Water	7015030
B-8 Water	7015031
B-9 Water	7015032
Field Dup #3 Water	7015033
Tank #2 Water	7015034

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

ELECTRONIC Parsons Attn: George Hermance

COPY TO

ELECTRONIC Parsons Attn: Lorraine Weber

COPY TO



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Respectfully Submitted,

Kaitlin N. Plasterer Specialist

Maither M. Pasterer

(717) 556-7323

Case Narrative



Project Name: BP Sanborn LLI Group #: 1381449

General Comments:

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

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

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

Project specific QC samples are included in this data set

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

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

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

Trip blank vials were not received by the laboratory for this sample group.

Analysis Specific Comments:

SW-846 8260B, GC/MS Volatiles

Batch #: W131012AA (Sample number(s): 7015024-7015030 UNSPK: 7015026)

The recovery(ies) for the following analyte(s) in the MS and/or MSD was outside the acceptance window: Dichlorodifluoromethane, Carbon Tetrachloride, cis-1,3-Dichloropropene

RSKSOP-175 modified, GC Miscellaneous

Batch #: 131060003A (Sample number(s): 7015024, 7015031 UNSPK: P12426)

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

EPA 300.0. Wet Chemistry

Batch #: 13099655901A (Sample number(s): 7015024, 7015031 UNSPK: P5388 BKG: P5388)

The duplicate RPD for the following analyte(s) exceeded the acceptance window: Nitrate Nitrogen

Sample #s: 7015031

Reporting limits were raised due to interference from the sample matrix.

EPA 410.4, Wet Chemistry

<u>Batch #: 13105400102B (Sample number(s): 7015024, 7015031 UNSPK: P15219 BKG: P15219)</u>

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

4/17/2013 4:47:57PM



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Sample Description: B-23 Water

BP Sanborn COC: 192467 2040 Cory Dr - Sanborn, NY LLI Sample # WW 7015024 LLI Group # 1381449 Account # 12495

Project Name: BP Sanborn

Submitted: 04/09/2013 09:25

Reported: 04/17/2013 16:43

Collected: 04/08/2013 12:00 by RCB Atlantic Richfield(Parsons-NY)

BP Corporation

501 WestLake Park Blvd

Houston TX 77079

SNB23

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit*	As Received Limit of Quantitation	Dilution Factor
GC/MS	Volatiles SW-	846 8260B	ug/l	ug/l	ug/l	
10335	Benzyl Chloride	100-44-7	N.D.	1.0	5.0	1
10335	Bromobenzene	108-86-1	N.D.	1.0	5.0	1
10335	Bromodichloromethane	75-27-4	N.D.	1.0	5.0	1
10335	Bromoform	75-25-2	N.D.	1.0	5.0	1
10335	Bromomethane	74-83-9	N.D.	1.0	5.0	1
10335	Carbon Tetrachloride	56-23-5	N.D.	1.0	5.0	1
10335	Chlorobenzene	108-90-7	N.D.	0.80	5.0	1
10335	Chloroethane	75-00-3	N.D.	1.0	5.0	1
10335	2-Chloroethyl Vinyl Ethe		N.D.	2.0	10	1
	2-Chloroethyl vinyl ethe					_
	preserve this sample.	I may not be recovered	a ii acia wab ab	ea co		
10335	Chloroform	67-66-3	N.D.	0.80	5.0	1
10335	Chloromethane	74-87-3	N.D.	1.0	5.0	1
10335	Dibromochloromethane	124-48-1	N.D.	1.0	5.0	1
10335	Dibromomethane	74-95-3	N.D.	1.0	5.0	1
10335	1,2-Dichlorobenzene	95-50-1	N.D.	1.0	5.0	1
10335	1,3-Dichlorobenzene	541-73-1	N.D.	1.0	5.0	1
10335	1,4-Dichlorobenzene	106-46-7	N.D.	1.0	5.0	1
10335	Dichlorodifluoromethane			2.0	5.0	1
10335	1,1-Dichloroethane	75-71-8	N.D. N.D.		5.0	1
	· ·	75-34-3		1.0		
10335	1,2-Dichloroethane	107-06-2	N.D.	1.0	5.0	1
10335	1,1-Dichloroethene	75-35-4	N.D.	0.80	5.0	1
10335	cis-1,2-Dichloroethene	156-59-2	220	0.80	5.0	1
10335	trans-1,2-Dichloroethene		N.D.	0.80	5.0	1
10335	1,2-Dichloropropane	78-87-5	N.D.	1.0	5.0	1
10335	cis-1,3-Dichloropropene	10061-01-5	N.D.	1.0	5.0	1
10335	trans-1,3-Dichloropropen		N.D.	1.0	5.0	1
10335	Methylene Chloride	75-09-2	N.D.	2.0	5.0	1
10335	1,1,1,2-Tetrachloroethan		N.D.	1.0	5.0	1
10335	1,1,2,2-Tetrachloroethan		N.D.	1.0	5.0	1
10335	Tetrachloroethene	127-18-4	N.D.	0.80	5.0	1
10335	1,1,1-Trichloroethane	71-55-6	N.D.	0.80	5.0	1
10335	1,1,2-Trichloroethane	79-00-5	N.D.	0.80	5.0	1
10335	Trichloroethene	79-01-6	3.7 J	1.0	5.0	1
10335	Trichlorofluoromethane	75-69-4	N.D.	2.0	5.0	1
10335	1,2,3-Trichloropropane	96-18-4	N.D.	1.0	5.0	1
10335	Vinyl Chloride	75-01-4	28	1.0	5.0	1
C Mis	scellaneous RSK	SOP-175 modified	ug/l	ug/l	ug/l	
07105	Ethane	74-84-0	N.D.	1.0	5.0	1
07105	Ethene	74-85-1	N.D.	1.0	5.0	1
07105	Methane	74-82-8	N.D.	3.0	5.0	1
fetal:	SW-	846 6010B	mg/l	mg/l	mg/l	
01754	Iron	7439-89-6	1.09	0.0333	0.200	1
07058	Manganese	7439-96-5	0.0289	0.00083	0.0050	1
Jet Cl	nemistry EPA	300.0	mg/l	mg/l	mg/l	
00224	Chloride EFA	16887-00-6	70.3	4.0	8.0	20
00224	CHIOLIGE	1000/-00-6	/ U 5	4 . U	O . U	Z. U

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



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Sample Description: B-23 Water

BP Sanborn COC: 192467 2040 Cory Dr - Sanborn, NY LLI Sample # WW 7015024 LLI Group # 1381449

Account # 12495

Project Name: BP Sanborn

Submitted: 04/09/2013 09:25

Reported: 04/17/2013 16:43

Collected: 04/08/2013 12:00 by RCB Atlantic Richfield(Parsons-NY)

BP Corporation

501 WestLake Park Blvd

Houston TX 77079

SNB23

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit*	As Received Limit of Quantitation	Dilution Factor
Wet Cl	hemistry EPA 300.0		mg/l	mg/l	mg/l	
00368	Nitrate Nitrogen	14797-55-8	N.D.	0.25	0.50	5
01506	Nitrite Nitrogen	14797-65-0	N.D.	0.40	0.50	5
00228	Sulfate	14808-79-8	233	6.0	20.0	20
	EPA 415.1	modified	mg/l	mg/l	mg/l	
07547	Dissolved Organic Carbon	n.a.	1.9	0.50	1.0	1
	EPA 410.4		mg/l	mg/l	mg/l	
04001	Chemical Oxygen Demand	n.a.	N.D.	12.8	50.0	1
	SM 5210 B	-2001	mg/l	mg/l	mg/l	
00235	Biochemical Oxygen Demand	n.a.	N.D.	5.4	5.4	1

General Sample Comments

State of New York Certification No. 10670 $\,$

Trip blank vials were not received by the laboratory for this sample group.

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

Laboratory Sample Analysis Record Method Trial# Batch# CAT Analysis Dilution Analysis Name Analyst No. Date and Time Factor 10335 VOCs 8260 Parsons Specs SW-846 8260B W131012AA 04/11/2013 10:49 Emily R Styer List 01163 GC/MS VOA Water Prep SW-846 5030B W131012AA Emily R Stver 04/11/2013 10:49 1 07105 Volatile Headspace RSKSOP-175 1 131060003A 04/16/2013 16:26 Nicholas R Rossi 1 Hydrocarbon modified 131001848010 John W Yanzuk II 01754 Iron SW-846 6010B 04/17/2013 03:34 John W Yanzuk II 07058 Manganese SW-846 6010B 1 131001848010 04/17/2013 03:34 1 WW SW846 ICP Digest (tot 01848 SW-846 3005A 1 131001848010 04/11/2013 09:35 Denise K Conners 1 rec) 00224 Chloride EPA 300.0 13099655901A 04/10/2013 14:33 Christopher D Meeks 00368 Nitrate Nitrogen EPA 300.0 13099655901A 04/09/2013 22:12 Christopher D 5 Meeks 01506 Nitrite Nitrogen EPA 300.0 1 13099655901A 04/09/2013 22:12 Christopher D 5 Meeks 00228 Sulfate EPA 300.0 13099655901A 04/10/2013 14:33 Christopher D 20 Meeks 07547 Dissolved Organic Carbon EPA 415.1 modified 1 13106049501A 04/16/2013 03:21 James S Mathiot 1 04001 Chemical Oxygen Demand EPA 410.4 13105400102B 04/15/2013 08:10 Susan A Engle 1 13100023501A 00235 Biochemical Oxygen Demand SM 5210 B-2001 Susan E Hibner 04/10/2013 07:46 1

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



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Sample Description: B-6 Water

BP Sanborn COC: 192467 2040 Cory Dr - Sanborn, NY LLI Sample # WW 7015025 LLI Group # 1381449 Account # 12495

Project Name: BP Sanborn

Submitted: 04/09/2013 09:25

Reported: 04/17/2013 16:43

Collected: 04/08/2013 12:40 by RCB Atlantic Richfield(Parsons-NY)

BP Corporation

501 WestLake Park Blvd

Houston TX 77079

SNB06

CAT No.	Analysis Name	CAS Number	As Receiv Result	As Recei ed Method Detectio	ived on Limit*	As Received Limit of Quantitation	Dilution Factor
GC/MS	Volatiles SW-846	8260B	ug/l	ug/l		ug/l	
10335	Benzyl Chloride	100-44-7	N.D.	1.0		5.0	1
10335	Bromobenzene	108-86-1	N.D.	1.0		5.0	1
10335	Bromodichloromethane	75-27-4	N.D.	1.0		5.0	1
10335	Bromoform	75-25-2	N.D.	1.0		5.0	1
10335	Bromomethane	74-83-9	N.D.	1.0		5.0	1
10335	Carbon Tetrachloride	56-23-5	N.D.	1.0		5.0	1
10335	Chlorobenzene	108-90-7	N.D.	0.80		5.0	1
10335	Chloroethane	75-00-3	N.D.	1.0		5.0	1
10335	2-Chloroethyl Vinyl Ether	110-75-8	N.D.	2.0		10	1
	2-Chloroethyl vinyl ether may preserve this sample.	not be recovered	if acid wa	s used to			
10335	Chloroform	67-66-3	N.D.	0.80		5.0	1
10335	Chloromethane	74-87-3	N.D.	1.0		5.0	1
10335	Dibromochloromethane	124-48-1	N.D.	1.0		5.0	1
10335	Dibromomethane	74-95-3	N.D.	1.0		5.0	1
10335	1,2-Dichlorobenzene	95-50-1	N.D.	1.0		5.0	1
10335	1,3-Dichlorobenzene	541-73-1	N.D.	1.0		5.0	1
10335	1,4-Dichlorobenzene	106-46-7	N.D.	1.0		5.0	1
10335	Dichlorodifluoromethane	75-71-8	N.D.	2.0		5.0	1
10335	1,1-Dichloroethane	75-34-3	N.D.	1.0		5.0	1
10335	1,2-Dichloroethane	107-06-2	N.D.	1.0		5.0	1
10335	1,1-Dichloroethene	75-35-4	N.D.	0.80		5.0	1
10335	cis-1,2-Dichloroethene	156-59-2	23	0.80		5.0	1
10335	trans-1,2-Dichloroethene	156-60-5	0.80 J	0.80		5.0	1
10335	1,2-Dichloropropane	78-87-5	N.D.	1.0		5.0	1
10335	cis-1,3-Dichloropropene	10061-01-5	N.D.	1.0		5.0	1
10335	trans-1,3-Dichloropropene	10061-02-6	N.D.	1.0		5.0	1
10335	Methylene Chloride	75-09-2	N.D.	2.0		5.0	1
10335	1,1,1,2-Tetrachloroethane	630-20-6	N.D.	1.0		5.0	1
10335	1,1,2,2-Tetrachloroethane	79-34-5	N.D.	1.0		5.0	1
10335	Tetrachloroethene	127-18-4	N.D.	0.80		5.0	1
10335	1,1,1-Trichloroethane	71-55-6	N.D.	0.80		5.0	1
10335	1,1,2-Trichloroethane	79-00-5	N.D.	0.80		5.0	1
10335	Trichloroethene	79-01-6	220	10		50	10
10335	Trichlorofluoromethane	75-69-4	N.D.	2.0		5.0	1
10335	1,2,3-Trichloropropane	96-18-4	N.D.	1.0		5.0	1
10335	Vinyl Chloride	75-01-4	N.D.	1.0		5.0	1

General Sample Comments

State of New York Certification No. 10670

Trip blank vials were not received by the laboratory for this sample group.



Account

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Sample Description: B-6 Water

BP Sanborn COC: 192467 2040 Cory Dr - Sanborn, NY LLI Sample # WW 7015025 LLI Group # 1381449

12495

Project Name: BP Sanborn

Submitted: 04/09/2013 09:25

Reported: 04/17/2013 16:43

Collected: 04/08/2013 12:40 by RCB Atlantic Richfield(Parsons-NY)

BP Corporation

501 WestLake Park Blvd

Houston TX 77079

SNB06

Laboratory Sample Analysis Record											
CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Ti	me	Analyst	Dilution Factor			
10335	VOCs 8260 Parsons Specs List	SW-846 8260B	1	W131012AA	04/11/2013	11:13	Emily R Styer	1			
10335	VOCs 8260 Parsons Specs List	SW-846 8260B	1	W131051AA	04/15/2013	12:33	Christopher G Torres	10			
01163	GC/MS VOA Water Prep	SW-846 5030B	1	W131012AA	04/11/2013	11:13	Emily R Styer	1			
01163	GC/MS VOA Water Prep	SW-846 5030B	2	W131051AA	04/15/2013	12:33	Christopher G	10			



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Sample Description: B-24 Water

BP Sanborn COC: 192467 2040 Cory Dr - Sanborn, NY LLI Sample # WW 7015026 LLI Group # 1381449 Account # 12495

Project Name: BP Sanborn

Submitted: 04/09/2013 09:25

Reported: 04/17/2013 16:43

Collected: 04/08/2013 10:30 by RCB Atlantic Richfield(Parsons-NY)

BP Corporation

501 WestLake Park Blvd

Houston TX 77079

SNB24

CAT No.	Analysis Name	CAS Number	As Received Result	As Received d Method Detection Limit	As Received Limit of * Quantitation	Dilution Factor
GC/MS	Volatiles SW-846	8260B	ug/l	ug/l	ug/l	
10335	Benzyl Chloride	100-44-7	N.D.	1.0	5.0	1
10335	Bromobenzene	108-86-1	N.D.	1.0	5.0	1
10335	Bromodichloromethane	75-27-4	N.D.	1.0	5.0	1
10335	Bromoform	75-25-2	N.D.	1.0	5.0	1
10335	Bromomethane	74-83-9	N.D.	1.0	5.0	1
10335	Carbon Tetrachloride	56-23-5	N.D.	1.0	5.0	1
10335	Chlorobenzene	108-90-7	N.D.	0.80	5.0	1
10335	Chloroethane	75-00-3	N.D.	1.0	5.0	1
10335	2-Chloroethyl Vinyl Ether	110-75-8	N.D.	2.0	10	1
	2-Chloroethyl vinyl ether ma preserve this sample.	y not be recovered	if acid was	used to		
10335	Chloroform	67-66-3	N.D.	0.80	5.0	1
10335	Chloromethane	74-87-3	N.D.	1.0	5.0	1
10335	Dibromochloromethane	124-48-1	N.D.	1.0	5.0	1
10335	Dibromomethane	74-95-3	N.D.	1.0	5.0	1
10335	1,2-Dichlorobenzene	95-50-1	N.D.	1.0	5.0	1
10335	1,3-Dichlorobenzene	541-73-1	N.D.	1.0	5.0	1
10335	1,4-Dichlorobenzene	106-46-7	N.D.	1.0	5.0	1
10335	Dichlorodifluoromethane	75-71-8	N.D.	2.0	5.0	1
10335	1,1-Dichloroethane	75-34-3	N.D.	1.0	5.0	1
10335	1,2-Dichloroethane	107-06-2	N.D.	1.0	5.0	1
10335	1,1-Dichloroethene	75-35-4	N.D.	0.80	5.0	1
10335	cis-1,2-Dichloroethene	156-59-2	2.1 J	0.80	5.0	1
10335	trans-1,2-Dichloroethene	156-60-5	N.D.	0.80	5.0	1
10335	1,2-Dichloropropane	78-87-5	N.D.	1.0	5.0	1
10335	cis-1,3-Dichloropropene	10061-01-5	N.D.	1.0	5.0	1
10335	trans-1,3-Dichloropropene	10061-02-6	N.D.	1.0	5.0	1
10335	Methylene Chloride	75-09-2	N.D.	2.0	5.0	1
10335	1,1,1,2-Tetrachloroethane	630-20-6	N.D.	1.0	5.0	1
10335	1,1,2,2-Tetrachloroethane	79-34-5	N.D.	1.0	5.0	1
10335	Tetrachloroethene	127-18-4	N.D.	0.80	5.0	1
10335	1,1,1-Trichloroethane	71-55-6	N.D.	0.80	5.0	1
10335	1,1,2-Trichloroethane	79-00-5	N.D.	0.80	5.0	1
10335	Trichloroethene	79-01-6	5.2	1.0	5.0	1
10335	Trichlorofluoromethane	75-69-4	N.D.	2.0	5.0	1
10335	1,2,3-Trichloropropane	96-18-4	N.D.	1.0	5.0	1
10335	Vinyl Chloride	75-01-4	N.D.	1.0	5.0	1

General Sample Comments

State of New York Certification No. 10670

Trip blank vials were not received by the laboratory for this sample group.



Account

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Sample Description: B-24 Water

BP Sanborn COC: 192467 2040 Cory Dr - Sanborn, NY LLI Sample # WW 7015026 LLI Group # 1381449

12495

Project Name: BP Sanborn

Submitted: 04/09/2013 09:25

Reported: 04/17/2013 16:43

Collected: 04/08/2013 10:30 by RCB Atlantic Richfield(Parsons-NY)

BP Corporation

501 WestLake Park Blvd

Houston TX 77079

SNB24

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
10335	VOCs 8260 Parsons Specs List	SW-846 8260B	1	W131012AA	04/11/2013 11:37	Emily R Styer	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	W131012AA	04/11/2013 11:37	Emily R Styer	1



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Sample Description: B-24 MS Water

BP Sanborn COC: 192467 2040 Cory Dr - Sanborn, NY LLI Sample # WW 7015027 LLI Group # 1381449 Account # 12495

Project Name: BP Sanborn

Submitted: 04/09/2013 09:25

Reported: 04/17/2013 16:43

Collected: 04/08/2013 10:30 by RCB Atlantic Richfield(Parsons-NY)

BP Corporation

501 WestLake Park Blvd

Houston TX 77079

SNB24

CAT No.	Analysis Name		CAS Number	As Received Result	As Received Method Detection Limit*	As Received Limit of Quantitation	Dilution Factor
GC/MS	Volatiles	SW-846	8260B	ug/l	ug/l	ug/l	
10335	Benzyl Chloride		100-44-7	14	1.0	5.0	1
10335	Bromobenzene		108-86-1	22	1.0	5.0	1
10335	Bromodichloromethane	:	75-27-4	24	1.0	5.0	1
10335	Bromoform		75-25-2	18	1.0	5.0	1
10335	Bromomethane		74-83-9	19	1.0	5.0	1
10335	Carbon Tetrachloride	!	56-23-5	27	1.0	5.0	1
10335	Chlorobenzene		108-90-7	23	0.80	5.0	1
10335	Chloroethane		75-00-3	18	1.0	5.0	1
10335	2-Chloroethyl Vinyl	Ether	110-75-8	18	2.0	10	1
	2-Chloroethyl vinyl preserve this sample		y not be recovered	if acid was use	ed to		
10335	Chloroform		67-66-3	24	0.80	5.0	1
10335	Chloromethane		74-87-3	21	1.0	5.0	1
10335	Dibromochloromethane	:	124-48-1	22	1.0	5.0	1
10335	Dibromomethane		74-95-3	24	1.0	5.0	1
10335	1,2-Dichlorobenzene		95-50-1	21	1.0	5.0	1
10335	1,3-Dichlorobenzene		541-73-1	22	1.0	5.0	1
10335	1,4-Dichlorobenzene		106-46-7	22	1.0	5.0	1
10335	Dichlorodifluorometh	ane	75-71-8	27	2.0	5.0	1
10335	1,1-Dichloroethane		75-34-3	25	1.0	5.0	1
10335	1,2-Dichloroethane		107-06-2	26	1.0	5.0	1
10335	1,1-Dichloroethene		75-35-4	26	0.80	5.0	1
10335	cis-1,2-Dichloroethe		156-59-2	28	0.80	5.0	1
10335	trans-1,2-Dichloroet	hene	156-60-5	25	0.80	5.0	1
10335	1,2-Dichloropropane		78-87-5	23	1.0	5.0	1
10335	cis-1,3-Dichloroprop		10061-01-5	24	1.0	5.0	1
10335	trans-1,3-Dichloropr	opene	10061-02-6	20	1.0	5.0	1
10335	Methylene Chloride		75-09-2	23	2.0	5.0	1
10335	1,1,1,2-Tetrachloroe		630-20-6	22	1.0	5.0	1
10335	1,1,2,2-Tetrachloroe	thane	79-34-5	19	1.0	5.0	1
10335	Tetrachloroethene		127-18-4	25	0.80	5.0	1
10335	1,1,1-Trichloroethan		71-55-6	26	0.80	5.0	1
10335	1,1,2-Trichloroethan	e	79-00-5	21	0.80	5.0	1
10335	Trichloroethene		79-01-6	32	1.0	5.0	1
10335	Trichlorofluorometha		75-69-4	29	2.0	5.0	1
10335	1,2,3-Trichloropropa	ne	96-18-4	20	1.0	5.0	1
10335	Vinyl Chloride		75-01-4	22	1.0	5.0	1

General Sample Comments

State of New York Certification No. 10670

Trip blank vials were not received by the laboratory for this sample group.



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Sample Description: B-24 MS Water

BP Sanborn COC: 192467 2040 Cory Dr - Sanborn, NY LLI Sample # WW 7015027 LLI Group # 1381449 Account # 12495

Project Name: BP Sanborn

Collected: 04/08/2013 10:30 by RCB Atlantic Richfield(Parsons-NY)

BP Corporation

501 WestLake Park Blvd

Houston TX 77079

Submitted: 04/09/2013 09:25 Reported: 04/17/2013 16:43

SNB24

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
10335	VOCs 8260 Parsons Specs List	SW-846 8260B	1	W131012AA	04/11/2013 12:01	Emily R Styer	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	W131012AA	04/11/2013 12:01	Emily R Styer	1



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Sample Description: B-24 MSD Water

BP Sanborn COC: 192466 2040 Cory Dr - Sanborn, NY LLI Sample # WW 7015028 LLI Group # 1381449 Account # 12495

Project Name: BP Sanborn

Submitted: 04/09/2013 09:25

Reported: 04/17/2013 16:43

Collected: 04/08/2013 10:30 by RCB Atlantic Richfield(Parsons-NY)

BP Corporation

501 WestLake Park Blvd

Houston TX 77079

SNB24

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit*	As Received Limit of Quantitation	Dilution Factor
GC/MS	Volatiles SW-846	8260B	ug/l	ug/l	ug/l	
10335	Benzyl Chloride	100-44-7	14	1.0	5.0	1
10335	Bromobenzene	108-86-1	20	1.0	5.0	1
10335	Bromodichloromethane	75-27-4	22	1.0	5.0	1
10335	Bromoform	75-25-2	17	1.0	5.0	1
10335	Bromomethane	74-83-9	18	1.0	5.0	1
10335	Carbon Tetrachloride	56-23-5	25	1.0	5.0	1
10335	Chlorobenzene	108-90-7	21	0.80	5.0	1
10335	Chloroethane	75-00-3	17	1.0	5.0	1
10335	2-Chloroethyl Vinyl Ether	110-75-8	17	2.0	10	1
	2-Chloroethyl vinyl ether ma preserve this sample.	ay not be recovered	if acid was use	ed to		
10335	Chloroform	67-66-3	22	0.80	5.0	1
10335	Chloromethane	74-87-3	20	1.0	5.0	1
10335	Dibromochloromethane	124-48-1	21	1.0	5.0	1
10335	Dibromomethane	74-95-3	22	1.0	5.0	1
10335	1,2-Dichlorobenzene	95-50-1	20	1.0	5.0	1
10335	1,3-Dichlorobenzene	541-73-1	20	1.0	5.0	1
10335	1,4-Dichlorobenzene	106-46-7	20	1.0	5.0	1
10335	Dichlorodifluoromethane	75-71-8	25	2.0	5.0	1
10335	1,1-Dichloroethane	75-34-3	22	1.0	5.0	1
10335	1,2-Dichloroethane	107-06-2	24	1.0	5.0	1
10335	1,1-Dichloroethene	75-35-4	25	0.80	5.0	1
10335	cis-1,2-Dichloroethene	156-59-2	25	0.80	5.0	1
10335	trans-1,2-Dichloroethene	156-60-5	24	0.80	5.0	1
10335	1,2-Dichloropropane	78-87-5	21	1.0	5.0	1
10335	cis-1,3-Dichloropropene	10061-01-5	23	1.0	5.0	1
10335	trans-1,3-Dichloropropene	10061-02-6	18	1.0	5.0	1
10335	Methylene Chloride	75-09-2	22	2.0	5.0	1
10335	1,1,1,2-Tetrachloroethane	630-20-6	21	1.0	5.0	1
10335	1,1,2,2-Tetrachloroethane	79-34-5	18	1.0	5.0	1
10335	Tetrachloroethene	127-18-4	23	0.80	5.0	1
10335	1,1,1-Trichloroethane	71-55-6	24	0.80	5.0	1
10335	1,1,2-Trichloroethane	79-00-5	20	0.80	5.0	1
10335	Trichloroethene	79-01-6	30	1.0	5.0	1
10335	Trichlorofluoromethane	75-69-4	26	2.0	5.0	1
10335	1,2,3-Trichloropropane	96-18-4	18	1.0	5.0	1
10335	Vinyl Chloride	75-01-4	21	1.0	5.0	1

General Sample Comments

State of New York Certification No. 10670

Trip blank vials were not received by the laboratory for this sample group.



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Sample Description: B-24 MSD Water

BP Sanborn COC: 192466 2040 Cory Dr - Sanborn, NY LLI Sample # WW 7015028 LLI Group # 1381449 Account # 12495

Project Name: BP Sanborn

Submitted: 04/09/2013 09:25

Reported: 04/17/2013 16:43

Collected: 04/08/2013 10:30 by RCB Atlantic Richfield(Parsons-NY)

BP Corporation

501 WestLake Park Blvd

Houston TX 77079

SNB24

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
10335	VOCs 8260 Parsons Specs List	SW-846 8260B	1	W131012AA	04/11/2013 12:24	Emily R Styer	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	W131012AA	04/11/2013 12:24	Emily R Styer	1



2425 New Holland Pike, Lancaster, PA 17601 • 717-656-2300 • Fax; 717-656-2681 • www.LancasterLabs.com

Sample Description: B-56 Water

BP Sanborn COC: 192466 2040 Cory Dr - Sanborn, NY LLI Sample # WW 7015029 LLI Group # 1381449

Account # 12495

Project Name: BP Sanborn

Submitted: 04/09/2013 09:25

Reported: 04/17/2013 16:43

Collected: 04/08/2013 09:45 by RCB Atlantic Richfield(Parsons-NY)

BP Corporation

501 WestLake Park Blvd

Houston TX 77079

SNB56

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit*	As Received Limit of Quantitation	Dilution Factor
GC/MS	Volatiles SW-846 8	3260B	ug/l	ug/l	ug/l	
10335	Benzyl Chloride	100-44-7	N.D.	1.0	5.0	1
10335	Bromobenzene	108-86-1	N.D.	1.0	5.0	1
10335	Bromodichloromethane	75-27-4	N.D.	1.0	5.0	1
10335	Bromoform	75-25-2	N.D.	1.0	5.0	1
10335	Bromomethane	74-83-9	N.D.	1.0	5.0	1
10335	Carbon Tetrachloride	56-23-5	N.D.	1.0	5.0	1
10335	Chlorobenzene	108-90-7	N.D.	0.80	5.0	1
10335	Chloroethane	75-00-3	N.D.	1.0	5.0	1
10335	2-Chloroethyl Vinyl Ether	110-75-8	N.D.	2.0	10	1
	2-Chloroethyl vinyl ether may preserve this sample.	not be recovered	if acid was us	sed to		
10335	Chloroform	67-66-3	N.D.	0.80	5.0	1
10335	Chloromethane	74-87-3	N.D.	1.0	5.0	1
10335	Dibromochloromethane	124-48-1	N.D.	1.0	5.0	1
10335	Dibromomethane	74-95-3	N.D.	1.0	5.0	1
10335	1,2-Dichlorobenzene	95-50-1	N.D.	1.0	5.0	1
10335	1,3-Dichlorobenzene	541-73-1	N.D.	1.0	5.0	1
10335	1,4-Dichlorobenzene	106-46-7	N.D.	1.0	5.0	1
10335	Dichlorodifluoromethane	75-71-8	N.D.	2.0	5.0	1
10335	1,1-Dichloroethane	75-34-3	N.D.	1.0	5.0	1
10335	1,2-Dichloroethane	107-06-2	N.D.	1.0	5.0	1
10335	1,1-Dichloroethene	75-35-4	N.D.	0.80	5.0	1
10335	cis-1,2-Dichloroethene	156-59-2	27	0.80	5.0	1
10335	trans-1,2-Dichloroethene	156-60-5	0.97 J	0.80	5.0	1
10335	1,2-Dichloropropane	78-87-5	N.D.	1.0	5.0	1
10335	cis-1,3-Dichloropropene	10061-01-5	N.D.	1.0	5.0	1
10335	trans-1,3-Dichloropropene	10061-02-6	N.D.	1.0	5.0	1
10335	Methylene Chloride	75-09-2	N.D.	2.0	5.0	1
10335	1,1,1,2-Tetrachloroethane	630-20-6	N.D.	1.0	5.0	1
10335	1,1,2,2-Tetrachloroethane	79-34-5	N.D.	1.0	5.0	1
10335	Tetrachloroethene	127-18-4	N.D.	0.80	5.0	1
10335	1,1,1-Trichloroethane	71-55-6	N.D.	0.80	5.0	1
10335	1,1,2-Trichloroethane	79-00-5	N.D.	0.80	5.0	1
10335	Trichloroethene	79-01-6	110	1.0	5.0	1
10335	Trichlorofluoromethane	75-69-4	N.D.	2.0	5.0	1
10335	1,2,3-Trichloropropane	96-18-4	N.D.	1.0	5.0	1
10335	Vinyl Chloride	75-01-4	N.D.	1.0	5.0	1

General Sample Comments

State of New York Certification No. 10670

Trip blank vials were not received by the laboratory for this sample group.



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Sample Description: B-56 Water

BP Sanborn COC: 192466 2040 Cory Dr - Sanborn, NY LLI Sample # WW 7015029 LLI Group # 1381449

Account # 12495

Project Name: BP Sanborn

Submitted: 04/09/2013 09:25

Reported: 04/17/2013 16:43

Collected: 04/08/2013 09:45 by RCB Atlantic Richfield(Parsons-NY)

BP Corporation

501 WestLake Park Blvd

Houston TX 77079

SNB56

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
10335	VOCs 8260 Parsons Specs List	SW-846 8260B	1	W131012AA	04/11/2013 13:12	Emily R Styer	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	W131012AA	04/11/2013 13:12	Emily R Styer	1



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Sample Description: B-57 Water

BP Sanborn COC: 192466 2040 Cory Dr - Sanborn, NY LLI Sample # WW 7015030 LLI Group # 1381449 Account # 12495

Project Name: BP Sanborn

Submitted: 04/09/2013 09:25

Reported: 04/17/2013 16:43

Collected: 04/08/2013 10:40 by RCB Atlantic Richfield(Parsons-NY)

BP Corporation

501 WestLake Park Blvd

Houston TX 77079

SNB57

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

General Sample Comments

State of New York Certification No. 10670

Trip blank vials were not received by the laboratory for this sample group.



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Sample Description: B-57 Water

BP Sanborn COC: 192466 2040 Cory Dr - Sanborn, NY LLI Sample # WW 7015030 LLI Group # 1381449

Account # 12495

Project Name: BP Sanborn

Submitted: 04/09/2013 09:25

Reported: 04/17/2013 16:43

Collected: 04/08/2013 10:40 by RCB Atlantic Richfield(Parsons-NY)

BP Corporation

501 WestLake Park Blvd

Houston TX 77079

SNB57

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
10335	VOCs 8260 Parsons Specs List	SW-846 8260B	1	W131012AA	04/11/2013 13:36	Emily R Styer	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	W131012AA	04/11/2013 13:36	Emily R Styer	1



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Sample Description: B-8 Water

BP Sanborn COC: 192466 2040 Cory Dr - Sanborn, NY LLI Sample # WW 7015031 LLI Group # 1381449 Account # 12495

Project Name: BP Sanborn

Submitted: 04/09/2013 09:25

Reported: 04/17/2013 16:43

Collected: 04/08/2013 13:50 by RCB Atlantic Richfield(Parsons-NY)

BP Corporation

501 WestLake Park Blvd

Houston TX 77079

SNB08

CAT No.	Analysis Name		CAS Number	As Received Result	As Received Method Detection Limit*	As Received Limit of Quantitation	Dilution Factor
GC/MS	Volatiles	SW-846	8260B	ug/l	ug/l	ug/l	
10335	Benzyl Chloride		100-44-7	N.D.	10	50	10
10335	Bromobenzene		108-86-1	N.D.	10	50	10
10335	Bromodichlorometh	ane	75-27-4	N.D.	10	50	10
10335	Bromoform		75-25-2	N.D.	10	50	10
10335	Bromomethane		74-83-9	N.D.	10	50	10
10335	Carbon Tetrachlor	ide	56-23-5	N.D.	10	50	10
10335	Chlorobenzene	140	108-90-7	N.D.	8.0	50	10
10335	Chloroethane		75-00-3	N.D.	10	50	10
10335	2-Chloroethyl Vin	vl Ether	110-75-8	N.D.	20	100	10
10333						100	10
	2-Chloroethyl vin preserve this sam		y not be recovered	ı ir acıd was us	ed to		
10335	Chloroform	F	67-66-3	N.D.	8.0	50	10
10335	Chloromethane		74-87-3	N.D.	10	50	10
10335	Dibromochlorometh	ane	124-48-1	N.D.	10	50	10
10335	Dibromomethane	u	74-95-3	N.D.	10	50	10
10335	1,2-Dichlorobenze	ne	95-50-1	N.D.	10	50	10
10335	1,3-Dichlorobenze		541-73-1	N.D.	10	50	10
10335	1,4-Dichlorobenze		106-46-7	N.D.	10	50	10
10335	Dichlorodifluorom		75-71-8	N.D.	20	50	10
10335	1,1-Dichloroethan		75-71-8 75-34-3	N.D.	10	50	10
	•						
10335	1,2-Dichloroethan		107-06-2	N.D.	10	50	10
10335	1,1-Dichloroethen		75-35-4	N.D.	8.0	50	10
10335	cis-1,2-Dichloroe		156-59-2	760	8.0	50	10
10335	trans-1,2-Dichlor		156-60-5	N.D.	8.0	50	10
10335	1,2-Dichloropropa		78-87-5	N.D.	10	50	10
10335	cis-1,3-Dichlorop	-	10061-01-5	N.D.	10	50	10
10335	trans-1,3-Dichlor		10061-02-6	N.D.	10	50	10
10335	Methylene Chlorid		75-09-2	N.D.	20	50	10
10335	1,1,1,2-Tetrachlo		630-20-6	N.D.	10	50	10
10335	1,1,2,2-Tetrachlo		79-34-5	N.D.	10	50	10
10335	Tetrachloroethene		127-18-4	N.D.	8.0	50	10
10335	1,1,1-Trichloroet		71-55-6	N.D.	8.0	50	10
10335	1,1,2-Trichloroet	hane	79-00-5	N.D.	8.0	50	10
10335	Trichloroethene		79-01-6	20,000	100	500	100
10335	Trichlorofluorome	thane	75-69-4	N.D.	20	50	10
10335	1,2,3-Trichloropr	opane	96-18-4	N.D.	10	50	10
10335	Vinyl Chloride		75-01-4	N.D.	10	50	10
GC Mis	scellaneous	RSKSOP-	-175 modified	ug/l	ug/l	ug/l	
07105	Ethane		74-84-0	2.6 J	1.0	5.0	1
07105	Ethene		74-84-0	N.D.	1.0	5.0	1
07105	Methane		74-85-1	N.D. 19	3.0	5.0	1
0/105	MECHAIIE		/4-82-8	13	3.0	5.0	Τ
Metals	3	SW-846		mg/l	mg/l	mg/l	
01754	Iron		7439-89-6	3.70	0.0333	0.200	1
07058	Manganese		7439-96-5	0.0411	0.00083	0.0050	1
	nemistry	EPA 300		mg/l	mg/l	mg/l	
Mat C1							

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



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Sample Description: B-8 Water

BP Sanborn COC: 192466 2040 Cory Dr - Sanborn, NY LLI Sample # WW 7015031 LLI Group # 1381449

Account # 12495

Project Name: BP Sanborn

Submitted: 04/09/2013 09:25

Reported: 04/17/2013 16:43

Collected: 04/08/2013 13:50 by RCB Atlantic Richfield(Parsons-NY)

BP Corporation

501 WestLake Park Blvd

Houston TX 77079

SNB08

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit*	As Received Limit of Quantitation	Dilution Factor
Wet Ch	nemistry EPA 300.0		mg/l	mg/l	mg/l	
00368	Nitrate Nitrogen	14797-55-8	1.1	0.25	0.50	5
01506	Nitrite Nitrogen	14797-65-0	N.D.	16.0	20.0	200
	Reporting limits were raised due	to interference	e from the sampl	le matrix.		
00228	Sulfate	14808-79-8	79.8	6.0	20.0	20
07547	EPA 415.1 Dissolved Organic Carbon	modified n.a.	mg/1 2.3	mg/l 0.50	mg/1 1.0	1
	EPA 410.4		mg/l	mg/l	mg/l	
04001	Chemical Oxygen Demand	n.a.	19.4 J	12.8	50.0	1
	SM 5210 B-		mg/l	mg/l	mg/l	
00235	Biochemical Oxygen Demand	n.a.	N.D.	5.5	5.5	1

General Sample Comments

State of New York Certification No. 10670

Trip blank vials were not received by the laboratory for this sample group.

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

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Ti	me	Analyst	Dilution Factor
10335	VOCs 8260 Parsons Specs List	SW-846 8260B	1	W131051AA	04/15/2013	12:57	Christopher G Torres	10
10335	VOCs 8260 Parsons Specs List	SW-846 8260B	1	W131051AA	04/15/2013	13:21	Christopher G Torres	100
01163	GC/MS VOA Water Prep	SW-846 5030B	1	W131051AA	04/15/2013	12:57	Christopher G Torres	10
01163	GC/MS VOA Water Prep	SW-846 5030B	2	W131051AA	04/15/2013	13:21	Christopher G Torres	100
07105	Volatile Headspace Hydrocarbon	RSKSOP-175 modified	1	131060003A	04/16/2013	15:39	Nicholas R Rossi	1
01754	Iron	SW-846 6010B	1	131001848010	04/17/2013	03:38	John W Yanzuk II	1
07058	Manganese	SW-846 6010B	1	131001848010	04/17/2013	03:38	John W Yanzuk II	1
01848	WW SW846 ICP Digest (tot rec)	SW-846 3005A	1	131001848010	04/11/2013	09:35	Denise K Conners	1
00224	Chloride	EPA 300.0	1	13099655901A	04/09/2013	22:42	Christopher D Meeks	200
00368	Nitrate Nitrogen	EPA 300.0	1	13099655901A	04/09/2013	22:27	Christopher D Meeks	5
01506	Nitrite Nitrogen	EPA 300.0	1	13099655901A	04/09/2013	22:42	Christopher D Meeks	200

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



Account

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Sample Description: B-8 Water

BP Sanborn COC: 192466 2040 Cory Dr - Sanborn, NY LLI Sample # WW 7015031 LLI Group # 1381449 # 12495

Project Name: BP Sanborn

Submitted: 04/09/2013 09:25

Reported: 04/17/2013 16:43

Collected: 04/08/2013 13:50 by RCB Atlantic Richfield(Parsons-NY)

BP Corporation

501 WestLake Park Blvd

Houston TX 77079

SNB08

		Laboratory Sample Analysis Record								
CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	2	Analyst	Dilution Factor		
00228	Sulfate	EPA 300.0	1	13099655901A	04/10/2013 14:		Christopher D Meeks	20		
07547	Dissolved Organic Carbon	EPA 415.1 modified	1	13106049501A	04/16/2013 03:	:37	James S Mathiot	1		
04001	Chemical Oxygen Demand	EPA 410.4	1	13105400102B	04/15/2013 08:	:10	Susan A Engle	1		
00235	Biochemical Oxygen Demand	SM 5210 B-2001	1	13100023501A	04/10/2013 07:	:46	Susan E Hibner	1		



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Sample Description: B-9 Water

BP Sanborn COC: 192465 2040 Cory Dr - Sanborn, NY LLI Sample # WW 7015032

LLI Group # 1381449 Account # 12495

Project Name: BP Sanborn

Submitted: 04/09/2013 09:25

Reported: 04/17/2013 16:43

Collected: 04/08/2013 14:30 by RCB Atlantic Richfield(Parsons-NY)

BP Corporation

501 WestLake Park Blvd

Houston TX 77079

SNB09

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

General Sample Comments

State of New York Certification No. 10670

Trip blank vials were not received by the laboratory for this sample group.



Account

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Sample Description: B-9 Water

BP Sanborn COC: 192465 2040 Cory Dr - Sanborn, NY LLI Sample # WW 7015032 LLI Group # 1381449

12495

Project Name: BP Sanborn

Submitted: 04/09/2013 09:25

Reported: 04/17/2013 16:43

Collected: 04/08/2013 14:30 by RCB Atlantic Richfield(Parsons-NY)

BP Corporation

501 WestLake Park Blvd

Houston TX 77079

SNB09

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Ti	me	Analyst	Dilution Factor
10335	VOCs 8260 Parsons Specs List	SW-846 8260B	1	W131051AA	04/15/2013	07:23	Christopher G Torres	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	W131051AA	04/15/2013	07:23	Christopher G Torres	1



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Sample Description: Field Dup #3 Water

BP Sanborn COC: 192465 2040 Cory Dr - Sanborn, NY LLI Sample # WW 7015033 LLI Group # 1381449 Account # 12495

Project Name: BP Sanborn

Submitted: 04/09/2013 09:25

Reported: 04/17/2013 16:43

Collected: 04/08/2013 by RCB Atlantic Richfield(Parsons-NY)

BP Corporation

501 WestLake Park Blvd

Houston TX 77079

SNBD3

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit*	As Received Limit of Quantitation	Dilution Factor
GC/MS	Volatiles SW-846	8260B	ug/l	ug/l	ug/l	
10335	Benzyl Chloride	100-44-7	N.D.	1.0	5.0	1
10335	Bromobenzene	108-86-1	N.D.	1.0	5.0	1
10335	Bromodichloromethane	75-27-4	N.D.	1.0	5.0	1
10335	Bromoform	75-25-2	N.D.	1.0	5.0	1
10335	Bromomethane	74-83-9	N.D.	1.0	5.0	1
10335	Carbon Tetrachloride	56-23-5	N.D.	1.0	5.0	1
10335	Chlorobenzene	108-90-7	N.D.	0.80	5.0	1
10335	Chloroethane	75-00-3	N.D.	1.0	5.0	1
10335	2-Chloroethyl Vinyl Ether	110-75-8	N.D.	2.0	10	1
	2-Chloroethyl vinyl ether may preserve this sample.		if acid was use	d to		
10335	Chloroform	67-66-3	N.D.	0.80	5.0	1
10335	Chloromethane	74-87-3	N.D.	1.0	5.0	1
10335	Dibromochloromethane	124-48-1	N.D.	1.0	5.0	1
10335	Dibromomethane	74-95-3	N.D.	1.0	5.0	1
10335	1,2-Dichlorobenzene	95-50-1	N.D.	1.0	5.0	1
10335	1,3-Dichlorobenzene	541-73-1	N.D.	1.0	5.0	1
10335	1,4-Dichlorobenzene	106-46-7	N.D.	1.0	5.0	1
10335	Dichlorodifluoromethane	75-71-8	N.D.	2.0	5.0	1
10335	1,1-Dichloroethane	75-34-3	N.D.	1.0	5.0	1
10335	1,2-Dichloroethane	107-06-2	N.D.	1.0	5.0	1
10335	1,1-Dichloroethene	75-35-4	N.D.	0.80	5.0	1
10335	cis-1,2-Dichloroethene	156-59-2	N.D.	0.80	5.0	1
10335	trans-1,2-Dichloroethene	156-60-5	N.D.	0.80	5.0	1
10335	1,2-Dichloropropane	78-87-5	N.D.	1.0	5.0	1
10335	cis-1,3-Dichloropropene	10061-01-5	N.D.	1.0	5.0	1
10335	trans-1,3-Dichloropropene	10061-02-6	N.D.	1.0	5.0	1
10335	Methylene Chloride	75-09-2	N.D.	2.0	5.0	1
10335	1,1,1,2-Tetrachloroethane	630-20-6	N.D.	1.0	5.0	1
10335	1,1,2,2-Tetrachloroethane	79-34-5	N.D.	1.0	5.0	1
10335	Tetrachloroethene	127-18-4	N.D.	0.80	5.0	1
10335	1,1,1-Trichloroethane	71-55-6	N.D.	0.80	5.0	1
10335	1,1,2-Trichloroethane	79-00-5	N.D.	0.80	5.0	1
10335	Trichloroethene	79-01-6	N.D.	1.0	5.0	1
10335	Trichlorofluoromethane	75-69-4	N.D.	2.0	5.0	1
10335	1,2,3-Trichloropropane	96-18-4	N.D.	1.0	5.0	1
10335	Vinyl Chloride	75-01-4	N.D.	1.0	5.0	1

General Sample Comments

State of New York Certification No. 10670

Trip blank vials were not received by the laboratory for this sample group.



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Sample Description: Field Dup #3 Water

BP Sanborn COC: 192465 2040 Cory Dr - Sanborn, NY LLI Sample # WW 7015033 LLI Group # 1381449 Account # 12495

Project Name: BP Sanborn

Collected: 04/08/2013 by RCB Atlantic Richfield(Parsons-NY)

BP Corporation

501 WestLake Park Blvd

Houston TX 77079

rioject Name. Dr Bamboin

Submitted: 04/09/2013 09:25 Reported: 04/17/2013 16:43

SNBD3

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
10335	VOCs 8260 Parsons Specs List	SW-846 8260B	1	W131051AA	04/15/2013 07:4	7 Christopher G Torres	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	W131051AA	04/15/2013 07:4	Christopher G	1



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Sample Description: Tank #2 Water

BP Sanborn COC: 192465 2040 Cory Dr - Sanborn, NY LLI Sample # WW 7015034 LLI Group # 1381449 Account # 12495

Project Name: BP Sanborn

Submitted: 04/09/2013 09:25

Reported: 04/17/2013 16:43

Collected: 04/08/2013 14:45 by RCB Atlantic Richfield(Parsons-NY)

BP Corporation

501 WestLake Park Blvd

Houston TX 77079

SNBT2

CAT No.	Analysis Name	CAS Number	As Rec Result		As Received Method Detection Limit*	As Received Limit of Quantitation	Dilution Factor
GC/MS	Volatiles SW-846	8260B	ug/l		ug/l	ug/l	
10335	Benzyl Chloride	100-44-7	N.D.		1.0	5.0	1
10335	Bromobenzene	108-86-1	N.D.		1.0	5.0	1
10335	Bromodichloromethane	75-27-4	N.D.		1.0	5.0	1
10335	Bromoform	75-25-2	N.D.		1.0	5.0	1
10335	Bromomethane	74-83-9	N.D.		1.0	5.0	1
10335	Carbon Tetrachloride	56-23-5	N.D.		1.0	5.0	1
10335	Chlorobenzene	108-90-7	N.D.		0.80	5.0	1
10335	Chloroethane	75-00-3	1.1	J	1.0	5.0	1
10335	2-Chloroethyl Vinyl Ether	110-75-8	N.D.		2.0	10	1
	2-Chloroethyl vinyl ether ma preserve this sample.	y not be recovered	if acid	l was use	ed to		
10335	Chloroform	67-66-3	N.D.		0.80	5.0	1
10335	Chloromethane	74-87-3	N.D.		1.0	5.0	1
10335	Dibromochloromethane	124-48-1	N.D.		1.0	5.0	1
10335	Dibromomethane	74-95-3	N.D.		1.0	5.0	1
10335	1,2-Dichlorobenzene	95-50-1	N.D.		1.0	5.0	1
10335	1,3-Dichlorobenzene	541-73-1	N.D.		1.0	5.0	1
10335	1,4-Dichlorobenzene	106-46-7	N.D.		1.0	5.0	1
10335	Dichlorodifluoromethane	75-71-8	N.D.		2.0	5.0	1
10335	1,1-Dichloroethane	75-34-3	46		1.0	5.0	1
10335	1,2-Dichloroethane	107-06-2	N.D.		1.0	5.0	1
10335	1,1-Dichloroethene	75-35-4	N.D.		0.80	5.0	1
10335	cis-1,2-Dichloroethene	156-59-2	300		0.80	5.0	1
10335	trans-1,2-Dichloroethene	156-60-5	1.4	J	0.80	5.0	1
10335	1,2-Dichloropropane	78-87-5	N.D.		1.0	5.0	1
10335	cis-1,3-Dichloropropene	10061-01-5	N.D.		1.0	5.0	1
10335	trans-1,3-Dichloropropene	10061-02-6	N.D.		1.0	5.0	1
10335	Methylene Chloride	75-09-2	N.D.		2.0	5.0	1
10335	1,1,1,2-Tetrachloroethane	630-20-6	N.D.		1.0	5.0	1
10335	1,1,2,2-Tetrachloroethane	79-34-5	N.D.		1.0	5.0	1
10335	Tetrachloroethene	127-18-4	3.9	J	0.80	5.0	1
10335	1,1,1-Trichloroethane	71-55-6	5.3		0.80	5.0	1
10335	1,1,2-Trichloroethane	79-00-5	N.D.		0.80	5.0	1
10335	Trichloroethene	79-01-6	780		10	50	10
10335	Trichlorofluoromethane	75-69-4	N.D.		2.0	5.0	1
10335	1,2,3-Trichloropropane	96-18-4	N.D.		1.0	5.0	1
10335	Vinyl Chloride	75-01-4	30		1.0	5.0	1

General Sample Comments

State of New York Certification No. 10670

Trip blank vials were not received by the laboratory for this sample group.



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Sample Description: Tank #2 Water

BP Sanborn COC: 192465 2040 Cory Dr - Sanborn, NY LLI Sample # WW 7015034 LLI Group # 1381449 Account # 12495

Project Name: BP Sanborn

Submitted: 04/09/2013 09:25

Reported: 04/17/2013 16:43

Collected: 04/08/2013 14:45 by RCB Atlantic Richfield(Parsons-NY)

BP Corporation

501 WestLake Park Blvd

Houston TX 77079

SNBT2

	Laboratory Sample Analysis Record									
CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Ti	me	Analyst	Dilution Factor		
10335	VOCs 8260 Parsons Specs List	SW-846 8260B	1	W131051AA	04/15/2013	11:22	Christopher G Torres	1		
10335	VOCs 8260 Parsons Specs List	SW-846 8260B	1	W131051AA	04/15/2013	11:46	Christopher G Torres	10		
01163	GC/MS VOA Water Prep	SW-846 5030B	1	W131051AA	04/15/2013	11:22	Christopher G Torres	1		
01163	GC/MS VOA Water Prep	SW-846 5030B	2	W131051AA	04/15/2013	11:46	Christopher G Torres	10		



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Page 1 of 5

Quality Control Summary

Client Name: Atlantic Richfield(Parsons-NY) Group Number: 1381449

Reported: 04/17/13 at 04:43 PM

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

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

Laboratory Compliance Quality Control

Batch number: W131012AA Sample number(s): 7015024-7015030 Sample number(s): 7015024-7015034 Sa	Analysis Name	Blank <u>Result</u>	Blank MDL**	Blank <u>LOQ</u>	Report <u>Units</u>	LCS %REC	LCSD %REC	LCS/LCSD <u>Limits</u>	RPD	RPD Max
Benzyl Chloride	Batch number: W131012AA	Sample numl	ber(s): 70	15024-701	5030					
Bromobenzene	Benzyl Chloride					65	71	49-120	10	30
Bromoform	Bromobenzene	N.D.	1.0	5.0		94	105	80-120	11	30
Brommethane	Bromodichloromethane	N.D.	1.0	5.0	ug/l	104	114	73-120	8	30
Carbon Tetrachloride N.D. 0.80 S.O. 0.09/1 103 115 65-137 11 30 Chlorobenzene N.D. 0.80 S.O. 0.09/1 98 106 80-120 8 30 Chloroethane N.D. 1.0 S.O. 0.09/1 74 84 52-127 13 30 Chloroform N.D. 0.80 S.O. 0.09/1 74 84 52-127 13 30 Chloroform N.D. 0.80 S.O. 0.09/1 74 84 52-127 13 30 Chloromethane N.D. 1.0 S.O. 0.09/1 74 81 S4-123 9 30 Dibromochloromethane N.D. 1.0 S.O. 0.09/1 74 81 S4-123 9 30 Dibromomethane N.D. 1.0 S.O. 0.09/1 74 81 S4-123 9 30 Dibromomethane N.D. 1.0 S.O. 0.09/1 97 105 72-120 9 30 Dibromomethane N.D. 1.0 S.O. 0.09/1 97 105 106 80-120 10 30 1,2-Dichlorobenzene N.D. 1.0 S.O. 0.09/1 92 103 80-120 9 30 Dichlorodifluoromethane N.D. 1.0 S.O. 0.09/1 92 103 80-120 9 30 Dichlorodifluoromethane N.D. 1.0 S.O. 0.09/1 92 103 80-120 9 30 Dichlorodifluoromethane N.D. 1.0 S.O. 0.09/1 92 103 80-120 9 30 Dichlorodifluoromethane N.D. 1.0 S.O. 0.09/1 92 103 80-120 9 30 Dichlorodifluoromethane N.D. 1.0 S.O. 0.09/1 92 103 80-120 9 30 Dichlorodifluoromethane N.D. 1.0 S.O. 0.09/1 92 103 80-120 9 30 Dichlorodifluoromethane N.D. 1.0 S.O. 0.09/1 92 103 80-120 9 30 Dichlorodifluoromethane N.D. 1.0 S.O. 0.09/1 107 114 79-120 12 30 Dichlorodifluoromethane N.D. 1.0 S.O. 0.09/1 107 116 80-120 8 30 Dichlorodifluoromethane N.D. 0.80 S.O. 0.09/1 107 116 80-120 8 30 Dichlorodifluoropropene N.D. 0.80 S.O. 0.09/1 107 116 80-120 8 30 Dichlorodifluoropropene N.D. 0.80 S.O. 0.09/1 107 116 80-120 8 30 Dichlorodifluoropropene N.D. 0.80 S.O. 0.09/1 107 116 80-120 8 30 Dichlorodifluoropropene N.D. 0.080 S.O. 0.09/1 107 116 80-120 8 30 Dichlorodifluoropropene N.D. 0.080 S.O. 0.09/1 107 116 80-120 8 30 Dichlorodifluoropropene N.D. 0.080 S.O. 0.09/1 107 116 80-120 8 30 Dichlorodifluoropropene N.D. 0.080 S.O. 0.09/1 107 116 80-120 8 30 Dichlorodifluoropropene N.D. 0.080 S.O. 0.09/1 107 116 80-120 8 30 Dichlorodifluoropropene N.D. 0.080 S.O. 0.09/1 107 116 80-120 8 30 Dichlorodifluoropropene N.D. 0.080 S.O. 0.09/1 107 116 80-120 8 30 Dichlorodifluoropropene N.D. 0.080 S.O. 0.09/1 107 116 80-120 8 30 Dichlorodifluoropropene N.D. 0.080 S.O. 0.09/1 10	Bromoform	N.D.	1.0	5.0	ug/l	80	86	61-120	7	30
Chlorobenzene Chloroethane N.D. 1.0 5.0 ug/l 69 78 60-120 8 30 Chloroethyl Vinyl Ether N.D. 2.0 10 ug/l 74 84 52-127 13 30 Chloroform N.D. 0.80 5.0 ug/l 104 113 77-122 8 30 Chloroethyl Vinyl Ether N.D. 0.80 5.0 ug/l 104 113 77-122 8 30 Chloroethane N.D. Dibromomethane N.D. Dibromomethane N.D. 1.0 5.0 ug/l 97 105 72-120 9 30 Dibromomethane N.D. 1.0 5.0 ug/l 97 105 72-120 9 30 Dibromomethane N.D. 1.0 5.0 ug/l 97 105 72-120 9 30 Dibromomethane N.D. 1.0 5.0 ug/l 97 105 72-120 9 30 Dibromomethane N.D. 1.0 5.0 ug/l 92 103 80-120 11 30 1,2-Dichlorobenzene N.D. 1.0 5.0 ug/l 94 103 80-120 11 30 1,3-Dichlorobenzene N.D. 1.0 5.0 ug/l 94 103 80-120 11 30 1,1-Dichlorobenzene N.D. 1.0 5.0 ug/l 94 103 80-120 11 30 1,1-Dichlorobenzene N.D. 1.0 5.0 ug/l 94 103 80-120 11 30 11 30 1,1-Dichlorobenzene N.D. 1.0 5.0 ug/l 94 103 80-120 11 30 11 30 11 30 11 30 11 30 11 30 11 30 11 30 11 30 11 30 11 30 11 30 11 30 11 30 11 30 11 30 11 30 11 30 11 30 11 30 11 30 11 30 11 30 11 30 11 30 11 30 11 30 11 30 11 30 11 30 11 30 11 30 11 30 30 11 30 30 11 30 30 11 30 30 11 30 30 30 30 30 30 30 30 30 30 30 30 30	Bromomethane	N.D.	1.0	5.0		73	82	51-120	12	30
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Vinyl Chloride N.D. 1.0 5.0 ug/l 82 91 63-120 10 30										
Batch number: W131051AA Sample number(s): 7015025,7015031-7015034										
DateII Indimper. wistosina pampie indimper(b): /013023,/013031-/013034	Ratch number, W121051AA	Cample numl	her(a). 70	115025 701	5031_701502/	ı				
Benzyl Chloride N.D. 1.0 5.0 ug/l 73 78 49-120 6 30							7.9	49-120	6	3.0
Bromobenzene N.D. 1.0 5.0 $ug/1$ 97 107 80-120 9 30										
Bromodichloromethane N.D. 1.0 5.0 ug/l 100 105 73-120 5 30										
Bromoform N.D. 1.0 5.0 ug/l 83 88 61-120 5 30										
Bromomethane N.D. 1.0 5.0 ug/l 73 76 51-120 5 30										
Carbon Tetrachloride N.D. 1.0 5.0 ug/l 98 105 65-137 7 30										

^{*-} Outside of specification

^{**-}This limit was used in the evaluation of the final result for the blank

⁽¹⁾ The result for one or both determinations was less than five times the LOQ.

⁽²⁾ The unspiked result was more than four times the spike added.



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Quality Control Summary

Client Name: Atlantic Richfield(Parsons-NY) Group Number: 1381449

Reported: 04/17/13 at 04:43 PM

	Blank	Blank	Blank	Report	LCS	LCSD	LCS/LCSD		
<u>Analysis Name</u>	<u>Result</u>	MDL**	LOQ	<u>Units</u>	%REC	%REC	<u>Limits</u>	RPD	RPD Max
Chlorobenzene	N.D.	0.80	5.0	ug/l	99	107	80-120	8	30
Chloroethane	N.D.	1.0	5.0	ug/l	74	81	60-120	9	30
2-Chloroethyl Vinyl Ether	N.D.	2.0	10	ug/l	73	81	52-127	11	30
Chloroform	N.D.	0.80	5.0	ug/l	94	104	77-122	11	30
Chloromethane	N.D.	1.0	5.0	ug/l	80	84	54-123	5	30
Dibromochloromethane	N.D.	1.0	5.0	ug/l	99	105	72-120	6	30
Dibromomethane	N.D.	1.0	5.0	uq/l	97	103	80-120	6	30
1,2-Dichlorobenzene	N.D.	1.0	5.0	uq/l	98	106	80-120	8	30
1,3-Dichlorobenzene	N.D.	1.0	5.0	ug/l	96	106	80-120	9	30
1,4-Dichlorobenzene	N.D.	1.0	5.0	uq/l	97	105	80-120	8	30
Dichlorodifluoromethane	N.D.	2.0	5.0	uq/l	71	74	35-122	4	30
1,1-Dichloroethane	N.D.	1.0	5.0	uq/l	97	107	79-120	10	30
1,2-Dichloroethane	N.D.	1.0	5.0	ug/l	105	113	64-130	7	30
1,1-Dichloroethene	N.D.	0.80	5.0	ug/l	99	108	76-124	9	30
cis-1,2-Dichloroethene	N.D.	0.80	5.0	ug/1	103	112	80-120	9	30
trans-1,2-Dichloroethene	N.D.	0.80	5.0	ug/1	99	108	80-120	9	30
1,2-Dichloropropane	N.D.	1.0	5.0	ug/1	96	103	80-120	7	30
cis-1,3-Dichloropropene	N.D.	1.0	5.0	ug/1 ug/1	102	111	78-120	9	30
trans-1,3-Dichloropropene	N.D.	1.0	5.0	ug/1 ug/1	93	99	66-124	9 7	30
Methylene Chloride	N.D.	2.0	5.0	ug/l	99	104	84-118	5	30
	N.D.	1.0	5.0		96	104	79-120	8	30
1,1,1,2-Tetrachloroethane				ug/l					
1,1,2,2-Tetrachloroethane	N.D.	1.0	5.0	ug/l	91	98	70-129	8	30
Tetrachloroethene	N.D.	0.80	5.0	ug/l	97	107	79-120	9	30
1,1,1-Trichloroethane	N.D.	0.80	5.0	ug/l	93	101	66-126	8	30
1,1,2-Trichloroethane	N.D.	0.80	5.0	ug/l	95	102	80-120	8	30
Trichloroethene	N.D.	1.0	5.0	ug/l	102	110	80-120	7	30
Trichlorofluoromethane	N.D.	2.0	5.0	ug/l	88	95	65-130	8	30
1,2,3-Trichloropropane	N.D.	1.0	5.0	ug/l	90	100	76-120	10	30
Vinyl Chloride	N.D.	1.0	5.0	ug/l	86	93	63-120	7	30
Batch number: 131060003A	Cample nur	mber(s): 70	115024 701	I E N 2 1					
Ethane	N.D.	1.0	5.0	uq/1	83		80-120		
Ethene	N.D.	1.0	5.0	٥,	82		80-120		
Methane	N.D.	3.0	5.0	ug/l ug/l	89		80-120		
Mechane	N.D.	3.0	5.0	ug/ I	69		80-120		
Batch number: 131001848010	Sample nur	mber(s): 70	015024.701	15031					
Iron	N.D.	0.0333	0.200	mg/l	98		90-112		
Manganese	N.D.	0.00083	0.0050	mg/1	99		90-110		
nanganese	11.2.	0.00003	0.0050	1119/ 1	22		30 110		
Batch number: 13099655901A	Sample nur	mber(s): 70	015024,701	L5031					
Chloride	N.D.	0.20	0.40	mq/l	96		90-110		
Nitrate Nitrogen	N.D.	0.050	0.10	mg/1	98		90-110		
Nitrite Nitrogen	N.D.	0.080	0.10	mg/1	99		90-110		
Sulfate	N.D.	0.30	1.0	mg/1	102		90-110		
		0.50	2.0	5/ =	202		30 110		
Batch number: 13106049501A	Sample nur	mber(s): 70	015024,701	L5031					
Dissolved Organic Carbon	N.D.	0.50	1.0	mq/l	99		86-114		
				5,					
Batch number: 13100023501A	Sample nur	mber(s): 70	015024,701	L5031					
Biochemical Oxygen Demand	-				104		85-115		
Batch number: 13105400102B	Sample nur	mber(s): 70	015024,701	L5031					
Chemical Oxygen Demand					99		94-110		

^{*-} Outside of specification

^{**-}This limit was used in the evaluation of the final result for the blank

⁽¹⁾ The result for one or both determinations was less than five times the LOQ.

⁽²⁾ The unspiked result was more than four times the spike added.



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Quality Control Summary

Client Name: Atlantic Richfield(Parsons-NY) Group Number: 1381449

Reported: 04/17/13 at 04:43 PM

Sample Matrix Quality Control

Unspiked (UNSPK) = the sample used in conjunction with the matrix spike Background (BKG) = the sample used in conjunction with the duplicate

Analysis Name	MS %REC	MSD %REC	MS/MSD Limits	RPD	RPD <u>MAX</u>	BKG Conc	DUP Conc	DUP RPD	Dup RPD Max
Batch number: W131012AA	Sample	number(s)	: 7015024	-701503	0 UNSPI	K: 7015026			
Benzyl Chloride	72	68	42-131	6	30				
Bromobenzene	109	100	82-115	9	30				
Bromodichloromethane	120	111	78-125	8	30				
Bromoform	90	83	48-118	8	30				
Bromomethane	93	88	47-129	6	30				
Carbon Tetrachloride	137*	125	72-135	9	30				
Chlorobenzene	117	107	87-124	9	30				
Chloroethane	90	86	51-145	5	30				
2-Chloroethyl Vinyl Ether	89	84	10-151	6	30				
Chloroform	121	112	81-134	8	30				
Chloromethane	105	98	46-137	7	30				
Dibromochloromethane	112	103	74-116	8	30				
Dibromomethane	118	109	83-119	8	30				
1,2-Dichlorobenzene	107	101	84-119	6	30				
1,3-Dichlorobenzene	109	100	86-121	9	30				
1,4-Dichlorobenzene	108	101	85-121	7	30				
Dichlorodifluoromethane	134*	126	52-129	7	30				
1,1-Dichloroethane	123	111	84-129	10	30				
1,2-Dichloroethane	130	119	68-131	9	30				
1,1-Dichloroethene	132	123	75-155	7	30				
cis-1,2-Dichloroethene	127	116	80-141	8	30				
trans-1,2-Dichloroethene	127	120	81-142	6	30				
1,2-Dichloropropane	115	106	83-124	8	30				
cis-1,3-Dichloropropene	121*	113	70-116	7	30				
trans-1,3-Dichloropropene	99	91	74-119	9	30				
Methylene Chloride	117	108	78-133	8	30				
1,1,1,2-Tetrachloroethane	112	104	74-136	8	30				
1,1,2,2-Tetrachloroethane	94	88	72-128	7	30				
Tetrachloroethene	124	117	80-128	6	30				
1,1,1-Trichloroethane	128	118	69-140	8	30				
1,1,2-Trichloroethane	107	99	71-141	8	30				
Trichloroethene	133	122	88-133	7	30				
Trichlorofluoromethane	143	131	64-146	9	30				
1,2,3-Trichloropropane	98	90	76-118	8	30				
Vinyl Chloride	112	106	66-133	6	30				
111/1 01101140		200	00 100	Ü	50				
Batch number: 131060003A	Sample	number(s)	: 7015024	.701503	1 UNSPE	K: P012426			
Ethane	75	76	32-129	1	20				
Ethene	90	90	35-162	0	20				
Methane	-2749	-2807	35-157	1	20				
	(2)	(2)							
Batch number: 131001848010	Sample	number(s)	. 7015024	. 701503	R1 UNSP	7: P015039	BKG: P015039	9	
Iron	97	96	75-125	1	20	N.D.	N.D.	0 (1)	20
Manganese	98	98	75-125	0	20	0.292	0.294	1	20
ranganese	20	20	, 5 - 123	U	20	0.292	0.294	_	20
Batch number: 13099655901A	Sample	number(s)	: 7015024	.701503	1 UNSPE	K: P005388	BKG: P005388	3	
Chloride	91		90-110	, , , , , , , , , , , , , , , , , , , ,	_ 01.011	0.45	0.45	1 (1)	20
Nitrate Nitrogen	95		90-110			N.D.	0.45 0.060 J	200* (1)	20
1.101400 HICLOSOII	, ,		20 110				3.000 0	200 (1)	20

^{*-} Outside of specification

^{**-}This limit was used in the evaluation of the final result for the blank

⁽¹⁾ The result for one or both determinations was less than five times the LOQ.

⁽²⁾ The unspiked result was more than four times the spike added.

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Quality Control Summary

Client Name: Atlantic Richfield(Parsons-NY) Group Number: 1381449

Reported: 04/17/13 at 04:43 PM

Sample Matrix Quality Control

Unspiked (UNSPK) = the sample used in conjunction with the matrix spike Background (BKG) = the sample used in conjunction with the duplicate

<u>Analysis Name</u> Nitrite Nitrogen Sulfate	MS <u>%REC</u> 91 97	MSD <u>%REC</u>	MS/MSD Limits 90-110 90-110	RPD	RPD <u>MAX</u>	BKG Conc 4.0 N.D.	DUP <u>Conc</u> 4.1 N.D.	DUP <u>RPD</u> 0 0 (1)	Dup RPD Max 20 20
Batch number: 13106049501A Dissolved Organic Carbon	Sample r 105	number(s)	: 7015024, 54-135	,701503	1 UNSP	K: P016198 1.9	BKG: P016198 1.9	1 (1)	2
Batch number: 13100023501A Biochemical Oxygen Demand	Sample r	number(s) 107		,701503 0	1 UNSP	K: 7015031 12.6	BKG: P013324 12.1	4 (1)	15
Batch number: 13105400102B Chemical Oxygen Demand	Sample r 87*	number(s)	: 7015024 90-110	,701503	1 UNSP	K: P015219 3,850	BKG: P015219 3,760	2	5

Surrogate Quality Control

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

Analysis Name: PPL + Xylene (total) by 8260

Batch number: W131012AA

Batch nu	mber: W131012AA Dibromofluoromethane	1,2-Dichloroethane-d4	Toluene-d8	4-Bromofluorobenzene
7015024	110	103	95	93
7015025	110	107	94	94
7015026	110	108	93	92
7015027	109	105	98	99
7015028	107	104	97	99
7015029	111	108	95	92
7015030	111	106	94	94
Blank	111	104	93	91
LCS	108	105	95	98
LCSD	107	106	94	97
MS	109	105	98	99
MSD	107	104	97	99
Limits:	80-116	77-113	80-113	78-113

Analysis Name: PPL + Xylene (total) by 8260 Batch number: W131051AA

Daceir iia	Dibromofluoromethane	1,2-Dichloroethane-d4	Toluene-d8	4-Bromofluorobenzene
7015031	106	104	98	93
7015032	102	101	99	93
7015033	105	106	98	91
7015034	104	105	99	94
Blank	101	103	100	95
LCS	102	104	101	98
LCSD	102	103	100	98
Limits:	80-116	77-113	80-113	78-113

*- Outside of specification

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



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Quality Control Summary

Client Name: Atlantic Richfield(Parsons-NY) Group Number: 1381449

Reported: 04/17/13 at 04:43 PM

Surrogate Quality Control

Analysis Name: Volatile Headspace Hydrocarbon Batch number: 131060003A

Propene

7015024	83
7015031	59
Blank	104
LCS	104
MS	54
MSD	54

Limits: 42-131

^{*-} 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.

acct 13495 apt 1381449 Sample 7015024-34

Laboratory Management Program LaMP Chain of Custody Record 192467 Richfield BP/ARC Project Name: BP Sanborn Req Due Date (mm/dd/yy): Company **BP/ARC Facility No:** Lab Work Order Number: BP/ARC Facility Address: 2040 Cory Parsons Consultant/Contractor: lew Kolland Pike Lancoster, PA 17601 City, State, ZIP Code: Consultant/Contractor Project No: Address: 40 Callyrere Dr. Sure 350 Buttab, NY 4/202 Lead Regulatory Agency: Consultant/Contractor PM: George Hermonce California Global ID No.: Lab Phone: Lab Shipping Accet: Enfos Proposal No: 200R4-0004 Accounting Mode: 100 Provision OOC-RM Lab Bottle Order No: 136008 Activity: X Contractor Invoice To: Other Info: 60 Matrix No. Containers / Preservative Report Type & QC Level BP/ARC EBM: Requested Analyses 7271-8038 Standard EBM Phone: EBM Email: Full Data Package _ 6 Water / Liquid Total Number Unpreserved Lab Time Comments Sample Description Date Soil / Solid Air / Vapor 8260 No. Methanol SOD 8 Note: If sample not collected, indicate "No H₂SO₄ Sample" in comments and single-strike out 모 and initial any preprinted sample description. 3 1200 B-23 X 1240 3 1636 # ANALYSIS PEZ 1030 E-FELTER KNP4/10/13 Relinquished By / Affiliation Date Time Accepted By / Affiliation Sampler's Name: 4/8/13 Sampler's Company: Out Extergrises We. arm 1530 Ship Date: 4/8 Shipment Method: 801301784597 Shipment Tracking No: Special Instructions: Cooler Temp on Receipt: THIS LINE - LAB USE ONLY: Custody Seals in Place: Yes / Temp Blank Yes / No Trip Blank: Yes /No MS/MSD Sample Submittee

Laboratory Copy Page 32 of 36 BP/ARC LaMP COC Rev. 6 01/01/2009

Atlantic Cct*13495 Co*1361449 Scruple# 7015034-34
Laboratory Management Program LaMP Chain of Custody Record 192466
REPLACE TO THE TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL T Page 2 of 3 Rush TAT: Yes ___ No / Req Due Date (mm/dd/yy): Company **BP/ARC Facility No:** Lab Work Order Number: BP/ARC Facility Address: 2040 Cmg Dr Consultant/Contractor: City, State, ZIP Code: Sanborn, 24 14132 Consultant/Contractor Project No: Address 4 Laliver Dr. Sujk 350 bottob, by 14202 Lead Regulatory Agency: WYSDE C Consultant/Contractor PM: Colorge Herrance California Global ID No.: Enfos Proposal No: Doob4 -0004 Phone: (716) 407-4990 ab Shipping Accet: Accounting Mode: 10 Lab Bottle Order No: 136008 Provision OOC-BU OOC-RM Email EDD To: Lorrame Weben Activity: 8 BP/ARC Contractor Other Info: Stage: 60 nvoice To: Report Type & QC Level BP/ARC EBM: **Matrix** No. Containers / Preservative Requested Analyses EBM Phone: Standard EBM Email: Full Data Package _____ Water / Liquid Total Number Lab Unpreserved Time Comments Sample Description Date Soil / Solid Air / Vapor 2 \$ No. Methanol Note: If sample not collected, indicate "No HNO3 Sample" in comments and single-strike out Ÿ and initial any preprinted sample description. B-24 MSh 18/13 3 1030 0945 マ 7 1640 1350 PER BOTTU WB/10/13 Richard C Becken Relinquished By / Affiliation Accepted By / Affiliation Date Time Date Time Sampler's Name: OHE OHM Enterprises We 4/8/13 Sampler's Company: 1530 Ship Date: 4/8//3 Shipment Method: 801301784597 Shipment Tracking No: um Special Instructions: Cooler Temp on Receipt: 5 THIS LINE - LAB USE ONLY: Custody Seals in Place: Yes /No Temp Blank: Yes No Trip Blank Yes /No MS/MSD Sample Submitted Laboratory Copy BP/ARC LaMP COC Rev. 6 01/01/2009

Laboratory Copy Page 33 of 36

Atlantic Laboratory Management Program LaMP Chain of Custody Record Richfield RP/ARC Project No. 1381449 Somple # 7015034-34 192465 Page <u>3</u> of <u>3</u> **Rush TAT:** Yes ___ No ____ BP/ARC Project Name: BP, Sanbon Reg Due Date (mm/dd/yy): Company **BP/ARC Facility No:** Lab Work Order Number: BP/ARC Facility Address: 2040 Cong D. Consultant/Contractor: Dassas Lab Address: 2425 New Holland Pike Lancaster, PA 17601 City, State, ZIP Code: Somborn, NY 14132 Consultant/Contractor Project No: Kay Hin Plasterer Address:40 Lakerer 7. Bute 350 Buttab, M 14202 Lead Regulatory Agency: Consultant/Contractor PM: George Herrance Lab Phone: (217) 656 - 2300 California Global ID No.: Enfos Proposal No: DooB4 - 0004 ab Shipping Accet: OOC-BU Email EDD To: Corraine Welon _ab Bottle Order No: 136008 Accounting Mode:) Provision 60 Activity: 3 1 BP/ARC Other Info: Stage: Contractor Matrix No. Containers / Preservative Report Type & QC Level BP/ARC EBM: Requested Analyses (216) 271-8038 Standard EBM Email Full Data Package _____ Water / Liquid Total Number Lab Unpreserved Time Sample Description Date Comments Soil / Solid Air / Vapor No. Methanol 81791 9 Note: If sample not collected, indicate "No H₂SO₄ HNO3 Sample" in comments and single-strike out 豆 and initial any preprinted sample description. 1430 3 4/8/13 1445 * ANALYSIS PER PER BUTTU E-FELTER - UNP 4/0/13 asus Sampler's Name: Rechard CRecker Relinquished By / Affiliation Time Accepted By / Affiliation Date Time Sampler's Company: Ohm Enterpres luci Rolle - Oran 1530 Shipment Method: FeD 🗞 Ship Date: Shipment Tracking No: 801301784597

Laboratory Copy

Cooler Temp on Receipt:

Trip Blank: Yes / No

MS/MSD Sample Submitted Yes / No

Temp Blank: Yes / No

Special Instructions:

THIS LINE - LAB USE ONLY: Custody Seals In Place: Yes /

Environmental Sample Administration Receipt Documentation Log

Client/	Project: <u></u>	CITSO	ns	Shipping Container Sealed: YES NO							
**	f Receipt:	<u>-4.9.</u>	15	Custody Seal Present *: YES NO							
Time o	f Receipt: _		<u> </u>	* Custody	seal was inta iscrepancy se	ct unless otherwise	noted in the				
Source	Code:		50-1	Package	-	Chilled	Not Chilled				
	Temperature of Shipping Containers										
Cooler #	Thermometer ID	Temperature (°C)	Temp Bottle (TB) or Surface Temp (ST)	Wet Ice (WI) or Dry Ice (DI) or Ice Packs (IP)	Ice Present? Y/N	Loose (L) Bagged Ice (B) or NA	Comments				
1	2737	5.7	TB	3	X	B					
2											
3											
4											
5			•								
6											
			IOT listed on chair	of custody: C)						
10 —	nk 2	Tin	ne = 140	15							
Unpac	ker Signature	/Emp#:	Munf	m 220	Date/Ti	me: <u>4.9.</u> 1	3 934				

Issued by Dept. 6042 Management



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)
С	degrees Celsius	F	degrees Fahrenheit
meq	milliequivalents	lb.	pound(s)
g	gram(s)	kg	kilogram(s)
μg	microgram(s)	mg	milligram(s)
mL	milliliter(s)	L	liter(s)
m3	cubic meter(s)	μL	microliter(s)
		pg/L	picogram/liter

- < less than The number following the sign is the <u>limit of quantitation</u>, 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 B C	TIC is a possible aldol-condensation product Analyte was also detected in the blank Pesticide result confirmed by GC/MS	B E M	Value is <crdl, but="" due="" duplicate="" estimated="" injection="" interference="" met<="" not="" precision="" th="" to="" ≥idl=""></crdl,>
D E	Compound quantitated on a diluted sample Concentration exceeds the calibration range of the instrument	N S	Spike sample not within control limits Method of standard additions (MSA) used for calculation
N	Presumptive evidence of a compound (TICs only)	U	Compound was not detected
Р	Concentration difference between primary and	W	Post digestion spike out of control limits
	confirmation columns >25%	*	Duplicate analysis not within control limits
U X,Y,Z	Compound was not detected Defined in case narrative	+	Correlation coefficient for MSA < 0.995

Analytical test results meet all requirements of NELAC unless otherwise noted under the individual analysis.

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

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

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

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, and Lancaster hereby objects to any conflicting terms contained in any acceptance or order submitted by client.



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ANALYTICAL RESULTS

Prepared by:

Prepared for:

Eurofins Lancaster Laboratories 2425 New Holland Pike Lancaster, PA 17601 Atlantic Richfield(Parsons-NY) BP Corporation 501 WestLake Park Blvd Houston TX 77079

April 22, 2013

Project: BP Sanborn

Submittal Date: 04/10/2013 Group Number: 1381737 PO Number: D00B4-0004 Release Number: BARBER State of Sample Origin: NY

Client Sample Description	Lancaster Labs (LLI) #
B-22 Water	7016198
B-22 MS Water	7016199
B-22 MSD Water	7016200
B-22 DUP Water	7016201
B-21 Water	7016202
B-28 Water	7016203
B-38 Water	7016204
Quarry Water	7016205

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

ELECTRONIC Parsons Attn: George Hermance

COPY TO

ELECTRONIC Parsons Attn: Lorraine Weber

COPY TO



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Respectfully Submitted,

Kaitlin N. Plasterer Specialist

Maither M. Pasterer

(717) 556-7323



Case Narrative

Project Name: BP Sanborn LLI Group #: 1381737

General Comments:

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

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

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

Project specific QC samples are included in this data set

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

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

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

The temperature of the temperature blank bottle(s) upon receipt at the lab was $8.1\ C$ using a Hg thermometer. The sample bottles were then measured using an IR thermometer and were recorded at $6.8\text{-}10.2\ C.$

Analysis Specific Comments:

No additional comments are necessary.



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Sample Description: B-22 Water

BP Sanborn COC: 192468 2040 Cory Dr - Sanborn, NY LLI Sample # WW 7016198 LLI Group # 1381737 Account # 12495

Project Name: BP Sanborn

Submitted: 04/10/2013 09:20

Reported: 04/22/2013 08:01

Collected: 04/09/2013 13:00 by RCB Atlantic Richfield(Parsons-NY)

BP Corporation

501 WestLake Park Blvd

Houston TX 77079

B-22-

CAT No.	Analysis Name		CAS Number	As Received Result	As Received Method Detection Limit*	As Received Limit of Quantitation	Dilution Factor
GC/MS	Volatiles S	W-846	8260B	ug/l	ug/l	ug/l	
10335	Benzyl Chloride		100-44-7	N.D.	1.0	5.0	1
10335	Bromobenzene		108-86-1	N.D.	1.0	5.0	1
10335	Bromodichloromethane		75-27-4	N.D.	1.0	5.0	1
10335	Bromoform		75-25-2	N.D.	1.0	5.0	1
10335	Bromomethane		74-83-9	N.D.	1.0	5.0	1
10335	Carbon Tetrachloride		56-23-5	N.D.	1.0	5.0	1
10335	Chlorobenzene		108-90-7	N.D.	0.80	5.0	1
10335	Chloroethane		75-00-3	N.D.	1.0	5.0	1
10335	2-Chloroethyl Vinyl Et	ther	110-75-8	N.D.	2.0	10	1
	2-Chloroethyl vinyl et preserve this sample.		y not be recovered	l if acid was us	ed to		
10335	Chloroform		67-66-3	N.D.	0.80	5.0	1
10335	Chloromethane		74-87-3	N.D.	1.0	5.0	1
10335	Dibromochloromethane		124-48-1	N.D.	1.0	5.0	1
10335	Dibromomethane		74-95-3	N.D.	1.0	5.0	1
10335	1,2-Dichlorobenzene		95-50-1	N.D.	1.0	5.0	1
10335	1,3-Dichlorobenzene		541-73-1	N.D.	1.0	5.0	1
10335	1,4-Dichlorobenzene		106-46-7	N.D.	1.0	5.0	1
10335	Dichlorodifluoromethan	ne	75-71-8	N.D.	2.0	5.0	1
10335	1,1-Dichloroethane		75-34-3	N.D.	1.0	5.0	1
10335	1,2-Dichloroethane		107-06-2	N.D.	1.0	5.0	1
10335	1,1-Dichloroethene		75-35-4	N.D.	0.80	5.0	1
10335	cis-1,2-Dichloroethene	9	156-59-2	40	0.80	5.0	1
10335	trans-1,2-Dichloroethe	ene	156-60-5	N.D.	0.80	5.0	1
10335	1,2-Dichloropropane		78-87-5	N.D.	1.0	5.0	1
10335	cis-1,3-Dichloroproper	ne	10061-01-5	N.D.	1.0	5.0	1
10335	trans-1,3-Dichloroprop	pene	10061-02-6	N.D.	1.0	5.0	1
10335	Methylene Chloride		75-09-2	N.D.	2.0	5.0	1
10335	1,1,1,2-Tetrachloroeth	nane	630-20-6	N.D.	1.0	5.0	1
10335	1,1,2,2-Tetrachloroeth	nane	79-34-5	N.D.	1.0	5.0	1
10335	Tetrachloroethene		127-18-4	N.D.	0.80	5.0	1
10335	1,1,1-Trichloroethane		71-55-6	N.D.	0.80	5.0	1
10335	1,1,2-Trichloroethane		79-00-5	N.D.	0.80	5.0	1
10335	Trichloroethene		79-01-6	9.1	1.0	5.0	1
10335	Trichlorofluoromethane		75-69-4	N.D.	2.0	5.0	1
10335	1,2,3-Trichloropropane	9	96-18-4	N.D.	1.0	5.0	1
10335	Vinyl Chloride		75-01-4	8.8	1.0	5.0	1
		SKSOP-	-175 modified	ug/l	ug/l	ug/l	
07105	Ethane		74-84-0	N.D.	1.0	5.0	1
07105	Ethene		74-85-1	N.D.	1.0	5.0	1
07105	Methane		74-82-8	N.D.	3.0	5.0	1
Metal		W-846	6010B	mg/l	mg/l	mg/l	
01754	Iron		7439-89-6	1.02	0.0333	0.200	1
07058	Manganese		7439-96-5	0.0509	0.00083	0.0050	1
		PA 300		mg/l	mg/l	mg/l	
00224	Chloride		16887-00-6	70.7	10.0	20.0	50

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



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Sample Description: B-22 Water

BP Sanborn COC: 192468 2040 Cory Dr - Sanborn, NY LLI Sample # WW 7016198 LLI Group # 1381737 Account # 12495

Project Name: BP Sanborn

Collected: 04/09/2013 13:00 by RCB Atlantic Richfield(Parsons-NY)

BP Corporation

501 WestLake Park Blvd

Houston TX 77079

Submitted: 04/10/2013 09:20

Reported: 04/22/2013 08:01

B-22-

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit*	As Received Limit of Quantitation	Dilution Factor
Wet Cl	nemistry EPA 300.	0	mg/l	mg/l	mg/l	
00368	Nitrate Nitrogen	14797-55-8	N.D.	0.25	0.50	5
01506	Nitrite Nitrogen	14797-65-0	N.D.	0.40	0.50	5
00228	Sulfate	14808-79-8	327	15.0	50.0	50
	EPA 415.	1 modified	mg/l	mg/l	mg/l	
07547	Dissolved Organic Carbon	n.a.	1.9	0.50	1.0	1
	EPA 410.	4	mg/l	mg/l	mg/l	
04001	Chemical Oxygen Demand	n.a.	N.D.	12.8	50.0	1
	SM 5210	B-2001	mg/l	mg/l	mg/l	
00235	Biochemical Oxygen Demand	n.a.	N.D.	4.5	4.5	1

General Sample Comments

State of New York Certification No. 10670 The temperature of the temperature blank bottle(s) upon receipt at the lab was $8.1\ C$ using a Hg thermometer. The sample bottles were then measured using an IR thermometer and were recorded at $6.8\text{-}10.2\ C$.

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

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Ti	me	Analyst	Dilution Factor
10335	VOCs 8260 Parsons Specs List	SW-846 8260B	1	Y131041AA	04/14/2013	20:40	Sarah A Guill	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	Y131041AA	04/14/2013	20:40	Sarah A Guill	1
07105	Volatile Headspace Hydrocarbon	RSKSOP-175 modified	1	131090002A	04/19/2013	10:05	Elizabeth J Marin	1
01754	Iron	SW-846 6010B	2	131021848004	04/17/2013	16:45	Katlin N Cataldi	1
07058	Manganese	SW-846 6010B	1	131021848004	04/16/2013	18:32	John P Hook	1
01848	WW SW846 ICP Digest (tot rec)	SW-846 3005A	1	131021848004	04/15/2013	08:48	James L Mertz	1
00224	Chloride	EPA 300.0	1	13100655601A	04/12/2013	15:53	Christopher D Meeks	50
00368	Nitrate Nitrogen	EPA 300.0	1	13100655601A	04/10/2013	13:32	Christopher D Meeks	5
01506	Nitrite Nitrogen	EPA 300.0	1	13100655601A	04/10/2013	13:32	Christopher D Meeks	5
00228	Sulfate	EPA 300.0	1	13100655601A	04/12/2013	15:53	Christopher D Meeks	50
07547	Dissolved Organic Carbon	EPA 415.1 modified	1	13106049501A	04/16/2013	04:38	James S Mathiot	1
04001	Chemical Oxygen Demand	EPA 410.4	1	13109400101A	04/19/2013	10:05	Susan A Engle	1

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



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Sample Description: B-22 Water

BP Sanborn COC: 192468 2040 Cory Dr - Sanborn, NY LLI Sample # WW 7016198 LLI Group # 1381737

Account # 12495

Project Name: BP Sanborn

Submitted: 04/10/2013 09:20

Reported: 04/22/2013 08:01

Collected: 04/09/2013 13:00 by RCB Atlantic Richfield(Parsons-NY)

BP Corporation

501 WestLake Park Blvd

Houston TX 77079

B-22-

CAT	Analysis Name	Method	Trial#	Batch#	Analysis	Analyst	Dilution
No.					Date and Time		Factor
00235	Biochemical Oxygen Demand	SM 5210 B-2001	1	13100023502A	04/10/2013 18:46	Hannah M Royer	1



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Sample Description: B-22 MS Water

BP Sanborn COC: 192469 2040 Cory Dr - Sanborn, NY LLI Sample # WW 7016199 LLI Group # 1381737 Account # 12495

Project Name: BP Sanborn

Submitted: 04/10/2013 09:20

Reported: 04/22/2013 08:01

Collected: 04/09/2013 13:00 by RCB Atlantic Richfield(Parsons-NY)

BP Corporation

501 WestLake Park Blvd

Houston TX 77079

B-22-

CAT No.	Analysis Name		CAS Number	As Received Result	As Received Method Detection Limit*	As Received Limit of Quantitation	Dilution Factor
GC/MS	Volatiles S	W-846	8260B	ug/l	ug/l	ug/l	
10335	Benzyl Chloride		100-44-7	16	1.0	5.0	1
10335	Bromobenzene		108-86-1	19	1.0	5.0	1
10335	Bromodichloromethane		75-27-4	18	1.0	5.0	1
10335	Bromoform		75-25-2	15	1.0	5.0	1
10335	Bromomethane		74-83-9	17	1.0	5.0	1
10335	Carbon Tetrachloride		56-23-5	20	1.0	5.0	1
10335	Chlorobenzene		108-90-7	21	0.80	5.0	1
10335	Chloroethane		75-00-3	17	1.0	5.0	1
10335	2-Chloroethyl Vinyl E	ther	110-75-8	17	2.0	10	1
10333	2-Chloroethyl vinyl e					10	Δ.
	preserve this sample.	citet IIIg	y not be recovered	ı ıı acıu was US	eu co		
10335	Chloroform		67-66-3	19	0.80	5.0	1
10335	Chloromethane		74-87-3	22	1.0	5.0	1
10335	Dibromochloromethane		124-48-1	19	1.0	5.0	1
				19			
10335	Dibromomethane		74-95-3		1.0	5.0	1
10335	1,2-Dichlorobenzene		95-50-1	19	1.0	5.0	1
10335	1,3-Dichlorobenzene		541-73-1	19	1.0	5.0	1
10335	1,4-Dichlorobenzene		106-46-7	19	1.0	5.0	1
10335	Dichlorodifluorometha	ne	75-71-8	17	2.0	5.0	1
10335	1,1-Dichloroethane		75-34-3	21	1.0	5.0	1
10335	1,2-Dichloroethane		107-06-2	18	1.0	5.0	1
10335	1,1-Dichloroethene		75-35-4	21	0.80	5.0	1
10335	cis-1,2-Dichloroethen		156-59-2	61	0.80	5.0	1
10335	trans-1,2-Dichloroeth	ene	156-60-5	21	0.80	5.0	1
10335	1,2-Dichloropropane		78-87-5	20	1.0	5.0	1
10335	cis-1,3-Dichloroprope		10061-01-5	20	1.0	5.0	1
10335	trans-1,3-Dichloropro	pene	10061-02-6	16	1.0	5.0	1
10335	Methylene Chloride		75-09-2	19	2.0	5.0	1
10335	1,1,1,2-Tetrachloroet	hane	630-20-6	20	1.0	5.0	1
10335	1,1,2,2-Tetrachloroet	hane	79-34-5	19	1.0	5.0	1
10335	Tetrachloroethene		127-18-4	21	0.80	5.0	1
10335	1,1,1-Trichloroethane		71-55-6	17	0.80	5.0	1
10335	1,1,2-Trichloroethane		79-00-5	20	0.80	5.0	1
10335	Trichloroethene		79-01-6	30	1.0	5.0	1
10335	Trichlorofluoromethan	е	75-69-4	18	2.0	5.0	1
10335	1,2,3-Trichloropropan	е	96-18-4	18	1.0	5.0	1
10335	Vinyl Chloride		75-01-4	27	1.0	5.0	1
cc wie	scellaneous R	GKGUD.	-175 modified	ug/l	ug/l	ug/l	
		DADOF -			=	3.	1
07105	Ethane		74-84-0	43	1.0	5.0	1
07105	Ethene		74-85-1	49	1.0	5.0	1
07105	Methane		74-82-8	46	3.0	5.0	1
Metals	s S	W-846	6010B	mg/l	mg/l	mg/l	
01754	Iron		7439-89-6	2.05	0.0333	0.200	1
07058	Manganese		7439-96-5	0.561	0.00083	0.0050	1
Wat Cl	nemistry E	PA 300) ()	mg/l	mg/l	mg/l	
	TCTUTO CT A D	FM 300	<i>,</i>	3/ -		3/ -	

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



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Sample Description: B-22 MS Water

BP Sanborn COC: 192469 2040 Cory Dr - Sanborn, NY LLI Sample # WW 7016199 LLI Group # 1381737 Account # 12495

Project Name: BP Sanborn

Submitted: 04/10/2013 09:20

Reported: 04/22/2013 08:01

Collected: 04/09/2013 13:00 by RCB Atlantic Richfield(Parsons-NY)

BP Corporation

501 WestLake Park Blvd

Houston TX 77079

B-22-

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit*	As Received Limit of Quantitation	Dilution Factor
Wet C	hemistry EPA 300.0		mg/l	mg/l	mg/l	
00368	Nitrate Nitrogen	14797-55-8	9.9	0.50	1.0	10
01506	Nitrite Nitrogen	14797-65-0	9.2	0.80	1.0	10
00228	Sulfate	14808-79-8	847	30.0	100	100
	EPA 415.1	modified	mg/l	mg/l	mg/l	
07547	Dissolved Organic Carbon	n.a.	12.4	0.50	1.0	1
	EPA 410.4		mg/l	mg/l	mg/l	
04001	Chemical Oxygen Demand	n.a.	392	12.8	50.0	1
	SM 5210 E	-2001	mg/l	mg/l	mg/l	
00235	Biochemical Oxygen Demand	n.a.	46.4	0.80	3.0	1

General Sample Comments

State of New York Certification No. 10670 The temperature of the temperature blank bottle(s) upon receipt at the lab was $8.1\ C$ using a Hg thermometer. The sample bottles were then measured using an IR thermometer and were recorded at $6.8\text{-}10.2\ C$.

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

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Ti	me	Analyst	Dilution Factor
10335	VOCs 8260 Parsons Specs List	SW-846 8260B	1	Y131041AA	04/14/2013	21:00	Sarah A Guill	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	Y131041AA	04/14/2013	21:00	Sarah A Guill	1
07105	Volatile Headspace Hydrocarbon	RSKSOP-175 modified	1	131090002A	04/19/2013	10:23	Elizabeth J Marin	1
01754	Iron	SW-846 6010B	1	131021848004	04/16/2013	18:46	John P Hook	1
07058	Manganese	SW-846 6010B	1	131021848004	04/16/2013	18:46	John P Hook	1
01848	WW SW846 ICP Digest (tot rec)	SW-846 3005A	1	131021848004	04/15/2013	08:48	James L Mertz	1
00224	Chloride	EPA 300.0	1	13100655601A	04/12/2013	16:27	Christopher D Meeks	100
00368	Nitrate Nitrogen	EPA 300.0	1	13100655601A	04/10/2013	14:02	Christopher D Meeks	10
01506	Nitrite Nitrogen	EPA 300.0	1	13100655601A	04/10/2013	14:02	Christopher D Meeks	10
00228	Sulfate	EPA 300.0	1	13100655601A	04/12/2013	16:27	Christopher D Meeks	100
07547	Dissolved Organic Carbon	EPA 415.1 modified	1	13106049501A	04/16/2013	04:54	James S Mathiot	1
04001	Chemical Oxygen Demand	EPA 410.4	1	13109400101A	04/19/2013	10:05	Susan A Engle	1

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



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Sample Description: B-22 MS Water

BP Sanborn COC: 192469 2040 Cory Dr - Sanborn, NY LLI Sample # WW 7016199 LLI Group # 1381737

Account # 12495

Project Name: BP Sanborn

Submitted: 04/10/2013 09:20

Reported: 04/22/2013 08:01

Collected: 04/09/2013 13:00 by RCB Atlantic Richfield(Parsons-NY)

BP Corporation

501 WestLake Park Blvd

Houston TX 77079

B-22-

CAT	Analysis Name	Method	Trial#	Batch#	Analysis	Analyst	Dilution
No.					Date and Time		Factor
00235	Biochemical Oxygen Demand	SM 5210 B-2001	1	13100023502A	04/10/2013 18:4	6 Hannah M Royer	1



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Sample Description: B-22 MSD Water

BP Sanborn COC: 192469 2040 Cory Dr - Sanborn, NY LLI Sample # WW 7016200 LLI Group # 1381737 Account # 12495

Project Name: BP Sanborn

Submitted: 04/10/2013 09:20

Reported: 04/22/2013 08:01

Collected: 04/09/2013 13:00 by RCB Atlantic Richfield(Parsons-NY)

BP Corporation

501 WestLake Park Blvd

Houston TX 77079

B-22-

CAT No.	Analysis Name		CAS Number	As Received Result	As Received Method Detection Limit*	As Received Limit of Quantitation	Dilution Factor
GC/MS	Volatiles S	SW-846	8260B	ug/l	ug/l	ug/l	
10335	Benzyl Chloride		100-44-7	16	1.0	5.0	1
10335	Bromobenzene		108-86-1	19	1.0	5.0	1
10335	Bromodichloromethane		75-27-4	19	1.0	5.0	1
10335	Bromoform		75-25-2	15	1.0	5.0	1
10335	Bromomethane		74-83-9	17	1.0	5.0	1
10335	Carbon Tetrachloride		56-23-5	20	1.0	5.0	1
10335	Chlorobenzene		108-90-7	21	0.80	5.0	1
10335	Chloroethane		75-00-3	17	1.0	5.0	1
10335	2-Chloroethyl Vinyl E	ther	110-75-8	18	2.0	10	1
	2-Chloroethyl vinyl e preserve this sample.		y not be recovered	l if acid was us	ed to		
10335	Chloroform		67-66-3	19	0.80	5.0	1
10335	Chloromethane		74-87-3	22	1.0	5.0	1
10335	Dibromochloromethane		124-48-1	19	1.0	5.0	1
10335	Dibromomethane		74-95-3	19	1.0	5.0	1
10335	1,2-Dichlorobenzene		95-50-1	19	1.0	5.0	1
10335	1,3-Dichlorobenzene		541-73-1	19	1.0	5.0	1
10335	1,4-Dichlorobenzene		106-46-7	20	1.0	5.0	1
10335	Dichlorodifluorometha	ine	75-71-8	17	2.0	5.0	1
10335	1,1-Dichloroethane		75-34-3	22	1.0	5.0	1
10335	1,2-Dichloroethane		107-06-2	19	1.0	5.0	1
10335	1,1-Dichloroethene		75-35-4	21	0.80	5.0	1
10335	cis-1,2-Dichloroether	ie	156-59-2	61	0.80	5.0	1
10335	trans-1,2-Dichloroeth	iene	156-60-5	21	0.80	5.0	1
10335	1,2-Dichloropropane		78-87-5	21	1.0	5.0	1
10335	cis-1,3-Dichloroprope	ene	10061-01-5	21	1.0	5.0	1
10335	trans-1,3-Dichloropro	pene	10061-02-6	17	1.0	5.0	1
10335	Methylene Chloride		75-09-2	19	2.0	5.0	1
10335	1,1,1,2-Tetrachloroet	hane	630-20-6	20	1.0	5.0	1
10335	1,1,2,2-Tetrachloroet	hane	79-34-5	19	1.0	5.0	1
10335	Tetrachloroethene		127-18-4	21	0.80	5.0	1
10335	1,1,1-Trichloroethane	2	71-55-6	18	0.80	5.0	1
10335	1,1,2-Trichloroethane	2	79-00-5	21	0.80	5.0	1
10335	Trichloroethene		79-01-6	31	1.0	5.0	1
10335	Trichlorofluoromethan	ie	75-69-4	18	2.0	5.0	1
10335	1,2,3-Trichloropropan	ie	96-18-4	18	1.0	5.0	1
10335	Vinyl Chloride		75-01-4	27	1.0	5.0	1
		RSKSOP-	-175 modified	ug/l	ug/l	ug/l	
07105	Ethane		74-84-0	40	1.0	5.0	1
07105	Ethene		74-85-1	45	1.0	5.0	1
07105	Methane		74-82-8	42	3.0	5.0	1
Metal	5 5	SW-846		mg/l	mg/l	mg/l	
01754	Iron		7439-89-6	2.09	0.0333	0.200	1
07058	Manganese		7439-96-5	0.561	0.00083	0.0050	1
Wet C	nemistry E	EPA 410	0.4	mg/l	mg/l	mg/l	
04001	Chemical Oxygen Deman	ıd	n.a.	397	12.8	50.0	1

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



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Sample Description: B-22 MSD Water

BP Sanborn COC: 192469 2040 Cory Dr - Sanborn, NY LLI Sample # WW 7016200 LLI Group # 1381737

Account # 12495

Project Name: BP Sanborn

Submitted: 04/10/2013 09:20

Reported: 04/22/2013 08:01

Collected: 04/09/2013 13:00 by RCB Atlantic Richfield(Parsons-NY)

BP Corporation

501 WestLake Park Blvd

Houston TX 77079

B-22-

CAT No. Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit*	As Received Limit of Quantitation	Dilution Factor
Wet Chemistry SM 5210 B 00235 Biochemical Oxygen Demand	-2001 n.a.	mg/1 44.5	mg/l 0.80	mg/l 3.0	1

General Sample Comments

State of New York Certification No. 10670 The temperature of the temperature blank bottle(s) upon receipt at the lab was $8.1\ C$ using a Hg thermometer. The sample bottles were then measured using an IR thermometer and were recorded at $6.8\text{-}10.2\ C$.

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

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	1	Analyst	Dilution Factor
10335	VOCs 8260 Parsons Specs List	SW-846 8260B	1	Y131041AA	04/14/2013 23	1:21	Sarah A Guill	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	Y131041AA	04/14/2013 23	1:21	Sarah A Guill	1
07105	Volatile Headspace Hydrocarbon	RSKSOP-175 modified	1	131090002A	04/19/2013 1	0:41	Elizabeth J Marin	1
01754	Iron	SW-846 6010B	1	131021848004	04/16/2013 18	8:50	John P Hook	1
07058	Manganese	SW-846 6010B	1	131021848004	04/16/2013 18	8:50	John P Hook	1
01848	WW SW846 ICP Digest (tot rec)	SW-846 3005A	1	131021848004	04/15/2013 08	8:48	James L Mertz	1
04001	Chemical Oxygen Demand	EPA 410.4	1	13109400101A	04/19/2013 10	0:05	Susan A Engle	1
00235	Biochemical Oxygen Demand	SM 5210 B-2001	1	13100023502A	04/10/2013 18	8:46	Hannah M Royer	1

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



2425 New Holland Pike, Lancaster, PA 17601 • 717-656-2300 • Fax; 717-656-2681 • www.LancasterLabs.com

Sample Description: B-22 DUP Water

BP Sanborn COC: 192468 2040 Cory Dr - Sanborn, NY LLI Sample # WW 7016201 LLI Group # 1381737 Account # 12495

Project Name: BP Sanborn

Submitted: 04/10/2013 09:20

Reported: 04/22/2013 08:01

Collected: 04/09/2013 13:00 by RCB Atlantic Richfield(Parsons-NY)

BP Corporation

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B-22-

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit*	As Received Limit of Quantitation	Dilution Factor
Metal	SW-846 6	5010B	mg/l	mg/l	mg/l	
01754 07058	Iron Manganese	7439-89-6 7439-96-5	1.08 0.0509	0.0666 0.00083	0.400 0.0050	2 1
Wet Cl	hemistry EPA 300	. 0	mg/l	mg/l	mg/l	
00224	Chloride	16887-00-6	67.3	10.0	20.0	50
00368	Nitrate Nitrogen	14797-55-8	N.D.	0.25	0.50	5
01506	Nitrite Nitrogen	14797-65-0	N.D.	0.40	0.50	5
00228	Sulfate	14808-79-8	326	15.0	50.0	50
	EPA 415	.1 modified	mg/l	mg/l	mg/l	
07547	Dissolved Organic Carbon	n.a.	1.9	0.50	1.0	1
	EPA 410	. 4	mg/l	mg/l	mg/l	
04001	Chemical Oxygen Demand	n.a.	N.D.	12.8	50.0	1
	SM 5210	B-2001	mg/l	mg/l	mg/l	
00235	Biochemical Oxygen Demand	n.a.	N.D.	4.7	4.7	1

General Sample Comments

State of New York Certification No. 10670 The temperature of the temperature blank bottle(s) upon receipt at the lab was $8.1\ C$ using a Hg thermometer. The sample bottles were then measured using an IR thermometer and were recorded at $6.8\text{-}10.2\ C$.

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

	Laboratory Sample Analysis Record									
CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Ti	me	Analyst	Dilution Factor		
01754	Iron	SW-846 6010B	1	131021848004	04/17/2013	07:03	Joanne M Gates	2		
07058	Manganese	SW-846 6010B	1	131021848004	04/16/2013	18:41	John P Hook	1		
01848	WW SW846 ICP Digest (tot rec)	SW-846 3005A	1	131021848004	04/15/2013	08:48	James L Mertz	1		
00224	Chloride	EPA 300.0	1	13100655601A	04/12/2013	16:12	Christopher D Meeks	50		
00368	Nitrate Nitrogen	EPA 300.0	1	13100655601A	04/10/2013	13:47	Christopher D Meeks	5		
01506	Nitrite Nitrogen	EPA 300.0	1	13100655601A	04/10/2013	13:47	Christopher D Meeks	5		
00228	Sulfate	EPA 300.0	1	13100655601A	04/12/2013	16:12	Christopher D Meeks	50		
07547	Dissolved Organic Carbon	EPA 415.1 modified	1	13106049501A	04/16/2013	05:09	James S Mathiot	1		

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



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Sample Description: B-22 DUP Water

BP Sanborn COC: 192468 2040 Cory Dr - Sanborn, NY LLI Sample # WW 7016201

LLI Group # 1381737 Account # 12495

Project Name: BP Sanborn

Submitted: 04/10/2013 09:20

Reported: 04/22/2013 08:01

Collected: 04/09/2013 13:00 by RCB Atlantic Richfield(Parsons-NY)

BP Corporation

501 WestLake Park Blvd

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B-22-

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Ti	me	Analyst	Dilution Factor
04001	Chemical Oxygen Demand	EPA 410.4	1	13109400101A	04/19/2013	10:05	Susan A Engle	1
00235	Biochemical Oxygen Demand	SM 5210 B-2001	1	13100023502A	04/10/2013	18:46	Hannah M Royer	1



2425 New Holland Pike, Lancaster, PA 17601 • 717-656-2300 • Fax: 717-656-2681 • www.LancasterLabs.com

Sample Description: B-21 Water

BP Sanborn COC: 192468 2040 Cory Dr - Sanborn, NY LLI Sample # WW 7016202 LLI Group # 1381737 Account # 12495

Project Name: BP Sanborn

Submitted: 04/10/2013 09:20

Reported: 04/22/2013 08:01

Collected: 04/09/2013 10:30 by RCB Atlantic Richfield(Parsons-NY)

BP Corporation

501 WestLake Park Blvd

Houston TX 77079

B-21-

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit*	As Received Limit of Quantitation	Dilution Factor
GC/MS	Volatiles SW-846	8260B	ug/l	ug/l	ug/l	
10335	Benzyl Chloride	100-44-7	N.D.	1.0	5.0	1
10335	Bromobenzene	108-86-1	N.D.	1.0	5.0	1
10335	Bromodichloromethane	75-27-4	N.D.	1.0	5.0	1
10335	Bromoform	75-25-2	N.D.	1.0	5.0	1
10335	Bromomethane	74-83-9	N.D.	1.0	5.0	1
10335	Carbon Tetrachloride	56-23-5	N.D.	1.0	5.0	1
10335	Chlorobenzene	108-90-7	N.D.	0.80	5.0	1
10335	Chloroethane	75-00-3	N.D.	1.0	5.0	1
10335	2-Chloroethyl Vinyl Ether	110-75-8	N.D.	2.0	10	1
	2-Chloroethyl vinyl ether may preserve this sample.		if acid was use	d to		
10335	Chloroform	67-66-3	N.D.	0.80	5.0	1
10335	Chloromethane	74-87-3	N.D.	1.0	5.0	1
10335	Dibromochloromethane	124-48-1	N.D.	1.0	5.0	1
10335	Dibromomethane	74-95-3	N.D.	1.0	5.0	1
10335	1,2-Dichlorobenzene	95-50-1	N.D.	1.0	5.0	1
10335	1,3-Dichlorobenzene	541-73-1	N.D.	1.0	5.0	1
10335	1,4-Dichlorobenzene	106-46-7	N.D.	1.0	5.0	1
10335	Dichlorodifluoromethane	75-71-8	N.D.	2.0	5.0	1
10335	1,1-Dichloroethane	75-34-3	N.D.	1.0	5.0	1
10335	1,2-Dichloroethane	107-06-2	N.D.	1.0	5.0	1
10335	1,1-Dichloroethene	75-35-4	N.D.	0.80	5.0	1
10335	cis-1,2-Dichloroethene	156-59-2	N.D.	0.80	5.0	1
10335	trans-1,2-Dichloroethene	156-60-5	N.D.	0.80	5.0	1
10335	1,2-Dichloropropane	78-87-5	N.D.	1.0	5.0	1
10335	cis-1,3-Dichloropropene	10061-01-5	N.D.	1.0	5.0	1
10335	trans-1,3-Dichloropropene	10061-02-6	N.D.	1.0	5.0	1
10335	Methylene Chloride	75-09-2	N.D.	2.0	5.0	1
10335	1,1,1,2-Tetrachloroethane	630-20-6	N.D.	1.0	5.0	1
10335	1,1,2,2-Tetrachloroethane	79-34-5	N.D.	1.0	5.0	1
10335	Tetrachloroethene	127-18-4	N.D.	0.80	5.0	1
10335	1,1,1-Trichloroethane	71-55-6	N.D.	0.80	5.0	1
10335	1,1,2-Trichloroethane	79-00-5	N.D.	0.80	5.0	1
10335	Trichloroethene	79-01-6	N.D.	1.0	5.0	1
10335	Trichlorofluoromethane	75-69-4	N.D.	2.0	5.0	1
10335	1,2,3-Trichloropropane	96-18-4	N.D.	1.0	5.0	1
10335	Vinyl Chloride	75-01-4	N.D.	1.0	5.0	1

General Sample Comments

State of New York Certification No. 10670
The temperature of the temperature blank bottle(s) upon receipt at the lab was 8.1 C using a Hg thermometer. The sample bottles were then measured using an IR thermometer and were recorded at 6.8-10.2 C.

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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Sample Description: B-21 Water

BP Sanborn COC: 192468 2040 Cory Dr - Sanborn, NY LLI Sample # WW 7016202 LLI Group # 1381737 Account # 12495

Project Name: BP Sanborn

Submitted: 04/10/2013 09:20

Reported: 04/22/2013 08:01

Collected: 04/09/2013 10:30 by RCB Atlantic Richfield(Parsons-NY)

BP Corporation

501 WestLake Park Blvd

Houston TX 77079

B-21-

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
10335	VOCs 8260 Parsons Specs List	SW-846 8260B	1	Y131041AA	04/14/2013 21:42	Sarah A Guill	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	Y131041AA	04/14/2013 21:42	Sarah A Guill	1



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Sample Description: B-28 Water

BP Sanborn COC: 192468 2040 Cory Dr - Sanborn, NY LLI Sample # WW 7016203 LLI Group # 1381737

Account # 12495

Project Name: BP Sanborn

Submitted: 04/10/2013 09:20

Reported: 04/22/2013 08:01

Collected: 04/09/2013 11:05 by RCB Atlantic Richfield(Parsons-NY)

BP Corporation

501 WestLake Park Blvd

Houston TX 77079

B-28-

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

General Sample Comments

State of New York Certification No. 10670
The temperature of the temperature blank bottle(s) upon receipt at the lab was 8.1 C using a Hg thermometer. The sample bottles were then measured using an IR thermometer and were recorded at 6.8-10.2 C.

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

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



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Sample Description: B-28 Water

BP Sanborn COC: 192468 2040 Cory Dr - Sanborn, NY LLI Sample # WW 7016203 LLI Group # 1381737

Account # 12495

Project Name: BP Sanborn

Submitted: 04/10/2013 09:20

Reported: 04/22/2013 08:01

Collected: 04/09/2013 11:05 by RCB Atlantic Richfield(Parsons-NY)

BP Corporation

501 WestLake Park Blvd

Houston TX 77079

B-28-

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
10335	VOCs 8260 Parsons Specs List	SW-846 8260B	1	Y131041AA	04/14/2013 22:03	Sarah A Guill	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	Y131041AA	04/14/2013 22:03	Sarah A Guill	1



Account

2425 New Holland Pike, Lancaster, PA 17601 • 717-656-2300 • Fax: 717-656-2681 • www.LancasterLabs.com

Sample Description: B-38 Water

BP Sanborn COC: 192468 2040 Cory Dr - Sanborn, NY LLI Sample # WW 7016204 LLI Group # 1381737

12495

Project Name: BP Sanborn

Submitted: 04/10/2013 09:20

Reported: 04/22/2013 08:01

Collected: 04/09/2013 09:35 by RCB Atlantic Richfield(Parsons-NY)

BP Corporation

501 WestLake Park Blvd

Houston TX 77079

B-38-

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit*	As Received Limit of Quantitation	Dilution Factor
GC/MS	Volatiles SW-846	8260B	ug/l	ug/l	ug/l	
10335	Benzyl Chloride	100-44-7	N.D.	1.0	5.0	1
10335	Bromobenzene	108-86-1	N.D.	1.0	5.0	1
10335	Bromodichloromethane	75-27-4	N.D.	1.0	5.0	1
10335	Bromoform	75-25-2	N.D.	1.0	5.0	1
10335	Bromomethane	74-83-9	N.D.	1.0	5.0	1
10335	Carbon Tetrachloride	56-23-5	N.D.	1.0	5.0	1
10335	Chlorobenzene	108-90-7	N.D.	0.80	5.0	1
10335	Chloroethane	75-00-3	N.D.	1.0	5.0	1
10335	2-Chloroethyl Vinyl Ether	110-75-8	N.D.	2.0	10	1
	2-Chloroethyl vinyl ether magpreserve this sample.	y not be recovered	if acid was us	sed to		
10335	Chloroform	67-66-3	N.D.	0.80	5.0	1
10335	Chloromethane	74-87-3	N.D.	1.0	5.0	1
10335	Dibromochloromethane	124-48-1	N.D.	1.0	5.0	1
10335	Dibromomethane	74-95-3	N.D.	1.0	5.0	1
10335	1,2-Dichlorobenzene	95-50-1	N.D.	1.0	5.0	1
10335	1,3-Dichlorobenzene	541-73-1	N.D.	1.0	5.0	1
10335	1,4-Dichlorobenzene	106-46-7	N.D.	1.0	5.0	1
10335	Dichlorodifluoromethane	75-71-8	N.D.	2.0	5.0	1
10335	1,1-Dichloroethane	75-34-3	1.4 J	1.0	5.0	1
10335	1,2-Dichloroethane	107-06-2	N.D.	1.0	5.0	1
10335	1,1-Dichloroethene	75-35-4	N.D.	0.80	5.0	1
10335	cis-1,2-Dichloroethene	156-59-2	59	0.80	5.0	1
10335	trans-1,2-Dichloroethene	156-60-5	1.4 J	0.80	5.0	1
10335	1,2-Dichloropropane	78-87-5	N.D.	1.0	5.0	1
10335	cis-1,3-Dichloropropene	10061-01-5	N.D.	1.0	5.0	1
10335	trans-1,3-Dichloropropene	10061-02-6	N.D.	1.0	5.0	1
10335	Methylene Chloride	75-09-2	N.D.	2.0	5.0	1
10335	1,1,1,2-Tetrachloroethane	630-20-6	N.D.	1.0	5.0	1
10335	1,1,2,2-Tetrachloroethane	79-34-5	N.D.	1.0	5.0	1
10335	Tetrachloroethene	127-18-4	N.D.	0.80	5.0	1
10335	1,1,1-Trichloroethane	71-55-6	N.D.	0.80	5.0	1
10335	1,1,2-Trichloroethane	79-00-5	N.D.	0.80	5.0	1
10335	Trichloroethene	79-01-6	44	1.0	5.0	1
10335	Trichlorofluoromethane	75-69-4	N.D.	2.0	5.0	1
10335	1,2,3-Trichloropropane	96-18-4	N.D.	1.0	5.0	1
10335	Vinyl Chloride	75-01-4	N.D.	1.0	5.0	1

General Sample Comments

State of New York Certification No. 10670
The temperature of the temperature blank bottle(s) upon receipt at the lab was 8.1 C using a Hg thermometer. The sample bottles were then measured using an IR thermometer and were recorded at 6.8-10.2 C.

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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Sample Description: B-38 Water

BP Sanborn COC: 192468 2040 Cory Dr - Sanborn, NY LLI Sample # WW 7016204 LLI Group # 1381737

Account # 12495

Project Name: BP Sanborn

Submitted: 04/10/2013 09:20

Reported: 04/22/2013 08:01

Collected: 04/09/2013 09:35 by RCB Atlantic Richfield(Parsons-NY)

BP Corporation

501 WestLake Park Blvd

Houston TX 77079

B-38-

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
10335	VOCs 8260 Parsons Specs List	SW-846 8260B	1	Y131041AA	04/14/2013 22:23	Sarah A Guill	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	Y131041AA	04/14/2013 22:23	Sarah A Guill	1



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Sample Description: Quarry Water

BP Sanborn COC: 192469 2040 Cory Dr - Sanborn, NY LLI Sample # WW 7016205 LLI Group # 1381737

Account # 12495

Project Name: BP Sanborn

Submitted: 04/10/2013 09:20

Reported: 04/22/2013 08:01

Collected: 04/09/2013 08:30 by RCB Atlantic Richfield(Parsons-NY)

BP Corporation

501 WestLake Park Blvd

Houston TX 77079

QRRY-

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit*	As Received Limit of Quantitation	Dilution Factor
GC/MS	Volatiles SW-846	8260B	ug/l	ug/l	ug/l	
10335	Benzyl Chloride	100-44-7	N.D.	1.0	5.0	1
10335	Bromobenzene	108-86-1	N.D.	1.0	5.0	1
10335	Bromodichloromethane	75-27-4	N.D.	1.0	5.0	1
10335	Bromoform	75-25-2	N.D.	1.0	5.0	1
10335	Bromomethane	74-83-9	N.D.	1.0	5.0	1
10335	Carbon Tetrachloride	56-23-5	N.D.	1.0	5.0	1
10335	Chlorobenzene	108-90-7	N.D.	0.80	5.0	1
10335	Chloroethane	75-00-3	N.D.	1.0	5.0	1
10335	2-Chloroethyl Vinyl Ether	110-75-8	N.D.	2.0	10	1
	2-Chloroethyl vinyl ether may preserve this sample.		if acid was use	d to		
10335	Chloroform	67-66-3	N.D.	0.80	5.0	1
10335	Chloromethane	74-87-3	N.D.	1.0	5.0	1
10335	Dibromochloromethane	124-48-1	N.D.	1.0	5.0	1
10335	Dibromomethane	74-95-3	N.D.	1.0	5.0	1
10335	1,2-Dichlorobenzene	95-50-1	N.D.	1.0	5.0	1
10335	1,3-Dichlorobenzene	541-73-1	N.D.	1.0	5.0	1
10335	1,4-Dichlorobenzene	106-46-7	N.D.	1.0	5.0	1
10335	Dichlorodifluoromethane	75-71-8	N.D.	2.0	5.0	1
10335	1,1-Dichloroethane	75-34-3	N.D.	1.0	5.0	1
10335	1,2-Dichloroethane	107-06-2	N.D.	1.0	5.0	1
10335	1,1-Dichloroethene	75-35-4	N.D.	0.80	5.0	1
10335	cis-1,2-Dichloroethene	156-59-2	N.D.	0.80	5.0	1
10335	trans-1,2-Dichloroethene	156-60-5	N.D.	0.80	5.0	1
10335	1,2-Dichloropropane	78-87-5	N.D.	1.0	5.0	1
10335	cis-1,3-Dichloropropene	10061-01-5	N.D.	1.0	5.0	1
10335	trans-1,3-Dichloropropene	10061-02-6	N.D.	1.0	5.0	1
10335	Methylene Chloride	75-09-2	N.D.	2.0	5.0	1
10335	1,1,1,2-Tetrachloroethane	630-20-6	N.D.	1.0	5.0	1
10335	1,1,2,2-Tetrachloroethane	79-34-5	N.D.	1.0	5.0	1
10335	Tetrachloroethene	127-18-4	N.D.	0.80	5.0	1
10335	1,1,1-Trichloroethane	71-55-6	N.D.	0.80	5.0	1
10335	1,1,2-Trichloroethane	79-00-5	N.D.	0.80	5.0	1
10335	Trichloroethene	79-01-6	N.D.	1.0	5.0	1
10335	Trichlorofluoromethane	75-69-4	N.D.	2.0	5.0	1
10335	1,2,3-Trichloropropane	96-18-4	N.D.	1.0	5.0	1
10335	Vinyl Chloride	75-01-4	N.D.	1.0	5.0	1

General Sample Comments

State of New York Certification No. 10670
The temperature of the temperature blank bottle(s) upon receipt at the lab was 8.1 C using a Hg thermometer. The sample bottles were then measured using an IR thermometer and were recorded at 6.8-10.2 C.

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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Sample Description: Quarry Water

BP Sanborn COC: 192469 2040 Cory Dr - Sanborn, NY LLI Sample # WW 7016205

LLI Group # 1381737 Account # 12495

Project Name: BP Sanborn

Submitted: 04/10/2013 09:20

Reported: 04/22/2013 08:01

Collected: 04/09/2013 08:30 by RCB Atlantic Richfield(Parsons-NY)

BP Corporation

501 WestLake Park Blvd

Houston TX 77079

QRRY-

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
10335	VOCs 8260 Parsons Specs	SW-846 8260B	1	Y131041AA	04/14/2013 22:44	Sarah A Guill	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	Y131041AA	04/14/2013 22:44	Sarah A Guill	1



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Quality Control Summary

Client Name: Atlantic Richfield(Parsons-NY) Group Number: 1381737

Reported: 04/22/13 at 08:01 AM

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

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

Laboratory Compliance Quality Control

Analysis Name	Blank <u>Result</u>	Blank MDL**	Blank <u>LOO</u>	Report <u>Units</u>	LCS %REC	LCSD %REC	LCS/LCSD <u>Limits</u>	RPD	RPD Max
Batch number: Y131041AA	Sample numi	ber(s): 70	16198-701	6200,701620	2-70162	05			
Benzyl Chloride	N.D.	1.0	5.0	uq/1	79		49-120		
Bromobenzene	N.D.	1.0	5.0	ug/l	89		80-120		
Bromodichloromethane	N.D.	1.0	5.0	uq/l	88		73-120		
Bromoform	N.D.	1.0	5.0	uq/l	74		61-120		
Bromomethane	N.D.	1.0	5.0	ug/l	71		51-120		
Carbon Tetrachloride	N.D.	1.0	5.0	ug/l	88		65-137		
Chlorobenzene	N.D.	0.80	5.0	uq/l	98		80-120		
Chloroethane	N.D.	1.0	5.0	ug/l	75		60-120		
2-Chloroethyl Vinyl Ether	N.D.	2.0	10	uq/l	86		52-127		
Chloroform	N.D.	0.80	5.0	uq/l	88		77-122		
Chloromethane	N.D.	1.0	5.0	uq/l	86		54-123		
Dibromochloromethane	N.D.	1.0	5.0	uq/l	91		72-120		
Dibromomethane	N.D.	1.0	5.0	uq/l	92		80-120		
1,2-Dichlorobenzene	N.D.	1.0	5.0	ug/l	92		80-120		
1,3-Dichlorobenzene	N.D.	1.0	5.0	ug/l	90		80-120		
1,4-Dichlorobenzene	N.D.	1.0	5.0	uq/l	92		80-120		
Dichlorodifluoromethane	N.D.	2.0	5.0	ug/l	67		35-122		
1,1-Dichloroethane	N.D.	1.0	5.0	uq/l	97		79-120		
1,2-Dichloroethane	N.D.	1.0	5.0	uq/l	87		64-130		
1,1-Dichloroethene	N.D.	0.80	5.0	uq/l	90		76-124		
cis-1,2-Dichloroethene	N.D.	0.80	5.0	ug/l	99		80-120		
trans-1,2-Dichloroethene	N.D.	0.80	5.0	ug/l	91		80-120		
1,2-Dichloropropane	N.D.	1.0	5.0	ug/l	96		80-120		
cis-1,3-Dichloropropene	N.D.	1.0	5.0	ug/l	94		78-120		
trans-1,3-Dichloropropene	N.D.	1.0	5.0	ug/l	79		66-124		
Methylene Chloride	N.D.	2.0	5.0	ug/l	87		84-118		
1,1,1,2-Tetrachloroethane	N.D.	1.0	5.0	ug/l	92		79-120		
1,1,2,2-Tetrachloroethane	N.D.	1.0	5.0	ug/l	95		70-129		
Tetrachloroethene	N.D.	0.80	5.0	ug/l	93		79-120		
1,1,1-Trichloroethane	N.D.	0.80	5.0	ug/l	79		66-126		
1,1,2-Trichloroethane	N.D.	0.80	5.0	ug/l	98		80-120		
Trichloroethene	N.D.	1.0	5.0	ug/l	95		80-120		
Trichlorofluoromethane	N.D.	2.0	5.0	ug/l	74		65-130		
1,2,3-Trichloropropane	N.D.	1.0	5.0	ug/l	87		76-120		
Vinyl Chloride	N.D.	1.0	5.0	ug/l	83		63-120		
Batch number: 131090002A	Sample numi	ber(s): 70	016198-701						
Ethane	N.D.	1.0	5.0	ug/l	106		80-120		
Ethene	N.D.	1.0	5.0	ug/l	107		80-120		
Methane	N.D.	3.0	5.0	ug/l	113		80-120		
Batch number: 131021848004	Sample num								
Iron	N.D.	0.0333	0.200	mg/l	98		90-112		

^{*-} Outside of specification

^{**-}This limit was used in the evaluation of the final result for the blank

⁽¹⁾ The result for one or both determinations was less than five times the LOQ.

⁽²⁾ The unspiked result was more than four times the spike added.

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Quality Control Summary

Client Name: Atlantic Richfield(Parsons-NY) Group Number: 1381737

Reported: 04/22/13 at 08:01 AM

<u>Analysis Name</u> Manganese	Blank <u>Result</u> N.D.	Blank <u>MDL**</u> 0.00083	Blank <u>LOO</u> 0.0050	Report <u>Units</u> mg/l	LCS %REC 103	LCSD <u>%REC</u>	LCS/LCSD Limits 90-110	RPD	RPD Max
Batch number: 13100655601A	Sample num	ber(s): 70	16198-701	6199,7016201	_				
Chloride	N.D.	0.20	0.40	mg/l	108		90-110		
Nitrate Nitrogen	N.D.	0.050	0.10	mg/l	105		90-110		
Nitrite Nitrogen	N.D.	0.080	0.10	mg/l	100		90-110		
Sulfate	N.D.	0.30	1.0	mg/l	102		90-110		
Batch number: 13106049501A	-			6199,7016201					
Dissolved Organic Carbon	N.D.	0.50	1.0	mg/l	99		86-114		
Batch number: 13100023502A Biochemical Oxygen Demand	Sample num	ber(s): 70	16198-701	6201	99		85-115		
Batch number: 13109400101A Chemical Oxygen Demand	Sample num	ber(s): 70	16198-701	6201	102		94-110		

Background (BKG) = the sample used in conjunction with the duplicate

Analysis Name	MS <u>%REC</u>	MSD %REC	MS/MSD <u>Limits</u>	RPD	RPD <u>MAX</u>	BKG <u>Conc</u>	DUP Conc	DUP <u>RPD</u>	Dup RPD Max
Batch number: Y131041AA	Sample	number(s)	: 7016198	-70162	00,7016	202-7016205	UNSPK:	7016198	
Benzyl Chloride	79	81	42-131	2	30				
Bromobenzene	95	95	82-115	1	30				
Bromodichloromethane	92	94	78-125	3	30				
Bromoform	75	76	48-118	1	30				
Bromomethane	84	87	47-129	4	30				
Carbon Tetrachloride	99	101	72-135	3	30				
Chlorobenzene	105	106	87-124	1	30				
Chloroethane	86	86	51-145	0	30				
2-Chloroethyl Vinyl Ether	86	90	10-151	4	30				
Chloroform	95	97	81-134	2	30				
Chloromethane	109	108	46-137	1	30				
Dibromochloromethane	95	96	74-116	1	30				
Dibromomethane	93	95	83-119	2	30				
1,2-Dichlorobenzene	96	97	84-119	1	30				
1,3-Dichlorobenzene	95	96	86-121	2	30				
1,4-Dichlorobenzene	96	98	85-121	2	30				
Dichlorodifluoromethane	86	84	52-129	2	30				
1,1-Dichloroethane	106	109	84-129	2	30				
1,2-Dichloroethane	91	93	68-131	2	30				
1,1-Dichloroethene	105	105	75-155	1	30				
cis-1,2-Dichloroethene	104	106	80-141	1	30				
trans-1,2-Dichloroethene	106	107	81-142	1	30				
1,2-Dichloropropane	101	105	83-124	3	30				
cis-1,3-Dichloropropene	99	103	70-116	4	30				
trans-1,3-Dichloropropene	82	85	74-119	3	30				
Methylene Chloride	95	97	78-133	2	30				
1,1,1,2-Tetrachloroethane	98	99	74-136	0	30				
1,1,2,2-Tetrachloroethane	96	97	72-128	1	30				

^{*-} Outside of specification

^{**-}This limit was used in the evaluation of the final result for the blank

⁽¹⁾ The result for one or both determinations was less than five times the LOQ.

⁽²⁾ The unspiked result was more than four times the spike added.

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Page 3 of 4

Quality Control Summary

Client Name: Atlantic Richfield(Parsons-NY) Group Number: 1381737

Reported: 04/22/13 at 08:01 AM

Sample Matrix Quality Control

Unspiked (UNSPK) = the sample used in conjunction with the matrix spike Background (BKG) = the sample used in conjunction with the duplicate

Analysis Name Tetrachloroethene 1,1,1-Trichloroethane 1,1,2-Trichloroethane Trichloroethene Trichlorofluoromethane 1,2,3-Trichloropropane Vinyl Chloride	MS <u>%REC</u> 106 87 101 106 89 90 89	MSD <u>%REC</u> 106 89 103 108 90 91 91	MS/MSD Limits 80-128 69-140 71-141 88-133 64-146 76-118 66-133	RPD 0 2 2 1 1 1	RPD MAX 30 30 30 30 30 30 30 30 30	BKG Conc	DUP Conc	DUP <u>RPD</u>	Dup RPD Max
Batch number: 131090002A Ethane Ethene Methane	Sample 71 79 77	number(s) 66 73 72	: 7016198 32-129 35-162 35-157	-701620 8 8 7	00 UNSP: 20 20 20 20	K: 7016198			
Batch number: 131021848004 Iron Manganese	Sample 103 102	number(s) 107 102	: 7016198 75-125 75-125	-701620 2 0	1 UNSP 20 20	K: 7016198 1.02 0.0509	BKG: 7016198 1.08 0.0509	6 (1) 0	20 20
Batch number: 13100655601A Chloride Nitrate Nitrogen Nitrite Nitrogen Sulfate	Sample 98 99 92 104	number(s)	: 7016198 90-110 90-110 90-110 90-110	-701619	99,7016	201 UNSPK: 70.7 N.D. N.D. 327	7016198 BKG: 67.3 N.D. N.D. 326	7016198 5 (1) 0 (1) 0 (1)	20 20 20 20
Batch number: 13106049501A Dissolved Organic Carbon	Sample 105	number(s)	: 7016198 54-135	-701619	99,7016	201 UNSPK: 1.9	7016198 BKG: 1.9	7016198 1 (1)	2
Batch number: 13100023502A Biochemical Oxygen Demand	Sample 94	number(s) 90	: 7016198 69-139	-701620 4	01 UNSP: 8	K: 7016198 N.D.	BKG: 7016198 N.D.	0 (1)	15
Batch number: 13109400101A Chemical Oxygen Demand	Sample 98	number(s) 99	: 7016198 90-110	-701620 1	1 UNSP	K: 7016198 N.D.	BKG: 7016198 N.D.	0 (1)	5

Surrogate Quality Control

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

Analysis Name: PPL + Xylene (total) by 8260 Batch number: Y131041AA

Bacch ha	Dibromofluoromethane	1,2-Dichloroethane-d4	Toluene-d8	4-Bromofluorobenzene	
7016198	99	102	102	94	
7016199	97	103	105	98	
7016200	96	103	104	98	
7016202	97	101	103	95	
7016203	98	100	102	94	
7016204	98	102	102	94	
7016205	98	101	102	94	
Blank	97	101	102	95	

- *- 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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Page 4 of 4

Quality Control Summary

Client Name: Atlantic Richfield(Parsons-NY) Group Number: 1381737

Reported: 04/22/13 at 08:01 AM

Surrogate Quality Control

LCS	96	99	103	98
MS	97	103	105	98
MSD	96	103	104	98

Limits: 80-116 77-113 80-113 78-113

Analysis Name: Volatile Headspace Hydrocarbon

Batch number: 131090002A

Propene

7016198 59 7016199 68 7016200 62 Blank 101 LCS 109 MS 68 MSD 62

Limits: 42-131

^{*-} Outside of specification

^{**-}This limit was used in the evaluation of the final result for the blank

⁽¹⁾ The result for one or both determinations was less than five times the LOQ.

⁽²⁾ The unspiked result was more than four times the spike added.

A	tlantic A-12495 Richfield ⁶⁻¹³ 81737 Ompany 5-701418-2 ABP affiliated company	Laborat BP/ARC Pro BP/ARC Fac	cory Mar ject Name: ility No:	nag E	em	ent So	Prog wbork	gra	m L	.aM	PC	Chai	n o	of Co Req I Lab V	ust Due [Vork	ody Date Orde	/ R (mm/	eco dd/yy mbei	rd /): ::	1	92				P ush TA	Page	<u>_</u>	of 3 No /
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ab Add	tress: 2425 New Halbert Pike	Lancaste	PA 17601				Code:		-,,-		7	141	32		•						actor P							
	Kaitline Plasterer			Lead	l Reg	ulatory	Agency				•							Addre	ss: 4	olal	Pivie	e Di	r. Si	orte 3	50.B	Hab,	NY,	14202
	one (717) 656-2300			1			ID No.:																		Mari			
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	none: (216) 271-8038						iners											EKene	Stoke	nese				F		Standard .		
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G - 1381737 Environmental Sample Administration **Receipt Documentation Log**

Client/	Project:	Atlantic	Richfield	Shippin	g Containe	er Sealed: YÉ	NO NO	
Date of	f Receipt: _	4/10/1	3	Custody	/ Seal Pres	sent *: ··· Yl	ES NO	
Time of Receipt: 0920				* Custody seal was intact unless otherwise noted in the discrepancy section				
Source	e Code:	50-	<u> </u>	Package	e:	Chille	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	ST 1396 Comments	
1	2783	8.1	TB	WI	Y	B.	6.8 7.7 7.2 10.2	
2					-			
3								
4								
5								
6								
Number of Trip Blanks received NOT listed on chain of custody:								
Paperwork Discrepancy/Unpacking Problems: Received 11 total containers for B-22. High Jemp (1 ice bag on top of samples) — ok to procood per chart								
Unpacker Signature/Emp#: Cash 3647 Date/Time: 4/10/13 1015								



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)
С	degrees Celsius	F	degrees Fahrenheit
meq	milliequivalents	lb.	pound(s)
g	gram(s)	kg	kilogram(s)
μg	microgram(s)	mg	milligram(s)
mL	milliliter(s)	L	liter(s)
m3	cubic meter(s)	μL	microliter(s)
		pg/L	picogram/liter

- < less than The number following the sign is the <u>limit of quantitation</u>, 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.

Inorganic Qualifiers

U.S. EPA CLP Data Qualifiers:

Organic Qualifiers

Α	TIC is a possible aldol-condensation product	В	Value is <crdl, but="" th="" ≥idl<=""></crdl,>
В	Analyte was also detected in the blank	E	Estimated due to interference
С	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	S	Method of standard additions (MSA) used
	the instrument		for calculation
N	Presumptive evidence of a compound (TICs only)	U	Compound was not detected
Р	Concentration difference between primary and	W	Post digestion spike out of control limits
	confirmation columns >25%	*	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 meet all requirements of NELAC unless otherwise noted under the individual analysis.

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

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

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

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APPENDIX C

WATER QUALITY DATABASE JANUARY 2001 THROUGH JUNE 2013

Well	lq.	B- 3M
AACII	ıu.	D- 2141

Date	Lab Sample Id	Method	Carbon tetrachloride (ug/L)	Chloroform (ug/L)	1,1- Dichloro- ethane (ug/L)	1,1- Dichloro ethene (ug/L)	Methylene chloride (ug/L)	Trans-1,2- dichloro- ethene (ug/L)	Cis-1,2- dichloro- ethylene (ug/L)	1,1,1- Trichloro- ethane (ug/L)	Trichloro- ethene (TCE) (ug/L)	Tetrachloro- ethylene (PCE) (ug/L)	Vinyl chloride (ug/L)	Total (ug/L)
07/13/2001	A1663812	8021	ND	ND	0.34 J	ND	ND	1.6	50	ND	4.1	ND	2	58.04
07/12/2002	A2713901	8021	ND	ND	2.4	ND	2.2 J	13	360	ND	36	1.8	18	433.4
07/08/2003	A3649103	8021	ND	ND	ND	ND	7.4	8.5	490	ND	14	ND	5	524.9
07/06/2004	A4636508	8021	ND	ND	2.6	4.4	ND	7.3	190	ND	29	ND	18	251.3
07/14/2005	A5740501	8260/5ML	ND	ND	ND	ND	ND	3.8	75	ND	6.7	ND	7.7	93.2
07/14/2006	6G14010-08	8260	ND	ND	ND	ND	ND	2	41	ND	3	ND	4	50
07/09/2007	7G10002-01	8260	ND	ND	ND	ND	ND	ND	33	ND	2	ND	11	46
07/23/2008	5423254	8260	ND	ND	1.1 J	1 J	ND	4.3 J	190	ND	19	ND	14	229.4
07/08/2009	5719621	8260	ND	ND	1.4 J	1.4 J	ND	4.5 J	240	ND	16	ND	56	319.3
07/12/2010	6030552	8260	ND	ND	ND	1 J	ND	4.5 J	170	ND	18	ND	24	217.5
07/12/2011	6342650	8260	ND	ND	2.6 J	1.4 J	ND	4.1 J	200	1.1 J	54	ND	25	288.2
07/16/2012	6722028	8260	ND	ND	1.6 J	ND	ND	3.1 J	200	ND	26	ND	21	251.7

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.

Well	ld.	B- 4M
AACII	ıu.	D- 1 141

Date	Lab Sample Id	Method	Carbon tetrachloride (ug/L)	Chloroform (ug/L)	1,1- Dichloro- ethane (ug/L)	1,1- Dichloro ethene (ug/L)	Methylene chloride (ug/L)	Trans-1,2- dichloro- ethene (ug/L)	Cis-1,2- dichloro- ethylene (ug/L)	1,1,1- Trichloro- ethane (ug/L)	Trichloro- ethene (TCE) (ug/L)	Tetrachloro- ethylene (PCE) (ug/L)	Vinyl chloride (ug/L)	Total (ug/L)
07/13/2001	A1663816	8021	ND	ND	ND	ND	0.58 J	1.6	61	ND	5.5	ND	1.5 J	70.18
07/12/2002	A2713906	8021	ND	ND	ND	ND	ND	1.5	47	ND	5	ND	5.6	59.1
07/08/2003	A3649109	8021	ND	ND	ND	ND	ND	2.3	67	ND	7.8	ND	6.4	83.5
07/06/2004	A4636506	8021	ND	ND	ND	ND	ND	1.9	38	ND	8.2	ND	10	58.1
07/14/2005	A5740502	8260/5ML	ND	ND	ND	ND	ND	1.8	36	ND	5.4	ND	12	55.2
07/14/2006	6G14010-07	8260	ND	ND	ND	ND	ND	2	28	ND	5	ND	20	55
07/09/2007	7G10002-02	8260	ND	ND	ND	ND	ND	1	24	ND	4	ND	22	51
07/23/2008	5423255	8260	ND	ND	ND	ND	ND	1.8 J	41	ND	5.1	ND	12	59.9
07/09/2009	5720682	8260	ND	ND	ND	ND	ND	ND	20	ND	1.8 J	ND	5.1	26.9
07/12/2010	6030548	8260	ND	ND	ND	ND	ND	1.1 J	35	ND	250	ND	1.8 J	287.9
04/12/2011	6256727	8260	ND	ND	1.6 J	0.95 J	ND	5.6	120	ND	29	ND	9.7	166.85
07/13/2011	6343981	8260	ND	ND	ND	ND	ND	2.2 J	59	ND	7.1	ND	11	79.3
07/17/2012	6723837	8260	ND	ND	ND	ND	ND	1.6 J	41	ND	4.9 J	ND	7.9	55.4

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To address the NYSDEC concerns regarding the presentation and plotting of nondetected values, the data for 2001 to 2004 has been reevaluated and interpreted as follows:

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2) Total VOCs have been recalculated and represented as the sum of the detected parameters shown on this table.

3) The method change to 8260 was approved by the NYSDEC and changed in January 2005.

WHEATFIELD, NEW YORK

Well Id: B- 5M

Date	Lab Sample Id	Method	Carbon tetrachloride (ug/L)	Chloroform (ug/L)	1,1- Dichloro- ethane (ug/L)	1,1- Dichloro ethene (ug/L)	Methylene chloride (ug/L)	Trans-1,2- dichloro- ethene (ug/L)	Cis-1,2- dichloro- ethylene (ug/L)	1,1,1- Trichloro- ethane (ug/L)	Trichloro- ethene (TCE) (ug/L)	Tetrachloro- ethylene (PCE) (ug/L)	Vinyl chloride (ug/L)	Total (ug/L)
07/13/2001	A1663817	8021	ND	ND	ND	ND	ND	0.47 J	18	ND	20	ND	ND	38.47
07/15/2002	A2723102	8021	ND	ND	ND	ND	ND	ND	3.8	ND	9.5	ND	ND	13.3
07/10/2003	A3654101	8021	ND	ND	ND	ND	ND	ND	4.5	ND	13	ND	ND	17.5
07/07/2004	A4636503	8021	ND	ND	ND	ND	ND	1.1	16	ND	72	ND	ND	89.1
07/12/2005	A5733201	8260/5ML	ND	ND	ND	ND	ND	ND	3.8	ND	12	ND	ND	15.8
07/18/2006	6G19003-09RE1	8260	ND	ND	ND	ND	6 B	ND	9	ND	36	ND	ND	51
07/09/2007	7G10002-03	8260	ND	ND	ND	ND	ND	ND	2	ND	6	ND	ND	8
07/23/2008	5423256	8260	ND	ND	ND	ND	ND	1.5 J	54	ND	290	ND	3 J	348.5
07/13/2009	5722293	8260	ND	ND	ND	ND	ND	1 J	20	ND	82	ND	ND	103
07/12/2010	6030549	8260	ND	ND	ND	ND	ND	1.3 J	33	ND	3.9 J	ND	17	55.2
07/25/2011	635555	8260	ND	ND	ND	ND	ND	1.1 J	22	ND	150	ND	1.3 J	174.4
07/16/2012	6722026	8260	ND	ND	ND	ND	ND	1.3 J	33	ND	260	ND	1.8 J	296.1

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WHEATFIELD, NEW YORK

Well Id: B- 6M

Date	Lab Sample Id	Method	Carbon tetrachloride (ug/L)	Chloroform (ug/L)	1,1- Dichloro- ethane (ug/L)	1,1- Dichloro ethene (ug/L)	Methylene chloride (ug/L)	Trans-1,2- dichloro- ethene (ug/L)	Cis-1,2- dichloro- ethylene (ug/L)	1,1,1- Trichloro- ethane (ug/L)	Trichloro- ethene (TCE) (ug/L)	Tetrachloro- ethylene (PCE) (ug/L)	Vinyl chloride (ug/L)	Total (ug/L)
01/16/2001	A1043907	8021	ND	ND	ND	ND	ND	ND	2.7	ND	16	ND	ND	18.7
04/16/2001	A1345808	624	ND	ND	ND	ND	ND	ND	1.8	ND	18	ND	ND	19.8
07/13/2001	A1663814	8021	ND	ND	ND	ND	ND	ND	1.1	ND	12	ND	ND	13.1
10/10/2001	A1994701	8021	ND	ND	ND	ND	ND	ND	1.7	ND	19	ND	ND	20.7
01/23/2002	A2076801	8021	ND	ND	ND	ND	ND	0.66 J	27	ND	51	ND	ND	78.66
04/12/2002	A2351803	8021	ND	ND	ND	ND	ND	ND	9.8	ND	100	ND	ND	109.8
07/12/2002	A2713909	8021	ND	ND	ND	ND	ND	ND	11	ND	69	ND	ND	80
10/08/2002	A2999301	8021	ND	ND	ND	ND	ND	ND	9.1	ND	52	ND	ND	61.1
01/21/2003	A3069002	8021	ND	ND	ND	ND	ND	ND	6.3	ND	47	ND	ND	53.3
04/09/2003	A3329501	8021	ND	ND	ND	ND	24	ND	8.1	ND	48	ND	ND	80.1
07/08/2003	A3649108	8021	ND	ND	ND	ND	ND	ND	9.4	ND	60	ND	ND	69.4
10/13/2003	A3991405	8021	ND	ND	ND	ND	ND	ND	34	ND	130	ND	ND	164
01/28/2004	A4077401	8021	ND	ND	ND	ND	2.9	ND	37	ND	260	ND	ND	299.9
04/20/2004	A4356802	8021	ND	ND	ND	ND	ND	ND	22	ND	240	ND	ND	262
07/07/2004	A4636502	8021	ND	ND	ND	ND	ND	ND	16	ND	130	ND	ND	146
10/21/2004	A4A48001	8021	ND	ND	ND	ND	ND	ND	18	ND	100 E	ND	ND	118
01/17/2005	A5044302	8260	ND	ND	ND	ND	ND	ND	10	ND	110	ND	ND	120
04/05/2005	A5317802	8260	ND	ND	ND	ND	0.93 J	ND	6.7	ND	91 E	0.55 J	ND	99.18
04/05/2005	A5317802DL	8260	ND	ND	ND	ND	ND	ND	6.3 D	ND	95 D	ND	ND	101.3
07/12/2005	A5733202	8260/5ML	ND	ND	ND	ND	ND	ND	6.2	ND	58	ND	ND	64.2
10/05/2005	A5B10602	8260	ND	ND	ND	ND	ND	0.64 J	22	ND	97	ND	1.1 J	120.74
01/24/2006	A6089111	8260	ND	ND	ND	ND	ND	ND	7.3	ND	61	ND	ND	68.3
04/12/2006	6D13005-03	8260	ND	ND	ND	ND	ND	ND	10	ND	99	ND	ND	109
07/18/2006	6G19003-14	8260	ND	ND	ND	ND	5 B	ND	18	ND	109	ND	ND	132
10/10/2006	6J11002-06	8260	ND	ND	ND	ND	ND	2	73	ND	414 D	ND	4	493
01/09/2007	7A10006-03	8260	ND	ND	ND	ND	3 B	ND	21	ND	205 D	ND	ND	229
04/04/2007	7D05011-01	8260	ND	ND	ND	ND	ND	ND	13	ND	150	ND	ND	163
07/11/2007	7G12003-07	8260	ND	ND	ND	ND	ND	ND	13	ND	137	ND	ND	150
10/10/2007	7J11002-02	8260	ND	ND	ND	ND	ND	1	45	ND	258 D	ND	3	307
01/08/2008	8A09005-06	8260	ND	ND	ND	ND	4	3	99	ND	500 D	ND	ND	606
04/07/2008	8D08002-06	8260	ND	ND	ND	ND	18 B	ND	33	ND	346	ND	ND	397
07/22/2008	5422164	8260	ND	ND	ND	ND	ND	1 J	26	ND	230	ND	ND	257
10/17/2008	5502671	8260	ND	ND	ND	ND	ND	ND	10	ND	95	ND	ND	105
01/15/2009	5578622	8260	ND	ND	ND	ND	ND	0.92 J	26	ND	210	ND	ND	236.92
04/16/2009	5649163	8260	ND	ND	ND	ND	ND	0.9 J	27	ND	270	ND	ND	297.9
07/09/2009	5720687	8260	ND	ND	ND	ND	ND	0.86 J	23	ND	230	ND	ND	253.86
10/06/2009	5799016	8260	ND	ND	ND	ND	ND	0.89 J	21	ND	190	ND	ND	211.89

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³⁾ The method change to 8260 was approved by the NYSDEC and changed in January 2005.

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Date	Lab Sample Id	Method	Carbon tetrachloride (ug/L)	Chloroform (ug/L)	1,1- Dichloro- ethane (ug/L)	1,1- Dichloro ethene (ug/L)	Methylene chloride (ug/L)	Trans-1,2- dichloro- ethene (ug/L)	Cis-1,2- dichloro- ethylene (ug/L)	1,1,1- Trichloro- ethane (ug/L)	Trichloro- ethene (TCE) (ug/L)	Tetrachloro- ethylene (PCE) (ug/L)	Vinyl chloride (ug/L)	Total (ug/L)
01/20/2010	5888924	8260	ND	ND	ND	ND	ND	0.93 J	36	ND	250	ND	ND	286.93
04/06/2010	5946900	8260	ND	ND	ND	ND	ND	ND	23	ND	280	ND	ND	303
07/20/2010	6038216	8260	ND	ND	ND	ND	ND	ND	16	ND	170	ND	ND	186
10/18/2010	6115536	8260	ND	ND	ND	ND	ND	ND	12	ND	130	ND	ND	142
01/24/2011	6190820	8260	ND	ND	ND	ND	ND	ND	20	ND	160	ND	ND	180
04/12/2011	6256726	8260	ND	ND	ND	ND	ND	ND	16	ND	190	ND	ND	206
07/21/2011	6353674	8260	ND	ND	ND	ND	ND	ND	16	ND	190	ND	ND	206
10/10/2011	6433664	8260	ND	ND	ND	ND	ND	ND	10	ND	110	ND	ND	120
01/17/2012	6524419	8260	ND	ND	ND	ND	ND	0.82 J	22	ND	280	ND	ND	302.82
04/03/2012	6605294	8260	ND	ND	ND	ND	ND	ND	19	ND	250	ND	ND	269
07/17/2012	6723840	8260	ND	ND	ND	ND	ND	ND	16	ND	200	ND	ND	216
10/03/2012	6812009	8260	ND	ND	ND	ND	ND	0.86 J	19	ND	240	ND	ND	259.86
01/23/2013	6932568	8260	ND	ND	ND	ND	ND	1.2 J	40	ND	350	ND	ND	391.2
04/08/2013	7015025	8260	ND	ND	ND	ND	ND	0.80 J	23	ND	220	ND	ND	243.8

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WHEATFIELD, NEW YORK

Well Id: B- 7M

Date	Lab Sample Id	Method	Carbon tetrachloride (ug/L)	Chloroform (ug/L)	1,1- Dichloro- ethane (ug/L)	1,1- Dichloro ethene (ug/L)	Methylene chloride (ug/L)	Trans-1,2- dichloro- ethene (ug/L)	Cis-1,2- dichloro- ethylene (ug/L)	1,1,1- Trichloro- ethane (ug/L)	Trichloro- ethene (TCE) (ug/L)	Tetrachloro- ethylene (PCE) (ug/L)	Vinyl chloride (ug/L)	Total (ug/L)
01/11/2001	A1035103	8021	ND	ND	ND	ND	ND	ND	1.8	ND	2.2	ND	ND	4
04/20/2001	A1366402	624	ND	ND	ND	ND	ND	ND	2.9	ND	3.2	ND	ND	6.1
07/12/2001	A1663801	8021	ND	ND	ND	ND	ND	ND	0.5 J	ND	1.8	ND	ND	2.3
10/10/2001	A1994702	8021	ND	ND	ND	ND	ND	ND	0.59 J	ND	1.9	ND	ND	2.49
01/21/2002	A2066003	8021	ND	ND	ND	ND	ND	ND	1.1	ND	4.6	ND	ND	5.7
04/11/2002	A2348301	8021	ND	ND	ND	ND	ND	ND	1.5	ND	11	ND	ND	12.5
07/11/2002	A2708314	8021	ND	ND	ND	ND	ND	ND	2.3	ND	7.7	ND	ND	10
10/08/2002	A2999307	8021	ND	ND	ND	ND	ND	ND	1.8	ND	7.2	ND	ND	9
01/16/2003	A3055803	8021	ND	3.1	ND	ND	ND	ND	0.92 J	ND	4	ND	ND	8.02
04/08/2003	A3329504	8021	ND	ND	ND	ND	ND	ND	2.3	ND	8.6	ND	ND	10.9
07/08/2003	A3649101	8021	ND	ND	ND	ND	ND	ND	0.85 J	ND	5.4	ND	ND	6.25
10/10/2003	A3983901	8021	ND	ND	ND	ND	ND	ND	28	ND	63	ND	ND	91
01/09/2004	A4026201	8021	ND	ND	ND	ND	ND	ND	6.7	ND	25	ND	ND	31.7
04/14/2004	A4331802	8021	ND	ND	ND	ND	ND	ND	4.4	ND	21	ND	ND	25.4
06/30/2004	A4619301	8021	ND	ND	ND	ND	ND	ND	3.7	ND	18	ND	ND	21.7
10/26/2004	A4A60202	8021	ND	ND	ND	ND	ND	ND	3.9	ND	12	ND	ND	15.9
01/18/2005	A5051004	8260	ND	ND	ND	ND	ND	ND	1.3	ND	8.6	ND	ND	9.9
04/04/2005	A5307701	8260	ND	ND	ND	ND	ND	ND	1.6	ND	12 B	ND	ND	13.6
07/12/2005	A5725601	8260/5ML	ND	ND	ND	ND	ND	ND	1.8	ND	8.2	ND	ND	10
07/17/2006	6G18004-02	8260	ND	ND	ND	ND	ND	ND	2	ND	8	ND	ND	10
07/10/2007	7G11015-01	8260	ND	ND	ND	ND	ND	ND	1	ND	7	ND	ND	8
07/23/2008	5423259	8260	ND	ND	ND	ND	ND	ND	2.2 J	ND	7.7	ND	ND	9.9
07/08/2009	5719613	8260	ND	ND	ND	ND	ND	ND	1.5 J	ND	4.9 J	ND	ND	6.4
07/12/2010	6030554	8260	ND	ND	ND	ND	ND	ND	1.4 J	ND	4.9 J	ND	ND	6.3
07/18/2011	6348760	8260	ND	ND	ND	ND	ND	ND	1.5 J	ND	4.6 J	ND	ND	6.1
07/16/2012	6722037	8260	ND	ND	ND	ND	ND	ND	1.1 J	ND	3.8 J	ND	ND	4.9

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WHEATFIELD, NEW YORK

Well Id: B- 8M

Date	Lab Sample Id	Method	Carbon tetrachloride (ug/L)	Chloroform (ug/L)	1,1- Dichloro- ethane (ug/L)	1,1- Dichloro ethene (ug/L)	Methylene chloride (ug/L)	Trans-1,2- dichloro- ethene (ug/L)	Cis-1,2- dichloro- ethylene (ug/L)	1,1,1- Trichloro- ethane (ug/L)	Trichloro- ethene (TCE) (ug/L)	Tetrachloro- ethylene (PCE) (ug/L)	Vinyl chloride (ug/L)	Total (ug/L)
01/12/2001	A1035104	8021	ND	ND	ND	ND	620	ND	1400	ND	7400	ND	ND	9420
04/24/2001	A1375204	8021	ND	ND	ND	ND	ND	ND	2400	ND	24000	ND	ND	26400
07/11/2001	A1648705	8021	ND	ND	ND	ND	500	ND	700	ND	11000	ND	ND	12200
10/17/2001	A1A23313	8021	ND	ND	ND	ND	980	ND	8500	ND	64000	ND	ND	73480
01/25/2002	A2081501	8021	ND	ND	ND	ND	170	ND	2400	ND	35000 D	ND	ND	37570
04/22/2002	A2391102	8021	ND	ND	ND	ND	540	ND	ND	ND	22000	ND	ND	22540
07/17/2002	A2732602	8021	ND	ND	ND	ND	1500	ND	4700	ND	73000	ND	ND	79200
10/15/2002	A2A23602	8021	ND	ND	ND	ND	ND	ND	7100	ND	41000	ND	ND	48100
01/24/2003	A3075209	8021	ND	ND	ND	ND	ND	ND	1900	ND	10000	ND	ND	11900
04/24/2003	A3389604	8021	ND	ND	ND	ND	530	ND	2100	ND	23000	ND	ND	25630
07/22/2003	A3699407	8021	ND	ND	ND	ND	ND	ND	9500	ND	170000	ND	ND	179500
10/22/2003	A3A28301	8021	ND	ND	ND	ND	ND	ND	5300	ND	85000	ND	ND	90300
01/22/2004	A4057101	8021	ND	ND	ND	ND	ND	330	330	ND	12000	ND	ND	12660
04/30/2004	A4402504	8021	ND	ND	ND	ND	ND	ND	ND	ND	24000	ND	ND	24000
07/19/2004	A4682701	8021	ND	ND	ND	ND	ND	ND	7800 E	ND	58000	ND	ND	65800
07/19/2004	A4682701	8260	ND	ND	ND	ND	3000	ND	3900	ND	71000	ND	ND	77900
10/15/2004	A4A20302	8021	ND	ND	ND	3.6	ND	6.5	980 D	ND	15000 D	4	17	16011.1
01/12/2005	A5036104	8260	ND	ND	ND	ND	ND	ND	920	ND	65000 E	ND	ND	65920
01/12/2005	A5036104DL	8260							860 D		51000 D			51860
04/19/2005	A5387403	8260	ND	ND	ND	ND	ND	ND	430	ND	18000	ND	ND	18430
07/15/2005	A5747101	8260/5ML	ND	ND	ND	ND	200	ND	3300	ND	34000 E	ND	320	37820
07/15/2005	A5747101DL	8260/5ML	ND	ND	ND	ND	870 D	ND	2700 D	ND	29000 D	ND	250 D	32820
10/24/2005	A5B97301	8260	ND	ND	0.93 J	12	ND	13	1400 E	0.61 J	12000 E	5.4	42	13473.94
10/24/2005	A5B97301DL	8260	ND	ND	ND	ND	ND	ND	880 D	ND	56000 BD	ND	ND	56880
01/26/2006	A6102405	8260	ND	ND	ND	ND	ND	ND	1000	ND	36000	ND	ND	37000
04/19/2006	6D20002-03RE1	8260	ND	ND	ND	ND	ND	ND	1020	ND	23200 D	ND	78	24298
07/14/2006	6G14010-01	8260	ND	ND	ND	20	115	32	3450	ND	58900 D	ND	198	62715
10/09/2006	6J10002-08	8260	ND	ND	ND	ND	74	ND	975	ND	29100 D	ND	ND	30149
01/09/2007	7A10006-06	8260	ND	ND	ND	ND	235	ND	2580	ND	48700 D	ND	50	51565
04/12/2007	7D13007-04	8260	ND	ND	ND	ND	1160	ND	692	ND	17800	ND	ND	19652
07/16/2007	7G17015-05	8260	ND	ND	ND	ND	1260	ND	4130	ND	71500	ND	ND	76890
10/09/2007	7J10006-05	8260	ND	ND	ND	ND	ND	ND	6730	ND	120000 D	ND	ND	126730
01/07/2008	8A08003-02RE1	8260	ND	ND	ND	ND	500	ND	1280	ND	30500	ND	ND	32280
04/09/2008	8D10002-03	8260	ND	ND	ND	ND	732	ND	4110	ND	101000 D	ND	ND	105842
07/24/2008	5424623	8260	ND	ND	ND	ND	ND	ND	1400	ND	37000	ND	28 J	38428
10/16/2008	5501565	8260	ND	ND	ND	ND	ND	ND	4600	ND	32000	ND	200 J	36800
01/15/2009	5578621	8260	ND	ND	ND	ND	ND	ND	3100	ND	63000	ND	87 J	66187

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WHEATFIELD, NEW YORK

Well Id: B- 8M

Date	Lab Sample Id	Method	Carbon tetrachloride (ug/L)	Chloroform (ug/L)	1,1- Dichloro- ethane (ug/L)	1,1- Dichloro ethene (ug/L)	Methylene chloride (ug/L)	Trans-1,2- dichloro- ethene (ug/L)	Cis-1,2- dichloro- ethylene (ug/L)	1,1,1- Trichloro- ethane (ug/L)	Trichloro- ethene (TCE) (ug/L)	Tetrachloro- ethylene (PCE) (ug/L)	Vinyl chloride (ug/L)	Total (ug/L)
04/13/2009	5647717	8260	ND	ND	ND	ND	ND	ND	3100	ND	61000	ND	120 J	64220
07/07/2009	5718472	8260	ND	ND	ND	ND	ND	ND	1200	ND	25000	ND	30 J	26230
10/07/2009	5800390	8260	ND	ND	ND	12 J	ND	13 J	1900	ND	32000	ND	79	34004
01/20/2010	5888925	8260	ND	ND	ND	ND	ND	ND	4600	ND	80000	ND	210 J	84810
04/14/2010	5954138	8260	ND	ND	ND	ND	ND	ND	2700	ND	84000	ND	ND	86700
07/15/2010	6033918	8260	ND	ND	ND	ND	ND	ND	5600	ND	94000	ND	410 J	100010
10/14/2010	6113377	8260	ND	ND	ND	13 J	ND	17 J	3000	ND	60000	6.6 J	54	63090.6
01/24/2011	6190819	8260	ND	ND	ND	ND	ND	ND	4600	ND	70000	ND	160 J	74760
04/14/2011	6259039	8260	ND	ND	ND	ND	ND	ND	1400	ND	45000	ND	ND	46400
07/18/2011	6348766	8260	ND	ND	ND	ND	ND	ND	5400	ND	83000	ND	400 J	88800
10/12/2011	6435905	8260	ND	ND	ND	ND	ND	ND	5600	ND	78000	ND	270 J	83870
01/17/2012	6524424	8260	ND	ND	ND	9.7	ND	11	1300	ND	35000	4.5 J	52	36377.2
04/04/2012	6607032	8260	ND	ND	ND	ND	ND	ND	1900	ND	32000	ND	120	34020
07/16/2012	6722032	8260	ND	ND	ND	32	ND	36	5500	ND	56000	11	340	61919
10/04/2012	6814361	8260	ND	ND	ND	ND	ND	ND	5800	ND	84000	ND	100 J	89900
01/23/2013	6932575	8260	ND	ND	ND	ND	ND	ND	2000	ND	51000	ND	ND	53000
04/08/2013	7015031	8260	ND	ND	ND	ND	ND	ND	760	ND	20000	ND	ND	20760

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.

WHEATFIELD, NEW YORK

Well Id: B- 9M

07/17/2002	Date	Lab Sample Id	Method	Carbon tetrachloride (ug/L)	Chloroform (ug/L)	1,1- Dichloro- ethane (ug/L)	1,1- Dichloro ethene (ug/L)	Methylene chloride (ug/L)	Trans-1,2- dichloro- ethene (ug/L)	Cis-1,2- dichloro- ethylene (ug/L)	1,1,1- Trichloro- ethane (ug/L)	Trichloro- ethene (TCE) (ug/L)	Tetrachloro- ethylene (PCE) (ug/L)	Vinyl chloride (ug/L)	Total (ug/L)
06/29/2004	07/17/2002	A2732703	8021	ND	ND	ND	ND	ND	ND	7.4	ND	23	1.7	ND	32.1
07/07/2005	07/02/2003	A3639709	8021	ND	ND	ND	ND	ND	ND	1.4	ND	2.8	ND	ND	4.2
10/24/2005	06/29/2004	A4614511	8021	ND	ND	ND	ND	ND	ND	ND	ND	2	ND	ND	2
01/24/2006	07/07/2005	A5706807	8260	ND	ND	ND	ND	ND	ND	2.7	ND	5.4	1.4	ND	9.5
04/12/2006 6D13005-05 8260 ND ND ND ND ND ND ND ND ND ND ND ND ND	10/24/2005	A5B97302	8260	ND	ND	ND	ND	ND	ND	ND	ND	1.3 B	ND	ND	1.3
07/13/2006 6G14009-05 8260 ND ND ND ND ND ND ND N	01/24/2006	A6089109	8260	ND	ND	ND	ND	ND	ND	ND	ND	0.67 J	ND	ND	0.67
10/09/2006 6J10002-07 8260 ND ND ND ND ND ND ND ND ND ND ND ND ND	04/12/2006	6D13005-05	8260	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
01/05/2007 7A05012-03 8260 ND ND ND ND ND ND ND ND ND ND ND ND ND	07/13/2006	6G14009-05	8260	ND	ND	ND	ND	3	ND	2	ND	3	ND	ND	8
04/04/2007 7D05011-05 8260 ND ND ND ND ND ND ND N	10/09/2006	6J10002-07	8260	ND	ND	ND	ND	ND	ND	1	ND	4	ND	ND	5
07/10/2007 7G11015-03 8260 ND ND ND ND ND ND ND ND ND ND ND ND ND	01/05/2007	7A05012-03	8260	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
10/09/2007 7J10006-10 8260 ND ND ND ND ND ND ND N	04/04/2007	7D05011-05	8260	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
01/07/2008 8A08003-03 8260 ND ND ND ND ND ND ND ND ND ND ND ND ND	07/10/2007	7G11015-03	8260	ND	ND	ND	ND	ND	ND	ND	ND	1	ND	ND	1
04/07/2008 8D08002-07 8260 ND ND ND ND 2 B ND ND </td <td>10/09/2007</td> <td>7J10006-10</td> <td>8260</td> <td>ND</td> <td>ND</td> <td>ND</td> <td>ND</td> <td>ND</td> <td>ND</td> <td>2</td> <td>ND</td> <td>ND</td> <td>ND</td> <td>ND</td> <td>2</td>	10/09/2007	7J10006-10	8260	ND	ND	ND	ND	ND	ND	2	ND	ND	ND	ND	2
07/16/2008 5417444 8260 ND	01/07/2008	8A08003-03	8260	ND	ND	ND	ND	3	ND	ND	ND	ND	ND	ND	3
01/21/2009 5582424 8260 ND	04/07/2008	8D08002-07	8260	ND	ND	ND	ND	2 B	ND	ND	ND	ND	ND	ND	2
04/16/2009 5649164 8260 ND	07/16/2008	5417444	8260	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
07/07/2009 5718463 8260 ND	01/21/2009	5582424	8260	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
10/06/2009 5799006 8260 ND	04/16/2009	5649164	8260	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
01/20/2010 5888926 8260 ND	07/07/2009	5718463	8260	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
04/06/2010 5946904 8260 ND	10/06/2009	5799006	8260	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
07/12/2010 6030559 8260 ND ND ND ND ND ND ND 1.7 J ND 01/24/2011 6190818 8260 ND	01/20/2010	5888926	8260	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
01/24/2011 6190818 8260 ND	04/06/2010	5946904	8260	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
04/12/2011 6256716 8260 ND	07/12/2010	6030559	8260	ND	ND	ND	ND	ND	ND	0.85 J	ND	1.7 J	ND	ND	2.55
07/12/2011 6342647 8260 ND ND ND ND ND ND ND 1.1 J ND 10/10/2011 6433665 8260 ND ND ND ND ND ND ND 5.4 4.1 J 01/17/2012 6524423 8260 ND	01/24/2011	6190818	8260	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
10/10/2011 6433665 8260 ND ND ND ND ND ND 2.3 J ND 5.4 4.1 J 01/17/2012 6524423 8260 ND <	04/12/2011	6256716	8260	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
01/17/2012 6524423 8260 ND ND ND ND ND ND ND ND ND ND ND ND ND	07/12/2011	6342647	8260	ND	ND	ND	ND	ND	ND	ND	ND	1.1 J	ND	ND	1.1
04/03/2012 6605292 8260 ND	10/10/2011	6433665	8260	ND	ND	ND	ND	ND	ND	2.3 J	ND	5.4	4.1 J	ND	11.8
07/11/2012 6717362 8260 ND ND ND ND ND ND ND ND ND 1.1 J ND 10/04/2012 6814363 8260 ND ND ND ND ND ND ND ND ND ND ND ND ND	01/17/2012	6524423	8260	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
10/04/2012 6814363 8260 ND	04/03/2012		8260	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
01/17/2013 6926981 8260 ND ND ND ND ND ND ND ND ND ND ND			8260	ND	ND	ND	ND	ND	ND	ND	ND	1.1 J	ND	ND	1.1
	10/04/2012	6814363	8260	ND	ND	ND	ND	ND	ND	ND	ND	2.7 J	2.5 J	ND	5.2
04/08/2013 7015032 8260 ND ND ND ND ND ND ND ND ND ND	01/17/2013		8260	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	04/08/2013	7015032	8260	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND

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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.

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Date	Lab Sample Id	Method	Carbon tetrachloride (ug/L)	Chloroform (ug/L)	1,1- Dichloro- ethane (ug/L)	1,1- Dichloro ethene (ug/L)	Methylene chloride (ug/L)	Trans-1,2- dichloro- ethene (ug/L)	Cis-1,2- dichloro- ethylene (ug/L)	1,1,1- Trichloro- ethane (ug/L)	Trichloro- ethene (TCE) (ug/L)	Tetrachloro- ethylene (PCE) (ug/L)	Vinyl chloride (ug/L)	Total (ug/L)
07/10/2001	A1648708	8021	ND	ND	0.72 J	ND	1.1 J	0.64 J	21	4.3	43	ND	ND	70.76
07/16/2002	A2722907	8021	ND	ND	ND	ND	2.6	ND	14	4.3	56	ND	ND	76.9
04/25/2003	A3389601	8021	ND	ND	ND	ND	1.5 J	ND	10	3.6	52	ND	ND	67.1
07/18/2003	A3689004	8021	ND	ND	ND	ND	ND	ND	7.4	2.6	40	ND	ND	50
10/22/2003	A3A21906	8021	ND	ND	ND	ND	ND	ND	19	5.1	92	ND	ND	116.1
04/29/2004	A4402501	8021	ND	ND	ND	ND	ND	ND	10	3.8	59	ND	ND	72.8
07/16/2004	A4674302	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	8260	ND	ND	ND	ND	ND	ND	5	3	30	ND	ND	38
07/18/2006	6G19003-01	8260	ND	ND	ND	ND	4 B	ND	13	6	42	ND	ND	65
10/11/2006	6J12003-07RE1	8260	ND	ND	ND	ND	ND	ND	9	5	53	ND	ND	67
04/18/2007	7D19009-02	8260	ND	ND	ND	ND	ND	ND	4	3	27	ND	ND	34
07/10/2007	7G11015-04	8260	ND	ND	ND	ND	ND	ND	6	4	36	ND	ND	46
10/09/2007	7J10006-11	8260	ND	ND	ND	ND	ND	1	15	5	51	ND	ND	72
04/09/2008	8D10002-01	8260	ND	ND	ND	ND	3	ND	7	3	58	ND	ND	71
07/24/2008	5424625	8260	ND	ND	ND	ND	ND	0.81 J	8.4	4.2 J	43	ND	ND	56.41
10/20/2008	5504259	8260	ND	ND	ND	ND	ND	0.98 J	12	5.1	61	ND	ND	79.08
04/20/2009	5651166	8260	ND	ND	ND	ND	ND	ND	5	3 J	35	ND	ND	43
07/07/2009	5718465	8260	ND	ND	ND	ND	ND	ND	5.5	2.9 J	35	ND	ND	43.4
10/06/2009	5799010	8260	ND	ND	ND	ND	ND	ND	6.5	3.6 J	46	ND	ND	56.1
04/14/2010	5954139	8260	ND	ND	ND	ND	ND	ND	3.9 J	2.4 J	31	ND	ND	37.3
07/12/2010	6030558	8260	ND	ND	ND	ND	ND	ND	5.1	2.8 J	30	ND	ND	37.9
10/18/2010	6115530	8260	ND	ND	ND	ND	ND	1.3 J	16	4.8 J	66	ND	ND	88.1
04/21/2011	6266005	8260	ND	ND	ND	ND	ND	ND	3.3 J	1.6 J	27	ND	ND	31.9
07/20/2011	6352277	8260	ND	ND	ND	ND	ND	ND	4.1 J	2.5 J	32	ND	ND	38.6
10/10/2011	6433666	8260	ND	ND	ND	ND	ND	ND	8.3	3.3 J	46	ND	ND	57.6
04/05/2012	6608275	8260	ND	ND	ND	ND	ND	ND	2.4 J	1.3 J	32	ND	ND	35.7
07/11/2012	6717352	8260	ND	ND	ND	ND	ND	ND	5.4	3.2 J	32	ND	ND	40.6
10/04/2012	6814364	8260	ND	ND	ND	ND	ND	0.86 J	9.4	4.0 J	44	ND	ND	58.26
04/02/2013	7007576	8260	ND	ND	ND	ND	ND	ND	3.1 J	2.3 J	27	ND	ND	32.4

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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.

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Date	Lab Sample Id	Method	Carbon tetrachloride (ug/L)	Chloroform (ug/L)	1,1- Dichloro- ethane (ug/L)	1,1- Dichloro ethene (ug/L)	Methylene chloride (ug/L)	Trans-1,2- dichloro- ethene (ug/L)	Cis-1,2- dichloro- ethylene (ug/L)	1,1,1- Trichloro- ethane (ug/L)	Trichloro- ethene (TCE) (ug/L)	Tetrachloro- ethylene (PCE) (ug/L)	Vinyl chloride (ug/L)	Total (ug/L)
07/10/2001	A1648706	8021	ND	ND	ND	ND	12	ND	21	ND	270	ND	ND	303
07/16/2002	A2722909	8021	ND	ND	ND	ND	ND	ND	230	ND	1500	ND	ND	1730
07/10/2003	A3654302	8021	ND	ND	ND	ND	ND	ND	160	ND	990	ND	ND	1150
07/07/2004	A4636802	8021	ND	ND	ND	ND	ND	ND	200	ND	1600	35	ND	1835
07/14/2005	A5740602	8260/5ML	ND	ND	ND	1.4	ND	2.7	340 E	ND	710 E	87	1.3 J	1142.4
07/14/2005	A5740602DL	8260/5ML	ND	ND	ND	ND	ND	ND	310 D	ND	2000 D	57 D	ND	2367
07/14/2006	6G14010-04	8260	ND	ND	ND	ND	ND	ND	189	ND	1090	30	ND	1309
07/16/2007	7G17015-08	8260	ND	ND	ND	ND	ND	ND	155	ND	1150	67	ND	1372
07/24/2008	5424624	8260	ND	ND	ND	ND	ND	0.87 J	170	ND	700	21	ND	891.87
07/07/2009	5718478	8260	ND	ND	ND	ND	ND	1.8 J	76	ND	470	21	ND	568.8
07/12/2010	6030557	8260	ND	ND	ND	ND	ND	1.5 J	83	ND	500	26	ND	610.5
07/18/2011	6348762	8260	ND	ND	ND	ND	ND	2.1 J	60	ND	370	20	ND	452.1
07/10/2012	6716079	8260	ND	ND	ND	ND	ND	1.4 J	27	ND	270	15	ND	313.4

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.

	Date	Lab Sample Id	Method	Carbon tetrachloride (ug/L)	Chloroform (ug/L)	1,1- Dichloro- ethane (ug/L)	1,1- Dichloro ethene (ug/L)	Methylene chloride (ug/L)	Trans-1,2- dichloro- ethene (ug/L)	Cis-1,2- dichloro- ethylene (ug/L)	1,1,1- Trichloro- ethane (ug/L)	Trichloro- ethene (TCE) (ug/L)	Tetrachloro- ethylene (PCE) (ug/L)	Vinyl chloride (ug/L)	Total (ug/L)
07	7/18/2002	A2732704	8021	ND	ND	1	ND	ND	ND	30	1.4	74	ND	ND	106.4
07	7/02/2003	A3639710	8021	ND	ND	8.3	1.8	ND	3.8	87 D	26	82	ND	ND	208.9
06	6/29/2004	A4614512	8021	ND	ND	4	ND	ND	2.7	71	8.3	240	ND	ND	326
07	7/08/2005	A5715203	8260/5ML	ND	ND	0.56 J	ND	ND	ND	7.3	1.1	30	ND	ND	38.96
07	7/18/2006	6G19003-15	8260	ND	ND	9	3	5 B	4	164	8	581 D	ND	6	780
07	7/09/2007	7G10002-04RE1	8260	ND	ND	1	ND	ND	ND	20	2	77	ND	ND	100
07	7/16/2008	5417452	8260	ND	ND	69	13	ND	7.8 J	560	110	1600	ND	17	2376.8
07	7/13/2009	5722292	8260	ND	ND	37	4.3 J	ND	7.1 J	290	78	660	ND	ND	1076.4
07	7/12/2010	6030550	8260	ND	ND	34	8.5 J	ND	6.4 J	370	64	1700	ND	2.1 J	2185
07	7/13/2011	6343978	8260	ND	ND	8.9 J	2.7 J	ND	3.2 J	120	14	650	ND	ND	798.8
07	7/16/2012	6722027	8260	ND	ND	29	7.8	ND	8.6	280	35	1700	ND	ND	2060.4

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.

WHEATFIELD, NEW YORK

Well Id: B-13M

Date	Lab Sample Id	Method	Carbon tetrachloride (ug/L)	Chloroform (ug/L)	1,1- Dichloro- ethane (ug/L)	1,1- Dichloro ethene (ug/L)	Methylene chloride (ug/L)	Trans-1,2- dichloro- ethene (ug/L)	Cis-1,2- dichloro- ethylene (ug/L)	1,1,1- Trichloro- ethane (ug/L)	Trichloro- ethene (TCE) (ug/L)	Tetrachloro- ethylene (PCE) (ug/L)	Vinyl chloride (ug/L)	Total (ug/L)
04/19/2001	A1361310	624	ND	ND	ND	ND	ND	2.6	67	ND	12	ND	ND	81.6
07/12/2001	A1663807	8021	ND	7.6	ND	ND	5.5	14	720	ND	120	ND	ND	867.1
07/16/2002	A2722911	8021	ND	ND	ND	ND	14	18	1000	ND	140	ND	ND	1172
04/22/2003	A3376301	8021	ND	ND	ND	ND	22	14	1400	ND	1400	ND	82	2918
07/18/2003	A3689003	8021	ND	ND	10	ND	ND	12	1300	ND	470	ND	48	1840
10/22/2003	A3A21905	8021	ND	ND	12	ND	ND	10	1600	ND	310	ND	71	2003
04/27/2004	A4387501	8021	ND	ND	ND	ND	ND	16	1100	ND	89	ND	34	1239
07/13/2004	A4663801	8021	ND	42	16	19	30	27	950	ND	200	ND	40	1324
10/13/2004	A4A09403	8021	ND	ND	18	5.8	1.5 B	14	760 D	2.4	250 D	ND	21	1072.7
04/19/2005	A5387404	8260	ND	ND	21	6.9	ND	10	1100 E	2.6	450 E	ND	22	1612.5
04/19/2005	A5387404DL	8260	ND	ND	ND	ND	ND	ND	1100 D	ND	440 D	ND	ND	1540
07/21/2005	A5768401	8260/5ML	ND	ND	8.5	8.4	ND	24	1100 E	ND	300	ND	9	1449.9
07/21/2005	A5768401DL	8260/5ML	ND	ND	ND	ND	ND	12 D	640 D	ND	110 D	ND	38 D	800
10/20/2005	A5B92004	8260	ND	ND	6.7	ND	6.5 B	20	1000 E	ND	210	ND	13	1256.2
10/20/2005	A5B92004DL	8260	ND	ND	ND	ND	ND	12 D	640 D	ND	140 BD	ND	22 D	814
01/24/2006	A6089113	8260	ND	ND	2.8	ND	4.2	2.3	230	ND	81	ND	4.7	325
04/18/2006	6D19002-03	8260	ND	ND	3	1	ND	5	321 D	ND	137	ND	5	472
07/14/2006	6G14010-05	8260	ND	ND	7	5	9	20	838 D	ND	202	ND	59	1140
10/11/2006	6J12003-01	8260	ND	ND	3	2	ND	8	368 D	ND	73	ND	19	473
01/10/2007	7A11003-05	8260	ND	ND	2	ND	ND	2	225 D	ND	84	ND	7	320
04/12/2007	7D13007-01	8260	ND	ND	1	ND	ND	3	152	ND	63	ND	8	227
07/12/2007	7G13019-08	8260	ND	ND	3	2	ND	10	437 D	ND	127	ND	25	604
10/09/2007	7J10006-02	8260	ND	ND	ND	ND	ND	9	413	ND	122	ND	27	571
01/08/2008	8A09005-01	8260	ND	ND	ND	ND	ND	ND	241	ND	59	ND	ND	300
04/10/2008	8D11008-03	8260	ND	ND	7	ND	12	6	536	ND	456	ND	18	1035
07/24/2008	5424627	8260	ND	ND	4.4 J	4.2 J	ND	14	660	ND	210	ND	33	925.6
10/15/2008	5499970	8260	ND	ND	3.7 J	2.6 J	ND	12	470	ND	180	ND	6.1	674.4
01/14/2009	5577590	8260	ND	ND	4.9 J	2.1 J	ND	3.6 J	260	3.4 J	270	ND	3.4 J	547.4
04/14/2009	5646770	8260	ND	ND	5.2	3.1 J	ND	7	460	3.2 J	460	ND	17	955.5
07/09/2009	5720678	8260	ND	ND	4.7 J	3.7 J	ND	14	640	0.92 J	230	ND	39	932.32
10/05/2009	5797965	8260	ND	ND	4.5 J	3 J	ND	9.7	520	ND	180	ND	33	750.2
01/25/2010	5892345	8260	ND	ND	ND	ND	ND	ND	59	ND	71	ND	1.6 J	131.6
04/13/2010	5953086	8260	ND	ND	4.2 J	2.6 J	ND	5.8	360	2.3 J	340	ND	19	733.9
07/14/2010	6032692	8260	ND	ND	3.3 J	2 J	ND	8	430	ND	140	ND	24	607.3
10/14/2010	6113372	8260	ND	ND	6	4.7 J	ND	18	740	1.2 J	240	ND	13	1022.9
01/25/2011	6191897	8260	ND	ND	3.4 J	0.8 J	ND	2.7 J	200	ND	68	ND	4.5 J	279.4
04/18/2011	6261651	8260	ND	ND	22	4.7 J	ND	4.8 J	500	3 J	490	ND	15	1039.5

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.

Well Id:	B-13M
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 Date	Lab Sample Id	Method	Carbon tetrachloride (ug/L)	Chloroform (ug/L)	1,1- Dichloro- ethane (ug/L)	1,1- Dichloro ethene (ug/L)	Methylene chloride (ug/L)	Trans-1,2- dichloro- ethene (ug/L)	Cis-1,2- dichloro- ethylene (ug/L)	1,1,1- Trichloro- ethane (ug/L)	Trichloro- ethene (TCE) (ug/L)	Tetrachloro- ethylene (PCE) (ug/L)	Vinyl chloride (ug/L)	Total (ug/L)
07/12/2011	6342652	8260	ND	ND	12	3.9 J	ND	7.4	450	1.5 J	380	ND	16	870.8
10/11/2011	6434702	8260	ND	ND	8.8 J	5.2 J	ND	15	770	ND	350	ND	8.6 J	1157.6
01/25/2012	6532442	8260	ND	ND	47	10	ND	9.6	780	5.2	870	0.91 J	24	1746.71
04/10/2012	6612005	8260	ND	ND	2.0 J	1.6 J	ND	4.3 J	440	ND	6.0	ND	140	593.9
07/18/2012	6726437	8260	ND	ND	7.3	4.3 J	ND	14	630	0.96 J	260	ND	27	943.56
10/02/2012	6810732	8260	ND	ND	7.5	4.3 J	ND	16	770	ND	240	ND	9.9	1047.7
01/22/2013	6931415	8260	ND	ND	30	4.4 J	ND	4.8 J	420	5.5	420	ND	15	899.7
04/03/2013	7010220	8260	ND	ND	21	3.6 J	ND	4.6 J	370	4.0 J	380	ND	32	815.2

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.

Well Id:	B-14M

Date	Lab Sample Id	Method	Carbon tetrachloride (ug/L)	Chloroform (ug/L)	1,1- Dichloro- ethane (ug/L)	1,1- Dichloro ethene (ug/L)	Methylene chloride (ug/L)	Trans-1,2- dichloro- ethene (ug/L)	Cis-1,2- dichloro- ethylene (ug/L)	1,1,1- Trichloro- ethane (ug/L)	Trichloro- ethene (TCE) (ug/L)	Tetrachloro- ethylene (PCE) (ug/L)	Vinyl chloride (ug/L)	Total (ug/L)
07/17/2002	A2732701	8021	ND	ND	ND	ND	ND	ND	160	ND	730	ND	ND	890
07/02/2003	A3639711	8021	ND	ND	ND	ND	ND	0.83 J	39	ND	260 D	ND	ND	299.83
06/29/2004	A4614507	8021	ND	ND	ND	ND	12	ND	9.1	ND	120	ND	ND	141.1
06/29/2004	A4614507RE	8021	ND	ND	ND	ND	13	ND	10	ND	130	ND	ND	153
07/08/2005	A5715204	8260/5ML	ND	ND	ND	ND	ND	1.8	96	ND	560 E	9	ND	666.8
07/08/2005	A5715204DL	8260/5ML	ND	ND	ND	ND	ND	ND	81 D	ND	500 D	6.7 D	ND	587.7
07/13/2006	6G14009-04	8260	ND	ND	ND	ND	ND	ND	306	ND	1500 D	9	17	1832
07/10/2007	7G11015-02RE1	8260	ND	ND	ND	ND	ND	ND	67	ND	541	11	ND	619
07/21/2008	5420898	8260	ND	ND	ND	ND	ND	1.1 J	130	ND	300	3.9 J	ND	435
07/18/2011	6348761	8260	ND	ND	ND	ND	ND	1.1 J	64	ND	360	4.3 J	ND	429.4

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.

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Well	ıa:	B-15M

Date	Lab Sample Id	Method	Carbon tetrachloride (ug/L)	Chloroform (ug/L)	1,1- Dichloro- ethane (ug/L)	1,1- Dichloro ethene (ug/L)	Methylene chloride (ug/L)	Trans-1,2- dichloro- ethene (ug/L)	Cis-1,2- dichloro- ethylene (ug/L)	1,1,1- Trichloro- ethane (ug/L)	Trichloro- ethene (TCE) (ug/L)	Tetrachloro- ethylene (PCE) (ug/L)	Vinyl chloride (ug/L)	Total (ug/L)
07/12/2001	A1663802	8021	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
07/09/2002	A2695507	8021	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
08/05/2002	A2793603	8021	ND	ND	ND	ND	ND	ND	ND	ND	1.4	ND	ND	1.4
07/15/2003	A3670606	8021	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
07/15/2004	A4674101	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
07/20/2005	A5762203	8260/5ML	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
07/19/2006	6G20004-12	8260	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
07/17/2007	7G18027-08	8260	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
07/21/2008	5420897	8260	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
07/08/2009	5719628	8260	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
07/19/2010	6036144	8260	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
07/12/2011	6342642	8260	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
07/11/2012	6717356	8260	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND

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.

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Date	Lab Sample Id	Method	Carbon tetrachloride (ug/L)	Chloroform (ug/L)	1,1- Dichloro- ethane (ug/L)	1,1- Dichloro ethene (ug/L)	Methylene chloride (ug/L)	Trans-1,2- dichloro- ethene (ug/L)	Cis-1,2- dichloro- ethylene (ug/L)	1,1,1- Trichloro- ethane (ug/L)	Trichloro- ethene (TCE) (ug/L)	Tetrachloro- ethylene (PCE) (ug/L)	Vinyl chloride (ug/L)	Total (ug/L)
07/17/2002	A2732702	8021	ND	ND	ND	ND	ND	ND	ND	ND	2.3	ND	ND	2.3
07/02/2003	A3639712	8021	ND	ND	ND	ND	ND	ND	ND	ND	4.7	ND	ND	4.7
07/02/2003	A3639712RE	8021	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
06/29/2004	A4614510	8021	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
07/08/2005	A5715205	8260/5ML	ND	ND	ND	ND	ND	ND	ND	ND	0.77 J	ND	ND	0.77
07/13/2006	6G14009-03	8260	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
07/18/2007	7G19011-07	8260	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
07/17/2008	5418429	8260	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
07/08/2009	5719617	8260	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
07/12/2010	6030553	8260	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
07/25/2011	6355558	8260	ND	ND	ND	ND	ND	ND	1.1 J	ND	ND	ND	ND	1.1
07/10/2012	6716069	8260	ND	ND	ND	ND	ND	ND	1.2 J	ND	ND	ND	ND	1.2

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To address the NYSDEC concerns regarding the presentation and plotting of nondetected values, the data for 2001 to 2004 has been reevaluated and interpreted as follows:

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3) The method change to 8260 was approved by the NYSDEC and changed in January 2005.

WHEATFIELD, NEW YORK

Well Id: B-17M

Date	Lab Sample Id	Method	Carbon tetrachloride (ug/L)	Chloroform (ug/L)	1,1- Dichloro- ethane (ug/L)	1,1- Dichloro ethene (ug/L)	Methylene chloride (ug/L)	Trans-1,2- dichloro- ethene (ug/L)	Cis-1,2- dichloro- ethylene (ug/L)	1,1,1- Trichloro- ethane (ug/L)	Trichloro- ethene (TCE) (ug/L)	Tetrachloro- ethylene (PCE) (ug/L)	Vinyl chloride (ug/L)	Total (ug/L)
01/13/2001	A1041308	8021	ND	ND	ND	ND	ND	ND	3100	ND	8000	ND	ND	11100
04/20/2001	A1366401	624	ND	ND	100 E	9.7	ND	30	1500 D	9.4	5300 D	3.6	6.1	6958.8
07/11/2001	A1648713	8021	ND	ND	ND	ND	180	ND	3700	ND	8400	ND	ND	12280
10/16/2001	A1A17410	8021	ND	ND	ND	ND	1000	ND	2600	ND	29000	ND	ND	32600
01/25/2002	A2081503	8021	ND	140	ND	ND	140	ND	4500	ND	2800	ND	91	7671
04/22/2002	A2391101	8021	ND	ND	ND	ND	76	ND	12000	ND	4300	ND	2100	18476
07/17/2002	A2732601	8021	ND	ND	ND	ND	160	ND	8600	ND	5500	ND	1800	16060
10/15/2002	A2A23603	8021	ND	ND	ND	ND	1000	ND	49000	ND	17000	ND	4300	71300
01/24/2003	A3075207	8021	ND	ND	ND	ND	190	ND	12000	ND	7100	ND	2600	21890
04/23/2003	A3376304	8021	ND	ND	ND	ND	ND	ND	12000	ND	4400	ND	1400	17800
07/22/2003	A3699406	8021	ND	ND	ND	ND	ND	ND	13000	ND	3800	ND	1100	17900
10/22/2003	A3A28302	8021	ND	ND	ND	ND	170	ND	20000	ND	2500	ND	2600	25270
01/21/2004	A4053403	8021	ND	ND	ND	ND	ND	ND	7800	ND	5600	ND	620	14020
04/28/2004	A4387504	8021	ND	ND	ND	ND	ND	ND	8100	ND	5300	ND	700	14100
07/09/2004	A4647102	8021	ND	ND	120	220	ND	ND	14000	ND	3500	ND	1600	19440
10/08/2004	A4994203	8021	ND	ND	ND	ND	ND	ND	7700	ND	3300	ND	640	11640
01/18/2005	A5051102	8260	ND	ND	100	52	ND	ND	9600	ND	7800	ND	1300	18852
04/19/2005	A5387401	8260	ND	ND	ND	ND	ND	ND	13000 E	ND	6900	ND	1300	21200
04/19/2005	A5387401DL	8260	ND	ND	ND	ND	ND	ND	12000 D	ND	6700 D	ND	1200 D	19900
07/21/2005	A5768404	8260/5ML	ND	ND	110	ND	ND	130	15000	ND	8600	ND	1500	25340
10/21/2005	A5B92803	8260	ND	ND	69	43	ND	60	3300 E	120 E	2900 E	0.98 J	850 E	7342.98
10/21/2005	A5B92803DL	8260	ND	ND	ND	ND	ND	ND	9500 D	140 D	8900 D	ND	1000 D	19540
01/26/2006	A6102401	8260	ND	ND	67	ND	ND	ND	4300	ND	8400	ND	470	13237
04/19/2006	6D20002-04RE1	8260	ND	ND	48	39	ND	60	9570 D	ND	7730 D	ND	1210	18657
07/18/2006	6G19003-05	8260	ND	ND	72	40	212 B	61	8250 D	34	8170 D	ND	1320	18159
10/09/2006	6J10002-09	8260	ND	ND	66	28	129	36	6730 D	175	12000 D	ND	798	19962
01/09/2007	7A10006-08	8260	ND	ND	ND	ND	227	ND	5190	ND	12800 D	ND	372	18589
04/12/2007	7D13007-03	8260	ND	ND	ND	ND	ND	ND	3100	ND	3100	ND	475	6675
07/16/2007	7G17015-01	8260	ND	ND	ND	ND	ND	ND	8490	ND	2940	ND	1510	12940
10/09/2007	7J10006-08	8260	ND	ND	ND	ND	277	ND	12300	ND	3150	ND	2540	18267
01/07/2008	8A08003-10	8260	ND	ND	129	ND	350	ND	4910	ND	3070	ND	718	9177
04/09/2008	8D10002-02	8260	ND	ND	184	ND	468	ND	5820	70	2530	ND	1020	10092
07/25/2008	5426027	8260	ND	ND	71	44 J	ND	45 J	8000	11 J	3800	ND	1300	13271
10/14/2008	5498684	8260	ND	ND	100	50 J	ND	52	11000	10 J	3900	ND	1500	16612
01/14/2009	5577592	8260	ND	ND	180	39	ND	34	5900	49	2800	5.8 J	910	9917.8
04/15/2009	5647720	8260	ND	ND	210	49 J	ND	35 J	6600	75	3900	9.4 J	750	11628.4
07/07/2009	5718470	8260	ND	ND	120	50	ND	62	14000	20 J	3700	ND	2200	20152

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To address the NYSDEC concerns regarding the presentation and plotting of nondetected values, the data for 2001 to 2004 has been reevaluated and interpreted as follows:

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2) Total VOCs have been recalculated and represented as the sum of the detected parameters shown on this table.

3) The method change to 8260 was approved by the NYSDEC and changed in January 2005.

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Date	Lab Sample Id	Method	Carbon tetrachloride (ug/L)	Chloroform (ug/L)	1,1- Dichloro- ethane (ug/L)	1,1- Dichloro ethene (ug/L)	Methylene chloride (ug/L)	Trans-1,2- dichloro- ethene (ug/L)	Cis-1,2- dichloro- ethylene (ug/L)	1,1,1- Trichloro- ethane (ug/L)	Trichloro- ethene (TCE) (ug/L)	Tetrachloro- ethylene (PCE) (ug/L)	Vinyl chloride (ug/L)	Total (ug/L)
10/07/2009	5800387	8260	ND	ND	84	52	ND	44	7500	12	4900	2.3 J	960	13554.3
01/20/2010	5888921	8260	ND	ND	220	39 J	ND	32 J	6300	67	3000	ND	620	10278
04/12/2010	5951990	8260	ND	ND	260	65	ND	39 J	7400	93	7900	14 J	820	16591
07/14/2010	6032688	8260	ND	ND	110	46 J	ND	53	14000	14 J	4300	ND	1700	20223
10/14/2010	6113376	8260	ND	ND	35 J	26 J	ND	27 J	8600	ND	4500	ND	940	14128
01/25/2011	6191890	8260	ND	ND	90	35 J	ND	42 J	7400	15 J	6100	ND	720	14402
04/19/2011	6263087	8260	ND	ND	36	29	ND	54	14000	21 J	5300	ND	1400	20840
07/13/2011	6343974	8260	ND	ND	150	47 J	ND	47 J	11000	32 J	6600	ND	1200	19076
10/12/2011	6435901	8260	ND	ND	52	32 J	ND	36 J	8500	ND	6800	ND	890	16310
01/16/2012	6523837	8260	ND	ND	130	40 J	ND	35 J	7200	21 J	6100	ND	790	14316
04/09/2012	6610602	8260	ND	ND	45 J	35 J	ND	48 J	8900	ND	7800	ND	1200	18028
07/18/2012	6726431	8260	ND	ND	170	67	ND	69	15000	20 J	6300	ND	2200	23826
10/02/2012	6810730	8260	ND	ND	95	49 J	ND	46 J	12000	9.1 J	4600	ND	1600	18399.1
01/23/2013	6932578	8260	ND	ND	66	42 J	ND	40 J	8000	15 J	6500	ND	960	15623
04/04/2013	7011179	8260	ND	ND	54	36	ND	41	9900	7.9 J	7900	ND	1200	19138.9

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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.

Date	Lab Sample Id	Method	Carbon tetrachloride (ug/L)	Chloroform (ug/L)	1,1- Dichloro- ethane (ug/L)	1,1- Dichloro ethene (ug/L)	Methylene chloride (ug/L)	Trans-1,2- dichloro- ethene (ug/L)	Cis-1,2- dichloro- ethylene (ug/L)	1,1,1- Trichloro- ethane (ug/L)	Trichloro- ethene (TCE) (ug/L)	Tetrachloro- ethylene (PCE) (ug/L)	Vinyl chloride (ug/L)	Total (ug/L)
01/11/2001	A1035105	8021	ND	ND	2.2	ND	ND	1.2	12	1.6	ND	ND	13	30
04/19/2001	A1361313	624	ND	ND	0.38	ND	ND	ND	2.5	ND	0.24	ND	3.4	6.52
07/12/2001	A1663803	8021	ND	ND	1.9	ND	ND	0.51 J	12	0.47 J	0.56 J	ND	15	30.44
10/12/2001	A1A01001	8021	ND	ND	1	ND	ND	1	28	ND	0.71 J	ND	13	43.71
01/14/2002	A2039402	8021	ND	ND	0.73 J	ND	ND	2.4	61 D	ND	1.8	ND	17	82.93
04/08/2002	A2332602	8260	ND	ND	0.59 J	ND	ND	2.8	56	ND	1.7	ND	12	73.09
07/08/2002	A2695503	8021	ND	ND	ND	ND	ND	1.9	59	ND	ND	ND	22	82.9
10/02/2002	A2980603	8021	ND	ND	0.62 J	ND	ND	2.2	30	ND	0.82 J	ND	14	47.64
01/13/2003	A3038004	8021	ND	ND	0.62 J	ND	ND	1.4	18	ND	ND	ND	14	34.02
04/21/2003	A3370801	8021	ND	ND	0.44 J	ND	1.8 J	3.3	78	ND	4.9	ND	18	106.44
07/14/2003	A3670602	8021	ND	ND	ND	ND	ND	2.6	78	ND	ND	ND	12	92.6
10/15/2003	A3998705	8021	ND	ND	ND	ND	ND	ND	36	ND	ND	ND	19	55
01/07/2004	A4012302	8021	ND	ND	ND	ND	ND	5.7	120	ND	ND	ND	6.1	131.8
04/29/2004	A4402301	8021	ND	ND	ND	ND	ND	1.8	26	ND	ND	ND	16	43.8
07/14/2004	A4664201	8021	ND	ND	ND	ND	ND	2.4	13	ND	ND	ND	11	26.4
10/15/2004	A4A20701	8021	ND	ND	ND	ND	1.2	1.4	33	ND	ND	ND	9	44.6
01/12/2005	A5036402	8260	ND	ND	ND	ND	ND	2.9	45	ND	ND	ND	9	56.9
04/04/2005	A5307809	8260	ND	ND	ND	ND	ND	4.7	72	ND	ND	ND	11	87.7
07/15/2005	A5747001	8260	ND	ND	ND	ND	1.8 J	6.6	92 E	ND	ND	ND	32	132.4
07/15/2005	A5747001DL	8260	ND	ND	ND	ND	2.6 D	5.2 D	75 D	ND	ND	ND	26 D	108.8
07/14/2006	6G14010-03	8260	ND	ND	ND	ND	ND	2	23	ND	1	ND	9	35
07/05/2007	7G06018-01	8260	ND	ND	ND	ND	ND	1	27	ND	ND	ND	11	39
07/23/2008	5423260	8260	ND	ND	ND	ND	ND	1.1 J	26	ND	ND	ND	11	38.1
07/07/2009	5718468	8260	ND	ND	ND	ND	ND	ND	11	ND	ND	ND	5.5	16.5
07/15/2010	6033922	8260	ND	ND	ND	ND	ND	ND	6.5	ND	ND	ND	5.4	11.9
07/18/2011		8260	ND	ND	ND	ND	ND	ND	8.1	ND	ND	ND	4.6 J	12.7
07/16/2012	6722031	8260	ND	ND	ND	ND	ND	ND	7.0	ND	ND	ND	4.0 J	11

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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.

WHEATFIELD, NEW YORK

Well Id: B-19M

Date	Lab Sample Id	Method	Carbon tetrachloride (ug/L)	Chloroform (ug/L)	1,1- Dichloro- ethane (ug/L)	1,1- Dichloro ethene (ug/L)	Methylene chloride (ug/L)	Trans-1,2- dichloro- ethene (ug/L)	Cis-1,2- dichloro- ethylene (ug/L)	1,1,1- Trichloro- ethane (ug/L)	Trichloro- ethene (TCE) (ug/L)	Tetrachloro- ethylene (PCE) (ug/L)	Vinyl chloride (ug/L)	Total (ug/L)
01/12/2001	A1035110	8021	ND	ND	1.4	ND	ND	ND	6.4	1.5	0.32 J	ND	1.4 J	11.02
04/19/2001	A1361309	624	ND	ND	ND	ND	ND	ND	1.3	ND	ND	ND	ND	1.3
07/12/2001	A1663806	8021	ND	ND	0.32 J	ND	ND	ND	5.5	0.27 J	0.95 J	ND	0.56 J	7.6
10/12/2001	A1A01005	8021	ND	ND	ND	ND	ND	ND	2.4	ND	0.25 J	ND	0.24 J	2.89
01/14/2002	A2039401	8021	ND	ND	0.25 J	ND	ND	ND	3.4	0.25 J	0.98 J	ND	1 J	5.88
04/08/2002	A2332601	8260	ND	ND	0.37 J	ND	ND	ND	3.4	0.22 J	0.37 J	0.24 J	0.35 J	4.95
07/08/2002	A2695501	8021	ND	ND	ND	ND	ND	ND	4.6	ND	ND	ND	ND	4.6
10/02/2002	A2980601	8021	ND	ND	0.32 J	ND	ND	ND	4.2	0.36 J	1.1 J	ND	0.43 J	6.41
01/13/2003	A3038002	8021	ND	ND	ND	ND	ND	ND	2.9	ND	1.4	ND	0.37 J	4.67
04/22/2003	A3376401	8021	ND	ND	0.31 J	ND	ND	ND	4.6	0.33 J	ND	ND	0.92 J	6.16
07/14/2003	A3670601	8021	ND	ND	0.24 J	ND	ND	ND	4.9	0.21 J	0.28 J	ND	0.51 J	6.14
10/15/2003	A3998704	8021	ND	ND	ND	ND	ND	ND	3.4	ND	ND	ND	ND	3.4
01/07/2004	A4012301	8021	ND	ND	ND	ND	ND	ND	2.4	ND	ND	ND	ND	2.4
04/27/2004	A4387401	8021	ND	ND	ND	ND	ND	ND	7.2	ND	ND	ND	ND	7.2
07/13/2004	A4664209	8021	ND	ND	ND	ND	ND	ND	5.4	ND	ND	ND	ND	5.4
10/13/2004	A4A09501	8021	ND	ND	ND	ND	ND	ND	11	0.57 J	ND	ND	1	12.57
01/12/2005	A5036401	8260	ND	ND	ND	ND	ND	ND	3.7	ND	0.41 J	ND	0.98 J	5.09
04/04/2005	A5307808	8260	ND	ND	ND	ND	ND	ND	3.7	ND	0.32 BJ	ND	0.75 J	4.77
07/21/2005	A5768301	8260/5ML	ND	ND	ND	ND	ND	ND	6.3	ND	ND	ND	1 J	7.3
10/20/2005	A5B91902	8260	ND	ND	ND	ND	ND	ND	4	ND	0.51 J	ND	0.92 J	5.43
01/24/2006	A6089112	8260	ND	ND	ND	ND	ND	ND	4.2	ND	0.56 J	ND	1.3 J	6.06
04/18/2006	6D19002-04	8260	ND	ND	ND	ND	2	ND	3	ND	ND	ND	ND	5
07/14/2006	6G14010-06	8260	ND	ND	ND	ND	8	ND	3	ND	ND	ND	ND	11
10/11/2006	6J12003-08	8260	ND	ND	ND	ND	ND	ND	5	ND	1	ND	ND	6
01/08/2007	7A09003-05	8260	ND	ND	ND	ND	ND	ND	3	ND	ND	ND	ND	3
04/12/2007	7D13007-02	8260	ND	ND	ND	ND	8	ND	4	ND	ND	ND	ND	12
07/10/2007	7G11015-05	8260	ND	ND	ND	ND	ND	ND	3	ND	4	ND	ND	7
10/09/2007	7J10006-03	8260	ND	ND	ND	ND	ND	ND	2	ND	16	ND	ND	18
01/07/2008	8A08003-05	8260	ND	ND	ND	ND	2	ND	3	ND	ND	ND	ND	5
04/10/2008	8D11008-02	8260	ND	ND	ND	ND	ND	ND	4	ND	ND	ND	ND	4
07/16/2008	5417449	8260	ND	ND	ND	ND	ND	ND	2.5 J	ND	ND	ND	ND	2.5
10/15/2008	5499969	8260	ND	ND	ND	ND	ND	ND	3.8 J	ND	2.2 J	ND	ND	6
01/14/2009	5577589	8260	ND	ND	ND	ND	ND	ND	2.6 J	ND	ND	ND	ND	2.6
04/14/2009	5646769	8260	ND	ND	ND	ND	ND	ND	3.5 J	ND	ND	ND	1.3 J	4.8
07/09/2009	5720693	8260	ND	ND	ND	ND	ND	ND	2.8 J	ND	ND	ND	ND	2.8
10/05/2009	5797964	8260	ND	ND	ND	ND	ND	ND	2.7 J	ND	ND	ND	ND	2.7
01/25/2010	5892344	8260	ND	ND	ND	ND	ND	ND	2.1 J	ND	ND	ND	ND	2.1

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1) Nondetected concentrations have been represented as ND for reporting purposes.

2) Total VOCs have been recalculated and represented as the sum of the detected parameters shown on this table.

3) The method change to 8260 was approved by the NYSDEC and changed in January 2005.

Well Id:	B-19M

Date	Lab Sample Id	Method	Carbon tetrachloride (ug/L)	Chloroform (ug/L)	1,1- Dichloro- ethane (ug/L)	1,1- Dichloro ethene (ug/L)	Methylene chloride (ug/L)	Trans-1,2- dichloro- ethene (ug/L)	Cis-1,2- dichloro- ethylene (ug/L)	1,1,1- Trichloro- ethane (ug/L)	Trichloro- ethene (TCE) (ug/L)	Tetrachloro- ethylene (PCE) (ug/L)	Vinyl chloride (ug/L)	Total (ug/L)
04/13/2010	5953087	8260	ND	ND	ND	ND	ND	ND	2 J	ND	ND	ND	ND	2
07/14/2010	6032693	8260	ND	ND	ND	ND	ND	ND	2.8 J	ND	ND	ND	ND	2.8
10/14/2010	6113368	8260	ND	ND	ND	ND	ND	1.9 J	120	ND	25	ND	1.6 J	148.5
01/25/2011	6191896	8260	ND	ND	ND	ND	ND	ND	15	ND	1.9 J	ND	ND	16.9
04/18/2011	6261650	8260	ND	ND	ND	ND	ND	ND	2.4 J	ND	ND	ND	ND	2.4
07/12/2011	6342653	8260	ND	ND	ND	ND	ND	ND	2.8 J	ND	ND	ND	ND	2.8
10/11/2011	6434703	8260	ND	ND	ND	ND	ND	ND	3.7 J	ND	ND	ND	1.1 J	4.8
01/17/2012	6524429	8260	ND	ND	ND	ND	ND	ND	2.9 J	ND	ND	ND	ND	2.9
04/10/2012	6612009	8260	ND	ND	ND	ND	ND	ND	3.9 J	ND	1.1 J	ND	1.1 J	6.1
01/22/2013	6931416	8260	ND	ND	ND	ND	ND	ND	0.81 J	ND	ND	ND	ND	0.81
04/03/2013	7010221	8260	ND	ND	ND	ND	ND	ND	2.5 J	ND	1.4 J	ND	ND	3.9

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Well Id: B-20M

Date	Lab Sample Id	Method	Carbon tetrachloride (ug/L)	Chloroform (ug/L)	1,1- Dichloro- ethane (ug/L)	1,1- Dichloro ethene (ug/L)	Methylene chloride (ug/L)	Trans-1,2- dichloro- ethene (ug/L)	Cis-1,2- dichloro- ethylene (ug/L)	1,1,1- Trichloro- ethane (ug/L)	Trichloro- ethene (TCE) (ug/L)	Tetrachloro- ethylene (PCE) (ug/L)	Vinyl chloride (ug/L)	Total (ug/L)
01/16/2001	A1043906	8021	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
04/16/2001	A1345807	624	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
07/13/2001	A1663809	8021	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
10/10/2001	A1994703	8021	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
01/17/2002	A2058502	8021	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
04/09/2002	A2332612	8260	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
07/09/2002	A2695510	8021	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
10/03/2002	A2980611	8021	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
01/15/2003	A3043008	8021	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
04/14/2003	A3347502	8021	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
07/15/2003	A3670608	8021	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
10/16/2003	A3A08901	8021	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
04/20/2004	A4356904	8021	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
07/20/2004	A4682902	8021	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
10/21/2004	A4A47806	8021	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
01/17/2005	A5043904	8260	ND	ND	ND	ND	ND	ND	ND	ND	1.5	ND	ND	1.5
04/22/2005	A5402101	8260	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
07/22/2005	A5778401	8260/5ML	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
07/18/2006	6G19003-10RE1	8260	ND	ND	ND	ND	6 B	ND	ND	ND	ND	ND	ND	6
07/11/2007	7G12003-09	8260	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
07/22/2008	5422165	8260	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
07/09/2009	5720683	8260	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
07/20/2010	6038211	8260	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
07/21/2011	6353675	8260	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
07/17/2012	6723841	8260	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND

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WHEATFIELD, NEW YORK

Well Id: B-21M

Date	Lab Sample Id	Method	Carbon tetrachloride (ug/L)	Chloroform (ug/L)	1,1- Dichloro- ethane (ug/L)	1,1- Dichloro ethene (ug/L)	Methylene chloride (ug/L)	Trans-1,2- dichloro- ethene (ug/L)	Cis-1,2- dichloro- ethylene (ug/L)	1,1,1- Trichloro- ethane (ug/L)	Trichloro- ethene (TCE) (ug/L)	Tetrachloro- ethylene (PCE) (ug/L)	Vinyl chloride (ug/L)	Total (ug/L)
04/23/2001	A1375208	8021	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
10/17/2001	A1A23304	8021	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
01/17/2002	A2058505	8021	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
04/10/2002	A2347901	8260	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
07/09/2002	A2695511	8021	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
01/16/2003	A3056001	8021	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
04/15/2003	A3356602	8021	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
07/15/2003	A3670607	8021	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
10/15/2003	A3998706	8021	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
01/08/2004	A4026305	8021	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
04/30/2004	A4402302	8021	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
07/15/2004	A4674102	8260	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
07/15/2004	A4674102	8021	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
10/18/2004	A4A27801	8021	ND	ND	ND	ND	ND	ND	ND	ND	1.7	ND	ND	1.7
01/14/2005	A5038301	8260	ND	ND	ND	ND	ND	ND	ND	ND	2.5	ND	ND	2.5
04/22/2005	A5402104	8260	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
07/25/2005	A5790301	8260/5ML	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
10/21/2005	A5B92301	8260	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
01/24/2006	A6089101	8260	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
04/13/2006	6D14002-03	8260	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
07/17/2006	6G18004-03	8260	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
10/10/2006	6J11002-07	8260	ND	ND	ND	ND	ND	ND	ND	ND	1	ND	ND	1
01/11/2007	7A12004-01	8260	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
04/05/2007	7D06002-01	8260	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
07/18/2007	7G19011-03	8260	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
10/11/2007	7J12012-01	8260	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
01/09/2008	8A10002-02	8260	ND	ND	ND	ND	2	ND	ND	ND	ND	ND	ND	2
04/07/2008	8D08002-02	8260	ND	ND	ND	ND	10 B	ND	ND	ND	ND	ND	ND	10
07/21/2008	5420899	8260	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
10/15/2008	5499966	8260	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
01/13/2009	5576506	8260	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
04/20/2009	5651170	8260	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
07/13/2009	5722289	8260	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
10/06/2009	5799017	8260	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
01/26/2010	5893229	8260	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
04/07/2010	5948416	8260	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
07/15/2010	6033914	8260	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND

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1) Nondetected concentrations have been represented 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.

Well Id:	B-21M
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Date	Lab Sample Id	Method	Carbon tetrachloride (ug/L)	Chloroform (ug/L)	1,1- Dichloro- ethane (ug/L)	1,1- Dichloro ethene (ug/L)	Methylene chloride (ug/L)	Trans-1,2- dichloro- ethene (ug/L)	Cis-1,2- dichloro- ethylene (ug/L)	1,1,1- Trichloro- ethane (ug/L)	Trichloro- ethene (TCE) (ug/L)	Tetrachloro- ethylene (PCE) (ug/L)	Vinyl chloride (ug/L)	Total (ug/L)
10/19/2010	6116884	8260	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
01/27/2011	6194102	8260	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
04/13/2011	6258133	8260	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
07/25/2011	6355562	8260	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
10/10/2011	6433660	8260	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
01/18/2012	6526481	8260	ND	ND	ND	ND	ND	ND	ND	ND	1.1 J	ND	ND	1.1
04/03/2012	6605291	8260	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
07/19/2012	6728257	8260	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
10/03/2012	6812014	8260	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
01/17/2013	6926976	8260	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
04/09/2013	7016202	8260	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND

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WHEATFIELD, NEW YORK

Well Id: B-22M

Date	Lab Sample Id	Method	Carbon tetrachloride (ug/L)	Chloroform (ug/L)	1,1- Dichloro- ethane (ug/L)	1,1- Dichloro ethene (ug/L)	Methylene chloride (ug/L)	Trans-1,2- dichloro- ethene (ug/L)	Cis-1,2- dichloro- ethylene (ug/L)	1,1,1- Trichloro- ethane (ug/L)	Trichloro- ethene (TCE) (ug/L)	Tetrachloro- ethylene (PCE) (ug/L)	Vinyl chloride (ug/L)	Total (ug/L)
01/11/2001	A1035101	8021	ND	1.3	ND	ND	4.2	ND	110	ND	4.4	ND	9.6	129.5
04/23/2001	A1375207	8021	ND	ND	ND	ND	ND	ND	510	ND	50	ND	ND	560
07/18/2001	A1682908	8021	ND	ND	ND	ND	2.5	1	130	ND	13	ND	7	153.5
10/17/2001	A1A23305	8021	ND	ND	ND	ND	ND	1.5	230	ND	13	ND	36	280.5
01/23/2002	A2076701	8021	ND	ND	7.6	4.6	2.1 J	21	1400 D	ND	110 D	ND	9.6	1554.9
04/18/2002	A2378801	8021	ND	ND	ND	ND	0.8 J	ND	130	ND	9.2	ND	36	176
07/15/2002	A2722901	8021	ND	ND	ND	ND	2.2 J	1.4	91	ND	4.9	ND	8.1	107.6
10/15/2002	A2A23601	8021	ND	ND	ND	ND	ND	ND	79	ND	6.2	ND	13	98.2
01/22/2003	A3068901	8021	ND	ND	ND	ND	ND	0.94 J	80	ND	3.2	ND	12	96.14
04/24/2003	A3389602	8021	ND	ND	ND	ND	1.6 J	ND	130	ND	13	ND	30	174.6
07/17/2003	A3683901	8021	ND	ND	ND	ND	ND	ND	140	ND	5	ND	13	158
10/21/2003	A3A21902	8021	ND	ND	ND	ND	ND	ND	160	ND	5.7	ND	2.3	168
04/30/2004	A4402503	8021	ND	ND	ND	ND	ND	ND	99	ND	ND	ND	40	139
07/15/2004	A4674303	8260	ND	ND	ND	ND	4.3	ND	130	ND	23	ND	ND	157.3
07/15/2004	A4674303	8021	ND	ND	2.2	ND	ND	3.9 E	170 E	ND	24	ND	10 E	210.1
10/18/2004	A4A27701	8021	ND	ND	ND	ND	ND	ND	90	ND	13	ND	ND	103
01/20/2005	A5057501	8260	ND	ND	2.8	1.6	ND	16	300 E	0.34 J	110 E	ND	2.2	432.94
01/20/2005	A5057501DL	8260					33 D	9.4 D	340 D		56 D			438.4
04/26/2005	A5414404	8260	ND	ND	ND	ND	ND	7	250	ND	33	ND	ND	290
07/25/2005	A5790401	8260/5ML	ND	ND	ND	ND	ND	1.6	110	ND	14	ND	7.8	133.4
10/21/2005	A5B92801	8260	ND	ND	ND	ND	ND	0.61 J	36	ND	3.9	ND	1.2 J	41.71
01/24/2006	A6089102	8260	ND	ND	2.9	1.4	ND	15	480 E	ND	90	ND	3.1	592.4
01/24/2006	A6089102DL	8260	ND	ND	ND	ND	ND	15 D	460 D	ND	93 D	ND	ND	568
04/19/2006	6D20002-01	8260	ND	ND	ND	ND	ND	1	61	ND	17	ND	14	93
07/17/2006	6G18004-05	8260	ND	ND	ND	ND	ND	ND	29	ND	5	ND	2	36
10/10/2006	6J11002-08	8260	ND	ND	ND	ND	ND	1	66	ND	10	ND	4	81
01/11/2007	7A12004-02	8260	ND	ND	3	ND	ND	14	370 D	ND	89	ND	ND	476
04/19/2007	7D20005-01	8260	ND	ND	ND	ND	ND	5	136	ND	35	ND	5	181
07/18/2007	7G19011-02	8260	ND	ND	ND	ND	ND	ND	26	ND	5	ND	ND	31
10/11/2007	7J12012-03	8260	ND	ND	ND	ND	ND	ND	24	ND	4	ND	ND	28
01/09/2008	8A10002-01	8260	ND	ND	ND	ND	ND	ND	17	ND	3	ND	3	23
04/08/2008	8D09003-07	8260	ND	ND	2	1	6	10	301 D	ND	95	ND	2	417
07/21/2008	5420900	8260	ND	ND	ND	ND	ND	ND	24	ND	4.9 J	ND	1.2 J	30.1
10/15/2008	5499967	8260	ND	ND	ND	ND	ND	ND	29	ND	4.1 J	ND	ND	33.1
01/13/2009	5576505	8260	ND	ND	3.1 J	2 J	ND	14	460	ND	120	ND	1 J	600.1
04/20/2009	5651167	8260	ND	ND	ND	ND	ND	3.8 J	150	ND	39	ND	9.9	202.7
07/13/2009	5722290	8260	ND	ND	ND	ND	ND	ND	27	ND	4.8 J	ND	1.6 J	33.4

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.

Well	ld.	B-22M

Date	Lab Sample Id	Method	Carbon tetrachloride (ug/L)	Chloroform (ug/L)	1,1- Dichloro- ethane (ug/L)	1,1- Dichloro ethene (ug/L)	Methylene chloride (ug/L)	Trans-1,2- dichloro- ethene (ug/L)	Cis-1,2- dichloro- ethylene (ug/L)	1,1,1- Trichloro- ethane (ug/L)	Trichloro- ethene (TCE) (ug/L)	Tetrachloro- ethylene (PCE) (ug/L)	Vinyl chloride (ug/L)	Total (ug/L)
10/06/2009	5799012	8260	ND	ND	ND	ND	ND	1.5 J	70	ND	15	ND	1.1 J	87.6
01/26/2010	5893228	8260	ND	ND	ND	ND	ND	4.8 J	120	ND	44	ND	ND	168.8
04/19/2010	5957668	8260	ND	ND	ND	ND	ND	3.8 J	110	ND	30	ND	ND	143.8
07/15/2010	6033915	8260	ND	ND	ND	ND	ND	ND	38	ND	7.2	ND	ND	45.2
10/19/2010	6116887	8260	ND	ND	ND	ND	ND	ND	27	ND	6.7	ND	1.9 J	35.6
01/27/2011	6194103	8260	ND	ND	ND	ND	ND	1.3 J	64	ND	15	ND	1.3 J	81.6
04/14/2011	6259038	8260	ND	ND	2.5 J	1 J	ND	7.7	280	ND	97	ND	ND	388.2
07/25/2011	6355561	8260	ND	ND	ND	ND	ND	2.3 J	93	ND	26	ND	1.3 J	122.6
10/10/2011	6433661	8260	ND	ND	ND	ND	ND	0.89 J	43	ND	8.5	ND	1.9 J	54.29
01/18/2012	6526482	8260	ND	ND	1.2 J	ND	ND	4.8 J	120	ND	63	ND	ND	189
04/10/2012	6612011	8260	ND	ND	ND	ND	ND	4.0 J	120	ND	20	ND	ND	144
07/19/2012	6728258	8260	ND	ND	ND	ND	ND	ND	42	ND	9.8	ND	ND	51.8
10/03/2012	6812017	8260	ND	ND	ND	ND	ND	ND	36	ND	7.3	ND	ND	43.3
01/17/2013	6926979	8260	ND	ND	ND	ND	ND	3.4 J	87	ND	35	ND	ND	125.4
04/09/2013	7016198	8260	ND	ND	ND	ND	ND	ND	40	ND	9.1	ND	8.8	57.9

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.

Well	ld:	B-23M

Date	Lab Sample Id	Method	Carbon tetrachloride (ug/L)	Chloroform (ug/L)	1,1- Dichloro- ethane (ug/L)	1,1- Dichloro ethene (ug/L)	Methylene chloride (ug/L)	Trans-1,2- dichloro- ethene (ug/L)	Cis-1,2- dichloro- ethylene (ug/L)	1,1,1- Trichloro- ethane (ug/L)	Trichloro- ethene (TCE) (ug/L)	Tetrachloro- ethylene (PCE) (ug/L)	Vinyl chloride (ug/L)	Total (ug/L)
01/16/2001	A1043902	8021	ND	3.6	ND	ND	1.9 J	6.4	210	ND	13	ND	15	249.9
04/16/2001	A1345805	624	ND	ND	ND	ND	ND	7	150 D	ND	52	ND	ND	209
07/16/2001	A1674115	8021	ND	4.9	ND	ND	2.8	5.5	230	ND	23	ND	8.5	274.7
10/18/2001	A1A23310	8021	ND	ND	ND	ND	3.5	ND	280	ND	11	ND	ND	294.5
01/23/2002	A2076703	8021	ND	7.4	ND	ND	4.2	5	310	ND	39	ND	6.8	372.4
04/18/2002	A2378802	8021	ND	ND	ND	ND	ND	ND	350	ND	ND	ND	22	372
07/15/2002	A2722903	8021	ND	ND	ND	ND	6	3.3	410	ND	4.3	ND	20	443.6
10/09/2002	A2A07510	8021	ND	ND	ND	ND	ND	ND	300	ND	18	ND	17	335
01/22/2003	A3068902	8021	ND	2.7	ND	ND	ND	4.8	140	ND	45	ND	ND	192.5
04/21/2003	A3370901	8021	ND	ND	ND	ND	12	2.1	320	ND	ND	ND	17	351.1
07/21/2003	A3699401	8021	ND	ND	ND	ND	ND	2	370	ND	2.7	ND	15	389.7
10/20/2003	A3A13901	8021	ND	ND	ND	ND	ND	ND	320	ND	3.8	ND	15	338.8
01/29/2004	A4077603	8021	ND	ND	ND	ND	ND	3	320	ND	74	ND	9.1	406.1
04/23/2004	A4373101	8021	ND	ND	ND	ND	ND	ND	400	ND	ND	ND	28	428
07/21/2004	A4687101	8260	ND	ND	ND	ND	10	ND	340	ND	9.9	ND	ND	359.9
10/20/2004	A4A32301	8021	ND	ND	ND	ND	ND	ND	230	ND	7.1	ND	12	249.1
01/13/2005	A5036108	8260	ND	ND	ND	ND	ND	ND	360	ND	53	ND	5.9	418.9
04/19/2005	A5387405	8260	ND	ND	ND	ND	ND	ND	380	ND	32	ND	21	433
07/18/2005	A5753801	8260/5ML	ND	ND	ND	ND	ND	ND	360	ND	ND	ND	32	392
10/20/2005	A5B92001	8260	ND	ND	1.7	1.2	ND	1.8	380 E	ND	3	ND	61	448.7
10/20/2005	A5B92001DL	8260	ND	ND	ND	ND	9.2 BD	ND	370 D	ND	ND	ND	50 D	429.2
01/23/2006	A6084701	8260	ND	ND	ND	ND	ND	3	300	ND	96	ND	9.3	408.3
04/21/2006	6D21017-01	8260	ND	ND	1	ND	ND	1	272 D	ND	9	ND	17	300
07/20/2006	6G21005-05	8260	ND	ND	ND	ND	25	ND	309	ND	ND	ND	39	373
10/10/2006	6J11002-02RE1	8260	ND	ND	1	ND	ND	2	243 D	ND	10	ND	28	284
01/08/2007	7A09003-01	8260	ND	ND	ND	ND	ND	ND	238	ND	182	ND	ND	420
04/18/2007	7D19009-01	8260	ND	ND	2	ND	ND	2	239 D	ND	41	ND	17	301
07/11/2007	7G12003-01	8260	ND	ND	ND	ND	ND	ND	178	ND	8	ND	24	210
10/10/2007	7J11002-03	8260	ND	ND	1	ND	ND	ND	272 D	ND	2	ND	34	309
01/08/2008	8A09005-04	8260	ND	ND	ND	ND	ND	4	171	ND	71	ND	11	257
04/09/2008	8D10002-04	8260	ND	ND	2	1	2	2	292 D	ND	21	ND	24	344
07/25/2008	5426028	8260	ND	ND	1.1 J	ND	ND	0.87 J	270	ND	1.8 J	ND	58	331.77
10/17/2008	5502673	8260	ND	ND	1.2 J	ND	ND	0.9 J	280	ND	1.5 J	ND	37	320.6
01/13/2009	5576509	8260	ND	ND	2.2 J	0.96 J	ND	2.3 J	270	ND	53	ND	17	345.46
04/13/2009	5647710	8260	ND	ND	1.4 J	ND	ND	1.6 J	260	ND	21	ND	11	295
07/14/2009	5723623	8260	ND	ND	1.2 J	ND	ND	0.93 J	290	ND	2.8 J	ND	33	327.93
10/05/2009	5797962	8260	ND	ND	1.1 J	ND	ND	0.93 J	260	ND	4.8 J	ND	29	295.83

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1) Nondetected concentrations have been represented 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.

Well	ld.	B-23M

Date	Lab Sample Id	Method	Carbon tetrachloride (ug/L)	Chloroform (ug/L)	1,1- Dichloro- ethane (ug/L)	1,1- Dichloro ethene (ug/L)	Methylene chloride (ug/L)	Trans-1,2- dichloro- ethene (ug/L)	Cis-1,2- dichloro- ethylene (ug/L)	1,1,1- Trichloro- ethane (ug/L)	Trichloro- ethene (TCE) (ug/L)	Tetrachloro- ethylene (PCE) (ug/L)	Vinyl chloride (ug/L)	Total (ug/L)
01/21/2010	5889953	8260	ND	ND	2.4 J	0.87 J	ND	2.5 J	240	1.8 J	110	ND	9.7	367.27
04/19/2010	5957669	8260	ND	ND	1.7 J	0.91 J	ND	1.3 J	280	ND	22	ND	28	333.91
07/13/2010	6031621	8260	ND	ND	1.3 J	ND	ND	0.95 J	270	ND	8.2	ND	40	320.45
10/18/2010	6115537	8260	ND	ND	ND	ND	ND	0.93 J	270	ND	1.2 J	ND	33	305.13
01/26/2011	6192948	8260	ND	ND	2.6 J	ND	ND	3.5 J	170	1.4 J	120	ND	1.7 J	299.2
04/21/2011	6266004	8260	ND	ND	1.1 J	0.83 J	ND	1 J	280	ND	ND	ND	17	299.93
07/21/2011	6353678	8260	ND	ND	1.1 J	ND	ND	0.86 J	260	ND	3.7 J	ND	28	293.66
10/13/2011	6437681	8260	ND	ND	1.1 J	ND	ND	1.0 J	240	ND	10	ND	27	279.1
01/17/2012	6524418	8260	ND	ND	1.7 J	ND	ND	1.4 J	210	ND	57	ND	8.6	278.7
04/11/2012	6613966	8260	ND	ND	ND	ND	ND	ND	250	ND	1.3 J	ND	23	274.3
07/12/2012	6719399	8260	ND	ND	1.1 J	ND	ND	0.91 J	240	ND	4.8 J	ND	25	271.81
10/03/2012	6812006	8260	ND	ND	ND	ND	ND	ND	230	ND	7.5	ND	27	264.5
01/23/2013	6932570	8260	ND	ND	2.8 J	ND	ND	2.0 J	190	2.0 J	130	ND	8.5	335.3
04/08/2013	7015024	8260	ND	ND	ND	ND	ND	ND	220	ND	3.7 J	ND	28	251.7

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.

WHEATFIELD, NEW YORK

Well Id: B-24M

Date	Lab Sample Id	Method	Carbon tetrachloride (ug/L)	Chloroform (ug/L)	1,1- Dichloro- ethane (ug/L)	1,1- Dichloro ethene (ug/L)	Methylene chloride (ug/L)	Trans-1,2- dichloro- ethene (ug/L)	Cis-1,2- dichloro- ethylene (ug/L)	1,1,1- Trichloro- ethane (ug/L)	Trichloro- ethene (TCE) (ug/L)	Tetrachloro- ethylene (PCE) (ug/L)	Vinyl chloride (ug/L)	Total (ug/L)
01/17/2001	A1052406	8021	ND	ND	ND	ND	ND	ND	ND	ND	0.3 J	ND	ND	0.3
04/16/2001	A1345804	624	ND	ND	ND	ND	ND	ND	ND	ND	1.9	ND	ND	1.9
07/16/2001	A1674112	8021	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
10/18/2001	A1A23309	8021	ND	ND	ND	ND	ND	ND	ND	ND	15	ND	ND	15
01/22/2002	A2066009	8021	ND	ND	ND	ND	ND	ND	1.1	ND	3.6	ND	ND	4.7
04/17/2002	A2378402	8021	ND	ND	ND	ND	ND	ND	1.8	ND	5.9	ND	ND	7.7
07/12/2002	A2713902	8021	ND	ND	ND	ND	ND	ND	1.5	ND	4.7	ND	ND	6.2
10/09/2002	A2A07702	8021	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
01/20/2003	A3060801	8021	ND	ND	ND	ND	ND	ND	0.27 J	ND	1.9	ND	ND	2.17
04/09/2003	A3329507	8021	ND	ND	ND	ND	ND	ND	1.2	ND	6.5	ND	ND	7.7
07/08/2003	A3649105	8021	ND	ND	ND	ND	ND	ND	1.1	ND	3.3	ND	ND	4.4
10/13/2003	A3991402	8021	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
04/20/2004	A4356801	8021	ND	ND	ND	ND	ND	ND	1.2	ND	3.7	ND	ND	4.9
07/13/2004	A4664001	8021	ND	ND	ND	ND	ND	ND	1.4	ND	4	ND	ND	5.4
10/20/2004	A4A32402	8021	ND	ND	ND	ND	ND	ND	1.3	ND	4	ND	ND	5.3
01/12/2005	A5036204	8260	ND	ND	ND	ND	ND	ND	0.79 J	ND	4.1	ND	ND	4.89
04/06/2005	A5317804	8260	ND	ND	ND	ND	ND	ND	0.63 J	ND	3.4	ND	ND	4.03
07/12/2005	A5733203	8260/5ML	ND	ND	ND	ND	ND	ND	0.97 J	ND	3.5	ND	ND	4.47
10/05/2005	A5B10601	8260	ND	ND	ND	ND	ND	ND	ND	ND	1.5	ND	ND	1.5
01/23/2006	A6084702	8260	ND	ND	ND	ND	ND	ND	1.6	ND	3.8	ND	ND	5.4
04/12/2006	6D13005-06	8260	ND	ND	ND	ND	ND	ND	1	ND	3	ND	ND	4
07/19/2006	6G20004-06	8260	ND	ND	ND	ND	ND	ND	ND	ND	3	ND	ND	3
10/10/2006	6J11002-03	8260	ND	ND	ND	ND	ND	ND	1	ND	2	ND	ND	3
01/08/2007	7A09003-02	8260	ND	ND	ND	ND	ND	ND	1	ND	3	ND	ND	4
04/04/2007	7D05011-02	8260	ND	ND	ND	ND	3	ND	1	ND	3	ND	ND	7
07/11/2007	7G12003-03	8260	ND	ND	ND	ND	ND	ND	ND	ND	3	ND	ND	3
10/10/2007	7J11002-05	8260	ND	ND	ND	ND	ND	ND	ND	ND	1	ND	ND	1
01/08/2008	8A09005-05	8260	ND	ND	ND	ND	ND	ND	6	ND	12	ND	ND	18
04/07/2008	8D08002-05	8260	ND	ND	ND	ND	ND	ND	1	ND	4	ND	ND	5
07/28/2008	5426821	8260	ND	ND	ND	ND	ND	ND	ND	ND	1.2 J	ND	ND	1.2
10/17/2008	5502674	8260	ND	ND	ND	ND	ND	ND	ND	ND	4.3 J	ND	ND	4.3
01/13/2009	5576514	8260	ND	ND	ND	ND	ND	ND	1.1 J	ND	4.2 J	ND	ND	5.3
04/13/2009	5647711	8260	ND	ND	ND	ND	ND	ND	0.99 J	ND	3.2 J	ND	ND	4.19
07/15/2009	5724678	8260	ND	ND	ND	ND	ND	ND	ND	ND	1.2 J	ND	ND	1.2
10/05/2009	5797963	8260	ND	ND	ND	ND	ND	ND	ND	ND	2.3 J	ND	ND	2.3
01/21/2010	5889950	8260	ND	ND	ND	ND	ND	ND	0.95 J	ND	2.6 J	ND	ND	3.55
04/06/2010	5946905	8260	ND	ND	ND	ND	ND	ND	ND	ND	2.7 J	ND	ND	2.7

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To address the NYSDEC concerns regarding the presentation and plotting of nondetected values, the data for 2001 to 2004 has been reevaluated and interpreted as follows:

1) Nondetected concentrations have been represented as ND for reporting purposes.

2) Total VOCs have been recalculated and represented as the sum of the detected parameters shown on this table.

3) The method change to 8260 was approved by the NYSDEC and changed in January 2005.

Date	Lab Sample Id	Method	Carbon tetrachloride (ug/L)	Chloroform (ug/L)	1,1- Dichloro- ethane (ug/L)	1,1- Dichloro ethene (ug/L)	Methylene chloride (ug/L)	Trans-1,2- dichloro- ethene (ug/L)	Cis-1,2- dichloro- ethylene (ug/L)	1,1,1- Trichloro- ethane (ug/L)	Trichloro- ethene (TCE) (ug/L)	Tetrachloro- ethylene (PCE) (ug/L)	Vinyl chloride (ug/L)	Total (ug/L)
07/20/2010	6038212	8260	ND	ND	ND	ND	ND	ND	ND	ND	3.1 J	ND	ND	3.1
10/18/2010	6115538	8260	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
01/26/2011	6192949	8260	ND	ND	ND	ND	ND	ND	2.3 J	ND	6	ND	ND	8.3
04/13/2011	6258126	8260	ND	ND	ND	ND	ND	ND	1 J	ND	2.9 J	ND	ND	3.9
07/19/2011	6350144	8260	ND	ND	ND	ND	ND	ND	1 J	ND	3.5 J	ND	ND	4.5
10/13/2011	6437682	8260	ND	ND	ND	ND	ND	ND	ND	ND	1.5 J	ND	ND	1.5
01/17/2012	6524417	8260	ND	ND	ND	ND	ND	ND	2.2 J	ND	4.7 J	ND	ND	6.9
04/03/2012	6605297	8260	ND	ND	ND	ND	ND	ND	1.3 J	ND	3.1 J	ND	ND	4.4
07/12/2012	6719396	8260	ND	ND	ND	ND	ND	ND	ND	ND	2.3 J	ND	ND	2.3
10/03/2012	6812008	8260	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
01/23/2013	6932572	8260	ND	ND	ND	ND	ND	ND	2.7 J	ND	7.1	ND	ND	9.8
04/08/2013	7015026	8260	ND	ND	ND	ND	ND	ND	2.1 J	ND	5.2	ND	ND	7.3

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.

Well Id: B-25M	Well	ld:	B-25M
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Date	Lab Sample Id	Method	Carbon tetrachloride (ug/L)	Chloroform (ug/L)	1,1- Dichloro- ethane (ug/L)	1,1- Dichloro ethene (ug/L)	Methylene chloride (ug/L)	Trans-1,2- dichloro- ethene (ug/L)	Cis-1,2- dichloro- ethylene (ug/L)	1,1,1- Trichloro- ethane (ug/L)	Trichloro- ethene (TCE) (ug/L)	Tetrachloro- ethylene (PCE) (ug/L)	Vinyl chloride (ug/L)	Total (ug/L)
07/16/2001	A1674109	8021	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
07/10/2002	A2708301	8021	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
07/02/2003	A3639714	8021	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
07/14/2004	A4664208	8021	ND	ND	ND	ND	ND	ND	1.4	ND	1.3	ND	ND	2.7
07/12/2005	A5733105	8260/5ML	ND	ND	ND	ND	ND	ND	0.68 J	ND	1.3	ND	ND	1.98

ND - Not detected, indicates parameter was analyzed for, but not detected at or above the reporting limit.

To address the NYSDEC concerns regarding the presentation and plotting of nondetected values, the data for 2001 to 2004 has been reevaluated and interpreted as follows:

1) Nondetected concentrations have been represented as ND for reporting purposes.

2) Total VOCs have been recalculated and represented as the sum of the detected parameters shown on this table.

3) The method change to 8260 was approved by the NYSDEC and changed in January 2005.

Date	Lab Sample Id	Method	Carbon tetrachloride (ug/L)	Chloroform (ug/L)	1,1- Dichloro- ethane (ug/L)	1,1- Dichloro ethene (ug/L)	Methylene chloride (ug/L)	Trans-1,2- dichloro- ethene (ug/L)	Cis-1,2- dichloro- ethylene (ug/L)	1,1,1- Trichloro- ethane (ug/L)	Trichloro- ethene (TCE) (ug/L)	Tetrachloro- ethylene (PCE) (ug/L)	Vinyl chloride (ug/L)	Total (ug/L)
07/16/2001	A1674101	8021	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
07/10/2002	A2708302	8021	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
07/02/2003	A3639715	8021	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
07/14/2004	A4664207	8021	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
07/08/2005	A5715202	8260/5ML	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
07/20/2006	6G21005-03	8260	ND	ND	ND	ND	4	ND	ND	ND	ND	ND	ND	4
07/18/2007	7G19011-05	8260	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
07/24/2008	5424621	8260	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
07/14/2009	5723631	8260	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
07/13/2010	6031619	8260	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
07/18/2011	6348769	8260	ND	ND	ND	ND	ND	ND	ND	ND	8.9	ND	ND	8.9
01/19/2012	6527708	8260	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
04/04/2012	6607021	8260	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
07/16/2012	6722034	8260	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND

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.

Well	ld:	B-27M

_	Date	Lab Sample Id	Method	Carbon tetrachloride (ug/L)	Chloroform (ug/L)	1,1- Dichloro- ethane (ug/L)	1,1- Dichloro ethene (ug/L)	Methylene chloride (ug/L)	Trans-1,2- dichloro- ethene (ug/L)	Cis-1,2- dichloro- ethylene (ug/L)	1,1,1- Trichloro- ethane (ug/L)	Trichloro- ethene (TCE) (ug/L)	Tetrachloro- ethylene (PCE) (ug/L)	Vinyl chloride (ug/L)	Total (ug/L)
	07/12/2001	A1663805	8021	ND	ND	ND	ND	5.8	8.5	400	ND	34	ND	ND	448.3
	07/16/2002	A2722910	8021	ND	ND	ND	ND	5.7	9.4	240	ND	18	ND	14	287.1
	07/10/2003	A3654301	8021	ND	ND	ND	ND	ND	6.8	230	ND	4.1	ND	9	249.9
	07/07/2004	A4636801	8021	ND	ND	ND	1	ND	4.4	80	ND	4.8	ND	4.1	94.3
	07/14/2005	A5740601	8260/5ML	ND	ND	ND	ND	ND	3.3	50	ND	5.3	ND	2.3	60.9

ND - Not detected, indicates parameter was analyzed for, but not detected at or above the reporting limit.

To address the NYSDEC concerns regarding the presentation and plotting of nondetected values, the data for 2001 to 2004 has been reevaluated and interpreted as follows:

1) Nondetected concentrations have been represented as ND for reporting purposes.

2) Total VOCs have been recalculated and represented as the sum of the detected parameters shown on this table.

3) The method change to 8260 was approved by the NYSDEC and changed in January 2005.

Well	ld.	B-28M

Date	Lab Sample Id	Method	Carbon tetrachloride (ug/L)	Chloroform (ug/L)	1,1- Dichloro- ethane (ug/L)	1,1- Dichloro ethene (ug/L)	Methylene chloride (ug/L)	Trans-1,2- dichloro- ethene (ug/L)	Cis-1,2- dichloro- ethylene (ug/L)	1,1,1- Trichloro- ethane (ug/L)	Trichloro- ethene (TCE) (ug/L)	Tetrachloro- ethylene (PCE) (ug/L)	Vinyl chloride (ug/L)	Total (ug/L)
01/11/2001	A1035102	8021	ND	ND	ND	ND	ND	ND	1.5	ND	ND	ND	ND	1.5
04/23/2001	A1375205	8021	ND	ND	ND	ND	ND	ND	0.66 J	ND	ND	ND	ND	0.66
07/18/2001	A1682909	8021	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
10/17/2001	A1A23303	8021	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
01/17/2002	A2058506	8021	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
04/10/2002	A2347902	8260	ND	ND	ND	ND	ND	ND	ND	ND	0.25 J	ND	ND	0.25
07/10/2002	A2708304	8021	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
10/03/2002	A2980610	8021	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
01/16/2003	A3056002	8021	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
04/08/2003	A3329701	8021	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
07/03/2003	A3639703	8021	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
10/08/2003	A3978809	8021	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
01/08/2004	A4026304	8021	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
04/13/2004	A4331505	8021	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
06/30/2004	A4619406	8021	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
10/26/2004	A4A60302	8021	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
01/14/2005	A5038302	8260	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
04/05/2005	A5317606	8260	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
07/11/2005	A5724501	8260/5ML	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
10/21/2005	A5B92302	8260	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
01/24/2006	A6089103	8260	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
04/13/2006	6D14002-02	8260	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
07/17/2006	6G18004-06RE1	8260	ND	ND	ND	ND	4 B	ND	ND	ND	ND	ND	ND	4
10/10/2006	6J11002-09	8260	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
01/11/2007	7A12004-03	8260	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
04/05/2007	7D06002-02	8260	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
07/18/2007	7G19011-04	8260	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
10/11/2007	7J12012-04	8260	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
01/09/2008	8A10002-03	8260	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
04/07/2008	8D08002-01	8260	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
07/21/2008	5420901	8260	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
10/15/2008	5499968	8260	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
01/13/2009	5576507	8260	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
04/20/2009	5651173	8260	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
07/13/2009	5722291	8260	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
10/06/2009	5799013	8260	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
01/26/2010	5893227	8260	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND

ND - Not detected, indicates parameter was analyzed for, but not detected at or above the reporting limit.

To address the NYSDEC concerns regarding the presentation and plotting of nondetected values, the data for 2001 to 2004 has been reevaluated and interpreted as follows:

1) Nondetected concentrations have been represented as ND for reporting purposes.

2) Total VOCs have been recalculated and represented as the sum of the detected parameters shown on this table.

3) The method change to 8260 was approved by the NYSDEC and changed in January 2005.

Date	Lab Sample Id	Method	Carbon tetrachloride (ug/L)	Chloroform (ug/L)	1,1- Dichloro- ethane (ug/L)	1,1- Dichloro ethene (ug/L)	Methylene chloride (ug/L)	Trans-1,2- dichloro- ethene (ug/L)	Cis-1,2- dichloro- ethylene (ug/L)	1,1,1- Trichloro- ethane (ug/L)	Trichloro- ethene (TCE) (ug/L)	Tetrachloro- ethylene (PCE) (ug/L)	Vinyl chloride (ug/L)	Total (ug/L)
04/07/2010	5948415	8260	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
07/15/2010	6033916	8260	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
10/19/2010	6116886	8260	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
01/27/2011	6194104	8260	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
04/13/2011	6258132	8260	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
07/25/2011	6355560	8260	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
10/10/2011	6433662	8260	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
01/25/2012	6532444	8260	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
04/03/2012	6605289	8260	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
07/19/2012	6728259	8260	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
10/03/2012	6812018	8260	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
01/17/2013	6926975	8260	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
04/09/2013	7016203	8260	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND

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.

Well Id:	B-29M
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	Woll Id.	D 20111		Carbon		1,1- Dichloro-	1,1- Dichloro	Methylene	Trans-1,2- dichloro-	Cis-1,2- dichloro-	1,1,1- Trichloro-	Trichloro- ethene	Tetrachloro- ethylene	Vinyl	
_	Date	Lab Sample Id	Method	tetrachloride (ug/L)	Chloroform (ug/L)	ethane (ug/L)	ethene (ug/L)	chloride (ug/L)	ethene (ug/L)	ethylene (ug/L)	ethane (ug/L)	(TCE) (ug/L)	(PCE) (ug/L)	chloride (ug/L)	Total (ug/L)
_	01/16/2001	A1043901	8021	ND	ND	ND	ND	ND	ND	16	ND	0.29 J	ND	1.8	18.09
	04/16/2001	A1345806	624	ND	ND	ND	ND	ND	ND	11	ND	ND	ND	ND	11
	07/16/2001	A1674114	8021	ND	ND	ND	ND	ND	ND	21	ND	1 J	ND	1.1 J	23.1
	10/18/2001	A1A23315	8021	ND	ND	ND	ND	ND	ND	26	ND	7.8	ND	1.8	35.6
	01/21/2002	A2066006	8021	ND	ND	ND	ND	ND	ND	26	ND	ND	ND	ND	26
	04/17/2002	A2378401	8021	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	07/11/2002	A2708316	8021	ND	ND	ND	ND	ND	ND	32	ND	0.88 J	ND	2.5	35.38
	10/09/2002	A2A07701	8021	ND	ND	ND	ND	ND	ND	34	ND	ND	ND	4.5	38.5
	01/16/2003	A3055802	8021	ND	ND	ND	ND	ND	ND	9	ND	0.23 J	ND	0.77 J	10
	04/21/2003	A3371001	8021	ND	ND	ND	ND	ND	ND	ND	ND	2.5	ND	ND	2.5
	07/16/2003	A3683701	8021	ND	ND	ND	ND	ND	ND	12	ND	ND	ND	0.68 J	12.68
	10/20/2003	A3A13701	8021	ND	ND	ND	ND	ND	ND	47	ND	1.5	ND	3.8	52.3
	01/29/2004	A4077402	8021	ND	ND	ND	0.2 J	ND	ND	26	ND	1.8	ND	2.1	30.1
	04/23/2004	A4373001	8021	ND	ND	ND	ND	ND	ND	1.2	ND	ND	ND	ND	1.2
	07/21/2004	A4687001	8260	ND	ND	ND	ND	ND	ND	15	ND	0.73 J	ND	ND	15.73
	10/20/2004	A4A32401	8021	ND	ND	ND	ND	ND	ND	24	ND	1.4	ND	2.4	27.8
	01/13/2005	A5036206	8260	ND	ND	ND	ND	ND	ND	22	ND	1.8	ND	2.1	25.9
	04/19/2005	A5387502	8260	ND	ND	ND	ND	ND	ND	12	ND	1.1 J	ND	1.4 J	14.5
	07/18/2005	A5753701	8260/5ML	ND	ND	ND	ND	ND	ND	36	ND	3.2	ND	3.1	42.3
	07/20/2006	6G21005-08	8260	ND	ND	ND	ND	3	ND	43	ND	8	ND	3	57
	07/11/2007	7G12003-02	8260	ND	ND	ND	ND	ND	ND	30	ND	6	ND	3	39
	07/25/2008	5426025	8260	ND	ND	ND	ND	ND	ND	19	ND	3 J	ND	1.8 J	23.8
	07/14/2009	5723624	8260	ND	ND	ND	ND	ND	ND	17	ND	1.7 J	ND	2.6 J	21.3
	07/13/2010	6031620	8260	ND	ND	ND	ND	ND	ND	6.6	ND	ND	ND	1 J	7.6
	07/21/2011	6353677	8260	ND	ND	ND	ND	ND	ND	5.8	ND	ND	ND	ND	5.8
	07/12/2012	6719400	8260	ND	ND	ND	ND	ND	ND	15	ND	1.9 J	ND	1.7 J	18.6

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.

Well	ld:	B-31M
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Date	Lab Sample Id	Method	Carbon tetrachloride (ug/L)	Chloroform (ug/L)	1,1- Dichloro- ethane (ug/L)	1,1- Dichloro ethene (ug/L)	Methylene chloride (ug/L)	Trans-1,2- dichloro- ethene (ug/L)	Cis-1,2- dichloro- ethylene (ug/L)	1,1,1- Trichloro- ethane (ug/L)	Trichloro- ethene (TCE) (ug/L)	Tetrachloro- ethylene (PCE) (ug/L)	Vinyl chloride (ug/L)	Total (ug/L)
 01/15/2001	A1041302	8021	ND	ND	ND	ND	ND	ND	4.6	ND	1 J	ND	ND	5.6
04/24/2001	A1375201	8021	ND	ND	ND	ND	ND	ND	5.5	ND	1.2	ND	ND	6.7
07/16/2001	A1674102	8021	ND	ND	ND	ND	ND	ND	7.1	ND	0.56 J	ND	0.57 J	8.23
10/10/2001	A1994706	8021	ND	ND	ND	ND	ND	ND	7.3	ND	ND	ND	0.48 J	7.78
01/17/2002	A2058501	8021	ND	ND	ND	ND	ND	0.2 J	13	ND	4	ND	ND	17.2
04/09/2002	A2332608	8260	ND	ND	ND	ND	ND	ND	4.8	ND	1.1 J	ND	ND	5.9
07/09/2002	A2695509	8021	ND	ND	ND	ND	ND	ND	7.3	ND	1.4	ND	ND	8.7
10/03/2002	A2980607	8021	ND	ND	ND	ND	ND	ND	10	ND	1.7	ND	0.29 J	11.99
01/14/2003	A3043004	8021	ND	0.78 J	ND	ND	ND	ND	6.5	ND	1.2	ND	ND	8.48
04/07/2003	A3320702	8021	ND	ND	ND	ND	ND	ND	10	ND	2.6	ND	ND	12.6
07/02/2003	A3639716	8021	ND	ND	ND	ND	ND	ND	7.7	ND	2.1	ND	ND	9.8
10/09/2003	A3978810	8021	ND	ND	ND	ND	ND	ND	13	ND	3.5	ND	ND	16.5
04/20/2004	A4356903	8021	ND	ND	ND	ND	ND	ND	2.9	ND	ND	ND	ND	2.9
07/14/2004	A4664203	8021	ND	ND	ND	ND	ND	ND	8.8	ND	3.8	ND	ND	12.6
10/25/2004	A4A54101	8021	ND	ND	ND	ND	ND	ND	13	ND	4.5	ND	ND	17.5
01/19/2005	A5050909	8260	ND	ND	ND	ND	ND	ND	5.3	ND	3.2	ND	ND	8.5
04/05/2005	A5317610	8260	ND	ND	ND	ND	ND	ND	2.4	ND	0.64 J	ND	ND	3.04
07/08/2005	A5715201	8260/5ML	ND	ND	ND	ND	ND	ND	6.6	ND	2.3	ND	ND	8.9
07/17/2006	6G18004-01	8260	ND	ND	ND	ND	ND	ND	2	ND	ND	ND	ND	2
07/18/2007	7G19011-06	8260	ND	ND	ND	ND	ND	ND	2	ND	ND	ND	ND	2
07/24/2008	5424622	8260	ND	ND	ND	ND	ND	ND	3.1 J	ND	1.1 J	ND	ND	4.2
07/14/2009	5723632	8260	ND	ND	ND	ND	ND	ND	8.5	ND	4 J	ND	ND	12.5
07/13/2010	6031618	8260	ND	ND	ND	ND	ND	ND	3 J	ND	ND	ND	ND	3
07/18/2011	6348770	8260	ND	ND	ND	ND	ND	ND	5.1	ND	ND	ND	ND	5.1
07/16/2012	6722033	8260	ND	ND	ND	ND	ND	ND	3.3 J	ND	ND	ND	ND	3.3

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.

WHEATFIELD, NEW YORK

Well Id: B-32M

Date	Lab Sample Id	Method	Carbon tetrachloride (ug/L)	Chloroform (ug/L)	1,1- Dichloro- ethane (ug/L)	1,1- Dichloro ethene (ug/L)	Methylene chloride (ug/L)	Trans-1,2- dichloro- ethene (ug/L)	Cis-1,2- dichloro- ethylene (ug/L)	1,1,1- Trichloro- ethane (ug/L)	Trichloro- ethene (TCE) (ug/L)	Tetrachloro- ethylene (PCE) (ug/L)	Vinyl chloride (ug/L)	Total (ug/L)
01/18/2001	A1052401	8021	ND	ND	0.29 J	0.23 J	ND	1.8	47	ND	0.67 J	ND	7.5	57.49
04/18/2001	A1361303	624	ND	ND	ND	ND	ND	0.48	10	ND	ND	ND	1.1	11.58
07/18/2001	A1682902	8021	ND	ND	ND	ND	ND	0.61 J	38	ND	ND	ND	9.3	47.91
10/19/2001	A1A28802	8021	ND	ND	ND	ND	ND	0.81 J	56	ND	0.6 J	ND	9.4	66.81
01/14/2002	A2039403	8021	ND	ND	ND	ND	0.54 J	0.56 J	28	ND	1.1 J	ND	3.9	34.1
04/08/2002	A2332603	8260	ND	ND	ND	ND	ND	0.71 J	57	ND	0.68 J	ND	4.8	63.19
04/16/2002	A2369801	8021	ND	ND	0.34 J	0.27 J	ND	ND	62 D	ND	1.6	ND	5.8	70.01
07/08/2002	A2695505	8021	ND	ND	ND	ND	ND	ND	32	ND	ND	ND	2.8	34.8
10/09/2002	A2A07901	8021	ND	ND	ND	ND	ND	0.93 J	56	ND	ND	ND	9.7	66.63
01/13/2003	A3038005	8021	ND	ND	ND	ND	ND	ND	42	ND	1.9	ND	5.2	49.1
04/24/2003	A3389501	8021	ND	ND	ND	ND	ND	ND	56	ND	ND	ND	4.9	60.9
07/16/2003	A3684101	8021	ND	ND	ND	ND	ND	0.74 J	42	ND	0.51 J	ND	2.8	46.05
10/21/2003	A3A22001	8021	ND	ND	ND	ND	ND	0.91 J	61	ND	ND	ND	8.6	70.51
01/07/2004	A4012304	8021	ND	ND	ND	ND	ND	ND	38	ND	ND	ND	3.4	41.4
04/23/2004	A4372904	8021	ND	ND	ND	ND	ND	ND	36	ND	1.3	ND	2.8	40.1
07/20/2004	A4682903	8260	ND	ND	ND	ND	2.2 J	0.76 J	31	ND	0.83 J	ND	ND	34.79
07/20/2004	A4682903	8021	ND	ND	ND	ND	ND	ND	39 E	ND	ND	ND	2.5 E	41.5
10/20/2004	A4A32101	8021	ND	31	ND	ND	ND	0.52 J	ND	ND	0.67 J	ND	4.3	36.49
01/13/2005	A5036405	8260	ND	ND	0.81 J	0.61 J	ND	1.3	71 E	ND	17	ND	3.4	94.12
01/13/2005	A5036405DL	8260							69 D		16 D		2.8 D	87.8
04/19/2005	A5387302	8260	ND	ND	0.45 J	0.48 J	ND	0.4 J	42 E	ND	7.3	ND	3.9	54.53
04/19/2005	A5387302DL	8260	ND	ND	ND	ND	1.9 DJ	ND	34 D	ND	5.8 D	ND	3 D	44.7
07/19/2005	A5762201	8260/5ML	ND	ND	ND	ND	ND	1.1	39	ND	ND	ND	10	50.1
07/20/2006	6G21005-07	8260	ND	ND	ND	ND	2	1	35	ND	ND	ND	7	45
07/10/2007	7G11015-08	8260	ND	ND	ND	ND	ND	ND	28	ND	ND	ND	5	33
07/25/2008	5426032	8260	ND	ND	ND	ND	ND	1.4 J	31	ND	ND	ND	6.8	39.2
07/14/2009	5723630	8260	ND	ND	ND	ND	ND	ND	21	ND	ND	ND	10	31
07/13/2010	6031615	8260	ND	ND	ND	ND	ND	0.82 J	26	ND	ND	ND	11	37.82
07/19/2011	6350148	8260	ND	ND	1 J	ND	ND	1.4 J	54	ND	15	ND	4.7 J	76.1
01/19/2012	6527709	8260	ND	ND	1.1 J	ND	ND	1.1 J	54	ND	28	ND	1.2 J	85.4
04/03/2012	6605293	8260	ND	ND	1.4 J	ND	ND	1.9 J	61	ND	34	ND	1.1 J	99.4
07/12/2012	6719401	8260	ND	ND	ND	ND	ND	1.0 J	23	ND	1.5 J	ND	9.8	35.3

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.

Well	ld:	B-33M
11011	ıu.	D-33111

Date	Lab Sample Id	Method	Carbon tetrachloride (ug/L)	Chloroform (ug/L)	1,1- Dichloro- ethane (ug/L)	1,1- Dichloro ethene (ug/L)	Methylene chloride (ug/L)	Trans-1,2- dichloro- ethene (ug/L)	Cis-1,2- dichloro- ethylene (ug/L)	1,1,1- Trichloro- ethane (ug/L)	Trichloro- ethene (TCE) (ug/L)	Tetrachloro- ethylene (PCE) (ug/L)	Vinyl chloride (ug/L)	Total (ug/L)
07/18/2001	A1682904	8021	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
07/10/2002	A2708305	8021	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
07/08/2003	A3649207	8021	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
07/14/2004	A4664204	8021	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
07/07/2005	A5706801	8260	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
07/20/2006	6G21005-06	8260	ND	ND	ND	ND	4	ND	ND	ND	ND	ND	ND	4
07/10/2007	7G11015-09	8260	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
07/25/2008	5426033	8260	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
07/14/2009	5723628	8260	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
07/13/2010	6031616	8260	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
07/19/2011	6350147	8260	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
07/12/2012	6719402	8260	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND

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.

WHEATFIELD, NEW YORK

Well Id:

B-34M

 Date	Lab Sample Id	Method	Carbon tetrachloride (ug/L)	Chloroform (ug/L)	1,1- Dichloro- ethane (ug/L)	1,1- Dichloro ethene (ug/L)	Methylene chloride (ug/L)	Trans-1,2- dichloro- ethene (ug/L)	Cis-1,2- dichloro- ethylene (ug/L)	1,1,1- Trichloro- ethane (ug/L)	Trichloro- ethene (TCE) (ug/L)	Tetrachloro- ethylene (PCE) (ug/L)	Vinyl chloride (ug/L)	Total (ug/L)
07/18/2001	A1682903	8021	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
07/10/2002	A2708306	8021	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND

ND - Not detected, indicates parameter was analyzed for, but not detected at or above the reporting limit.

To address the NYSDEC concerns regarding the presentation and plotting of nondetected values, the data for 2001 to 2004 has been reevaluated and interpreted as follows:

1) Nondetected concentrations have been represented as ND for reporting purposes.

2) Total VOCs have been recalculated and represented as the sum of the detected parameters shown on this table.

³⁾ The method change to 8260 was approved by the NYSDEC and changed in January 2005.

WHEATFIELD, NEW YORK

Well Id:

B-35M

 Date	Lab Sample Id	Method	Carbon tetrachloride (ug/L)	Chloroform (ug/L)	1,1- Dichloro- ethane (ug/L)	1,1- Dichloro ethene (ug/L)	Methylene chloride (ug/L)	Trans-1,2- dichloro- ethene (ug/L)	Cis-1,2- dichloro- ethylene (ug/L)	1,1,1- Trichloro- ethane (ug/L)	Trichloro- ethene (TCE) (ug/L)	Tetrachloro- ethylene (PCE) (ug/L)	Vinyl chloride (ug/L)	Total (ug/L)
07/18/2001	A1682906	8021	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
07/10/2002	A2708303	8021	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND

ND - Not detected, indicates parameter was analyzed for, but not detected at or above the reporting limit.

To address the NYSDEC concerns regarding the presentation and plotting of nondetected values, the data for 2001 to 2004 has been reevaluated and interpreted as follows:

1) Nondetected concentrations have been represented as ND for reporting purposes.

2) Total VOCs have been recalculated and represented as the sum of the detected parameters shown on this table.

³⁾ The method change to 8260 was approved by the NYSDEC and changed in January 2005.

Well Id:	B-37M
WEILIG.	D-3/ W

Date	Lab Sample Id	Method	Carbon tetrachloride (ug/L)	Chloroform (ug/L)	1,1- Dichloro- ethane (ug/L)	1,1- Dichloro ethene (ug/L)	Methylene chloride (ug/L)	Trans-1,2- dichloro- ethene (ug/L)	Cis-1,2- dichloro- ethylene (ug/L)	1,1,1- Trichloro- ethane (ug/L)	Trichloro- ethene (TCE) (ug/L)	Tetrachloro- ethylene (PCE) (ug/L)	Vinyl chloride (ug/L)	Total (ug/L)
07/03/2003	A3639717	8021	ND	ND	ND	2.2	ND	13	1500 D	1.8	64000 D	ND	ND	65517
06/29/2004	A4614513	8021	ND	ND	ND	ND	ND	ND	3400	ND	24000	ND	ND	27400
07/08/2005	A5715207	8260/5ML	ND	ND	ND	1.7	ND	19	880 E	ND	1300 E	ND	ND	2200.7
07/08/2005	A5715207DL	8260/5ML	ND	ND	ND	ND	28 D	ND	1900 D	ND	4900 D	ND	ND	6828

ND - Not detected, indicates parameter was analyzed for, but not detected at or above the reporting limit.

To address the NYSDEC concerns regarding the presentation and plotting of nondetected values, the data for 2001 to 2004 has been reevaluated and interpreted as follows:

1) Nondetected concentrations have been represented as ND for reporting purposes.

2) Total VOCs have been recalculated and represented as the sum of the detected parameters shown on this table.

3) The method change to 8260 was approved by the NYSDEC and changed in January 2005.

WHEATFIELD, NEW YORK

Well Id: B-38M

Date	Lab Sample Id	Method	Carbon tetrachloride (ug/L)	Chloroform (ug/L)	1,1- Dichloro- ethane	1,1- Dichloro ethene	Methylene chloride (ug/L)	Trans-1,2- dichloro- ethene	Cis-1,2- dichloro- ethylene	1,1,1- Trichloro- ethane	Trichloro- ethene (TCE)	Tetrachloro- ethylene (PCE)	Vinyl chloride (ug/L)	Total (ug/L)
	•				(ug/L)	(ug/L)		(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)		
01/19/2001 04/24/2001	A1056801 A1375202	8021	ND	ND	ND	ND	ND	ND	45	ND	0.4 J	ND	ND	45.4
		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 01/24/2006	A5B92601 A6089104	8260	ND	ND	0.84 J	0.74 J	ND	1	78	ND	27	ND	1.8	109.38
		8260	ND	ND	1.2	0.72 J	ND	1.3	81	ND	25	ND	2	111.22
04/13/2006 07/17/2006	6D14002-05 6G18004-04	8260	ND	ND	1	ND	ND	2	82	ND	33	ND	ND	118
10/12/2006	6J16007-02RE1	8260 8260	ND	ND ND	ND ND	ND	ND	1 ND	66	ND	25	ND	ND 2	92
01/10/2007	7A11003-06	8260	ND	ND	ND	ND ND	ND ND	ND	55 56	ND ND	23	ND ND	2	80
04/05/2007	7D06002-03	8260	ND ND	ND	ND	ND	ND ND	ND	56 41	ND ND	23 20	ND ND	ND	81 61
07/18/2007	7G19011-01	8260	ND	ND	ND	ND	ND	1	58	ND	32	ND	ND	91
10/11/2007	7J12012-05	8260	ND	ND	ND	ND	ND ND	ND	36	ND	32 21	ND	ND	57
01/09/2008	8A10002-04	8260	ND	ND	ND	ND	ND	ND	63	ND	29	ND	3	95
04/08/2008	8D09003-01	8260	ND	ND	ND	ND	2 B	ND	39	ND	12	ND	ND	53
07/25/2008	5426024	8260	ND	ND	ND	ND	ND	0.88 J	39 48	ND	21	ND	ND	69.88
10/14/2008	5498683			ND	ND		ND ND	0.88 J ND		ND ND	25		ND	
01/21/2009	5582432	8260 8260	ND ND	ND	ND	ND ND	ND ND	ND	46 54	ND ND	25 19	ND ND	1.4 J	71 74.4
04/20/2009	5651169	8260	ND	ND	ND	ND	ND ND	1 J	54 64	ND ND	23	ND ND	1.4 J 2 J	90
07/13/2009	5722288	8260 8260	ND ND	ND ND	ND ND	ND ND	ND ND	ND	50	ND ND	23 20	ND ND	2 J ND	90 70
01/13/2009	3122200	8280	ND	ND	ND	ND	ND	ND	50	ND	20	טא	טא	70

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.

Well	ld:	B-38M

Date	Lab Sample Id	Method	Carbon tetrachloride (ug/L)	Chloroform (ug/L)	1,1- Dichloro- ethane (ug/L)	1,1- Dichloro ethene (ug/L)	Methylene chloride (ug/L)	Trans-1,2- dichloro- ethene (ug/L)	Cis-1,2- dichloro- ethylene (ug/L)	1,1,1- Trichloro- ethane (ug/L)	Trichloro- ethene (TCE) (ug/L)	Tetrachloro- ethylene (PCE) (ug/L)	Vinyl chloride (ug/L)	Total (ug/L)
10/06/2009	5799015	8260	ND	ND	ND	ND	ND	ND	41	ND	17	ND	ND	58
01/21/2010	5889954	8260	ND	ND	ND	ND	ND	0.99 J	59	ND	24	ND	ND	83.99
04/07/2010	5948418	8260	ND	ND	ND	ND	ND	0.93 J	41	ND	19	ND	ND	60.93
07/15/2010	6033917	8260	ND	ND	ND	ND	ND	1.1 J	51	ND	30	ND	ND	82.1
10/19/2010	6116888	8260	ND	ND	ND	ND	ND	ND	37	ND	27	ND	ND	64
01/26/2011	6192957	8260	ND	ND	ND	ND	ND	ND	44	ND	23	ND	1 J	68
04/14/2011	6259036	8260	ND	ND	ND	ND	ND	0.95 J	47	ND	20	ND	ND	67.95
07/25/2011	6355559	8260	ND	ND	1.1 J	ND	ND	1.1 J	51	ND	28	ND	2 J	83.2
10/10/2011	6433657	8260	ND	ND	ND	0.91 J	ND	1.1 J	53	ND	39	ND	2.4 J	96.41
01/19/2012	6527710	8260	ND	ND	ND	ND	ND	0.92 J	44	ND	21	ND	1.1 J	67.02
04/04/2012	6607028	8260	ND	ND	1.2 J	ND	ND	1.4 J	56	ND	40	ND	ND	98.6
07/19/2012	6728256	8260	ND	ND	ND	ND	ND	0.83 J	45	ND	39	ND	1.1 J	85.93
10/03/2012	6812013	8260	ND	ND	ND	ND	ND	ND	36	ND	27	ND	ND	63
01/17/2013	6926980	8260	ND	ND	ND	ND	ND	1.1 J	48	ND	24	ND	ND	73.1
04/09/2013	7016204	8260	ND	ND	1.4 J	ND	ND	1.4 J	59	ND	44	ND	ND	105.8

ND - Not detected, indicates parameter was analyzed for, but not detected at or above the reporting limit.

To address the NYSDEC concerns regarding the presentation and plotting of nondetected values, the data for 2001 to 2004 has been reevaluated and interpreted as follows:

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2) Total VOCs have been recalculated and represented as the sum of the detected parameters shown on this table.

3) The method change to 8260 was approved by the NYSDEC and changed in January 2005.

Well	ld:	B-39M

Date	Lab Sample Id	Method	Carbon tetrachloride (ug/L)	Chloroform (ug/L)	1,1- Dichloro- ethane (ug/L)	1,1- Dichloro ethene (ug/L)	Methylene chloride (ug/L)	Trans-1,2- dichloro- ethene (ug/L)	Cis-1,2- dichloro- ethylene (ug/L)	1,1,1- Trichloro- ethane (ug/L)	Trichloro- ethene (TCE) (ug/L)	Tetrachloro- ethylene (PCE) (ug/L)	Vinyl chloride (ug/L)	Total (ug/L)
01/11/2001	A1035106	8021	ND	ND	ND	ND	ND	0.21 J	4.5	ND	8.7	ND	ND	13.41
04/19/2001	A1361308	624	ND	ND	ND	ND	ND	ND	ND	ND	0.32	ND	ND	0.32
07/10/2001	A1648711	8021	ND	ND	ND	ND	ND	ND	0.84 J	ND	2.6	ND	ND	3.44
10/18/2001	A1A23312	8021	ND	ND	ND	ND	ND	ND	11	ND	97	ND	ND	108
01/24/2002	A2076707	8021	ND	ND	ND	ND	1.9 J	ND	ND	ND	5.9	ND	ND	7.8
04/15/2002	A2370202	8021	ND	ND	ND	ND	ND	ND	ND	ND	2.4	ND	ND	2.4
07/16/2002	A2722906	8021	ND	ND	ND	ND	ND	ND	0.31 J	ND	2	ND	ND	2.31
10/08/2002	A2999101	8021	ND	ND	ND	ND	ND	ND	0.27 J	ND	2.4	ND	ND	2.67
01/23/2003	A3075201	8021	ND	ND	ND	ND	ND	ND	ND	ND	1.7	ND	ND	1.7
04/25/2003	A3389603	8021	ND	ND	ND	ND	ND	ND	0.61 J	ND	2.8	ND	ND	3.41
07/21/2003	A3699404	8021	ND	ND	ND	ND	ND	ND	1.2	ND	2.6	ND	ND	3.8
10/22/2003	A3A21903	8021	ND	ND	ND	ND	ND	ND	5.4	ND	7.4	ND	ND	12.8
01/21/2004	A4053401	8021	ND	ND	ND	ND	ND	ND	2.3	ND	8.5	ND	ND	10.8
04/29/2004	A4402502	8021	ND	ND	ND	ND	ND	ND	ND	ND	3.6	ND	ND	3.6
07/16/2004	A4674301	8260	ND	ND	ND	ND	ND	ND	4	ND	10	ND	ND	14
07/16/2004	A4674301	8021	ND	ND	ND	ND	ND	ND	4.9 E	ND	8.4	ND	ND	13.3
10/12/2004	A4A09405	8021	ND	ND	ND	ND	ND	ND	4	ND	8.1	ND	ND	12.1
01/12/2005	A5036106	8260	ND	ND	ND	ND	ND	ND	1.9	ND	140 E	ND	ND	141.9
01/12/2005	A5036106DL	8260									94 D			94
04/26/2005	A5414401	8260	ND	ND	ND	ND	ND	ND	0.8 J	ND	4.3	ND	ND	5.1
07/26/2005	A5791601	8260/5ML	ND	ND	ND	ND	ND	ND	3.3	ND	8.5	ND	ND	11.8
10/21/2005	A5B92802	8260	ND	ND	ND	ND	ND	ND	2	ND	4.8	ND	ND	6.8
01/26/2006	A6102406	8260	ND	ND	ND	ND	ND	ND	2	ND	7	ND	ND	9
04/20/2006	6D21003-03	8260	ND	ND	ND	ND	ND	ND	2	ND	7	ND	ND	9
07/18/2006	6G19003-03	8260	ND	ND	ND	ND	4 B	ND	7	ND	7	ND	ND	18
10/11/2006	6J12003-06RE1	8260	ND	ND	ND	ND	ND	ND	3	ND	4	ND	ND	7
01/09/2007	7A10006-04	8260	ND	ND	ND	ND	ND	ND	2	ND	7	ND	ND	9
04/17/2007	7D18003-01	8260	ND	ND	ND	ND	ND	ND	2	ND	5	ND	ND	7
07/16/2007	7G17015-07	8260	ND	ND	ND	ND	ND	ND	4	ND	1	ND	ND	5
10/15/2007	7J16003-01	8260	ND	ND	ND	ND	ND	ND	4	ND	3	ND	ND	7
01/14/2008	8A15002-01	8260	ND	ND	ND	ND	ND	ND	4	ND	14	ND	ND	18
04/15/2008	8D16011-02	8260	ND	ND	ND	ND	5 B	ND	ND	ND	3	ND	ND	8
07/24/2008	5424626	8260	ND	ND	ND	ND	ND	ND	0.9 J	ND	4.1 J	ND	ND	5
10/16/2008	5501559	8260	ND	ND	ND	ND	ND	ND	0.87 J	ND	3 J	ND	ND	3.87
01/21/2009	5582425	8260	ND	ND	ND	ND	ND	ND	0.86 J	ND	2.5 J	ND	ND	3.36
04/16/2009	5649168	8260	ND	ND	ND	ND	ND	ND	1.7 J	ND	4.1 J	ND	ND	5.8
07/07/2009	5718467	8260	ND	ND	ND	ND	ND	ND	1.4 J	ND	3 J	ND	ND	4.4

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Well	ld:	B-39M

Date	Lab Sample Id	Method	Carbon tetrachloride (ug/L)	Chloroform (ug/L)	1,1- Dichloro- ethane (ug/L)	1,1- Dichloro ethene (ug/L)	Methylene chloride (ug/L)	Trans-1,2- dichloro- ethene (ug/L)	Cis-1,2- dichloro- ethylene (ug/L)	1,1,1- Trichloro- ethane (ug/L)	Trichloro- ethene (TCE) (ug/L)	Tetrachloro- ethylene (PCE) (ug/L)	Vinyl chloride (ug/L)	Total (ug/L)
10/07/2009	5800391	8260	ND	ND	ND	ND	ND	ND	1 J	ND	2 J	ND	ND	3
01/25/2010	5892341	8260	ND	ND	ND	ND	ND	ND	2.4 J	ND	5.9	ND	ND	8.3
04/15/2010	5955535	8260	ND	ND	ND	ND	ND	ND	1.7 J	ND	5.1	ND	ND	6.8
07/15/2010	6033921	8260	ND	ND	ND	ND	ND	ND	1.9 J	ND	4.4 J	ND	ND	6.3
10/18/2010	6115531	8260	ND	ND	ND	ND	ND	ND	1.7 J	ND	3.8 J	ND	ND	5.5
01/24/2011	6190817	8260	ND	ND	ND	ND	ND	ND	1.3 J	ND	3.6 J	ND	ND	4.9
04/20/2011	6264712	8260	ND	ND	ND	ND	ND	ND	ND	ND	1.8 J	ND	ND	1.8
07/20/2011	6352281	8260	ND	ND	ND	ND	ND	ND	0.88 J	ND	2.2 J	ND	ND	3.08
10/11/2011	6434696	8260	ND	ND	ND	ND	ND	ND	0.94 J	ND	2.2 J	ND	ND	3.14
01/25/2012	6532443	8260	ND	ND	ND	ND	ND	ND	1.1 J	ND	4.8 J	ND	ND	5.9
04/05/2012	6608278	8260	ND	ND	ND	ND	ND	ND	3.2 J	ND	10	ND	ND	13.2
07/11/2012	6717363	8260	ND	ND	ND	ND	ND	ND	2.8 J	ND	7.3	ND	ND	10.1
10/04/2012	6814373	8260	ND	ND	ND	ND	ND	ND	4.8 J	ND	8.7	ND	ND	13.5
01/24/2013	6934228	8260	ND	ND	ND	ND	ND	ND	2.0 J	ND	10	ND	ND	12
04/02/2013	7007573	8260	ND	ND	ND	ND	ND	ND	1.8 J	ND	8.0	ND	ND	9.8

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.

Well Id:	B-40M
well iu.	D-401VI

Date	Lab Sample Id	Method	Carbon tetrachloride (ug/L)	Chloroform (ug/L)	1,1- Dichloro- ethane (ug/L)	1,1- Dichloro ethene (ug/L)	Methylene chloride (ug/L)	Trans-1,2- dichloro- ethene (ug/L)	Cis-1,2- dichloro- ethylene (ug/L)	1,1,1- Trichloro- ethane (ug/L)	Trichloro- ethene (TCE) (ug/L)	Tetrachloro- ethylene (PCE) (ug/L)	Vinyl chloride (ug/L)	Total (ug/L)
01/11/2001	A1035107	8021	ND	ND	ND	ND	ND	1.1	5.6	ND	ND	ND	1.5 J	8.2
04/19/2001	A1361306	624	ND	ND	ND	ND	ND	ND	0.97	ND	ND	ND	ND	0.97
07/10/2001	A1648710	8021	ND	ND	ND	ND	ND	0.26 J	3.2	ND	ND	ND	0.28 J	3.74
10/18/2001	A1A23311	8021	ND	ND	ND	ND	ND	ND	3.3	ND	41	ND	ND	44.3
01/22/2002	A2066012RE	8021	ND	ND	ND	ND	ND	ND	5.1	ND	ND	ND	1.4 J	6.5
04/12/2002	A2351801	8021	ND	ND	ND	ND	ND	0.6 J	6	ND	ND	ND	0.87 J	7.47
07/12/2002	A2713907	8021	ND	ND	ND	ND	ND	ND	5	ND	ND	ND	ND	5
10/08/2002	A2999308	8021	ND	ND	ND	ND	ND	0.7 J	6.9	ND	0.58 J	ND	1 J	9.18
01/20/2003	A3060804	8021	ND	ND	ND	ND	ND	0.43 J	4.5	ND	0.29 J	ND	0.75 J	5.97
04/25/2003	A3389401	8021	ND	ND	ND	ND	ND	0.48 J	4.4	ND	ND	ND	0.58 J	5.46
07/17/2003	A3683703	8021	ND	ND	ND	ND	ND	0.38 J	3.8	ND	ND	ND	0.22 J	4.4
10/17/2003	A3A09004	8021	ND	ND	ND	ND	ND	ND	3.4	ND	ND	ND	ND	3.4
01/20/2004	A4053202	8021	ND	ND	ND	ND	ND	ND	3.1	ND	ND	ND	ND	3.1
04/29/2004	A4402401	8021	ND	ND	ND	ND	ND	ND	2.1	ND	ND	ND	ND	2.1
07/16/2004	A4674201	8260	ND	ND	ND	ND	ND	0.58 J	2.9	ND	ND	ND	ND	3.48
07/16/2004	A4674201	8021	ND	ND	ND	ND	ND	ND	3 E	ND	ND	ND	ND	3
10/12/2004	A4A09702	8021	ND	ND	ND	ND	ND	0.53 J	6.1	ND	ND	ND	ND	6.63
01/12/2005	A5036203	8260	ND	ND	ND	ND	ND	0.62 J	4.8	ND	0.38 J	ND	ND	5.8
04/26/2005	A5414301	8260	ND	ND	ND	ND	ND	0.6 J	4.3	ND	0.3 J	ND	ND	5.2
07/26/2005	A5791602	8260/5ML	ND	ND	ND	ND	ND	ND	2.1	ND	ND	ND	ND	2.1
10/21/2005	A5B92602	8260	ND	ND	ND	ND	ND	0.73 J	4.8	ND	0.91 J	ND	ND	6.44
01/27/2006	A6102501	8260	ND	ND	ND	ND	ND	0.64 J	5.4	ND	1.6	ND	ND	7.64
04/20/2006	6D21003-04	8260	ND	ND	ND	ND	ND	ND	3	ND	ND	ND	ND	3
07/18/2006	6G19003-04	8260	ND	ND	ND	ND	5 B	ND	4	ND	1	ND	ND	10
10/11/2006	6J12003-05	8260	ND	ND	ND	ND	ND	ND	5	ND	2	ND	ND	7
01/05/2007	7A05012-04	8260	ND	ND	ND	ND	3 B	ND	6	ND	3	ND	ND	12
04/17/2007	7D18003-02	8260	ND	ND	ND	ND	ND	ND	4	ND	2	ND	ND	6
07/16/2007	7G17015-10	8260	ND	ND	ND	ND	ND	ND	3	ND	ND	ND	ND	3
10/15/2007	7J16003-02	8260	ND	ND	ND	ND	ND	ND	4	ND	2	ND	ND	6
01/09/2008	8A10002-06	8260	ND	ND	ND	ND	ND	ND	4	ND	2	ND	ND	6
04/15/2008	8D16011-03	8260	ND	ND	ND	ND	4 B	ND	4	ND	3	ND	ND	11
07/23/2008	5423261	8260	ND	ND	ND	ND	ND	ND	3.1 J	ND	1.6 J	ND	ND	4.7
10/16/2008	5501558	8260	ND	ND	ND	ND	ND	ND	6.1	ND	3.2 J	ND	ND	9.3
01/21/2009	5582426	8260	ND	ND	ND	ND	ND	ND	5.9	ND	2.9 J	ND	ND	8.8
04/16/2009	5649167	8260	ND	ND	ND	ND	ND	ND	3.9 J	ND	2.5 J	ND	ND	6.4
07/07/2009	5718466	8260	ND	ND	ND	ND	ND	ND	2.7 J	ND	1.7 J	ND	ND	4.4
10/07/2009	5800392	8260	ND	ND	ND	ND	ND	ND	2.8 J	ND	1.6 J	ND	ND	4.4

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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.

Date	Lab Sample Id	Method	Carbon tetrachloride (ug/L)	Chloroform (ug/L)	1,1- Dichloro- ethane (ug/L)	1,1- Dichloro ethene (ug/L)	Methylene chloride (ug/L)	Trans-1,2- dichloro- ethene (ug/L)	Cis-1,2- dichloro- ethylene (ug/L)	1,1,1- Trichloro- ethane (ug/L)	Trichloro- ethene (TCE) (ug/L)	Tetrachloro- ethylene (PCE) (ug/L)	Vinyl chloride (ug/L)	Total (ug/L)
01/25/2010	5892342	8260	ND	ND	ND	ND	ND	ND	4.1 J	ND	2.6 J	ND	ND	6.7
04/15/2010	5955536	8260	ND	ND	ND	ND	ND	ND	3.9 J	ND	2.7 J	ND	ND	6.6
07/19/2010	6036148	8260	ND	ND	ND	ND	ND	ND	3.7 J	ND	2.5 J	ND	ND	6.2
10/18/2010	6115534	8260	ND	ND	ND	ND	ND	ND	4.4 J	ND	2 J	ND	ND	6.4
01/24/2011	6190816	8260	ND	ND	ND	ND	ND	ND	6.6	ND	4.2 J	ND	ND	10.8
04/20/2011	6264714	8260	ND	ND	ND	ND	ND	ND	2.8 J	ND	1.7 J	ND	ND	4.5
07/20/2011	6352282	8260	ND	ND	ND	ND	ND	ND	3.4 J	ND	2 J	ND	ND	5.4
10/11/2011	6434699	8260	ND	ND	ND	ND	ND	0.91 J	4.7 J	ND	2.1 J	ND	ND	7.71
01/18/2012	6526477	8260	ND	ND	ND	ND	ND	ND	4.2 J	ND	1.8 J	ND	ND	6
04/05/2012	6608277	8260	ND	ND	ND	ND	ND	ND	3.8 J	ND	6.1	ND	ND	9.9
07/11/2012	6717361	8260	ND	ND	ND	ND	ND	ND	2.6 J	ND	2.1 J	ND	ND	4.7
10/04/2012	6814370	8260	ND	ND	ND	ND	ND	ND	3.6 J	ND	2.4 J	ND	ND	6
01/24/2013	6934227	8260	ND	ND	ND	ND	ND	ND	3.3 J	ND	2.2 J	ND	ND	5.5
04/02/2013	7007574	8260	ND	ND	ND	ND	ND	ND	2.6 J	ND	1.6 J	ND	ND	4.2

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2) Total VOCs have been recalculated and represented as the sum of the detected parameters shown on this table.

3) The method change to 8260 was approved by the NYSDEC and changed in January 2005.

WHEATFIELD, NEW YORK

Well Id: B-41M

Date	Lab Sample Id	Method	Carbon tetrachloride (ug/L)	Chloroform (ug/L)	1,1- Dichloro- ethane (ug/L)	1,1- Dichloro ethene (ug/L)	Methylene chloride (ug/L)	Trans-1,2- dichloro- ethene (ug/L)	Cis-1,2- dichloro- ethylene (ug/L)	1,1,1- Trichloro- ethane (ug/L)	Trichloro- ethene (TCE) (ug/L)	Tetrachloro- ethylene (PCE) (ug/L)	Vinyl chloride (ug/L)	Total (ug/L)
01/12/2001	A1035108	8021	ND	ND	ND	ND	ND	1.3	3.1	ND	0.37 J	ND	ND	4.77
04/19/2001	A1361312	624	ND	ND	ND	ND	ND	ND	0.45	ND	ND	ND	ND	0.45
07/10/2001	A1648709	8021	ND	ND	ND	ND	ND	0.55 J	1.6	ND	0.38 J	ND	ND	2.53
10/18/2001	A1A23308	8021	ND	ND	ND	ND	ND	ND	ND	ND	100	ND	ND	100
01/23/2002	A2076802RI	8021	ND	ND	ND	ND	3.5	ND	ND	ND	ND	ND	ND	3.5
04/15/2002	A2370101	8021	ND	ND	ND	ND	ND	ND	1.8	ND	1 J	ND	ND	2.8
07/15/2002	A2723101	8021	ND	ND	ND	ND	ND	ND	1.2	ND	0.47 J	ND	ND	1.67
10/08/2002	A2999207	8021	ND	ND	ND	ND	ND	0.38 J	1.4	ND	0.84 J	ND	ND	2.62
01/21/2003	A3069004	8021	ND	ND	ND	ND	ND	0.44 J	1.5	ND	0.81 J	ND	ND	2.75
04/28/2003	A3399801	8021	ND	ND	ND	ND	ND	0.57 J	2.3	ND	ND	ND	ND	2.87
07/17/2003	A3683705	8021	ND	ND	ND	ND	ND	0.52 J	2.3	ND	0.65 J	ND	ND	3.47
10/17/2003	A3A09005	8021	ND	ND	ND	ND	ND	ND	2.7	ND	ND	ND	ND	2.7
01/21/2004	A4053204	8021	ND	ND	ND	ND	ND	ND	2.4	ND	ND	ND	ND	2.4
04/30/2004	A4402402	8021	ND	ND	ND	ND	ND	1.2	3.1	ND	ND	ND	ND	4.3
07/16/2004	A4674202	8021	ND	ND	ND	ND	ND	1.1 E	2.6 E	ND	ND	ND	ND	3.7
07/16/2004	A4674202	8260	ND	ND	ND	ND	ND	0.9 J	2.3	ND	0.3 J	ND	ND	3.5
10/12/2004	A4A09701	8021	ND	ND	ND	ND	ND	1.3	6.7	ND	ND	ND	ND	8
01/18/2005	A5051003	8260	ND	ND	ND	ND	ND	0.75 J	2	ND	0.38 J	ND	ND	3.13
04/26/2005	A5414302	8260	ND	ND	ND	ND	ND	1.3	3.8	ND	ND	ND	ND	5.1
07/26/2005	A5791603	8260/5ML	ND	ND	ND	ND	ND	1.2	2.9	ND	ND	ND	ND	4.1
10/21/2005	A5B92603	8260	ND	ND	ND	ND	ND	1	4.3	ND	ND	ND	0.99 J	6.29
01/27/2006	A6102502	8260	ND	ND	ND	ND	ND	0.62 J	3.1	ND	ND	ND	ND	3.72
04/21/2006	6D21017-03	8260	ND	ND	ND	ND	ND	ND	4	ND	ND	ND	ND	4
07/18/2006	6G19003-02	8260	ND	ND	ND	ND	4 B	ND	5	ND	ND	ND	ND	9
10/12/2006	6J16007-01RE1	8260	ND	ND	ND	ND	ND	ND	3	ND	ND	ND	ND	3
01/09/2007	7A10006-07	8260	ND	ND	ND	ND	ND	ND	4	ND	1	ND	ND	5
04/17/2007	7D18003-03	8260	ND	ND	ND	ND	ND	ND	5	ND	ND	ND	ND	5
07/16/2007	7G17015-09	8260	ND	ND	ND	ND	ND	ND	4	ND	ND	ND	ND	4
10/15/2007	7J16003-03	8260	ND	ND	ND	ND	ND	ND	3	ND	ND	ND	ND	3
01/09/2008	8A10002-05	8260	ND	ND	ND	ND	ND	ND	3	ND	ND	ND	ND	3
04/16/2008	8D16026-01	8260	ND	ND	ND	ND	4 B	ND	5	ND	ND	ND	ND	9
07/16/2008	5417443	8260	ND	ND	ND	ND	ND	ND	2.5 J	ND	ND	ND	ND	2.5
10/16/2008	5501557	8260	ND	ND	ND	ND	ND	ND	4.6 J	ND	ND	ND	ND	4.6
01/21/2009	5582427	8260	ND	ND	ND	ND	ND	ND	5.9	ND	ND	ND	1.5 J	7.4
04/16/2009	5649169	8260	ND	ND	ND	ND	ND	ND	6.8	ND	ND	ND	1.4 J	8.2
07/07/2009	5718464	8260	ND	ND	ND	ND	ND	ND	4.3 J	ND	ND	ND	ND	4.3
10/07/2009	5800393	8260	ND	ND	ND	ND	ND	ND	3.3 J	ND	ND	ND	ND	3.3

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3) The method change to 8260 was approved by the NYSDEC and changed in January 2005.

Date	Lab Sample Id	Method	Carbon tetrachloride (ug/L)	Chloroform (ug/L)	1,1- Dichloro- ethane (ug/L)	1,1- Dichloro ethene (ug/L)	Methylene chloride (ug/L)	Trans-1,2- dichloro- ethene (ug/L)	Cis-1,2- dichloro- ethylene (ug/L)	1,1,1- Trichloro- ethane (ug/L)	Trichloro- ethene (TCE) (ug/L)	Tetrachloro- ethylene (PCE) (ug/L)	Vinyl chloride (ug/L)	Total (ug/L)
01/25/2010	5892343	8260	ND	ND	ND	ND	ND	ND	5.4	ND	ND	ND	ND	5.4
04/15/2010	5955537	8260	ND	ND	ND	ND	ND	ND	6	ND	ND	ND	1.8 J	7.8
07/19/2010	6036149	8260	ND	ND	ND	ND	ND	ND	4.1 J	ND	ND	ND	ND	4.1
10/18/2010	6115535	8260	ND	ND	ND	ND	ND	ND	3.1 J	ND	ND	ND	ND	3.1
01/24/2011	6190821	8260	ND	ND	ND	ND	ND	ND	3.8 J	ND	ND	ND	ND	3.8
04/20/2011	6264717	8260	ND	ND	ND	ND	ND	ND	7.4	ND	ND	ND	2.9 J	10.3
07/20/2011	6352283	8260	ND	ND	ND	ND	ND	ND	4.9 J	ND	ND	ND	ND	4.9
10/11/2011	6434700	8260	ND	ND	ND	ND	ND	ND	4.4 J	ND	ND	ND	ND	4.4
01/18/2012	6526476	8260	ND	ND	ND	ND	ND	ND	6.2	ND	5.8	ND	ND	12
04/05/2012	6608276	8260	ND	ND	ND	ND	ND	ND	7.9	ND	10	ND	ND	17.9
07/11/2012	6717360	8260	ND	ND	ND	ND	ND	ND	5.8	ND	ND	ND	ND	5.8
10/04/2012	6814365	8260	ND	ND	ND	ND	ND	ND	4.6 J	ND	ND	ND	ND	4.6
01/24/2013	6934226	8260	ND	ND	ND	ND	ND	ND	7.8	ND	ND	ND	ND	7.8
04/02/2013	7007575	8260	ND	ND	ND	ND	ND	ND	6.8	ND	ND	ND	ND	6.8

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WHEATFIELD, NEW YORK

Well Id: B-42M

Date	Lab Sample Id	Method	Carbon tetrachloride (ug/L)	Chloroform (ug/L)	1,1- Dichloro- ethane (ug/L)	1,1- Dichloro ethene (ug/L)	Methylene chloride (ug/L)	Trans-1,2- dichloro- ethene (ug/L)	Cis-1,2- dichloro- ethylene (ug/L)	1,1,1- Trichloro- ethane (ug/L)	Trichloro- ethene (TCE) (ug/L)	Tetrachloro- ethylene (PCE) (ug/L)	Vinyl chloride (ug/L)	Total (ug/L)
01/12/2001	A1035114	8021	ND	ND	ND	ND	2.1 J	1.2	51	ND	23	ND	ND	77.3
04/20/2001	A1366404	624	ND	ND	ND	ND	ND	ND	39	ND	380 D	ND	ND	419
07/11/2001	A1648704	8021	ND	ND	0.27 J	ND	ND	1.4	45	ND	14	ND	9.4	70.07
10/17/2001	A1A23307	8021	ND	ND	ND	ND	ND	0.4 J	12	ND	3	ND	ND	15.4
11/12/2001	A1B23801	8021	ND	ND	ND	ND	ND	0.56 J	8	ND	4	ND	ND	12.56
01/24/2002	A2076710	8021	ND	ND	ND	ND	ND	0.5 J	8.2	ND	4.8	ND	0.44 J	13.94
04/18/2002	A2378803	8021	ND	ND	ND	ND	ND	0.43 J	4.2	ND	4.1	ND	ND	8.73
07/16/2002	A2722908	8021	ND	ND	ND	ND	ND	0.6 J	8.2	ND	3.9	ND	ND	12.7
10/11/2002	A2A14401	8021	ND	ND	ND	ND	ND	1.5	16	ND	6	ND	ND	23.5
01/23/2003	A3075204	8021	ND	ND	ND	ND	ND	ND	8.9	ND	12	ND	ND	20.9
04/23/2003	A3376302	8021	ND	ND	ND	ND	ND	1.2	12	ND	6.9	ND	0.67 J	20.77
07/22/2003	A3699405	8021	ND	ND	ND	ND	ND	1	15	ND	5.2	ND	ND	21.2
10/22/2003	A3A28303	8021	ND	ND	ND	ND	ND	2	28	ND	8.2	ND	1.4 J	39.6
01/21/2004	A4053402	8021	ND	ND	ND	ND	ND	ND	11	ND	6.9	ND	ND	17.9
04/28/2004	A4387603	8021	ND	ND	ND	ND	ND	1.1	10	ND	4.9	ND	ND	16
07/09/2004	A4647101	8021	ND	ND	ND	ND	ND	1	8.5	ND	4.3	ND	ND	13.8
10/08/2004	A4994202	8021	ND	ND	ND	ND	ND	ND	6.2	ND	3.5	ND	ND	9.7
01/18/2005	A5051101	8260	ND	ND	ND	ND	ND	0.34 J	2.6	ND	2.6	ND	ND	5.54
04/26/2005	A5414403	8260	ND	ND	ND	ND	ND	0.43 J	5.1	ND	3.6	ND	ND	9.13
07/26/2005	A5791701	8260/5ML	ND	ND	ND	ND	ND	1	8.2	ND	3.9	ND	ND	13.1
10/20/2005	A5B92005	8260	ND	ND	ND	ND	ND	1.5	13	ND	5.9	ND	2.2	22.6
01/24/2006	A6089108	8260	ND	ND	ND	ND	ND	ND	4.1	ND	2.9	ND	ND	7
04/19/2006	6D20002-05	8260	ND	ND	ND	ND	ND	ND	6	ND	4	ND	ND	10
07/18/2006	6G19003-08	8260	ND	ND	ND	ND	5 B	ND	7	ND	3	ND	ND	15
10/11/2006	6J12003-03	8260	ND	ND	ND	ND	ND	1	10	ND	4	ND	ND	15
01/10/2007	7A11003-01	8260	ND	ND	ND	ND	ND	ND	3	ND	2	ND	ND	5
04/16/2007	7D17002-01	8260	ND	ND	ND	ND	ND	ND	5	ND	3	ND	ND	8
07/16/2007	7G17015-02	8260	ND	ND	ND	ND	2	ND	3	ND	2	ND	ND	7
10/09/2007	7J10006-09	8260	ND	ND	ND	ND	ND	ND	4	ND	3	ND	ND	7
01/14/2008	8A15002-02	8260	ND	ND	ND	ND	ND	ND	8	ND	4	ND	ND	12
04/14/2008	8D15002-01	8260	ND	ND	ND	ND	2 B	ND	6	ND	3	ND	ND	11
07/23/2008	5423257	8260	ND	ND	ND	ND	ND	0.81 J	6.8	ND	2.4 J	ND	ND	10.01
10/16/2008	5501561	8260	ND	ND	ND	ND	ND	ND	16	ND	31	ND	ND	47
01/21/2009	5582431	8260	ND	ND	ND	ND	ND	ND	6.8	ND	5 J	ND	ND	11.8
04/15/2009	5647725	8260	ND	ND	ND	ND	ND	1.3 J	11	ND	3.7 J	ND	ND	16
07/07/2009	5718476	8260	ND	ND	ND	ND	ND	0.98 J	7.8	ND	2.7 J	ND	ND	11.48
10/07/2009	5800382	8260	ND	ND	ND	ND	ND	ND	6.8	ND	2.6 J	ND	ND	9.4

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.

Well	ld:	B-42M
AACII	ıu.	D-42141

Date	Lab Sample Id	Method	Carbon tetrachloride (ug/L)	Chloroform (ug/L)	1,1- Dichloro- ethane (ug/L)	1,1- Dichloro ethene (ug/L)	Methylene chloride (ug/L)	Trans-1,2- dichloro- ethene (ug/L)	Cis-1,2- dichloro- ethylene (ug/L)	1,1,1- Trichloro- ethane (ug/L)	Trichloro- ethene (TCE) (ug/L)	Tetrachloro- ethylene (PCE) (ug/L)	Vinyl chloride (ug/L)	Total (ug/L)
01/20/2010	5888920	8260	ND	ND	ND	ND	ND	0.81 J	8.3	ND	2.6 J	ND	ND	11.71
04/13/2010	5953085	8260	ND	ND	ND	ND	ND	1.6 J	14	ND	3.7 J	ND	ND	19.3
07/14/2010	6032685	8260	ND	ND	ND	ND	ND	1 J	9.1	ND	2.6 J	ND	ND	12.7
10/14/2010	6113373	8260	ND	ND	ND	ND	ND	ND	6.9	ND	2 J	ND	ND	8.9
01/25/2011	6191892	8260	ND	ND	ND	ND	ND	1.1 J	10	ND	2.7 J	ND	ND	13.8
04/19/2011	6263086	8260	ND	ND	ND	ND	ND	1.2 J	10	ND	3.8 J	ND	ND	15
07/13/2011	6343977	8260	ND	ND	ND	ND	ND	ND	6.9	ND	2.6 J	ND	ND	9.5
10/12/2011	6435897	8260	ND	ND	ND	ND	ND	ND	5.3	ND	1.9 J	ND	ND	7.2
01/18/2012	6526475	8260	ND	ND	ND	ND	ND	ND	5.7	ND	2.1 J	ND	ND	7.8
04/09/2012	6610605	8260	ND	ND	ND	ND	ND	1.7 J	16	ND	13	ND	1.2 J	31.9
07/18/2012	6726433	8260	ND	ND	ND	ND	ND	0.90 J	8.3	ND	3.1 J	ND	ND	12.3
10/02/2012	6810726	8260	ND	ND	ND	ND	ND	0.83 J	6.5	ND	2.3 J	ND	ND	9.63
01/22/2013	6931421	8260	ND	ND	ND	ND	ND	ND	6.3	ND	3.2 J	ND	ND	9.5
04/04/2013	7011181	8260	ND	ND	ND	ND	ND	1.3 J	11	ND	7.7	ND	ND	20

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.

WHEATFIELD, NEW YORK

Well Id: B-43M

Date	Lab Sample Id	Method	Carbon tetrachloride (ug/L)	Chloroform (ug/L)	1,1- Dichloro- ethane (ug/L)	1,1- Dichloro ethene (ug/L)	Methylene chloride (ug/L)	Trans-1,2- dichloro- ethene (ug/L)	Cis-1,2- dichloro- ethylene (ug/L)	1,1,1- Trichloro- ethane (ug/L)	Trichloro- ethene (TCE) (ug/L)	Tetrachloro- ethylene (PCE) (ug/L)	Vinyl chloride (ug/L)	Total (ug/L)
01/12/2001	A1035113	8021	ND	ND	1.4	ND	ND	ND	34	ND	4.5	ND	2.7	42.6
04/20/2001	A1366405	624	ND	ND	ND	ND	ND	ND	4.6	ND	2.9	ND	ND	7.5
07/11/2001	A1648701	8021	ND	ND	0.35 J	ND	ND	ND	2.1	ND	0.83 J	ND	0.3 J	3.58
11/12/2001	A1B23802	8021	ND	ND	ND	ND	ND	ND	14	ND	6.4	ND	0.37 J	20.77
01/21/2002	A2066007	8021	ND	ND	ND	ND	ND	0.61 J	13	ND	6.1	ND	ND	19.71
04/11/2002	A2348302	8021	ND	ND	ND	ND	ND	0.61 J	11	ND	6.3	ND	ND	17.91
07/11/2002	A2708317	8021	ND	ND	ND	ND	ND	ND	10	ND	5.4	ND	ND	15.4
10/08/2002	A2999303	8021	ND	ND	ND	ND	ND	0.38 J	6	ND	4.3	ND	0.29 J	10.97
01/16/2003	A3055804	8021	ND	ND	0.29 J	ND	ND	0.4 J	6.3	ND	3.4	ND	1.2 J	11.59
04/29/2003	A3398701	8021	ND	ND	ND	ND	ND	ND	3.8	ND	2.4	ND	0.34 J	6.54
07/17/2003	A3683706	8021	ND	ND	ND	ND	ND	ND	2.1	ND	1.1 J	ND	ND	3.2
10/16/2003	A3A09002	8021	ND	ND	ND	ND	ND	ND	3.7	ND	8.1	ND	ND	11.8
01/20/2004	A4053201	8021	ND	ND	ND	ND	ND	ND	10	ND	8.9	ND	ND	18.9
04/28/2004	A4387602	8021	ND	ND	ND	ND	ND	ND	2	ND	1.4	ND	ND	3.4
07/09/2004	A4647301	8021	ND	ND	ND	ND	ND	ND	4.3	ND	8.2	ND	ND	12.5
10/07/2004	A4994505	8021	ND	ND	ND	ND	ND	ND	7.4	ND	36	ND	ND	43.4
01/18/2005	A5051001	8260	ND	ND	ND	ND	ND	0.82 J	8.9	ND	5.5	ND	1.5 J	16.72
04/21/2005	A5402202	8260	ND	ND	ND	ND	ND	0.83 J	10	ND	40 E	ND	ND	50.83
04/21/2005	A5402202DL	8260	ND	ND	ND	ND	ND	0.69 DJ	8.6 D	ND	34 D	ND	ND	43.29
07/26/2005	A5791702	8260/5ML	ND	ND	ND	ND	ND	1.6	17	ND	79	ND	ND	97.6
10/20/2005	A5B91801	8260	ND	ND	ND	ND	ND	0.64 J	6	ND	6.8	ND	1.3 J	14.74
01/26/2006	A6102402	8260	ND	ND	ND	ND	ND	0.74 J	12	ND	4.6	ND	3.8	21.14
04/20/2006	6D21003-01	8260	ND	ND	ND	ND	ND	ND	12	ND	3	ND	3	18
07/18/2006	6G19003-07	8260	ND	ND	ND	ND	4 B	ND	8	ND	4	ND	ND	16
10/11/2006	6J12003-02	8260	ND	ND	ND	ND	ND	1	12	ND	36	ND	ND	49
01/10/2007	7A11003-02	8260	ND	ND	ND	ND	ND	ND	12	ND	5	ND	4	21
04/16/2007	7D17002-02	8260	ND	ND	ND	ND	ND	ND	9	ND	2	ND	ND	11
07/16/2007	7G17015-03	8260	ND	ND	ND	ND	ND	ND	9	ND	2	ND	3	14
10/10/2007	7J11002-07	8260	ND	ND	ND	ND	ND	ND	8	ND	3	ND	2	13
01/14/2008	8A15002-03	8260	ND	ND	ND	ND	ND	ND	9	ND	2	ND	2	13
04/14/2008	8D15002-02	8260	ND	ND	ND	ND	3 B	ND	5	ND	ND	ND	ND	8
07/23/2008	5423258	8260	ND	ND	ND	ND	ND	ND	8.5	ND	2.3 J	ND	2.6 J	13.4
10/16/2008	5501560	8260	ND	ND	ND	ND	ND	ND	10	ND	2.8 J	ND	3.1 J	15.9
01/15/2009	5578617	8260	ND	ND	ND	ND	ND	ND	9.1	ND	5.3	ND	2.5 J	16.9
04/15/2009	5647721	8260	ND	ND	ND	ND	ND	ND	7.2	ND	ND	ND	2.2 J	9.4
07/07/2009	5718475	8260	ND	ND	ND	ND	ND	ND	8.4	ND	2 J	ND	2.6 J	13
10/07/2009	5800384	8260	ND	ND	ND	ND	ND	ND	7.7	ND	2.7 J	ND	2.1 J	12.5

ND - Not detected, indicates parameter was analyzed for, but not detected at or above the reporting limit.

To address the NYSDEC concerns regarding the presentation and plotting of nondetected values, the data for 2001 to 2004 has been reevaluated and interpreted as follows:

1) Nondetected concentrations have been represented as ND for reporting purposes.

2) Total VOCs have been recalculated and represented as the sum of the detected parameters shown on this table.

³⁾ The method change to 8260 was approved by the NYSDEC and changed in January 2005.

Date	Lab Sample Id	Method	Carbon tetrachloride (ug/L)	Chloroform (ug/L)	1,1- Dichloro- ethane (ug/L)	1,1- Dichloro ethene (ug/L)	Methylene chloride (ug/L)	Trans-1,2- dichloro- ethene (ug/L)	Cis-1,2- dichloro- ethylene (ug/L)	1,1,1- Trichloro- ethane (ug/L)	Trichloro- ethene (TCE) (ug/L)	Tetrachloro- ethylene (PCE) (ug/L)	Vinyl chloride (ug/L)	Total (ug/L)
01/20/2010	5888917	8260	ND	ND	ND	ND	ND	ND	6	ND	1.7 J	ND	1.5 J	9.2
04/13/2010	5953084	8260	ND	ND	ND	ND	ND	ND	5.9	ND	2.6 J	ND	ND	8.5
07/14/2010	6032683	8260	ND	ND	ND	ND	ND	ND	9.9	ND	2.8 J	ND	3 J	15.7
10/12/2010	6109758	8260	ND	ND	ND	ND	ND	ND	9.4	ND	3.3 J	ND	2.6 J	15.3
01/25/2011	6191891	8260	ND	ND	ND	ND	ND	ND	9.8	ND	3.1 J	ND	2.7 J	15.6
04/19/2011	6263085	8260	ND	ND	ND	ND	ND	ND	3.1 J	ND	ND	ND	ND	3.1
07/13/2011	6343976	8260	ND	ND	ND	ND	ND	ND	11	ND	3.8 J	ND	5.1	19.9
10/12/2011	6435898	8260	ND	ND	ND	ND	ND	ND	11	ND	3.4 J	ND	2.3 J	16.7
01/16/2012	6523836	8260	ND	ND	ND	ND	ND	ND	10	ND	3.3 J	ND	4.0 J	17.3
04/09/2012	6610604	8260	ND	ND	ND	ND	ND	ND	15	ND	27	ND	ND	42
07/18/2012	6726434	8260	ND	ND	ND	ND	ND	ND	11	ND	3.0 J	ND	4.3 J	18.3
10/02/2012	6810725	8260	ND	ND	ND	ND	ND	ND	11	ND	3.4 J	ND	2.9 J	17.3
01/22/2013	6931417	8260	ND	ND	ND	ND	ND	ND	5.9	ND	1.6 J	ND	3.1 J	10.6
04/04/2013	7011178	8260	ND	ND	ND	ND	ND	ND	9.5	ND	15	ND	ND	24.5

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.

WHEATFIELD, NEW YORK

Well Id: B-44M

well id.	D-44W		Carbon tetrachloride		1,1- Dichloro- ethane	1,1- Dichloro ethene	Methylene chloride	Trans-1,2- dichloro- ethene	Cis-1,2- dichloro- ethylene	1,1,1- Trichloro- ethane	Trichloro- ethene (TCE)	Tetrachloro- ethylene (PCE)	Vinyl chloride	Total
Date	Lab Sample Id	Method	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)
01/13/2001	A1041307	8021	ND	ND	7.6	1.2	ND	1.1	38	1.9	8	ND	15	72.8
04/25/2001	A1382101	8021	ND	ND	6	ND	ND	0.25 J	33	0.4 J	4.3	ND	7.7	51.65
07/11/2001	A1648703	8021	ND	ND	4.5	ND	ND	ND	23	ND	3	ND	2.4	32.9
11/12/2001	A1B23803	8021	ND	ND	6.1	ND	ND	ND	33	ND	27	ND	4.5	70.6
01/22/2002	A2066013	8021	ND	ND	ND	ND	14	ND	22	ND	ND	ND	ND	36
04/12/2002	A2351802	8021	ND	ND	7.6	ND	ND	ND	33	ND	5.9	ND	5.6	52.1
07/15/2002	A2723103	8021	ND	ND	7.8	ND	ND	ND	28	ND	5.5	ND	4.4	45.7
10/09/2002	A2A07501	8021	ND	ND	9.2	ND	ND	ND	49	0.76 J	10	ND	15	83.96
01/21/2003	A3069001	8021	ND	0.54 J	7.4	ND	ND	ND	25	ND	5.5	ND	4.9	43.34
04/29/2003	A3398702	8021	ND	ND	11	ND	ND	ND	44	0.79 J	10	ND	27	92.79
07/17/2003	A3683704	8021	ND	ND	8.3	ND	ND	ND	36	0.45 J	4.8	ND	13	62.55
10/17/2003	A3A09003	8021	ND	ND	8.4	ND	ND	ND	26	ND	1.6	ND	20	56
01/20/2004	A4053203	8021	ND	ND	9.1	ND	ND	ND	15	ND	1.9	ND	9.7	35.7
04/28/2004	A4387601	8021	ND	ND	8.5	ND	ND	ND	27	ND	3.2	ND	23	61.7
07/09/2004	A4647302	8021	ND	ND	8	ND	ND	ND	15	ND	1.6	ND	19	43.6
10/07/2004	A4994504	8021	ND	ND	6.3	ND	ND	ND	5	ND	2.4	ND	5.6	19.3
01/18/2005	A5051002	8260	ND	ND	8.1	ND	ND	0.34 J	9.1	0.25 J	2.4	ND	4.9	25.09
04/21/2005	A5402201	8260	ND	ND	7.3	ND	ND	0.47 J	21	0.49 J	5.8	ND	15	50.06
07/22/2005	A5778502	8260/5ML	ND	ND	5.9	ND	ND	ND	14	ND	3.6	ND	5.5	29
10/21/2005	A5B92604	8260	ND	ND	8.7	ND	ND	ND	9.1	ND	3.7	ND	6.6	28.1
01/26/2006	A6102403	8260	ND	ND	9.1	ND	ND	0.63 J	16	0.65 J	8.1	ND	16	50.48
04/20/2006	6D21003-02	8260	ND	ND	7	ND	ND	ND	7	ND	2	ND	8	24
07/18/2006	6G19003-06	8260	ND	ND	7	ND	11 B	ND	8	ND	3	ND	5	34
10/11/2006	6J12003-04	8260	ND	ND	8	ND	ND	ND	12	ND	6	ND	9	35
01/10/2007	7A11003-03	8260	ND	ND	6	ND	ND	ND	5	ND	10	ND	6	27
04/17/2007	7D18003-04	8260	ND	ND	5	ND	ND	ND	1	ND	ND	ND	3	9
07/16/2007	7G17015-04	8260	ND	ND	7	ND	ND	ND	8	ND	5	ND	7	27
10/10/2007	7J11002-08	8260	ND	ND	6	ND	ND	ND	7	ND	4	ND	4	21
01/14/2008	8A15002-04	8260	ND	ND	7	ND	ND	ND	9	ND	5	ND	6	27
04/15/2008	8D16011-01	8260	ND	ND	5	ND	4 B	ND	4	ND	2	ND	4	19
07/28/2008	5426819	8260	ND	ND	7.7	ND	ND	ND	8.1	ND	5.2	ND	7.2	28.2
10/16/2008	5501564	8260	ND	ND	9.6	ND	ND	ND	11	ND	6.7	ND	7.5	34.8
01/15/2009	5578616	8260	ND	ND	8.3	ND	ND	ND	8.9	ND	7.4	ND	6.3	30.9
04/15/2009	5647726	8260	ND	ND	7	ND	ND	ND	5.8	ND	4.4 J	ND	5 J	22.2
07/07/2009	5718477	8260	ND	ND	8.6	ND	ND	ND	9.5	ND	5.7	ND	6.9	30.7
10/07/2009	5800386	8260	ND	ND	9	ND	ND	ND	9.3	ND	5.7	ND	9.1	33.1
01/20/2010	5888916	8260	ND	ND	10	ND	ND	ND	11	ND	6.8	ND	7.3	35.1

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.

Well	ld:	B-44M

Date	Lab Sample Id	Method	Carbon tetrachloride (ug/L)	Chloroform (ug/L)	1,1- Dichloro- ethane (ug/L)	1,1- Dichloro ethene (ug/L)	Methylene chloride (ug/L)	Trans-1,2- dichloro- ethene (ug/L)	Cis-1,2- dichloro- ethylene (ug/L)	1,1,1- Trichloro- ethane (ug/L)	Trichloro- ethene (TCE) (ug/L)	Tetrachloro- ethylene (PCE) (ug/L)	Vinyl chloride (ug/L)	Total (ug/L)
04/12/2010	5951991	8260	ND	ND	7	ND	ND	ND	5.7	ND	3.4 J	ND	6	22.1
07/14/2010	6032684	8260	ND	ND	9.3	ND	ND	ND	10	ND	5.6	ND	6.9	31.8
10/12/2010	6109757	8260	ND	ND	11	ND	ND	ND	11	ND	6.3	ND	7.9	36.2
01/25/2011	6191893	8260	ND	ND	8.8	ND	ND	ND	10	ND	5.5	ND	7.1	31.4
04/19/2011	6263084	8260	ND	ND	6.7	ND	ND	ND	2.8 J	ND	1.5 J	ND	4.3 J	15.3
07/13/2011	6343973	8260	ND	ND	11	ND	ND	ND	12	ND	5.9	ND	7.1	36
10/12/2011	6435904	8260	ND	ND	9.9	ND	ND	0.82 J	12	ND	6.1	ND	6.6	35.42
01/16/2012	6523835	8260	ND	ND	8.6	ND	ND	ND	11	ND	5.5	ND	5.7	30.8
04/09/2012	6610603	8260	ND	ND	7.2	ND	ND	ND	53	ND	68	ND	6.5	134.7
07/18/2012	6726432	8260	ND	ND	8.7	ND	ND	ND	6.5	ND	3.2 J	ND	3.7 J	22.1
10/02/2012	6810731	8260	ND	ND	9.3	ND	ND	ND	13	ND	5.2	ND	7.4	34.9
01/24/2013	6934234	8260	ND	ND	8.4	ND	ND	ND	11	ND	4.8 J	ND	4.8 J	29
04/04/2013	7011177	8260	ND	ND	6.6	ND	ND	ND	26	ND	46	ND	4.7 J	83.3

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.

Well	ld:	B-45M
***	iu.	D-40111

Date	Lab Sample Id	Method	Carbon tetrachloride (ug/L)	Chloroform (ug/L)	1,1- Dichloro- ethane (ug/L)	1,1- Dichloro ethene (ug/L)	Methylene chloride (ug/L)	Trans-1,2- dichloro- ethene (ug/L)	Cis-1,2- dichloro- ethylene (ug/L)	1,1,1- Trichloro- ethane (ug/L)	Trichloro- ethene (TCE) (ug/L)	Tetrachloro- ethylene (PCE) (ug/L)	Vinyl chloride (ug/L)	Total (ug/L)
01/18/2001	A1052404	8021	ND	1	ND	ND	ND	ND	ND	ND	ND	ND	ND	1
04/18/2001	A1361301	624	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
07/18/2001	A1682901	8021	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
10/12/2001	A1A01003	8021	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
01/15/2002	A2039404	8021	ND	ND	ND	ND	ND	0.72 J	7.3	ND	0.66 J	ND	0.24 J	8.92
04/08/2002	A2332604	8260	ND	ND	ND	ND	ND	ND	1.1	ND	ND	ND	ND	1.1
07/08/2002	A2695504	8021	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
10/03/2002	A2980606	8021	ND	ND	ND	ND	ND	ND	0.21 J	ND	0.67 J	ND	ND	0.88
01/13/2003	A3038007	8021	ND	ND	ND	ND	ND	ND	1.6	ND	0.67 J	ND	ND	2.27
04/08/2003	A3329702	8021	ND	ND	ND	ND	ND	ND	1.2	ND	ND	ND	ND	1.2
07/03/2003	A3639718	8021	ND	ND	ND	ND	ND	ND	8.8	ND	66 E	ND	ND	74.8
07/03/2003	A3639718RE	8021	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
10/10/2003	A3983802	8021	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
01/08/2004	A4026307	8021	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
04/13/2004	A4331507	8021	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
06/30/2004	A4619404	8021	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
10/22/2004	A4A47804	8021	ND	ND	ND	ND	ND	ND	1.3	ND	ND	ND	ND	1.3
01/13/2005	A5036406	8260	ND	ND	ND	ND	ND	ND	0.86 J	ND	0.7 J	ND	ND	1.56
04/05/2005	A5317608	8260	ND	ND	ND	ND	ND	ND	0.35 J	ND	ND	ND	ND	0.35
07/12/2005	A5733103	8260/5ML	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
07/20/2006	6G21005-02	8260	ND	ND	ND	ND	3	ND	ND	ND	ND	ND	ND	3
07/10/2007	7G11015-10	8260	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
07/25/2008	5426026	8260	ND	ND	ND	ND	ND	ND	ND	ND	1.3 J	ND	ND	1.3
07/14/2009	5723627	8260	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
07/13/2010	6031613	8260	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
07/19/2011	6350146	8260	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
07/12/2012	6719393	8260	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND

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.

B-46M

Well Id:

WHEATFIELD, NEW YORK

	Date	Lab Sample Id	Method	Carbon tetrachloride (ug/L)	Chloroform (ug/L)	1,1- Dichloro- ethane (ug/L)	1,1- Dichloro ethene (ug/L)	Methylene chloride (ug/L)	Trans-1,2- dichloro- ethene (ug/L)	Cis-1,2- dichloro- ethylene (ug/L)	1,1,1- Trichloro- ethane (ug/L)	Trichloro- ethene (TCE) (ug/L)	Tetrachloro- ethylene (PCE) (ug/L)	Vinyl chloride (ug/L)	Total (ug/L)
_	01/17/2001	A1052405	8021	ND	0.62 J	ND	ND	1.4 J	2.3	54	ND	2.8	ND	3.2	64.32
	04/18/2001	A1361304	624	ND	ND	ND	ND	ND	ND	5.8	ND	0.26	ND	ND	6.06
	07/18/2001	A1682905	8021	ND	ND	ND	ND	ND	0.32 J	29	ND	1.7	ND	0.61 J	31.63
	10/12/2001	A1A01004	8021	ND	ND	ND	ND	ND	0.46 J	41	ND	1.1 J	ND	2.3	44.86
	01/15/2002	A2039405	8021	ND	ND	ND	ND	ND	0.46 J	31	ND	1.3	ND	1.7 J	34.46

04/09/2002 A2332611 ND 0.28 J 0.23.1 0.88 J 62 D ND 8260 ND ND 2.7 ND 1.8 67.89 07/09/2002 A2695508 ND 52 ND ND 8021 ND ND ND 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 A3978812 10/09/2003 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 120 ND 8.7 ND 6.4 139 2.6 10/22/2004 A4A47805 8021 ND ND 0.67 J ND ND 130 D ND 9.2 ND 4.1 147.37 1.7 01/13/2005 A5036407 8260 ND ND ND ND 100 ND ND 118.2 ND 1.8 11 5.4 04/05/2005 A5317609 8260 ND ND ND ND ND ND 1.8 ND ND ND ND 1.8 A5733104 07/12/2005 ND ND 0.57 J ND ND ND ND 97.97 8260/5ML 1.6 82 8.2 5.6 07/20/2006 6G21005-01 8260 ND ND ND ND 3 59 ND 7 ND 74 4 1 07/10/2007 7G11015-11RE1 ND ND ND ND ND ND 40 8260 ND ND 33 5 2 07/25/2008 5426034 8260 ND ND ND ND ND ND 18 ND 1.2 J ND 2.7 J 21.9 07/14/2009 5723629 ND ND ND ND 3.2 J 8260 ND ND ND 28 4.3 J ND 35.5 07/13/2010 6031617 ND 8260 ND ND ND ND ND ND 29 7.7 ND 2.7 J 39.4 07/19/2011 6350138 8260 ND ND ND ND ND ND 38 ND 8.9 ND 3 J 49.9 07/12/2012 6719403 8260 ND ND ND ND ND ND 46 ND 10 ND 3.3 J 59.3

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.

Well	ld:	B-48M

Date	Lab Sample Id	Method	Carbon tetrachloride (ug/L)	Chloroform (ug/L)	1,1- Dichloro- ethane (ug/L)	1,1- Dichloro ethene (ug/L)	Methylene chloride (ug/L)	Trans-1,2- dichloro- ethene (ug/L)	Cis-1,2- dichloro- ethylene (ug/L)	1,1,1- Trichloro- ethane (ug/L)	Trichloro- ethene (TCE) (ug/L)	Tetrachloro- ethylene (PCE) (ug/L)	Vinyl chloride (ug/L)	Total (ug/L)
01/15/2001	A1041306	8021	ND	ND	ND	ND	ND	5.8	77	ND	31	ND	18	131.8
04/25/2001	A1382104	8021	ND	ND	ND	ND	ND	ND	10	ND	37	ND	ND	47
07/11/2001	A1648712	8021	ND	0.84 J	ND	ND	1.2 J	2.6	90	ND	9.6	ND	25	129.24
10/17/2001	A1A23302	8021	ND	ND	ND	ND	3.1	ND	13	ND	170	ND	ND	186.1
01/24/2002	A2076709	8021	ND	ND	ND	ND	ND	0.63 J	9.7	ND	15	ND	ND	25.33
04/15/2002	A2370204	8021	ND	ND	ND	ND	ND	0.46 J	7.8	ND	22	ND	ND	30.26
07/16/2002	A2722917	8021	ND	ND	ND	ND	ND	0.53 J	8.2	ND	25	ND	ND	33.73
10/09/2002	A2A07505	8021	ND	ND	ND	ND	ND	ND	8.2	ND	17	ND	ND	25.2
01/23/2003	A3075203	8021	ND	ND	ND	ND	ND	ND	7.9	ND	15	ND	ND	22.9
04/28/2003	A3399701	8021	ND	ND	ND	ND	ND	1	16	ND	20	ND	0.55 J	37.55
07/18/2003	A3689002	8021	ND	ND	ND	ND	ND	0.67 J	12	ND	13	ND	ND	25.67
10/22/2003	A3A28304	8021	ND	ND	ND	ND	ND	ND	10	ND	13	ND	ND	23
01/22/2004	A4057103	8021	ND	ND	ND	ND	ND	ND	3	ND	6.5	ND	ND	9.5
04/27/2004	A4387502	8021	ND	ND	ND	ND	ND	ND	3.2	ND	8.5	ND	ND	11.7
07/13/2004	A4663802	8021	ND	ND	ND	ND	ND	ND	2.6	ND	6.7	ND	ND	9.3
10/13/2004	A4A09401	8021	ND	ND	ND	ND	ND	ND	4.1	ND	6.6	ND	ND	10.7
01/12/2005	A5036102	8260	ND	ND	ND	ND	ND	ND	1.4	ND	5	ND	ND	6.4
04/21/2005	A5402002	8260	ND	ND	ND	ND	ND	ND	1	ND	4.6	ND	ND	5.6
07/21/2005	A5768402	8260/5ML	ND	ND	ND	ND	ND	ND	1.6	ND	5.6	ND	ND	7.2
10/20/2005	A5B92002	8260	ND	ND	ND	ND	ND	ND	2.3	ND	6.1	ND	ND	8.4
01/24/2006	A6089114	8260	ND	ND	ND	ND	ND	ND	0.79 J	ND	2.2	ND	ND	2.99
04/18/2006	6D19002-01	8260	ND	ND	ND	ND	2	ND	ND	ND	3	ND	ND	5
07/21/2006	6G21018-01	8260	ND	ND	ND	ND	ND	ND	2	ND	4	ND	ND	6
10/12/2006	6J16007-03RE1	8260	ND	ND	ND	ND	ND	ND	ND	ND	2	ND	ND	2
01/05/2007	7A05012-01	8260	ND	ND	ND	ND	ND	ND	ND	ND	2	ND	ND	2
04/11/2007	7D12002-01	8260	ND	ND	ND	ND	ND	ND	ND	ND	3	ND	ND	3
07/12/2007	7G13019-06	8260	ND	ND	ND	ND	ND	ND	ND	ND	2	ND	ND	2
10/11/2007	7J12012-07	8260	ND	ND	ND	ND	ND	ND	ND	ND	1	ND	ND	1
01/08/2008	8A09005-02	8260	ND	ND	ND	ND	ND	ND	ND	ND	1	ND	ND	1
04/10/2008	8D11008-04	8260	ND	ND	ND	ND	ND	ND	ND	ND	3	ND	ND	3
07/24/2008	5424628	8260	ND	ND	ND	ND	ND	ND	0.95 J	ND	2.9 J	ND	ND	3.85
10/15/2008	5499971	8260	ND	ND	ND	ND	ND	ND	1.4 J	ND	2.9 J	ND	ND	4.3
01/14/2009	5577591	8260	ND	ND	ND	ND	ND	ND	1.3 J	ND	2.7 J	ND	ND	4
04/14/2009	5646767	8260	ND	ND	ND	ND	ND	ND	1 J	ND	2.9 J	ND	ND	3.9
07/09/2009	5720681	8260	ND	ND	ND	ND	ND	ND	1.1 J	ND	2.4 J	ND	ND	3.5
10/05/2009	5797960	8260	ND	ND	ND	ND	ND	ND	0.91 J	ND	2.3 J	ND	ND	3.21
01/21/2010	5889955	8260	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND

ND - Not detected, indicates parameter was analyzed for, but not detected at or above the reporting limit.

To address the NYSDEC concerns regarding the presentation and plotting of nondetected values, the data for 2001 to 2004 has been reevaluated and interpreted as follows:

1) Nondetected concentrations have been represented as ND for reporting purposes.

2) Total VOCs have been recalculated and represented as the sum of the detected parameters shown on this table.

3) The method change to 8260 was approved by the NYSDEC and changed in January 2005.

Well	ld:	B-48M

Date	Lab Sample Id	Method	Carbon tetrachloride (ug/L)	Chloroform (ug/L)	1,1- Dichloro- ethane (ug/L)	1,1- Dichloro ethene (ug/L)	Methylene chloride (ug/L)	Trans-1,2- dichloro- ethene (ug/L)	Cis-1,2- dichloro- ethylene (ug/L)	1,1,1- Trichloro- ethane (ug/L)	Trichloro- ethene (TCE) (ug/L)	Tetrachloro- ethylene (PCE) (ug/L)	Vinyl chloride (ug/L)	Total (ug/L)
04/14/2010	5954142	8260	ND	ND	ND	ND	ND	ND	ND	ND	1.7 J	ND	ND	1.7
07/14/2010	6032690	8260	ND	ND	ND	ND	ND	ND	ND	ND	1.7 J	ND	ND	1.7
10/14/2010	6113374	8260	ND	ND	ND	ND	ND	ND	ND	ND	1.5 J	ND	ND	1.5
01/25/2011	6191898	8260	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
04/18/2011	6261654	8260	ND	ND	ND	ND	ND	ND	ND	ND	1.5 J	ND	ND	1.5
07/20/2011	6352284	8260	ND	ND	ND	ND	ND	ND	ND	ND	1.2 J	ND	ND	1.2
10/11/2011	6434705	8260	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
01/18/2012	6526474	8260	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
04/10/2012	6612012	8260	ND	ND	ND	ND	ND	ND	ND	ND	2.1 J	ND	ND	2.1
07/18/2012	6726438	8260	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
10/02/2012	6810735	8260	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
01/22/2013	6931411	8260	ND	ND	ND	ND	ND	ND	ND	ND	1.0 J	ND	ND	1
04/03/2013	7010222	8260	ND	ND	ND	ND	ND	ND	ND	ND	1.8 J	ND	ND	1.8

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.

Date	Lab Sample Id	Method	Carbon tetrachloride (ug/L)	Chloroform (ug/L)	1,1- Dichloro- ethane (ug/L)	1,1- Dichloro ethene (ug/L)	Methylene chloride (ug/L)	Trans-1,2- dichloro- ethene (ug/L)	Cis-1,2- dichloro- ethylene (ug/L)	1,1,1- Trichloro- ethane (ug/L)	Trichloro- ethene (TCE) (ug/L)	Tetrachloro- ethylene (PCE) (ug/L)	Vinyl chloride (ug/L)	Total (ug/L)
01/15/2001	A1041305	8021	ND	ND	ND	ND	ND	ND	2.2	ND	0.55 J	ND	ND	2.75
04/25/2001	A1382103	8021	ND	ND	ND	ND	ND	ND	0.72 J	ND	2.3	ND	ND	3.02
07/11/2001	A1648717	8021	ND	ND	ND	ND	ND	ND	0.74 J	ND	1.8	ND	ND	2.54
10/17/2001	A1A23301	8021	ND	ND	ND	ND	ND	ND	2.2	ND	120	ND	ND	122.2
01/24/2002	A2076706	8021	ND	ND	ND	ND	3.2	ND	ND	ND	ND	ND	ND	3.2
04/15/2002	A2370201	8021	ND	ND	ND	ND	ND	ND	ND	ND	0.45 J	ND	ND	0.45
07/15/2002	A2722904	8021	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
10/09/2002	A2A07504	8021	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
01/22/2003	A3068903	8021	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
04/23/2003	A3376303	8021	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
07/18/2003	A3689001	8021	ND	ND	ND	ND	ND	ND	ND	ND	0.31 J	ND	ND	0.31
10/22/2003	A3A21904	8021	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
01/22/2004	A4057102	8021	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
04/27/2004	A4387503	8021	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
07/13/2004	A4663803	8021	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
10/13/2004	A4A09402	8021	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
01/12/2005	A5036103	8260	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
04/21/2005	A5402003	8260	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
07/21/2005	A5768403	8260/5ML	ND	ND	ND	ND	ND	ND	0.51 J	ND	2.6	ND	ND	3.11
10/20/2005	A5B92003	8260	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
01/24/2006	A6089115	8260	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
04/18/2006	6D19002-02	8260	ND	ND	ND	ND	2	ND	ND	ND	ND	ND	ND	2
07/21/2006	6G21018-02	8260	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
10/12/2006	6J16007-04	8260	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
01/05/2007	7A05012-02	8260	ND	ND	ND	ND	5 B	ND	ND	ND	ND	ND	ND	5
04/11/2007	7D12002-02	8260	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
07/12/2007	7G13019-09	8260	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
10/11/2007	7J12012-08	8260	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
01/08/2008	8A09005-03	8260	ND	ND	ND	ND	ND	ND	ND	ND	1	ND	ND	1
04/10/2008	8D11008-05	8260	ND	ND	ND	ND	2	ND	ND	ND	ND	ND	ND	2
07/16/2008	5417445	8260	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
10/15/2008	5499972	8260	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
01/14/2009	5577588	8260	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
04/14/2009	5646768	8260	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
07/09/2009	5720679	8260	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
10/05/2009	5797959	8260	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
01/21/2010	5889957	8260	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND

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.

Well Id. D-49W	Well	ld:	B-49M
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Date	Lab Sample Id	Method	Carbon tetrachloride (ug/L)	Chloroform (ug/L)	1,1- Dichloro- ethane (ug/L)	1,1- Dichloro ethene (ug/L)	Methylene chloride (ug/L)	Trans-1,2- dichloro- ethene (ug/L)	Cis-1,2- dichloro- ethylene (ug/L)	1,1,1- Trichloro- ethane (ug/L)	Trichloro- ethene (TCE) (ug/L)	Tetrachloro- ethylene (PCE) (ug/L)	Vinyl chloride (ug/L)	Total (ug/L)
04/14/2010	5954141	8260	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
07/14/2010	6032691	8260	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
10/14/2010	6113375	8260	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
01/25/2011	6191901	8260	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
04/18/2011	6261655	8260	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
07/20/2011	6352287	8260	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
10/11/2011	6434706	8260	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
01/17/2012	6524428	8260	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
04/11/2012	6613965	8260	ND	ND	ND	ND	ND	ND	ND	ND	1.8 J	ND	ND	1.8
07/18/2012	6726440	8260	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
10/02/2012	6810736	8260	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
01/22/2013	6931412	8260	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
04/03/2013	7010223	8260	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND

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.

WHEATFIELD, NEW YORK

Well Id:	B-50M													
Date	Lab Sample Id	Method	Carbon tetrachloride (ug/L)	Chloroform (ug/L)	1,1- Dichloro- ethane (ug/L)	1,1- Dichloro ethene (ug/L)	Methylene chloride (ug/L)	Trans-1,2- dichloro- ethene (ug/L)	Cis-1,2- dichloro- ethylene (ug/L)	1,1,1- Trichloro- ethane (ug/L)	Trichloro- ethene (TCE) (ug/L)	Tetrachloro- ethylene (PCE) (ug/L)	Vinyl chloride (ug/L)	Total (ug/L)
01/16/2001	A1043903	8021	ND	ND	ND	ND	ND	ND	1.7	ND	5.8	ND	ND	7.5
04/17/2001	A1345703	624	ND	ND	ND	ND	ND	ND	ND	ND	8.6	ND	ND	8.6
07/13/2001	A1663810	8021	ND	ND	ND	ND	ND	ND	0.32 J	ND	6	ND	ND	6.32
10/10/2001	A1994704	8021	ND	ND	ND	ND	ND	ND	0.38 J	ND	6.1	ND	ND	6.48
01/22/2002	A2066011RE	8021	ND	ND	ND	ND	ND	ND	2.2	ND	10	ND	ND	12.2
04/11/2002	A2348303	8021	ND	ND	ND	ND	ND	ND	4.7	ND	16	ND	ND	20.7
07/12/2002	A2713908	8021	ND	ND	ND	ND	ND	ND	7.2	ND	19	ND	ND	26.2
10/08/2002	A2999310	8021	ND	ND	ND	ND	ND	0.26 J	6	ND	10	ND	ND	16.26
01/20/2003	A3060802	8021	ND	ND	ND	ND	ND	ND	1.9	ND	9.8	ND	ND	11.7
04/29/2003	A3398703	8021	ND	ND	ND	ND	ND	ND	2.4	ND	18	ND	ND	20.4
07/16/2003	A3683702	8021	ND	ND	ND	ND	ND	0.2 J	3.6	ND	14	ND	ND	17.8
10/16/2003	A3A09001	8021	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
04/23/2004	A4373002	8021	ND	ND	ND	ND	ND	ND	23	ND	28	ND	ND	51
07/20/2004	A4682801	8021	ND	ND	ND	ND	ND	ND	20 E	ND	30 E	ND	ND	50
07/20/2004	A4682801	8260	ND	ND	ND	ND	ND	0.98 J	19	ND	34	ND	0.92 J	54.9
10/22/2004	A4A48002	8021	ND	ND	ND	ND	ND	0.87 J	23	ND	32	ND	0.59 J	56.46
01/17/2005	A5044301	8260	ND	ND	ND	ND	ND	0.67 J	12	ND	27	ND	ND	39.67
04/19/2005	A5387501	8260	ND	ND	ND	ND	ND	1.1	16	ND	56 E	ND	ND	73.1
04/19/2005	A5387501DL	8260	ND	ND	ND	ND	ND	1.1 D	15 D	ND	55 D	ND	ND	71.1
07/22/2005	A5778501	8260/5ML	ND	ND	ND	ND	ND	1.2	15	ND	51	ND	ND	67.2
07/18/2006	6G19003-11RE1	8260	ND	ND	ND	ND	ND	ND	14	ND	44	ND	ND	58
07/12/2007	7G13019-01	8260	ND	ND	ND	ND	ND	ND	19	ND	69	ND	ND	88
07/22/2008	5422168	8260	ND	ND	ND	ND	ND	1.6 J	25	ND	91	ND	ND	117.6
07/09/2009	5720686	8260	ND	ND	ND	ND	ND	ND	9.2	ND	51	ND	ND	60.2
07/20/2010	6038215	8260	ND	ND	ND	ND	ND	0.9 J	10	ND	49	ND	ND	59.9
07/21/2011	6353676	8260	ND	ND	ND	ND	ND	1 J	13	ND	53	ND	ND	67

8260

ND

ND

ND

1.1 J

13

ND

58

ND

ND

72.1

6723847

07/17/2012

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.

Well I	q.	B-51M

Date	Lab Sample Id	Method	Carbon tetrachloride (ug/L)	Chloroform (ug/L)	1,1- Dichloro- ethane (ug/L)	1,1- Dichloro ethene (ug/L)	Methylene chloride (ug/L)	Trans-1,2- dichloro- ethene (ug/L)	Cis-1,2- dichloro- ethylene (ug/L)	1,1,1- Trichloro- ethane (ug/L)	Trichloro- ethene (TCE) (ug/L)	Tetrachloro- ethylene (PCE) (ug/L)	Vinyl chloride (ug/L)	Total (ug/L)
01/16/200	01 A1043904	8021	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
04/17/200	01 A1345701	624	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
07/13/200	01 A1663815	8021	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
10/10/200	01 A1994705	8021	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
01/17/200	02 A2058503	8021	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
04/09/200	02 A2332610	8260	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
07/10/200	02 A2708307	8021	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
10/03/200	02 A2980613	8021	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
01/15/200	03 A3043009	8021	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
04/17/200	03 A3361703	8021	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
07/15/200	03 A3670610	8021	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
10/16/200	03 A3A08902	8021	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
04/21/200	04 A4356905	8021	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
07/20/200	04 A4682901	8021	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
10/21/200	04 A4A47807	8021	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
04/22/200	05 A5402102	8260	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
07/22/200	05 A5778403	8260/5ML	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
07/18/200	06 6G19003-12	8260	ND	ND	ND	ND	4 B	ND	ND	ND	ND	ND	ND	4
07/11/200	07 7G12003-08	8260	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
07/22/200	08 5422169	8260	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
07/09/200	09 5720688	8260	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND

ND - Not detected, indicates parameter was analyzed for, but not detected at or above the reporting limit.

To address the NYSDEC concerns regarding the presentation and plotting of nondetected values, the data for 2001 to 2004 has been reevaluated and interpreted as follows:

1) Nondetected concentrations have been represented as ND for reporting purposes.

2) Total VOCs have been recalculated and represented as the sum of the detected parameters shown on this table.

3) The method change to 8260 was approved by the NYSDEC and changed in January 2005.

Well	ld:	B-52M

Date	Lab Sample Id	Method	Carbon tetrachloride (ug/L)	Chloroform (ug/L)	1,1- Dichloro- ethane (ug/L)	1,1- Dichloro ethene (ug/L)	Methylene chloride (ug/L)	Trans-1,2- dichloro- ethene (ug/L)	Cis-1,2- dichloro- ethylene (ug/L)	1,1,1- Trichloro- ethane (ug/L)	Trichloro- ethene (TCE) (ug/L)	Tetrachloro- ethylene (PCE) (ug/L)	Vinyl chloride (ug/L)	Total (ug/L)
01/18/2001	A1052402	8021	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
04/17/2001	A1345706	624	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
07/16/2001	A1674107	8021	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
10/16/2001	A1A17407	8021	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
01/17/2002	A2058504	8021	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
04/16/2002	A2369802	8021	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
07/11/2002	A2708308	8021	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
10/11/2002	A2A14501	8021	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
01/16/2003	A3056005	8021	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
04/07/2003	A3320705	8021	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
07/02/2003	A3639702	8021	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
10/10/2003	A3983801	8021	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
04/13/2004	A4331508	8021	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
06/30/2004	A4619401	8021	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
10/22/2004	A4A47803	8021	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
01/13/2005	A5036408	8260	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
04/06/2005	A5317601	8260	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
07/07/2005	A5706804	8260	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
07/19/2006	6G20004-04	8260	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
07/12/2007	7G13019-02	8260	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
07/22/2008	5422160	8260	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
07/09/2009	5720691	8260	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
07/20/2010	6038217	8260	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
07/21/2011	6353671	8260	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
07/17/2012	6723842	8260	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND

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.

Well	ld.	B-53M

Date	Lab Sample Id	Method	Carbon tetrachloride (ug/L)	Chloroform (ug/L)	1,1- Dichloro- ethane (ug/L)	1,1- Dichloro ethene (ug/L)	Methylene chloride (ug/L)	Trans-1,2- dichloro- ethene (ug/L)	Cis-1,2- dichloro- ethylene (ug/L)	1,1,1- Trichloro- ethane (ug/L)	Trichloro- ethene (TCE) (ug/L)	Tetrachloro- ethylene (PCE) (ug/L)	Vinyl chloride (ug/L)	Total (ug/L)
01/18/2001	A1052403	8021	ND	ND	ND	ND	ND	ND	0.44 J	ND	4.6	ND	ND	5.04
04/17/2001	A1345705	624	ND	ND	ND	ND	ND	ND	ND	ND	5.8	ND	ND	5.8
07/16/2001	A1674105	8021	ND	ND	ND	ND	ND	ND	0.2 J	ND	3.8	ND	ND	4
10/16/2001	A1A17408	8021	ND	ND	ND	ND	ND	ND	0.32 J	ND	7.1	ND	ND	7.42
01/22/2002	A2066010	8021	ND	ND	ND	ND	ND	ND	ND	ND	3.8	ND	ND	3.8
04/17/2002	A2378403	8021	ND	ND	ND	ND	ND	ND	1.4	ND	4.2	ND	ND	5.6
07/12/2002	A2713905	8021	ND	ND	ND	ND	ND	ND	1.6	ND	5.1	ND	ND	6.7
10/11/2002	A2A14601	8021	ND	ND	ND	ND	ND	ND	1.6	ND	12	ND	ND	13.6
01/20/2003	A3060803	8021	ND	ND	ND	ND	ND	ND	1.4	ND	7.4	ND	ND	8.8
04/09/2003	A3329508	8021	ND	ND	ND	ND	ND	ND	1.6	ND	11	ND	ND	12.6
07/08/2003	A3649107	8021	ND	ND	ND	ND	ND	ND	0.6 J	ND	8	ND	ND	8.6
10/13/2003	A3991404	8021	ND	ND	ND	ND	ND	ND	1.2	ND	7.6	ND	ND	8.8
04/13/2004	A4331801	8021	ND	ND	ND	ND	ND	ND	2.6	ND	4.9	ND	ND	7.5
07/07/2004	A4636501	8021	ND	ND	ND	ND	ND	ND	2.5	ND	4.6	ND	ND	7.1
10/22/2004	A4A48003	8021	ND	ND	ND	ND	ND	ND	1.9	ND	9.8	ND	ND	11.7
01/13/2005	A5036205	8260	ND	ND	ND	ND	ND	ND	2.1	ND	3.5	ND	1 J	6.6
04/06/2005	A5317805	8260	ND	ND	ND	ND	ND	ND	1.8	ND	2.1	ND	ND	3.9
07/07/2005	A5706901	8260/5ML	ND	ND	ND	ND	ND	ND	1.9	ND	1.8	ND	ND	3.7
07/19/2006	6G20004-03	8260	ND	ND	ND	ND	ND	ND	2	ND	2	ND	ND	4
07/12/2007	7G13019-03	8260	ND	ND	ND	ND	ND	ND	2	ND	2	ND	ND	4
07/22/2008	5422161	8260	ND	ND	ND	ND	ND	ND	6.9	ND	26	ND	ND	32.9
07/09/2009	5720692	8260	ND	ND	ND	ND	ND	ND	2.9 J	ND	9.4	ND	ND	12.3
07/20/2010	6038218	8260	ND	ND	ND	ND	ND	ND	1.7 J	ND	13	ND	ND	14.7
04/13/2011	6258129	8260	ND	ND	ND	ND	ND	ND	3 J	ND	16	ND	ND	19
07/21/2011	6353670	8260	ND	ND	ND	ND	ND	ND	2 J	ND	9.3	ND	ND	11.3
07/17/2012	6723845	8260	ND	ND	ND	ND	ND	ND	3.0 J	ND	12	ND	ND	15

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.

Well	ld:	B-54M

Date	Lab Sample Id	Method	Carbon tetrachloride (ug/L)	Chloroform (ug/L)	1,1- Dichloro- ethane (ug/L)	1,1- Dichloro ethene (ug/L)	Methylene chloride (ug/L)	Trans-1,2- dichloro- ethene (ug/L)	Cis-1,2- dichloro- ethylene (ug/L)	1,1,1- Trichloro- ethane (ug/L)	Trichloro- ethene (TCE) (ug/L)	Tetrachloro- ethylene (PCE) (ug/L)	Vinyl chloride (ug/L)	Total (ug/L)
01/22/2001	A1063401	8021	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
04/18/2001	A1361305	624	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
07/16/2001	A1674104	8021	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
10/11/2001	A1994708	8021	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
01/15/2002	A2039406	8021	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
04/08/2002	A2332605	8260	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
07/09/2002	A2695506	8021	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
10/03/2002	A2980604	8021	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
01/14/2003	A3043001	8021	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
04/08/2003	A3320707	8021	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
07/08/2003	A3649205	8021	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
10/10/2003	A3983805	8021	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
04/13/2004	A4331509	8021	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
06/30/2004	A4619402	8021	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
10/22/2004	A4A47802	8021	ND	ND	ND	ND	0.58 J	ND	ND	ND	ND	ND	ND	0.58
01/17/2005	A5043901	8260	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
04/06/2005	A5317602	8260	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
07/07/2005	A5706803	8260	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
07/19/2006	6G20004-08	8260	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
07/12/2007	7G13019-04	8260	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
07/22/2008	5422162	8260	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
07/09/2009	5720689	8260	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
07/22/2010	6040538	8260	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
07/21/2011	6353669	8260	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
07/17/2012	6723846	8260	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND

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.

Well	ld.	B-55M

Date	Lab Sample Id	Method	Carbon tetrachloride (ug/L)	Chloroform (ug/L)	1,1- Dichloro- ethane (ug/L)	1,1- Dichloro ethene (ug/L)	Methylene chloride (ug/L)	Trans-1,2- dichloro- ethene (ug/L)	Cis-1,2- dichloro- ethylene (ug/L)	1,1,1- Trichloro- ethane (ug/L)	Trichloro- ethene (TCE) (ug/L)	Tetrachloro- ethylene (PCE) (ug/L)	Vinyl chloride (ug/L)	Total (ug/L)
01/22/2001	A1063402	8021	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
04/18/2001	A1361302	624	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
07/16/2001	A1674103	8021	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
10/11/2001	A1994707	8021	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
01/15/2002	A2039407	8021	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
04/09/2002	A2332607	8260	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
07/09/2002	A2695512	8021	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
10/03/2002	A2980605	8021	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
01/14/2003	A3043002	8021	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
04/08/2003	A3320706	8021	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
07/08/2003	A3649206	8021	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
10/10/2003	A3983804	8021	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
04/13/2004	A4331510	8021	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
06/30/2004	A4619403	8021	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
10/22/2004	A4A47801	8021	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
01/17/2005	A5043902	8260	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
04/06/2005	A5317603	8260	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
07/07/2005	A5706802	8260	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
07/19/2006	6G20004-09	8260	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
07/12/2007	7G13019-05	8260	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
07/22/2008	5422163	8260	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
07/09/2009	5720690	8260	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
07/22/2010	6040537	8260	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
07/21/2011	6353668	8260	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
07/17/2012	6723848	8260	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND

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.

Well	ld:	B-56M

Date	Lab Sample Id	Method	Carbon tetrachloride (ug/L)	Chloroform (ug/L)	1,1- Dichloro- ethane (ug/L)	1,1- Dichloro ethene (ug/L)	Methylene chloride (ug/L)	Trans-1,2- dichloro- ethene (ug/L)	Cis-1,2- dichloro- ethylene (ug/L)	1,1,1- Trichloro- ethane (ug/L)	Trichloro- ethene (TCE) (ug/L)	Tetrachloro- ethylene (PCE) (ug/L)	Vinyl chloride (ug/L)	Total (ug/L)
01/17/2001	A1052409	8021	ND	1	0.48 J	ND	0.56 J	2.7	71	ND	28	ND	2.4	106.14
04/16/2001	A1345803	624	ND	ND	0.46 J ND	ND	0.30 J ND	ND	18	ND	27	ND	ND	45
07/16/2001	A1674111	8021	ND	2.1	0.51 J	ND	1 J	2	95	ND	46	ND	ND	146.61
10/11/2001	A1994710	8021	ND	ND	ND	ND	ND	0.74 J	43	ND	31 D	ND	ND	74.74
01/24/2002	A2076708	8021	ND	2.3	ND	ND	2.5	ND	63	ND	280	ND	ND	347.8
04/15/2002	A2370203	8021	ND	ND	ND	ND	ND	ND	9.8	ND	44	ND	ND	53.8
07/16/2002	A2722905	8021	ND	ND	ND	ND	3	ND	16	ND	74	ND	ND	93
10/09/2002	A2A07502	8021	ND	ND	ND	ND	ND	ND	9.5	ND	39	ND	ND	48.5
01/23/2003	A3075202	8021	ND	ND	ND	ND	ND	ND	86	6.6	150	ND	ND	242.6
04/15/2003	A3356603	8021	ND	ND	ND	ND	86	1.4	29	1	80	ND	ND	197.4
07/21/2003	A3699403	8021	ND	ND	ND	ND	ND	ND	29	ND	71	ND	ND	100
10/21/2003	A3A21901	8021	ND	ND	ND	ND	2.3 J	ND	48	ND	110	ND	ND	160.3
01/28/2004	A4077601	8021	ND	ND	ND	ND	ND	1.7	52	ND	200	ND	ND	253.7
04/21/2004	A4356601	8021	ND	ND	ND	ND	1.8 J	ND	16	ND	68	ND	ND	85.8
07/21/2004	A4687102	8260	ND	ND	ND	ND	5.1	ND	19	ND	110	ND	ND	134.1
10/20/2004	A4A32302	8021	ND	ND	ND	ND	ND	ND	16	ND	84	ND	ND	100
01/13/2005	A5036107	8260	ND	ND	ND	ND	ND	1.1	22	0.64 J	160 E	ND	ND	183.74
01/13/2005	A5036107DL	8260							17 D		110 D			127
04/22/2005	A5402001	8260	ND	ND	ND	ND	ND	0.7 J	9.9	ND	63	ND	ND	73.6
07/19/2005	A5762301	8260/5ML	ND	ND	ND	ND	ND	0.95 J	14	ND	78	ND	ND	92.95
10/20/2005	A5B91901	8260	ND	ND	ND	ND	ND	1.5	20	0.56 J	100 E	ND	0.63 J	122.69
10/20/2005	A5B91901DL	8260	ND	ND	ND	ND	3 BD	ND	19 D	ND	82 D	ND	ND	104
01/23/2006	A6084703	8260	ND	ND	ND	ND	ND	1	17	ND	100 E	ND	ND	118
01/23/2006	A6084703DL	8260	ND	3.4 D	ND	ND	1.2 DJ	0.97 DJ	16 D	ND	94 D	ND	ND	115.57
04/12/2006	6D13005-07	8260	ND	ND	ND	ND	ND	ND	7	ND	40	ND	ND	47
07/19/2006	6G20004-05	8260	ND	ND	ND	ND	ND	ND	13	ND	74	ND	ND	87
10/10/2006	6J11002-04	8260	ND	ND	ND	ND	ND	ND	9	ND	35	ND	ND	44
01/08/2007	7A09003-03	8260	ND	ND	ND	ND	ND	ND	3	ND	13	ND	ND	16
04/04/2007	7D05011-03	8260	ND	ND	ND	ND	ND	ND	1	ND	8	ND	ND	9
07/11/2007	7G12003-04	8260	ND	ND	ND	ND	ND	ND	3	ND	16	ND	ND	19
10/10/2007	7J11002-06	8260	ND	ND	ND	ND	2 B	ND	6	ND	27	ND	ND	35
01/08/2008	8A09005-07	8260	ND	ND	1	ND	4	ND	23	2	60	ND	ND	90
04/07/2008	8D08002-04	8260	ND	ND	ND	ND	ND	ND	6	ND	20	ND	ND	26
07/28/2008	5426818	8260	ND	ND	ND	ND	ND	ND	6.9	ND	19	ND	ND	25.9
10/17/2008	5502675	8260	ND	ND	2 J	ND	ND	1.4 J	41	2 J	110	ND	1.2 J	157.6
01/13/2009	5576512	8260	ND	ND	1 J	ND	ND	ND	23	1.3 J	73	ND	ND	98.3
04/13/2009	5647712	8260	ND	ND	ND	ND	ND	ND	17	ND	64	ND	ND	81

ND - Not detected, indicates parameter was analyzed for, but not detected at or above the reporting limit.

To address the NYSDEC concerns regarding the presentation and plotting of nondetected values, the data for 2001 to 2004 has been reevaluated and interpreted as follows:

1) Nondetected concentrations have been represented as ND for reporting purposes.

2) Total VOCs have been recalculated and represented as the sum of the detected parameters shown on this table.

3) The method change to 8260 was approved by the NYSDEC and changed in January 2005.

B-56M

6605298

6719398

6812007

6932574

7015029

8260

8260

8260

8260

8260

ND

1.8 J

ND

ND

Well Id:

04/03/2012

07/12/2012

10/03/2012

01/23/2013

04/08/2013

WHEATFIELD, NEW YORK

ND

ND

ND

ND

ND

ND

ND

2.0 J

ND

ND

74

60

216.2

307.17

137.97

Date	Lab Sample Id	Method	Carbon tetrachloride (ug/L)	Chloroform (ug/L)	1,1- Dichloro- ethane (ug/L)	1,1- Dichloro ethene (ug/L)	Methylene chloride (ug/L)	Trans-1,2- dichloro- ethene (ug/L)	Cis-1,2- dichloro- ethylene (ug/L)	1,1,1- Trichloro- ethane (ug/L)	Trichloro- ethene (TCE) (ug/L)	Tetrachloro- ethylene (PCE) (ug/L)	Vinyl chloride (ug/L)	Total (ug/L)
07/15/2009	5724675	8260	ND	ND	ND	ND	ND	0.87 J	21	ND	82	ND	ND	103.87
10/05/2009	5797969	8260	ND	ND	ND	ND	ND	ND	17	ND	72	ND	ND	89
01/21/2010	5889952	8260	ND	ND	ND	ND	ND	ND	5.3	ND	32	ND	ND	37.3
04/06/2010	5946902	8260	ND	ND	ND	ND	ND	ND	16	ND	97	ND	ND	113
07/20/2010	6038213	8260	ND	ND	ND	ND	ND	1.1 J	25	0.91 J	150	ND	ND	177.01
10/18/2010	6115540	8260	ND	ND	3.1 J	0.89 J	ND	2.4 J	62	2.5 J	290	ND	3.2 J	364.09
01/26/2011	6192952	8260	ND	ND	2.7 J	0.94 J	ND	2.7 J	77	3.1 J	300	ND	1.5 J	387.94
04/13/2011	6258128	8260	ND	ND	ND	ND	ND	1.3 J	34	1.1 J	180	ND	ND	216.4
07/19/2011	6350139	8260	ND	ND	ND	ND	ND	1.1 J	23	ND	140	ND	ND	164.1
10/13/2011	6437684	8260	ND	ND	2.8 J	ND	ND	2.6 J	69	2.0 J	240	ND	1.9 J	318.3
01/17/2012	6524416	8260	ND	ND	ND	ND	ND	0.83 J	21	ND	160	ND	ND	181.83

ND

ND

ND

ND

ND

ND

1.2 J

1.7 J

ND

0.97 J

10

25

200

15

27

ND

ND

1.7 J

ND

ND

64

190

99

45

110

ND

ND

0.97 J

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.

WHEATFIELD, NEW YORK

Well Id: B-57M

weii ia:	B-3/IVI													
Date	Lab Sample Id	Method	Carbon tetrachloride (ug/L)	Chloroform (ug/L)	1,1- Dichloro- ethane (ug/L)	1,1- Dichloro ethene (ug/L)	Methylene chloride (ug/L)	Trans-1,2- dichloro- ethene (ug/L)	Cis-1,2- dichloro- ethylene (ug/L)	1,1,1- Trichloro- ethane (ug/L)	Trichloro- ethene (TCE) (ug/L)	Tetrachloro- ethylene (PCE) (ug/L)	Vinyl chloride (ug/L)	Total (ug/L)
01/18/2001	A1052407	8021	ND	ND	ND	ND	ND	ND	3.2	ND	1.5	ND	ND	4.7
04/16/2001	A1345802	624	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
07/16/2001	A1674108	8021	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
10/11/2001	A1994709	8021	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
01/18/2002	A2058507	8021	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
04/10/2002	A2347903	8260	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
07/11/2002	A2708309	8021	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
10/04/2002	A2986404	8021	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
01/16/2003	A3056003	8021	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
04/07/2003	A3320703	8021	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
07/08/2003	A3649203	8021	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
10/09/2003	A3978811	8021	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
04/20/2004	A4356901	8021	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
07/13/2004	A4664210	8021	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
10/25/2004	A4A54102	8021	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
01/13/2005	A5036403	8260	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
04/06/2005	A5317604	8260	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
07/12/2005	A5733101	8260/5ML	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
10/05/2005	A5B10501	8260	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
01/23/2006	A6084704	8260	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
04/12/2006	6D13005-08	8260	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
07/19/2006	6G20004-01	8260	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
10/10/2006	6J11002-05	8260	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
01/08/2007	7A09003-04	8260	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
04/04/2007	7D05011-04	8260	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
07/11/2007	7G12003-05	8260	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
10/10/2007	7J11002-04	8260	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
01/08/2008	8A09005-08	8260	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
04/07/2008	8D08002-03	8260	ND	ND	ND	ND	3 B	ND	ND	ND	ND	ND	ND	3
07/28/2008	5426820	8260	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
10/17/2008	5502678	8260	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
01/13/2009	5576515	8260	ND	ND	ND	ND	ND	ND	ND	ND	1.6 J	ND	ND	1.6
04/13/2009	5647716	8260	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
07/15/2009	5724674	8260	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
10/05/2009	5797968	8260	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
01/21/2010	5889951	8260	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
04/06/2010	5946908	8260	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND

ND - Not detected, indicates parameter was analyzed for, but not detected at or above the reporting limit.

To address the NYSDEC concerns regarding the presentation and plotting of nondetected values, the data for 2001 to 2004 has been reevaluated and interpreted as follows:

1) Nondetected concentrations have been represented as ND for reporting purposes.

2) Total VOCs have been recalculated and represented as the sum of the detected parameters shown on this table.

3) The method change to 8260 was approved by the NYSDEC and changed in January 2005.

Well	ld:	B-57M

Date	Lab Sample Id	Method	Carbon tetrachloride (ug/L)	Chloroform (ug/L)	1,1- Dichloro- ethane (ug/L)	1,1- Dichloro ethene (ug/L)	Methylene chloride (ug/L)	Trans-1,2- dichloro- ethene (ug/L)	Cis-1,2- dichloro- ethylene (ug/L)	1,1,1- Trichloro- ethane (ug/L)	Trichloro- ethene (TCE) (ug/L)	Tetrachloro- ethylene (PCE) (ug/L)	Vinyl chloride (ug/L)	Total (ug/L)
 07/20/2010	6038208	8260	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
10/18/2010	6115539	8260	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
01/26/2011	6192953	8260	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
04/13/2011	6258125	8260	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
07/19/2011	6350145	8260	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
10/13/2011	6437687	8260	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
01/17/2012	6524415	8260	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
04/03/2012	6605299	8260	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
07/12/2012	6719395	8260	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
10/03/2012	6812010	8260	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
01/23/2013	6932573	8260	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
04/08/2013	7015030	8260	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND

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.

Well Id: B-58N	ı
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77011141	2 00		Carbon		1,1- Dichloro-	1,1- Dichloro	Methylene	Trans-1,2- dichloro-	Cis-1,2- dichloro-	1,1,1- Trichloro-	Trichloro- ethene	Tetrachloro- ethylene	Vinyl	
Date	Lab Sample Id	Method	tetrachloride (ug/L)	Chloroform (ug/L)	ethane (ug/L)	ethene (ug/L)	chloride (ug/L)	ethene (ug/L)	ethylene (ug/L)	ethane (ug/L)	(TCE) (ug/L)	(PCE) (ug/L)	chloride (ug/L)	Total (ug/L)
01/17/2001	A1052408	8021	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
04/16/2001	A1345801	624	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
07/16/2001	A1674110	8021	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
10/12/2001	A1A01002	8021	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
01/18/2002	A2058508	8021	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
04/10/2002	A2347904	8260	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
07/11/2002	A2708310	8021	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
10/04/2002	A2986405	8021	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
01/16/2003	A3056004	8021	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
04/07/2003	A3320704	8021	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
07/08/2003	A3649204	8021	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
10/09/2003	A3978813	8021	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
04/20/2004	A4356902	8021	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
07/13/2004	A4664211	8021	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
10/25/2004	A4A54103	8021	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
01/13/2005	A5036404	8260	ND	ND	ND	ND	ND	ND	ND	ND	1.5	ND	ND	1.5
04/06/2005	A5317605	8260	ND	ND	ND	ND	ND	ND	ND	ND	0.69 J	ND	ND	0.69
07/12/2005	A5733102	8260/5ML	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
07/19/2006	6G20004-02	8260	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
07/11/2007	7G12003-06	8260	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
07/28/2008	5426822	8260	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
07/15/2009	5724673	8260	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
07/20/2010	6038214	8260	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
07/19/2011	6350142	8260	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
07/12/2012	6719394	8260	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND

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.

07/08/2009

07/19/2010

04/13/2011

07/12/2011

07/11/2012

5719627

6036152

6258124

6342643

6717359

WHEATFIELD, NEW YORK

Well Id:	B-59M													
Date	Lab Sample Id	Method	Carbon tetrachloride (ug/L)	Chloroform (ug/L)	1,1- Dichloro- ethane (ug/L)	1,1- Dichloro ethene (ug/L)	Methylene chloride (ug/L)	Trans-1,2- dichloro- ethene (ug/L)	Cis-1,2- dichloro- ethylene (ug/L)	1,1,1- Trichloro- ethane (ug/L)	Trichloro- ethene (TCE) (ug/L)	Tetrachloro- ethylene (PCE) (ug/L)	Vinyl chloride (ug/L)	Total (ug/L)
07/17/2002	A2732710	8021	ND	ND	ND	ND	ND	ND	ND	ND	2.5	ND	ND	2.5
08/05/2002	A2793604	8021	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
10/07/2002	A2999201	8021	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
01/16/2003	A3056008	8021	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
04/17/2003	A3361701	8021	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
07/14/2003	A3670605	8021	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
10/14/2003	A3998703	8021	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
01/07/2004	A4012312	8021	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
04/22/2004	A4372901	8021	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
07/14/2004	A4664202	8021	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
10/15/2004	A4A20702	8021	ND	ND	ND	ND	ND	ND	ND	ND	0.79 J	ND	ND	0.79
01/19/2005	A5050901	8260	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
04/25/2005	A5408101	8260	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
07/20/2005	A5762204	8260/5ML	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
07/19/2006	6G20004-14RE1	8260	ND	ND	ND	ND	4	ND	3	ND	3	ND	ND	10
07/17/2007	7G18027-09	8260	ND	ND	ND	ND	ND	1	4	ND	3	ND	ND	8
07/21/2008	5420892	8260	ND	ND	ND	ND	ND	0.8 J	1.1 J	ND	ND	ND	ND	1.9

ND

ND

ND

ND

ND

ND

2.2 J

ND

ND

ND

ND

6.9

1.2 J

ND

3.4 J

ND

3 J

ND

ND

2.7 J

ND

12.1

1.2

ND

6.1

8260

8260

8260

8260

8260

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.

Well	ld:	B-60M

·	von iu.	D 00111		Carbon		1,1- Dichloro-	1,1- Dichloro	Methylene	Trans-1,2- dichloro-	Cis-1,2- dichloro-	1,1,1- Trichloro-	Trichloro- ethene	Tetrachloro- ethylene	Vinyl	
	Date	Lab Sample Id	Method	tetrachloride (ug/L)	Chloroform (ug/L)	ethane (ug/L)	ethene (ug/L)	chloride (ug/L)	ethene (ug/L)	ethylene (ug/L)	ethane (ug/L)	(TCE) (ug/L)	(PCE) (ug/L)	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
08/0	05/2002	A2793610	8021	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
10/0	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
01/0	08/2004	A4026302	8021	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
04/2	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
10/2	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
04/2	22/2005	A5402103	8260	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
07/2	20/2005	A5762205	8260/5ML	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
07/	19/2006	6G20004-10	8260	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
07/	17/2007	7G18027-06	8260	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
07/2	21/2008	5420895	8260	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
07/0	08/2009	5719625	8260	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
07/	19/2010	6036153	8260	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
07/	12/2011	6342644	8260	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
07/	11/2012	6717358	8260	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND

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.

well ia:	B-61M								
			1,1-	1,1-		Trans-1,2-	Cis-1,2-	1,1,1-	Tr
		Carbon	Dichloro-	Dichloro	Methylene	dichloro-	dichloro-	Trichloro-	•

Well Id.	D-01W				1,1-	1,1-		Trans-1,2-	Cis-1,2-	1,1,1-	Trichloro-	Tetrachloro-		
Date	Lab Sample Id	Method	Carbon tetrachloride (ug/L)	Chloroform (ug/L)	Dichloro- ethane (ug/L)	Dichloro ethene (ug/L)	Methylene chloride (ug/L)	dichloro- ethene (ug/L)	dichloro- ethylene (ug/L)	Trichloro- ethane (ug/L)	ethene (TCE) (ug/L)	ethylene (PCE) (ug/L)	Vinyl chloride (ug/L)	Total (ug/L)
07/18/2002	A2732705	8021	ND	5	ND	ND	ND	ND	4.8	ND	26	ND	ND	35.8
08/05/2002	A2793611	8021	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
10/03/2002	A2980612	8021	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
01/16/2003	A3056007	8021	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
04/14/2003	A3347501	8021	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
07/14/2003	A3670603	8021	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
10/14/2003	A3998701	8021	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
01/08/2004	A4026301	8021	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
04/22/2004	A4372902	8021	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
07/14/2004	A4664206	8021	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
10/20/2004	A4A32104	8021	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
01/19/2005	A5050903	8260	ND	ND	ND	ND	ND	ND	ND	ND	0.3 J	ND	ND	0.3
04/25/2005	A5408102	8260	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
07/20/2005	A5762206	8260/5ML	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
07/19/2006	6G20004-11	8260	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
07/17/2007	7G18027-07	8260	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
07/21/2008	5420896	8260	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
07/08/2009	5719626	8260	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
07/19/2010	6036154	8260	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
07/12/2011	6342645	8260	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
07/11/2012	6717357	8260	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND

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.

B-62M

7G18027-03

5418423

5719616

6040536

6357495

6716076

8260

8260

8260

8260

8260

8260

ND

Well Id:

07/17/2007

07/17/2008

07/08/2009

07/22/2010

07/26/2011

07/10/2012

WHEATFIELD, NEW YORK

Date	Lab Sample Id	Method	Carbon tetrachloride (ug/L)	Chloroform (ug/L)	1,1- Dichloro- ethane (ug/L)	1,1- Dichloro ethene (ug/L)	Methylene chloride (ug/L)	Trans-1,2- dichloro- ethene (ug/L)	Cis-1,2- dichloro- ethylene (ug/L)	1,1,1- Trichloro- ethane (ug/L)	Trichloro- ethene (TCE) (ug/L)	Tetrachloro- ethylene (PCE) (ug/L)	Vinyl chloride (ug/L)	Total (ug/L)
07/17/2002	A2732712	8021	ND	ND	ND	ND	ND	ND	2.2	ND	7.4	ND	ND	9.6
08/05/2002	A2793609	8021	ND	ND	ND	ND	ND	ND	0.86 J	ND	3.1	ND	ND	3.96
10/04/2002	A2986403	8021	ND	ND	ND	ND	ND	ND	ND	ND	1.2	ND	ND	1.2
01/17/2003	A3056009	8021	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
04/03/2003	A3315007	8021	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
07/08/2003	A3649202	8021	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
10/08/2003	A3978808	8021	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
01/07/2004	A4012309	8021	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
04/15/2004	A4337501	8021	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
06/29/2004	A4614509	8021	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
10/27/2004	A4A60303	8021	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
04/04/2005	A5307806	8260	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
07/12/2005	A5725406	8260/5ML	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
07/21/2006	6G21018-03	8260	ND	ND	ND	ND	4	ND	ND	ND	ND	ND	ND	4

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.

Well Id: B-63M

Date	Lab Sample Id	Method	Carbon tetrachloride (ug/L)	Chloroform (ug/L)	1,1- Dichloro- ethane (ug/L)	1,1- Dichloro ethene (ug/L)	Methylene chloride (ug/L)	Trans-1,2- dichloro- ethene (ug/L)	Cis-1,2- dichloro- ethylene (ug/L)	1,1,1- Trichloro- ethane (ug/L)	Trichloro- ethene (TCE) (ug/L)	Tetrachloro- ethylene (PCE) (ug/L)	Vinyl chloride (ug/L)	Total (ug/L)
07/17/2002	A2732709	8021	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
08/05/2002	A2793605	8021	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
01/13/2003	A3038006	8021	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
04/03/2003	A3315004	8021	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
07/08/2003	A3649201	8021	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
10/08/2003	A3978807	8021	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
01/07/2004	A4012305	8021	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
04/15/2004	A4337502	8021	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
06/28/2004	A4614504	8021	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
10/20/2004	A4A32106	8021	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
01/19/2005	A5050904	8260	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
04/04/2005	A5307805	8260	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
07/12/2005	A5725405	8260/5ML	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
07/19/2006	6G20004-13	8260	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
07/18/2007	7G19011-08	8260	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
07/17/2008	5418424	8260	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
07/08/2009	5719620	8260	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
07/22/2010	6040535	8260	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
07/26/2011	6357496	8260	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
07/10/2012	6716070	8260	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
			_	-	=	· -		_				_	=	

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.

07/10/2012

6716071

WHEATFIELD, NEW YORK

Well Id:	B-64M													
Date	Lab Sample Id	Method	Carbon tetrachloride (ug/L)	Chloroform (ug/L)	1,1- Dichloro- ethane (ug/L)	1,1- Dichloro ethene (ug/L)	Methylene chloride (ug/L)	Trans-1,2- dichloro- ethene (ug/L)	Cis-1,2- dichloro- ethylene (ug/L)	1,1,1- Trichloro- ethane (ug/L)	Trichloro- ethene (TCE) (ug/L)	Tetrachloro- ethylene (PCE) (ug/L)	Vinyl chloride (ug/L)	Total (ug/L)
07/17/2002	A2732711	8021	ND	17	ND	ND	ND	ND	ND	ND	8.7	ND	ND	25.7
08/05/2002	A2793606	8021	ND	9.4	ND	ND	ND	ND	3.7	ND	6.8	ND	ND	19.9
10/07/2002	A2999204	8021	ND	0.9 J	ND	ND	ND	ND	0.3 J	ND	0.96 J	ND	ND	2.16
01/15/2003	A3043011	8021	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
04/03/2003	A3315005	8021	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
07/03/2003	A3639706	8021	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
10/08/2003	A3978805	8021	ND	ND	ND	ND	ND	ND	1.1	ND	ND	ND	ND	1.1
01/07/2004	A4012307	8021	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
04/15/2004	A4337503	8021	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
06/28/2004	A4614502	8021	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
10/20/2004	A4A32107	8021	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
01/19/2005	A5050905	8260	ND	ND	ND	ND	ND	ND	ND	ND	0.3 J	ND	ND	0.3
04/04/2005	A5307804	8260	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
07/12/2005	A5725404	8260/5ML	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
07/21/2006	6G21018-04	8260	ND	ND	ND	ND	5 B	ND	ND	ND	ND	ND	ND	5
07/17/2007	7G18027-01	8260	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
07/17/2008	5418425	8260	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
07/08/2009	5719619	8260	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
07/22/2010	6040531	8260	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
07/26/2011	6357497	8260	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND

8260

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:

Nondetected concentrations have been represented as ND for reporting purposes.
 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.

Date	Lab Sample Id	Method	Carbon tetrachloride (ug/L)	Chloroform (ug/L)	1,1- Dichloro- ethane (ug/L)	1,1- Dichloro ethene (ug/L)	Methylene chloride (ug/L)	Trans-1,2- dichloro- ethene (ug/L)	Cis-1,2- dichloro- ethylene (ug/L)	1,1,1- Trichloro- ethane (ug/L)	Trichloro- ethene (TCE) (ug/L)	Tetrachloro- ethylene (PCE) (ug/L)	Vinyl chloride (ug/L)	Total (ug/L)
07/17/2002	A2732713	8021	ND	ND	ND	ND	ND	ND	ND	ND	2.6	ND	ND	2.6
08/05/2002	A2793607	8021	ND	0.24 J	ND	ND	ND	ND	ND	ND	0.49 J	ND	ND	0.73
10/07/2002	A2999203	8021	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
01/15/2003	A3043010	8021	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
04/03/2003	A3315006	8021	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
07/03/2003	A3639707	8021	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
10/08/2003	A3978806	8021	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
01/07/2004	A4012308	8021	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
04/15/2004	A4337504	8021	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
06/29/2004	A4614508	8021	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
10/27/2004	A4A60304	8021	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
01/19/2005	A5050906	8260	ND	ND	ND	ND	ND	ND	ND	ND	0.53 J	ND	ND	0.53
04/04/2005	A5307803	8260	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
07/12/2005	A5725403	8260/5ML	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
07/21/2006	6G21018-05	8260	ND	ND	ND	ND	3 B	ND	ND	ND	ND	ND	ND	3
07/17/2007	7G18027-02	8260	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
07/17/2008	5418426	8260	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
07/08/2009	5719618	8260	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
07/22/2010	6040539	8260	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
07/26/2011	6357501	8260	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
07/10/2012	6716072	8260	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND

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.

Well Id:	B-66M													
Date	Lab Sample Id	Method	Carbon tetrachloride (ug/L)	Chloroform (ug/L)	1,1- Dichloro- ethane (ug/L)	1,1- Dichloro ethene (ug/L)	Methylene chloride (ug/L)	Trans-1,2- dichloro- ethene (ug/L)	Cis-1,2- dichloro- ethylene (ug/L)	1,1,1- Trichloro- ethane (ug/L)	Trichloro- ethene (TCE) (ug/L)	Tetrachloro- ethylene (PCE) (ug/L)	Vinyl chloride (ug/L)	Total (ug/L)
07/18/2002	A2732706	8021	ND	ND	ND	ND	ND	ND	ND	ND	5.2	ND	ND	5.2
08/05/2002	A2793608	8021	ND	0.35 J	ND	ND	ND	ND	ND	ND	2.6	ND	ND	2.95
10/07/2002	A2999202	8021	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
01/14/2003	A3043005	8021	ND	ND	ND	ND	ND	ND	0.38 J	ND	0.24 J	ND	ND	0.62
04/07/2003	A3320701	8021	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
07/03/2003	A3639704	8021	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
10/08/2003	A3978803	8021	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
01/07/2004	A4012311	8021	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
04/15/2004	A4337505	8021	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
06/28/2004	A4614505	8021	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
10/20/2004	A4A32108	8021	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
01/19/2005	A5050907	8260	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
04/04/2005	A5307802	8260	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
07/12/2005	A5725402	8260/5ML	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
07/13/2006	6G14009-01	8260	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
07/17/2007	7G18027-05	8260	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
07/17/2008	5418427	8260	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
07/08/2009	5719614	8260	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
07/19/2010	6036147	8260	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
07/26/2011	6357502	8260	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
07/10/2012	6716077	8260	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND

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:

Nondetected concentrations have been represented as ND for reporting purposes.
 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.

Well	ld:	B-67M
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Date	Lab Sample Id	Method	Carbon tetrachloride (ug/L)	Chloroform (ug/L)	1,1- Dichloro- ethane (ug/L)	1,1- Dichloro ethene (ug/L)	Methylene chloride (ug/L)	Trans-1,2- dichloro- ethene (ug/L)	Cis-1,2- dichloro- ethylene (ug/L)	1,1,1- Trichloro- ethane (ug/L)	Trichloro- ethene (TCE) (ug/L)	Tetrachloro- ethylene (PCE) (ug/L)	Vinyl chloride (ug/L)	Total (ug/L)
 07/17/2002	A2732707	8021	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
08/05/2002	A2793613	8021	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
10/04/2002	A2986401	8021	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
01/14/2003	A3043006	8021	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
04/03/2003	A3315001	8021	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
07/03/2003	A3639705	8021	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
10/08/2003	A3978802	8021	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
01/07/2004	A4012310	8021	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
04/15/2004	A4337506	8021	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
06/28/2004	A4614506	8021	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
10/20/2004	A4A32109	8021	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
01/19/2005	A5050908	8260	ND	ND	ND	ND	ND	ND	ND	ND	0.35 J	ND	ND	0.35
04/04/2005	A5307801	8260	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
07/12/2005	A5725401	8260/5ML	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
07/13/2006	6G14009-02	8260	ND	ND	ND	ND	3	ND	ND	ND	ND	ND	ND	3
07/17/2007	7G18027-04	8260	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
07/17/2008	5418428	8260	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
07/08/2009	5719615	8260	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
07/19/2010	6036146	8260	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
07/26/2011	6357503	8260	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
07/10/2012	6716078	8260	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND

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.

Well Id:	DNAPL Sump													
Date	Lab Sample Id	Method	Carbon tetrachloride (ug/L)	Chloroform (ug/L)	1,1- Dichloro- ethane (ug/L)	1,1- Dichloro ethene (ug/L)	Methylene chloride (ug/L)	Trans-1,2- dichloro- ethene (ug/L)	Cis-1,2- dichloro- ethylene (ug/L)	1,1,1- Trichloro- ethane (ug/L)	Trichloro- ethene (TCE) (ug/L)	Tetrachloro- ethylene (PCE) (ug/L)	Vinyl chloride (ug/L)	Total (ug/L)
 04/25/2001	A1382102	8021	ND	ND	ND	ND	ND	ND	2300	ND	14000 D	ND	56	16356
07/12/2001	A1663804	8021	ND	ND	ND	ND	1.7 J	ND	120	ND	63	ND	2.5	187.2
01/25/2002	A2081502	8021	ND	ND	ND	13	1 J	15	4900 D	ND	1600 D	1.3	9.1	6539.4
04/19/2002	A2384301	8021	ND	ND	ND	ND	ND	ND	5900	ND	5000	ND	130	11030
07/16/2002	A2722915	8021	ND	ND	ND	ND	160	ND	3000	ND	5500	ND	240	8900
10/09/2002	A2A07506	8021	ND	ND	ND	ND	ND	ND	4400	ND	6600	ND	ND	11000
01/23/2003	A3075206	8021	ND	ND	ND	ND	ND	ND	2800	ND	16000	ND	ND	18800
04/10/2003	A3335401	8021	ND	ND	ND	ND	180	ND	2100	ND	2400	ND	190	4870
07/10/2003	A3654306	8021	ND	ND	ND	ND	ND	ND	1700	ND	3400	ND	110	5210

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To address the NYSDEC concerns regarding the presentation and plotting of nondetected values, the data for 2001 to 2004 has been reevaluated and interpreted as follows:

¹⁾ Nondetected concentrations have been represented as ND for reporting purposes.

²⁾ Total VOCs have been recalculated and represented as the sum of the detected parameters shown on this table.

³⁾ The method change to 8260 was approved by the NYSDEC and changed in January 2005.

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wen id.	F-Z		Carbon tetrachloride		1,1- Dichloro- ethane	1,1- Dichloro ethene	Methylene chloride	Trans-1,2- dichloro- ethene	Cis-1,2- dichloro- ethylene	1,1,1- Trichloro- ethane	Trichloro- ethene (TCE)	Tetrachloro- ethylene (PCE)	Vinyl chloride	Total
Date	Lab Sample Id	Method	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)
01/15/2001	A1041303	8021	ND	ND	ND	ND	ND	ND	74	ND	340	ND	ND	414
04/20/2001	A1366406	624	ND	ND	ND	ND	ND	ND	35	ND	320 D	ND	ND	355
07/13/2001	A1663813	8021	ND	ND	ND	ND	3.9	ND	39	ND	230	ND	ND	272.9
09/06/2001	A1858801	8021	ND	ND	ND	ND	110	ND	500	ND	4800	ND	ND	5410
10/15/2001	A1A17406	8021	ND	ND	ND	ND	58	ND	150	ND	3900	ND	ND	4108
01/24/2002	A2076711	8021	ND	ND	ND	ND	310	ND	740	560	8000	ND	ND	9610
04/19/2002	A2384302	8021	ND	ND	ND	ND	ND	ND	600	190	15000	ND	ND	15790
07/16/2002	A2722916	8021	ND	ND	ND	ND	610	ND	1500	1000	16000	ND	ND	19110
10/09/2002	A2A07507	8021	ND	ND	ND	ND	ND	ND	540	ND	12000	ND	ND	12540
04/09/2003	A3329402	8021	ND	ND	210	22	110	ND	390	1800	1200	ND	ND	3732
07/10/2003	A3654303	8021	ND	ND	ND	ND	ND	ND	860	400	7700	ND	ND	8960
10/13/2003	A3991301	8021	ND	ND	120	ND	100	ND	1200	870	7500	ND	ND	9790
01/07/2004	A4012402	8021	ND	ND	270	ND	ND	ND	1000	1800	7800	ND	120	10990
04/14/2004	A4331402	8021	ND	ND	180	ND	ND	ND	960	1800	9700	ND	ND	12640
07/07/2004	A4636803	8021	ND	ND	220	ND	ND	ND	1100	1100	12000	ND	ND	14420
10/08/2004	A4994502	8021	ND	ND	ND	ND	ND	ND	760	760	10000	ND	ND	11520
01/18/2005	A5051103	8260	ND	ND	ND	ND	ND	ND	860	1400	12000	ND	ND	14260
04/04/2005	A5307503	8260	ND	0.68 J	170 E	66 E	ND	7.7	810 E	1300 E	2500 E	1.9	20	4876.28
04/04/2005	A5307503DL	8260	ND	ND	ND	ND	ND	ND	580 D	1300 D	8200 D	ND	ND	10080
07/11/2005	A5724601	8260/5ML	ND	ND	70	ND	ND	ND	710	280	9200	ND	ND	10260
10/05/2005	A5B10701	8260	ND	ND	180	ND	ND	ND	530	1000	5400	ND	ND	7110
01/24/2006	A6089106	8260	ND	ND	170	ND	ND	ND	770	1200	8500	ND	ND	10640
04/12/2006	6D13005-04RE1	8260	ND	ND	124	24	11	7	638	1020	7800 D	ND	18	9642
07/11/2006	6G12005-03	8260	ND	ND	102	14	22	ND	621	411	6850 D	ND	13	8033
10/09/2006	6J10002-03	8260	ND	ND	146	23	ND	6	322	1130 D	2770 D	ND	12	4409
01/10/2007	7A11003-04	8260	ND	ND	135	17	12	ND	368	919	4950 D	ND	10	6411
04/03/2007	7D04039-01	8260	ND	ND	110	23	164	9	792	897	9730 D	ND	24	11749
07/05/2007	7G06018-04	8260	ND	ND	148	ND	ND	ND	10400	936	372	ND	ND	11856
10/10/2007	7J11002-01RE1	8260	ND	ND	36	ND	ND	ND	2190	50	3380	ND	80	5736
01/07/2008	8A08003-09	8260	ND	ND	86	ND	86	ND	629	722	524	ND	ND	2047
04/08/2008	8D09003-04	8260	ND	ND	102	15	ND	ND	1290	382	366	ND	90	2245
07/16/2008	5417447	8260	ND	ND	120	11 J	ND	6 J	2000	210	95	ND	390	2832
10/14/2008	5498678	8260	ND	ND	190	3.1 J	ND	5 J	1200	120	97	ND	21	1636.1
01/21/2009	5582428	8260	ND	ND	86	7.6	ND	5	920	100	280	ND	70	1468.6
04/16/2009	5649165	8260	ND	ND	190	31	ND	5.1	780	1100	260	ND	160	2526.1
07/13/2009	5722296	8260	ND	ND	82	19	ND	7.9 J	1700	350	420	ND	150	2728.9
10/07/2009	5800381	8260	ND	ND	460	62	ND	2.9 J	500	2800	250	ND	65	4139.9

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2) Total VOCs have been recalculated and represented as the sum of the detected parameters shown on this table.

3) The method change to 8260 was approved by the NYSDEC and changed in January 2005.

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Date	Lab Sample Id	Method	Carbon tetrachloride (ug/L)	Chloroform (ug/L)	1,1- Dichloro- ethane (ug/L)	1,1- Dichloro ethene (ug/L)	Methylene chloride (ug/L)	Trans-1,2- dichloro- ethene (ug/L)	Cis-1,2- dichloro- ethylene (ug/L)	1,1,1- Trichloro- ethane (ug/L)	Trichloro- ethene (TCE) (ug/L)	Tetrachloro- ethylene (PCE) (ug/L)	Vinyl chloride (ug/L)	Total (ug/L)
01/26/2010	5893226	8260	ND	ND	270	39	ND	ND	490	2300	320	ND	39	3458
04/07/2010	5948423	8260	ND	0.98 J	270	81	ND	9.5	910	2200	2400	0.82 J	85	5957.3
07/21/2010	6039078	8260	ND	ND	180	31	ND	7.8 J	1100	1100	2300	ND	60	4778.8
10/12/2010	6109750	8260	ND	ND	580	88	ND	12 J	1700	4700	3400	ND	94	10574
01/24/2011	6190814	8260	ND	ND	280	47	ND	5.6 J	800	2100	1700	ND	31	4963.6
04/12/2011	6256723	8260	ND	ND	150	30	ND	7.6 J	1100	1100	5400	ND	41	7828.6
07/20/2011	6352280	8260	ND	ND	98	25	ND	11 J	1600	630	6000	ND	57	8421
10/12/2011	6435908	8260	ND	ND	210	41	ND	9.9 J	980	1600	3700	ND	42	6582.9
01/19/2012	6527711	8260	ND	ND	82	22	ND	2.4 J	500	560	1600	ND	5.7 J	2772.1
04/04/2012	6607024	8260	ND	ND	77	15	ND	4.1 J	710	560	2700	ND	20	4086.1
07/19/2012	6728260	8260	ND	ND	150	26	ND	10 J	1700	970	7800	ND	48	10704
10/04/2012	6814368	8260	ND	ND	ND	ND	ND	ND	2.7 J	5.7	75	ND	ND	83.4
01/24/2013	6934232	8260	ND	ND	ND	ND	ND	ND	12	2.6 J	36	ND	ND	50.6
04/04/2013	7011183	8260	ND	ND	81	22	ND	7.9 J	640	590	6300	ND	18	7658.9

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weii iu.	F-3		Carbon tetrachloride	Chloroform	1,1- Dichloro- ethane	1,1- Dichloro ethene	Methylene chloride	Trans-1,2- dichloro- ethene	Cis-1,2- dichloro- ethylene	1,1,1- Trichloro- ethane	Trichloro- ethene (TCE)	Tetrachloro- ethylene (PCE)	Vinyl chloride	Total
Date	Lab Sample Id	Method	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)
01/15/2001	A1041304	8021	ND	ND	ND	ND	ND	ND	2.4	ND	0.42 J	ND	ND	2.82
04/20/2001	A1366407	624	ND	ND	ND	ND	ND	ND	1.6	ND	1.5	ND	ND	3.1
07/11/2001	A1648715	8021	ND	ND	ND	ND	ND	ND	1.2	ND	0.38 J	ND	ND	1.58
10/16/2001	A1A17404	8021	ND	ND	ND	ND	ND	5.2	210	ND	69	ND	3.5	287.7
01/21/2002	A2066001	8021	ND	ND	ND	ND	ND	6.5	140	ND	ND	ND	ND	146.5
04/11/2002	A2348304	8021	ND	ND	ND	ND	ND	4.9	170	ND	ND	ND	8.4	183.3
07/12/2002	A2713910	8021	ND	ND	ND	ND	ND	5.8	120	ND	4	ND	3.5	133.3
10/08/2002	A2999305	8021	ND	ND	1.1	ND	ND	10	300	ND	4	ND	ND	315.1
04/09/2003	A3329502	8021	ND	ND	ND	ND	16	ND	52	ND	ND	ND	1.8	69.8
07/08/2003	A3649104	8021	ND	ND	ND	ND	3.8	6	230	ND	ND	ND	ND	239.8
10/13/2003	A3991407	8021	ND	ND	ND	ND	ND	8.2	230	ND	ND	ND	ND	238.2
01/09/2004	A4026203	8021	ND	ND	ND	ND	ND	3.1	110	ND	ND	ND	3.1	116.2
04/14/2004	A4331803	8021	ND	ND	ND	ND	ND	2.4	100	ND	4.3	ND	ND	106.7
07/06/2004	A4636509	8021	ND	ND	ND	2.5	ND	9.2	260 E	ND	3.1	ND	3	277.8
07/06/2004	A4636509DL	8021	ND	ND	ND	ND	5.4 DE	8.8 D	230 D	ND	ND	ND	ND	244.2
10/08/2004	A4994501	8021	ND	ND	ND	ND	ND	ND	200	ND	ND	ND	ND	200
01/12/2005	A5036201	8260	ND	ND	ND	ND	ND	2.8	98	ND	ND	ND	ND	100.8
04/04/2005	A5307703	8260	ND	ND	ND	ND	ND	3.2	110 E	ND	0.43 J	ND	1.9	115.53
04/04/2005	A5307703DL	8260	ND	ND	ND	ND	ND	2.1 D	90 D	ND	ND	ND	ND	92.1
07/08/2005	A5715301	8260/5ML	ND	ND	ND	ND	1.2 J	5.7	140	ND	ND	ND	ND	146.9
10/05/2005	A5B10603	8260	ND	ND	0.55 J	ND	ND	6	110 E	ND	0.69 J	ND	0.98 J	118.22
10/05/2005	A5B10603DL	8260	ND	ND	ND	ND	ND	5.9 D	120 D	ND	ND	ND	ND	125.9
01/24/2006	A6089110	8260	ND	ND	ND	ND	ND	2.2	69	ND	0.52 J	ND	1.1 J	72.82
04/12/2006	6D13005-01	8260	ND	ND	ND	ND	ND	2	63	ND	ND	ND	ND	65
07/11/2006	6G12005-04	8260	ND	ND	ND	ND	ND	5	123	ND	1	ND	ND	129
10/09/2006	6J10002-04	8260	ND	ND	ND	ND	ND	4	88	ND	1	ND	ND	93
01/09/2007	7A10006-01	8260	ND	ND	ND	ND	ND	1	49	ND	1	ND	ND	51
04/03/2007	7D04039-02	8260	ND	ND	ND	ND	25 B	1	42	ND	ND	ND	ND	68
07/05/2007	7G06018-06	8260	ND	ND	ND	ND	ND	3	85	ND	ND	ND	ND	88
10/10/2007	7J11002-09	8260	ND	ND	ND	ND	ND	3	61	ND	ND	ND	ND	64
01/07/2008	8A08003-07	8260	ND	ND	ND	ND	ND	1	25	ND	ND	ND	ND	26
04/08/2008	8D09003-02	8260	ND	ND	ND	ND	3 B	2	67	ND	ND	ND	ND	72
07/16/2008	5417454	8260	ND	ND	ND	ND	ND	3.6 J	92	ND	ND	ND	ND	95.6
10/14/2008	5498679	8260	ND	ND	ND	ND	ND	1.5 J	55	ND	ND	ND	ND	56.5
01/21/2009	5582429	8260	ND	ND	ND	ND	ND	1.3 J	33	ND	ND	ND	1.2 J	35.5
04/15/2009	5647723	8260	ND	ND	ND	ND	ND	1.6 J	46	ND	ND	ND	1.7 J	49.3
07/08/2009	5719622	8260	ND	ND	ND	ND	ND	5.4	120	ND	ND	ND	ND	125.4

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Date	Lab Sample Id	Method	Carbon tetrachloride (ug/L)	Chloroform (ug/L)	1,1- Dichloro- ethane (ug/L)	1,1- Dichloro ethene (ug/L)	Methylene chloride (ug/L)	Trans-1,2- dichloro- ethene (ug/L)	Cis-1,2- dichloro- ethylene (ug/L)	1,1,1- Trichloro- ethane (ug/L)	Trichloro- ethene (TCE) (ug/L)	Tetrachloro- ethylene (PCE) (ug/L)	Vinyl chloride (ug/L)	Total (ug/L)
10/05/2009	5797970	8260	ND	ND	ND	ND	ND	4 J	90	ND	ND	ND	ND	94
01/25/2010	5892347	8260	ND	ND	ND	ND	ND	2 J	60	ND	ND	ND	2.3 J	64.3
04/06/2010	5946898	8260	ND	ND	ND	ND	ND	2.5 J	90	ND	ND	ND	2.3 J	94.8
07/21/2010	6039076	8260	ND	ND	ND	ND	ND	5.4	100	ND	ND	ND	1.3 J	106.7
10/12/2010	6109756	8260	ND	ND	ND	ND	ND	2.7 J	110	ND	ND	ND	ND	112.7
01/26/2011	6192954	8260	ND	ND	ND	ND	ND	1.1 J	27	ND	ND	ND	1.4 J	29.5
04/12/2011	6256721	8260	ND	ND	ND	ND	ND	3 J	100	ND	1.1 J	ND	2 J	106.1
07/12/2011	6342651	8260	ND	ND	ND	ND	ND	4.8 J	110	ND	1 J	ND	ND	115.8
10/13/2011	6437683	8260	ND	ND	ND	ND	ND	3.4 J	97	ND	ND	ND	ND	100.4
01/17/2012	6524421	8260	ND	ND	ND	ND	ND	ND	29 J	ND	21 J	ND	ND	50
04/04/2012	6607022	8260	ND	ND	ND	ND	ND	1.3 J	38	ND	ND	ND	ND	39.3
07/16/2012	6722029	8260	ND	ND	ND	ND	ND	3.9 J	83	ND	1.2 J	ND	ND	88.1
10/04/2012	6814367	8260	ND	ND	ND	ND	ND	2.7 J	77	ND	ND	ND	ND	79.7
01/24/2013	6934233	8260	ND	ND	ND	ND	ND	1.1 J	32	ND	ND	ND	ND	33.1
04/03/2013	7010226	8260	ND	ND	ND	ND	ND	1.2 J	30	ND	ND	ND	1.6 J	32.8

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WHEATFIELD, NEW YORK

Date	Lab Sample Id	Method	Carbon tetrachloride (ug/L)	Chloroform (ug/L)	1,1- Dichloro- ethane (ug/L)	1,1- Dichloro ethene (ug/L)	Methylene chloride (ug/L)	Trans-1,2- dichloro- ethene (ug/L)	Cis-1,2- dichloro- ethylene (ug/L)	1,1,1- Trichloro- ethane (ug/L)	Trichloro- ethene (TCE) (ug/L)	Tetrachloro- ethylene (PCE) (ug/L)	Vinyl chloride (ug/L)	Total (ug/L)
01/12/2001	A1035111	8021	ND	ND	ND	ND	1.8 J	0.66 J	18	ND	26	ND	2.6	49.06
04/19/2001	A1361311	624	ND	ND	ND	ND	ND	ND	2.9	0.23	9.6	ND	ND	12.73
07/11/2001	A1648714	8021	ND	ND	ND	ND	ND	0.23 J	18	ND	4.9	ND	ND	23.13
10/16/2001	A1A17403	8021	ND	ND	ND	ND	1.3 J	2	220	ND	42	ND	ND	265.3
01/21/2002	A2066002	8021	ND	ND	7.7	5.4	2.4 J	12	1600 D	3.8	490 D	ND	17	2138.3
04/11/2002	A2348305	8021	ND	ND	ND	ND	ND	ND	1000	ND	940	ND	ND	1940
07/12/2002	A2713911	8021	ND	ND	7.3	ND	ND	ND	1200	ND	360	ND	ND	1567.3
10/08/2002	A2999306	8021	ND	15	ND	ND	ND	ND	480	ND	140	ND	ND	635
04/09/2003	A3329503	8021	ND	ND	ND	ND	33	ND	510	ND	620	ND	ND	1163
07/08/2003	A3649106	8021	ND	ND	ND	ND	ND	ND	710	15	1000	ND	ND	1725
10/13/2003	A3991408	8021	ND	ND	23	ND	9.2	17	1700	25	920	ND	ND	2694.2
01/09/2004	A4026204	8021	ND	ND	26	ND	ND	14	1300	22	1400	ND	23	2785
04/14/2004	A4331804	8021	ND	ND	20	ND	ND	8	720	9.8	770	ND	15	1542.8
07/06/2004	A4636507	8021	ND	ND	40	ND	ND	ND	1300	31	1400	ND	49	2820
10/08/2004	A4994503	8021	ND	ND	31	ND	ND	ND	1100	ND	1200	ND	33	2364
01/12/2005	A5036202	8260	ND	ND	ND	ND	ND	ND	650	ND	1200	ND	43	1893
04/04/2005	A5307702	8260	ND	ND	13	ND	ND	ND	560	ND	870	ND	26	1469
07/11/2005	A5724701	8260/5ML	ND	ND	21	6.7	ND	12	830	8.2	880	ND	10	1767.9
10/05/2005	A5B10604	8260	ND	ND	33	9.3	ND	16	1200 E	20	1000 E	ND	ND	2278.3
10/05/2005	A5B10604DL	8260	ND	ND	30 D	ND	ND	15 D	1200 D	16 D	910 D	ND	ND	2171
01/23/2006	A6084706	8260	ND	ND	20	ND	ND	11	850	13	1500	ND	32	2426
04/12/2006	6D13005-02RE1	8260	ND	ND	15	ND	ND	8	583 D	10	998	ND	11	1625
07/11/2006	6G12005-05	8260	ND	ND	20	6	4	12	700 D	9	869 D	ND	ND	1620
10/09/2006	6J10002-05	8260	ND	ND	30	8	ND	16	1180 D	27	1100 D	ND	ND	2361
01/05/2007	7A05012-05	8260	ND	ND	23	6	2 B	11	734 D	20	2080 D	ND	26	2902
04/03/2007	7D04039-03	8260	ND	ND	7	3	ND	7	394 D	7	1190 D	ND	6	1614
07/05/2007	7G06018-07	8260	ND	ND	ND	ND	ND	ND	499	ND	579	ND	ND	1078
10/09/2007	7J10006-04	8260	ND	ND	9	ND	ND	8	570	ND	636	ND	ND	1223
01/07/2008	8A08003-06	8260	ND	ND	15	ND	22	10	689	8	601	ND	ND	1345
04/08/2008	8D09003-06	8260	ND	ND	12	ND	ND	7	431	13	1680 D	ND	ND	2143
07/16/2008	5417453	8260	ND	ND	9.6	3 J	ND	7	470	6.3	610	ND	ND	1105.9
10/14/2008	5498682	8260	ND	ND	8	1.7 J	ND	8	460	5.1	530	ND	ND	1012.8
01/14/2009	5577587	8260	ND	ND	24	7.9	ND	11	720	38	1200	ND	2 J	2002.9
04/14/2009	5646771	8260	ND	ND	12	3.5 J	ND	6.1 J	370	23	1600	ND	3.9 J	2018.5
07/09/2009	5720680	8260	ND	ND	6.6	2.3 J	ND	6.8	390	5.6	490	ND	ND	901.3
10/05/2009	5797961	8260	ND	ND	10	3.1 J	ND	6.7 J	560	9.2 J	780	ND	ND	1369
01/21/2010	5889956	8260	ND	ND	17 J	4.9 J	ND	8.8 J	460	32	2100	ND	ND	2622.7

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.

WHEATFIELD, NEW YORK

Date	Lab Sample Id	Method	Carbon tetrachloride (ug/L)	Chloroform (ug/L)	1,1- Dichloro- ethane (ug/L)	1,1- Dichloro ethene (ug/L)	Methylene chloride (ug/L)	Trans-1,2- dichloro- ethene (ug/L)	Cis-1,2- dichloro- ethylene (ug/L)	1,1,1- Trichloro- ethane (ug/L)	Trichloro- ethene (TCE) (ug/L)	Tetrachloro- ethylene (PCE) (ug/L)	Vinyl chloride (ug/L)	Total (ug/L)
04/06/2010	5946899	8260	ND	ND	9.5 J	2.8 J	ND	5.6 J	390	13	1600	ND	6.4 J	2027.3
07/13/2010	6031624	8260	ND	ND	6.9	3.4 J	ND	7.7	460	5.4	760	ND	ND	1243.4
10/12/2010	6109755	8260	ND	ND	6.5	1.6 J	ND	7.1	360	6.2	530	ND	ND	911.4
01/26/2011	6192955	8260	ND	ND	36	6.8 J	ND	11	790	14	1500	ND	3.8 J	2361.6
04/12/2011	6256718	8260	ND	ND	65	12	ND	14	1500	20	3700	1.7 J	27	5339.7
07/20/2011	6352288	8260	ND	ND	29	7.8 J	ND	10	750	7.8 J	1400	ND	ND	2204.6
10/11/2011	6434704	8260	ND	ND	25	5.8 J	ND	11	870	6.1 J	1200	ND	ND	2117.9
01/17/2012	6524420	8260	ND	ND	ND	ND	ND	1.1 J	35	ND	ND	ND	1.2 J	37.3
04/04/2012	6607020	8260	ND	ND	24	5.1 J	ND	6.7 J	530	8.6 J	1400	ND	7.6 J	1982
07/17/2012	6723838	8260	ND	ND	22	5.2	ND	11	580	6.2	890	ND	ND	1514.4
10/02/2012	6810734	8260	ND	ND	19	3.6 J	ND	9.2	580	4.9 J	850	ND	ND	1466.7
01/22/2013	6931414	8260	ND	ND	52	11	ND	10	620	42	2100	2.0 J	19	2856
04/03/2013	7010225	8260	ND	ND	40	7.1	ND	8.5	520	28	1900	1.9 J	11	2516.5

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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WHEATFIELD, NEW YORK

V	veii ia:	PVV-1													
	Date	Lab Sample Id	Method	Carbon tetrachloride (ug/L)	Chloroform (ug/L)	1,1- Dichloro- ethane (ug/L)	1,1- Dichloro ethene (ug/L)	Methylene chloride (ug/L)	Trans-1,2- dichloro- ethene (ug/L)	Cis-1,2- dichloro- ethylene (ug/L)	1,1,1- Trichloro- ethane (ug/L)	Trichloro- ethene (TCE) (ug/L)	Tetrachloro- ethylene (PCE) (ug/L)	Vinyl chloride (ug/L)	Total (ug/L)
01/	12/2001	A1035112	8021	ND	ND	ND	ND	5.6	ND	71	ND	150	ND	ND	226.6
04/2	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
09/0	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
01/2	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
10/0	09/2002	A2A07508	8021	ND	ND	ND	ND	ND	ND	27000	ND	140000	ND	ND	167000
01/2	24/2003	A3075208	8021	ND	ND	ND	ND	ND	ND	920	ND	2100	ND	26	3046
04/0	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
01/0	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
07/0	06/2004	A4636805	8021	ND	ND	ND	ND	ND	ND	540	ND	1600	ND	43	2183
10/0	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
04/0	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
04/0	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
10/0	05/2005	A5B10702	8260	ND	ND	ND	ND	ND	ND	390	11	1300	ND	13	1714
01/2	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
01/2	26/2006	A6102404DL	8260	ND	ND	ND	ND	ND	ND	200 D	ND	900 D	ND	7.5 D	1107.5
04/	13/2006	6D14002-07RE1	8260	ND	ND	2	ND	ND	2	146	ND	636 D	ND	6	792
07/	11/2006	6G12005-01	8260	ND	ND	2	ND	4	2	143	2	449 D	ND	ND	602
10/0	09/2006	6J10002-02	8260	ND	ND	ND	ND	ND	2	114	ND	871 D	ND	3	990
01/0	09/2007	7A10006-02	8260	ND	ND	3	ND	ND	2	185	3	638 D	ND	7	838
04/0	03/2007	7D04039-04	8260	ND	ND	6	2	ND	3	302 D	6	1040 D	ND	20	1379
07/0	05/2007	7G06018-05RE1	8260	ND	ND	ND	ND	ND	ND	68	ND	235	ND	6	309
10/0	09/2007	7J10006-07	8260	ND	ND	4	ND	ND	3	304	ND	1090 D	ND	13	1414
01/0	07/2008	8A08003-08	8260	ND	ND	ND	ND	31	ND	84	ND	463	ND	ND	578
04/0	08/2008	8D09003-03	8260	ND	ND	12	ND	16 B	ND	455	7	1690 D	ND	31	2211
07/2	21/2008	5420903	8260	ND	ND	1.3 J	ND	ND	1.6 J	120	ND	1500	ND	7.5	1630.4
10/	14/2008	5498687	8260	ND	ND	110 J	54 J	ND	60 J	10000	ND	41000	ND	180 J	51404

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1) Nondetected concentrations have been represented 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.

WHEATFIELD, NEW YORK

Date	Lab Sample Id	Method	Carbon tetrachloride (ug/L)	Chloroform (ug/L)	1,1- Dichloro- ethane (ug/L)	1,1- Dichloro ethene (ug/L)	Methylene chloride (ug/L)	Trans-1,2- dichloro- ethene (ug/L)	Cis-1,2- dichloro- ethylene (ug/L)	1,1,1- Trichloro- ethane (ug/L)	Trichloro- ethene (TCE) (ug/L)	Tetrachloro- ethylene (PCE) (ug/L)	Vinyl chloride (ug/L)	Total (ug/L)
01/13/2009	5576508	8260	ND	ND	18	5	ND	5.6	570	17	2100	ND	30	2745.6
04/15/2009	5647722	8260	ND	ND	11	2.8 J	ND	3.6 J	400	11	1300	ND	19	1747.4
07/07/2009	5718471	8260	ND	ND	1.6 J	ND	ND	1.6 J	110	1.1 J	430	ND	5.6	549.9
10/07/2009	5800383	8260	ND	ND	2.3 J	0.85 J	ND	1.9 J	160	2 J	470	ND	9.3	646.35
01/20/2010	5888923	8260	ND	ND	11	1.8 J	ND	2.6 J	340	11	1200	ND	11	1577.4
04/07/2010	5948422	8260	ND	ND	11	3.4 J	ND	3.6 J	370	7.2	1300	ND	24	1719.2
07/14/2010	6032689	8260	ND	ND	3 J	1.2 J	ND	2 J	180	2.1 J	470	ND	6.7	665
10/12/2010	6109752	8260	ND	ND	2.6 J	0.98 J	ND	2.8 J	290	ND	420	ND	4.7 J	721.08
01/25/2011	6191894	8260	ND	ND	8.2 J	3 J	ND	4 J	400	5.7 J	1800	ND	12 J	2232.9
04/12/2011	6256717	8260	ND	ND	3.2 J	1.4 J	ND	2.4 J	260	2.8 J	1400	ND	2.9 J	1672.7
07/13/2011	6343975	8260	ND	ND	10	4.3 J	ND	4.7 J	460	5.6	1700	ND	42	2226.6
10/12/2011	6435899	8260	ND	ND	1.8 J	ND	ND	2.1 J	120	ND	530	ND	6.7	660.6
01/16/2012	6523838	8260	ND	ND	8.6	2.4 J	ND	3.2 J	300	4.9 J	1400	ND	14	1733.1
04/04/2012	6607023	8260	ND	ND	8.9	3.0 J	ND	3.1 J	340	4.3 J	1400	ND	18	1777.3
07/18/2012	6726430	8260	ND	ND	ND	ND	ND	0.92 J	58	ND	210	ND	2.5 J	271.42
10/02/2012	6810729	8260	ND	ND	1.3 J	0.99 J	ND	2.0 J	230	1.1 J	860	ND	1.6 J	1096.99
01/22/2013	6931418	8260	ND	ND	4.4 J	1.6 J	ND	2.5 J	250	3.8 J	810	ND	12	1084.3
04/04/2013	7011182	8260	ND	ND	2.1 J	1.1 J	ND	1.7 J	220	1.5 J	610	ND	9.4	845.8

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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Well	I4·	PW-2

Date	Lab Sample Id	Method	Carbon tetrachloride (ug/L)	Chloroform (ug/L)	1,1- Dichloro- ethane (ug/L)	1,1- Dichloro ethene (ug/L)	Methylene chloride (ug/L)	Trans-1,2- dichloro- ethene (ug/L)	Cis-1,2- dichloro- ethylene (ug/L)	1,1,1- Trichloro- ethane (ug/L)	Trichloro- ethene (TCE) (ug/L)	Tetrachloro- ethylene (PCE) (ug/L)	Vinyl chloride (ug/L)	Total (ug/L)
01/15/2001	A1041301	8021	ND	ND	ND	ND	1.6 J	ND	24	ND	44	ND	ND	69.6
04/19/2001	A1361314	624	ND	ND	ND	ND	ND	ND	1.4	ND	17	ND	ND	18.4
07/13/2001	A1663811	8021	ND	1.5	ND	ND	5.3	ND	24	ND	88	ND	ND	118.8
10/15/2001	A1A17405	8021	ND	ND	ND	ND	ND	ND	370	ND	3700	ND	ND	4070
01/23/2002	A2076704	8021	ND	ND	ND	ND	2 J	ND	7.8	ND	55	ND	ND	64.8
04/18/2002	A2378805	8021	ND	ND	ND	ND	ND	ND	2.4	ND	17	ND	ND	19.4
07/16/2002	A2722913	8021	ND	ND	ND	ND	2.6	ND	16	ND	110	ND	ND	128.6
10/09/2002	A2A07509	8021	ND	ND	ND	ND	ND	ND	88	ND	640	ND	ND	728
01/23/2003	A3075205	8021	ND	ND	ND	ND	ND	ND	31	ND	270	ND	ND	301
04/09/2003	A3329401	8021	ND	ND	ND	ND	ND	ND	5	ND	85	ND	ND	90

ND - Not detected, indicates parameter was analyzed for, but not detected at or above the reporting limit.

To address the NYSDEC concerns regarding the presentation and plotting of nondetected values, the data for 2001 to 2004 has been reevaluated and interpreted as follows:

1) Nondetected concentrations have been represented 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.

WHEATFIELD, NEW YORK

Date	Lab Sample Id	Method	Carbon tetrachloride (ug/L)	Chloroform (ug/L)	1,1- Dichloro- ethane (ug/L)	1,1- Dichloro ethene	Methylene chloride (ug/L)	Trans-1,2- dichloro- ethene	Cis-1,2- dichloro- ethylene	1,1,1- Trichloro- ethane	Trichloro- ethene (TCE)	Tetrachloro- ethylene (PCE)	Vinyl chloride (ug/L)	Total (ug/L)
	•					(ug/L)		(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)		
10/13/2003 01/07/2004	A3991406 A4012401	8021	ND	ND	ND	5	ND	4.8	840 D	ND	1500 D	2.8	40 D	2392.6
		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	ND	ND	ND		ND	0.0	460 D	ND	2200 D	0.5	4.0	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 6D14002-06RE1	8260	ND	ND	ND	ND	ND	ND	520 D	ND	3700 D	23 D	ND	4243
04/13/2006		8260	ND	ND	ND	ND -	ND	1 -	298 D	ND	946 D	10	4	1259
07/11/2006	6G12005-02	8260	ND	ND	ND	5	3	5	1150 D	ND	3150 D	8	5	4326
10/09/2006	6J10002-06	8260	ND	ND	ND	4	ND	6	1550 D	ND	4620 D	3	4	6187
01/09/2007	7A10006-05	8260	ND	ND	ND	ND	39	ND	437	ND	1940 D	21	ND	2437
04/03/2007	7D04039-05	8260	ND	ND	ND	2	ND	3	540 D	ND	2250 D	18	9	2822
07/05/2007	7G06018-02	8260	ND	ND	ND	ND	ND	ND	1320	ND	3120	ND	61 ND	4501
10/09/2007	7J10006-06	8260	ND	ND	ND	ND	ND	ND	1400	ND	4220 D	ND	ND	5620
01/07/2008	8A08003-04RE1	8260	ND	ND	ND	ND	ND	ND	849	ND	362	ND	24	1235
04/08/2008 07/16/2008	8D09003-05 5417446	8260	ND	ND	ND	ND	35 B	12	2910 D	ND	2120 D	ND	154	5231
10/14/2008	5498677	8260	ND	ND	ND	8	ND	5.2	770	ND	630	ND	130	1543.2
01/15/2009	5578620	8260	ND	ND	ND	10 J	ND	6.4 J	1000	ND	1400	ND	31	2447.4
04/13/2009	5647718	8260 8260	ND	ND	ND ND	3.2 J	ND	2.7 J ND	630	ND	2000 2200	ND	48 50	2683.9 2984.5
07/07/2009	5718469	8260 8260	ND ND	ND ND	ND	4.5 J 19 J	ND ND	15 J	730 2600	ND ND	5000	ND ND	50 17 J	2964.5 7651
10/06/2009	5799011	8260 8260	ND	ND	ND	19 J 11 J	ND	8.6 J	1700	ND ND	5500	ND ND	17 J 8 J	700 i 7227.6
01/25/2010	5892346	8260 8260	ND	ND	ND	ND	ND	8.6 J ND	1400	ND ND	6300	ND	8 J 49 J	7749
04/06/2010	5946901	8260	ND	ND	ND	4.3 J	ND	5.1 J	940	ND	4300	ND	49 J 40	5289.4
07/21/2010	6039079	8260	ND	ND	ND	4.3 J 28	ND	20 J	2500	ND	4000	ND	40 13 J	6561
10/12/2010	6109759	8260 8260	ND	ND	ND	∠o 8.5 J	ND	20 J 6.8 J			3100		13 J 7 J	4522.3
01/24/2011	6190813		ND		ND			6.8 J 4.2 J	1400	ND	3400	ND ND	7 J 22 J	4522.3
04/12/2011	6256722	8260 8260	ND ND	ND ND	ND ND	4.5 J 3 J	ND ND	4.2 J 4.3 J	970 560	ND ND	2600		22 J ND	4400.7 3169.1
07/18/2011	6348763	8260 8260	ND	ND	ND	3 J 8.7 J	ND	4.3 J 6.9 J	1300	ND ND	3100	1.8 J ND	ND 26	4441.6
10/12/2011	6435906	8260 8260	ND	ND	ND	6.7 J 7.2 J	ND ND	6.9 J	1100	ND ND	2900	ND ND	26 ND	4014.1
01/19/2012	6527712	8260 8260	ND ND	ND ND	ND ND	7.2 J 2.3 J	ND ND	6.9 J 2.7 J	500	ND ND	2000	ND ND	2.3 J	2507.3
01/13/2012	0321112	6∠6 U	טט	ND	ND	∠.3 J	ND	2.7 J	500	טא	2000	טא	2.3 J	2507.3

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.

Well	ld.	PW-3

Date	Lab Sample Id	Method	Carbon tetrachloride (ug/L)	Chloroform (ug/L)	1,1- Dichloro- ethane (ug/L)	1,1- Dichloro ethene (ug/L)	Methylene chloride (ug/L)	Trans-1,2- dichloro- ethene (ug/L)	Cis-1,2- dichloro- ethylene (ug/L)	1,1,1- Trichloro- ethane (ug/L)	Trichloro- ethene (TCE) (ug/L)	Tetrachloro- ethylene (PCE) (ug/L)	Vinyl chloride (ug/L)	Total (ug/L)
04/04/2012	6607030	8260	ND	ND	ND	3.0 J	ND	3.4 J	570	ND	2700	ND	3.9 J	3280.3
07/10/2012	6716080	8260	ND	ND	ND	9.5	ND	8.2	1400	ND	2900	2.4 J	4.1 J	4324.2
10/04/2012	6814362	8260	ND	ND	ND	3.2 J	ND	2.7 J	510	ND	760	3.2 J	7.5	1286.6
01/24/2013	6934231	8260	ND	ND	ND	ND	ND	1.1 J	160	ND	740	4.1 J	1.4 J	906.6
04/02/2013	7007578	8260	ND	ND	ND	0.81 J	ND	1.1 J	170	ND	510	8.2	1.7 J	691.81

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.

Well	ld:	PW-4

Date	Lab Sample Id	Method	Carbon tetrachloride (ug/L)	Chloroform (ug/L)	1,1- Dichloro- ethane (ug/L)	1,1- Dichloro ethene (ug/L)	Methylene chloride (ug/L)	Trans-1,2- dichloro- ethene (ug/L)	Cis-1,2- dichloro- ethylene (ug/L)	1,1,1- Trichloro- ethane (ug/L)	Trichloro- ethene (TCE) (ug/L)	Tetrachloro- ethylene (PCE) (ug/L)	Vinyl chloride (ug/L)	Total (ug/L)
01/21/2009	5582430	8260	ND	ND	ND	ND	ND	ND	8.4	ND	55	ND	ND	63.4
04/16/2009	5649166	8260	ND	ND	ND	ND	ND	ND	2.7 J	ND	21	ND	ND	23.7
07/13/2009	5722294	8260	ND	ND	ND	ND	ND	ND	62	ND	350	ND	1.4 J	413.4
10/06/2009	5799007	8260	ND	ND	1.2 J	ND	ND	ND	62	6.3	480	ND	1.5 J	551
01/26/2010	5893225	8260	ND	ND	ND	ND	ND	ND	2.4 J	ND	29	ND	ND	31.4
04/07/2010	5948424	8260	ND	ND	ND	ND	ND	ND	3.1 J	ND	26	ND	ND	29.1
07/21/2010	6039077	8260	ND	ND	ND	ND	ND	ND	44	ND	320	ND	ND	364
10/12/2010	6109760	8260	ND	ND	50	4.4 J	ND	4 J	1000	27	59	ND	150	1294.4
01/24/2011	6190812	8260	ND	ND	ND	ND	ND	ND	16	ND	140	ND	ND	156
04/12/2011	6256725	8260	ND	ND	ND	ND	ND	ND	2.5 J	ND	26	ND	ND	28.5
07/20/2011	6352279	8260	ND	ND	ND	ND	ND	ND	13	ND	110	ND	ND	123
10/12/2011	6435907	8260	ND	ND	ND	ND	ND	0.93 J	59	ND	480	ND	ND	539.93
01/19/2012	6527713	8260	ND	ND	ND	ND	ND	ND	1.8 J	ND	23	ND	ND	24.8
04/04/2012	6607025	8260	ND	ND	ND	ND	ND	ND	3.7 J	ND	29	ND	ND	32.7
07/19/2012	6728261	8260	ND	ND	ND	ND	ND	ND	22	ND	260	ND	ND	282
10/04/2012	6814369	8260	ND	ND	40	11	ND	11	2200	14	380	ND	310	2966
01/24/2013	6934235	8260	ND	ND	ND	ND	ND	ND	36	ND	38	ND	2.3 J	76.3
04/02/2013	7007577	8260	ND	ND	ND	ND	ND	ND	4.0 J	ND	41	ND	ND	45

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.

WHEATFIELD, NEW YORK

Well Id:	Quarry													
			Carbon tetrachloride	Chloroform	1,1- Dichloro- ethane	1,1- Dichloro ethene	Methylene chloride	Trans-1,2- dichloro- ethene	Cis-1,2- dichloro- ethylene	1,1,1- Trichloro- ethane	Trichloro- ethene (TCE)	Tetrachloro- ethylene (PCE)	Vinyl chloride	Total
Date	Lab Sample Id	Method	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ug/L)	(ICE) (ug/L)	(ug/L)	(ug/L)	(ug/L)
04/09/2013	7016205	8260	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND

ND - Not detected, indicates parameter was analyzed for, but not detected at or above the reporting limit.

To address the NYSDEC concerns regarding the presentation and plotting of nondetected values, the data for 2001 to 2004 has been reevaluated and interpreted as follows:

¹⁾ Nondetected concentrations have been represented as ND for reporting purposes.

²⁾ Total VOCs have been recalculated and represented as the sum of the detected parameters shown on this table.

³⁾ The method change to 8260 was approved by the NYSDEC and changed in January 2005.

WHEATFIELD, NEW YORK

Well Id:

T-002

Date	Lab Sample Id	Method	Carbon tetrachloride (ug/L)	Chloroform (ug/L)	1,1- Dichloro- ethane (ug/L)	1,1- Dichloro ethene (ug/L)	Methylene chloride (ug/L)	Trans-1,2- dichloro- ethene (ug/L)	Cis-1,2- dichloro- ethylene (ug/L)	1,1,1- Trichloro- ethane (ug/L)	Trichloro- ethene (TCE) (ug/L)	Tetrachloro- ethylene (PCE) (ug/L)	Vinyl chloride (ug/L)	Total (ug/L)
01/23/2013	6932569	8260	ND	ND	74	11	ND	4.8 J	580	440	1400	8.0	21	2538.8
04/08/2013	7015034	8260	ND	ND	46	ND	ND	1.4 J	300	5.3	780	3.9 J	30	1166.6

ND - Not detected, indicates parameter was analyzed for, but not detected at or above the reporting limit.

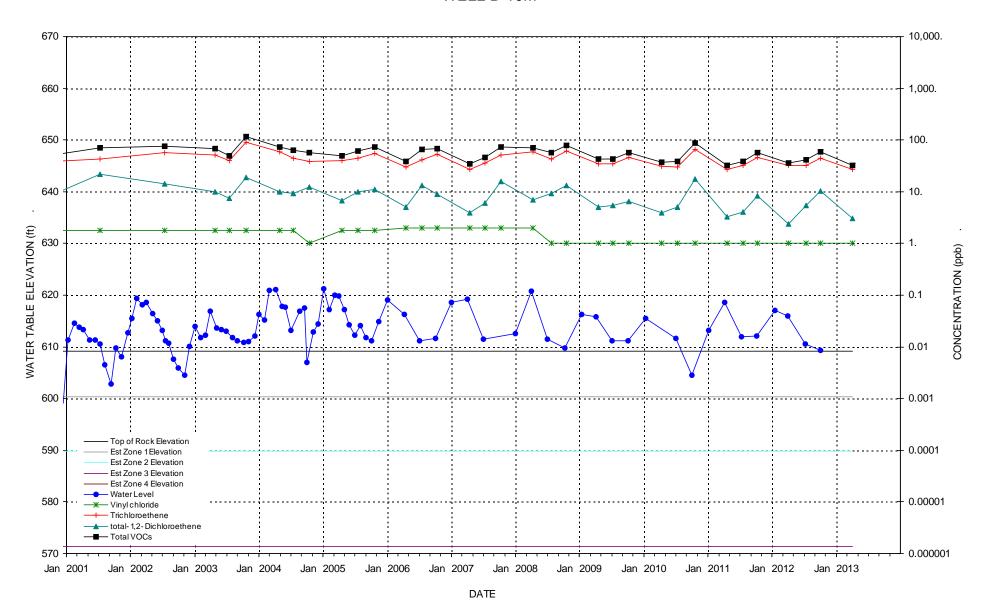
To address the NYSDEC concerns regarding the presentation and plotting of nondetected values, the data for 2001 to 2004 has been reevaluated and interpreted as follows:

1) Nondetected concentrations have been represented as ND for reporting purposes.

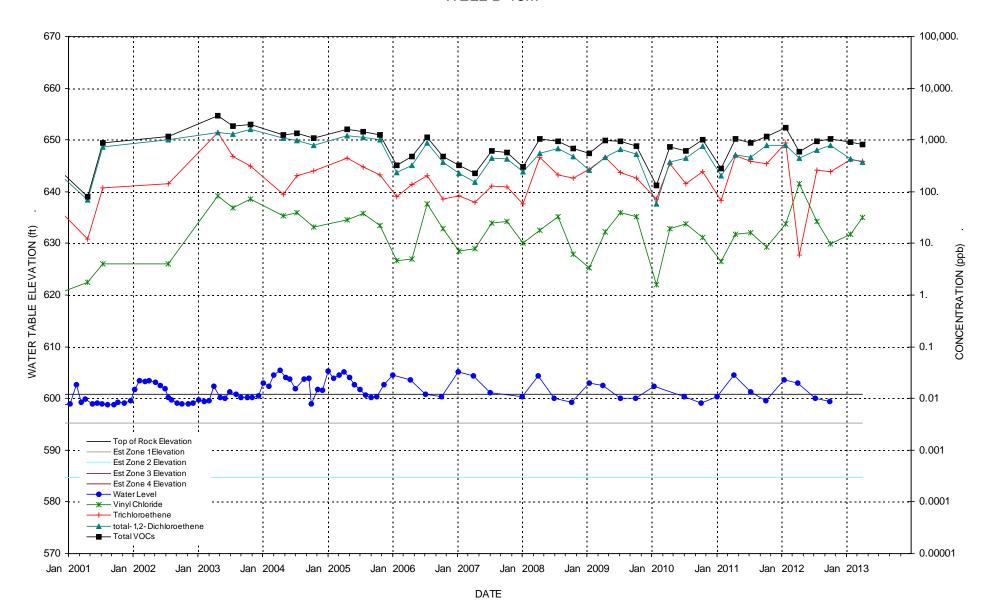
2) Total VOCs have been recalculated and represented as the sum of the detected parameters shown on this table.

3) The method change to 8260 was approved by the NYSDEC and changed in January 2005.

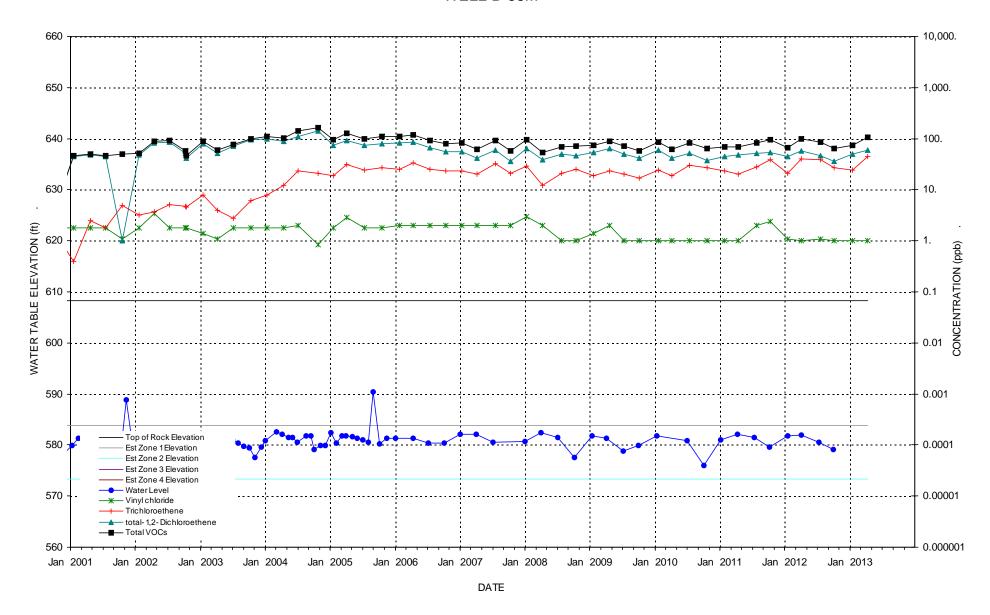
WELL B-10M

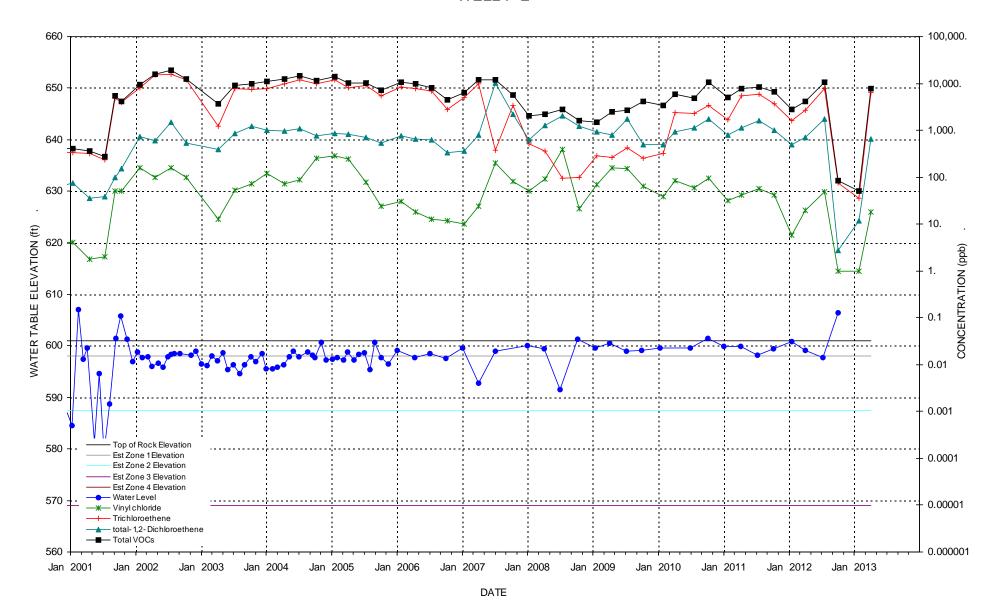


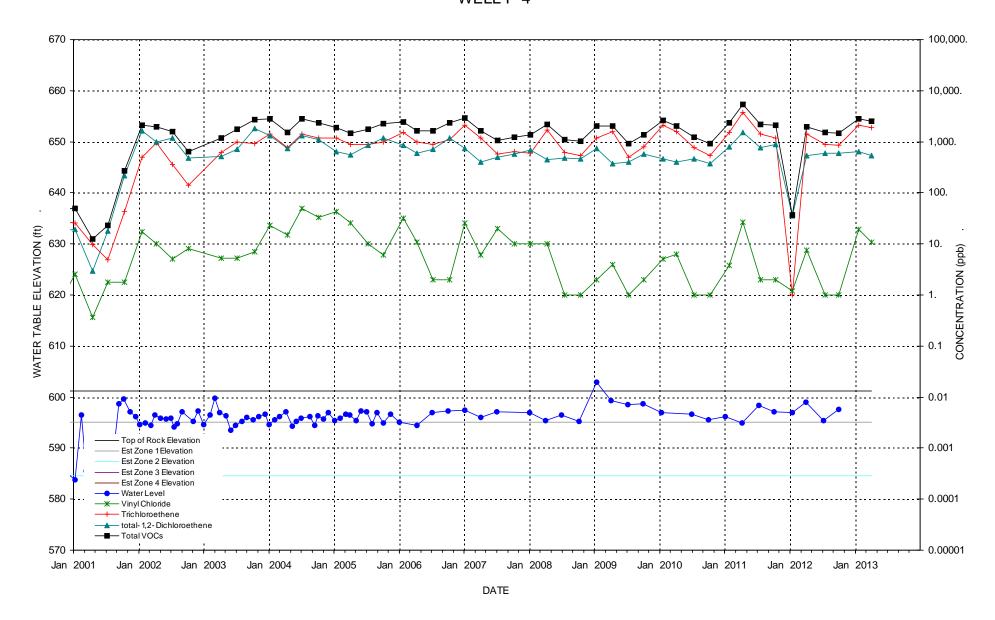
WELL B-13M



WELL B-38M







PW-3 (former DNAPL Sump)

