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November 14, 2013

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

RE: Third Quarter 2013 Monitoring Report Former Carborundum Facility, Village of Sanborn, Town of Wheatfield, New York NYSDEC Site No. 932102

Dear Mr. Sadowski:

On behalf of Atlantic Richfield Company, attached is the Third Quarter 2013 Monitoring Report for the former Carborundum facility in Wheatfield, New York (Site). The report covers activities at the Site from July 1, 2013 through September 30, 2013. The CD enclosed at the end of the report contains an electronic copy of the report in PDF format. The quarterly monitoring data in the EQuIS format will be submitted separately.

If you have any questions, please feel free to contact me at (716) 407-4990.

Sincerely,

George W. Hermance

Project Manager

Attachment

cc: W. Barber – ARC

M. Forcucci - NYSDOH

K. Anders – NYSDOH

E. Fulwell – NCCC

K. Scott – Metaullics

R. Locey - NYSDEC

J. Devauld - NCDOH

D.Taylor - Parsons

THIRD QUARTER 2013 MONITORING REPORT

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

Prepared for:



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

270 Michigan Avenue

Buffalo, New York 14203

Submitted by:

Atlantic Richfield Company

A BP affiliated company

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

Prepared by:

PARSONS

40 LA RIVIERE DRIVE, SUITE 350 BUFFALO, NEW YORK 14202

November 2013

GROUNDWATER REMEDIATION PROGRAM AT THE

FORMER CARBORUNDUM FACILITY

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

Prepared for:



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

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THIRD 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 July 2013 groundwater sampling event and provides a summary of the OM&M activities completed between July 1 and September 30, 2013.

The July 2013 groundwater sampling event included static water level measurements prior to purging and the collection of groundwater samples from 56 monitoring wells and six recovery wells in accordance with the NYSDEC-approved (October 2005, amended 2009) sampling program. All samples were submitted to Eurofins/Lancaster Laboratories, Inc., a New York State Department of Health certified laboratory, for volatile organic compound (VOC) analysis. The locations of the sampled wells are shown in Figure 2. A summary of the groundwater analytical results from each well in the Top of Rock Zone and Zone 1 is provided in Figure 3. Analytical results for Zones 2, 3, 4, and 5 are shown in Figure 4.

WATER LEVEL MEASUREMENTS

On July 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 July 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 July 2 and July 16, 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.

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

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

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

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

LABORATORY ANALYSIS AND RESULTS

Groundwater samples collected during the July 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 Third 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 September 2013) is provided in Appendix C.

Results for the third 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-3M, B-13M, B-18M, B-38M, P-4, PW-3, and PW-4. Time series plots for these wells and historical and current analytical data for all of the wells have been included in Appendix C.

• B-3M: The July 2013 concentration of TCE (100 ug/L) was the highest observed at this annually sampled location; however, all other compounds were within historical ranges. This well will be sampled again during the next quarterly sampling event to evaluate the potential trend.

- B-13M: In July 2013, 1,1-DCA (25 ug/L), 1,1,1-TCA (4.2 ug/L), and TCE (610 ug/L) were each the third highest concentration observed at this location since 2001. This location is sampled quarterly.
- B-18M: In July 2013 while cis-DCE (6.8 ug/L) was the third lowest and VC (1.7 ug/L) was the lowest concentration observed since 2001. TCE (29 ug/L) was the highest observed at this location. The total VOC concentration was in the range normally observed. This location is sampled annually. This well will be sampled again during the January 2014 sampling event.
- B-38M: The July 2013 analytical results showed TCE (52 ug/L) and 1,1-DCA (1.6 ug/L) at highest observed concentrations since 2001. This resulted in a total VOC (118 ug/L) level higher than previously observed. This location is sampled quarterly.
- P-4: The July 2013 analytical results showed concentrations closer to those typically observed in the recovery well. 1,1,1-TCA (18 ug/L), PCE (ND), 1,1-DCA (39 ug/L), 1,1-DCE (8.4 ug/L), cis-DCE (700 ug/L), and TCE (2,500ug/L) were closer to the typically observed concentrations while remaining slightly elevated. TCE and total VOCs (3,289 ug/L) were the second highest observed at this location.
- PW-3: In the recovery well, total VOCs (538 ug/L) and cis-DCE (120 ug/L) observed in July 2013 appear to be anomalously low. The total VOCs and cis-DCE results are the lowest observed while the TCE concentration (410 ug/L) is the second lowest observed at this location.
- PW-4: The July 2013 analytical results showed concentration of TCE (2.0 ug/L) at the lowest observed at this location. TCE concentrations typically range between 20 and 480 ug/L at this location. Other compounds were within the range typically observed.

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:

- Installed a new level sensor in pumping well PW-1;
- Disposed of spent filter bags;

- Purchased and installed a new autodialer and integrated with the treatment system PLC;
- Replaced equipment damaged during an electrical storm, including the level sensor in Vault 3, air stripper sump pressure differential sensor, and the treatment building sump pump;
- Responded to seven system-wide alarms:
 - o Five for the vault water collection system
 - o One due to damage from an electrical storm
 - One due to loss of radio control to pumping well PW-3;
- Installed two new vault water collection system sump pumps; and
- Installed a new A/D control unit for the vault water collection system Vault 3 and integrated it with the system PLC.

Recovery well P-2 was turned back on February 11, 2013 and continued to operate throughout the period. Recovery well PW-4 remained off during the period.

EFFLUENT AND PERMIT COMPLIANCE ISSUES

During the reporting period, approximately 2.97 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 third quarter of 2013 was 27.9 pounds. The extracted mass was estimated using individual well pumping rates and analytical results.

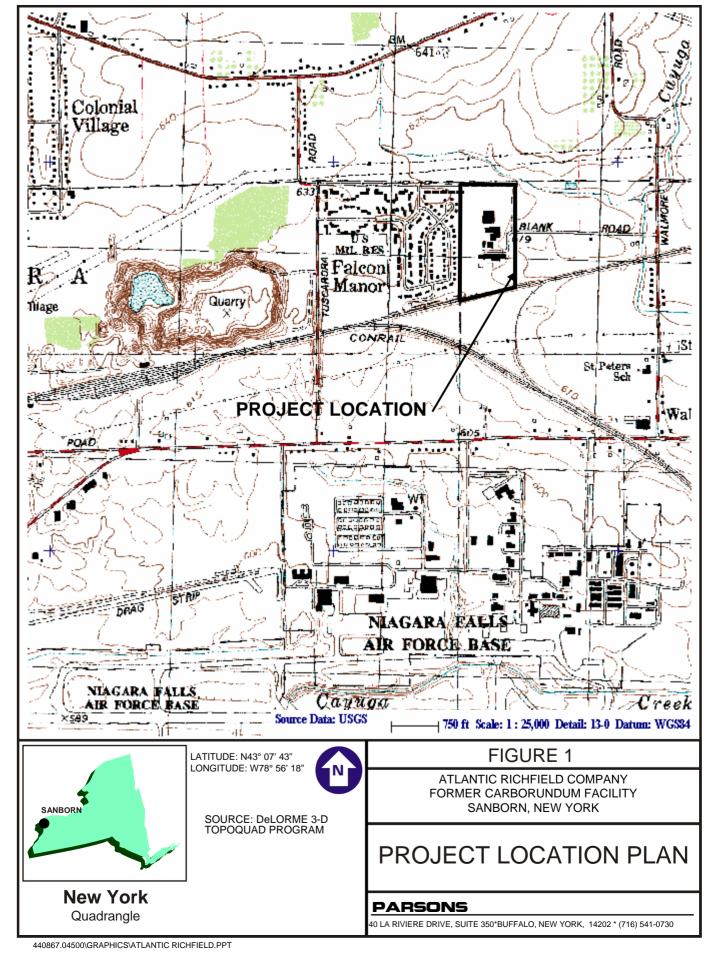
Effluent samples were collected at the outfall (OU1) inside the treatment building. Monthly discharge monitoring reports (DMRs) were provided to NYSDEC, in compliance with the SPDES permit (NY0001988). The DMRs documented the analytical results from the effluent samples. All analytical results were compliant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

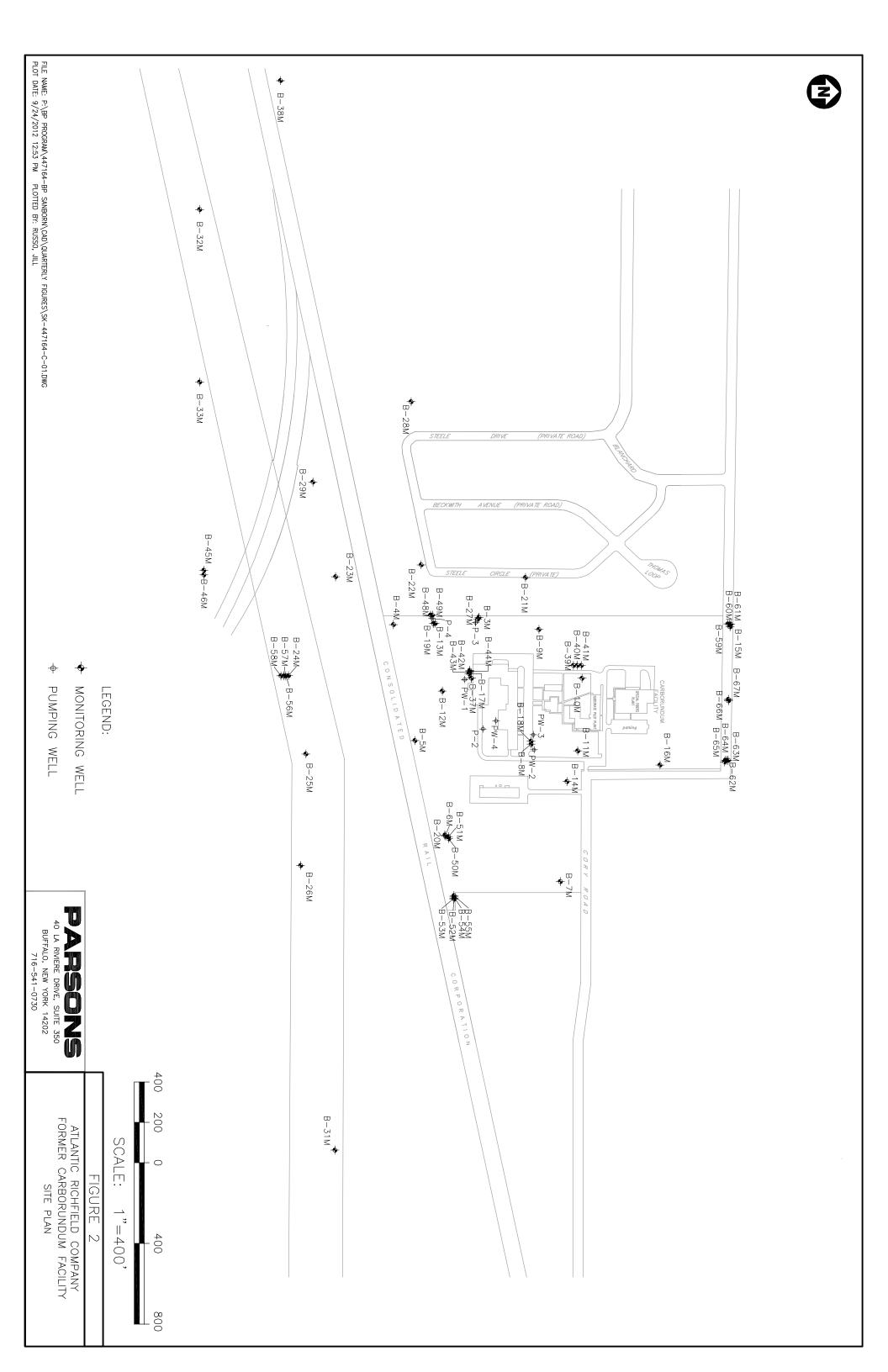
Table 5 provides the GRS performance summary for the quarter. The GRS uptime (hours during quarter that the GRS was operational/total hours during quarter) for the quarter was 99 percent. Recovery well PW-4 had been included in the operational uptime through the first quarter of 2013 but has not been operated since September 2012. Based on this fact, PW-4 has not been included in the uptime beginning the second quarter of 2013.

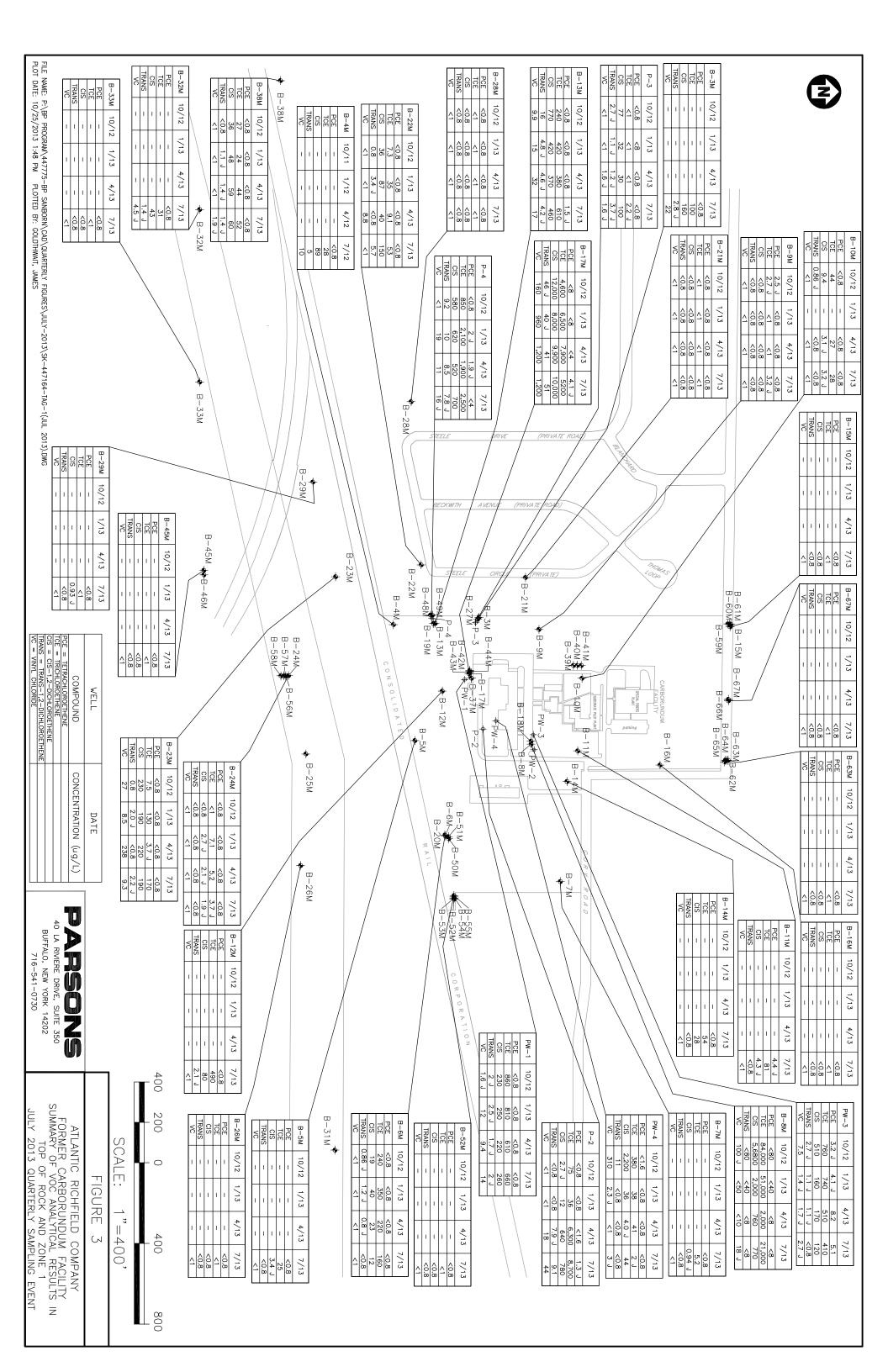
SUMMARY AND CONCLUSIONS

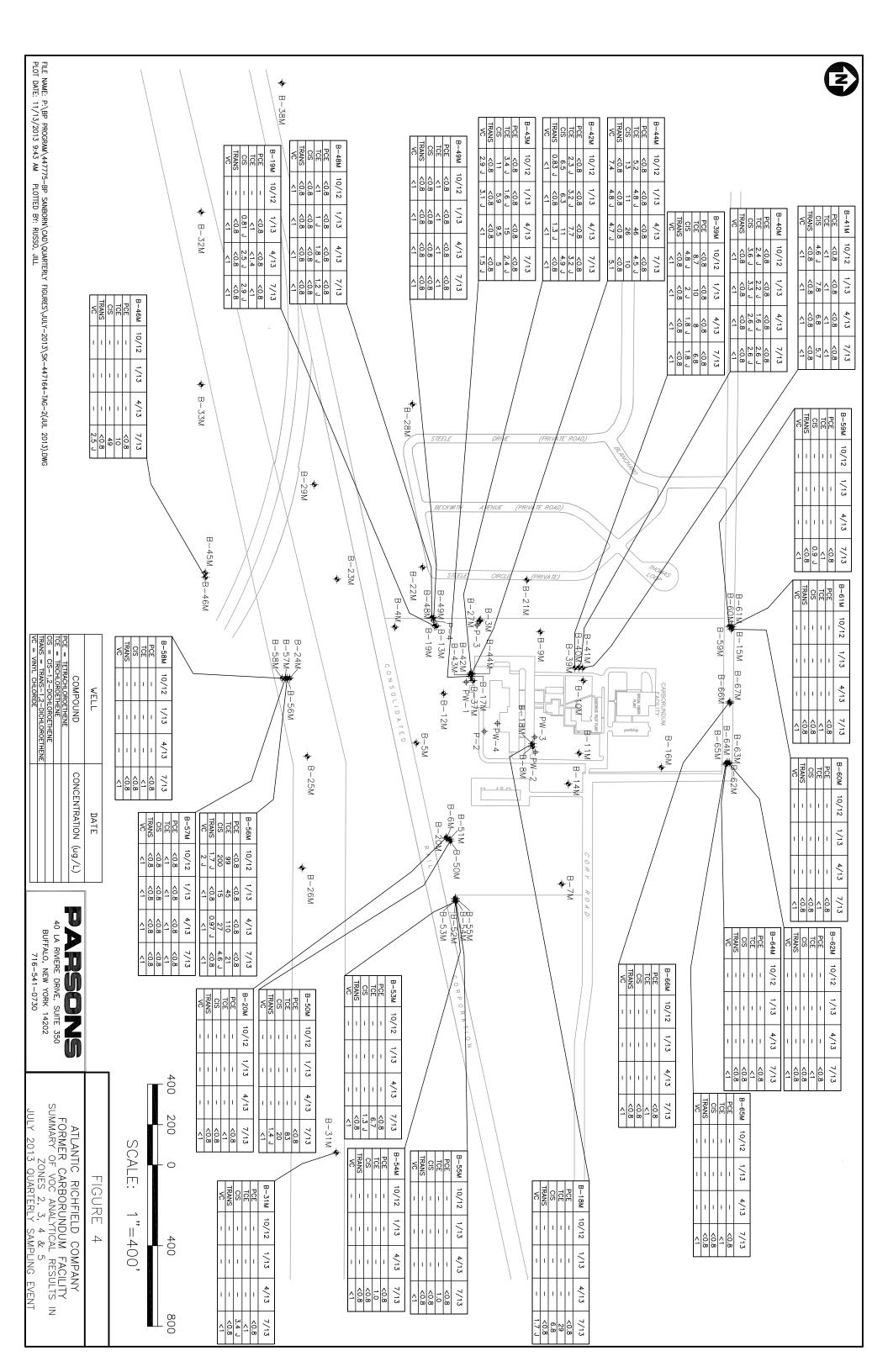
- Groundwater concentrations are consistent with recent data, with comments provided for B-3M, B-13M, B-18M, B-38M, P-4, PW-3, and PW-4.
- Groundwater elevations and flow paths were consistent with historical patterns.
- Based on the data review described in this report, the laboratory analytical data 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 99 percent.

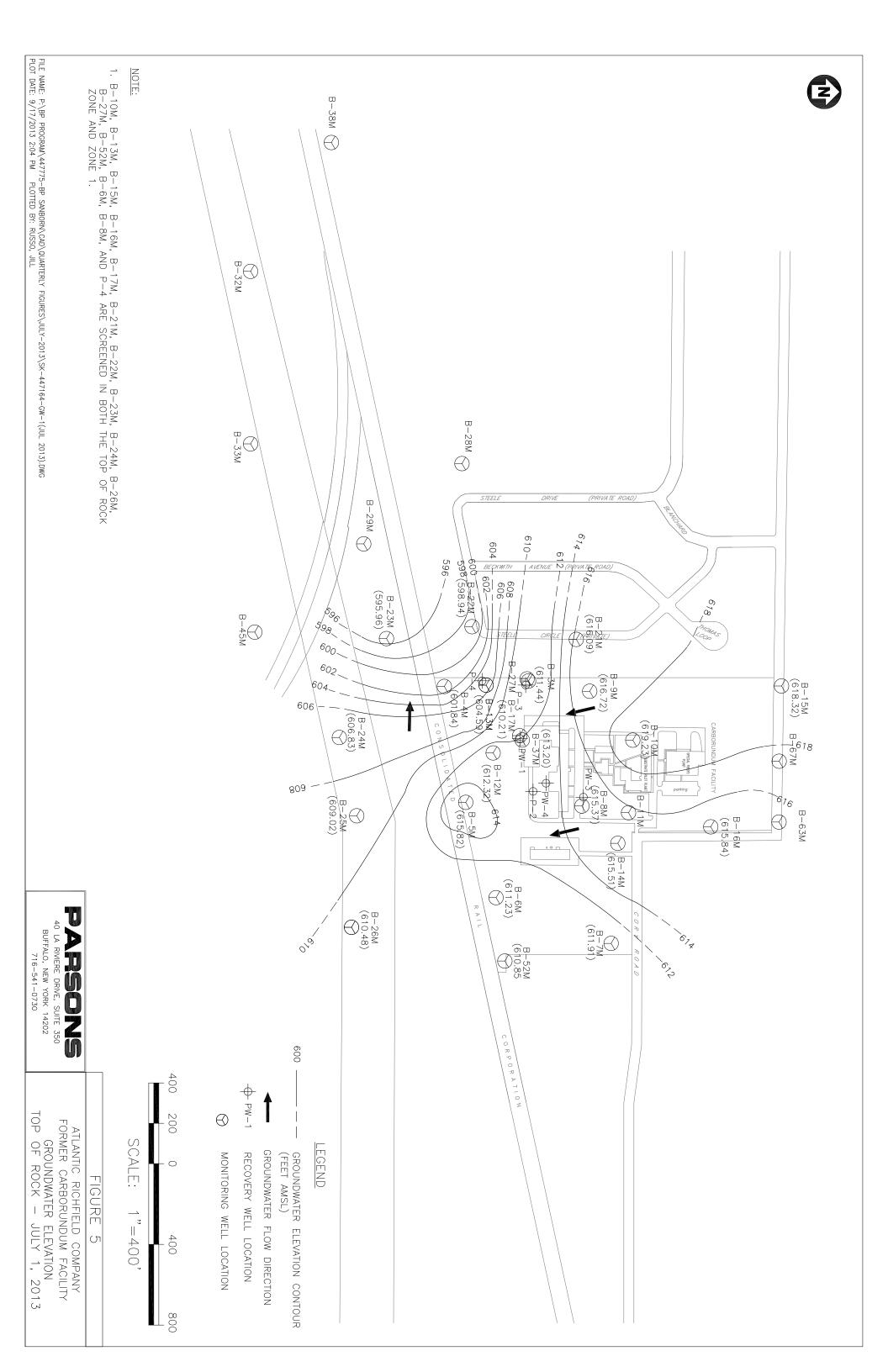
FIGURES

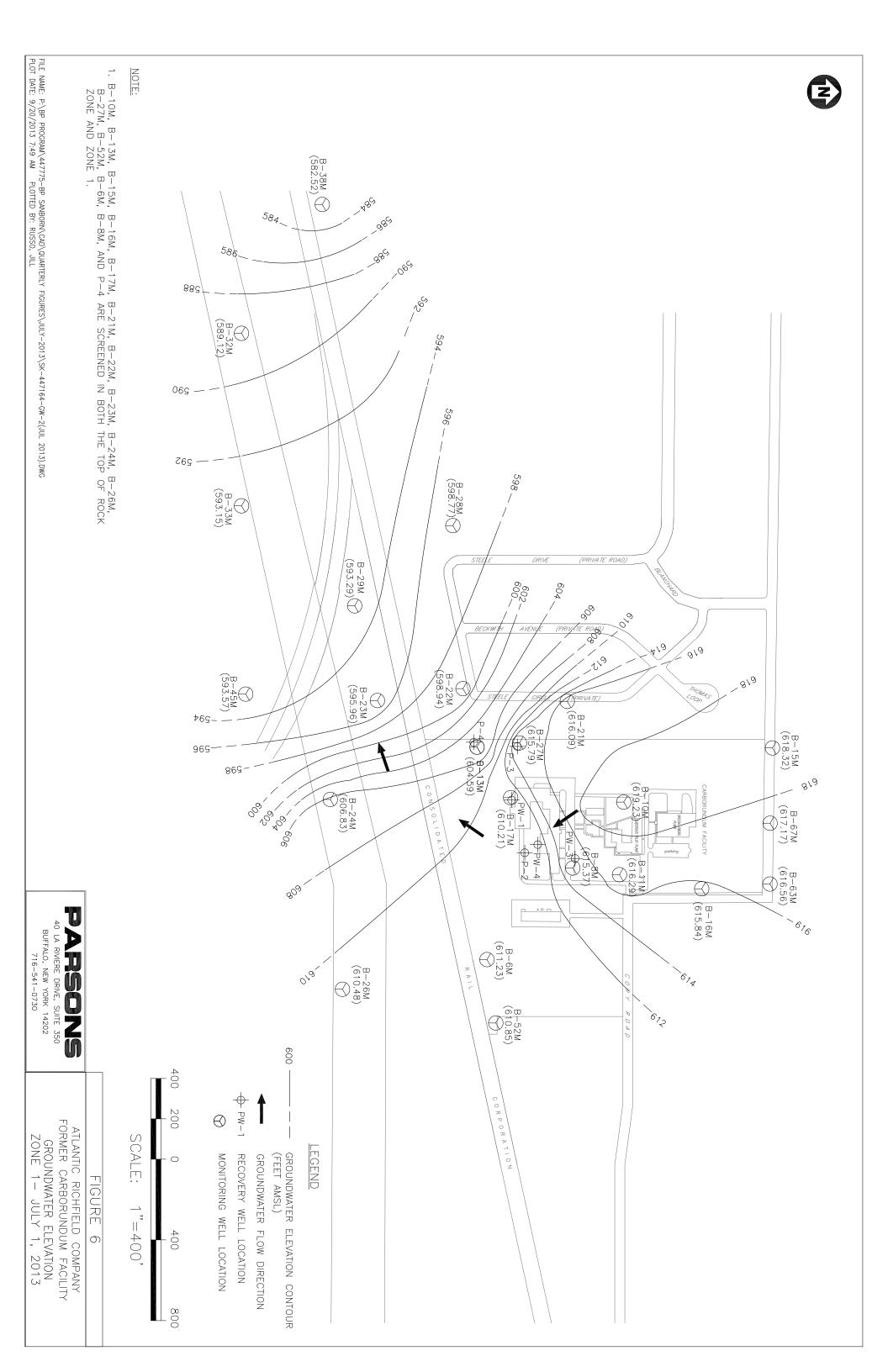












TABLES

TABLE 1 MONTHLY GROUNDWATER ELEVATION DATA JULY 2013 QUARTERLY SAMPLING EVENT THE FORMER CARBORUNDUM COMPANY SANBORN, NEW YORK

Monitoring		Top of Riser	Water Level	Groundwater	Remarks
Well	Date	Elevation	Water Level	Elevation	Remarks
I.D.		(ft)	(ft)	(ft)	
P-2	07/01/13	619.67	20.85	598.82	
P-3	07/01/13	627.35	28.09	599.26	
P-4	07/01/13	624.45	29.45	595.00	
PW-1	07/01/13	619.78	16.30	603.48	
PW-3	07/01/13	618.28	14.62	603.66	
PW-4	07/01/13	620.84	6.05	614.79	
B-3M	07/01/13	625.59	14.15	611.44	
B-4M	07/01/13	622.24	20.40	601.84	
B-5M	07/01/13	620.83	5.01	615.82	
B-6M	07/01/13	615.69	4.46	611.23	
B-7M	07/01/13	616.22	4.31	611.91	
B-8M	07/01/13	618.57	3.20	615.37	
B-9M	07/01/13	623.03	6.31	616.72	
B-10M	07/01/13	626.05	6.82	619.23	
B-11M	07/01/13	622.81	6.52	616.29	
B-12M	07/01/13	622.17	9.85	612.32	
B-13M	07/01/13	626.70	22.11	604.59	
B-14M	07/01/13	618.25	2.74	615.51	
B-15M	07/01/13	623.98	5.66	618.32	
B-16M	07/01/13	624.31	8.47	615.84	
B-17M B-18M	07/01/13	622.07	11.86 5.05	610.21	
B-18M B-19M	07/01/13 07/01/13	618.69	5.05 15.73	613.64 610.28	
B-20M	07/01/13	615.32	5.42	609.90	
B-20M B-21M	07/01/13	622.56	6.47	616.09	
B-21M B-22M	07/01/13	622.29	23.35	598.94	
B-23M	07/01/13	617.71	21.75	595.96	
B-24M	07/01/13	617.24	10.41	606.83	
B-25M	07/01/13	619.31	10.29	609.02	
B-26M	07/01/13	618.06	7.58	610.48	
B-27M	07/01/13	626.04	10.25	615.79	
B-28M	07/01/13	622.62	23.85	598.77	
B-29M	07/01/13	618.31	25.02	593.29	
B-31M	07/01/13	613.78	5.90	607.88	
B-32M	07/01/13	619.35	30.23	589.12	
B-33M	07/01/13	612.43	19.28	593.15	
B-37M	07/01/13	616.90	3.70	613.20	
B-38M	07/01/13	609.81	27.29	582.52	
B-39M	07/01/13	626.12	9.76	616.36	
B-40M	07/01/13	626.23	10.80	615.43	
B-41M	07/01/13	626.31	13.70	612.61	
B-42M	07/01/13	623.76	7.65	616.11	
B-43M	07/01/13	623.64	10.29	613.35	
B-44M	07/01/13	623.29	12.81	610.48	
B-45M	07/01/13	612.12	18.55	593.57	+
B-46M	07/01/13	613.46	19.83	593.63	_
B-48M	07/01/13	625.40	9.68	615.72	
B-49M B-50M	07/01/13 07/01/13	625.56	21.00	604.56	concrata crackad
B-50M B-51M	07/01/13	616.47 616.48	5.55	610.92 NA	concrete cracked damaged
B-51M B-52M	07/01/13	616.26	5.41	610.85	aminged
B-52M B-53M	07/01/13	616.14	5.30	610.84	
B-54M	07/01/13	616.00	5.25	610.75	
B-55M	07/01/13	615.59	21.02	594.57	
B-56M	07/01/13	617.78	21.36	596.42	
B-57M	07/01/13	617.80	23.17	594.63	
B-58M	07/01/13	617.99	20.15	597.84	
B-59M	07/01/13	625.53	18.92	606.61	
B-60M	07/01/13	625.67	9.45	616.22	
B-61M	07/01/13	625.72	8.81	616.91	
B-62M	07/01/13	624.14	0.50	623.64	
B-63M	07/01/13	624.04	7.48	616.56	
B-64M	07/01/13	624.05	7.57	616.48	
B-65M	07/01/13	623.98	8.97	615.01	
B-66M	07/01/13	625.54	8.76	616.78	
B-67M	07/01/13	625.59	8.42	617.17	

TABLE 2

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

			Top of						Total		
Monitoring			Riser	Initial	Initial	Measured	Water	One Well	Total Volume	Purging	
Well ID	Date	Time	Elevation	Water	Groundwater	Well	Column	Volume	Purged	Codes	Remarks
			(ft)	Level (ft)	Elevation (ft)	Bottom (ft)	Hgt. (ft)	(gal)	(gal)		
P-2	7/11/13	9:10	619.67								Pumping well
P-3	7/8/13	12:05	627.35								Pumping well
P-4	7/9/13	13:00	624.45								Pumping well
PW-1	7/8/13	10:15	619.78								Pumping well
PW-3 PW-4	7/2/13 7/11/13	9:20	618.28 618.28								Pumping well
B-3M	7/8/13	8:55 11:35	625.59	15.34		25.5	10.16	1.73	~3.5	5	Pumping well
B-4M	7/8/13	14:10	622.24	20.71		27.49	6.78	1.15	~2.5	4	
B-5M	7/9/13	12:20	620.83	6.54		31.05	24.51	4.17	21	5	
B-6M	7/15/13	10:45	615.69	6.30		19.15	12.85	2.18	5	4	
B-7M	7/9/13	10:00	616.22	5.29		18.95	13.66	2.30	12	5	
B-8M	7/2/13	8:20	618.57	3.60		17.80	14.20	2.40	12.1	5	
B-9M	7/2/13	10:10	623.03	6.37		21.16	14.29	2.51	7.5	5	
B-10M	7/2/13	10:35	622.56	7.63		27.91	30.28	3.45	18	4	
B-11M	7/2/13	11:10	622.81	6.81		23.79	16.98	2.89	15.0	4	
B-12M	7/9/13	11:50	622.17	11.19		21.87	10.68	1.82	10.0	4	
B-13M	7/8/13	12:45	617.20	22.38		36.00	13.62	2.32	12	5	
B-14M	7/9/13	10:30	618.25	3.68		15.78	12.10	2.06	10.5	5	
B-15M	7/10/13	15:30	623.98	7.41		24.11	16.70	2.84	14.5	4	
B-16M	7/9/13	11:00	626.08	9.44		25.17	15.73	2.67	13.5	5	
B-17M	7/8/13	8:30	622.07	13.21		26.01	12.80	2.18	11	4	
B-18M	7/2/13	8:55	618.69	5.84		50.33	44.49	7.60	~38	5	
B-19M B-20M	7/8/13	13:35	626.01	17.00		26.11	9.11	1.55	8	4	
B-20IVI	7/15/13 7/11/13	11:25 11:55	615.40 622.56	7.06 8.17		49.93 26.54	42.87 18.37	7.30 3.12	37 16	5 4	
B-21M	7/11/13	12:30	617.71	23.91		35.93	12.02	2.04	8	4	
B-23M	7/16/13	9:10	617.71	22.83		31.64	8.81	1.50	8	4	
B-24M	7/16/13	12:40	617.20	11.71		28.30	16.59	2.82	~10	4	
B-26M	7/9/13	8:40	618.06	8.42		30.00	21.58	3.67	19	5	
B-28M	7/11/13	13:15	622.62	24.67		34.57	9.90	1.68	~6.8	4	
B-29M	7/16/13	8:20	618.31	26.54		38.50	11.96	2.03	10.5	4	
B-31M	7/9/13	9:15	613.78	6.82		43.70	36.88	6.27	32	5	
B-32M	7/15/13	14:45	619.35	32.29		40.50	8.21	1.40	~5.6	4	
B-33M	7/16/13	7:45	612.43	21.11		31.91	10.80	1.84	.9	4	
B-38M	7/11/13	8:05	609.81	27.57		41.19	13.62	2.32	12	4	
B-39M	7/2/13	13:45	626.12	10.24		44.98	34.74	5.91	30	5	
B-40M	7/2/13	10:48	626.23	11.45		57.95	46.50	7.90	40	5	
B-41M	7/2/13	12:05	626.31	14.26		72.63	58.37	9.90	50	5	
B-42M	7/8/13	11:00	623.76	9.07		45.40	36.33	6.20	31	5	
B-43M	7/8/13	9:50	623.64	11.57		58.85	47.28	8.04	41	5	
B-44M B-45M	7/8/13 7/15/13	9:05 13:50	623.29 612.12	13.90 19.93		80.42 24.81	66.52 4.88	11.31 0.83	23.5 21.76	4,5 4	
B-45IVI B-46M	7/15/13	14:00	613.46			39.91	18.60		~12.8	5	
B-46IVI B-48M	7/15/13	14:00	625.40	21.31 11.13		46.89	35.76	3.16 6.08	~12.8 31	5	
B-49M	7/9/13	13:10	625.56	22.12		82.56	60.44	10.30	52	5	
B-50M	7/15/13	13:00	616.47	7.14		35.80	28.66	4.87	25	5	
B-52M	7/15/13	8:30	616.48	7.0		22.41	15.40	2.62	14.0	5.0	
B-53M	7/15/13	9:00	616.14	6.88		37.27	30.39	5.17	21	5	
B-54M	7/15/13	9:45	616.00	7.27		57.46	50.19	8.53	~20	4,5	
B-55M	7/15/13	10:05	615.59	22.71		84.92	62.21	10.58	~20.6	4,5	
B-56M	7/16/13	10:50	617.78	22.89		39.61	16.72	2.84	15	5	
B-57M	7/16/13	9:50	617.80	25.15		50.54	25.39	4.32	~10.5	4,5	
B-58M	7/16/13	11:35	617.99	22.02		63.67	41.65	7.08	~28	5	
B-59M	7/10/13	12:55		20.36		69.00	48.64	8.27	32.2	5	
B-60M	7/10/13	14:00	625.67	11.42		55.05	43.63	7.42	~30	5	
B-61M	7/10/13	14:55	625.72	10.54		29.55	19.01	3.23	12.92	5	
B-62M	7/10/13	8:20	623.89	2.70		91.40	88.70	15.10	76	5	
B-63M	7/10/13	9:30	624.14	8.99		27.21	18.22	3.10	16	5	
B-64M	7/10/13	10:10	623.95	9.08	-	42.37	33.29	5.66	28.5	5	
B-65M B-66M	7/10/13 7/10/13	10:50 11:40	624.19 625.37	10.56 10.29		57.20 41.19	46.64 30.90	7.93 5.25	40 27	5 5	
B-67M	7/10/13	12:25	625.51	10.29		24.77	14.74	2.50	10	5	
Tank #2	7/10/13	11:26	023.01	10.03		47.11	17.74	2.00	10		
ιατικ πΖ	1/11/13	11.20								I	

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_3Q13.xlsx

TABLE 3 MONITORING WELL GROUNDWATER SAMPLING DATA JULY 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	7/11/13	9:10	7.05	1.14	59.1	2	Pumping well			
P-3	7/8/13	12:05	7.47	1.44	55.1	66	Pumping well			
P-4 PW-1	7/9/13 7/8/13	13:00 10:15	7.09 7.71	0.98 0.78	55.2 58.7	5 1	Pumping well			
PW-1	7/2/13	9:20	6.88	0.78	38.9	33	Pumping well Pumping well			
PW-4	7/11/13	8:55	7.82	0.52	66.7	9	Pumping well			
B-3M	7/8/13	11:35	7.48	1.17	53.5	130	T dinping won			
B-4M	7/8/13	14:10	7.34	1.75	54.8	61				
B-5M	7/9/13	12:20	7.36	0.48	53.6	403				
B-6M	7/15/13	10:45	7.58	1.29	52.50	423				
B-7M	7/9/13	10:00	6.99	0.75	52.60	7				
B-8M	7/2/13	8:20	6.37	0.95	56.10	61				
B-9M B-10M	7/2/13	10:10	7.64 7.38	0.41 1.37	53.90 54.30	45 16				
B-10M	7/2/13 7/2/13	10:35 11:10	7.36	0.66	59.30	22				
B-11M	7/9/13	11:50	7.43	0.76	54.20	658				
B-13M	7/8/13	12:45	7.38	0.95	55.80	133				
B-14M	7/9/13	10:30	7.07	0.76	56.60	278				
B-15M	7/10/13	15:30	7.1	1.37	53.40	70				
B-16M	7/9/13	11:00	7.11	1.05	55.80	3				
B-17M	7/8/13	8:30	7.07	1.11	55.50	119				
B-18M	7/2/13	8:55	7.71	1.40	55.40	70				
B-19M	7/8/13	13:35	7.32	1.43	54.60	4				
B-20M	7/15/13	11:25	7.77	1.09	53.90	56				
B-21M B-22M	7/11/13 7/11/13	11:55 12:30	7.06	1.12 1.20	55.80	102 29				
B-23M	7/11/13	9:10	7.15 7.03	1.03	55.60 54.00	29				
B-24M	7/16/13	12:40	7.03	1.04	53.40	27				
B-26M	7/9/13	8:40	7.54	0.95	55.60	39				
B-28M	7/11/13	13:15	7.07	1.10	55.90	232				
B-29M	7/16/13	8:20	7.01	1.88	54.30	165				
B-31M	7/9/13	9:15	7.47	0.77	56.50	172				
B-32M	7/15/13	14:45	7.35	1.13	53.60	96				
B-33M	7/16/13	7:45	7.13	1.12	55.80	4.34				
B-38M	7/11/13	8:05	7.08	1.12	53.00	37				
B-39M B-40M	7/2/13 7/2/13	13:45 10:48	7.53 7.86	0.88 1.29	57.00 55.00	19 33				
B-41M	7/2/13	12:05	8.15	1.00	55.10	14				
B-42M	7/8/13	11:00	7.40	0.80	58.30	13				
B-43M	7/8/13	9:50	7.86	1.57	58.40	32				
B-44M	7/8/13	9:05	7.29	2.75	57.10	37				
B-45M	7/15/13	13:50	7.53	1.50	53.30	1000+				
B-46M	7/15/13	14:00	7.86	1.19	55.00	28				
B-48M	7/9/13	14:15		0.88	54.20	26				
B-49M	7/9/13	13:10	7.0	2.75	55.20	76				
B-50M	7/15/13	13:00	7.40	0.79	57.80	33				
B-52M B-53M	7/15/13 7/15/13	8:30 9:00	7.39 6.71	1.05 0.92	56.40 56.50	1000+ 28				
B-54M	7/15/13	9:00	10.11	1.58	55.20	53				
B-55M	7/15/13	10:05	7.36	3.67	53.70	21				
B-56M	7/16/13	10:50	7.88	1.38	54.90	74				
B-57M	7/16/13	9:50	7.07	2.16	52.40	13				
B-58M	7/16/13	11:35	7.66	1.42	55.00	42				
B-59M	7/10/13	12:55	7.25	1.57	56.30	78				
B-60M	7/10/13	14:00	7.66	1.16	56.70	62				
B-61M	7/10/13	14:55	7.4	0.86	56.30	26				
B-62M	7/10/13	8:20	7.06	2.96	62.30	60				
B-63M B-64M	7/10/13 7/10/13	9:30 10:10	6.99	1.99 1.04	55.30 58.40	147 27				
B-65M	7/10/13	10:10	7.13 7.39	2.08	56.00	23				
B-66M	7/10/13	11:40	9.4	0.75	56.30	14				
B-67M	7/10/13	12:25	7.3	1.55	56.40	134				
Tank#2	7/11/13	11:26	7.56	1.39	74.10	24				
							•			

Tables2&3_3Q13.xlsx PARSONS

TABLE 4

MONITORING WELL GROUNDWATER ANALYTCIAL RESULT SUMMARY JULY 2013 QUARTERLY SAMPLING EVENT THE FORMER CARBORUNDUM COMPANY SANBORN, NEW YORK

	SANBORN, NEW YORK													
	Lab	Sample	Carbon	Chloroform	1,1-	1,1-	Methylene	trans-1,2-	cis-1,2-	total-1,2-	1,1,1-	Trichloroethene	Vinyl	Tetrachloroethene
Well Id	Sample ID	Date	Tetrachloride	ug/l	Dichloroethan	Dichloroethene	chloride	Dichloroethene	Dichloroethene	Dichloroethene	Trichloroethane	ug/l	chloride	ug/l
			ug/l		e ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l		ug/l	
P-2	7125530	7/11/2013	< 1.0	< 0.80	77	21	< 2.0	9.1	780	789.1	530	8700	44	1.3 J
P-3	7120726	7/8/2013	< 1.0	< 0.80	< 1.0	< 0.80	< 2.0	3.7 J	100	103.7	< 0.80	2.2 J	1.6 J	< 0.80
P-4	7122573	7/9/2013	< 5.0	< 4.0	39	8.4 J	< 10	7.8 J	700	707.8	18 J	2500	16 J	< 4.0
PW-1	7120731	7/8/2013	< 1.0	< 0.80	2.6 J	1.5 J	< 2.0	2.0 J	260	262	1.1 J	660	14	< 0.80
PW-3	7117031	7/2/2013	< 1.0	< 0.80	< 1.0 1.2 J	< 0.80	< 2.0	< 0.80 < 0.80	120 44	120 44	< 0.80 1.5 J	410 2.0 J	2.7 J	5.1
PW-4 B- 3M	7125531 7120727	7/11/2013 7/8/2013	< 1.0 < 1.0	< 0.80 < 0.80	1.2 J 1.7 J	< 0.80 1.2 J	< 2.0 < 2.0	< 0.80 2.8 J	160	162.8	1.5 J 1.1 J	100	3.0 J 22	< 0.80 < 0.80
B- 4M	7120727	7/8/2013	< 1.0	< 0.80	1.7 J	0.81 J	< 2.0	5	89	94	< 0.80	28	10	< 0.80
B- 5M	7120733	7/9/2013	< 1.0	< 0.80	< 1.0	< 0.80	< 2.0	< 0.80	3.4 J	3.4	< 0.80	25	< 1.0	< 0.80
B- 6M	7128199	7/15/2013	< 1.0	< 0.80	< 1.0	< 0.80	< 2.0	< 0.80	12	12	< 0.80	160	< 1.0	< 0.80
B- 7M	7122567	7/9/2013	< 1.0	< 0.80	< 1.0	< 0.80	< 2.0	< 0.80	0.94 J	0.94	< 0.80	5.2	< 1.0	< 0.80
B- 8M	7117030	7/2/2013	< 10	< 8.0	< 10	< 8.0	< 20	< 8.0	770	770	< 8.0	21000	18 J	< 8.0
B- 9M	7117034	7/2/2013	< 1.0	< 0.80	< 1.0	< 0.80	< 2.0	< 0.80	< 0.80	< 0.80	< 0.80	3.2 J	< 1.0	< 0.80
B-10M	7117035	7/2/2013	< 1.0	< 0.80	< 1.0	< 0.80	< 2.0	< 0.80	3.2 J	3.2	2.1 J	28	< 1.0	< 0.80
B-11M	7117036	7/2/2013	< 1.0	< 0.80	< 1.0	< 0.80	< 2.0	< 0.80	4.3 J	4.3	< 0.80	81	< 1.0	4.4 J
B-12M	7122571	7/9/2013	< 1.0	< 0.80	4.7 J	1.8 J	< 2.0	2.1 J	80	82.1	8.8	490	< 1.0	< 0.80
B-13M	7120723	7/8/2013	< 1.0	< 0.80	26	5.2	< 2.0	4.2 J	460	464.2	4.2 J	610	17	1.5 J
B-14M	7122569	7/9/2013	< 1.0	< 0.80	< 1.0	< 0.80	< 2.0	< 0.80	28	28	< 0.80	54	< 1.0	< 0.80
B-15M	7123810	7/10/2013	< 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-16M	7122570	7/9/2013	< 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-17M	7120732	7/8/2013	< 2.0	< 1.6	76	47	< 4.0	51	10000	10051	14	5200	1200	4.1 J
B-18M	7117032	7/2/2013	< 1.0	< 0.80	< 1.0	< 0.80	< 2.0	< 0.80	6.8	6.8	< 0.80	29	1.7 J	< 0.80
B-19M B-20M	7120734 7128198	7/8/2013 7/15/2013	< 1.0 < 1.0	< 0.80 < 0.80	< 1.0 < 1.0	< 0.80 < 0.80	< 2.0 < 2.0	< 0.80 < 0.80	2.9 J < 0.80	2.9 < 0.80	< 0.80 < 0.80	< 1.0 < 1.0	< 1.0 < 1.0	< 0.80 < 0.80
B-20M	7125196	7/13/2013	< 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-21M B-22M	7125534	7/11/2013	< 1.0	< 0.80	1.2 J	< 0.80	< 2.0	5.7	150	155.7	< 0.80	53	< 1.0	< 0.80
B-23M	7129889	7/16/2013	< 1.0	< 0.80	3.4 J	0.91 J	< 2.0	2.2 J	190	192.2	1.4 J	170	9.3	< 0.80
B-24M	7129892	7/16/2013	< 1.0	< 0.80	< 1.0	< 0.80	< 2.0	< 0.80	1.9 J	1.9	< 0.80	3.7 J	< 1.0	< 0.80
B-26M	7122565	7/9/2013	< 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-28M	7125535	7/11/2013	< 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-29M	7129890	7/16/2013	< 1.0	< 0.80	< 1.0	< 0.80	< 2.0	< 0.80	0.93 J	0.93	< 0.80	< 1.0	< 1.0	< 0.80
B-31M	7122566	7/9/2013	< 1.0	< 0.80	< 1.0	< 0.80	< 2.0	< 0.80	3.4 J	3.4	< 0.80	< 1.0	< 1.0	< 0.80
B-32M	7128195	7/15/2013	< 1.0	< 0.80	1.1 J	< 0.80	< 2.0	1.4 J	43	44.4	< 0.80	31	4.5 J	< 0.80
B-33M	7129891	7/16/2013	< 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	7125532	7/11/2013	< 1.0	< 0.80	1.6 J	0.94 J	< 2.0	1.4 J	60	61.4	< 0.80	52	1.9 J	< 0.80
B-39M	7117041	7/2/2013	< 1.0	< 0.80	< 1.0	< 0.80	< 2.0	< 0.80	1.8 J	1.8	< 0.80	6.8	< 1.0	< 0.80
B-40M	7117040	7/2/2013	< 1.0	< 0.80	< 1.0	< 0.80	< 2.0	< 0.80	2.6 J	2.6	< 0.80	2.6 J	< 1.0	< 0.80
B-41M	7117037	7/2/2013	< 1.0	< 0.80	< 1.0	< 0.80	< 2.0	< 0.80	5.7	5.7	< 0.80	< 1.0	< 1.0	< 0.80
B-42M	7120728	7/8/2013	< 1.0	< 0.80	< 1.0	< 0.80	< 2.0	< 0.80	4.9 J	4.9	< 0.80	3.2 J	< 1.0	< 0.80
B-43M B-44M	7120729 7120733	7/8/2013 7/8/2013	< 1.0 < 1.0	< 0.80 < 0.80	< 1.0 7.7	< 0.80 < 0.80	< 2.0 < 2.0	< 0.80 < 0.80	5 10	5 10	< 0.80 < 0.80	2.4 J 4.5 J	1.5 J 5.1	< 0.80
B-44M B-45M	7120733	7/8/2013	< 1.0	< 0.80	< 1.0	< 0.80	< 2.0	< 0.80	< 0.80	< 0.80	< 0.80	4.5 J < 1.0	< 1.0	< 0.80 < 0.80
B-45M	7128196	7/15/2013	< 1.0	< 0.80	< 1.0	< 0.80	< 2.0	< 0.80	49	49	< 0.80	10	2.5 J	< 0.80
B-48M	7122577	7/9/2013	< 1.0	< 0.80	< 1.0	< 0.80	< 2.0	< 0.80	< 0.80	< 0.80	< 0.80	1.2 J	< 1.0	< 0.80
B-49M	7122574	7/9/2013	< 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-50M	7128201	7/15/2013	< 1.0	< 0.80	< 1.0	< 0.80	< 2.0	1.4 J	20	21.4	< 0.80	83	< 1.0	< 0.80
B-52M	7128207	7/15/2013	< 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-53M	7128206	7/15/2013	< 1.0	< 0.80	< 1.0	< 0.80	< 2.0	< 0.80	1.3 J	1.3	< 0.80	6.7	< 1.0	< 0.80
B-54M	7128205	7/15/2013	< 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-55M	7128204	7/15/2013	< 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	7129886	7/16/2013	< 1.0	< 0.80	< 1.0	< 0.80	< 2.0	< 0.80	4.6 J	4.6	< 0.80	21	< 1.0	< 0.80
B-57M	7129885	7/16/2013	< 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-58M	7129893	7/16/2013	< 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-59M	7123808	7/10/2013	< 1.0	< 0.80	< 1.0	< 0.80	< 2.0	< 0.80	0.90 J	0.9	< 0.80	< 1.0	< 1.0	< 0.80
B-60M	7123811	7/10/2013	< 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-61M	7123809	7/10/2013	< 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-62M	7123803	7/10/2013	< 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-63M	7123802	7/10/2013	< 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-64M B-65M	7123804 7123805	7/10/2013 7/10/2013	< 1.0 < 1.0	< 0.80 < 0.80	< 1.0 < 1.0	< 0.80 < 0.80	< 2.0 < 2.0	< 0.80 < 0.80	< 0.80 < 0.80	< 0.80 < 0.80	< 0.80 < 0.80	< 1.0 < 1.0	< 1.0 < 1.0	< 0.80 < 0.80
B-65M B-66M	7123805	7/10/2013	< 1.0 < 1.0	< 0.80	< 1.0 < 1.0	< 0.80	< 2.0	< 0.80	< 0.80	< 0.80	< 0.80	< 1.0 < 1.0	< 1.0	< 0.80
B-67M	7123807	7/10/2013	< 1.0	< 0.80	< 1.0	< 0.80	< 2.0	< 0.80	< 0.80	< 0.80	< 0.80	< 1.0	< 1.0	< 0.80
D-01 IAI	1123001	1/10/2013	< 1.0	< ∪.0∪	< 1.0	< ∪.0∪	< ∠.∪	< ∪.0∪	< ∪.0∪	< ∪.0∪	< ∪.0∪	< 1.0	< 1.0	< 0.00

TABLE 5

GROUNDWATER REMEDIATION PERFORMANCE SUMMARY JULY 2013 QUARTERLY SAMPLING EVENT THE FORMER CARBORUNDUM FACILITY SANBORN, NEW YORK

P-2	Well	Category	Units	July	August	September
P-2		ŭ ,		2013	2013	2013
Uptime			Days	31	31	30
Average Flow (gpm)	P-2					
Total Flow						98%
VOC Concentration		Average Flow				
Total Contaminant Removed (lbs) 6.3 5.0 3.9 % of Total Flow 3.88% 3.64% 2.97%						
P-3						
P-3			(IDS)			
Uptime		% OF TOTAL FIOW		3.00%	3.04%	2.91%
Average Flow (gpm)	P-3	Uniting a	(0/)	000/	4000/	000/
Total Flow						
VOC Concentration		Total Flow				
Total Contaminant Removed						
P-4						
P-4			(103)			
Uptime	D /	70 0. 1044. 104		1	0.0.70	0.0070
Average Flow	F-4	Untime	(%)	98%	100%	98%
Total Flow		Average Flow				
VOC Concentration		Total Flow				
Total Contaminant Removed (ibs) 1.8 1.5 0.7 % of Total Flow 3.04% 3.23% 1.51% PW-1						
PW-1						
Uptime		% of Total Flow	` '	3.04%	3.23%	1.51%
Uptime	PW-1					
Average Flow (gpm) 33.70 31.51 31.03 Total Flow (gal) 1,772,476 1,416,133 1,352,144 VOC Concentration (ppb) 936 936 936 Total Contaminant Removed (lbs) 13.8 11.1 10.6 % of Total Flow 81.94% 82.30% 82.18% PW-3		Uptime	(%)	98%	100%	100%
Total Flow		Average Flow				
Total Contaminant Removed (lbs) 13.8 11.1 10.6		Total Flow	(gal)	1,772,476	1,416,133	1,352,149
Wo of Total Flow 81.94% 82.30% 82.18%			(ppb)			936
PW-3			(lbs)			
Uptime		% of Total Flow		81.94%	82.30%	82.18%
Average Flow	PW-3					
Total Flow		Uptime				100%
VOC Concentration		Average Flow				
Total Contaminant Removed (libs) 0.8 0.6 0.8						
% of Total Flow 8.16% 8.24% 10.64% Vaults Uptime (%) 98% 100% 100% Average Flow (gpm) 1.52 0.98 1.02 Total Flow (gal) 67,882 43,969 44,010 VOC Concentration (ppb) 895 895 895 Total Contaminant Removed (lbs) 0.5 0.3 0.3 0.3 % of Total Flow 3.14% 2.56% 2.67% GRS Total Uptime (%) 98% 100% 99% Average Flow (gpm) 24.06 22.09 20.56 Total Flow-Mechanical Effluent Meter (gal) 1,080,940 1,010,588 882,546 VOCs to Influent (ppm) 1538 903 867						
Vaults Uptime (%) 98% 100% 100% Average Flow (gpm) 1.52 0.98 1.02 Total Flow (gal) 67,882 43,969 44,010 VOC Concentration (ppb) 895 895 895 Total Contaminant Removed (lbs) 0.5 0.3 0.3 % of Total Flow 3.14% 2.56% 2.67% GRS Total (%) 98% 100% 99% Average Flow (gpm) 24.06 22.09 20.56 Total Flow-Mechanical Effluent Meter (gal) 1,080,940 1,010,588 882,546 VOCs to Influent (ppm) 1538 903 867			(lbs)			
Uptime (%) 98% 100% 100% Average Flow (gpm) 1.52 0.98 1.02 Total Flow (gal) 67,882 43,969 44,010 VOC Concentration (ppb) 895 895 895 Total Contaminant Removed (lbs) 0.5 0.3 0.3 % of Total Flow 3.14% 2.56% 2.67% GRS Total Uptime (%) 98% 100% 99% Average Flow (gpm) 24.06 22.09 20.56 Total Flow-Mechanical Effluent Meter (gal) 1,080,940 1,010,588 882,546 VOCs to Influent (ppm) 1538 903 867		% OF TOTAL Flow		8.16%	8.24%	10.64%
Average Flow (gpm) 1.52 0.98 1.02 Total Flow (gal) 67,882 43,969 44,010 VOC Concentration (ppb) 895 895 895 Total Contaminant Removed (lbs) 0.5 0.3 0.3 % of Total Flow 3.14% 2.56% 2.67% GRS Total Uptime (%) 98% 100% 99% Average Flow (gpm) 24.06 22.09 20.56 Total Flow-Mechanical Effluent Meter (gal) 1,080,940 1,010,588 882,546 VOCs to Influent (ppm) 1538 903 867	Vaults	11.2	(0.1)		4055	
Total Flow						
VOC Concentration (ppb) 895 895 895 Total Contaminant Removed (lbs) 0.5 0.3 0.3 % of Total Flow 3.14% 2.56% 2.67% GRS Total Uptime (%) 98% 100% 99% Average Flow (gpm) 24.06 22.09 20.56 Total Flow-Mechanical Effluent Meter (gal) 1,080,940 1,010,588 882,546 VOCs to Influent (ppm) 1538 903 867						
Total Contaminant Removed						
% of Total Flow 3.14% 2.56% 2.67% GRS Total Uptime (%) 98% 100% 99% Average Flow (gpm) 24.06 22.09 20.56 Total Flow-Mechanical Effluent Meter (gal) 1,080,940 1,010,588 882,546 VOCs to Influent (ppm) 1538 903 867						
GRS Total Uptime (%) 98% 100% 99% Average Flow (gpm) 24.06 22.09 20.56 Total Flow-Mechanical Effluent Meter (gal) 1,080,940 1,010,588 882,546 VOCs to Influent (ppm) 1538 903 867	1		(102)			
Uptime (%) 98% 100% 99% Average Flow (gpm) 24.06 22.09 20.56 Total Flow-Mechanical Effluent Meter (gal) 1,080,940 1,010,588 882,546 VOCs to Influent (ppm) 1538 903 867	CDC Tatal	70 01 10tal 1 10W		J. 14 /0	2.50 /0	2.01 /0
Average Flow (gpm) 24.06 22.09 20.56 Total Flow-Mechanical Effluent Meter (gal) 1,080,940 1,010,588 882,546 VOCs to Influent (ppm) 1538 903 867	GKS TOTAL	Untimo	(0/)	000/	1000/	000/
Total Flow-Mechanical Effluent Meter (gal) 1,080,940 1,010,588 882,546 VOCs to Influent (ppm) 1538 903 867						
VOCs to Influent (ppm) 1538 903 867						
II I I I I I I I I I I I I I I I I I I		Total Contaminant Removed	(lbs)	13.9	7.6	6.4

Notes:

- 1. For the period of 7/1/13 to 9/30/13.
- 2. Uptime estimated and reflects potential uptime.
- 3. Flow rates are estimated throughout the period due to meter malfunctions.
- 4. Total contaminant removal from each well is calculated using the flow through the meter at the well head.
- 5. VOC Concentration (in a given well) equals the sum of the compounds cis-1,2-DCE, trans-1,2-DCE, 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

			MONITORING	M Enterprises, In WELL SAMPLING BP, Sanborn, NY	ic. FIELD FOR	M			
Monitoring Well I.D.:	3	Date: 7/8	13	Time Started: //3	35	Field Personnel:		RC Becken	
Weather Conditions:	may hot	himsel				1		110 200	
Comments:									
			<u>_</u>	nitial Readings					
Measured Well Bottom (TOR				Riser Pipe Diamete		2 in.			
Measured Water Level (TOR -				Conversion Factor	r (gai/lineal ft)) 1.2	25" = 0.08	2" = 0.17	3" = 0.38
Calculated Water Column Heig	ight (ft) /0-/	6		(Circle One)			= 0.66	6" = 1.50	8" = 2.6 0
One Well Volume (gals.)	13	· · · · · · · · · · · · · · · · · · ·		FiveWell Volumes	(gals.) 🎇	.64			
Notes.			V	"-II Oditions					
Well Riser Type (Circle one):		Stainle		Vell Conditions					
Casing Condition:	OK	Stainles Repair Require	ess Steel	Carbon St	teel	PVC			
Cap Condition:	OK)	Repair Require						<u> </u>	
Paint Condition:	OK)	Repair Require							
Lock Condition:	<u> </u>	Repair Require							
Inner Casing Condition:	(OK)	Repair Require							
Surface Seal Condition:	OK	Repair Require							
Other:		Trapes	<u> </u>						
			Pu	rge Information	1				
Purging Method (Circle one):		Stainless (Steel Bailer	Peristaltic P		Samı	ole Port (Pu	ımping Wells On	
		Teflon		Polyethylene		Other: PUIAC		mping wens on	<u>(Y)</u>
Veil Volume	Gallons Purged (gal)	Temperature (deg C)	Specific Conductivity (mS/cm)	Turbidity (NTU's)		Commen	1		
1.73	~ 1.75	56.7 53.9 82.7 53.3	1.15 1.19 1.18 1.18	312 279 239 184					
Comments: Amount purged		- A - %		pling Informatio					
	Time Sampled:		Field Personnel:	t RC	C Becken				
Measured Water Level (TOR ft.							·		
Sampling Method (Circle one):		Stainless St		Peristaltic Pu			le Port (Pur	mping Wells Only	y)()
Sample		Teflon		Polyethylene I	Baiter (Other:			
Sample I.D.	Temperature (don C)	pH	Specific Conductivity	Turbidity		Comment	S		
B-3	(deg C)	7.48	(mS/cm)	(NTU's)	Ants in	well			İ
									
QA/QC Samples Taken:	,								
Comments:									
				Signature					
Sampler (Print):	Richard C. Beck	ken (Sampler (signatu		DC &	selv.		Date: 7 8	3

			MONITORING	M Enterprises WELL SAMPLIN BP. Sanborn, N	NG FIELD FO	RM			
Monitoring Well I.D.: 13-4	4	Date: 7/%	13	Time Started:	1410	Field Pr	ersonnel:	RC Becken	
Weather Conditions: 50	unny hot						A COUNTY OF THE PARTY OF THE PA	_ NO Dome.	
Comments:	ι								
		 		initial Reading	gs				
Measured Well Bottom (TOR		4		Riser Pipe Dian		2 in.			
Measured Water Level (TOR				Conversion Fac	ctor (gal/linea	Ift)	1.25" = 0.08	2"=0.47	3" = 0.38
Calculated Water Column He	eight (ft)			(Circle One)			4" = 0.66	6" = 1.50	8" = 2.60
One Well Volume (gals.)	1.15			FiveWell Volum	nes (gals.) 🔑	576			
Notes:				-1 ** 0					7
Well Riser Type (Circle one):		Stoinle		Well Condition					
Casing Condition:		1	ess Steel	Cartoor	on Steel		PVC		
Cap Condition:	OR	Repair Required							
Paint Condition:	OK OK	Repair Required							
Lock Condition:	(OK)	Repair Required Repair Required							
Inner Casing Condition:	OK)	Repair Required							
Surface Seal Condition:	OK	Repair Required							
Other:		Nepail Medanes	1:						
			Pu	ırge Informati	ion				
Purging Method (Circle one):		Stainless S			tic Pump		Comple Port (Pr		
·		Teflon		Polyethyle		Other:	Sample Port (Pu	imping vveits Or	nly)
Volume	Gallons Purged (gal) ~/.2 ~1.1	(deg C)	Specific Conductivity (mS/cm) (.2)	Turbidity (NTU's) ! 59	welle	mpty	Comments		
Date: 7 8 13	ed ~ 2.5 q	1435 F	Samp Field Personnel	pling Informa	ation R C Becken				
Measured Water Level (TOR f		·			·				
Sampling Method (Circle one):	<u>. </u>	Stainless St		Peristaltic			Sample Port (Pur	mping Wells Or	nly)
		Teflon E		Polyethyler	ne Bailer	Other:			
Sample I.D.	(deg C)	(S.U.)	Specific Conductivity (mS/cm)	Turbidity (NTU's)			Comments		-
QA/QC Samples Taken:									
				Signature					
					<u> </u>	1 (1)			
Sampler (Print):	Richard C. Beck	en ۶	Sampler (signatu	ure):	whi	- Yseck	~ <u> </u>	Date: 7 8	13

Monitoring Well			Date: 7[9]	<u> </u>	Time Started:	1220	Field Person	nel:	RC Becken	
Weather Condit	ions:	ercust								
Comments:										
	-			·····	nitial Readin	<u> </u>	 			
Measured Well	Bottom (TOR	-ft) 37.0	Z		T					
Measured Water					Riser Pipe Dia		2 in.	4.050 0.00	6	
Calculated Water					Conversion Fa (Circle One)	ictor (gaminea	II TE)	1.25" = 0.08	2" = 0.17	3" = 0.38
One Well Volum		1.17			FiveWell Volum	noe (aple)	26.8	4" = 0.66	6" = 1.50	8" = 2.60
Notes:	(3)				Ti isessen som	rics (gais.)	<i>D</i> •• <i>D</i>		··	
				V	Veli Conditio	ns				
Well Riser Type	(Circle one):		Stainle	ess Steel		n Steel		PVC		
Casing Conditio	-	OK	Repair Require			I OLGGI		FVC		
Cap Condition:		(OK)	Repair Require	· · · · · · · · · · · · · · · · · · ·					·	 -
Paint Condition:		OK	Repair Require			· .	-, -,			
Lock Condition:		6K	Repair Require		<u> </u>	ruin"		·		
Inner Casing Co	ndition:	OK	Repair Require			V				
Surface Seal Co		(K)	Repair Require			· .			· .	
Other:				 -						
				Pu	rge Informat	ion			···	
Purging Method	(Circle one):	···	Stainless	Steel Bailer		tic Pump	···	Sample Port (P	umping Walle C	inka)
				n Bailer		ene Bailer	Other: PLY	an elm	uniping vvens C	rilly)
	Well	Galions	Temperature	Specific	Turbidity			7 7		
i i	Volume	Purged		Conductivity			Cor	nments		
1		(gal)	(deg C)	(mS/cm)	(NTU's)		00,	michia		
	4.17	~4.2	54.4	0.53	736					1
		~8.4	53.8	0.5/	985					1
ſ		~/2.6	53.2	0.58	360		·		-	1
		~100.0	52.6	0.60	152			 -		
				0-00	7.00			· .		1
Comments: A	mount purge	al sal							·	-
				Sam	pling Informa	ation		·		
Date: 7 9 1;	3	Time Sampled:	1250	Field Personne		R C Becken		-		
Measured Water					•				•	
Sampling Method			Stainless	Steel Baller	Peristalt	ic Pump		Sample Port (Pa	ımpina Wells ∩	niv)
				Bailer		ene Bailer	Other:	Campio i di c	Imping Holla O	1117/
	Sample	Temperature	рН	Specific	Turbidity					1
I .	i.D			Conductivity			Con	nments		
L	****	(deg C)	(S.U.)	(mS/cm)	(NTU's)					
	B-5	53.6	7.36	0.48	403					7
					*					1
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										1
DA/QC Samples	Taken:						<u> </u>			
comments:										

				MONITORING	G WELL SAMPL	LING FIELD FO	Orbin			
Monitoring V	Vell I.D.:	-10	Date: 1 1/4	Z1.2	Time Starter	halle-	leteral D	CAN CHEST	AND THE PERSON NAMED IN	1 300
	Initial Readings assured Well Bottom (TOR - ft) assured Well Pottom (TOR - ft) culated Water Level (TOR - ft) culated Water Column Height (ft) is Well Volume (gals.) is Well Volume (gals.) is Well Conditions It Riser Type (Circle one): Stainless Steel Repair Required: ing Condition: (b) Repair Required: Repair Required: Repair Required: is Candition: (casing Condition: (b) Repair Required: Repair Required: is Casing Condition: (casing Condition: (d) Repair Required: is Casing Condition: (d) Repair Required: (a) (d) (deg C) (mSicm) (NTUs) And S Initial Readings Riser Pipe Diameter (in) 2 Conversion Factor (galtine) for Conductions (casing Conditions) (deg C) (mSicm) (NTUs) And S Initial Readings Riser Pipe Diameter (in) 2 Conversion Factor (galtine) for Conductions (casing Conditions) (deg C) (mSicm) (NTUs) And S Initial Readings Riser Pipe Diameter (in) 2 Conversion Factor (galtine) for Conductions (in Conditions (in Conditi		Filelo re	ersonnel:	RC Becken					
Comments:										
										
					Initial Readi	ngs				
							2 in.			
			,					1.25" = 0.0	0.08 (2"=0.17	3" = Q.38
			.হঠ		1			4" = 0.66		8" = 2.60
	ume (gals.)	2.18			FiveWell Volu	umes (gals.)	10.9		<u>=</u>	B 2.00
Notes:										
										
					€arb	on Steel		PVC		
Casing Condition							-			
Cap Condition										
Paint Condition										
Lock Condition			_							
	Condition:	<u> </u>	Repair Requir	ıred:						
Other:										
Mothy	· (At-la cna):		21.1.1							
Andua Meno	d (Circle one).							Sample Port	t (Pumping Wells On	n(y)
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Comments:	Amount purge	n & 600	<i></i>							
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nate: 11/15/	ix	Trime Sampled	1230							
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			Stainless	Ctool Reiler						
	~						Cibor	Sample Port	(Pumping Wells Onl	iy)
1	Sample	Temperature	I de la companya de l	All the second second second	The second second	ane parge	Other:			
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				7	Signature					
/D-init						$\sim 0^{-\zeta}$	$\overline{\Box}$			7
ampler (Print):		Richard C. Beck	ken '	Samplet (signatu	ture):	Le VC	Bel		Date: 7/15	1/2

Sampler (Print):

Date: 7/15/13

Monitoring West D.:		-10			MONITORING	M Enterprises, MELL SAMPLING				
Initial Readings						BP, Sanborn, NY				
Initial Readings River Pipe Diameter (in) 2 in Repair Required Welf Elevel (TOR - II) 5, 24 Conversion Factor (galfineal III) 1,25° = 0.06 2° = 0,57 3° = 0.38 2° = 2.80 2° = 2.	Monitoring Well I.D.	B-7		Date: 7(91	13	Time Started:)O F	eld Personnel:	RC Becken	
Initial Readings	Weather Conditions	· ore	least							
Accounted Welf Bottom (TOR - 1) 1/2 - 5 Riser Ploe Diameter (in) 2 in.	Comments:									
Accounted Welf Bottom (TOR - 1) 1/2 - 5 Riser Ploe Diameter (in) 2 in.										
Conversion Factor (galfilneal ft) 1.25" = 0.08 2 = 0.17 3" = 0.38 Conversion Factor (galfilneal ft) 1.25" = 0.08 2" = 2.00 2" = 1.50 3" = 0.38 Conversion Factor (galfilneal ft) 1.25" = 0.08 2" = 2.00 2" = 1.50 3" = 2.00 Conversion Factor (galfilneal ft) 1.25" = 0.08 2" = 2.00 2" = 1.50 3" = 2.00 Conversion Factor (galfilneal ft) 1.25" = 0.08 2" = 2.00 2" = 2.00 Conversion Factor (galfilneal ft) 1.25" = 0.08 2" = 2.00 2" = 2.00 Conversion Factor (galfilneal ft) 1.25" = 0.08 2" = 2.00 2" = 2.00 Conversion Factor (galfilneal ft) 1.25" = 0.08 2" = 2.00 2" = 2.00 2" = 2.00 Conversion Factor (galfilneal ft) 1.25" = 0.08 2" = 2.00 2" = 2.00 Conversion Factor (galfilneal ft) 1.25" = 0.08 2" = 2.00 2" = 2.00 Conversion Factor (galfilneal ft) 1.25" = 0.08 2" = 2.00 2" = 2.00 Conversion Factor (galfilneal ft) 1.25" 2.00 Conversion Factor (galfilneal ft) 1.25" 2.00 Conversion Factor (galfilneal ft) 1.25" 2.00 Conversion Factor (galfilneal ft) 2.00 Conversion Factor (galfillneal ft) 2.00 Conversion Facto						nitial Readings	1			
Stainless Stee Cerbon Steel PVC	Measured Well Bott	tom (TOR -	ft) 18-95	<u> </u>		Riser Pipe Diam	eter (in) 2	ín.		
Stainless Steel Carbon Steel PVC Carbon Steel Carbon Steel PVC Carbon Steel Carbon Steel Carbon Steel Carbon Steel PVC Carbon Steel PVC Carbon Steel Carbon Steel Carbon Steel Carbon Steel PVC Carbon Steel C	Measured Water Le	vel (TOR -	ft) 5.2	9		Conversion Fact	or (gal/lineal ft)	1.25" =	0.08 2" = 0.17	3" = 0.38
Notes: Well Conditions Stainless Steel Carton Steel PVC	Calculated Water C	olumn Heig	ht (ft) 13	6		(Circle One)		4" = 0.6	6 6" = 1.50	8" = 2.60
Well Carbon Steel PVC Carbon Steel Carbon Steel PVC Carbon Steel Carbon Steel Carbon Steel PVC Carbon Steel	One Well Volume (g	gals.) 🤰	3			FiveWell Volume	s (gals.) 🖊 🏒	2		
Nell Riser Type (Circle one): Stainless Steel Carbon Steel PVC	Notes:									
Repair Required: AR AR Repair Requi					٧	Vell Condition	5			
Cap Condition: District Condition: District Condition: District Captured: District C	Well Riser Type (Cir	rde one):		Stainle	ss Steel	Carbon	Steel	PVC		
Repair Required: April April Repair Required: April	Casing Condition:		OK	Repair Require	d: needs	seoul/				
Cook Condition: OK Repair Required: Cook Not Lock	Cap Condition:		OK	Repair Require		<u>ہ ا</u>				
Repair Required: OK OK OK OK OK OK OK O	Paint Condition:		<u>OK</u>	Repair Require	d:					
Surface Seal Condition: Continue Contin	Lock Condition:		ÓK	Repair Require	d: can n	ot lack				
Purging Method (Circle one): Stainless Steel Baller Tefton Bailer Conductivity (que) Volume Purged (que)	inner Casing Condit	tion:	OK	Repair Require	d:					
Purgling Method (Circle one): Stainless Steel Bailer Perstatilic Pump Sample Port (Pumping Wells Only) Teffor Bailer Perstatilic Pump Sample Port (Pumping Wells Only) Teffor Bailer Perstatilic Pump Sample Port (Pumping Wells Only) Temperature Specific Conductivity (gel) (deg C) (mS/cm) (NTU's) 2	Surface Seal Condit	tion:	(OK)	Repair Require	d.					
Teflon Bailer Fortigling Method (Circle one): Stainless Steel Bailer Fortigling Method (Circle one): Teflon Bailer Fortigling Method (Circle one): Teflon Bailer Fortigling Method (Circle one): Well Gallons Temperature Specific Conductivity Conductivity (gel) (deg C) (mS/cm) (NTUs) 2.3 ~ 2.3 55.1 0.75 137 ~ 4.4 54.3 0.75 3.5 ~ 9.2 53.2 0.75 16 Sampling Information Date: 79.2 53.2 0.75 16 Sampling Information Time Sampled: 10.25 Field Personnel: R C Becken Reasured Water Level (TOR ft.): 5.45 Sampling Method (Circle one): Stainless Steel Bailer Fortigling Method (Circle one): Teflon Bailer Fortigling Method (Circle one): Teflon Bailer Fortigling Method (Circle one): Stainless Steel Bailer Perstatilic Pump Sample Port (Pumping Wells Only): Comments (deg C) (S.U) (mS/cm) (NTUs) Comments: Steel Bailer Fortigling Method (Circle one): Stainless Steel Bailer Fortign Steel Bailer Fortigling Method (Circle one): Stainless Steel B	Other:									
Teflon Baller Well Gallons Temperature Specific Turbidity Volume Purged (gel) (deg C) (ms/cm) (NTUs) 2.3 -2.3 65.1 0.75 /3.7 - 4.4 54.3 0.75 3.5 - 4.9 63.9 0.75 /6 - 9.2 53.2 0.75 /6 Sampling Information Date: 19/3 ITIME Sampled: /025 Field Personnel: R C Becken Reasured Water Level (TOR ft.): 5.4 5 Sample Temperature pH Specific Turbidity LD. (deg C) (S.U) (ms/cm) (NTUs) Sample Temperature pH Specific Conductivity (ms/cm) (NTUs) Sample Temperature pH Specific Conductivity (ms/cm) (NTUs) SAVQC Samples Taken: Comments: Signature					Pu	ırge Informatic	n			<u> </u>
Well Gallons Purged (get) (deg C) (mS/cm) (NTU's) 2.3 -2.3 55.1 0.75 16 -2.9 53.9 0.75 16 -2.9 53.9 0.75 16 -2.9 53.9 0.75 16 -2.9 53.9 0.75 16 -2.10 Sampling Information Date: 19/6 Time Sampled: 1025 Field Personnel: R C Becken Measured Water Level (TOR ft.): 5.45 Bampling Method (Circle one): Stainless Steel Bailer Peristaltic Pump Sample Port (Pumping Wells Only) Teffon Bailer Polyethytene Bailer Other: Sample Temperature pH Specific Turbidity Comments (deg C) (S.U) (mS/cm) (NTU's) DAVQC Samples Taken: Comments: Signature	Purging Method (Cir	rcle one):		Stainless :	Steel Bailer	<u>Peristaltio</u>	Pump	Sample P	ort (Pumping Wells Or	nly) '
Volume Purged (gel) (deg C) (mS/cm) (NTU's) Comments 2.5 - 2.7 65.1 0.75 /37 2.4 4 5 3.2 0.75 3.5 - 2.9 63.2 0.75 16 Comments: Amount purged /2 9cl Sampling Information Date: 71/3 Time Sampled: 1025 Field Personnel: R C Becken Measured Water Level (TOR ft.): 5, 45 Sampling Method (Circle one): Stainless Steel Bailer Peristatic Pump Sample Port (Pumping Wells Only) Terfion Bailer Polyethylene Bailer Other: Sample Temperature pH Specific Conductivity (deg C) (S.U) (mS/cm) (NTU's) DAVQC Samples Taken: Comments: Signature				Teflor	Bailer	Polyethyle	e Bailer O	ther: Purae PL	my	
(gel) (deg C) (mS/cm) (NTU's)		Well	Gallons	Temperature	Specific	Turbidity				
2 3 2 3 5 6 7 5 7 7 7 7 7 7 7 7		Volume	Purged		Conductivity			Comments		1
Comments: Amount purged /2 9cl Sampling Information Date: 19/3 Time Sampled: 1025 Field Personnel: R C Becken Measured Water Level (TOR ft.): 5, 45 Sampling Method (Circle one): Stainless Steel Bailer Peristaltic Pump Sample Port (Pumping Wells Only) Teffon Bailer folyethylene Bajler Other: Sample Temperature pH Specific Turbudity Conductivity (NTU's) (deg C) (S.U) (mS/cm) (NTU's) DA/QC Samples Taken: Comments: Signature										1
Comments: Amount purged 12 gcl Sampling Information Date: 719/3 Time Sampled: 1025 Field Personnel: R C Becken Aleasured Water Level (TOR ft.): 5, 45 Sampling Method (Circle one): Stainless Steel Bailer Peristaltic Pump Sample Port (Pumping Wells Only) Teflon Bailer Folyethylene Bajler Other: Sample Temperature pH Specific Turbidity Conductivity (deg C) (S.U) (mS/crn) (NTU's) B-7 52.16 6,99 0.75 7 DA/QC Samples Taken: Comments: Signature		2.3	~2,3							1
Comments: Amount purged 12 9cl Sampling Information Date: 719/3 Time Sampled: 1025 Field Personnel: R C Becken Measured Water Level (TOR ft.): 5, 45 Sampling Method (Circle one): Stainless Steel Bailer Peristaltic Pump Sample Port (Pumping Wells Only) Teffon Bailer Peristaltic Pump Sample Port (Pumping Wells Only) Teffon Bailer Turbuilty Conductivity Comments (deg C) (S.U) (mS/cm) (NTU's) B-7 52.6 6,99 0.75 7			24.6	*		35		- 10	<u> </u>	1
Sampling Information Date: 719/3 Time Sampled: 1025 Field Personnel: R C Becken Measured Water Level (TOR ft.): 5, 45 Sampling Method (Circle one): Stainless Steel Bailer Peristaltic Pump Sample Port (Pumping Wells Only) Teflon Bailer Polyethylene Baller Other: Sample Temperature pH Specific Turbuity Conductivity (Conductivity (NTU's) B-7 52,6 6,99 0.75 7			~6.9	17 71	0.75	16				
Sampling Information Date: 719/3 Time Sampled: 1025 Field Personnel: R C Becken Measured Water Level (TOR ft.): 51.45 Sampling Method (Circle one): Stainless Steel Bailer Peristaltic Pump Sample Port (Pumping Wells Only) Teffon Bailer Folyethylene Bailer Other: Sample Temperature pH Specific Turbidity Conductivity Comments (deg C) (S.U) (mS/cm) (NTU's) B-7 52.6 6.99 0.75 7			~ 9,2	53.2	0.75	10				1
Sampling Information Date: 719/3 Time Sampled: 1025 Field Personnel: R C Becken Measured Water Level (TOR ft.): 51.45 Sampling Method (Circle one): Stainless Steel Bailer Peristaltic Pump Sample Port (Pumping Wells Only) Teffon Bailer Folyethylene Bailer Other: Sample Temperature pH Specific Turbidity Conductivity Comments (deg C) (S.U) (mS/cm) (NTU's) B-7 52.6 6.99 0.75 7										
Sampling Information Date: 719/3 Time Sampled: 1025 Field Personnel: R C Becken Measured Water Level (TOR ft.): 51.45 Sampling Method (Circle one): Stainless Steel Bailer Peristaltic Pump Sample Port (Pumping Wells Only) Teffon Bailer Folyethylene Bailer Other: Sample Temperature pH Specific Turbidity Conductivity Comments (deg C) (S.U) (mS/cm) (NTU's) B-7 52.6 6.99 0.75 7										
Date: 7(9/3 Time Sampled: 1025 Field Personnel: R C Becken Measured Water Level (TOR ft.): 5, 45 Sampling Method (Circle one): Stainless Steel Bailer Peristaltic Pump Sample Port (Pumping Wells Only) Teflon Bailer Folyethylene Bajlier Other: Sample Temperature pH Specific Turbudity Conductivity Conductivity Conductivity Conductivity Conductivity Conductivity Comments A/QC Samples Taken: Signature Signature	Comments: Amo	ount purged	1290	l						
Measured Water Level (TOR ft.): 5,45 Sampling Method (Circle one): Stainless Steel Bailer Peristaltic Pump Sample Port (Pumping Wells Only) Teffon Bailer Royethylene Bajler Other: Sample Temperature pH Specific Turbidity Conductivity (MTU's) (deg C) (S.U) (mS/cm) (NTU's) A/QC Samples Taken: Signature					Sam	pling informa	tion			
Measured Water Level (TOR ft.): 5,45 Sampling Method (Circle one): Stainless Steel Bailer Peristaltic Pump Sample Port (Pumping Wells Only) Teffon Bailer Royethylene Bajler Other: Sample Temperature pH Specific Turbidity Conductivity (MTU's) (deg C) (S.U) (mS/cm) (NTU's) A/QC Samples Taken: Signature	Date: フ(タ/3		Time Sampled:	1025	Field Personne	el: F	C Becken			
Teffon Bailer Folyethylene Bailer Other: Sample Temperature pH Specific Turbidity Comments	Measured Water Le		15.45							
Sample Temperature pH Specific Turbidity LD. (deg C) (S.U) (mS/cm) (NTU's) B-7 52.6 6.99 0.75 7 DA/QC Samples Taken: Comments: Signature	Sampling Method (C	Circle one):		Stainless	Steel Bailer			Sample P	ort (Pumping Wells Or	nly)
1.D.				Teflor	Bailer	Polyethyler	e Bailer O	ther:		
(deg C) (S.U) (mS/cm) (NTU's) B-7 52.6 6.99 0.75 7 DA/QC Samples Taken: Comments: Signature	:	Sample	Temperature	pН	Specific	Turbidity				
B-7 52.6 6.99 0.75 7 DA/QC Samples Taken: Comments: Signature		I.D.			Conductivity			Comments		
DA/QC Samples Taken: Comments: Signature			(deg C)							4
Signature	B	7	52.6	6.99	0.75	7				4
Signature										4
Signature					-					4
Signature						1				
Signature	QA/QC Samples Ta	ken:								
	Comments:			<u> </u>					·	
Sampler (Print): Richard C. Becken Sampler (signature): P.D. 4 C. Bello Date 7 91/3						Signature			, ,	
	Sampler (Print)		Richard C Rec	ken	Sampler (signs	eture).	J. D. C. (Bello	Dete: 7 9 1	3

			MONITORING	M Enterprises, Inc. WELL SAMPLING FIEI BP, Sanborn, NY	LD FORM			
				Br Sanborn, W				
Monitoring Well I.D.: B-8		Date: 7(2/	/3	Time Started: 0820) Field F	Personnel:	RC Becken	
	encount							
Comments:								
								
TOV	- 17 4		17	Initial Readings				
Measured Well Bottom (TOR				Riser Pipe Diameter (i				
Measured Water Level (TOR		-		Conversion Factor (ga	al/lineal ft)	1.25" = 0.08	2" = 0.17 3"	" = 0.38
Calculated Water Column He One Well Volume (gals.)	2.4			(Circle One)	10 11	4" = 0.66	6" = 1.50 8"	" = 2.60
Notes:	17			FiveWell Volumes (gal	els.) 12,57			
Notes.				Well Conditions				
Well Riser Type (Circle one):	Λ.	Stain/						
Casing Condition:	OK)	Stainte Repair Require	less Steel	Carbon Steel	<u>/</u>	PVC		
Cap Condition:	OK OK	Repair Require						
Paint Condition:	(OK)	Repair Require						
Lock Condition:	(OK)	Repair Require						
Inner Casing Condition:	ØK)	Repair Require						
Surface Seal Condition:	OK OK	Repair Require			 -			
Other:		Itopen . vaga	30.					
			Pi	urge Information				
Purging Method (Circle one):	r	Stainless	s Steel Bailer	Peristaltic Pump		Sample Port (P	1- Malla Only	
			on Bailer	Polyethylene Bail			umping Wells Only)	
Well	Gallons	Temperature		Turbidity	lei J	porge V		
Volume	Purged		Conductivity			Comments		
	(gal)	(deg C)	(mS/cm)	(NTU's)		Odminicha		
2,4	~2.4	58.9	0.87	1,0004				
	~ 4.8	58.2	0.89	999				
	~ 7.4	57.1	0.92	868				
	~ 9.6	56.5	0.95	24				
	~ 11.6	56.0	0.95	18				
								
Comments: Amount purge	ged ~ 12.1							
1 4			Sam	pling information				
Date: 2 2 13	Time Sampled:	0850	Field Personnel		acken			
Measured Water Level (TOR								
Sampling Method (Circle one)	<i>)</i> :		Steel Bailer	Peristaltic Pump	0 7	Sample Port (Pu	umping Wells Only)	
		Teflor	n Bailer	Polyethylene Bail	iler Other:			
Sample	Temperature	pН	Specific	Turbidity				
I.D	A = 1		Conductivity			Comments		
20	(deg C)	(S.U.)	(mS/cm)	(NTU's)				
6-8	56.1	6.37	0 95	61				
	4		\perp					
	 							
		<u> </u>						
QA/QC Samples Taken:								
Comments:		<u>. </u>			<u> </u>			
				Signature				
Sampler (Print):	Richard C. Beck	ken	Sampler (signati	www. Kishal	C Beil-		Date: 7/2/3	,
the state of the s	1 Mari Dan a	1011	Continue (c.g.	ulaj. 4	arch-	<u></u> /	Date: 11-11-	<i>)</i>

					BP, Sanborn, N		ORM							
Monitoring \	Well I.D.: R-9	1	Date: 7/2/	113	Time Started:	1010	Field P	ersonnel:	RC Becken					
Weather Co		vercust					11 14	3001.10	150 booses.					
Comments:														
				·										
		2111			Initial Reading	gs								
	Well Bottom (TOR	R-ft) 2).16			Riser Pipe Diar	meter (in)	2 in.							
	Water Level (TOR				Conversion Fac	ictor (gal/line	al ft)	1.25" = 0.08	2" = 0.17	3" = 0.38				
	Water Column He		.79		(Circle One)			4" = 0.66	6" = 1.50	8" = 2.60				
	/olume (gals.)	2.51			FiveWell Volum	nes (gals.)	12:55	<u>5</u>	·					
Notes:										-				
					Well Condition									
	Type (Circle one):			ess Steel	Carbo	on Steel		PVC						
Casing Condition		OK)	_	Repair Required:										
Cap Condition		OK)	Repair Require	· · · · · · · · · · · · · · · · · · ·										
Paint Condit		(OK)	Repair Require	· · · · · · · · · · · · · · · · · · ·										
Lock Conditi		OR)	Repair Require											
Inner Casing		OK)	Repair Require							E)				
Surface Sea	al Condition:	OK OK	Repair Require	<u>∌d:</u>										
Other:														
May	· · · · · · · · · · · · · · · · · · ·		21 :-1		urge Informati									
Purging Meu	thod (Circle one):			Steel Bailer		tic Pump		and the second of the second of	Pumping Wells O	nly)				
-	tut-11	0.11-		n Bailer	T	ene Bailer	Other	purge pu	mp	— —				
	Veli	Gallons	Temperature		Turbidity				a					
	Volume	Purged		Conductivity				Comments		4				
l	1 2	(gal)	(deg C)	(mS/cm)	(NTU's)					4				
	2,51	N. L. S	54.9	15:43	18	_				_				
		2.5	53.7	0.43	 / / / 					4				
		17.3	55.1	0.46	6:					_				
1			53.6	0.48	15					_				
-		- 6			 									
Comments:	Amount name	od .			- 7.1									
Johnneins.	Amount purge	4	ANT											
Date: 7/2	2/13	Time Sampled:	INZA		pling Informa									
	Vater Level (TOR fi			Field Personnel	<u>i:</u>	R C Becken	<u> </u>							
	ethod (Circle one):				The state W									
SHIIDHING INC	Mod (Circle one).			Steel Bailer n Bailer	Peristaltic			Sample Port (Pr	umping Wells Or	nly)				
	Sample	Temperature			Rolyethyle	ne Bailer	Other:							
	Sample I.D	Temperaure	pH	Specific	Turbidity									
	1.15	(dea C)	(S.U.)	Conductivity	ALTERNA			Comments						
	B-9	(deg C)	7.64	(mS/c _i m)	(NTU's)					4				
		0.25	10.	\(\)	 					4				
		 	 							-[
	· · · · · · · · · · · · · · · · · · ·				 					4				
QA/QC Samp	nles Taken:				<u></u>					<u></u>				
Comments:	iles ranon.													
-					Signature									
					(,)		- ^							
ampler (Prin	ut).	Richard C. Beck	ken	Sampler (signa)	ture): \LQ_	00	Kd		71-	2/13				

				O8 MONITORING	M Enterprises, WELL SAMPLING BP. Sanborn, NY	G FIELD FO	PRM							
Monitoring W	ell I.D.: K-	10	Date: 7 2	113	Time Started: /	335	Field Perso	nnel:	RC Becken					
Weather Con-	ditions: 💆	encast												
Comments:														
					nitial Readings	5								
Measured We	ell Bottom (TOR				Riser Pipe Diam	eter (in)	2 in.							
Measured Wa	ater Level (TOR				Conversion Factor (gal/lineal ft) 1.25" = 0.08 2" = 0.17 3									
Calculated Wa	ater Column He	ight (ft) 20	18		(Circle One)			4" = 0.66	6" = 1.50	8" = 2.60				
One Well Volu	ume (gals.)	3 45			FiveWell Volume	s (gals.)	17,24							
Notes:														
				V	Vell Conditions	s								
Well Riser Ty	pe (Circle one):		Stain	ess Steel	Carbon	Steel		PVC						
Casing Condit	Casing Condition: OK Repair Requi				red:									
Cap Condition	Cap Condition: OK Repair Requir				ed:									
Paint Conditio	n:	OK)	Repair Requir	ed:										
Lock Condition	n:	OK	Repair Requir	red:				-						
Inner Casing (Condition:	OK	Repair Requir	ed:										
Surface Seal (Condition:	OK	Repair Requir	ed:										
Other:							-							
				Pu	rge Informatio)N								
Purging Metho	od (Circle one):		Stainless	Steel Bailer	Peristaltic	Pump		Sample Port (Pu	moing Wells C	Only)				
			Teflo	n Bailer	Rolyethylen	ie Bailer	Other:			,				
	Well Volume	Gallons Purged (gal)	Temperature (deg C)	Specific Conductivity (mS/cm)	Turbidity (NTU's)		C	omments						
	3.45	~ 3,45	55.5	1.35	55 55									
jih.		~10.5	54.9	1.37	19					<u> </u>				
Comments:	Amount purge	d~18 gct	,							<u></u>				
Date: -12	1.5	T	112		pling Informat									
Date: 기ン	113	Time Sampled:	1105	Field Personne	el: R	C Becken		<u> </u>						
	er Level (TOR I													
Sampling Meth	od (Circle one)	:		Steel Bailer	Peristaltic			Sample Port (Pu	mping Wells O	nly)				
-	0	1-		n Bailer	Polyethylen	e Bailer	Other:			-				
	Sample I.D.	Temperature	pH	Specific Conductivity	Turbidity		Co	omments	Per					
	B-10	(deg C)	(s.u.) 7,38	(mS/cm) /.37	(NTU's)		-		V.					
	-					-				1				
QA/QC Sample	s Taken	eld Dup*	1											
Comments:	- rensterr	DIOI DVP							34	<u>, , , , , , , , , , , , , , , , , , , </u>				
	· · · · · · · · · · · · · · · · · · ·	174			Signature									
	· ··.			-			7 /\							
Sampler (Print):	<u> </u>	Richard C. Becl	ken	Sampler (signa	ture): Fledic	20	Decke		Date: 7/2	113				

					BP. Sanborn, N		KM			
Monitoring Well I.D	D.: 8-11		Date: 7 2-(13	Time Started:	1110	Field P	ersonnel:	RC Becken	
Weather Condition		react							THE DOORGE	
Comments:									-	
					nitial Reading	gs				
Measured Well Bo	ottom (TOR		9		Riser Pipe Diar		2 in.			
Measured Water L					Conversion Fac			1.25" = 0.08	2" = 0.17	3" = 0.38
Calculated Water (Column He		98		(Circle One)			4" = 0.66	6" = 1.50	8" = 2.60
One Well Volume ((gals.)	2.89			FiveWell Volum	nes (gals.)	14.4			
Notes:										
					Vell Condition	ns				
Well Riser Type (C		3		ess Steet	Carbo	n Steel		PVC		
Casing Condition:			Repair Require							
Cap Condition:			Repair Require							
Paint Condition:		OK	Repair Require	ed:						
Lock Condition:		(ÓK)	Repair Require							
Inner Casing Cond		(OK)	Repair Require							
Surface Seal Cond	dition:	(K)	Repair Require	ed:						
Other:										
					ırge Informati					
Purging Method (C	ircle one):			Steel Bailer		tic Pump		Sample Port (Pi	umping Wells O	nly)
	-	T		n Bailer	Polyethyle	ene Bailer	Other:			
	Well	Gallons	Temperature		Turbidity					4
	Volume	Purged		Conductivity				Comments		4
	2.06	(gal) ~ 2-9	(deg C)	(mS/cm)	(NTU's)		-7			4
_	2.89	~6	58.1	0.86	115					_
		1.9	58.3	0.00	1			-		_[
			58.5	0.66	32	<u> </u>				_
	30	-12	58.4	0.68	26					4
-					<u> </u>					
Comments: Ame		11 / C 0-	0							
Commerns. And	nount purged	ed 10 ga	<u>K</u>	Com	** **					
Date: 7 (2 / 13	<u> </u>	January Complete	1148	1	pling Informa				·	
Date: 7 4 /3		ft.): 6.87	1//70	Field Personnel	<u>i: </u>	R C Becken			—·—-	
Measured Water Le Sampling Method ((Cialplage	21 -1 Oallas	5					
Samping Meanor L	Circle One,			Steel Bailer n Bailer	Peristaltion Polyethyle			Sample Port (Pu	imping Wells Or	ıly)
	Sample	Temperature				ne Baner	Other:			7
	I.D.	Temperature	pH	Specific Conductivity	Turbidity					4
	l.D.	(deg C)	(S.U.)	(mS/cm)	AITUS			Comments		İ
1	B-11	59.3	7.49	(ms/cm)	(NTU's) 22					4
	<u>a~ 11</u>	V.11.7		(1 × 10 × 10	6					-
		†—— '		-						-#
										-
QA/QC Samples Ta	aken				<u> </u>					╩
Comments:	Alton,									
					Signature					
						.00	01		T	7
Sampler (Print):		Richard C. Beck	ken .	Sampler (signati	tura). Klak	. UC	15 2160	1	Date: 7/2	1,5

i,			MONITORING	M Enterprises WELL SAMPLII BP, Sanborn, N	NG FIELD FO	RM				
Monitoring Well I.D.: 6	12	Date: 7	13	Time Started:	1/30	Field Pers	sonnel:	RC Becken		
	rescont			<u> </u>	,,,,,,					
Comments:										
				nitial Readin	gs					
Measured Well Bottom (TOI	R-ft) 21.8	7		Riser Pipe Dia	meter (in)	2 in.				
Measured Water Level (TOI	R-ft) //.	9		Conversion Factor (gal/lineal ft) 1.25" = 0.08 2" = 0.17 3						
Calculated Water Column H	leight (ft)	8		(Circle One)			4" = 0.66	6" = 1.50	8" = 2.60	
One Well Volume (gals.)	192			FiveWell Volum	nes (gals.)	7.08				
Notes:										
			<u>v</u>	Vell Conditio	ns					
Well Riser Type (Circle one)): 	Stainle	ss Stee	Carbo	n Steel		PVC			
Casing Condition:	Repair Required:									
Cap Condition:	(OK)	Repair Require								
Paint Condition:	ØR)	Repair Require	d:	- , -, -, -, - ,		···				
Lock Condition:	ØR	Repair Require	d:							
Inner Casing Condition:	OR	d:								
Surface Seal Condition:	OK)	Repair Require	d:	···						
Other:										
				irge Informat						
Purging Method (Circle one)):		Steel Baller		tic Pump		Sample Port (Pumping Wells O	nly)	
Well	Gallons	Ternperature	Bailer Specific	Polyethyl Turbidity	lene Bailer	Other:				
Volume	Purged (gal) ~ 1.87 ~ 3.64 ~ 4.5 ~ 7.3	(deg C) 56.1 54.3 53.6	Conductivity (mS/cm) 0.74 0.74	(NTU's) 459 613 652 1000 +	Ants	in we	Comments			
W										
Comments: Amount purg	ged 10 gel			·						
- Threatt part	- 1.0 4		Sam	pling Inform	ation					
Date: G 1.3	Time Sampled	1215	Field Personne	_	R C Becken					
Measured Water Level (TO)										
Sampling Method (Circle on		Stainless 5	Steel Bailer	Peristal	ltic Pump		Sample Port (Pumping Wells O	niv)	
	,		Bailer		lene Bailer	Other:		, , , , , , , , , , , , , , , , , , ,		
Sample ID.	Temperature (deg C)	pH (S.U.)	Specific Conductivity (mS/cm)	Turbidity (NTU's)			Comments	·		
QA/QC Samples Taken:										
Comments:										
				Signature			 			
					· 0.	ا دے			1	
Sampler (Print):	Richard C. Bed	ken	Sampler (signa	ature):	mele	Yorke	-	Date: 7 9	<u> 13</u>	

				MONITORING	WELL SAMPLII BP, Sanborn, N		RM				
Monitoring Well I.D.;	0-13		Date: 7(8)	13	Time Started:	1745	Field Personnel		RC Becken		
Weather Conditions:			st homed		Time Clarico.	1 Amb Q	THEIR T GRADITIES		1C BECKEII		
Comments:			- 10121		9 0						
						_					
	`				nitial ReadIn	gs				- 5,000	
Measured Well Botton	n (TOR - f	1) 36			Riser Pipe Dia	meter (in)	2 in.				
Measured Water Leve	ei (TOR - f			-	Conversion Fa	ctor (gal/lineal	ft)	1.25" = 0.08 🥰	2" = 0.17	3" = 0.38	
Calculated Water Coli	umn Heigt	nt (ft) 13.1	02		(Circle One)			4" = 0.66	3" = 1.50	8" = 2.60	
One Well Volume (gal	ls.) 🤰	32			FiveWell Volun	nes (gals.)	lib	-			
Notes:		· · · · · ·		<u> </u>			-				
		-		V	Vell Conditio	ns					
Well Riser Type (Circl	le one):		Stainle	ss Steel	Carbo	n Steel	PV	С			
Casing Condition:				ed:							
Cap Condition:			Repair Require	ed:							
Paint Condition:		OK)	Repair Require	:d:							
Lock Condition:				Repair Required:							
Inner Casing Condition	ner Casing Condition: OK			Repair Required:							
Surface Seal Condition	n:	ØK)	Repair Require	ed:							
Other:								****			
				Pt	ırge Informat						
Purging Method (Circle	e one):		Stainless	Steel Bailer	Peristal	tic Pump		mple Port (Pum	ping Wells O	nly)	
· · · · · · · · · · · · · · · · · · ·			Teflor	Bailer	Polyethyl	ene Bailer	Other: Purgo	pump			
Vo	Vell olume	Gallons Purged (gal)	Temperature (deg C)	Specific Conductivity (mS/cm)	Turbidity (NTU's)		Comm	ents			
41	DV.	~4.7	57.5	1.28	12		· · · · · · · · · · · · · · · · · · ·			4	
-		~4.6	56.4	1,24	3					- i	
		-93	56.4	1.23	3					-	
ļ		1,0	36.7	1,43	3					4	
<u> </u>	<u>_</u>										
Comments: Amour	nt nursed	12 00			J						
Comments. Amour	nt purged	10 gar		Com	pling Inform	ation				<u></u>	
Date: 7/8/13	1-	Time Sampled:	1200								
Neasured Water Leve			1500	Field Personne	#i	R C Becken	· · · · · ·				
Sampling Method (Circ		PEOL	Stainless 9	Steel Bailer	Dorietei	Ho Dumo		mula Dart (Dr.	-i \\\-!\- O	_	
bamping Memod (Circ	ae Orie).			Bailer	Polyethyl	tic Pump	Other:	mple Port (Pump	Nng wells Oi	nty)	
Ca	mple	Temperature	pH	Specific	Turbidity	erie bailei	Other.			7	
	.D.	remperature	pii	Conductivity	Turbidity		Comm	andi:			
"		(don C)	(S.U.)	(mS/cm)	(AUT) (In)		Comm	enis		•	
B-	12	(deg C)	7.38	0.95	(NTU's)					4	
	٦	VALUE	1100	UNIV	7 7					-∦	
<u> </u>										1	
										1	
QA/QC Samples Taker	· NA <	5 + MS	\		!	<u> </u>					
Comments:	IN THE	- 4/(2)			<u>-</u>						
					Signature						
						. ^/	0 ;			1	
ampler (Print):		Richard C. Bec.	ken	Sampler (signal	sture).	2. DC	Weile.	lr	noto: 1 8	113	

Monitoring Well I.D.: B-14 Date: 7 9 Weather Conditions: Brice and Comments: Measured Well Bottom (TOR - ft) 15.79 Measured Water Level (TOR - ft) 3.48 Calculated Water Column Height (ft) 12.1 One Well Volume (gals.) 2.05 Notes:	II.	nitial Readings Riser Pipe Diamer Conversion Facto (Circle One)	seter (in) 2 in	eld Personnel:	RC Becken				
Measured Well Bottom (TOR - ft) 15.79 Measured Water Level (TOR - ft) 3.48 Calculated Water Column Height (ft) 2.1 One Well Volume (gals.) 2.05	II.	nitial Readings Riser Pipe Diamer Conversion Facto (Circle One)	seter (in) 2 in		TO BOOKST				
Measured Well Bottom (TOR - ft) 15.79 Measured Water Level (TOR - ft) 3.68 Calculated Water Column Height (ft) 12.1 One Well Volume (gals.) 2.05		Riser Pipe Diamet Conversion Facto (Circle One)	eter (in) 2 in	1.					
Measured Water Level (TOR - ft) 3 (8 Calculated Water Column Height (ft) /2 / 1 One Well Volume (gals.) 2 05		Riser Pipe Diamet Conversion Facto (Circle One)	eter (in) 2 in	1.					
Measured Water Level (TOR - ft) 3 (& Calculated Water Column Height (ft) / 2 , One Well Volume (gals.) 2 (6)		Riser Pipe Diamet Conversion Facto (Circle One)	eter (in) 2 in	1.					
Measured Water Level (TOR - ft) 3 (& Calculated Water Column Height (ft) /2 / Column (gals.) 2 · Column (gals.)		Conversion Facto (Circle One)		ղ.					
Calculated Water Column Height (ft) /2, One Well Volume (gals.) 2. 95		Conversion Facto (Circle One)							
One Well Volume (gals.)				1.25" = 0.08	2 0.17	3" = 0.38			
				4" = 0.66	6" = 1.50	8" = 2.60			
Notes:		FiveWell Volumes	s (gals.) 🔑 .	3					
	v	Well Conditions							
	nless Steel	Carbon S	Steel	PVC					
Casing Condition: OK Repair Requi									
Cap Condition: OK Repair Requi	ired:			·					
	Repair Required:								
	Repair Required:								
Inner Casing Condition: OK Repair Requi	red:								
Surface Seal Condition: OK Repair Requi	ired:								
Other:									
		urge Information							
	s Steel Bailer	Peristaltic I		Sample Port (Pu	Imping Wells Onl	у)			
	on Bailer	Polyethylene	e Bailer Oth	ner purge pump	0				
Well Gallons Temperature		Turbidity		, ,	à				
Volume Purged	Conductivity			Comments					
(gal) (deg C)	(mS/cm)	(NTU's)				ŀ			
2.05 ~2 56.3	0.75	875				l			
	0.13	351	 						
~6 3513	0.72	185							
~ 8 55.4	0.72	154							
					11				
Comments: Amount purged /0,5 gul									
1600		pling Information	· · · · · · · · · · · · · · · · · · ·						
Date: 1913 Time Sampled: 1055	Field Personne	sk RO	C Becken						
Measured Water Level (TOR ft.): 4, 15									
	s Steel Bailer	Perietaltic F			mping Wells Only	0			
	on Bailer	Rolyethylene	e Bailer Oth	er.					
Sample Temperature pH	Specific	Turbidity							
I.D.	Conductivity			Comments					
(deg C) (S.U.)	(mS/cm)	(NTU'8)							
B-14 56.6 7.07	0.76	2.78		· · · · · · · · · · · · · · · · · · ·					
	1	-							
	<u> </u>	<u> </u>							
QA/QC Samples Taken:			1						
Comments:		21: 1:							
		Signature			- , , , -				
Sampler (Print): Richard C. Becken	Sampler (signal	iture): Kul	LC B	eilen	Date: 7 % 3				

				MONITORING	M Enterprises WELL SAMPLI BP Sanborn, N	NG FIELD FO	RM			
Monitoring Well I.D.:	B-15		Date: つしょ	3	Time Started:	/53p	Field Pe	rsonnel:	RC Becken	
Weather Conditions:	Sin		m wind	la .		1.7.70	11.152-1-1		TO DOCKETT	-
Comments:				1						
								· · · · · · · · · · · · · · · · · · ·	·	
					nitial Readin	gs			·	
Measured Well Botton	n (TOR -	ft) 24,11			Riser Pipe Dia		2 in.			
Measured Water Leve					Conversion Fa		l ft)	1,25" = 0,08	2" = 0.17	3" = 0.38
Calculated Water Colu		4.4	7	·····	(Circle One)		•	4" = 0.66	6" = 1.50	8" = 2.60
One Well Volume (gal	_	84	-		FiveWell Volum	nes (gals.)	4.2			
Notes:										
			,	V	Vell Conditio	ns				
Well Riser Type (Circle	e one):		Stainle	ss Steel	Carbo	on Steel		PVC		
Casing Condition:		(OK)	Repair Require	d:					-	
Cap Condition:		OK	Repair Require		······································			 _		
Paint Condition:			Repair Require		-					
Lock Condition:			Repair Require							
Inner Casing Condition	n:	OR	Repair Require							
Surface Seal Condition		(OK)	Repair Require							
Other:								** ***		
			 	Pu	ırge Informa	tion			***************************************	
Purging Method (Circle	e one):		Stainless S			tic Pump		Sample Port (Pu	imping Wells On	lv)
	-		Teflon	Bailer		lene Bailer	Other:			
11 700	Veli lume	Gallons Purged	Temperature	Specific Conductivity	Turbidity			Comments		
		(gal)	(deg C)	(mS/cm)	(NTU's)	<u> </u>				
2.5	84	~2.84	57.0	1.38	13					
├		15.68	55.8	1.30	35	-				ļ
		~8.42	55.4	1,34	35					
		-11.2	54.5	1.36	65			·		
<u> </u>					<u> </u>					
Comments: Amour	nt purged	14,5 go	Q	· · · · · · · · · · · · · · · · · · ·					· · · · · · · · · · · · · · · · · · ·	
-/ 1					pling Inform	ation				
Date: 7/10/13		Time Sampled:	1550	Field Personne	el:	R C Becken			···-	
Measured Water Leve		17.52					· · · · · · · · · · · · · · · · · · ·			
Sampling Method (Circ	cle one):		Stainless S			tic Pump		Sample Port (Pu	ımping Welis Onl	у)
			Teflon			ene Baile	Other:			
	mple D.	Temperature	рH	Specific Conductivity	Turbidity			Comments		
		(deg C)	(\$ U.)	(mS/cm)	(NTU's)					
B-	15	53-4	7.1	437	70					
								·		
QA/QC Samples Taker	n:									
Comments:									*	
					Signature	<u> </u>				
Sampler (Print):		Richard C. Reci	(en	Samnler (sinns		2.20	Bul		Date: 7//0	3

				MONITORING	M Enterprises WELL SAMPLII BP, Sanborn, N	NG FIELD FO	PRM			
Monitoring We	III.D.: 8-14	9	Date: 7 9/	3	Time Started:	1100	Field Pe	rsonnel:	RC Becken	
Weather Cond	litions: 674	heast						·		
Comments:	-									
				l	nitial Readin	gs	-, _			
Measured Wel	ll Bottom (TOR				Riser Pipe Dia	meter (in)	2 in.			
Measured War	ter Level (TOR				Conversion Fa	ctor (gal/linea	ıl ft)	1.25" = 0.0	8 2"=0.17	3" = 0.38
Calculated Wa	nter Column Hei		3		(Circle One)			4" = 0.66	6" = 1.50	8" = 2.60
One Well Volu	me (gals.)	2.67			FiveWell Volum	nes (gals.)	13.4			
Notes:										
				V	Vell Conditio	ns				
Well Riser Typ	e (Circle one):	,	Stainle	ss Steel	Carbo	n Steel		PVC		
Casing Conditi	ion:	OK	Repair Require	d:				·		
Cap Condition:	:	<u>Ø</u>	Repair Require	d:					 	
Paint Condition		ОК	Repair Require						<u> </u>	
Lock Condition		ОК	Repair Require	d: NA						
Inner Casing C		OK)	Repair Require	d:						
Surface Seal C	Condition:	OK)	Repair Require	d:						
Other:		· · · · · · · · · · · · · · · · · · ·								
			·····		rge Informat					
Purging Metho	d (Circle one):		Stainless S			tic Pump			(Pumping Wells (Only)
			Teflon	~		ene Bailer	Other:	erras anu	Y	-
	Volume	Galions Purged (gal)	Temperature (deg C)	Specific Conductivity (mS/cm)	(NTU's)			Comments		
*	2.67	~ 2.67 ~ 5.1 ~ 7.15 ~ /0.2	57.3 56.9 56.5	1.04	9 9 4			· · · · · · · · · · · · · · · · · · ·		
Comments:	Amount purge	13.5 9	el			-4				
24.01			1123		pling Inform					
Date: 7(9/		Time Sampled:	1/30	Field Personne	H:	R C Becken				•••
Measured Wat			A.							
Sampling Meth	od (Circle one):	-	Stainless S			tic Pump		Sample Port	(Pumping Wells C	Only)
	0	I	Teflon			ene Bailer	Other:			
	Sample I D.	Temperature (deg C)	pH (S.U.)	Specific Conductivity (mS/cm)	Turbidity (NTU's)			Comments		
	B-16	35.8	7.11	1.08	3		···]
		<u> </u>						·		
QA/QC Sample	s Taken:									
Comments:						-·				
					Signature					,
Sampler (Print)	:	Richard C. Bec	ken	Sampler (signa	ture):	aulc	Bule		Date: 7 9	13

			MONITORING 1	M Enterprises, I WELL SAMPLING BP, Sanborn, NY		RM			1.
				or, ouncom, m					
Monitoring Well I.D.: A-17	1	Date: 781	3	Time Started: (9830	Field Pers	sonnel:	RC Becken	
Weather Conditions:	ercist								
Comments:									
								· <u> </u>	
			lı	nitial Readings	3				
Measured Well Bottom (TOR -	ft) 26.0			Riser Pipe Diame	eter (in)	2 in.			
Measured Water Level (TOR -	ft) 13.21			Conversion Factor	or (gal/lineal	l ft)	1.25" = 0.08	2" = 0.17	3" = 0.38
Calculated Water Column Heig	ght (ft) 129			(Circle One)			4" = 0.66	6" = 1.50	8" = 2.60
One Well Volume (gals.)	82.18			FiveWell Volume	s (gals.)	W.88			
Notes:									
			V	Vell Conditions	}				
Well Riser Type (Circle one):		Stainle	ss Steel	Carbon	Steel		PVC		
Casing Condition:	(OK)	Repair Require	ed:						
Cap Condition:	ÓK	Repair Require	ed:						
Paint Condition:	(OK)	Repair Require	ed:						
Lock Condition:	(OK)	Repair Require	ed:						
Inner Casing Condition:	(OK)	Repair Require	ed:						
Surface Seal Condition:	(OK)	Repair Require	ed:				====		
Other:							_		
			Pu	rge Informatio	n		·		
Purging Method (Circle one):		Stainless	Steel Bailer	Peristaltio	Pump		Sample Port (Pr	umping Wells Or	nly)
		Teflor	n Bailer	Polyethyler	e Bailer	Other:			
Veil Volume	Gallons Purged (gal) ~ Z	(deg C) 59.6 56.3	Specific Conductivity (mS/cm)	Turbidity (NTU's) 178 302			Comments		
Comments: Amount purget	~6 ~9	55.7	1.05	2 9					
	7		Sam	pling Informat	tion				
Date: 7 8 13	Time Sampled	18836	Field Personne		l C Becken				
Measured Water Level (TOR fi	8.6 4 44			•					
Sampling Method (Circle one):		Stainless	Steel Bailer	Peristaltic	Pump		Sample Port (Pi	umpina Wells Or	nlv)
, , , , , , , , , , , , , , , , , , , ,			n Bailer	Rolyethyler		Other:			
Sample	Temperature	pН	Specific	Turbidity					
I.D.			Conductivity				Comments		
	(deg C)	(S.U.)	(mS/cm)	(NTU's)					
B-17	55.5	7.07	2.11	119					1
				1					1
QA/QC Samples Taken:					10===				
Comments:									
				Signature					1
				(2 ^	0.	Becker		- uldi	13
Sampler (Print):	Richard C. Bed	ken	Sampler (signa	ature):	<u>سال (</u>	1-26 Per	·	Date: 9/8/	12

					M Enterprises WELL SAMPLII BP, Sanborn, N	NG FIELD FO	ORM			
Monitoring Well	11D.: 13-19	3	Date: 7/2	13	Time Started:	0855	Field P	ersonnel:	RC Becken	
Weather Condi		recot							THE BESTON	
Comments:									· · · · · · · · · · · · · · · · · · ·	
L	· ·									
				1	nitial Readin	gs				
Measured Well	Bottom (TOR				Riser Pipe Dia	meter (in)	2 in.			
Measured Water	er Level (TOR				Conversion Fa	ctor (gal/linea	al ft)	1.25" = 0.08	2" = 0.17	3" = 0.38
Calculated Wat	er Column He	ight (ft) 44. 4	19	· 	(Circle One)			<u>4"</u> = 0.66	6" = 1.50	8" = 2.60
One Well Volun	ne (gals.)	7,6			FiveWell Volum	nes (gals.)	<u> 37.8</u>			
Notes:										
					Vell Conditio	ns				
Well Riser Type			Stainle	ss Steel	Carbo	n Steel		PVC		
Casing Condition	n:	(OK)	Repair Require	ed:						
Cap Condition:		(OK)	Repair Require							
Paint Condition:		OK)	Repair Require	ed:						
Lock Condition:		OK)	Repair Require	ed:						
Inner Casing Co		<u>®</u>	Repair Require	:d:						
Surface Seal Co	ondition:	(K)	Repair Require	ed:			· · ·			
Other:					<u> </u>		<u> </u>		<u></u>	
-				<u>Pu</u>	irge Informat	ion				
Purging Method	(Circle one):			Steel Bailer	Peristal	tic Pump		Sample Port (Pu		inly)
				Bailer	Polyethyl	ene Bailer	Other:	surge pum	Ρ	
	Volume	Gallons Purged (gal)	Temperature (deg C)	Specific Conductivity (mS/cm)	Turbidity (NTU's)			Comments		
l f	7.6	-1.6	56.6	1.15	5					1
1 [~15.2	55.5	1.15	7					-
		-22.8	56.0	1.45	5					-†
		-30.2	55.7	1.51	3		-			1
									·	1
Comments: /	Amount purge	d ~38					•	· .		
				Sam	pling Informa	ation				
Date: 1/2/13		Time Sampled:	1000	Field Personne	d:	R C Becken			· · · · ·	
Measured Water	Level (TOR:	ft): 28,2								
Sampling Methor	d (Circle one)		Stainless	Steel Bailer	Peristalt	ic Pump		Sample Port (Pu	mping Wells O	nly) -
		·	Teflor	Bailer	Polyethyle	ene Balier	Other:			
	Sample I.D.	Temperature	pН	Specific Conductivity	Turbidity			Comments		
1		(deg C)	(S.U)	(mS/cm)	(NTU's)					
	B-18	55.4	7.71	1.40	78					1
		<u> </u>								1
QA/QC Samples	Taken:	<u> </u>								
Comments:										
					Signature					
Sampler (Print):		Richard C. Becl	ken	Sampler (signa	ture): Rid	mell	Bei		Date: 7/2/	13
			_	(3.910					-ato. / -	1 -

<u> </u>			MONITORING	M Enterprises, WELL SAMPLIN BP, Sanborn, N	IG FIELD FO	RM			141
Monitoring Well I.D.: 8-19		Date: 7 😴	3	Time Started:	335	Field Pe	ersonnel:	RC Becken	
Weather Conditions: 5VM	iny hot	humld						TTO DOUNCE	
Comments:	U						·		
		·							
			l	nitial Reading	js				
Measured Well Bottom (TOR				Riser Pipe Dian	neter (in)	2 in.			
Measured Water Level (TOR	-ft) 17.0	00		Conversion Fac	tor (gal/linea	l ft)	1.25" = 0.08	2" = 0.17	3" = 0.38
Calculated Water Column He	ight (ft) 🥝 🕕			(Circle One)			4" = 0.66	6" = 1.50	8" = 2.60
One Well Volume (gals.)	.55			FiveWell Volum	es (gals.)	7.74			
Notes:								_	
			V	Vell Condition	18				
Well Riser Type (Circle one):		\$tainte	ess Steel	Carboi	n Steel		PVC		
Casing Condition:	бк	Repair Require	ed:				<u> </u>		
Cap Condition:	ØK)	Repair Require	ed:						
Paint Condition:	OK	Repair Require	ed:						
Lock Condition:	OK	Repair Require	ed:				.		
Inner Casing Condition:	ОК	Repair Require	ed:						
Surface Seal Condition:	OK	Repair Require	ed:						
Other:	$\overline{}$								
			Pu	rge Informati	on				
Purging Method (Circle one):		Stainless	Steel Bailer	Peristalt	ic Pump		Sample Port (P	umping Wells Or	ı(v)
		Teflo	n Bailer	Polyethyle	ne Bailer	Other:			
Well Volume	Gailons Purged	Temperature	Specific Conductivity	Turbidity			Comments		
1.55	(gal)	(deg C) 51. 7	(mS/cm)	(NTU's)					-
1120	2	54.7	1.20	-1					1
	~ i <	53.7	1,21	3					-
	~ (2	541	129	3				- .	-
· · · · · · · · · · · · · · · · · · ·	6,5	0 141	1.6	'		· ·			1
	<u> </u>								
Comments: Amount purge	d 8 gal								
Comments. Amount purge	u k gaz		Com	nling lafe-se	41				
Date: 7/8/13		III am		pling Informa				·	
	Time Sampled:	1405	Field Personne	l:	R C Becken			·	
Measured Water Level (TOR I		~							
Sampling Method (Circle one):			Steel Bailer	Peristalti			Sample Port (Pu	umping Wells On	ly)
	1-2		Bailer	Polyethyle	ne Bailer	Other:			
Sample	Temperature	pН	Specific	Turbidity					
I.D.			Conductivity				Comments		
B-19	(deg C)	(S.U.)	(mS/cm)	(NTU's)					1
B-IT	27,6	7.32	1.43	4					
									H
							-		
			<u> </u>					<u> </u>	ļ
QA/QC Samples Taken:	· · ·								
Comments:								<u> </u>	
				Signature					
Sampler (Print):	Richard C. Bed	ken	Sampler (signa	ture): Lel.	-QCS	ملاح		Date: 7/8/	₹
			Sampler (Bigi/Gi			- Ann		Inaic. (101	<u> </u>

O&M Enterprises, Inc. WONITORING WELL SAMPLING FIELD FORM BR, Sandom, NY

	The state of	THE PART OF						
Monitoring Well I.D.:	5-20	Date: 7 [5	13	Time Started: //2	Field P	ersonnel:	RC Becken	
Veather Conditions:	hot sonne	\						
Comments:		<u> </u>						
							_	
				nitial Readings				
Measured Well Bottom				Riser Pipe Diameter (in) 2 in.			
Measured Water Level (Conversion Factor (ga	al/sineal ft)	1.25" = 0.08	8 2 = 0.17	3" = 0.3
Calculated Water Colum	7	<u> </u>		(Circle One)	-	4" = 0.66	6" = 1.50	8" = 2.6
One Well Volume (gais.)	7.3			FiveWell Volumes (ga	us.) 36,4			
Votes:					*			
			-	Vell Conditions				
Nell Riser Type (Circle o	7 7		ess Steel	Carbon Steel	<u> </u>	PVC		
Casing Condition:	OK OK	Repair Requir						
Cap Condition:	OK OK	Repair Require			<u> </u>			
Paint Condition:	- @	Repair Require					·	
ock Condition:	- 8	Repair Require				_		
Inner Casing Condition:	(ok)	Repair Requin		······································	 -		 -	
Surface Seal Condition: Other:	i (OK)	Repair Require	ea: 					
ouer.				irge Information				
Purging Method (Circle o		Chairless						
diging tweetoo (Circle C			Steel Bailer n Bailer	Peristaltic Pum			Pumping Wells O	nly)
We	(Gallons	Temperature	U DOWNSON THE RESIDENCE	Polyethylene Ba	ller Other:	OU CED OUNA	?	H
Volum		1 empersone		Turbidity		20mments		
	ne Purged (gal)	(day C)	Conductivity	and the second		Commercia		8
7.3	1~7.3	(deg C) 53.4	(mS/cm)	(NTUS)	Nake a	4 1 2 1 1		10
1.3	1.14.6	53.1	1.87	6	Ants in	<u> </u>		-
	222	53.2	1.82					(4)
	79	53.3	182	3		-		
		300	ساي. ا		-0"			-
								
omments: Amount p	ourged 37 Gel	De .		<u> </u>		<u>.</u>		
/		3	Sam	pling Information				
ate: 7/15/13	Time Sampled	1200	Field Personnel					
leasured Water Level (1			I leid I el soliliei	i. KOB			· · · · · ·	
ampling Method (Circle			Steel Bailer	Peristaltic Pum		- Comple Best (
			n Bailer	Polyethylene Bal		Sample Port (I	Pumping Wells Or	RY)
Samp	le Temperature		Specific	Turbidity			100000000000000000000000000000000000000	
LD	The same of the sa	CONTROL OF	Conductivity			Comments	STATE OF THE PARTY	
111111111111111111111111111111111111111	(deg C)	(8.0.)	(mS/cm)	(NTU's)	1 28 THE	SOURCE STATE OF THE		
B-21	53.9	127	109					1
			1-1"V	56		• • • • • • • • • • • • • • • • • • • •	19	1
		 		<u> </u>				1
								1
A/QC Samples Taken:								
omments:			,,- ·	· · · · · · · · · · · · · · · · · · ·				
	 _		*	Sign <u>atu</u> re				
					2 ()			
ampler (Print):	Richard C. Bed	ken	Sampled (signat	ture): File	20 Real		Date: 7/157	13

					WELL SAMPLI BP Sanborn, I	NG FIELD FO	ORM ·			
Monitoring We	III.D.: 👸- 2	2-(Date: 7 11	13	Time Started:	1155	Field Pe	rsonnel;	RC Becken	
Weather Cond	itions: 30	nhy war	n							
Comments:		V								
			-		-M-1 B				···	
Mana	Dettem (TAD	-ft) 26.5	γĎ.		nitial Readin		_			
	Bottom (TOR er Level (TOR				Riser Pipe Dia		2 in.			
	ter Column Hei				Conversion Fa	actor (gal/line	alft)	$1.25^{\circ} = 0.08$	2" = 0.17	3" = 0.38
One Well Volu		3.12	<u> </u>		(Circle One)			4" = 0.66	6" = 1.50	8" = 2.60
Notes:	ine (gais.)	10 140			FiveWell Volu	mes (gais.)	15.6			
10.00.			-	V	Vell Conditio	пе				
Well Riser Typ	e (Circle one):		Stainle	ess Stee		on Steel		DVC		
Casing Conditi		OK)	Repair Requir		Carbo	JII OLECI		PVC		<u> </u>
Cap Condition:		OK	Repair Require		٠					
Paint Condition		ОК	Repair Require		· ····································					
Lock Condition		ОК	Repair Require			·				
Inner Casing C		(OK)	Repair Requin						~	
Surface Seal C		(OR)	Repair Requin			·			·	
Other:		.1				· · · · · · · · · · · · · · · · · · ·				
·				Pu	rge Informa	tion				
Purging Method	d (Circle one):		Stainless	Steel Bailer		Itic Pump	· .	Sample Port (Pu	moine Molle O	
				Bailer		lene Bailer	Other:	<u>Gampie i Oit (FC</u>	imping wells Of	шу)
	Well	Gallons	Temperature	Specific	Turbidity					
	Volume	Purged		Conductivity				Comments		ı
		(gal)	(deg C)	(mS/cm)	(NTU's)			_		ı
	3.12	- 3.1	58.5	1.16	154					1
		~6.2	56.3	1.14	20					1
		~9.3	56.1	1.12	140				· · · · · · · · · · · · · · · · · · ·	1
		~ 12.4	55.2	1.14	189		_			1
										
Comments:	Amount purger	1 16 gal								
				<u>Sam</u>	pling Inform	ation				
Date: 7/11/		Time Sampled:	1225	Field Personne	el:	R C Becken				
	r Level (TOR f					<u> </u>				
Sampling Metho	od (Circle one):			Steel Bailer		tic Pump		Sample Port (Pu	mping Wells On	ly)
				Bailer	The second second	ene Baller	Other:			
	Sample	Temperature	pН	Specific	Turbidity					
	I.D.			Conductivity		1		Comments		
ı	12.21	(deg C)	(S.U.)	(mS/cm)	(NTU's)					
	13-21	35.8	7.06	1.12	102					
		-								
			<u> </u>							Į
M/OC 801	Taken	L							<u>.,_</u>	
A/QC Samples comments:	raken;					· .				-
omments.					Clanet					
		- · · · · · · · · · · · · · · · · · · ·			Signature					
ampler (Print):		Richard C. Beci	ken	Sampler (signa	ture):	2 LC	Decky		Date: 7 11	13

MONITORING WELL SAMPLING FIELD FORM BP, Sanborn, NY Date: 7 11 13 Time Started: 630 Monitoring Well I.D.: Field Personnel: RC Becken sunny Weather Conditions: warm Comments: Initial Readings Measured Well Bottom (TOR - ft) Riser Pipe Diameter (in) 2 in. Measured Water Level (TOR - ft) Conversion Factor (gal/lineal ft) 1.25" = 0.08 (2" = 0.17 3" = 0.38 Calculated Water Column Height (ft) (Circle One) 4" = 0.66 6" = 1.50 8" = 2.60 One Well Volume (gals.) FiveWell Volumes (gals.) Notes: **Well Conditions** Stainless Steet Well Riser Type (Circle one): Carbon Steel **PVC** Casing Condition: Repair Required: OK Repair Required: Cap Condition: OK Paint Condition: Repair Required: Lock Condition: OK) Repair Required: OK Inner Casing Condition: Repair Required: Surface Seal Condition: OK Repair Required: Other: **Purge Information** Purging Method (Circle one): Peristaltic Pump Stainless Steel Bailer Sample Port (Pumping Wells Only) Polyethylene Bailer Teflon Bailer Other: Well Gallons Specific Temperature Turbidity Conductivity Volume Purged Comments (mS/cm) (gal) (deg C) (NTU's) 2.04 Comments: Amount purged Sampling Information Time Sampled: 1310 Field Personnel: R C Becken Measured Water Level (TOR ft.): 23.93 Sampling Method (Circle one): Stainless Steel Bailer Peristaltic Pump Sample Port (Pumping Wells Only) Teflon Bailer **Polyethylene Bailer** Other: Sample pН Tempe: 9 Specific Turbidity I.D. Conductivity Comments (deg C) (mS/cm) (NTU's) 1,20 QA/QC Samples Taken: Comments: Signature Date: 7/11/11 Sampler (Print): Richard C. Becken Sampler (signature):

O&M Enterprises, Inc.

				MONITORING	WELL SAMPLIN BP, Sanborn. N	G FIELD FO	ORM			
Monitoring Well	I.D.: R-	23	Date: 7/1	6 3	Time Started: C	Plo	Field Personnel:		RC Becken	
Weather Conditi	ions:	SUNNY	tot				<u></u>		THE BOUNCH	
Comments:		<u> </u>	···							
		71.7	71 -	<u> </u>	Initial Reading					
Measured Well I Measured Water		1-ft) 01.1	,4 .83		Riser Pipe Diam		2 in.			
Calculated Water					Conversion Fac	tor (gal/lines	,	25" = 0.08	E" = 0.17	3" = 0.38
One Well Volum		signt (ii)			(Circle One)	((-)	7.5	= 0.66	6" = 1.50	8" = 2.60
Notes:	- (84)				FiveWell Volume	es (gais.)	7.3			
					Nell Condition	S				
Well Riser Type	(Circle one):		Stafnie	ess Steel	Carbon		PVC			
Casing Condition	1:	(ok)	Repair Require			0.00	1 10			
Cap Condition:		OD)	Repair Require							
Paint Condition:		(B)	Repair Require	ed:	· · · · · · · · · · · · · · · · · · ·					
Lock Condition:		<u>₩</u>	Repair Require	ed:						
Inner Casing Cor	•	<u></u>	Repair Require							
Surface Seal Cor	ndition:	(OK)	Repair Require	ed:						
Other:										
	(6)		2.7.7.7		irge Informatio	on	.			
Purging Method ((Circle one):			Steel Bailer	Peristaltic			ple Port (Pu	mping Wells On	ly)
	Well	Gallons		Bailer	Polyethyler	ne Bailer	Other:			
ı	Volume	Purged	Temperature	Specific Conductivity	Turbidity				MAKES	ļ
	Volumo	(gal)	(deg C)	(mS/cm)	(NTU's)		Comme	its		
	1.5	~1.5	57.5	1.11	289					-
		~ 3	53.8	1.54	282	_				1
		~45	54.5	1,0	223					1
i L		~6	53-9	1,00	259					1
							.			1
								-		
Comments:	8 900	loso pu	40-							
			1 8071	Sam	pling Informat	ion				
Date: 7/16/13		Time Sampled:		Field Personne	l:R	C Becken				
Measured Water			4							
Sampling Method	(Circle one):	<u>:</u>	Stainless S		Peristaltic		Sam	ole Port (Pur	mping Wells On	ly)
				Bailer	Polyethylen	e Bailer	Other:			
	Sample	Temperatura	рH	Specific	Turbidity					
) D	(den O	10.111	Conductivity			Commen	ts		
	B-23	(deg C) 54.0	7.03	(mS/cm) 1.63	207					
H	<i></i>	0 1.0	1.03	1.05	W 1					
	·					<u> </u>				ļ
7	<u> </u>						-			Į.
A/QC Samples 1	aken:						<u> </u>	·		l
omments:										
					Signature					
						1).	P 1		_/-	1
Sampler (Print):		Richard C. Beck	en	Sampler (signat	rure): Tel	<u> </u>	Della.		Date: 7/16	113

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

			18 TOWN	THE PERSON NAMED IN	THE REAL PROPERTY.	STORE THE TAX	28 11 12 1		I STATISTICS
lonitoring Well I.D.: 6-24		Date: 7/6/	3	Time Started: /	240	Field Personnel:		RC Becken	- 1
eather Conditions: 50	nny hot	•							
omments:	`								
				41					
			<u>Ir</u>	itial Reading	S				
easured Well Bottom (TOR	-m 24,3			Riser Pipe Dian	neter (in)	2 in.			
easured Water Level (TOR	17 7)		Conversion Fac		ft) 1	.25" = 0.08	2" = 0.17	3" = 0.38
alculated Water Column Hei	- 11	9		(Circle One)			" = 0.66	6" = 1.50	8" = 2.60
ne Well Volume (gals.)	2.82	•		FiveWell Volum	es (gals.)	4,1			
tes:				,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	to (gallon)				-
			W	/ell Condition	18				
ell Riser Type (Circle one):		Spinle	ss Steel	Carbo		PVI	•		
	(ok)			Carboi	i oleei	FV	<u> </u>		
sing Condition:		Repair Require							
p Condition:	OK)	Repair Require		.,,	-				
int Condition:	(ok)	Repair Require							
ck Condition:	(K)	Repair Require							
ner Casing Condition:	TOK)	Repair Require				<u></u>			
rface Seal Condition:		Repair Require	<u>d:</u>						
ther:	·							·	
				rge Informat					
rging Method (Circle one):			Steel Bailer	Peristalt			mple Port (P	umping Wells C	Onfy)
		Teflor	Bailer	Polyethyle	ne Bailer	Other:			
Well	Gallons	Temperature	Specific	Turbiarly	W. D.		DATE OF	WITH DUREN	
Volume	Pulgod	MINTER	Conductivity			Comm	enta		
	(gal)	(deg C)	(mS/cm)	(NTU's)					
2.82	~ 2.8	54.0	1,03	49					
	~5.6	52.7	1.03	32					
	~ 8.4	52.6	1.02	31					-
	~(0	52.5	1.04	30					
	,								
!				1					
omments: Amount purge				<u> </u>					
Annicate. Annount parge			Sam	pling Informa	ation				
ate: 1/16/13	Time Sampled	1275	Field Personne	_	R C Becken				
		. 1323	Intella Fersolatie	·	IN C DECKELL				
easured Water Level (TOR) Impling Method (Circle one)			Di D	Peristalt	- D	Se.	mala Bart /B	umping Wells C)ahr)
impling Method (Circle one)	·		Steel Bailer Bailer	Polyethyk		Other:	IIIDIE FUIL (F	umping weis C	or ity j
NATIONAL PROPERTY.	The state of the state of	District Control of the last		Table 1997	KIE Dallei	Other.	Find Steady	Designation of	45
Sample	Temperature	pH	Specific	Turbidity		To the Capterior			
LD	1	300	Conductivity	10100404080		Comm	ents		
1 21	(deg C)	(80)	(mS/cm)	(NTU's)			1		
B-24	53.4	7.03	1.04	27					
								75	-}
									⊣
	<u> </u>		<u> </u>					· · · · · · · · · · · · · · · · · · ·	
A/QC Samples Taken:									
omments:				·-	<u> </u>		<u> </u>		
			*	Signature					
			4	(1)	2 ec	Bel		n/.	113
ampler (Print):	Richard C. Be	ken	Sampled (signa	ture):	<u> </u>	1-34-1		Date: 7	2/1/2

					M Enterprises WELL SAMPLII BP, Sanborn, N	NG FIELD FO	DRM			
Monitoring Well I.D.:	R 24	2	Date: 7/9	13	Time Started:	0840	Field Per	sonnel:	RC Becken	
Weather Conditions:	over	Curl						·	110 2001011	
Comments:										
										
					nitial Readin	gs .				
Measured Well Bottom	(TOR - ft				Riser Pipe Dia	meter (in)	2 in.	-		
Measured Water Leve	(TOR - ft	842			Conversion Fa	ctor (gal/linea	al ft)	1.25" = 0.08	2" = 0.17	3" = 0.38
Calculated Water Colu	ımn Heigh	t (ft) 21.	58		(Circle One)			4" = 0.66	6" = 1.50	8" = 2.60
One Well Volume (gais	s.) 3	67			FiveWell Volum	nes (gals.)	18.3			
Notes:					.,					
					Vell Conditio	ns			·	
Well Riser Type (Circle	e one):		Stainle	ess Steel	Carbo	n Steel		PVC		
Casing Condition:		OK)	Repair Require	ed:						
Cap Condition:		(OK)	Repair Require	ed:						
Paint Condition:		(OK)	Repair Require	ed:						
Lock Condition:		OK	Repair Requin	ed:						•
Inner Casing Condition		OK)	Repair Require	ed:						
Surface Seal Condition	r:	OK	Repair Require	ed:						
Other:										
				Pu	rge Informat	ion				
Purging Method (Circle	one):		Stainless	Steel Bailer	Peristal	ic Pump	···	Sample Port (Pu	umping Wells O	niy)
			Teflor	n Bailer	Polyethyl	ene Bailer	Other: d	usge Dung	,	
	/ell ume	Gallons Purged	Temperature	Specific Conductivity	Turbidity			Comments		
- /		(gal)	(deg C)	(mS/cm)	(NTU's)					
3.6	-	~3.67	55.4	1.03	7,					
		~7.2	54.8	1.00	4			<u> </u>		
	 -	~ 10.9	54.0	1.02	3					_
		~14.4	54.4	6.98	6					1
		19 Ga D								
Comments: Amount	t purged	19 gal	<u> </u>					· · · · · · · · · · · · · · · · · · ·		
Date: 1/9/13			5010		pling Informa			· · · · · · · · · · · · · · · · · · ·		
* * * * * * * * * * * * * * * * * * * *		ime Sampled:	0110	Field Personne	<u>l:</u>	R C Becken				
Measured Water Level		14.58								
Sampling Method (Circle	e one):			Steel Bailer	Peristalt			Sample Port (Pu	ımping Welis Oı	nly)
2	l- -	T		Bailer	Polyethyle	ne Bailer	Other:			
San		Temperature	pН	Specific	Turbidity					
11).	(4 0)	(0.11)	Conductivity	200000000000000000000000000000000000000			Comments		1
B-7	7-	(deg C) 55: 6	(s.u.) 7.54	(mS/cm) 0.95	(NTU's) 39					4
(a) = 2	-0	שיהם	7131	0.13	09					4
	-		-							
	-+									-
QA/QC Samples Taken:				<u>. </u>						
Comments:			· _					-		
				· · · · · · · · · · · · · · · · · · ·	Signature					
	· · · · · ·	11.17 = -			_		0 -		- / /	
Sampler (Print):	R	ichard C. Beck	en	Sampler (signal	ture):	<u>2 lc</u>	Decke		Date: 7,9	13

				MONITORING '	WELL SAMPLI BP. Sanborn, I	ING FIELD FO	ORM			
Monitoring Well I.E.	.: B-2	-8	Date: 7(11/	13	Time Started:	1315	Field Persor	nnel:	RC Becken	
Weather Condition		hy wan	M.							
Comments:		(
									•	
				l:	nitial Readir	ngs				
Measured Well Bo	ttom (TOR -	m 34.57	7		Riser Pipe Dia	ameter (in)	2 in.			
Measured Water L	evel (TOR -	ft) 24.6°	<u> </u>		Conversion Fa	actor (gal/linea	al ft)	1.25" = 0.08	2" = 0.17	3" = 0.38
Calculated Water	Column Heig	tht (ft) 9.9			(Circle One)			4" = 0.66	6" = 1.50	8" = 2.60
One Well Volume	(gals.) /-	68			FiveWell Volu	mes (gals.)	8.42			
Notes:										
			,	V	Vell Condition	ons				
Well Riser Type (C	Circle one):		Stainle	ss Steet	Carb	on Steel		PVC		
Casing Condition:		ØK)	Repair Require	d:						
Cap Condition:		QK)	Repair Require							
Paint Condition:		ZOK.	Repair Require	d:						
Lock Condition:		(OK)	Repair Require							
Inner Casing Cond	dition:	ρŔ	Repair Require							
Surface Seal Cond		bκ)	Repair Require	d:						
Other:										
		,		Pu	ırge Informa	ition				
Purging Method (C	Circle one):		Stainless S	Steel Bailer		altic Pump		Sample Port (P	umping Wells O	nly)
			Teflon	Bailer	Polyethy	ylene Bailer	Other:			_
	Well	Gallons	Temperature	Specific	Turbidity				A)	
	Volume	Purged		Conductivity			Ce	omments		1
		(gal)	(deg C)	(mS/cm)	(NTU's)					
	,68	1-1.68	59.8	1.05	10004					
		~3.4	56.0	1.03	665					
		~4	55.2	1.07	213					_
		~6.8	54.8	1.06	164					
1 [A					
Comments: An	nount purged	1								
				San	pling Infor	nation		•		
Date: 7/4/13		Time Sampled:	1345	Field Personne	el:	R C Becker	n			
Measured Water L		L): 26.3	5							
Sampling Method				Steel Bailer	Perist	altic Pump		Sample Port (F	umping Wells O	nly)
			Teflor	Bailer	Polyeth	ylene Bailer	Other:			
	Sample	Temperature	pН	Specific	Turbidity					
	I.D.			Conductivity			C	omments		
		(deg C)	(S.U.)	(mS/cm)	(NTU's)					
	6-28	55.9	7.07	1.10	232				-	
										4
QA/QC Samples T	aken:									
Comments:							×4 ·			
					Signature					
						uhul	CSR.L		Date: 7/11/1	*
Sampler (Print):	_	Richard C. Bed	кеп	Sampler (sign	ature): 😘 🖰		- VJKLK	<u> </u>	Date: IIII	<u> </u>

			MONITORING	WELL SAMPLING FIELD FO BP, Sanborn, NY	RM	
Monitoring Well I.D.: 8-2	9	Date:	16/13	Time Started: 0820	Field Personnel:	RC Becken
	INH WER		713		1.1012 1.0100	TTO DOORDIT
Comments:	T T	-				
				nitial Readings		
Measured Well Bottom (TOR -	ft) 28.5			Riser Pipe Diameter (in)	2 in.	
Measured Water Level (TOR -		54		Conversion Factor (gal/linea	I ft) 1.25" = 0.08	2" = 0.17 3" = 0.38
Calculated Water Column Heig		6		(Circle One)	4" = 0.66	6" = 1.50 8" = 2.60
One Well Volume (gals.)	2,03			FiveWell Volumes (gals.)	0.7	
lotes:						
				Vell Conditions		
Vell Riser Type (Circle one):		Stainle	ss Steel	Carbon Steel	PVC	
Casing Condition:	, OR	Repair Require	ed:			
Cap Condition:	OR	Repair Require	ed:			
Paint Condition:	OB	Repair Require	ed:			
ock Condition:	ON	Repair Require	ed:			
nner Casing Condition:	OK	Repair Require	ed:			
Surface Seal Condition:	(O)	Repair Require	ed:			_
Other:						
9			Pu	rge Information		
urging Method (Circle one):		Stainless	Steel Bailer	Peristaltic Pump	Sample Port (P	umping Wells Only)
		Teflor	n Bailer	Polyethylene Bailer	Other:	5/4 <u></u>
Wel!	Gallons	Temperature	Specific	Turbidity		
Volume	Purged .		Conductivity		Comments	The state of
	(gai)	(deg C)	(mS/cm)	(NTU's)		
2.03	-2	59.1	7.09	161		
	~ 4	56.8	1.64	24		
	~6	57.0	1.55	12		
	~8	55.5	1.47	14		
comments: 1025 4	الناه ك	real				
		7	Sam	pling Information		
Date: 7(16/13	Time Sampled	0900	Field Personne	el: R C Becken	<u>. </u>	_
leasured Water Level (TOR ft.): 26.5	1				
ampling Method (Circle one):		Stainless :	Steel Bailer	Peristaltic Pump	Sample Port (P	umping Wells Only)
		Teflor	Bailer	Rolyethylene Bailer	Other:	
Sample	Temperature	pH.	Specific	Turbidity	THE OWNER WHEN	
1D	1000		Conductivity		Comments	
	(deg C)	(SU)	(mS/cm)	(NTU's)		
B-29	542	70	1-88	165		
A/QC Samples Taken:						
comments:						
omments.						
Offinitients.				Signature	· · · · · · · · · · · · · · · · · · ·	, ,

			MONITORING	M Enterprises WELL SAMPLIN BP, Sanborn, N	IG FIELD FOR	tM			
Monitoring Well I.D.: 3-3	1	Date: 7[9]	13	Time Started: 4	315	Field Pe	rsonnel:	RC Becken	
	1 4	ht an							
Comments:		22-01111						-	
	,			nitial Reading	gs				
Measured Well Bottom (TOR -	m) \$3.7	1 600		Riser Pipe Diar	meter (in)	2 in.			
Measured Water Level (TOR -				Conversion Fa	ctor (gal/lineal t	ft)	1.25" = 0	0.08 2 = 0.17	3" = 0.38
Calculated Water Column Heig	ht (ft) 36	.88	11	(Circle One)	3		4" = 0.66	6" = 1.50	8" = 2,60
One Well Volume (gals.)	6.27			FiveWell Volun	nes (gals.) 🗾	31.3			
Notes:			*						
				Vell Condition	ns				
Well Riser Type (Circle one):		Stainle	ss Steel	Carbo	n Steel		PVC		
Casing Condition:	OK	Repair Require	d.					*	
Cap Condition:	OK)	Repair Require	sd:						
Paint Condition:	OK)	Repair Require		- · · · · · · · · · · · · · · · · · · ·					
Lock Condition:	OK	Repair Require	ed:					·	
Inner Casing Condition:	OK	Repair Require							
Surface Seal Condition:	l ok	Repair Require	:d:		. ,				
Other:		·		1.5			<u> </u>		
				ırge Informat					
Purging Method (Circle one):			Steel Bailer		tic Pump			ort (Pumping Wells	Only)
	, , , , , , , , , , , , , , , , , , ,	1 2	Bailer		ene Bailer I	Other:	DUTGE D	Me	
Well Volume	Gallons Purged	Temperature	Specific Conductivity	Turbidity			Comments		
6,27	(gal)	(deg C)	(mS/cm)	(NTU's)					
6121	10	55.4	0.82	20					-
	~ 18.75	53.0	0.81	5	-				- ∦
	~ 25	53.2	0.81	 ~~			·	13	
	~3	021-	0,01	 '				<u> </u>	
<u></u>				i e		<u></u>	···		
Comments: Amount purged	1 32 gal	9		<u> </u>				·	
- Tanount parget	72 4-4		Sam	npling Inform	ation				
Date: 7 9 1.3	Time Sampled:	0950	Field Personne		R C Becken				
Measured Water Level (TOR fi									
Sampling Method (Circle one):	4. V. V.		Steel Bailer	Peristal	tic Pump		Sample Po	ort (Pumping Wells (Only)
			Bailer	Polyethyl		Other:		The state of the s	
Sample	Temperature	pН	Specific	Turbidity					
I.D.		1	Conductivity				Comments		
	(deg C)	(S.U.)	(mS/cm)	(NTU's)					
6-31	56.5	7.47	0.77	172					1
QA/QC Samples Taken: Fig	eld Dup	3							
Comments:	1								
				Signature					
Complex (Drint):	Dishard C. P	lon	Sompler /sic-	TO O	me	Bika		Date: 7	./1>
Sampler (Print):	Richard C. Bed	кеп	Sampler (signa	ature): 🗶 🕠 🔾	~~~	1-123	7.	Date: /	U 2

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

Monitoring	Well D. Q.	32	Data GIL	112	I I SOUTH STATE OF THE STATE OF	10111	TO THE OWNER OF THE OWNER OW	WALLS WALLS	REAL PROPERTY.	
Weather Co			Date: 7 (15)	13	Time Started:	1445	Field Per	sonnel:	RC Becken	
Comments:		hat sunny	· · · · ·	· · · · ·	· · · · · · · · · · · · · · · · · · ·					
Comment.	<u>. </u>									
					nitial Readin					
Measured \	Well Bottom (TOR	-n) 40.5					0 %	•		
	Nater Level (TOR		29		Riser Pipe Dia Conversion Fa		2 in.	1.057 - 0.00		
	Water Column He				(Circle One)	icioi (gaivimea	ι π)	1.25" = 0.08	2" = 0.17	$3^{\circ} = 0.38$
	olume (gais.)	1,4		· · · · · · · · · · · · · · · · · · ·	FiveWell Volum	mee (note)	7	4" ≈ 0.66	6" = 1.50	8" = 2.60
Notes:					I IVETVEII VOIGI	iles (gais.)			-	
				V	Vell Conditio	ns				 :
Well Riser	Type (Circle one):		Stainle	ss Steet		on Steel		PVC	-	
Casing Con	dition:	OK	Repair Require					140		
Cap Conditi	on:	(A)	Repair Require			-				
Paint Condi	tion: -	OK.	Repair Require							
Lock Condit	tion:	(OK)	Repair Require			-		 -		
Inner Casing		,016)	Repair Require	d:						
	al Condition:	ØK)	Repair Require	d:						
Other:		-								
				Pu	rge Informat	ion				
Purging Met	hod (Circle one):		Stainless 5	Steel Bailer	Peristal	tic Pump		Sample Port (Pu	mpina Wells Or	ity)
		Teflon B		Bailer	Polyethylene Bailer					
	Wall	Gallona	Temperatura	Specific	Turbidity	EXTENSION OF		OF BUILDING	See Million	1
	Volume	Purged		Conductivity				Comments		
		(gal)	(deg C)	(mS/cm)	(NTUs)		No.	William II		
	1.4	1~1.4	58.7	1.20	121					1
		1~2·8	54.3	1.17	140		·			1
		-4.2	53.3	1.00	91_					
	ļ	~ 5.6	53.0	1.09	103				-··	
									-	
Comments:	Amount purge	<u> </u>								
Date: 1/15	113		٠		pling Inform					
		Time Sampled:	15151	Field Personne	<u>l:</u>	R C Becken	-			
	ater Level (TOR f									
sampling Me	ethod (Circle one):		Stainless S Teflon		Peristal			Sample Port (Pur	mping Wells On	y)
	· Sample	Temperature	CONTRACTOR DESCRIPTION OF		Polyethyle	ene Bailer	Other:	and the same of the same		
	I.D.	reinbestimin	HQ	Specific	Turbidity	OF SELECTION		THE PARTY		₹.
		(deg C)	(8.0.)	Conductivity	2000		V	Comments	DELLOW CK. S	
	8-32	53.6	7.35	(mS/cm)	96			AND TARRIES	E 16,933	
	1000	03.0	11.12	2712	10					
										
		<u> </u>	· · · · · ·			 -				
A/QC Samp	oles Taken:	·								
omments:				 -		·				
				*	Signature	···	. ,			·
	-					2, 20	Red_		-1-1	
ampler (Prir	nt):	Richard C. Becl	ken .	Sampler (signat	rure):	Le V	12ch		Date: 7/15/13	3

				MONITORING .	WELL SAMPL BP, Sanborn,		ORM	
Monitoring Well I.	D.: B-3	3	Date: 7/16/	13	Time Started:	745	Field Personnel:	RC Becken
Weather Conditio	ns: 30	hay was						110 Boaton
Comments:		- 1						
				I	nitial Readir	ngs		
Measured Well Be	ottom (TOR -	m) 31.9			Riser Pipe Dia		2 in.	
Measured Water	Level (TOR -				Conversion F		al ft) 1.25" = (0.08 2"=0.17 3"=0.3
Calculated Water			<u> </u>		(Circle One)		4" = 0.66	6 6" = 1.50 8" = 2.6
One Well Volume	(gals.)	.84			FiveWell Volu	mes (gals.)	9.2	
lotes:			 -					
					Vell Condition	ons		
Vell Riser Type (ss Steel	Carb	on Steel	PVC	
Casing Condition:		(OK)	Repair Require					
Cap Condition:		(E)	Repair Require					
Paint Condition:		(бк)	Repair Require	<u> </u>	 -			
ock Condition:	distant.	OK)	Repair Require				· · · · · · · · · · · · · · · · · · ·	
nner Casing Cond		(OK)	Repair Require					
Surface Seal Cond Other:	aition:	T 6K)	Repair Require	:d:			<u> </u>	
Julier.				D.	uma lufa una	4! + -		
urging Method (C	'imle one):	_	Ctrinland		irge Informa			
arging wetroa (c	oncie onej.			Steel Bailer Bailer		ltic Pump lene Bailer		ort (Pumping Wells Only)
	Well	Gallons	Temperature	Specific		ierie bailer	Other:	
	Valume	Purged	Tomporature	Conductivity	Turbidity "		0-111	
	COMMO	(gal)	(deg ©)	(mS/cm)	(NTU's)		Comments	
	1.84	-/8	56.6	1.13	358	well	dan; obstruction	10.1.01
		~ 3.6	(J23, -	1.1.	300			
		-5.4				Pass	22.5 ft, bar	ex baye nov
		-7.2		-		1273	<u> </u>	
							· · · · · · · · · · · · · · · · · · ·	
		4						
omments:	9 gal	purge	D					
1.1				Sam	pling Inform	ation		
ate: 7/16/13	3	Time Sampled:	1990	Field Personne	d:	R C Becken		
easured Water L	evel (TOR ft.): 30.05						
ampling Method (Circle one):		Stainless 5	Steel Bailer	Perista	tic Pump	Sample Po	ort (Pumping Wells Only)
			Teflon	Baller	olyethy	ene Baile	Other:	
	Sample	Temperature	ρΗ	Specific	Turbidity	-		
10	1D		The second of	Conductivity	The same of		Comments	
	0 -3 -	(deg C)	(SU)	(mS/cm)	(NTU's)			
Lt.	3.33	55.8	7.13	1.12	4.34		-200	
					•			
					<u> </u>			
A/QC Samples Ta	aken:							
omments:								
					Signature			
					\ J.	ر و د ۲	D 1	Date: 7/14/13

				WELL SAMPLI BP, Sanborn, I	NG FIELD F	ORM			
Monitoring Well I.D.:	38	Date: 7/11/	13	Time Started:	805	Field Pe	ersonnel:	RC Becken	
	Unry close	•				•			
Comments:	1								
			Ī	nitial Readin	gs				
Measured Well Bottom (To				Riser Pipe Dia	meter (in)	2 in.			
Measured Water Level (To				Conversion Fa	actor (gal/line	eal ft)	1.25" = 0.08	2" = 0.17	3" = 0.38
Calculated Water Column	Height (ft) 13,6	2		(Circle One)			4" = 0.66	6" = 1.50	8" = 2.60
One Well Volume (gals.)	2,32			FiveWell Volu	mes (gals.)	11.6	· · · · ·		
Notes:									
				Vell Condition	ns				
Well Riser Type (Circle or		Stainle	ss Steel	Carbo	on Steel		PVC		
Casing Condition:	OK	Repair Require	ed:						
Cap Condition:	ÓK)	Repair Require	ıd:						
Paint Condition:	(OK	Repair Require	ed:						
Lock Condition:	OK)	ed:							
Inner Casing Condition:	(OK)	ed:				_ .			
Surface Seal Condition:	OK	Repair Require	ed:						
Other:					·		 -		
			Pu	arge Informa	tion		· · · · · · · · · · · · · · · · · · ·		
Purging Method (Circle on	e):		Steel Bailer		Itic Pump		Sample Port (P	umping Wells O	niy)
		77	Bailer		lene Bailer	Other:	·		
Well	Gallons	Temperature	Specific	Turbidity					
Volum	e Purged		Conductivity				Comments		
2 7	(gal)	(deg C)	(mS/cm)	(NTU's)	-				4
2.3		55.2	1.19	44			·		4
	~4.64	52.9	1.19	43					4
	26.96		7.15	55					4
	~ 9.3	52.1	7.14	50					4
							·····		
	. 10 . /	2	<u>.</u>	<u> </u>					
Comments: Amount pu	irged 12 gal				4.				
1: 1 -	The state of the	MOULE		pling Inform					
Date: 7 / 11 / 13	Time Sampled.	০৯৫১	Field Personne	el:	R C Becker	<u> </u>			
Measured Water Level (TC									
Sampling Method (Circle of	ne):		Steel Bailer		tic Pump		Sample Port (P	umping Wells Or	ıly)
			Bailer		lene Bailer	Other:			-
Sample	Temperature	pН	Specific	Turbidity					
I D.		2012	Conductivity		J.		Comments		1
125	(deg C)	(S.U.)	(mS/cm)	(NTU's)	<u> </u>				4
B-38	53.0	7.08	1.12	37					-
									4
	-				_				-
04/00 00 1 7 :	111111111111111111111111111111111111111	! } /	<u> </u>	<u></u>	<u> </u>				4
	Field Dupt	<i>b</i>	-						
Comments:				Signatura	 ·				
<u> </u>				Signature	2 ^	, < >	4	T	
Sampler (Print):	Richard C. Bed	ken	Sampler (signa	ature):	hal	(TS:	ek	Date: 7/11/	13

.

				M Enterprises, I WELL SAMPLING				
				BP, Sanborn, NY				
Monitoring Well I.D.: 6-39		Date: 7 2	13	Time Started:	145 I	field Personnel:	RC Becken	
Weather Conditions:	ncapt	··	_					
Comments:								
·	111 0	<u> </u>		nitlal Readings				
Measured Well Bottom (TOR -				Riser Pipe Diam		! ln.		
Measured Water Level (TOR -				Conversion Fact	or (gal/lineal ft)	1.25" = 0.1	08 2" = 0.17	3" = 0.38
Calculated Water Column Hei	_	9		(Circle One)	-00	4" = 0.66	6" = 1.50	8" = 2.60
	5.91			FiveWell Volume	es (gals.) 29	,5		
Notes:						· · · · · · · · · · · · · · · · · · ·		
	·			Vell Condition				
Well Riser Type (Circle one):			ss Steel	Carbon	Steel	PVC		
Casing Condition:	OK	Repair Require						
Cap Condition:	OK	Repair Require						
Paint Condition:	(OK)	Repair Require						
Lock Condition:	(OK)	Repair Require		 				
Inner Casing Condition:	OK	Repair Require						
Surface Seal Condition:	OK)	Repair Require	d:					
Other:			n.,					
2 - 1 - 1/2 - 1/2 - 1				irge Informatio		0I- D		
Purging Method (Circle one):			Steel Bailer	Peristaltic			t (Pumping Wells (Only)
114.0	0-11		Bailer	Polyethyle	te Baller (Other: purga pun		
Well	Gallons	Temperature	Specific	Turbidity		0		
Volume	Purged	(40)	Conductivity	407000		Comments		
5.91	(gal)	(deg C)	(mS/cm)	(NTU's)				
0.11	~12	34,1	0.79	2				
	10	55.8	0.88	1-7			·	
	21/	55.1	0.79	1,				
	n 69	0011	0 4 7 1	 				=
				1				
Comments: Amount purge	1 30 ga	0						
Comments. Amount purger	<i>30 40</i>		Sam	pling Informa	tion			-
Date: 7(2(13	Time Sampled:	اللاز الله	Field Personne	-	R C Becken			
Measured Water Level (TOR f		7713	I reiu reisonne	71	C Deckell			
Sampling Method (Circle one):		Stainless S	Steel Bailer	Peristaltic	Pumn	Sample Por	t (Pumping Wells	Only)
dampling welled (once one).			Bailer	Polyethyler		Other:	t (1 dinping Freis	J1119)
Sample	Temperature	рН	Specific	Turbidity	TO ELECT	70101.		
LD	remperature	Pii	Conductivity	Turblany		Comments		1
	(deg C)	(S.U.)	(mS/cm)	(NTU's)		Committee		•
B-39	57,0	7.53	0.88	19				
		1-1/0	<u> </u>					- F
						<u></u>		
								
QA/QC Samples Taken:	<u> </u>							
Comments:								
				Signature				,
				<i>Q</i> . n	0,0	1.		1,3
Sampler (Print):	Richard C. Bed	ken	Sampler (signa	iture): Lesk	<u>. </u>	iken	Date: 7	413

			MONITORING	M Enterprises WELL SAMPLI BP, Sanborn, N	NG FIELD FO	RM			
Monitoring Well I.D.: 8-4	2	Date: 7/9/	13	Time Started:	il∞	Field Pers	onnel:	RC Becken	***
Weather Conditions: Lot	hum D								
Comments:									
				nitial Readin	gs				
Measured Well Bottom (TOR -	m) 45-4			Riser Pipe Dia	meter (in)	2 in.			-
Measured Water Level (TOR -	m) 9.07			Conversion Fa	ctor (gal/linea	ıl ft)	. 1.25" = 0.08	2" = 0.17	3" = 0.38
Catculated Water Column Heig	tht (ft) 36-	<u> 33 </u>		(Circle.One)			4" = 0.66	6" = 1.50	8" = 2.60
One Well Volume (gals.) 6	2			FiveWell Volum	mes (gals.)	30-9			
Notes:									
			V	Vell Conditio	ns				
Well Riser Type (Circle one):		Stainle	ss Steel>	Carbo	on Steel		PVC		
Casing Condition:	OK	Repair Require	ed:						
Cap Condition:	OK)	Repair Require	ed:						
Paint Condition:	(ÓK)	Repair Require	d:			•		·	
Lock Condition:	(QK)	Repair Require	xd:						
Inner Casing Condition:	OR	Repair Require	ed:						
Surface Seal Condition:	OK)	Repair Require	ed:						
Other:									
			Pi	ırge İnforma	tion				
Purging Method (Circle one):			Steel Bailer		ltic Pump		Sample Port (P	umping Wells (Only)
	, ., .,	Teflor	n Bailer	Polyethy	lene Bailer	Other: R	orge pumpo		_
Weil Volume	Gailons Purged	Temperature	Specific Conductivity	Turbidity			Comments		
	(gal)	(deg C)	(mS/cm)	(NTU's)					1
6.2	6.2	57.3	0.87	Ц					
	12.4	57,1	0.82						7
	18.6	36.6	0.81						1
	24.8	56.3	0.82	1					
				•					1
	•	•	· · -···		·				
Comments: Amount purged	1 31 gal)							
			Sam	pling Inform	ation				
Date: 7/8/13	Time Sampled:	1130	Field Personne	 	R C Becken				
Measured Water Level (TOR ft	1.90								
Sampling Method (Circle one):		Stainless	Steel Bailer	Perista	ltic Pump		Sample Port (P	umping Wells C	Only)
			n Bailer	Polyethy		Other:			
Sample	Temperature	pН	Specific	Turbidity					
I.D			Conductivity				Comments		
	(deg C)	(S.U.)	(mS/cm)	(NTU's)					j
R-42	58 3	7,40	0.89	13					
QA/QC Samples Taken:									
Comments:									
				Signature					
0	Dishard 0. F	1	0	1000	De	Suh_		Date: 7/8	
Sampler (Print):	Richard C. Bed	кеп	⊳ampier (signa	eture): - Leh	<u> ~ `</u>	E-77-17-1-		Date: // 8	<u> </u>

			MONITORING	M Enterprises, Itic. WELL SAMPLING FIELD FI BP, Sanborn, NY	DRM	,
Monitoring Well I.D.: 6	.43	Date: 7/g/	3	Time Started: 0950	Field Personnel:	RC Becken
Weather Conditions: 6	recupt he	t humil)			
Comments:						
			<u></u>	nitial Readings		
Measured Well Bottom (TO	R-ft) 58.5	55		Riser Pipe Diameter (in)	2 in.	
Measured Water Level (TOI	R-ft) 11.5	7		Conversion Factor (gal/line	al ft) 1.25" = 0.08	2" = 0.17 3" = 0.38
Calculated Water Column H	eight (ft) 47	28		(Circle One)	4" = 0.68	6" = 1.50 8" = 2.60
One Well Volume (gals.)	8-04			FiveWell Volumes (gals.)	40.2	
Notes:					•	
				Vell Conditions		
Well Riser Type (Circle one)		Stainle	ss Steel	Carbon Steel	PVC	
Casing Condition:	(OK)	Repair Require	ed:	<u> </u>		
Cap Condition:	OK	Repair Require	ed:	·		
Paint Condition:	OK	Repair Require				
Lock Condition:	(OK)	Repair Require	ed:			
Inner Casing Condition:	OK	Repair Require	ed:			
Surface Seal Condition:	(OK)	Repair Require	ed:			
Other:				·		- <u></u>
			Pu	rge Information		
Purging Method (Circle one)			Steel Bailer	Peristaltic Pump	Sample Port (I	oumping Wells Only)
			n Bailer	Polyethylene Bailer	Other: QUAR DUM	NP
Well	Gallons	Temperature	Specific	Turbidity	0 1	V
Volume	Purged		Conductivity		Comments	
- ((gal)	(deg C)	(mS/cm)	(NTU's)		
8.04	8	57.6	1.84	4	-	
	16	57.8	1.69	2		
	24	56.3	1.00	7		
	36	57.9	1.66	8		
		<u> </u>	<u> </u>			
	7/1)			-	
Comments: Amount purg	ed 91 ga				<u>. </u>	
- -		1		pling Information		
Date: 7 9 13	Time Sampled	1055	Field Personne	l: R C Becken	<u> </u>	
Measured Water Level (TOR				·	-	<u> </u>
Sampling Method (Circle one	9):		Steel Bailer	Peristaltic Pump		omping Wells Only)
	11		Bailer	Polyethylene Bailer	Other:	
Sample	Temperature	pН	Specific	Turbidity		
I.D.	71-70		Conductivity	272-277	Comments	
0 117	(deg C)	(S.U)	(mS/cm)	(NTU's)		
B-43	5814	7.86	1.57	32	_	
-	+					
	+			—		
OA/OC Samalas Talias	_!	<u> </u>		<u> </u>		
QA/QC Samples Taken:						
Comments:			- · · ·	Signature		
				Signature	<u> </u>	
Sampler (Print):	Richard C. Bed	ken	Sampler (signa	ture): Richard	Becker	Date: 7813

		M	ONITORING V	M Enterprises, VELL SAMPLIN BP, Sanborn, N	IG FIELD FO	RM			***
Monitoring Well I.D.: 8-4	4	Date: 7/8/13		Time Started: (0905	Field Pe	rsonnel:	RC Becken	
	cast								
Comments:									
			In	itial Reading	js				
Measured Well Bottom (TOR -	1	<u> </u>		Riser Pipe Diar		2 in.			
Measured Water Level (TOR -		<u> </u>		Conversion Fa	ctor (gal/linea	lft)	1.25" = 0.08	$2^{4} = 0.17$	3" = 0.38
Calculated Water Column Heig	ht (ft) 66	12		(Circle One)		<u> </u>	4" = 0.66	6" = 1.50	8" = 2.60
One Well Volume (gals.)	3[FiveWell Volun	nes (gals.)	56.5			· · · · · · · · · · · · · · · · · ·
Notes:	·			lali Candida			<u> </u>		
		4-1-1-		ell Condition			DVC		
Well Riser Type (Circle one):	(A)	Stainless Repair Required		Carpo	n Steel		PVC		
Casing Condition:	OK)	Repair Required Repair Required							
Cap Condition: Paint Condition:	ØK)	Repair Required							
Lock Condition:	OK	Repair Required							
Inner Casing Condition:	(OK)	Repair Required			-				
Surface Seal Condition:	ØK	Repair Required							
Other:		·							
			Pu	rge Informat	ion				
Purging Method (Circle one):	·	Stainless St	eel Bailer	Peristal	tic Pump		Sample Port (P	umping Wells O	nly)
		Teflon I	Bailer	Polyethyl	ene Bailer	Other:	purque oum	p	_
Vell Volume	Gallons Purged (gal) ~ 11.3 ~ 22.6	Temperature (deg C) びみち	Specific Conductivity (mS/cm) 2.65	Turbidity (NTU's)	sell.	dry	Comments	V	
Comments: Amount purgeo	23.5 aq	.e	Sam	pling Inform	ation				
Date: 1/9/13	Time Sampled	1030	ield Personne	d;	R C Becken				
Measured Water Level (TOR fl		v							
Sampling Method (Circle one):		Stainless St	eel Bailer		tic Pump		Sample Port (P	umping Wells O	nly)
		Teflon	Bailer		ene Baile	Other:			
Sample I.D.	(deg C)	(S.U.)	Specific Conductivity (mS/cm) 2.75	Turbidity (NTU's)			Comments		
QA/QC Samples Taken: Fig.	eld Dug	*2							
Comments:									
				Signature				1 .	
Sampler (Print):	Richard C. Ber	cken .	Sampler (signa	ature): (Ju	hele	Ben		Date: 7/8/	13

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

	THE REAL PROPERTY.					No. of Concession, Name of Street, or other party of the last of t			
Monitoring W		(5	Date: 7/5/	3	Time Started:	1350	Field Personnel:	RC Becken	-
Weather Con	ditions:	het sun	<u>v</u>						
Comments:			_\						
	···						<u> </u>		
		7.1 == \			nitial Readir				
	ell Bottom (TOR		 		Riser Pipe Dia	emeter (in)	2 in.		
	ater Level (TOR				Conversion F	actor (gal/lineal	lft) · 1.25" =	= 0.08 (2" = 0.17 3"	= 0.38
	ater Column Hei		<u> </u>		(Circle One)		4" = 0.	66 6" = 1.50 8"	= 2.60
	ume (gals.)	0.83	 -		FiveWell Volu	mes (gals.)			
Notes:							- <u></u> .		
					Well Condition	ns	·		
	pe (Circle one):			ess Steal	Carb	on Stee!	PVC		
Casing Condi		OK)	Repair Require					·	
Cap Condition	-	LOK)	Repair Require						·
Paint Condition	-	(OK)	Repair Require						
Lock Condition		<u> </u>	Repair Require	ed:					
inner Casing ((OK)	Repair Require						
Surface Seal (Condition:	(OK)	Repair Require	ed:	<u> </u>				
Other:				···					
		-	·····		ırge İnforma	tion			,
Purging Metho	od (Circle one):			Steel Bailer		ltic Pump	Sample I	Port (Pumping Wells Only)	
	Apple of the Parish of the Parish	Hi -commission	THE RESERVE OF THE PARTY OF THE	n Bailer	² (Polyethy	lene Bailer	Other:		
	Well	Gallons	Temperature	Specific	Turbidity			DESCRIPTION OF THE PARTY OF THE	
	Valume	Purged		Conductivity			Comments	EXI WAY WE	
	0.67	(gal)	(deg C)	(mS/cm)	(NTU's)	3 X (1) (E)		(三)转列用的图》	
	0.83	~0.8	57.5	1.43	1000 +				
		~ \$ 1.2	53.9	1.44	1000 +	isell a	<u>ry</u>		
									
		 		·					
1	<u>L</u>				<u> </u>				
		D. 32	,		<u> </u>				
Comments:	Amount purger	3 21.70							
<u> </u>	/.>				pling Inform	ation			
Date: 7 (5)	13	Time Sampled:	1435	Field Personne	<u>: </u>	R C Becken	· · · · · · · · · · · · · · · · · · ·		
	ter Level (TOR f	t.):						- <u>-</u> -	
Sampling Meth	nod (Circle one):			Steel Bailer		tic Pump	Sample F	Port (Pumping Wells Only)	
·		Della Company		Bailer		ene Bailer	Other:		
	Sample	Temperature	pH	Specific	Turbidity				
	LD.			Conductivity	The Area and		Comments	Note that the	
	O MC	(deg C)	(8.0.)	(mS/cm)	nmni			A STOREST OF	j
	6-45	53.3	7,53	1.50	1000+				
					ļ		<u></u>	57	
			-		ļ	 			
		<u> </u>		 	<u> </u>	<u></u>			
QA/QC Sample	es Taken:	 							
Comments:		-··- -	-w	¥			 		
				<i>*</i>	Signature				
Sampler (Print)):	Richard C. Beck	(en	Sampled (signa	ture):	2 LC	Red_	Date: 7/15//3	3
									

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

	HESEN BOR		CALLED THE SALE			1019	BANK		
Manitoring Well I.D.: 8=		Date: 7115	13	Time Started:	1400	Field Perso	onnel:	RC Becken	
Weather Conditions: 45	t sunny								
Comments:								-	
			l l	nitial Reading	js .	•			
Measured Well Bottom (TOR	-m) 39.91			Riser Pipe Diar	neter (in)	2 in.			
Measured Water Level (TOR	-m 21.3	l.		Conversion Fa	ctor (gal/lineal	ft)	1.25" = 0.08	2-0.17	3" = 0.38
Calculated Water Column He	eight (ft) 18,6			(Circle One)			4" = 0.66	6" = 1.50	8" = 2.60
One Well Volume (gals.)	3.16			FiveWell Volum	nes (gais.) 🛭 🖟	5-81			-
Notes:			<u> </u>						
			٧	Yell Conditio	ns				
Well Riser Type (Circle one):		Stainle	ss Steel	Carbo	n Steel		PVC		
Casing Condition:	(ок)	Repair Require							
Cap Condition:	(M)	Repair Require							
Paint Condition:	70	Repair Require				·			
Lock Condition:	(6K)	Repair Require					· · · · · · · · · · · · · · · · · · ·		
Inner Casing Condition:	(OR)	Repair Require			······································				
Surface Seal Condition:	(ok)	Repair Require							
Other:		Tixopan recquire						· · · · · · · · · · · · · · · · · · ·	
0.0101.			Pu	rge Informat	ion	····		- <u>- · · · · · · · · · · · · · · · · · · </u>	
Purging Method (Circle one):		Stoinloss	Steel Bailer	,			Comple Deat (Du	reneine Maleile On	
r diging Method (Gircle Grie).			Bailer		ic Pump ene Bailer	Other At	Sample Port (Pu	unping weils On	ny)
Wielt	1 College	HARMAN MARKET AND ADDRESS OF	THE RESERVE OF THE PERSON NAMED IN	District and Publishers and In-	ene ballel	Ollier. \$0	TOR DUIND		
Well	Gallons	Temperature	Specific	Turbidity	Inc. III			37113	1
Volume	Purged		Conductivity		15 18 3		Comments		
2.1	(gal)	(deg C)	(mS/cm)	(NTU's)	<u> </u>	200		Service A	l .
3.16	1 -1	55.6	603	18					1
-	1~64	136.1		5					
	~ 9 le	55.1	098	3					
·	~ 12.B	55.0	2 0 0	2					•
	<u>. L </u>	<u> </u>	L	1					<u> </u>
				ļ					
Comments: Amount purge	ed					<u> </u>	<u> </u>		
.1.01		11100	r	pling Inform	ation				
Date: 7[(5/(3	Time Sampled	1430	Field Personne	<u>el:</u>	R C Becken				
Measured Water Level (TOR	ft.): 24,25								
Sampling Method (Circle one)):	Stainless	Steel Bailer		ic Pump		Sample Port (Pu	mping Wells On	ty)
		Teflor	Bailer	₹olyethyl	ene Bailes	Other:			
Sample	Temperature	рM	Specific	Turbidity					
10	A STATE		Conductivity	THE STATE OF	Elizaberra .	C	comments		
	(deg C)	(8.0.)	(mS/cm)	(NTUs)	DOMESTIC:				
6-46	55.0	7.86	1.19	256					
			,						
QA/QC Samples Taken:								·	
Comments:									
			*	Sign <u>atu</u> re					-
					2 Or	Rel_		1	
Sampler (Print):	Richard C. Bed	ken	Sampler (signa	nture): Ful		1-20-K-		Date:) 5	15

				WELL SAMPLING FI BP, Sanborn, NY	ELD FORM			
Monitoring Well I.D.:	18	Date: 2/9/	13	Time Started: 141	5 Field	Personnel:	RC Becken	
	throat					T Office, with	TO DOORS!	
Comments:								
				nitial Readings				
Measured Well Bottom (TOR		19		Riser Pipe Diameter	<u>r (in)</u> 2 in.			
Measured Water Level (TOR				Conversion Factor (gal/lineal ft)	1.25" = 0.08	2"=0.17	3" = 0.38
Calculated Water Column He		:76		(Circle One)		4" = 0.66	6" = 1.50	8" = 2.60
	6.08			FiveWell Volumes (c	gals.) 30.,	3		
Notes:								·
				Well Conditions		 -		
Well Riser Type (Circle one):			ss Steel	Carbon Ste	æl	PVC		
Casing Condition:	(OK)	Repair Require						
Cap Condition:	(OK)	Repair Require				· · · · · · · · · · · · · · · · · · ·		
Paint Condition:	(OK)	Repair Require						
Lock Condition:	(OK)	Repair Require						
Inner Casing Condition:	OK)	Repair Require			_	<u> </u>		
Surface Seal Condition:	JOK	Repair Require	<u>d:</u>					
Other:				rge Information				
Purging Method (Circle one):		Stainless	Steel Bailer	Peristaltic Pu		Comple Ded /D:		
ruighig meniod (onoic cho).			n Bailer	Polyethylene B		Sample Port (Pu		nly)
Well	Gallons	Temperature	Specific	Turbidity	701101	furge pung		
Volume	Purged		Conductivity	. undiality		Comments		
	(gal)	(deg C)	(mS/cm)	(NTU's)		O O I I I I I I I I I I I I I I I I I I		
6.08		54.2	1.00	2			- 4	1
	12	53.3	6.98	5			·	1
	18	52.9	0.98	4.				1
	24	53.0	0.90	4				
								7
		0						
Comments: Amount purge	ed 31 q=	P						
11			Sam	pling Information	n			
Date: 7 9 13	Time Sampled	:1445	Field Personne	al: RC	Becken			
Measured Water Level (TOR		<u> </u>						
Sampling Method (Circle one)):		Steel Bailer	Peristaltic Pu		Sample Port (Pu	ımping Welis O	nly)
			n Bailer	Polyethylene B	Bailer Other			
Sample	Temperature	pH	Specific	Turbidity				
I.D.			Conductivity			Comments		
0 46	(deg C)	(S.U.)	(mS/cm)	(NTU's)				4
B-48	5412	7.33	0.83	26				4
	+		<u> </u>	-				4
	+	1						_
2 1 1 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	<u> </u>							
QA/QC Samples Taken:				·- <u> </u>				
Comments:				Signature		 -		
-							T .	1
Sampler (Print):	Richard C. Bed	cken	Sampler (signa	ature):	Ic Bey	ka-	Date: 7/9/	/IZ

O&M Enterprises, Inc.

			MONITORING	M Enterprises, WELL SAMPLING BP, Sanborn, NY	G FIELD FO	RM			
Monitoring Well I.D.:	19	Date: 2/9	113	Time Started:	1310	Field Pers	onnel:	RC Becken	
	negati								
Comments:									
			<u> </u>						
			<u></u>	nitial Reading	S		· · · · · · · · · · · · · · · · · · ·		
Measured Well Bottom (TOR -				Riser Pipe Diam	eter (in)	2 in.			
Measured Water Level (TOR -		2		Conversion Fac	tor (gal/linea	l ft)	1.25" = 0.08	2" = 0.17	3" = 0.38
Calculated Water Column Heigh	Company of the Compan	19		(Circle One)		01 1	4" = 0.66	6" = 1.50	8" = 2.60
One Well Volume (gals.)	<u>5.3</u>			FiveWell Volume	es (gals.)	51.4			· · · ·
Notes:		7 -		Vell Condition	_	<u> </u>			
Well Riser Type (Circle one):			ss Steel	Carbon	Steel	····	PVC		
Casing Condition:	OK)	Repair Require							
Cap Condition	(OR)	Repair Require				*			
Paint Condition: Lock Condition:	ØK	Repair Require							
Inner Casing Condition:	OK OK	Repair Require							
Surface Seal Condition:	OK.	Repair Require							
Other:	- 6	Trebai reduie	<u>~</u>						
			Pı	ırge Informati	on				
Purging Method (Circle one):		Stainless :	Steel Bailer	Peristalti			Sample Port (Pu	mping Wells (Only)
		Teflor	Bailer	Polyethyle		Other: 0	isae pur		
Well Volume	Gallons Purged (gal)	(deg C)	Specific Conductivity (mS/cm)	Turbidity (NTU's)			Comments		
	26. G 30. 9 41. 2	56.0	2.97						
	. 75	-()		L					
Comments: Amount purger	DL 9	<u>ال</u>		antina lafaras	tion				
Date: 3/9//3		1415		npling Informa					
Date: 177777	Time Sampled		Field Personne	el:	R C Becken		•		
Measured Water Level (TOR f Sampling Method (Circle one):			Steel Bailer	Peristalti	o Dumo		Sample Port (Pu	umning Molle ()nk/)
Sampling Method (Circle One).			Bailer	Polyethyle		Other:	Sample Fort (Ft	mping weis t	orny)
Sample	Temperature	pH	Specific	Turbidity	, re namer	Calci.			1
I.D.	Tomporature	P. 1	Conductivity	raibidity			Comments		
	(deg C)	(S.U.)	(mS/cm)	(NTU's)					
8-49	55,2	1.0	2,75	76					7
									_
	_								1
QA/QC Samples Taken: M	< M <n< td=""><td></td><td>·</td><td><u> </u></td><td></td><td></td><td></td><td></td><td></td></n<>		·	<u> </u>					
Comments:									
7.0 - 20				Signature					1
				(Z, a	00	Beelen			/
Sampler (Print):	Richard C. Bed	ken	Sampler (signa	ature): Wick	<u> </u>	Belles		Date: 7/9	<u> </u>

			O& MONITORING	M Enterprises, WELL SAMPLIN BF, Sanborn, N	G FIELD FO	ORM SELECTION CONTRACTOR	4002
				SIEMING THE			
Monitoring Well I.D.: $\cancel{\cancel{B}}$ - 5	00	Date: 7(15)	//3	Time Started:	300	Field Personnel:	RC Becken
Veather Conditions: ジャ	nny hot	· · · · · · · · · · · · · · · · · · ·					
omments:							
				nitial Reading	ie	<u> </u>	 ;,
leasured Well Bottom (TOR	-n) 35.8		<u>"</u>			2 in	
Measured Water Level (TOR		ī.		Riser Pipe Dian		2 in.	.08 (2"=0.47 3"=(
alculated Water Column He		66		Conversion Fac (Circle One)	aoi (gawiine	al ft) 1.25" = 0. 4" = 0.66	
one Well Volume (gals.)	4.87	* • • • • • • • • • • • • • • • • • • •		FiveWell Volum	oe (asle)	24.4	6" = 1.50 8" = 2
lotes:			·····	It westen voidin	ies (gais.)		
NO.			V	Well Condition			-
Vell Riser Type (Circle one):		Eminia	ss Stoet			D) (C	
	(OK)	<u> </u>		Carboi	ORCI	PVC	
asing Condition:	(i)	Repair Require				•	
Cap Condition:		Repair Require	•				
Paint Condition:	- 00	Repair Require				· · · · · · · · · · · · · · · · · · ·	
ock Condition:	ØØ.	Repair Require					
nner Casing Condition:	(ÓK)	Repair Require		. 0			
turface Seal Condition:	OK_	Repair Require	o: Crack	ex			
Other	***************************************						
				ırge Informati			
'urging Method (Circle one):			Steel Bailer	Peristalt			rt (Pumping Wells Onty)
Control of the Control	The second of th	A District Consequence	Bailer	Polyethyle	ene Bailer	Other pure pum	4
Wall	Gallons	Temperature	Specific	Turbidity			ONE POWER IN
Volume	Purged		Conductivity		No.	Comments	3 775
1100	(gal)	(deg C)	(mS/cm)	(NTU's)		THE SALES SECTION	
4.87	~\$	55.3	0.78	45			
	~/0	53.6	0,73	 - 			
	~15	1532	0.76	0			
	~20	53.0	0.76	5			
	<u> </u>	<u> </u>	L				
				<u></u>			
omments: Amount purge	ed 25 ga	<u> l</u>					
			Sam	pling Informa	tion		
ate: 7(15/13	Time Sampled	: <i>13</i> 40	Field Personne	el:	R C Becken	1	
leasured Water Level (TOR	ft.): -7,16						
ampling Method (Circle one)):	Stainless :	Steel Bailer	Peristalt	ic Pump	Sample Por	t (Pumping Wells Only)
		Teflor	Bailer	Polyethyle	ene Baller	Other:	
Sample	Temperature	PH	Specific .	Turbidity		MI DISTRICT	DE ANDESINE
LD.		1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 -	Conductivity	THE RESIDENCE		Comments	VIII STATE OF THE
	(deg C)	(S.U.)	(mS/cm)	(NTU's)	IN THE		
B-50	57.8	7.40	0.79	33			
							<u> </u>
						····	
		Ĭ ï					
A/QC Samples Taken: //	S-MSN	· · ·	· · · · · · · · · · · · · · · · · · ·				
omments:	, , , , , , , , , , , , , , , , , , , 					·	
· · ·							

Sampler (Print):

			MONITORING	M Enterprises, WELL SAMPLIN BP, Sanborn, N	G FIELD FOR	RM			
K E	2.	n. 21.4				les			
Monitoring Well I.D.: 6-57		Date: 1/5/1	٥	Time Started: (<u> 1850</u>	Field Person	nel:	RC Becken	·
	my bit	/							
Comments:					··········				
				nitial Reading	s				
Measured Well Bottom (TOR -	ft) 22.4)		Riser Pipe Diam		2 in.			
Measured Water Level (TOR -				Conversion Fac			1.25" = 0.08	E = 0.17	3" = 0.38
Calculated Water Column Heig		<u> </u>		(Circle One)	tor (gasiinear)	11)	4" = 0.66	6" = 1.50	8" = 2,60
	2.62			FiveWell Volum	oe (cole) i ż	5. UT	4 - 0.00	0 - 1.50	0 - 2,00
Notes:				II MEANER ACIDITI	cs (gals.)	<u>s. 07</u>		·	
itoles.		-	V	Vell Condition	· · · · · · · · · · · · · · · · · · ·		· · · · · · · · · · · · · · · · · · ·		
Mell Piner Type (Circle ere):		Stainla	ss Steel				DVC		
Well Riser Type (Circle one):	(CV)			Carbor	oleei		PVC		
Casing Condition:	OK	Repair Require							
	ap Condition: OK Repair Required:								
Paint Condition:	(OK)	Repair Require							
Lock Condition:	(OK)	Repair Require							
Inner Casing Condition:	(a)	Repair Require					<u> </u>		
Surface Seal Condition:	L (ok)	Repair Require	d:						
Other:				1_#					
				ırge Informati					
Purging Method (Circle one):			Steel Bailer	Peristalti			Sample Port (Pu	ımping Wells C	Only)
			Bailer	Polyethyle	ne Bailer	Other: مراج	ge pung		
Well	Gallons	Temperature	Specific	Turbidity		V	, , ,		
Volume	Purged		Conductivity			Co	mments		
2 12	(gal)	(deg C)	(mS/cm)	(NTU's)					4
2.62	~2.5	552	1.09	325					_
	~5	54.7	1,00	170					
	~7.5	53.3	1,05	84				_	╝
	~ 10	54.1	1.63	36					_
Comments: Amount purged	14 gel								
			Sam	pling Informa	tion				
Date: 7//5//3	Time Sampled:	0980	Field Personne	el:	R C Becken				
Measured Water Level (TOR ft									
Sampling Method (Circle one):		Stainless S	Steel Bailer	Peristalti	c Pump		Sample Port (Pu	ımping Wells C	Only)
		Teflon	Bailer	Rolyethyle		Other:			
Sample	Temperature	рΗ	Specific	Turbidity					
I.D			Conductivity			Co	mments		
	(deg C)	(S.U.)	(mS/cm)	(NTU's)					
652	56.4	7,39	1.05	1000 t	- -			•	7
	UK, L	1.0,	الريا – الواد	1,000				-	1
								· · · · · · · · · · · · · · · · · · ·	1
							••		┨
QA/QC Samples Taken:				I .					
Comments:		· , · · · · · · · · · · · · · · · · · ·	· · · · · · · · · · · · · · · · · · ·						
Comments.				Signature					
				Signature	20	0.			1
Sampler (Print):	Richard C. Bed	ken	Sampler (signa	ature):	U. XC	Dela	_	Date: 7(15	/13

		1	MONITORING	M Enterprises, Inc. WELL SAMPLING FIE BP, Sanborn, NY	LD FORM			
Monitoring Well I.D.: 8-53	3	Date: 7/15	١٢	Time Started: 09 oc) Field F	ersonnel:	RC Becken	
Weather Conditions: 500	my hot	,						
Comments:	/							
2.								
		_	li	nitial Readings				
Measured Well Bottom (TOR -				Riser Pipe Diameter (i	in) 2 in.			
Measured Water Level (TOR - t				Conversion Factor (ga	al/lineal ft)	1.25" = 0.0	8 2 = 0.17	3" = 0.38
Calculated Water Column Heig		39		(Circle One)		4" = 0.66	6" = 1.50	8" = 2.60
One Well Volume (gals.) 💍 .	<i>i</i>]			FiveWell Volumes (ga	ls) 20 2			
Notes:								
		(-		Vell Conditions				
Well Riser Type (Circle one):			ss Steel	Carbon Steel		PVC		
Casing Condition:	(OK)	Repair Require						
Cap Condition:	OK/	Repair Require						
Paint Condition:	(ØK)	Repair Require						
Lock Condition:	VIO	Repair Require						
Inner Casing Condition:	(OK)	Repair Require						
Surface Seal Condition:	(OF)	Repair Require	d:					
Other:			D.	use Information				
				irge Information			·	
Purging Method (Circle one):		Stainless S		Peristaltic Pum			(Pumping Wells C	inly)
	0-11	Teflon		Polyethylene Ba	iler Other:	grige pu		7
Well Volume	Gallons Purged (gal)	Temperature (deg C)	Specific Conductivity (mS/cm)	Turbidity (NTU's)		Comments		
211	5.2	54.1	1.63	289				
<u> 7</u>	16.4	52.5	7.0	6			-	
	15.6	52.2	0.96	3				
	20.8	52.4	0.96	2				_
			_					
		_						
Comments: Amount purged	2 ga	2			·			
, , ,			Sam	pling Information				
4	Time Sampled		Field Personne	e: RCB	ecken			
Measured Water Level (TOR ft.	1 6.90							
Sampling Method (Circle one):		Stainless 5		Peristaltic Pum		Sample Port	(Pumping Wells C	nly)
		Teflon	Bailer	Polyethylene Ba	Other:			
Sample	Temperature	pН	Specific	Turbidity				
I.D.			Conductivity			Comments		
	(deg C)	(S.U.)	(mS/cm)	(NTU's)				-
B-53	56.5	6.71	6.92	28				-1
 		·		 - 				-
[\dashv
21/222		3 7		<u> </u>				<u> </u>
QA/QC Samples Taken: 15/0	Har Dup			·				
Comments:				Signatura				
		-		Signature	0.(1	T.
Sampler (Print):	Richard C. Bed	ken	Sampler (signa	nture): Tila	l C V Se	ch-	Date:) 1	5/13

N S			MONITORING	M Enterprises WELL SAMPLII BP, Sanborn, N	NG FIELD FO)RM			*y • 1
Monitoring Well I.D.: 8-5	5	Date: 7/15	3	Time Started:	1005	Field Per	sonnel:	RC Becken	
		tranely							
Comments:	1 1								
				nitial Reading	gs				
Measured Well Bottom (TOR -	ft) 84.9	2		Riser Pipe Dia	meter (in)	2 in.			
Measured Water Level (TOR -		1		Conversion Fa	ctor (gal/linea	el ft)	1.25" = 0,0	0.17	3" = 0.38
Calculated Water Column Heig	ght (ft) 62	21		(Circle One)			4" = 0.66	6" = 1.50	8" = 2.60
One Well Volume (gals.)	0.5%			FiveWell Volum	nes (gals.)	52.9			
Notes:									
				Vell Conditio	ns				
Well Riser Type (Circle one):		Stainle		Carbo	n Steel		PVC		
Casing Condition:	(OK)	Repair Require							
Cap Condition:	<u> </u>	Repair Require		•					
Paint Condition:	00	Repair Require							
Lock Condition:	(OK)	Repair Require				_			
Inner Casing Condition:	(K)	Repair Require							
Surface Seal Condition:		Repair Require	d:						
Other:					L7				
				rge Informat					
Purging Method (Circle one):			Steel Bailer		tic Pump	- All - 4	Sample Port	(Pumping Wells C	inly)
	Gallons		Bailer	Turbidity	ene Bailer	Other:	vra si	4	
Volume 18.58	Purged (gal) -/0.5	(deg C)	Specific Conductivity (mS/cm)	(NTU's)	Ante	s in w	Comments		
Comments: Amount purged		6 qul	Sam	npling Inform	ation				
Date: 4/15/13	Time Sampled:	_	Field Personne	el <u>:</u>	R C Becken				
Measured Water Level (TOR fi	-								
Sampling Method (Circle one):			Steel Bailer		tic Pump		Sample Port	(Pumping Wells C	nly)
		Teflon	Bailer	Polyethyl	ene Baller	Other:			
Sample I.D.	Temperature (deg C)	pH (S.U.)	Specific Conductivity (mS/cm)	Turbidity (NTU's)			Comments		
8.35	53.7	7.36	3.67	21					_
				t					1
QA/QC Samples Taken:	<u> </u>			<u> </u>			· · · · · · · · · · · · · · · · · · ·		
Comments:									
				Signature	^				
		···		($\langle 2 \rangle$			1.
Sampler (Print):	Richard C. Bed	ken	Sampler (signa	ature):	le	Tech	er_	Date: 7/15	(1)3

			MONITORING	M Enterprises WELL SAMPLII BP, Sanborn, N	NG FIELD FO	RM		
Monitoring Well I.D.: 6 · 5	7	Date: 7/16/	12	Time Started:	1050	Field Personnel:	RC Becken	
	any ho	,		Time Olarico.		Ti leid F ersoritiet.	RO Becker	
Comments:	1						"	
						•		
			U	nitial Readin	gs			
Measured Well Bottom (TOR -	ft) 39.6	ī.		Riser Pipe Dia		2 in.		
Measured Water Level (TOR -		9		Conversion Fa			5" = 0.08 (2" = 0.17)	3" = 0,38
Calculated Water Column Heig				(Circle One)		,	= 0.66 6" = 1.50	8" = 2.60
	1.84			FiveWell Volum	nes (gals.)	14.2		
Notes:								
			v	Vell Condition	ns			
Well Riser Type (Circle one):		Stainle	ess Steel		n Steel	PVC		
Casing Condition:	(Cok	Repair Require	ed:					
Cap Condition:	OK	Repair Require	ed:					
Paint Condition:	COR	Repair Require						
Lock Condition:	(o)	Repair Require	ed:					
Inner Casing Condition:	€6k	Répair Require	ed:			-	-	
Surface Seal Condition:	(OK)	Repair Require				· · ·		
Other:								
			Pu	ırge Informat	ion			
Purging Method (Circle one):		Stainless	Steel Bailer		tic Pump	Samp	ole Port (Pumping Wells C	Only)
		Teflor	n Bailer		ene Bailer	Other: aurae	rund	
Well	Gallons	Temperature	Specific	Turbidity				
Volume	Purged		Conductivity			Comment	3	
	(gal)	(deg C)	(mS/cm)	(NTU's)		0 11		
2.84	~2.84	54.3	1.33	79				-
	-5.5	53.6	0.98	13				7
	~8.3	53.5	0,70	14				
	~12.0	53.4	0.88	6				7
							····	
Comments: 15 Gal	ourge.							
			Sam	pling Informa	ation	7		
Date: 7 11/13	Time Sampled:		Field Personne	el:	R C Becken			
Measured Water Level (TOR ft.							·	
Sampling Method (Circle one):		Stainless (Steel Bailer	Peristalt	tic Pump	Samp	le Port (Pumping Wells O)nly)
			Bailer		ene Balles	Other:		
Sample	Temperature	pH .	Specific	Turbidity				
10			Conductivity		7	Comments	s ,	
	(deg C)	(\$0)	(mS/cm)	(NTU's)		A COL		
B-56	54.9	7.88	1.38	74				7
								1
						-		1
QA/QC Samples Taken:	5 +MSD						-	
Comments:					·		·-	
				Signature				
					- 12	01	-	
Sampler (Print):	Richard C. Becl	ken	Sampler (signat	ture):	a De	Red	Date: ツ ()	6/13

		2		O8 MONITORING	M Enterprise WELL SAMPL BP. Sanborn,	ING FIELD FO	ORM ,			
Monitoring Well I.D.:	K-5	7_	Date: 7 [1	6/13	Time Started:	3958	Field Pers	ennal:	PC Backen	
Weather Conditions:			15+		_ Trino Switzer	- 10 -	I leid i Cit	sonner.	RC Becken	
Comments:		V								
					Initial Readir	ngs				
Measured Well Botto			4		Riser Pipe Dia	ameter (in)	2 in.			
Measured Water Lev			5		Conversion Fa	actor (gal/lines	al ft)	1.25" = 0.08	(2" = 0.17)	3" = 0.38
Calculated Water Co		nt (ft) 25.	31		(Circle One)			<u>4"</u> = 0.66	6" = 1.50	8" = 2.60
One Well Volume (ga	als.) 4	32			FiveWell Volu	mes (gals.)	21.6			
Notes:							 			
					Well Condition	ons				
Well Riser Type (Circ	cle one):			ess Steel	Carb	on Steel		PVC		
Casing Condition:		OR.	Repair Requir							
Cap Condition:	\longrightarrow	<u>OR</u>	Repair Requir							
Paint Condition:	 +	<u>(B)</u>	Repair Requir							
Lock Condition:	+	<u>@</u>	Repair Requir							
Inner Casing Condition	-	<u>₩</u>	Repair Requir							
Surface Seal Condition	on: I	<u>68</u>	Repair Requir	<u>ed:</u>						
Other:				D.				<u> </u>		
B Blothad (Circ					ırge İnforma					
Purging Method (Circ	de one):			Steel Bailer		Itic Pump		Sample Port (Po	ımping Wells On	ıly)
	Well	Gallons		n Bailer		lene Bailer	Other: @	140 pmg		7
leaded.	olume		Temperature	The second second	Turbidity		Mark State			
	Olumb	Purged (gal)	(dog ())	Conductivity	da singa da s			Comments .	-	
4.	32	~4.5	(deg C)	(m8/cm) 2.35	(NTU's)				0.5	
	+	9	541	2.34	77					4
		~/0.5	53.4	マルシュ	132	well.	1			4
		10.2	()SIT	2.0	/// 0	week	any			4
			·-	 						4
						<u> </u>				<u> </u>
Comments: Dur	-000 -	10.5 da	0		L					
, ,	1	10.0	*	Sam	pling Inform	oflan	 			
Date: "7/16/13	Т	ime Sampled:	1145	Field Personnel		R C Becken		· · · · · · · · · · · · · · · · · · ·		
Measured Water Leve	el (TOR ft.):	40.48	14:0	FIEIU FEISOIIIIO.	<u> </u>	R C Becken			_	
Sampling Method (Cir		100	Stainless	Steel Bailer	Parietal	tic Pump		Comple Peri / Du	137-V- O-	
				n Bailer		ene Bailer	Other	Sample Port (Pu	mping Wells Oli	<u>(y)</u>
Se	ample 7	Temperature	рН	Specific	Turbidity	ene Dance	Ouici			1
The second secon	iU	Gille		Conductivity	Turbidity	11177	# 1		THE YELL	
-		(deg C)	(\$U)	(mS/cm)	/AIT) ('e)		fatare)	Comments		
8-	57	52.9	7.07	2.16	(NTU's)		_			1
										ł
					all l					l
						7			_	
QA/QC Samples Take	an:				- 2					<u> </u>
Comments:			·							
					Signature			-		
				<u> </u>	(Σ ₁ /	40	<u> </u>		<i>T</i> ——
Sampler (Print):	R	ichard C. Beck	<u>cen</u>	Sampler (signati	ture):	Kall	L Dec		Date: 16	1.3

	us Lot	Ed .				770				-
Monitoring We Weather Cond			Date: 7/16	13	Time Started:	1135	Field Pe	rsonnel:	RC Becken	CFEE CO.
Comments:	iluoris. S	inny ho	<u> </u>	· ·						
				-		-				
			· · · · · · · · · · · · · · · · · · ·		nitial Readin	as				
Measured Wel	Bottom (TOR	-m 63.4	آ رُّ		Riser Pipe Dia		2 in.			
Measured Wat	er Level (TOR		02		Conversion Fa	ctor (gal/linea	al ft)	1.25" = 0.08	'2" = 0.1Z	3" = 0.38
Calculated Wa	ter Column He		کما.		(Circle One)			4" = 0.66	6" = 1.50	8" = 2.60
One Well Volu	me (gals.)	7.08		·	FiveWell Volum	nes (gals.)	3574			
Votes:					·				·	
					Vell Conditio	ns				
	e (Circle one):			ess Steet	Carbo	n Steel		PVC		
Casing Conditi		(A)	Repair Requir							
Cap Condition:			Repair Requir							
Paint Condition ock Condition		(Aig)	Repair Requir		····	<u>-</u>		· · · · ·		
nner Casing C		JOR)	Repair Requir Repair Requir					 -		
Surface Seal C		QK)	Repair Requir							
Other:	-	1 407	Trebail Iteduir	<u> </u>						
				Pu	rge Informat	ion	• • • • • • • • • • • • • • • • • • • •			
Purging Method	(Circle one):		Stainless	Steel Bailer		ic Pump	<u></u>	Sample Port (P	umning Welle O	nfu\
	Teflon Bailer					ene Baller	Other: /	ound Dun		<u> </u>
	Wet	Gallons	Temperature	Specific	Turbidity	100				Na:
	Volume	Purged	1	Conductivity		E ALOSS		Comments		li .
		(gaf)	(deg C)	(mS/cm)	(NTUS)					1
	7.08	~7	56.1	1.49	9					
		1-14	55.5	1.45	3					
		1-21	55.6	1.51	۲.	_				
		~ 24	54.9	1.50	14					
		<u> </u>						· · · · · · · · · · · · · · · · · · ·		
omments:	Amount purge	<u>d</u>					 			
2/11		<u></u>	1025	1	pling Informa					
leasured Wate	i5	Time Sampled		Field Personnel	:	R C Becken				
ampling Metho				Cteel Deiles						
on ping mone	d (Once one).	·		Steel Bailer Bailer	Peristalt Pelyethyle		Other	Sample Port (Pu	mping Wells Or	nly)
	Samele	Temperature	pH	Specific	Turbidity	are baile	Other:	Salahara Maria		
1	LD.			Conductivity	I BICOOK			Comments		Ī
		(deg C)	(S.U.)	(mS/cm)	(NTU's)			Constitution	THE RESERVE	
	B-58	55.0	7.66	1042	42	875	-		1 xe4.	1
										1
								·		1
										1
	Taken: 10	ld Dro	*8							
A/QC Samples										
A/QC Samples omments:		1			Signature					

					BP, Sanborn, N		PRM			
Monitoring Well I	D: 6-5	9	Date: 7 10	12	Time Started:	1255	Field Perso	onnel:	RC Becken	
Neather Condition		reast w			<u> </u>					
Comments:										
				ı.	nitial Reading	js				
Measured Well B	Bottom (TOR -	ft) HAG	· · · · · · · · · · · · · · · · · · ·		Riser Pipe Diar	neter (in)	2 in.			
Measured Water	Level (TOR -	m 263	6		Conversion Fac		il ft)	1.25" = 0.08	2" = 0.17	3" = 0.38
Calculated Water	r Column Heig				(Circle One)		•	4" = 0.66	6" = 1.50	8" = 2.60
One Well Volume		-27			FiveWell Volum	nes (gals.)	41.3		,	
Notes:										
				V	Vell Condition	18				
Well Riser Type	(Circle one):		Stainle	ss Steel	Carbo	n Steel		PVC		
Casing Condition		OK	Repair Require							
	Cap Condition: Repair Required:									
Paint Condition:		OR	Repair Require							
ock Condition:		OK	Repair Require							
nner Casing Cor	ndition:	ØK	Repair Require					··-		
Surface Seal Cor		OK)	Repair Require							
Other:				·						
				Pu	ırge İnformat	ion				
urging Method ((Circle one):		Stainless :	Steel Bailer	Peristalt			Sample Port (Pi	umping Wells O	niv)
				Bailer		ene Bailer	Other: Pu		An	,
	Well	Gallons	Temperature	Specific	Turbidity		1		V/	
1	Volume	Purged	11-1	Conductivity			C	comments		
		(gal)	(deg C)	(mS/cm)	(NTU's)					
	8.27	5.3	58.4	139	93					1
		16.6	55.5	2.10	4					1
	=	25	55.10	2.3	3			-		1
		32.2	55.5	2.39	7					1
		,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	- 33,73	4.01	· · · · · ·	-		-		┨
										
comments: A	mount purged			· · · · · · · · · · · · · · · · · · ·					······································	
70111110(10). 71	mount parget			Sam	pling Informa	etion				
Pate: 7/in/12	,	Time Sampled:	1255	Field Personne		R C Becken	•			
leasured Water		160		i idu reisonne	л.	K C Beckell	····			
ampling Method		1. 4. 2.40	Stainless 5	Nool Poilor	Peristalt	in Dumn		Comple Dect /D:	ina Mala O	-64
amping metiod	(Olloic Olle).		Teflon		Polyethyle		Other:	Sample Port (Pu	Imping weils O	niy)
	Comple	Tomporatura	100.0			ile pallei	Oulei.			
	Sample	Temperature	ρH	Specific	Turbidity					
	I.D.	(4 0)	(0.11)	Conductivity	(2.25) (()		C	omments		1
-	B-59	(deg C)	(\$.U.) 7, 25	(mS/cm)	(NTU's) 78			· · · · · · · · · · · · · · · · · · ·		4
-	D-31	2617	6.65	[0]	10					-
F					 					-
-								<u>-</u>		4
							<u></u> .			▟ــ
A/QC Samples	raken:									
omments:					<u> </u>			*** *****		
					Signature				1	
Sampler (Print):		Richard C. Rec	ken	Samoler (signa	ture!	0.00	Kel		Date: 7/14	1.>

O&M Enterprises, Inc.

			MONITORING	M Enterprises, WELL SAMPLIN BP, Sanborn, N	IG FIELD FO	RM			
Monitoring Well I.D.: 8-60	<u>خ</u>	Date: 74 kg	12	Time Started:		Field Pers	sonnel·	RC Becken	
	my win			1.11110		11 1010 1 010	ormon.	NO DECKEIT	
Comments:	- 1	1				-			
			li	nitial Reading	js				
Measured Well Bottom (TOR -	m) 55.6	S 5		Riser Pipe Dian	neter (in)	2 in.			
Measured Water Level (TOR -	ft) // L	2		Conversion Fac	tor (gal/linea	l ft)	1.25" = 0.08	2" = 0.17	3" = 0.38
Calculated Water Column Heig	tht (ft) 43	63		(Circle One)			4" = 0.66	6" = 1.50	8" = 2.60
One Well Volume (gais.)	7,42			FiveWell Volum	es (gals.)	37·o			
Notes:									
			V	Vell Condition	18				
Well Riser Type (Circle one):	·	Stainle	ss Steel	Carbo	Steel		PVC		
Casing Condition:	OK)	Repair Require	<u>d:</u>	···					
Cap Condition:	OK)	Repair Require	d:						
Paint Condition:	QK)	Repair Require	d:						
Lock Condition:	6K)	Repair Require	d:						
Inner Casing Condition:	OK)	Repair Require	d:						
Surface Seal Condition:	QR)	Repair Require	d:						
Other:									
			Pu	rge Informati	on				
Purging Method (Circle one):	 .	Stainless S		Peristalti	c Pump		Sample Port (Pu	mping Wells Or	nly)
		Teflon	Bailer	Polyethyle	ne Bailer	Other: b	inge our	V	
Volume	Gallons Purged (gal)	Temperature (deg C)	Specific Conductivity (mS/cm)	Turbidity (NTU's)		•	Comments		
7.42	~7.5	56.5	1.99	8-					4
	~15	56.3	403						1
· · · · · ·	~ 22	56.2	3 1	3					4
	~ 30	56.0	1064	2					4
									<u></u>
		-							
Comments: Amount purged			-	alina lafa	Al			,	
Date: 4-2(10/13	T 0	nles T		pling Informa				.	
	Time Sampled:	7420	Field Personne	<u> </u>	R C Becken		<u> </u>		·
Measured Water Level (TOR ft.	F 10:20	Otel-1 5							
Sampling Method (Circle one):		Stainless S		Peristalti			Sample Port (Pu	mping Wells Or	nly)
Comple	Tomacastas	Teflon		Polyethyle	ne Bailes	Other:			1
Sample I.D.	Temperature	pН	Specific	Turbidity					
1,10.	(dog (1)	(811)	Conductivity	ALTON			Comments		1960
B-60	(deg C) 56.7	(s.u.)	(mS/cm)	(NTU's)					
9.00	00.1	1,00	1,19	00					Ŧ
						- · · · · · · · · · · · · · · · · · · ·			1
		-						-t	1
QA/QC Samples Taken: MS	+mxD			<u> </u>					<u> </u>
Comments:									
				Signature		·			
		——Т		- June 1	0	$\overline{\bigcirc}$		l s	
Sampler (Print):	Richard C. Bec	ken .	Sampler (signat	ure):	_ VC	Deck	nudgement.	Date: 7/16	13

Part .					M Enterprises WELL SAMPLII BP. Sanborn, N	NG FIELD FO	ORM .			
Monitoring We	11 I.D.: B-6	2	Date: 7/10	113	Time Started:	1455	Field Po	ersonnel:	RC Becken	
Weather Cond		unny Wi	ndh							
Comments:			1							· ·
					nitial Readin	gs				
Measured Wel	Bottom (TOR -	ft) 29.5	3		Riser Pipe Dia	meter (in)	2 in.			
Measured Wat	ter Level (TOR -	ft) 10.5	4		Conversion Fa	ctor (gal/lines	al ft)	1.25" = 0.08	2" = 0.17	3" = 0.38
Calculated Wa	ter Column Hei	ght (ft) , Q . ()	1		(Circle One)			4" = 0.66	6" = 1.50	8" = 2.60
One Well Volu	me (gals.)	3,23			FiveWell Volum	nes (gals.)	16.2			
Notes:										
				V	Vell Conditio	ns				
Well Riser Typ	e (Circle one):		Stainle	ss Steel	Carbo	n Steel		PVC		
Casing Conditi	on:	OK	Repair Require	d: ·						
Cap Condition:		OK	Repair Require	<u>d:</u>						
Paint Condition	1:	COK	Repair Require	d:				·	·	
Lock Condition	ı:	OK	Repair Require	d:						
Inner Casing C	condition:	OK)	Repair Require	d:					_	
Surface Seal C	condition:	ОК	Repair Require	d:						
Other:			·			···				
					irge Informat	ion		<u> </u>		
Purging Method	d (Circle one):	· .		Steel Bailer	Peristal	tic Pump		Sample Port (Pr	umping Wells C	Only)
		1		Bailer	Polyethy!	ene Bailer	Other:	purge pum	0	
	Well Volume	Gallons Purged (gal)	Temperature (deg C)	Specific Conductivity (mS/cm)	Turbidity (NTU's)			Comments	<i>y</i>	
	3.23	3,23	55.0	0,98	7					
		6.46	53.9	0.87	3					
		9.69	52.9	0.85	3				•	
		12.92	52.7	085	2					
Comments:	Amount purged		,							
				Sam	pling Inform	ation				
Date: 11101	は	Time Sampled:	1525	Field Personne	d:	R C Becken		<u> </u>		
Measured Wate	er Level (TOR fi	10.87								
Sampling Methor	od (Circle one):		Stainless S	Steel Bailer		ic Pump		Sample Port (Pu	ımping Wells C	nly)
			Teflon	Bailer	Polyethyle	ene Bailer	Other:			
	Sample I.D	Temperature	pН	Specific Conductivity	Turbidity			Comments		
	7	(deg C)	(S.U.)	(mS/cm)	(NTU's)		<u> </u>	1)		
	5-61	56.3	79	0.86	26	HALS	10 60	<u> 24</u>		4
										4
										4
						U				
QA/QC Sample	s Taken:									
Comments:	~~~~				-					
-		· .	·		Signature					,
Sampler (Print):		Richard C. Bec	ken	Sampler (signa	ture): لما	me le	Bei		Date: 718	13

		MONITOR	O&M Enterprises, Inc. ING WELL SAMPLING FIELD BP, Sanborn, NY	FORM	
Monitoring Well I.D.:	-62	Date: 7/16/13	Time Started: 0820	Field Personnel:	RC Becken
Weather Conditions:	overcust				
Comments:					
			Initial Readings		
Measured Well Bottom (T			Riser Pipe Diameter (in)	2 in.	
Measured Water Level (T	_		Conversion Factor (gal/lir	neal ft) 1.25" = 0.08	3"=0.17 3"=0.38
Calculated Water Column		2	(Circle One)	4" = 0.66	6" = 1.50 8" = 2.60
One Well Volume (gals.)	15.1		FiveWell Volumes (gals.)	75.4	
Notes:	<u>-</u>				
		$\overline{}$	Well Conditions		
Well Riser Type (Circle or		Stainless Steel	Carbon Steel	PVC	· · · · · · · · · · · · · · · · · · ·
Casing Condition:	OR OR	Repair Required:			
Cap Condition:	€K	Repair Required:		· · · · · · · · · · · · · · · · · · ·	
Paint Condition:	OK	Repair Required:			
Lock Condition:	OK OK	Repair Required:		·	
Inner Casing Condition:	OK)	Repair Required:			
Surface Seal Condition: Other:	OK)	Repair Required:	<u> </u>	 -	
Oulei.			Purge Information		
Burging Method (Cirols on	m)-	Ctainless Ctast Dailes		0 15 1	
Purging Method (Circle on	ie).	Stainless Steel Bailer Teflon Bailer			Pumping Wells Only)
Well	Gallons	Temperature Specifi	Polyethylene Bailer	Other: purge pun	
Volum	e Purged	Conducti	ivity	Comments	
150	(gal)	(deg C) (mS/cn			
 /5.1	J-30	64.1 3.00			
	~ 45	54.3 3.00			-
	-60	540 3.00			
	- 70	15 TIC 3107	7		
		<u> </u>			 _
Comments: Amount pu	irged 76 Ger		L,		
	30- 10 400		Sampling Information		
Date: 7/10/13	Time Sampled				
Measured Water Level (TO		i Colores	Office. It C Decki	<u> </u>	
Sampling Method (Circle o		Stainless Steel Bailer	Peristaltic Pump	Sample Bort (Pumping Wells Only)
		Teflon Bailer	Polyethylene Bailer	Other:	-umping vveils Only/
Sample	e Temperature	pH Specifi	The state of the s		
I.D		Conduct	(a)	Comments	
	(deg C)	(S.U.) (mS/co		Sommon (S	
B-62		7,06 217	60		
4					
l i					
QA/QC Samples Taken:			· · · · · · · · · · · · · · · · · · ·		
Comments:					
			Signature		
Complex (Brint)	Dishard C Day	den C	(P. 0.	Baken	Date: 7/10/13
Sampler (Print):	Richard C. Bed	ken Sampler (s	signature): Kilcher (TOOLL	Date: (º 3

Monitoring Well I.D.: 8-4	3	Date: 7/10/1	3	Time Started:	1932	Field Pers	sonnel:	RC Becken	
	vercast u			Time our war		11.0001.000	Addios.	TO Decited	
Comments:	27 2300 0 0	1							
			Ĺ	nitial Reading	S				
Measured Well Bottom (TO			· · · · · · · · · · · · · · · · · · ·	Riser Pipe Diam	eter (in)	2 in.			
Measured Water Level (TO	_			Conversion Fac	tor (gal/lineal	ft)	1.25" = 0.08	2" = 0.17	3" = 0.38
Calculated Water Column H		2	<u>.</u>	(Circle One)			4" = 0.66	6" = 1.50	8" = 2.60
One Well Volume (gals.)	30)			FiveWell Volum	es (gals.) 🏄	<u>ና، ୪</u>	7 1. Tu		
Notes:				V-11 O		···			
				Vell Condition					
Well Riser Type (Circle one		T	ese-Oteél	Carbor	Steel		PVC		
Casing Condition:	ØK)	Repair Require					·		
Cap Condition: Paint Condition:	OK OK	Repair Require		 			• •		
ock Condition:	OR OR	Repair Require							· ·
nner Casing Condition:	OK)	Repair Require							
Surface Seal Condition:	(OK)	Repair Require					···		
Other:								·	
<u> </u>			Pu	rge Informati	on				
ourging Method (Circle one):	Stainless	Steel Bailer	Peristalti	c Pump	·	Sample Port (P	umping Wells C	nly)
		Teflo	flon Bailer Polyethylene Bailer			Other: 🔑	ourge pum	9	
Wall	Gations	Temperature	Specific	Turbidity	LIAMIT	254 -50	DESCRIPTION OF		6
Volume	Purged	18 B	Conductivity		THE PARTY OF	2001 1 8	Comments		
	(gai)	(deg C)	(mS/cm)	(NTU's)	See Aurica	7-844		State of Control of Control	
3.1	~3.1	59.0	2.08	64					-
	~6.2	56.0	2,62	69		····			-[
	~ 9, 3	55,4	2,01	3					[
	~12.4	53.5	2.02		· · · ·				
			<u> </u>	<u> </u>					
Comments: Amount pur	ged 16 au	0							
John Marie Paris	10 94	<i>Y</i>	Sam	pling Informa	ntion			 	
Date: 7/14/13	Time Sampled	1: 1000	Field Personne		R C Becken				-
Measured Water Level (TO	0.10						-		
Sampling Method (Circle on		Stainless	Steel Bailer	Peristalti	ic Pump		Sample Port (P	umping Wells C	nly)
			n Bailer	Kolyethyle		Other:			
Sample	Temperature	PH	Specific	Turbid.ty		of the second		INCHES TO SERVICE	N .
tD.	(1) 등 (1) (1) (1) (1) (1) (1) (1) (1) (1) (1)	de la la la la la la la la la la la la la	Conductivity		State of the last		Comments		
	(deg C)	(8.0)	(mS/cm)	(NTU's)	\$131 × 71	STATE OF			
B-63	35,3	6.99	1.99	147					_
	_		ļ	ļ				·	-
		1	<u> </u>	\vdash					4
		1	<u> </u>	<u> </u>					
QA/QC Samples Taken:							-,,-		
Comments:			y	Cianatura					
			, , , , , , , , , , , , , , , , , , ,	Signature		0		 	1.
Sampler (Print):	Richard C. Be	al.aa	Sampley (signa	ماكيا السام	hulc	Kala	_	Date: 7/10	1113

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O&M Enterprises, Inc.

			MONITORING	M Enterprises WELL SAMPLIN BP, Sanborn, N	NG FIELD FO	ORM			
Monitoring Well I.D.: 16-6	, ų	Date: 7 10	113	Time Started:	1610	Field Pe	rsonnel:	RC Becken	
Weather Conditions:	verant	windy							
Comments:								-	
				nitial Reading	gs				
Measured Well Bottom (TOR				Riser Pipe Diar	meter (in)	2 in.			
Measured Water Level (TOR	-ft) 9.09	5		Conversion Fac	ctor (gal/lines	al ft)	1.25" = 0.08	2"=0.17	3" = 0.38
Calculated Water Column Hei	ight (ft) 33	29		(Circle One)			4" = 0.66	6" = 1 <u>.</u> 50	8" = 2.60
One Well Volume (gals.)	5.60			FiveWell Volum	nes (gals.)	27.3			
Notes:					<u></u>				
				Vell Condition	ns				
Well Riser Type (Circle one):		Stainle	ss Stee	Carbo	n Steel		PVC		
Casing Condition:	ØK)	Repair Require	<u>:d:</u>			0			
Cap Condition:	(OK)	Repair Require	ed:	·					
Paint Condition:	OK	Repair Require	:d:						
Lock Condition:	ок	Repair Require	id:						
Inner Casing Condition:	OK)	Repair Require	:d:						
Surface Seal Condition:	(K)	Repair Require	:d:						
Other:									
			Pu	ırge informati	ion				
Purging Method (Circle one):			Steel Bailer	Peristalt	tic Pump		Sample Port (Pu	umping Wells O	nly)
	_	Teflon	Bailer	Polyethyle	ene Bailer	Other:	ourge pump		-
Well Volume	Gallons Purged (gal)	Temperature (deg C)	Specific Conductivity (mS/cm)	Turbidity (NTU's)			Comments		
5.66	5.7	57.5	0.85	9					4
	11.4	546	0.78	3			· · · · · ·		-
	17.1	54.4	0.78	2					-
	22.8	53.8	0.79	2					1
							· · · · · · · · · · · · · · · · · · ·	······································	<u> </u>
Comments: Amount purged	1 285 a	1							
. 37 4			Sam	pling Informa	ation			· · · · · · · · · · · · · · · · · · ·	
Date: 7 10 13	Time Sampled:	1045	Field Personne	el:	R C Becken				
Measured Water Level (TOR fl	1): 9.04		·						
Sampling Method (Circle one):		Stainless S	Steel Bailer	Peristalti	ic Pump		Sample Port (Pu	mping Wells O	nlv)
		Teflon	Bailer	Rolyethyle	ene Bailer	Other:			
Sample I.D	Temperature	рĤ	Specific Conductivity	Turbidity			Comments		
	(deg C)	(S.U.)	(mS/cm)	(NTU's)					
B-64	58.4	7,13	1.04	27					1
	ļ]
									1
		l .							
QA/QC Samples Taken: Fi	eld Dup	4							
Comments:									
				Signature					
Sampler (Print):	Richard C. Beck	cen .	Sampler (signa	tural K	2 20	Ral		nu 7/11	() 3

		М		M Enterprises WELL SAMPLIN BP, Sanborn, N	IG FIELD F	ORM			2
Monitoring Well I.D.: 8-6	5	Date: 57/10	>/13	Time Started:	1050	Field P	ersonnel:	RC Beck	en
Weather Conditions:	-nny/cli	budy wind	ابر						
Comments:			<u> </u>						
									
	- Ch - C		<u>l</u>	nitial Reading					
Measured Well Bottom (TOR		7.		Riser Pipe Diar		2 in.	.		
Measured Water Level (TOR			·	Conversion Fac	tor (gal/line:	al ft)	1.25" =		3" = 0.38
Calculated Water Column He One Well Volume (gals.)	ight (ft) 46,1	24		(Circle One)		701	4" = 0.	66 6" = 1.50	8" = 2.60
Notes:	1.79		 -	FiveWell Volum	ies (gals.)	39.6			
Notes.			V	Vell Condition				<u> </u>	
Well Riser Type (Circle one):		Stainless		·	n Steel		D) (O		
Casing Condition:	OK	Repair Required:		Carbo	i Steel	· · · · · · · · · · · · · · · · · · ·	PVC		
Cap Condition:	OK)	Repair Required:					<u>-</u>		
Paint Condition:	ОК	Repair Required:						 -	
Lock Condition:	ок	Repair Required:						 -	
Inner Casing Condition:	(OK)	Repair Required:	-	· ·					
Surface Seal Condition:	(ÓK)	Repair Required:							
Other:								·	
			Pu	rge Informati	ion			· · · · · · · · · · · · · · · · · · ·	
Purging Method (Circle one):		Stainless Ste	eel Bailer	Peristalt	ic Pump	-	Sample I	Port (Pumping Well	s Only)
		Teflon B	ailer		ene Bailer	Other:		ump	<u> </u>
Well Volume	Gallons Purged (gal)	(deg C)	Specific Conductivity (mS/cm)	Turbidity (NTU's)			Comments		
7,93	~8 ~16 ~24 ~32	57.6 56.1 56.1 35.8	1,79 2.48 2.43 2.43	3					
Comments: Amount purge			Sam	pling Informa	ition				
Date: 7 [10/13	Time Sampled:	*	eld Personne	<u>li:</u>	R C Becken		· · · · · · · · · · · · · · · · · · ·		
Measured Water Level (TOR:		· · · · · · · · · · · · · · · · · · ·							
Sampling Method (Circle one)	:	Stainless Ste		Peristalt			Sample F	ort (Pumping Well:	s Only)
		Teflon B		Polyethyle	ne Bailer	Other.	···		
Sample I.D.	(deg C)	(S.U.)	Specific Conductivity (m\$/cm)	(NTU's)			Comments		
QA/QC Samples Taken:									
Comments:				<u> </u>					
···				Signature					
Sampler (Print):	Richard C. Bec	ken Sa	ampler (signa	ture): Kick		_Be	cham	Date: つ	16/12

;				M Enterprises WELL SAMPLII BP, Sanborn, N	NG FIELD FO	RM			
Monitoring Well I.D.: 🔏 🎍 💪	.6	Date: 7/10	13	Time Started:	1140	Field Pe	rsonnel:	RC Becken	
	reneast	windy			•			Tip Books.	
Comments:		1							
									
				nitial Reading	gs		·		
Measured Well Bottom (TOF				Riser Pipe Dia	meter (in)	2 in.			
Measured Water Level (TOF		<u>'</u>		Conversion Fa	ctor (gal/linea	l ft)	1.25" = 0.08	2" = 0.17	3" = 0.38
Calculated Water Column He	eight (ft)	₹		(Circle One)			4" = 0.66	6" = 1.50	8" = 2.60
One Well Volume (gals.)	5.25		 -	FiveWell Volun	nes (gals.) 🧳	26.3			
Notes:						··· <u>·</u>		w	
				Vell Conditio					
Well Riser Type (Circle one)			ss Steel	Carbo	n Steel		PVC		
Casing Condition:	OK	Repair Require							
Cap Condition:	(OK)	Repair Require					<u> </u>		
Paint Condition:	OK	Repair Require							···
Lock Condition:	OK	Repair Require							
Inner Casing Condition:	OK)	Repair Require	-		 				
Surface Seal Condition: Other:	(UK)	Repair Require	<u> </u>				·		
Oulei.			D.	ırge Informat	ion				
Purging Method (Circle one):		Otalalas I			- 71				
ruiging weutoo (Circle one).			Steel Bailer Bailer		tic Pump ene Bailer	Othor	Sample Port (Pu	imping Wells C	Only)
Well Volume	Gallons Purged (gal) -5.25 -/0.5 -/5.75 -28.6	(deg C) 56.8 54.1 54.0 53・7	Specific Conductivity (mS/cm) 0.82 0.73	Turbidity (NTU's) 4 2			Comments		
Comments: Amount purg	ed 27 co.	0							
Comments. Famount parg	- / <u>ζ</u> σ.	<u> </u>	Sam	pling Inform	ation			<u>-</u>	
Date:) (S)	Time Sampled:	1215	Field Personne		R C Becken				
Measured Water Level (TOR					TT O DOGITOR				
Sampling Method (Circle one			Steel Bailer	Peristali	tic Pump		Sample Port (Pu	ımning Wells C)nlv)
			Bailer		ene Bailer	Other:		mping Hollo C	, ring /
Sample	Temperature	рН	: Specific	Turbidity					
I D			Conductivity				Comments		
	(deg C)	(s,u.)	(mS/cm)	(NTU's)					
6-66		9.4	0.75	74					
							-	-	
QA/QC Samples Taken:				-					
Comments:	<u></u> .	-		<u> </u>					
				Signature				_	

Sampler (signature):

Sampler (Print):

Richard C. Becken

Membersham Well 10: \$\frac{1}{2} \frac{1}{2}			MONITORING	M Enterprise: WELL SAMPLI BP, Sanborn, I	ING FIELD FOR	M			
Measured Well Bottom (TOR - 1) 2 1 1.25" = 0.06 2 0.35 3" = 0.38			T = 7				ar a said		
Initial Readings		-1	Date: 7/16/	13	Time Started:	個半1225	Field Personnel:	RC Becken	
Initial Readings River Pipe Dameter (in) 2 in. Measured Wider Level (TOR - ft) 1.0 0.3 Convention Fedor (gal/linear ft) 1.25" = 0.06 2" = 0.37 3" = 0.38 Convention Fedor (gal/linear ft) 1.25" = 0.06 6" = 1.50 6" = 2.50 Convention Fedor (gal/linear ft) 1.25" = 0.06 6" = 1.50 6" = 2.50 Convention Fedor (gal/linear ft) 1.25" = 0.06 6" = 1.50 6" = 2.50 Convention Fedor (gal/linear ft) 1.25" = 0.06 6" = 1.50 6" = 2.50 Convention Fedor (gal/linear ft) 1.25" = 0.06 6" = 1.50 6" = 2.50 Convention Fedor (gal/linear ft) 1.25" = 0.06 6" = 1.50 6" = 2.50 Convention Fedor (gal/linear ft) 1.25" = 0.06 6" = 1.50 6" = 2.50 Convention Fedor (gal/linear ft) 1.25" = 0.06 6" = 1.50 6" = 2.50 Convention Fedor (gal/linear ft) 1.25" = 0.06 6" = 1.50 6" = 2.50 Convention Fedor (gal/linear ft) 1.25" = 0.06 6" = 1.50 6" = 2.50 Convention Fedor (gal/linear ft) 1.25" 1.25" Convention Fedor (gal/linear ft) 1.25" = 0.06 6" = 1.50 6" = 2.50 F" = 2.50		vercast						······································	
Measured Well Bottom (TOR - ft)	Comments:			 -					
Measured Well Bottom (TOR - ft)		·							
Measured Waler Level (TOR- 1)		011 1		<u></u>	T				
Calculated Wither Column Helpht (1) 14 14 (Circle One) 4"=0.88 6"=1.50 6"=2.80 One Well Volume (gals.) 3 FreeWell Volumes (gals.) 4 5									,
Preweet Volume (gats.) Statices Steel Statices Steel Carbon Steel PVC		OR - ft) 10.0:	7)\		1	actor (gai/lineal f	•		3" = 0.38
Mell Riser Type (Circle one)		Height (ft) /4	14					0.66 6" = 1.50	8" = 2.60
Well Riser Type (Circle one): Stagless Steel Carbon Steel PVC Cap Condition: Cip Repair Required: Cap Condition: OK Repair Required: Conduction: OK Repair Required: Conduction: OK Repair Required: Conduction: OK Repair Required: Conduction: OK Repair Required: Conduction: OK Repair Required: Conduction: OK Repair Required: Conduction: OK Repair Required: Conduction: OK Repair Required: Conduction: OK Repair Required: Conduction: OK Repair Required: Conduction: OK Repair Required: Conduction: OK Repair Required: Stainless Steel Bailer Portstatic Pump Sample Port (Pumping Wells Only) Teffon Bailer Polystatic Pump Conductivity Conductivity (age) (4.0			FiveWell Volu	mes (gals.) 🙏	<u> 2,5 </u>		
Well Galons: Temperature Specific Conductivity Conductivi	Notes:		 		V-11 O				
Casing Condition: 6R Repair Required: Cap Condition: 6R Repair Required: Lock Condition: 0K Repair Required: Lock Condition: 0K Repair Required: Lock Condition: 0K Repair Required: Lock Condition: 0K Repair Required: Lock Condition: 0K Repair Required: Lock Condition: 0K Repair Required: Contract Purge Information Purging Method (Circle one): Stainless Steel Balter Peristatic Purp Sample Port (Pumping Wells Only) Well Gallons: Tenforn Balter Polyethylens Balter Other: Purging Method (Circle one): Tenforn Balter Polyethylens Balter Other: Volume (gai) (deg C) (mS/cm) (NTUs) (ATUs) (MTUs) Comments Sampling Information Dete: 7 (5 1 2 1 3 1 3 1 1 2 1 1 1 1 1 1 1 1 1 1 1									
Cap Condition: OK Repair Required: Lock Condition: OK Repair Required: Lock Condition: OK Repair Required: Lock Condition: OK Repair Required: Surface Seal Condition: Other: Purgle Information Purgle Information Purgling Method (Circle one): Stainless Steel Baller Tenfon Baller Tenfon Baller Polysthylene Baller Tenfon Baller Tenfon Baller Sampling Information Sample Port (Pumping Wells Only) Comments: Amount purged Sampling Information Sample Port (Pumping Wells Only) Tenfon Baller Polysthylene Baller Turbidity Comments (NTU's) Sampling Information Sampling Information Date: Tip Islam Time Sampler: Jo 2 2 Sampling Information Sampling Information Sampling Information Date: Tip Islam Sampling Information Sampling Information Sampling Information Sampling Information Date: Tip Islam Sampling Information Sampling Information Date: Tip Islam Sampling Information Sampling Information Date: Tip Islam Sampling Information Sampling Information Date: Tip Islam Sampling Information Date: Tip Islam Sampling Information Sampling Information Date: Tip Islam Sampling Information Date: Tip Islam Sampling Information Date: Tip Islam Sampling Information Sampling Information Date: Tip Islam Sampling			-		Carb	on Steel	PVC		
Peint Condition:									
Lock Condition: OK Repair Required: Inner Casing Condition: OR) Repair Required: Other: Purgle Information Purgle Information Purgle Information Purgle Information Purgle Information Purgle Information Purgle Information Purgle Information Purgle Information Purgle Information Purgle Information Fellow Bailer Polyethylene Bailer Other: Purgle Information Well Gallons: Temperature Specific Conductivity (Information) Quell (deg.C) (miscent) (Information) Quell (deg.C) (miscent) (Information) Total St. S. S. J. S. S. J. S. S. J. S. S. S. J. S. S. S. J. S. S. S. J. S. S. S. J. S. S. S. J. S. S. S. J. S. S. S. J. S. S. S. J. S. S. S. J. S. S. S. S. J. S. S. S. J. S. S. S. S. S. S. S. S. S. S. S. S. S.							<u> </u>		
Inner Casing Condition: Surface Seal Condition: Other: Purge Information Purging Method (Circle one): Stainless Steel Baller Polyethylene Baller Polyethylene Baller Other: Volume Purged (deg C) (mS/cm) Sampling Information Sampling Information Sample Port (Pumping Wells Only) Comments: Amount purged Sampling Information Sampling Information Sampling Information Sample Port (Pumping Wells Only) Comments: R C Becken Measured Water Level (TOR tt): Sampling Method (Circle one): Stainless Steel Baller Peristatic Pump Comments (NTU's) Comments R C Becken Measured Water Level (TOR tt): Sampling Method (Circle one): Stainless Steel Baller Peristatic Pump Sample Port (Pumping Wells Only) Teffon Ballor (Polyethylene Baller Peristatic Pump Sample Port (Pumping Wells Only) Teffon Ballor (Polyethylene Baller Peristatic Pump Sample Port (Pumping Wells Only) Teffon Ballor (Polyethylene Baller Peristatic Pump Sample Port (Pumping Wells Only) Teffon Ballor (Polyethylene Baller Peristatic Pump Sample Port (Pumping Wells Only) Teffon Ballor (Polyethylene Baller Peristatic Pump Sample Port (Pumping Wells Only) Teffon Ballor (Polyethylene Baller Peristatic Pump Sample Port (Pumping Wells Only) Teffon Ballor (NTU's) Comments: Signature	•								
Surface Seal Condition: Office: Purgle Information Purging Method (Circle one): Stainless Steel Bailer Perstatitic Pump Sample Port (Pumping Wells Only) Teflon Bailler Polyethylene Bailer Other: Volume (gal) (deg C) (mS/con) (NTU's) Comments: Amount purged Sampling Information Purged (Freign Bailer Sampling Method (Circle one): Sampling Method (Circle one): Sampling Method (Circle one): Sampling Method (Circle one): Sampling Method (Circle one): Sampling Method (Circle one): Stainless Steel Bailer Perstatitic Pump Sample Port (Pumping Wells Only) Teflon Bailer (Polyethylene Bailer RC Becken Measured Water Level (TOR 11): 1/O . 2 2 Sampling Method (Circle one): Stainless Steel Bailer Perstatitic Pump Sample Port (Pumping Wells Only) Teflon Bailer (Polyethylene Bailer (Polyethylene Bailer (Polyethylene Bailer (Polyethylene Bailer Other: Comments Sample Temperature pH Specific Turbidity Comments (NTU's) Comments Sample Port (Pumping Wells Only) Teflon Bailer (Polyethylene Bailer (Polyethylene Bailer (Polyethylene Bailer (Polyethylene Bailer Other: Sample Port (Pumping Wells Only) Teflon Bailer (Polyethylene Bailer (Polyethylene Bailer (Polyethylene Bailer (Polyethylene Bailer (Polyethylene Bailer (Polyethylene Bailer (Polyethylene Bailer (Polyethylene Bailer (Polyethylene Bailer (Polyethylene Bailer (Polyethylene Bailer (Polyethylene Bailer (Polyethylene Bailer (Polyethylene Bailer (Polyethylene Bailer (Polyethylene Bailer (Polyethylene Bailer (Polyethylene (Polyethylen						 	· · · · · · · · · · · · · · · · · · ·		
Other: Purging Method (Circle one): Stainless Steel Bailer Teflon Bailer Polyethylene Bailer Other: Well Gallons: Temperature Specific Turbidity Conductivity (MTU's) 2.5 2.5 57.0 7.5 7 291 7.5 55.5 7 4 72 10 55.2 7.5 13 Comments: Amount purged Sampling Information Date: 7 (O Ital) Sample Circle one): Stainless Steel Bailer Peristatitic Pump Sample Port (Pumping Weils Only) Sampling Information Date: 7 (O Ital) Sample Temperature pH Specific Turbidity Conductivity (deg C) (S U) (mS/cm) (NTU's) Sample Temperature pH Specific Turbidity Conductivity (MTU's) Sample Temperature pH Specific Turbidity Conductivity (deg C) (S U) (mS/cm) (NTU's) DAVICE Samples Taken: Comments: Signature									
Purgling Method (Circle one): Stainless Steel Bailer Peristatitic Pump Sample Port (Pumping Wells Only) Teffon Bailer Polyethylene Bailer Other: Well Gallons: Temperature Volume Purged (gail) (deg C) (mScm) (NTU's) Sempling Information Comments: Amount purged Sampling Information Date: 1/0/18 Time Sampled: 12.5 O Fleid Personnel: R C Becken Measured Water Level (TOR1): 10.2.2 Sampling Method (Circle one): Stainless Steel Bailer Peristatitic Pump Purged Time Sample Temperature Purged Sampling Information Sampling Information Other: Comments: Amount purged Sample Temperature Peristatitic Pump Sample Port (Pumping Wells Only) Teffon Bailer Peristatitic Pump Sample Temperature Ph Specific Turbidiy Conductivity I.D. (deg C) (6.U.) (mScm) (NTU's) (mScm) (NTU's) Comments: Signature		OR	Repair Require	ed:					
Purging Method (Circle one): Stainless Steel Bailer Teflon Bailer Peristatitic Pump Sample Port (Pumping Wells Only) Well Gallons: Temperature Specific Conductivity (gal) (deg C) (m8/cm) (NTU's) 2.5 2.5 57.0 /.57 291 7.5 55.5 /.54 7.7 Ine Sample Information Date: 1/0/L3 Time Sample (170R ft): 10.22 Sampling Method (Circle one): Stainless Steel Bailer Peristatitic Pump Sample Port (Pumping Wells Only) Comments R C Becken Measured Water Level (TOR ft): 10.22 Sampling Method (Circle one): Stainless Steel Bailer Peristatitic Pump Sample Port (Pumping Wells Only) Teflon Bailer Peristatitic Pump Sample Other: Teflon Bailer Peristatitic Pump Sample Other: Teflon Bailer Peristatitic Pump Sample Other: Teflon Bailer Peristatitic Pump Sample Other: Teflon Bailer Peristatitic Pump Sample Other: Teflon Bailer Peristatitic Pump Sample Other: Teflon Bailer Peristatitic Pump Sample Other: Teflon Bailer Peristatitic Pump Sample Other: Teflon Bailer Peristatitic Pump Sample Other: Teflon Bailer Peristatitic Pump Sample Other: Teflon Bailer Peristatitic Pump Sample Port (Pumping Wells Only) Teflon Bailer Peristatitic Pump Sample Port (Pumping Wells Only) Teflon Bailer Peristatitic Pump Sample Port (Pumping Wells Only) Teflon Bailer Peristatitic Pump Sample Port (Pumping Wells Only) Teflon Bailer Peristatitic Pump Sample Port (Pumping Wells Only) Teflon Bailer Peristatitic Pump Sample Port (Pumping Wells Only) Teflon Bailer Peristatitic Pump Sample Port (Pumping Wells Only) Teflon Bailer Peristatitic Pump Sample Port (Pumping Wells Only) Teflon Bailer Peristatic Pump Sample Port (Pumping Wells Only) Teflon Bailer Peristatic Pump Sample Port (Pumping Wells Only) Teflon Bailer Peristatic Pump Sample Port (Pumping Wells Only) Teflon Bailer Peristatic Pump Sample Port (Pumping Wells Only) Teflon Bailer Peristatic Pump Sample Port (Pumping Wells Only)	Other:					4*			
Teflon Bailer Polyethylene Bailer Other: Purgle Dump Well Gallons: Temperature Specific Turbidity Conductivity Volume Purged (gal) (deg C) (mSicm) (NTU's) 2.5 2.5 57.0 7.57 291 7.5 55.5 7.5 7.2 7.5 13 Comments: Amount purged Sampling Information Date: 7 0 13 Time Sampled: 72.5 0 Fleld Personnel: R C Becken Measured Water Level (TOR ft.): 10, 22 Sampling Method (Circle one): Stainless Steel Bailer Peristatic Pump Sample Port (Pumping Wells Only) Teflon Bailer (Polyethylene Bailer) Other: Sample Temperature pH Specific Turbidity Conductivity (deg C) (S.U.) (mS/cm) (NTU's) 6-61 564 7.3 1.55 134 DAVOC Samples Taken: Comments: Signature									
Well Gallons Temperature Specific Turbidity Comments	Purging Method (Circle on	ie):							Only)
Volume	100					riene Bailer	Other: GV74L	Dump	1
(gal) (deg C) (mS/cm) (NTU's)			Temperature		Turbidity				
2.5 2.5 57.0 7.57 291 7.5 55.3 7.55 29 7.5 55.5 7.5	Volum	(1 - C - C - C - C - C - C - C - C - C -					Comments	3	
Comments: Amount purged Sampling Information Date: 1/0/13 Time Sampled: /2.5 O Field Personnel: R C Becken Measured Water Level (TOR ft.): /0.22 Sampling Method (Circle one): Stainless Steel Bailer Peristaltic Pump Sample Port (Pumping Wells Only) Teffon Bailer (Polyethylene Bailer) Other: Sample Temperature pH Specific Turbidity Conductivity (NTU's) (deg C) (S U.) (mS/cm) (NTU's) CA/QC Samples Taken: Comments: Signature	05								4
Comments: Amount purged Sampling Information Date: 1/0/13 Time Sampled: 12.5 O Field Personnel: R C Becken Measured Water Level (TOR ft.): 10,222 Sampling Method (Circle one): Stainless Steel Bailer Peristalitic Pump Sample Port (Pumping Wells Only) Teflon Bailer (Polyethylene Bailer, Other: Sample Temperature PH Specific Conductivity Comments (deg C) (S.U.) (mS/cm) (NTU's) Comments QA/QC Samples Taken: Comments: Signature	L. 3	+ 52							_
Comments: Amount purged Sampling Information Date: 1/0/3 Time Sampled: /2.5 O Field Personnel: R C Becken Measured Water Level (TOR ft.): /0.22 Sampling Method (Circle one): Stainless Steel Bailer Peristalitic Pump Sample Port (Pumping Wells Only) Teffon Bailer (Polyethylene Bailer) Other: Sample Temperature pH Specific Turbidity Comments (deg C) (S.U.) (mS/cm) (NTU's) Comments 6-67 56.4 7.3 1.55 /34 DA/CC Samples Taken: Comments: Signature		132		4 4	<u> </u>				
Comments: Amount purged Sampling Information Date: 7 (0 3 Time Sampled: /2.5 Field Personnel: R C Becken Measured Water Level (TOR ft.): /0.22 Sampling Method (Circle one): Stainless Steel Baller Peristalitic Pump Sample Port (Pumping Wells Only) Teffon Baller (Polyethylene Baller, Other: Sample Temperature pH Specific Turbidity Conductivity (NTU's) (deg C) (S U.) (mS/cm) (NTU's) Comments DA/QC Samples Taken: Comments: Signature				1.54		-			4
Sampling Information Date: 7 10 13 Time Sampled: 7.5 0 Field Personnel: R C Becken Measured Water Level (TOR ft.): 10,22 Sampling Method (Circle one): Stainless Steel Bailer Peristaltic Pump Sample Port (Pumping Wells Only) Teflon Bailer (Polyethylene Bailer) Other: Sample Temperature pH Specific Turbdifty Conductivity Conductivity (deg C) (S U.) (mS/cm) (NTU's) B-67 56.4 7.3 1.55 /34 CA/QC Samples Taken: Comments: Signature		10	35.2	1.05	-13				4
Sampling Information Date: 7 10 13 Time Sampled: 7.5 0 Field Personnel: R C Becken Measured Water Level (TOR ft.): 10,22 Sampling Method (Circle one): Stainless Steel Bailer Peristaltic Pump Sample Port (Pumping Wells Only) Teflon Bailer (Polyethylene Bailer) Other: Sample Temperature pH Specific Turbdifty Conductivity Conductivity (deg C) (S U.) (mS/cm) (NTU's) B-67 56.4 7.3 1.55 /34 CA/QC Samples Taken: Comments: Signature									
Sampling Information Date: 7 10 13 Time Sampled: 7.5 0 Field Personnel: R C Becken Measured Water Level (TOR ft.): 10,22 Sampling Method (Circle one): Stainless Steel Bailer Peristaltic Pump Sample Port (Pumping Wells Only) Teflon Bailer (Polyethylene Bailer) Other: Sample Temperature pH Specific Turbdifty Conductivity Conductivity (deg C) (S U.) (mS/cm) (NTU's) B-67 56.4 7.3 1.55 /34 CA/QC Samples Taken: Comments: Signature									
Date: 1/0/13 Time Sampled: 12.5	Comments: Amount pu	ırged						· · · · · · · · · · · · · · · · · · ·	
Measured Water Level (TOR ft.): 10.222 Sampling Method (Circle one): Stainless Steel Bailer Peristaltic Pump Sample Port (Pumping Wells Only) Teflon Bailer Peristaltic Pump Cother: Sample Temperature pH Specific Turbidity Conductivity Conductivity Conductivity Conductivity Comments (deg C) (S.U.) (mS/cm) (NTU's) B-67 56.4 7.3 1.55 /34 DA/OC Samples Taken: Comments: Signature	- ml i								
Sampling Method (Circle one): Stainless Steel Bailer Teffon Baller Peristaltic Pump Sample Port (Pumping Wells Only) Teffon Baller Peristaltic Pump Sample Port (Pumping Wells Only) Teffon Baller Conductivity I.D. (deg C) (S U.) (mS/cm) (NTU's) B-67 56.4 7.3 1.55 /34 QA/QC Samples Taken: Comments: Signature				Field Personne	<u> </u>	R C Becken			
Teflon Baller (Polyethylene Bailer Other: Sample Temperature pH Specific Turbidity LD. (deg C) (S U.) (mS/cm) (NTU's) 6-67 56-4 7.3 1.55 /34 QA/QC Samples Taken: Comments: Signature									
Sample Temperature pH Specific Turbidity I.D. (deg C) (S U.) (mS/cm) (NTU's) B-67 56.4 7.3 7.55 734 CA/QC Samples Taken: Comments: Signature	Sampling Method (Circle o	one):						e Port (Pumping Wells C	inly)
I.D. Conductivity Comments		T				lene Baller	Other:		
(deg C) (S U.) (mS/cm) (NTU's) 6-67 56.4 7.3 1.55 /34 QA/QC Samples Taken: Comments: Signature		e Temperature	pH		Turbidity				
QA/QC Samples Taken: Comments: Signature	I.D.						Comments	3	1
QA/QC Samples Taken: Comments: Signature	0.10	(deg C)				-			4
Comments: Signature	15 0	36.4	1.3	1.05	134				_
Comments: Signature	ļ							-	-
Comments: Signature							= :		_
Comments: Signature									<u></u>
Signature						·			
	Comments:								
Sampler (Print): Richard C. Becken Sampler (signature): C. D. Sampler (signature)				 .	Signature				
	Sampler (Print):	Richard C. Bec	ken	Sampler (signal	ture):\CL_0	JC 9	So. 162	Date 1	113

al y				MONITORING	M Enterprises WELL SAMPLII BP, Sanborn, N	NG FIELD FO	RM			- '/
Monitoring We	ell I.D.: P-7		Date: 7 11	13	Time Started:	0910	Field Pe	ersonnel:	RC Becken	The
Weather Cond	titions: 4	MU WOO	m-							
Comments:		L .								··· · · · · · · · · · · · · · · · · ·
			_	4	nitial Readin	gs				
Measured We	ll Bottom (TOR	- ft)			Riser Pipe Dia	meter (in)	2 in.			
Measured Wa	ter Level (TOR	- ft)			Conversion Fa	ctor (gal/linea	ıl ft)	1.25" = 0.08	2" = 0.17	3" = 0138
Calculated Wa	ater Column Hei	ght (ft)			(Circle One)			4" = 0.66	6" = 1.50	8" = 2.60
One Well Volu	ime (gals.)		· · · · · · · · · · · · · · · · · · ·		FiveWell Volur	nes (gals.)				
Notes:										
				V	Vell Conditio	กร				
Well Riser Typ	e (Circle one):		Stainle	ss Steel	Carbo	n Steel		PVC		
Casing Condit	ion:	ØK	Repair Require	sd:						
Cap Condition	:	OK)	Repair Require	d:						
Paint Condition	n:	OK	Repair Require	ed:	·					
Lock Condition	Υ	OK)	Repair Require	id:						
Inner Casing C	Condition:	OKO	Repair Require	d:						
Surface Seal (Condition:	ØK)	Repair Require	d:						
Other:				——···					·	
				Pu	ırge Informat	ion				
Purging Metho	d (Circle one):		Stainless	Steel Bailer	Peristal	tic Pump		Sample Port (Pu	Imping Wells	Only)
	 		Teflor	Bailer	Polyethyl	ene Bailer	Other:			
	Well Volume	Gallons Purged (gal)	Temperature (deg C)	Specific Conductivity (mS/cm)	Turbidity (NTU's)			Comments		
Comments:	Amount purge	đ		Sam	pling Inform	ation				
Date: 7/4	13	Time Sampled	0910	Field Personne	el:	R C Becken			···	
Measured Wat	er Level (TOR I	100								
	od (Circle one):	•		Steel Bailer	Peristal	tic Pump		Sample Port (Pu	mpina Wells (Only)
			Teflon	Bailer		ene Baller	Other:			
	Sample LD.	Temperature (deg C)	pH (S.U.)	Specific Conductivity (mS/cm)	Turbidity (NTU's)			Comments		
	P-2	59.1	7.05	1.14	2					
QA/QC Sample	s Taken:									.,
Comments:						···-				
			_	·	Signature					
						0,0	2 /			1.
Sampler (Print)	:	Richard C. Bed	ken	Sampler (signa	ture):	all	Deck		Date: 7/11	113

Sampler (Print):

				MONITORING	M Enterprises, Inc WELL SAMPLING F BP, Sanborn, NY			7
Monitoring W	∕ell I.D.: 🌱	3	Date: 7/8/4	3	Time Started: /24	25_F	ield Personnel:	RC Becken
Weather Con	iditions: 501	nny hot	bunil					
Comments:		1						
				<u></u>	nitial Readings			
	ell Bottom (TOR -				Riser Pipe Diamete	er (in) 🏻 🦹 🕭	in.	
	ater Level (TOR -				Conversion Factor	(gal/lineal ft)	1.25" = 0.08	2" = 0.17 3" = 0.38
	/ater Column Heig	ght (ft)			(Circle One)		4" = 0.66	6" = 1.50 8" = 2.60
One Well Vol	ume (gals.)				FiveWell Volumes	(gals.)		
Notes:					·			
	(0) ()				Vell Conditions			
	pe (Circle one):	T		ess Steel	Carbon St	eel	PVC	
Casing Condi		OK	Repair Require					
Cap Condition		OK OK	Repair Require					
Paint Condition Lock Condition		OK OK	Repair Require				<u> </u>	
Inner Casing		OK	Repair Require					
Surface Seal			Repair Require Repair Require			 		
Other:	COntra llori.	OK	Luchan vedane	<u>a:</u>				
00.0		·		Pu	rge Information			
Puraina Meth	od (Circle one):		Stainless	Steel Bailer	Peristaltic P		Sample Port (P	umping Wells Only)
w.g.i.g	20 (0.000 0.00)			n Bailer	Polyethylene		ther:	umping wells Only)
	Weil Volume	Gallons Purged (gal)	Temperature (deg C)	Specific Conductivity (mS/cm)	Turbidity (NTU's)		Comments	
Comments:	Amount numer							
COMMITTED INS.	Amount purged	1		Sam	pling Informatio			
Date: 7/8/	13	Time Sampled:	1725		 			
	ater Level (TOR ft			Field Personne	i: KG	Becken		
	thod (Circle one):		Stainless S	Staal Bailer	Parietellie D		Carrata Boot (D.	
agnibiling men	100 (GIIGE GIE).			Steel Baller Bailer	Peristaltic Pu			umping Wells Only)
	Sample	Temperature	pH	Specific	Turbidity	Baller	ther:	
	I.D	(deg C)	(S U.)	Conductivity (mS/cm)	(NTU's)		Comments	
	n			/ 1111				- II
	P-3	35.1	7147	1.44	66			
	P-3	<i>55.</i> 1	747	7.44	66			
	P-3	35.1	747	2.44	. 60			

Signature ure): Richa

Comments:

Sampler (Print):

Richard C. Becken

Sampling Information Date: 7 9 Time Sampled: 300 Field Personnel: R C Becken Measured Water Level (TOR ft.): 28 V Stainless Steel Bailer Peristaltie-Pump Sample Port (Pumping Wells Only) Teflon Bailer Polyethylene Bailer Other: Sample Temperature pH Specific Turbidity Conductivity Conductivity Connments (deg C) (S.U.) (mS/cm) (NTU's) P-V 55.2 7.09 0.38 5					MONITORING	M Enterprises WELL SAMPLII	NG FIELD FO	RM			
Weather Conditions Comments: Initial Readings						BP, Sanborn, N	ır				
Measured Well Bottom (TOR - ft) Measured Well Bottom (TOR - ft) Measured Well Bottom (TOR - ft) Measured Well Bottom (TOR - ft) Measured Well Bottom (TOR - ft) Measured Well Bottom (TOR - ft) Measured Well Bottom (TOR - ft) Measured Well Bottom (TOR - ft) Measured Well Bottom (TOR - ft) Measured Well Bottom (TOR - ft) Measured Well Bottom (TOR - ft) Measured Well Bottom (TOR - ft) Measured Well Bottom (TOR - ft) Measured Well Conditions Well Canditions Well Conditions Well Repair Required: Differ Required: Well Condition (K) Repair Required: Well Conditions Well Conditions Well Repair Required: Well Conditions Well Condi	Monitoring Well	I I.D.: 🔻 🗸 🗀	9	Date: 7 9	113	Time Started:	1300	Field P	ersonnel:	RC Becken	
Initial Readings	Weather Condit	tions: 🔊	execut								
Measured Walls Exton (TOR - ft) Riser Pipe Diameter (in) 2 in. Conversion Pactor (galificeal ft) 1.25" = 0.08 2" = 0.17 3" = 0.38 Calculation Water Level (TOR - ft) Conversion Pactor (galificeal ft) 1.25" = 0.08 2" = 0.17 3" = 0.38 Calculation Water Column Height (ft) Calculation Water Column Height (ft) Conversion Pactor (galificeal ft) 1.25" = 0.08 2" = 0.17 3" = 0.38 One West Volumes (galis) Notes: Well Conditions Well Conditions Well Conditions Well Conditions Well Conditions Well Conditions Well Condition Ok Repair Required: Lock Condition: OK Repair Required: Lock Condition: OK Repair Required: Lock Condition: OK Repair Required: Lock Condition: OK) Repair Required: Lock Condition: OK Repair Required: Lock Condition: OK Repair Required: Lock Condition: OK Repair Required: Lock Condition: OK Repair Required: Lock Condition: OK Repair Required: Lock Condition: OK Repair Required: Lock Condition: OK Rep	Comments:										
Measured Walls Exton (TOR - ft) Riser Pipe Diameter (in) 2 in. Conversion Pactor (galificeal ft) 1.25" = 0.08 2" = 0.17 3" = 0.38 Calculation Water Level (TOR - ft) Conversion Pactor (galificeal ft) 1.25" = 0.08 2" = 0.17 3" = 0.38 Calculation Water Column Height (ft) Calculation Water Column Height (ft) Conversion Pactor (galificeal ft) 1.25" = 0.08 2" = 0.17 3" = 0.38 One West Volumes (galis) Notes: Well Conditions Well Conditions Well Conditions Well Conditions Well Conditions Well Conditions Well Condition Ok Repair Required: Lock Condition: OK Repair Required: Lock Condition: OK Repair Required: Lock Condition: OK Repair Required: Lock Condition: OK) Repair Required: Lock Condition: OK Repair Required: Lock Condition: OK Repair Required: Lock Condition: OK Repair Required: Lock Condition: OK Repair Required: Lock Condition: OK Repair Required: Lock Condition: OK Repair Required: Lock Condition: OK Rep											
Measured Water Level (TOR-1) Conversion Factor (gat/fineal ft) (Circle One) Well Volume (gats.) Well Conditions OK Repair Required: Dock Condition: OK Repair Required: Well Repair Required: Durpling Method (Circle one): Stainless Steel Balter Portsettic Pump Sample Port (Pumping Wells Only) Tethon Balter Powerly Pine Balter Pine Balter Powerly Pine Balter Powerly Pine Balter Powerly P					<u>_</u>		 :				
Carculated Weler Column Height (ff) Circle One) A*= 0.08											
Notes Note						Conversion Fa	ctor (gal/linea	il fit)	1.25" = 0.08	2" = 0.17	3" = 0.38
Well Conditions Well Conditions Well Conditions Well Condition: OK Repair Required: Part Condition: OK Repair Required: Part Condition: OK Repair Required: Part Condition: OK Repair Required: Part Condition: OK Repair Required: Purgle Information Purgling Method (Circle one): Stainless Steel Baller Polyethylene Baller Octionation: OK Repair Required: Purgling Method (Circle one): Stainless Steel Baller Polyethylene Baller Octionation: OK Repair Required: Temperature (gel) (deg C) (mS/cm) (NTU's) Sampling Information Stainless Steel Baller Polyethylene Baller Conductivity Comments Time Sampled: Stainless Steel Baller Polyethylene Baller Conductivity Comments Time Sampled: Stainless Steel Baller Polyethylene Baller Other: Conductivity Comments Sampling Information Sample Doller: Stainless Steel Baller Polyethylene Baller Other: Conductivity Comments Sample Temperature Polyethylene Baller Other: Conductivity Comments Stainless Steel Baller Polyethylene Baller Other: Amount purged Sample Temperature Polyethylene Baller Other: Amount purged Sample Temperature Polyethylene Baller Other: Amount purged Sample Temperature Polyethylene Baller Other: Amount purged Sample Temperature Polyethylene Baller Other: Amount purged Sample Temperature Polyethylene Baller Other: Amount purged Sample Temperature Polyethylene Baller Other: Amount purged Sample Temperature Polyethylene Baller Other: Amount purged Sample Temperature Polyethylene Baller Other: Amount purged Sample Temperature Polyethylene Baller Other: Amount purged Sample Temperature Polyethylene Baller Other: Amount purged Sample Temperature Polyethylene Polyethy			ght (ft)	·			 -		4" = 0.66	6" = 1.50	8" = 2.60
Well Conditions Stainless Steel Carbon Sièvel PVC Casing Condition: OK Repair Required: Cap Condition: OK Repair Required: Cap Condition: OK Repair Required: Cap Condition: OK Repair Required: Cap Condition: OK Repair Required: Cap Candition: OK Repair Required: Cap Candition: OK Repair Required: Cap Cap Repair Required: Cap Cap Repair Required: Cap Cap Repair Required: Cap Cap Repair Required: Cap Cap Repair Required: Cap Cap Required: Cap Cap Repair Required: Cap Cap Repair Required: Cap Cap Cap Cap Cap Cap Cap Cap Cap Cap		ne (gals.)			·	FiveWell Volun	nes (gals.)			-	
Stainless Steel Carton Bibel PVC	Notes:										
Casing Condition: Cap Condition: OK Repair Required: OK Repair Required: Dok Condition: OK Repair Required: Lock Condition: OK Repair Required: Lock Condition: OK Repair Required: Surface Seal Condition: OK Repair Required: Dither: Purgle Information Stample Port (Pumping Wells Only) Teffon Bailer Polyethylene Bailer Other: Volume Purged Volume Purged (deg C) (mS/cm) (NTU's) Stampling Information Sampling Information Information Sampling Information Information Sampling Information Information Sampling Information Information Information Information Information Information Information Information Information Information Information Infor	Wall Diagram	(Oinele)									
Cap Condition: OK Repair Required: Call Condition: OK Repair Required: Call Repair Repair Required: Call Repair Required: Call Repair Repair Required: Call Repair Repair Required: Call Repair Repair Repair Required: Call Repair			(24)	1		Carbo	n Steel		PVC		
Paint Condition: OK Repair Required: Lock Condition: OK Repair Required: Repair Required: Surface Seal Condition: OK Repair Required: Surface Seal Condition: OK Repair Required: Surface Seal Condition: OK Repair Required: Stainless Steel Bailer Pointstallic Pump Sample Port (Pumping Wells Only) Tefon Bailer Polyethylene Bailer Other: Well Gallons Temperature Conductivity (gal) (deg C) (mS/cm) (NTUs) Comments: Amount purged Sampling Information Sampling Information R C Becken Repair Required: Amount purged Sampling Information R C Becken Sample Port (Pumping Wells Only) Time Sampled: S&O Field Personnel: R C Becken Sample Port (Pumping Wells Only) Tefon Bailer Polyethylene Bailer Other: Sample Port (Pumping Wells Only) Tefon Bailer Polyethylene Bailer Other: Sample Port (Pumping Wells Only) Tefon Bailer Polyethylene Bailer Other: Sample Port (Pumping Wells Only) Tefon Bailer Polyethylene Bailer Other: Sample Port (Pumping Wells Only) Tefon Bailer Polyethylene Bailer Other: Sample Port (Pumping Wells Only) Tefon Bailer Polyethylene Bailer Other: Sample Port (Pumping Wells Only) Tefon Bailer Polyethylene Bailer Other: Sample Port (Pumping Wells Only) Tefon Bailer Polyethylene Bailer Other: Sample Port (Pumping Wells Only) Tefon Bailer Polyethylene Bailer Other: Sample Port (Pumping Wells Only) Tefon Bailer Polyethylene Bailer Other: Sample Port (Pumping Wells Only) Tefon Bailer Polyethylene Bailer Other: Sample Port (Pumping Wells Only) Tefon Bailer Polyethylene Bailer Other: Sample Port (Pumping Wells Only)		<u> </u>					-				
Comments Comments							 .				
Repair Required: Surface Seel Condition: Differ: Purge Information Purging Method (Circle one): Stainless Steel Baller Teffon Baller Potyethylene Baller Conductivity (gel) (deg C) (mS/cm) (NTUs) Sample Port (Pumping Wells Only) Comments: Amount purged Sampling Information Sample Port (Pumping Wells Only) Time Sampled 360 Field Personnet: Repair Required: Purge Information Potyethylene Baller Potyethylene Baller Potyethylene Baller Conductivity Conductivity Comments: Repair Required: Other. Comments Comments: Comments: Repair Required: Other. Comments Comments Comments Sampling Information Field Personnet: R C Becken Repair Required: Sample Port (Pumping Wells Only) Time Sample Temperature ph Specific Conductivity Conductivity LD. (deg C) (S.U.) (mS/cm) (NTUs) Purge Information Comments Sample Port (Pumping Wells Only) Conductivity Conductivity Conductivity Conductivity Repair Required: Name Information Sample Port (Pumping Wells Only) Conductivity Conducti						·		<u></u>	· · · · · · · · · · · · · · · · · · ·		
Surface Seal Condition: OK Repair Required: Purge Information										· · · · · · · · · · · · · · · · · · ·	~
Purging Method (Circle one): Stainless Steel Baller Peristalfic Pump Sample Port (Pumping Weils Only) Teffon Baller Polyethylene Baller Other: Well Gallons Temperature Specific Turbidity Conductivity (NTU's) Comments Amount purged Sampling Information Sampling Information Time Sampled: \$\frac{1}{2} \text{ Time Sampled: }\frac{1}{2} \text{ Time Sample Port (Pumping Wells Only)} \text{ Tenon Baller Polyethylene Baller Polyethylene Baller Other: }\frac{1}{2} \text{ Time Sample Port (Pumping Wells Only)} \text{ Connments: }\frac{1}{2} \text{ Time Sample Temperature }\text{ PH Specific Conductivity (NTU's) Conductivity Conductivity (NTU's) Comments: }\frac{1}{2} \text{ Time Sample Temperature } PH Specific Conductivity (NTU's) Conductivity Conducti											
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Purging Method (Circle one): Stainless Steel Balier Teflon Balier Polyethylene Balier Volume Purged Volume Purged (Gegl) (Geg C) (mS/cm) (NTU's) Comments Amount purged Sampling Information Part (Pumping Wells Only) Comments: Amount purged Sampling Information Part (PCR n.): Sample Temperature Polyethylene Balier Polyethylene Balier Polyethylene Balier Polyethylene Balier R C Becken Measured Water Level (TOR n.): Time Sampled: 300 Field Personnel: R C Becken Measured Water Level (TOR n.): Teflon Balier Polyethylene Balier Polyethylene Balier Polyethylene Balier Polyethylene Balier Other: Comments AVGC Samples Taken: Omments: Signature Signature	Olifor.				Du	rao Informat	an .				
Teflon Bailer Polyethylene Bailer Other: Well Gallons Temperature Specific Turbidity Conductivity (INTU's) Comments (gal) (deg C) (mS/cm) (NTU's) Comments: Amount purged Sampling Information Date: 1973 Time Sampled: 300 Field Personnel: R C Becken Heasured Water Level (TOR ft.): 28.44 Hampling Method (Circle one): Stainless Steel Bailer Polyethylene Bailer Other: Sample Temperature pH Specific Turbidity Conductivity (mS/cm) (NTU's) AVQC Samples Taken: Other: Signature Signature	Purging Method	(Circle one):	·	Stainlann							
Well Gallons Purged (gal) (deg C) (mS/cm) (NTU's) Comments Comments: Amount purged Sampling Information Date: 1923 Time Sampled: 350 Field Personnel: R C Becken Reasured Water Level (TOR ft.): 28.4 Stainless Steel Bailer Perstatilic-Pump. Sample Port (Pumping Wells Only) Teffon Bailer Polyethylene Bajlar Other: Sample Temperature pH Specific Turbidity Connents (deg C) (S.U.) (mS/cm) (NTU's) AVQC Samples Taken: OTHER TAKEN: OTHER TAKEN: Signature Signature	t anguing microtoc	(orde one).	·					Other	Sample Port (Pu	imping Wells C	Only)
Volume Purged (deg C) (mS/cm) (NTU's) Comments: Amount purged Sampling Information Date: 7 (A/B) Time Sampled: Sto Fleid Personnel: R C Becken Measured Water Level (TOR ft.): Stainless Steel Bailer Perstatile Pump. Sample Port (Pumping Wells Only) Teffon Bailer Polyaghylene Bailer Other: Sample Temperature pH Specific Turbidity Conductivity (deg C) (S.U.) (mS/cm) (NTU's) AP-4 55.2 7.09 0.98 5	. [Weli	Gallons				erie Danei	Ouler.			1
Comments: Amount purged Sampling Information Pate: 7 (1) Time Sampled: 360 Field Personnel: R C Becken Measured Water Level (TOR ft.): 28 4 Sampling Method (Circle one): Stainless Steel Baller Peristatile-Pump. Sample Port (Pumping Wells Only) Teffon Baller Polyathylene Baltsr Other: Sample Temperature pH Specific Turbidity Conductivity I.D. (deg C) (S.U.) (mS/cm) (NTU's) P-4 55.2 7.09 0.98 5				romperature	10000	Turbidity			Commonts		
Sampling Information Pate: 7 9/13 Time Sampled: 360 Field Personnel: R C Becken Measured Water Level (TOR ft.): 28, 4 Sampling Method (Circle one): Stainless Steel Bailer Peristaltie-Pump Sample Port (Pumping Wells Only) Teffon Bailer Polysthylene Bailer Other: Sample Temperature pH Specific Turbidity Conductivity Conduct	1			(dea C)	13	(NTII'e)			Comments		
Sampling Information Date: 7 9 13 Time Sampled: 3 00 Field Personnel: R C Becken Measured Water Level (TOR ft.): 28 14 Mampling Method (Circle one): Stainless Steel Bailer Peristaltic Pump Sample Port (Pumping Wells Only) Teffon Bailer Polyethylene Bailar Other: Sample Temperature pH Specific Turbidity Conductivity Connents (deg C) (S.U.) (mS/cm) (NTU's) A/QC Samples Taken: omments: Signature				(30)	(11,5,5,11)	(14103)			· · · · · · · · · · · · · · · · · · ·		-
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Time Sampled: 300 Field Personnel: R C Becken Measured Water Level (TOR ft.): Sampling Method (Circle one): Stainless Steel Bailer Peristaltie-Pump. Sample Port (Pumping Wells Only) Teflon Bailer Polyathylene Bailer Other: Sample Temperature pH Specific Turbidity I.D. (deg C) (S.U.) (mS/cm) (NTU's) R-4 55.2 7.09 0.98 5 A/QC Samples Taken: Omments: Signature	Comments: A	Amount purged	1			•					
Time Sampled: 300 Field Personnel: R C Becken Measured Water Level (TOR ft.): Sampling Method (Circle one): Stainless Steel Bailer Peristaltie-Pump. Sample Port (Pumping Wells Only) Teflon Bailer Polyathylene Bailer Other: Sample Temperature pH Specific Turbidity I.D. (deg C) (S.U.) (mS/cm) (NTU's) R-4 55.2 7.09 0.98 5 A/QC Samples Taken: Omments: Signature					Sam	pling Informa	tion				-
Stainless Steel Bailer Peristaltie-Pump Sample Port (Pumping Wells Only) Teffon Bailer Polyathylene Bailer Other: Sample Temperature pH Specific Turbidity (deg C) (S.U.) (mS/cm) (NTU's) P-V 55.12 7.09 0.98 5 A/QC Samples Taken: omments: Signature	Date: 7 9/13		Time Sampled:	1380							
Teflon Bailer Polyathylene Bailer Other: Sample Temperature pH Specific Turbidity L.D. (deg C) (S.U.) (mS/cm) (NTU's) P-Y 55.2 7.09 0.98 5 A/QC Samples Taken: omments: Signature	Measured Water	Level (TOR ft	28.4								
Teffon Bailer Polyethylene Bailer Other: Sample Temperature pH Specific Turbidity Conductivity Conductivity P-Y 55.2 7.09 0.98 5 A/QC Samples Taken: Office Temperature pH Specific Turbidity Comments	Sampling Method	d (Circle one):		Stainless	Steel Bailer	Peristalti	e Pump	-	Sample Port (Pu	mpina Welis O	nív)
I.D. (deg C) (S.U.) (mS/cm) (NTU's)				Teflor	Bailer			Other:			
I.D. (deg C) (S.U.) (mS/cm) (NTU's)		Sample	Temperature	pН	Specific						
P-4 55.2 7.09 0.98 5 W/QC Samples Taken: omments: Signature		I.D.							Conments		
A/QC Samples Taken: Omments: Signature			(deg C)	(S.U.)		(NTU's)					
A/QC Samples Taken: omments: Signature		-9-4	55,2	7.09	0.98	5					1
omments: Signature	<u> </u>										1
omments: Signature											1
omments: Signature											
Signature (12 - O/ // //	QA/QC Samples	Taken:									
Ω_{\bullet} Ω_{\bullet} Ω_{\bullet}	Comments:				<u>. </u>						
ampler (Print); Richard C. Becken Sampler (signature); K.D. O(Reck.				· · · · · · · · · · · · · · · · · · ·							
	ampler (Print):		Richard C. Reel	en	Sampler (class)	hura):	0.00	Rock.		المار والمار	>

				MONITORING	WELL SAMPLI BP, Sanborn, N		ORM .			
Monitoring Well I.I	o 760	-1	Date: 78	1.3	Time Started:	1015	Field Pe	rsonnel:	RC Becken	
Weather Condition	ns: M	4 humers	-							
Comments:										
						<u> </u>				
				<u>_</u>	nitial Readin	gs				
Measured Well Bo					Riser Pipe Dia	meter (in)	2 in.			
Measured Water L				<u> </u>	Conversion Fa	ctor (gal/lines	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 Volume	(gals.)				FiveWell Volun	nes (gals.)			·	
Notes:							<u> </u>			
Marell Diego Trees (C	Single and				Vell Conditio			· · · · · · · · · · · · · · · · · · ·		
Well Riser Type (C	sircie one):	ОК		ess Steel	Carbo	n Steel	- · 	PVC		
Casing Condition:			Repair Requir							
Cap Condition:		OK	Repair Requir							
Paint Condition: Lock Condition:		OK OK)	Repair Requir						·	
Inner Casing Cond	lition:	(ØK)	Repair Requir		-					
Surface Seal Cond			Repair Requir							·
Other:	Jidori.	L OK	Repair Requir	ea:			 -			
Outer.				Pi	rge Informat	ion				
Purging Method (C	ircle one):	··· ,	Stainless	Steel Bailer		tic Pump		Daniel Bed (B.		
(n Bailer		ene Bailer	Other:	Sample Port (Pu	mping wells C	nly)
	Well	Gallons	Temperature		Turbidity	one baller	Outer.			
0	Volume	Purged	, , , , , , , , , , , , , , , , , , , ,	Conductivity	1 di Didity			Comments		
		(gal)	(deg C)	(mS/cm)	(NTU's)			Comments		
.										1
										-
										1
								 -		-
										1
							·			
Comments: Am	ount purge	1								
- 1				Sam	pling Informa	ation	-	·		
Date: 78 13		Time Sampled:	1015	Field Personne	sl:	R C Becken			•	
Measured Water Le	evel (TOR f	1): 17.b								
Sampling Method (Circle one):		Stainless	Steel Bailer	Peristalt	ic Pump		Sample Port (Pu	mping Wells O	niv)
			Teflor	n Bailer		ene Bailer	Other:			
	Sample	Temperature	pН	Specific	Turbidity					7
	ID.			Conductivity				Comments		
L		(deg C)	(S.U.)	(mS/cm)	(NTU's)					
<u> </u>	W-I	58.7	7,71	0.78	- 1					1
<u> </u>							_			1
										1
				<u> </u>						
A/QC Samples Ta	ken:									
Comments:										
					Signature					
Sampler (Print):		Richard C. Beck	cen	Sampler (signal	tura):	chall	R. B		Date:) 8	2
		4. 2000		Tarinhioi (Signal	wiej.	~~ <u>~~(, ~~</u>	- 30		nate: 1 2	13

O&M Enterprises, Inc.

			MONITORING	M Enterprises WELL SAMPLIF BP, Sanborn, N	NG FIELD FO	DRM			
Monitoring Well I.D.: ? 6	-3	Date: 7/2	13	Time Started:	8920	Field Pe	ersonnel:	RC Becken	
	overcust							TTO DOCUMENT	
Comments:				•					
				nitial Reading	gs				
Measured Well Bottom (TOR	t - ft)			Riser Pipe Diar	meter (in)	2 in.			
Measured Water Level (TOR	t - ft)			Conversion Fa	ctor (gal/linea	al ft)	1.25" = 0.08	2" = 0.17	3" = 0.38
Calculated Water Column He	eight (ft)		·	(Circle One)			4" = 0.66	6" = 1.50	8" = 2.60
One Well Volume (gals.)				FiveWell Volun	nes (gals.)				
Notes:				<u> </u>	<u></u>				
				Vell Condition	ns				
Well Riser Type (Circle one):			ss Steel	Carbo	n Steel		PVC		
Casing Condition:	OK OK	Repair Require	d:						
Cap Condition:	OK	Repair Require	:d:						
Paint Condition:	OK	Repair Require	:d:						
Lock Condition;	(OK)	Repair Require	:d:						
Inner Casing Condition:	ÓK	Repair Require	d:						
Surface Seal Condition:	OK OK	Repair Require	d:						
Other:									
			Pu	ırge Informat	ion				
Purging Method (Circle one):		Stainless 5	Steel Bailer	Peristalt	tic Pump		Sample Port (Pu	umping Wells On	ılv)
		Teflon	Bailer		ene Bailer	Other:			77.
Weil Volume	Gallons Purged (gal)	Temperature (deg C)	Specific Conductivity (mS/cm)	Turbidity (NTU's)			Comments		
Comments: Amount purge	ed							 .	
			Sam	pling Informa	ation				
Date: 7/2/13	Time Sampled:	0920	Field Personne		R C Becken				
Measured Water Level (TOR			I lold Orosinio	4.	K O Deonoi:		·	· · · · · ·	
Sampling Method (Circle one		Stainless S	teel Bailer	Peristalti	ic Pumn		Sample Port (D)	ımping Wells Onl	
		Teflon		Polyethyle		Other:	oample For tru	imping vvens On	<u>y)</u>
Sample	Temperature	рН	Specific	Turbidity	SIIC LOUIS	Outor.			
I.D			Conductivity	Turbucy			Comments		i
	(deg C)	(S.U.)	(mS/cm)	(NTU's)			Comments		
PW-3	38.9	6.88	0.89	33					i
	1	0.00	0 10 7	1.5			-		Í
									į
	1								
QA/QC Samples Taken:									L
Comments:									
3011				Signature				 	
		Т				<u>α</u> Λ		T- / /	
Sampler (Print):	Richard C. Beck	ken	Sampler (signal	ture):	سار	Decke	τ	Date: 7/2/1	≥

				MONITORING	M Enterprises WELL SAMPLI BP, Sanborn, N	NG FIELD FO	ORM			
Monitoring Well I.I	D: Phi-	-4	Date: 7 (1	112	Time Started:	MES	le:		· · · · · · · · · · · · · · · · · · ·	
Weather Condition				113	Time Started:	<u> </u>	Field Pe	ersonnel:	RC Becken	
Comments:	iis. JUK	hy warn							···-	
Comments.		_ · · ·				 ,				
					nitial Readin	ne .				
Measured Well Bo	ottom (TOR -	ft)	·		Riser Pipe Dia		2 in.			
Measured Water I				*	Conversion Fa			1 2511 - 0 00		61 0.00
Calculated Water					(Circle One)	icioi (gairiillea	an 11.)	1.25" = 0.08	2" = 0.17 6" = 1.50	3" = 0.38
One Well Volume		2.15 (1.9			FiveWell Volum	mee (dale)		4" = 0.66	(6" = 1.50	8" = 2.60
Notes:	10		· · · · · · · · · · · · · · · · · · ·	 -	TI IVE VEII VOIGI	nes (gais.)				
	-			V	Vell Conditio	ns		<u> </u>		
Well Riser Type (0	Circle one):		Stainle	ess Steel		on Steel		PVC		
Casing Condition:		OK)	Repair Require		Calu	JII Steel		PVC		
Cap Condition:		ОК	Repair Require			·				
Paint Condition:		OK	Repair Require	· · · · · · · · · · · · · · · · · · ·				<u> </u>	· _	
Lock Condition:		ØK)	Repair Require					<u></u> -		
Inner Casing Cond	dition:	ØK)	Repair Require							
Surface Seal Cond		6K)	Repair Require							
Other:	antori.	I OK	Iveban Kedalii	zu.				 .		
Onlor.	·· ·· · · · · · · · · · · · · · · · ·			Pu	rge Informat	ion				
Purging Method (C	Circle one):		Stainless	Steel Bailer				0 1 0 1 0		
r diging inetitod (C	Jil Gie One).			n Bailer		tic Pump ene Bailer	Othor	Sample Port (P	umping Wells Or	ıiy)
	Well	Gallons	Temperature	Specific		erie daller	Other:			
	Volume	Purged	remperature	Conductivity	Turbidity					
	Volume	(gal)	(deg C)	(mS/cm)	(AITHUS)			Comments		
		(851)	(ueg c)	(ma/Grr)	(NTU's)					4
<u> </u>							.			4
						-				4
					 					
							· · ·	·		4
-	• • • • • • • • • • • • • • • • • • • •		l			<u> </u>				<u> </u>
Comments: Am	nount purged		····	·-						
Commens. An	lount purgeo			Sam	pling Inform	ation				
Date: 7/11/13		Time Sampled:	945		 					
Measured Water L			0 90	Field Personne	H;	R C Becken			······	
Sampling Method () OILT	Chairless	Charl Ballar	D	v - D				
Camping Metro	Chae one).			Steel Bailer n Bailer	Rolyethyl	tic Pump	Other	Sample Port (Pu	mping Wells On	ly)
	Sample	Temperature				ene baller	Other:			1
	I.D.	remperature	pН	Specific	Turbidity				2.7	Į.
	J.D.,	(dom C)	(0.11)	Conductivity	(A)THE			Comments		1
D	W-4	(deg C)	7.82	(mS/cm)	(NTU's)					1
1	W-1	West.	1,0-	0.02				· · · · · · · · · · · · · · · · · · ·	-	ļ
								······································		ļ
			-							1
DA/OC Pometer =	-1					П —			 	<u> </u>
QA/QC Samples Ta	aken:									
Comments:		······································			Clan-4	·				
-					Signature				1	
Sampler (Print):		Richard C. Becl	ken	Sampler (signal	ture):	Ralc	V5,16	·-	Date: 7/11/	13

			MONITORING	M Enterprises WELL SAMPLII BP, Sanborn, N	NG FIELD FO	RM			
Monitoring Well I.D.: 1	102	Date: 7//1/	13	Time Started:	1126	Field P	ersonnel:	RC Becken	
Weather Conditions:		-							
Comments:									
				nitial Readin	gs				
Measured Well Bottom (TO				Riser Pipe Dia	meter (in)	2 in,	·		
Measured Water Level (To				Conversion Fa	ctor (gai/lineal	l ft)	1.25" = 0.08	2" = 0.17	3" = 0.38
Calculated Water Column	Height (ft)		<u> </u>	(Circle One)			4" = 0.66	6" = 1.50	8" = 2,60
One Well Volume (gals.)		·		FiveWell Volun	nes (gals.)		·		
Notes:				V-II O					
Mall Dises Tree (Oissle se				Vell Conditio			<u> </u>		·
Well Riser Type (Circle on			ss Steel	Carbo	n Steel		PVC		
Casing Condition: Cap Condition:	OK OK	Repair Require							
Paint Condition:	ОК	Repair Require Repair Require			•			· · · · · · · · · · · · · · · · · · ·	
Lock Condition:	ОК	Repair Require							
Inner Casing Condition:	ОК	Repair Require					·		
Surface Seal Condition:	ОК	Repair Require							
Other:		J. Johann T. Codenie		-			· · · · · · · · · · · · · · · · · · ·	· · · · · · · · · · · · · · · · · · ·	
			Pu	rge Informat	tion		<u> </u>	· · · · · · · · · · · · · · · · · · ·	
Purging Method (Circle on	e):	Stainless S	Steel Bailer	Peristal	tic Pump		Sample Port (Pu	ımpina Wells (Only)
		Teflon	Bailer		ene Bailer	Other:			
Well Volume	Gallons Purged (gal)	Temperature (deg C)	Specific Conductivity (mS/cm)	Turbidity (NTU's)			Comments		
Comments: Amount pu	road								
Comments. Amount pu	igeo		Sam	pling Inform	ation	·			
Date: 7(11(13	Time Sampled	1:50	Field Personne		R C Becken				
Measured Water Level (TC			T TOTAL TOTAL OF THE		IN O DECKELL				
Sampling Method (Circle or		Stainless S	Steel Bailer	Peristal	tic Pump		Sample Port (Pu	mping Wells C	Inly)
		Teflon			ene Bailer	Other:		p.i.g 110ii0 C	11.37
Sample I.D.	(deg C)	pH (S.U.) 7, 56	Specific Conductivity (mS/cm)	Turbidity (NTU's)			Comments		
				<u>.</u>					
QA/QC Samples Taken:			 						
Comments:									
				Signature					

Sampler (Print):

Richard C. Becken

APPENDIX B

LABORATORY DATA REPORTS

Analysis Report

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

July 05, 2013

Project: BP Sanborn

Submittal Date: 07/03/2013 Group Number: 1401712 PO Number: D00B4-0004 Release Number: BARBER State of Sample Origin: NY

Client Sample Description	<u>Lancaster Labs (LL) #</u>
B-8 Water	7117030
PW-3 Water	7117031
B-18 Water	7117032
Field Dup #1 Water	7117033
B-9 Water	7117034
B-10 Water	7117035
B-11 Water	7117036
B-41 Water	7117037
B-41 Matrix Spike Water	7117038
B-41 Matrix Spike Dup Water	7117039
B-40 Water	7117040
B-39 Water	7117041

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		
ELECTRONIC	Parsons	Attn: Eric Felter
COPY TO		

Analysis Report

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Respectfully Submitted,

Kaitlin N. Plasterer Specialist

Maither M. Pasterer

(717) 556-7323

Case Narrative

Project Name: BP Sanborn LLI Group #: 1401712

General Comments:

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

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

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

Project specific QC samples are included in this data set

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

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

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

Analysis Specific Comments:

No additional comments are necessary.



Analysis Report

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

Sample Description: B-8 Water

BP Sanborn COC: 192462

2040 Cory Drive - Sanborn, NY

LL Group # 1401712 Account # 12495

LL Sample # WW 7117030

Project Name: BP Sanborn

Submitted: 07/03/2013 09:25

Reported: 07/05/2013 21:21

Collected: 07/02/2013 08:50 by RCB Atlantic Richfield(Parsons-NY)

BP Corporation

501 WestLake Park Blvd

Houston TX 77079

B8---

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 S	SW-846 8	260B	ug/l		ug/l	ug/l	
10335	Benzyl Chloride		100-44-7	N.D.		10	50	10
10335	Bromobenzene		108-86-1	N.D.		10	50	10
10335	Bromodichloromethane		75-27-4	N.D.		10	50	10
10335	Bromoform		75-25-2	N.D.		10	50	10
10335	Bromomethane		74-83-9	N.D.		10	50	10
10335	Carbon Tetrachloride		56-23-5	N.D.		10	50	10
10335	Chlorobenzene		108-90-7	N.D.		8.0	50	10
10335	Chloroethane		75-00-3	N.D.		10	50	10
10335	2-Chloroethyl Vinyl H	Ether	110-75-8	N.D.		20	100	10
	2-Chloroethyl vinyl e preserve this sample.		not be recovered	if acid	was used	to		
10335	Chloroform		67-66-3	N.D.		8.0	50	10
10335	Chloromethane		74-87-3	N.D.		10	50	10
10335	Dibromochloromethane		124-48-1	N.D.		10	50	10
10335	Dibromomethane		74-95-3	N.D.		10	50	10
10335	1,2-Dichlorobenzene		95-50-1	N.D.		10	50	10
10335	1,3-Dichlorobenzene		541-73-1	N.D.		10	50	10
10335	1,4-Dichlorobenzene		106-46-7	N.D.		10	50	10
10335	Dichlorodifluorometha	ane	75-71-8	N.D.		20	50	10
10335	1,1-Dichloroethane		75-34-3	N.D.		10	50	10
10335	1,2-Dichloroethane		107-06-2	N.D.		10	50	10
10335	1,1-Dichloroethene		75-35-4	N.D.		8.0	50	10
10335	cis-1,2-Dichloroether		156-59-2	770		8.0	50	10
10335	trans-1,2-Dichloroeth	nene	156-60-5	N.D.		8.0	50	10
10335	1,2-Dichloropropane		78-87-5	N.D.		10	50	10
10335	cis-1,3-Dichloroprope		10061-01-5	N.D.		10	50	10
10335	trans-1,3-Dichloropro	pene	10061-02-6	N.D.		10	50	10
10335	Methylene Chloride		75-09-2	N.D.		20	50	10
10335	1,1,1,2-Tetrachloroet		630-20-6	N.D.		10	50	10
10335	1,1,2,2-Tetrachloroet	hane	79-34-5	N.D.		10	50	10
10335	Tetrachloroethene		127-18-4	N.D.		8.0	50	10
10335	1,1,1-Trichloroethane		71-55-6	N.D.		8.0	50	10
10335	1,1,2-Trichloroethane	9	79-00-5	N.D.		8.0	50	10
10335	Trichloroethene		79-01-6	21,000		100	500	100
10335	Trichlorofluoromethan		75-69-4	N.D.		20	50	10
10335	1,2,3-Trichloropropar	ne	96-18-4	N.D.		10	50	10
10335	Vinyl Chloride		75-01-4	18	J	10	50	10

General Sample Comments

State of New York Certification No. 10670



Analysis Report

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

Sample Description: B-8 Water

BP Sanborn COC: 192462

2040 Cory Drive - Sanborn, NY

LL Group # 1401712 Account # 12495

LL Sample # WW 7117030

Project Name: BP Sanborn

Submitted: 07/03/2013 09:25

Reported: 07/05/2013 21:21

Collected: 07/02/2013 08:50 by RCB Atlantic Richfield(Parsons-NY)

BP Corporation

501 WestLake Park Blvd

Houston TX 77079

B8---

	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	E131851AA	07/04/2013 16:55	Jason M Long	10		
10335	VOCs 8260 Parsons Specs List	SW-846 8260B	1	E131851AA	07/04/2013 17:15	Jason M Long	100		
01163 01163	GC/MS VOA Water Prep GC/MS VOA Water Prep	SW-846 5030B SW-846 5030B	1 2	E131851AA E131851AA	07/04/2013 16:55 07/04/2013 17:15	Jason M Long Jason M Long	10 100		



Analysis Report

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

Sample Description: PW-3 Water

BP Sanborn COC: 192462

2040 Cory Drive - Sanborn, NY

LL Group # 1401712 Account # 12495

LL Sample # WW 7117031

Project Name: BP Sanborn

Submitted: 07/03/2013 09:25

Reported: 07/05/2013 21:21

Collected: 07/02/2013 09:20 by RCB Atlantic Richfield(Parsons-NY)

BP Corporation

501 WestLake Park Blvd

Houston TX 77079

PW3--

CAT No.	Analysis Name		CAS Number	As Received Result	As Received Method Detection Limit*	As Received Limit of Quantitation	Dilution Factor
GC/MS	Volatiles SW	1-846 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 Et	her	110-75-8	N.D.	2.0	10	1
	2-Chloroethyl vinyl et preserve this sample.	her may no	ot 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	Dichlorodifluoromethan	е	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	120	0.80	5.0	1
10335	trans-1,2-Dichloroethe	ne	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-Dichloroprop	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-Tetrachloroeth		630-20-6	N.D.	1.0	5.0	1
10335	1,1,2,2-Tetrachloroeth	ane	79-34-5	N.D.	1.0	5.0	1
10335	Tetrachloroethene		127-18-4	5.1	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	410	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	2.7 J	1.0	5.0	1

General Sample Comments

State of New York Certification No. 10670



Analysis Report

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

Sample Description: PW-3 Water

BP Sanborn COC: 192462

2040 Cory Drive - Sanborn, NY

LL Group # 1401712 Account # 12495

LL Sample # WW 7117031

Project Name: BP Sanborn

Submitted: 07/03/2013 09:25

Reported: 07/05/2013 21:21

Collected: 07/02/2013 09:20 by RCB Atlantic Richfield(Parsons-NY)

BP Corporation

501 WestLake Park Blvd

Houston TX 77079

PW3--

Laboratory Sample Analysis Record							
CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
10335	VOCs 8260 Parsons Specs List	SW-846 8260B	1	E131851AA	07/04/2013 17:36	Jason M Long	1
10335	VOCs 8260 Parsons Specs List	SW-846 8260B	1	E131851AA	07/04/2013 17:56	Jason M Long	10
01163	GC/MS VOA Water Prep	SW-846 5030B	1	E131851AA	07/04/2013 17:36	Jason M Long	1
01163	GC/MS VOA Water Prep	SW-846 5030B	2	E131851AA	07/04/2013 17:56	Jason M Long	10



Analysis Report

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

Sample Description: B-18 Water

BP Sanborn COC: 192462

2040 Cory Drive - Sanborn, NY

LL Group # 1401712 Account # 12495

LL Sample # WW 7117032

Project Name: BP Sanborn

Submitted: 07/03/2013 09:25

Reported: 07/05/2013 21:21

Collected: 07/02/2013 10:00 by RCB Atlantic Richfield(Parsons-NY)

BP Corporation

501 WestLake Park Blvd

Houston TX 77079

B18--

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 ma preserve this sample.	-				
10335	Chloroform	67-66-3	N.D.	0.80	5.0	1
10335	Chloromethane	74-87-3	N.D.	1.0	5.0	1
10335	Dibromochloromethane	124-48-1	N.D.	1.0	5.0	1
10335	Dibromomethane	74-95-3	N.D.	1.0	5.0	1
10335	1,2-Dichlorobenzene	95-50-1	N.D.	1.0	5.0	1
10335	1,3-Dichlorobenzene	541-73-1	N.D.	1.0	5.0	1
10335	1,4-Dichlorobenzene	106-46-7	N.D.	1.0	5.0	1
10335	Dichlorodifluoromethane	75-71-8	N.D.	2.0	5.0	1
10335	1,1-Dichloroethane	75-34-3	N.D.	1.0	5.0	1
10335	1,2-Dichloroethane	107-06-2	N.D.	1.0	5.0	1
10335	1,1-Dichloroethene	75-35-4	N.D.	0.80	5.0	1
10335	cis-1,2-Dichloroethene	156-59-2	6.8	0.80	5.0	1
10335	trans-1,2-Dichloroethene	156-60-5	N.D.	0.80	5.0	1
10335	1,2-Dichloropropane	78-87-5	N.D.	1.0	5.0	1
10335	cis-1,3-Dichloropropene	10061-01-5	N.D.	1.0	5.0	1
10335	trans-1,3-Dichloropropene	10061-02-6	N.D.	1.0	5.0	1
10335	Methylene Chloride	75-09-2	N.D.	2.0	5.0	1
10335	1,1,1,2-Tetrachloroethane	630-20-6	N.D.	1.0	5.0	1
10335	1,1,2,2-Tetrachloroethane	79-34-5	N.D.	1.0	5.0	1
10335	Tetrachloroethene	127-18-4	N.D.	0.80	5.0	1
10335	1,1,1-Trichloroethane	71-55-6	N.D.	0.80	5.0	1
10335	1,1,2-Trichloroethane	79-00-5	N.D.	0.80	5.0	1
10335	Trichloroethene	79-01-6	29	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	1.7 J	1.0	5.0	1

General Sample Comments

State of New York Certification No. 10670



Analysis Report

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

Sample Description: B-18 Water

BP Sanborn COC: 192462

2040 Cory Drive - Sanborn, NY

LL Group # 1401712 Account # 12495

LL Sample # WW 7117032

Project Name: BP Sanborn

Submitted: 07/03/2013 09:25

Reported: 07/05/2013 21:21

Collected: 07/02/2013 10:00 by RCB Atlantic Richfield(Parsons-NY)

BP Corporation

501 WestLake Park Blvd

Houston TX 77079

B18--

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	E131851AA	07/04/2013 18:16	Jason M Long	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	E131851AA	07/04/2013 18:16	Jason M Long	1



Analysis Report

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

Sample Description: Field Dup #1 Water

BP Sanborn COC: 192462

2040 Cory Drive - Sanborn, NY

LL Group # 1401712 Account # 12495

LL Sample # WW 7117033

Project Name: BP Sanborn

Submitted: 07/03/2013 09:25

Reported: 07/05/2013 21:21

Collected: 07/02/2013 by RCB Atlantic Richfield(Parsons-NY)

BP Corporation

501 WestLake Park Blvd

Houston TX 77079

DUP1-

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.	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	3.2 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	2.0 J	0.80	5.0	1
10335	1,1,2-Trichloroethane	79-00-5	N.D.	0.80	5.0	1
10335	Trichloroethene	79-01-6	26	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



Analysis Report

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

Sample Description: Field Dup #1 Water

BP Sanborn COC: 192462

2040 Cory Drive - Sanborn, NY

LL Sample # WW 7117033 LL Group # 1401712 Account # 12495

Project Name: BP Sanborn

Submitted: 07/03/2013 09:25

Reported: 07/05/2013 21:21

Collected: 07/02/2013 by RCB Atlantic Richfield(Parsons-NY)

BP Corporation

501 WestLake Park Blvd

Houston TX 77079

DUP1-

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	E131851AA	07/04/2013 18:37	Jason M Long	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	E131851AA	07/04/2013 18:37	Jason M Long	1



Analysis Report

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

Sample Description: B-9 Water

BP Sanborn COC: 192462

2040 Cory Drive - Sanborn, NY

LL Group # 1401712 Account # 12495

LL Sample # WW 7117034

Project Name: BP Sanborn

Submitted: 07/03/2013 09:25

Reported: 07/05/2013 21:21

Collected: 07/02/2013 10:30 by RCB Atlantic Richfield(Parsons-NY)

BP Corporation

501 WestLake Park Blvd

Houston TX 77079

-B9--

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.	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	3.2 J	1.0	5.0	1
10335	Trichlorofluoromethane	75-69-4	N.D.	2.0	5.0	1
10335	1,2,3-Trichloropropane	96-18-4	N.D.	1.0	5.0	1
10335	Vinyl Chloride	75-01-4	N.D.	1.0	5.0	1

General Sample Comments

State of New York Certification No. 10670



Analysis Report

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

Sample Description: B-9 Water

BP Sanborn COC: 192462

2040 Cory Drive - Sanborn, NY

LL Group # 1401712 Account # 12495

LL Sample # WW 7117034

Project Name: BP Sanborn

Submitted: 07/03/2013 09:25

Reported: 07/05/2013 21:21

Collected: 07/02/2013 10:30 by RCB Atlantic Richfield(Parsons-NY)

BP Corporation

501 WestLake Park Blvd

Houston TX 77079

DΟ

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	E131851AA	07/04/2013 18:57	Jason M Long	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	E131851AA	07/04/2013 18:57	Jason M Long	1



Analysis Report

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: 192462

2040 Cory Drive - Sanborn, NY

LL Group # 1401712 Account # 12495

LL Sample # WW 7117035

Project Name: BP Sanborn

Submitted: 07/03/2013 09:25

Reported: 07/05/2013 21:21

Collected: 07/02/2013 11:05 by RCB Atlantic Richfield(Parsons-NY)

BP Corporation

501 WestLake Park Blvd

Houston TX 77079

B10--

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	d 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	3.2	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	2.1	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	28		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



Analysis Report

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: 192462

2040 Cory Drive - Sanborn, NY

LL Group # 1401712 Account # 12495

LL Sample # WW 7117035

Project Name: BP Sanborn

Submitted: 07/03/2013 09:25

Reported: 07/05/2013 21:21

01163 GC/MS VOA Water Prep

Collected: 07/02/2013 11:05 by RCB Atlantic Richfield(Parsons-NY)

SW-846 5030B 1 E131851AA

BP Corporation

501 WestLake Park Blvd

07/04/2013 19:18 Jason M Long

Houston TX 77079

B10--

Laboratory Sample Analysis Record							
CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
	VOCs 8260 Parsons Specs	SW-846 8260B	1	E131851AA	07/04/2013 19:18	Jason M Long	1



Analysis Report

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

Sample Description: B-11 Water

BP Sanborn COC: 192462

2040 Cory Drive - Sanborn, NY

LL Group # 1401712 Account # 12495

LL Sample # WW 7117036

Project Name: BP Sanborn

Submitted: 07/03/2013 09:25

Reported: 07/05/2013 21:21

Collected: 07/02/2013 11:40 by RCB Atlantic Richfield(Parsons-NY)

BP Corporation

501 WestLake Park Blvd

Houston TX 77079

B11--

CAT No.	Analysis Name		CAS Number	As Recei Result	ived	As Received Method Detection Limit*	As Received Limit of Quantitation	Dilution Factor
GC/MS	Volatiles S	SW-846	8260B	ug/l	1	ug/l	ug/l	
10335	Benzyl Chloride		100-44-7	N.D.	1	1.0	5.0	1
10335	Bromobenzene		108-86-1	N.D.	1	1.0	5.0	1
10335	Bromodichloromethane		75-27-4	N.D.	1	1.0	5.0	1
10335	Bromoform		75-25-2	N.D.	1	1.0	5.0	1
10335	Bromomethane		74-83-9	N.D.	1	1.0	5.0	1
10335	Carbon Tetrachloride		56-23-5	N.D.	1	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	1.0	5.0	1
10335	2-Chloroethyl Vinyl E	Ether	110-75-8	N.D.	2	2.0	10	1
	2-Chloroethyl vinyl e 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	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	ine	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-Dichloroether		156-59-2	4.3 J		0.80	5.0	1
10335	trans-1,2-Dichloroeth	iene	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		10061-01-5	N.D.		1.0	5.0	1
10335	trans-1,3-Dichloropro	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-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	4.4 J		0.80	5.0	1
10335	1,1,1-Trichloroethane		71-55-6	N.D.		0.80	5.0	1
10335	1,1,2-Trichloroethane	•	79-00-5	N.D.		0.80	5.0	1
10335	Trichloroethene		79-01-6	81		1.0	5.0	1
10335	Trichlorofluoromethan		75-69-4	N.D.		2.0	5.0	1
10335	1,2,3-Trichloropropar	ie	96-18-4	N.D.		1.0	5.0	1
10335	Vinyl Chloride		75-01-4	N.D.	1	1.0	5.0	1

General Sample Comments

State of New York Certification No. 10670



Analysis Report

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

Sample Description: B-11 Water

BP Sanborn COC: 192462

2040 Cory Drive - Sanborn, NY

LL Group # 1401712 Account # 12495

LL Sample # WW 7117036

Project Name: BP Sanborn

Submitted: 07/03/2013 09:25

Reported: 07/05/2013 21:21

01163 GC/MS VOA Water Prep

Collected: 07/02/2013 11:40 by RCB Atlantic Richfield(Parsons-NY)

SW-846 5030B 1 E131851AA

BP Corporation

501 WestLake Park Blvd

07/04/2013 19:38 Jason M Long

Houston TX 77079

B11--

		Laborat	ory Sa	ample Analysi	s 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	E131851AA	07/04/2013 19:38	Jason M Long	1



Analysis Report

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: 192462

2040 Cory Drive - Sanborn, NY

LL Group # 1401712 Account # 12495

LL Sample # WW 7117037

Project Name: BP Sanborn

Submitted: 07/03/2013 09:25

Reported: 07/05/2013 21:21

Collected: 07/02/2013 13:00 by RCB Atlantic Richfield(Parsons-NY)

BP Corporation

501 WestLake Park Blvd

Houston TX 77079

B41--

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit*	As Received Limit of Quantitation	Dilution Factor
GC/MS	Volatiles SW-846	8260B	ug/l	ug/l	ug/l	
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	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	Dichlorodifluoromethane	75-71-8	N.D.	2.0	5.0	1
10335	1,1-Dichloroethane	75-34-3	N.D.	1.0	5.0	1
10335	1,2-Dichloroethane	107-06-2	N.D.	1.0	5.0	1
10335	1,1-Dichloroethene	75-35-4	N.D.	0.80	5.0	1
10335	cis-1,2-Dichloroethene	156-59-2	5.7	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



Analysis Report

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: 192462

2040 Cory Drive - Sanborn, NY

LL Group # 1401712 Account # 12495

LL Sample # WW 7117037

Project Name: BP Sanborn

Submitted: 07/03/2013 09:25

Reported: 07/05/2013 21:21

Collected: 07/02/2013 13:00 by RCB Atlantic Richfield(Parsons-NY)

BP Corporation

501 WestLake Park Blvd

Houston TX 77079

B41--

Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
10335	VOCs 8260 Parsons Specs List	SW-846 8260B	1	E131851AA	07/04/2013 14:11	Jason M Long	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	E131851AA	07/04/2013 14:11	Jason M Long	1



Analysis Report

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

Sample Description: B-41 Matrix Spike Water

BP Sanborn COC: 192462

2040 Cory Drive - Sanborn, NY

LL Sample # WW 7117038 LL Group # 1401712 Account # 12495

Project Name: BP Sanborn

Submitted: 07/03/2013 09:25

Reported: 07/05/2013 21:21

Collected: 07/02/2013 13:00 by RCB Atlantic Richfield(Parsons-NY)

BP Corporation

501 WestLake Park Blvd

Houston TX 77079

B41--

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit*	As Received Limit of Quantitation	Dilution Factor
GC/MS	Volatiles SW-846	8260B	ug/l	ug/l	ug/l	
10335	Benzyl Chloride	100-44-7	17	1.0	5.0	1
10335	Bromobenzene	108-86-1	20	1.0	5.0	1
10335	Bromodichloromethane	75-27-4	20	1.0	5.0	1
10335	Bromoform	75-25-2	19	1.0	5.0	1
10335	Bromomethane	74-83-9	20	1.0	5.0	1
10335	Carbon Tetrachloride	56-23-5	22	1.0	5.0	1
10335	Chlorobenzene	108-90-7	21	0.80	5.0	1
10335	Chloroethane	75-00-3	21	1.0	5.0	1
10335	2-Chloroethyl Vinyl Ether	110-75-8	19	2.0	10	1
	2-Chloroethyl vinyl ether may preserve this sample.	y not be recovered	if acid was use	d to		
10335	Chloroform	67-66-3	21	0.80	5.0	1
10335	Chloromethane	74-87-3	19	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	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	19	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	20	1.0	5.0	1
10335	1,1-Dichloroethene	75-35-4	22	0.80	5.0	1
10335	cis-1,2-Dichloroethene	156-59-2	26	0.80	5.0	1
10335	trans-1,2-Dichloroethene	156-60-5	22	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	20	1.0	5.0	1
10335	trans-1,3-Dichloropropene	10061-02-6	19	1.0	5.0	1
10335	Methylene Chloride	75-09-2	21	2.0	5.0	1
10335	1,1,1,2-Tetrachloroethane	630-20-6	20	1.0	5.0	1
10335	1,1,2,2-Tetrachloroethane	79-34-5	19	1.0	5.0	1
10335	Tetrachloroethene	127-18-4	22	0.80	5.0	1
10335	1,1,1-Trichloroethane	71-55-6	21	0.80	5.0	1
10335	1,1,2-Trichloroethane	79-00-5	19	0.80	5.0	1
10335	Trichloroethene	79-01-6	22	1.0	5.0	1
10335	Trichlorofluoromethane	75-69-4	21	2.0	5.0	1
10335	1,2,3-Trichloropropane	96-18-4	19	1.0	5.0	1
10335	Vinyl Chloride	75-01-4	21	1.0	5.0	1

General Sample Comments

State of New York Certification No. 10670



Analysis Report

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

Sample Description: B-41 Matrix Spike Water

BP Sanborn COC: 192462

2040 Cory Drive - Sanborn, NY

LL Sample # WW 7117038 LL Group # 1401712 Account # 12495

Project Name: BP Sanborn

Submitted: 07/03/2013 09:25

Reported: 07/05/2013 21:21

Collected: 07/02/2013 13:00 by RCB Atlantic Richfield(Parsons-NY)

BP Corporation

501 WestLake Park Blvd

Houston TX 77079

B41--

Laboratory Sample Analysis Record Trial# Batch# Analysis Analyst Diluti

CAT	Analysis Name	Method	Trial#	Batch#	Analysis	Analyst	Dilution
No.					Date and Time		Factor
10335	VOCs 8260 Parsons Specs List	SW-846 8260B	1	E131851AA	07/04/2013 14:32	Jason M Long	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	E131851AA	07/04/2013 14:32	Jason M Long	1



Analysis Report

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

Sample Description: B-41 Matrix Spike Dup Water

BP Sanborn COC: 192462

2040 Cory Drive - Sanborn, NY

LL Sample # WW 7117039 LL Group # 1401712 Account # 12495

Project Name: BP Sanborn

Submitted: 07/03/2013 09:25

Reported: 07/05/2013 21:21

Collected: 07/02/2013 13:00 by RCB Atlantic Richfield(Parsons-NY)

BP Corporation

501 WestLake Park Blvd

Houston TX 77079

B41--

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit*	As Received Limit of Quantitation	Dilution Factor
GC/MS	Volatiles SW-846	8260B	ug/l	ug/l	ug/l	
10335	Benzyl Chloride	100-44-7	18	1.0	5.0	1
10335	Bromobenzene	108-86-1	20	1.0	5.0	1
10335	Bromodichloromethane	75-27-4	20	1.0	5.0	1
10335	Bromoform	75-25-2	20	1.0	5.0	1
10335	Bromomethane	74-83-9	21	1.0	5.0	1
10335	Carbon Tetrachloride	56-23-5	23	1.0	5.0	1
10335	Chlorobenzene	108-90-7	22	0.80	5.0	1
10335	Chloroethane	75-00-3	21	1.0	5.0	1
10335	2-Chloroethyl Vinyl Ether	110-75-8	20	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	19	1.0	5.0	1
10335	Dibromochloromethane	124-48-1	20	1.0	5.0	1
10335	Dibromomethane	74-95-3	21	1.0	5.0	1
10335	1,2-Dichlorobenzene	95-50-1	21	1.0	5.0	1
10335	1,3-Dichlorobenzene	541-73-1	21	1.0	5.0	1
10335	1,4-Dichlorobenzene	106-46-7	21	1.0	5.0	1
10335	Dichlorodifluoromethane	75-71-8	20	2.0	5.0	1
10335	1,1-Dichloroethane	75-34-3	21	1.0	5.0	1
10335	1,2-Dichloroethane	107-06-2	22	1.0	5.0	1
10335	1,1-Dichloroethene	75-35-4	23	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	23	0.80	5.0	1
10335	1,2-Dichloropropane	78-87-5	22	1.0	5.0	1
10335	cis-1,3-Dichloropropene	10061-01-5	21	1.0	5.0	1
10335	trans-1,3-Dichloropropene	10061-02-6	20	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	20	1.0	5.0	1
10335	Tetrachloroethene	127-18-4	23	0.80	5.0	1
10335	1,1,1-Trichloroethane	71-55-6	22	0.80	5.0	1
10335	1,1,2-Trichloroethane	79-00-5	22	0.80	5.0	1
10335	Trichloroethene	79-01-6	24	1.0	5.0	1
10335	Trichlorofluoromethane	75-69-4	22	2.0	5.0	1
10335	1,2,3-Trichloropropane	96-18-4	20	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



Analysis Report

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

Sample Description: B-41 Matrix Spike Dup Water

BP Sanborn COC: 192462

2040 Cory Drive - Sanborn, NY

LL Sample # WW 7117039 LL Group # 1401712

Account # 12495

Project Name: BP Sanborn

Submitted: 07/03/2013 09:25

Reported: 07/05/2013 21:21

Collected: 07/02/2013 13:00 by RCB Atlantic Richfield(Parsons-NY)

BP Corporation

501 WestLake Park Blvd

Houston TX 77079

B41--

Laboratory Sample Analysis Record								
CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Tir	me	Analyst	Dilution Factor
10335	VOCs 8260 Parsons Specs List	SW-846 8260B	1	E131851AA	07/04/2013	14:52	Jason M Long	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	E131851AA	07/04/2013	14:52	Jason M Long	1



Analysis Report

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: 192474

2040 Cory Drive - Sanborn, NY

LL Group # 1401712 Account # 12495

LL Sample # WW 7117040

Project Name: BP Sanborn

Submitted: 07/03/2013 09:25

Reported: 07/05/2013 21:21

Collected: 07/02/2013 13:40 by RCB Atlantic Richfield(Parsons-NY)

BP Corporation

501 WestLake Park Blvd

Houston TX 77079

B40--

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit*	As Received Limit of Quantitation	Dilution Factor
GC/MS	Volatiles SW-846	8260B	ug/l	ug/l	ug/l	
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 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	2.6 J	0.80	5.0	1
10335	trans-1,2-Dichloroethene	156-60-5	N.D.	0.80	5.0	1
10335	1,2-Dichloropropane	78-87-5	N.D.	1.0	5.0	1
10335	cis-1,3-Dichloropropene	10061-01-5	N.D.	1.0	5.0	1
10335	trans-1,3-Dichloropropene	10061-02-6	N.D.	1.0	5.0	1
10335	Methylene Chloride	75-09-2	N.D.	2.0	5.0	1
10335	1,1,1,2-Tetrachloroethane	630-20-6	N.D.	1.0	5.0	1
10335	1,1,2,2-Tetrachloroethane	79-34-5	N.D.	1.0	5.0	1
10335	Tetrachloroethene	127-18-4	N.D.	0.80	5.0	1
10335	1,1,1-Trichloroethane	71-55-6	N.D.	0.80	5.0	1
10335	1,1,2-Trichloroethane	79-00-5	N.D.	0.80	5.0	1
10335	Trichloroethene	79-01-6	2.6 J	1.0	5.0	1
10335	Trichlorofluoromethane	75-69-4	N.D.	2.0	5.0	1
10335	1,2,3-Trichloropropane	96-18-4	N.D.	1.0	5.0	1
10335	Vinyl Chloride	75-01-4	N.D.	1.0	5.0	1

General Sample Comments

State of New York Certification No. 10670



Analysis Report

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: 192474

2040 Cory Drive - Sanborn, NY

LL Group # 1401712 Account # 12495

LL Sample # WW 7117040

Project Name: BP Sanborn

Submitted: 07/03/2013 09:25

Reported: 07/05/2013 21:21

Collected: 07/02/2013 13:40 by RCB Atlantic Richfield(Parsons-NY)

BP Corporation

501 WestLake Park Blvd

Houston TX 77079

B40--

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
10335	VOCs 8260 Parsons Specs List	SW-846 8260B	1	E131851AA	07/04/2013 20:19	Jason M Long	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	E131851AA	07/04/2013 20:19	Jason M Long	1



Analysis Report

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

Sample Description: B-39 Water

BP Sanborn COC: 192474

2040 Cory Drive - Sanborn, NY

LL Group # 1401712 Account # 12495

LL Sample # WW 7117041

Project Name: BP Sanborn

Submitted: 07/03/2013 09:25

Reported: 07/05/2013 21:21

Collected: 07/02/2013 14:15 by RCB Atlantic Richfield(Parsons-NY)

BP Corporation

501 WestLake Park Blvd

Houston TX 77079

B39--

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.	y 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	1.8 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	6.8	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



Analysis Report

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

Sample Description: B-39 Water

BP Sanborn COC: 192474

2040 Cory Drive - Sanborn, NY

LL Group # 1401712 Account # 12495

LL Sample # WW 7117041

Project Name: BP Sanborn

Submitted: 07/03/2013 09:25

Reported: 07/05/2013 21:21

Collected: 07/02/2013 14:15 by RCB Atlantic Richfield(Parsons-NY)

BP Corporation

501 WestLake Park Blvd

Houston TX 77079

B39--

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
10335	VOCs 8260 Parsons Specs	SW-846 8260B	1	E131851AA	07/04/2013 20:40	Jason M Long	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	E131851AA	07/04/2013 20:40	Jason M Long	1



Analysis Report

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Quality Control Summary

Client Name: Atlantic Richfield(Parsons-NY) Group Number: 1401712

Reported: 07/05/13 at 09:21 PM

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

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

Laboratory Compliance Quality Control

Analysis Name	Blank <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: E131851AA	Sample numb	per(s): 71	17030-711	7041					
Benzyl Chloride	N.D.	1.0	5.0	ug/l	92	90	49-120	2	30
Bromobenzene	N.D.	1.0	5.0	ug/l	100	98	80-120	2	30
Bromodichloromethane	N.D.	1.0	5.0	ug/l	98	98	73-120	0	30
Bromoform	N.D.	1.0	5.0	ug/l	100	97	61-120	3	30
Bromomethane	N.D.	1.0	5.0	ug/l	98	98	51-120	1	30
Carbon Tetrachloride	N.D.	1.0	5.0	ug/l	103	102	65-137	1	30
Chlorobenzene	N.D.	0.80	5.0	ug/l	104	103	80-120	1	30
Chloroethane	N.D.	1.0	5.0	ug/l	99	96	60-120	3	30
2-Chloroethyl Vinyl Ether	N.D.	2.0	10	ug/l	100	98	52-127	2	30
Chloroform	N.D.	0.80	5.0	ug/l	101	100	77-122	1	30
Chloromethane	N.D.	1.0	5.0	ug/l	90	95	54-123	5	30
Dibromochloromethane	N.D.	1.0	5.0	ug/l	99	100	72-120	1	30
Dibromomethane	N.D.	1.0	5.0	ug/l	97	99	80-120	2	30
1,2-Dichlorobenzene	N.D.	1.0	5.0	ug/l	107	102	80-120	4	30
1,3-Dichlorobenzene	N.D.	1.0	5.0	ug/l	104	101	80-120	3	30
1,4-Dichlorobenzene	N.D.	1.0	5.0	ug/l	105	101	80-120	4	30
Dichlorodifluoromethane	N.D.	2.0	5.0	ug/l	97	94	35-122	3	30
1,1-Dichloroethane	N.D.	1.0	5.0	ug/l	104	100	79-120	4	30
1,2-Dichloroethane	N.D.	1.0	5.0	ug/l	104	100	64-130	4	30
1,1-Dichloroethene	N.D.	0.80	5.0	ug/l	104	104	76-124	0	30
cis-1,2-Dichloroethene	N.D.	0.80	5.0	ug/l	101	100	80-120	1	30
trans-1,2-Dichloroethene	N.D.	0.80	5.0	ug/l	105	103	80-120	2	30
1,2-Dichloropropane	N.D.	1.0	5.0	ug/l	104	103	80-120	2	30
cis-1,3-Dichloropropene	N.D.	1.0	5.0	ug/l	103	100	78-120	3	30
trans-1,3-Dichloropropene	N.D.	1.0	5.0	ug/l	97	95	66-124	2	30
Methylene Chloride	N.D.	2.0	5.0	ug/l	103	103	84-118	0	30
1,1,1,2-Tetrachloroethane	N.D.	1.0	5.0	ug/l	103	102	79-120	1	30
1,1,2,2-Tetrachloroethane	N.D.	1.0	5.0	ug/l	107	103	70-129	4	30
Tetrachloroethene	N.D.	0.80	5.0	ug/l	103	100	79-120	2	30
1,1,1-Trichloroethane	N.D.	0.80	5.0	ug/l	99	98	66-126	0	30
1,1,2-Trichloroethane	N.D.	0.80	5.0	ug/l	104	101	80-120	3	30
Trichloroethene	N.D.	1.0	5.0	ug/l	102	103	80-120	2	30
Trichlorofluoromethane	N.D.	2.0	5.0	ug/l	100	98	65-130	2	30
1,2,3-Trichloropropane	N.D.	1.0	5.0	ug/l	103	105	76-120	1	30
Vinyl Chloride	N.D.	1.0	5.0	ug/l	100	97	63-120	2	30

Sample Matrix Quality Control

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

*- 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.



Analysis Report

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Quality Control Summary

Client Name: Atlantic Richfield(Parsons-NY) Group Number: 1401712

Reported: 07/05/13 at 09:21 PM

1000100d: 07,03,13 de 03	MS	MSD	MS/MSD		RPD	BKG	DUP	DUP	Dup RPD
Analysis Name	%REC	%REC	<u>Limits</u>	RPD	<u>MAX</u>	Conc	Conc	<u>RPD</u>	Max
Batch number: E131851AA	Sample	number(s)	: 7117030	-71170	41 UNSE	K: 7117037			
Benzyl Chloride	84	89	42-131	5	30				
Bromobenzene	100	102	82-115	3	30				
Bromodichloromethane	98	102	78-125	4	30				
Bromoform	93	99	48-118	6	30				
Bromomethane	101	105	47-129	3	30				
Carbon Tetrachloride	109	114	72-135	4	30				
Chlorobenzene	103	109	87-124	6	30				
Chloroethane	104	105	51-145	1	30				
2-Chloroethyl Vinyl Ether	95	100	10-151	5	30				
Chloroform	105	110	81-134	5	30				
Chloromethane	95	97	46-137	2	30				
Dibromochloromethane	96	102	74-116	6	30				
Dibromomethane	97	103	83-119	6	30				
1,2-Dichlorobenzene	100	106	84-119	6	30				
1,3-Dichlorobenzene	100	106	86-121	6	30				
1,4-Dichlorobenzene	100	105	85-121	5	30				
Dichlorodifluoromethane	96	99	52-129	3	30				
1,1-Dichloroethane	104	107	84-129	3	30				
1,2-Dichloroethane	102	108	68-131	6	30				
1,1-Dichloroethene	112	114	75-155	2	30				
cis-1,2-Dichloroethene	101	106	80-141	4	30				
trans-1,2-Dichloroethene	111	115	81-142	4	30				
1,2-Dichloropropane	105	110	83-124	4	30				
cis-1,3-Dichloropropene	102	106	70-116	4	30				
trans-1,3-Dichloropropene	94	101	74-119	7	30				
Methylene Chloride	105	109	78-133	4	30				
1,1,1,2-Tetrachloroethane	99	106	74-136	7	30				
1,1,2,2-Tetrachloroethane	96	102	72-128	6	30				
Tetrachloroethene	109	115	80-128	6	30				
1,1,1-Trichloroethane	105	108	69-140	3	30				
1,1,2-Trichloroethane	97	108	71-141	10	30				
Trichloroethene	112	118	88-133	5	30				
Trichlorofluoromethane	106	110	64-146	4	30				
1,2,3-Trichloropropane	94	98	76-118	4	30				
Vinyl Chloride	104	107	66-133	3	30				
-									

Surrogate Quality Control

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

Analysis Name: PPL + Xylene (total) by 8260

Batch number: E131851AA

	Dibromofluoromethane	1,2-Dichloroethane-d4	Toluene-d8	4-Bromofluorobenzene
7117030	100	102	99	97
7117031	101	103	99	97
7117032	99	102	100	97
7117033	102	103	98	98
7117034	101	102	98	98
7117035	101	103	100	98

- *- 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

	Name: Atlantic ed: 07/05/13 at		rsons-NY)		G	roup	Number:	1401712
-	, ,		Surrogate	Quality	Control			
7117036	101	105	100	98				
7117037	102	102	100	97				
7117038	102	105	99	100				
7117039	101	100	100	100				
7117040	102	105	99	96				
7117041	103	105	98	97				
Blank	98	101	99	98				
LCS	100	99	100	100				
LCSD	102	101	100	100				
MS	102	105	99	100				
MSD	101	100	100	100				
Limits:	80-116	77-113	80-113	78-113				

^{*-} Outside of specification

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

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

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

A C	tlantic A-12495 Richtield ⁴⁻¹⁴⁰¹¹ ompany5-7117030 A BP affiliated company	Labora BP/ARC Pro BP/ARC Fac	tory Mai oject Name: cility No:	nag 	eme P,S∞	nt F inbo	Prog	yra DY	m L	.aM	P	Chai	in c	of C Req Lab	ust Due Work	t ody Date (Corde	/ Re mm/d er Nur	COI dd/yy) mber:	rd :``	19			P Rush TA	age	of <u>2</u> No <u>/</u>
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Laboratory Copy
Page 31 of 34

	Atlantic A-12495 Richfield 6-14017 Companys 7117030 A BP affiliated company	Labora 1/2_ BP/ARC Pro-42 BP/ARC Fac	tory Mai oject Name: cility No:	nag B	P	nen S	t Pi	rog ∞⁄	yra '\	m L	LaN	IP (Cha	in (- -	of C Req Lab \	US Due Work	tody Date (c Orde	/ R (mm/ er Nu	eco l (dd/yy) mber:	rd :	19				Paush TA1	age <u>2</u> :: Yes	of 2 No /
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G_1401712_ Environmental Sample Administration **Receipt Documentation Log**

Client/	Project:	<u>jarza,</u>	nS	Shipping Container Sealed: YES NO								
Date of	f Receipt:	<u> 7.3</u>	13	Custody	/ Seal Pres	sent * : YE	s (NO)					
Time o	f Receipt: _	46	15		seal was inta	act unless otherwise	noted in the					
Source	e Code:		50-\	Package		Chilled	Not Chilled					
			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					
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Explanation of Symbols and Abbreviations

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

RL	Reporting Limit	BMQL	Below Minimum Quantitation Level
N.D.	none detected	MPN	Most Probable Number
TNTC	Too Numerous To Count	CP Units	cobalt-chloroplatinate units
IU	International Units	NTU	nephelometric turbidity units
umhos/cm	micromhos/cm	ng	nanogram(s)
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

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 per liter of gas.

ppb parts per billion

Dry weightbasis
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.

Data Qualifiers:

C - result confirmed by reanalysis.

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

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	Е	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
Ε	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 EUROFINS LANCASTER LABORATORIES ENVIRONMENTAL, LLC 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 EUROFINS LANCASTER LABORATORIES ENVIRONMENTAL AND (B) WHETHER EUROFINS LANCASTER LABORATORIES ENVIRONMENTAL 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 Eurofins Lancaster Laboratories Environmental which includes any conditions that vary from the Standard Terms and Conditions, and Eurofins Lancaster Laboratories Environmental hereby objects to any conflicting terms contained in any acceptance or order submitted by client.

Analysis Report

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

July 12, 2013

Project: BP Sanborn

Submittal Date: 07/09/2013 Group Number: 1402575 PO Number: D00B4-0004 Release Number: BARBER State of Sample Origin: NY

Client Sample Description	Lancaster Labs (LL) #
B-13 Water	7120723
B-13 MS Water	7120724
B-13 MSD Water	7120725
P-3 Water	7120726
B-3 Water	7120727
B-42 Water	7120728
B-43 Water	7120729
Field Dup #2 Water	7120730
PW-1 Water	7120731
B-17 Water	7120732
B-44 Water	7120733
B-19 Water	7120734
B-4 Water	7120735

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		
ELECTRONIC	Parsons	Attn: Eric Felter
COPY TO		
ELECTRONIC	Parsons	Attn: Doug Taylor
COPY TO		
0011		

Analysis Report

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

Respectfully Submitted,

Kaitlin N. Plasterer Specialist

Maither M. Pasterer

(717) 556-7323

Case Narrative

Project Name: BP Sanborn LLI Group #: 1402575

General Comments:

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

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

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

Project specific QC samples are included in this data set

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

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

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

Analysis Specific Comments:

SW-846 8260B, GC/MS Volatiles

Batch #: Y131922AA (Sample number(s): 7120723-7120735 UNSPK: 7120723)

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



Analysis Report

Account

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

Sample Description: B-13 Water

BP Sanborn COC: 192475

2040 Cory Drive - Sanborn, NY

LL Sample # WW 7120723 LL Group # 1402575

12495

Project Name: BP Sanborn

Submitted: 07/09/2013 09:20

Reported: 07/12/2013 13:28

Collected: 07/08/2013 13:20 by RCB Atlantic Richfield(Parsons-NY)

BP Corporation

501 WestLake Park Blvd

Houston TX 77079

SBB13

CAT No.	Analysis Name	CAS Number	As Recei Result	ived 1	As Received Method Detection Limit*	As Received Limit of Quantitation	Dilution Factor
GC/MS	Volatiles SW-846	8260B	ug/l	υ	ug/l	ug/l	
10335	Benzyl Chloride	100-44-7	N.D.	1	1.0	5.0	1
10335	Bromobenzene	108-86-1	N.D.	1	1.0	5.0	1
10335	Bromodichloromethane	75-27-4	N.D.	1	1.0	5.0	1
10335	Bromoform	75-25-2	N.D.	1	1.0	5.0	1
10335	Bromomethane	74-83-9	N.D.	1	1.0	5.0	1
10335	Carbon Tetrachloride	56-23-5	N.D.	1	1.0	5.0	1
10335	Chlorobenzene	108-90-7	N.D.	0	0.80	5.0	1
10335	Chloroethane	75-00-3	N.D.	1	1.0	5.0	1
10335	2-Chloroethyl Vinyl Ether	110-75-8	N.D.	2	2.0	10	1
	2-Chloroethyl vinyl ether mapreserve this sample.	ay not be recovered	if acid v	was used t	to		
10335	Chloroform	67-66-3	N.D.	0	0.80	5.0	1
10335	Chloromethane	74-87-3	N.D.	1	1.0	5.0	1
10335	Dibromochloromethane	124-48-1	N.D.	1	1.0	5.0	1
10335	Dibromomethane	74-95-3	N.D.	1	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	1.0	5.0	1
10335	1,4-Dichlorobenzene	106-46-7	N.D.	1	1.0	5.0	1
10335	Dichlorodifluoromethane	75-71-8	N.D.	2	2.0	5.0	1
10335	1,1-Dichloroethane	75-34-3	26	1	1.0	5.0	1
10335	1,2-Dichloroethane	107-06-2	N.D.	1	1.0	5.0	1
10335	1,1-Dichloroethene	75-35-4	5.2		0.80	5.0	1
10335	cis-1,2-Dichloroethene	156-59-2	460		3.0	50	10
10335	trans-1,2-Dichloroethene	156-60-5		J 0	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.		L.O	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.		L.O	5.0	1
10335	1,1,2,2-Tetrachloroethane	79-34-5	N.D.		L.O	5.0	1
10335	Tetrachloroethene	127-18-4			0.80	5.0	1
10335	1,1,1-Trichloroethane	71-55-6			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		LO	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	17	1	1.0	5.0	1

General Sample Comments

State of New York Certification No. 10670



Analysis Report

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

Sample Description: B-13 Water

BP Sanborn COC: 192475

2040 Cory Drive - Sanborn, NY

LL Group # 1402575 Account # 12495

LL Sample # WW 7120723

Project Name: BP Sanborn

Submitted: 07/09/2013 09:20

Reported: 07/12/2013 13:28

Collected: 07/08/2013 13:20 by RCB Atlantic Richfield(Parsons-NY)

BP Corporation

501 WestLake Park Blvd

Houston TX 77079

SBB13

	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	Y131922AA	07/12/2013 00:20	Sarah A Guill	1		
10335	VOCs 8260 Parsons Specs List	SW-846 8260B	1	Y131922AA	07/12/2013 05:58	Sarah A Guill	10		
01163 01163	GC/MS VOA Water Prep GC/MS VOA Water Prep	SW-846 5030B SW-846 5030B	1 2	Y131922AA Y131922AA	07/12/2013 00:20 07/12/2013 05:58	Sarah A Guill Sarah A Guill	1 10		



Analysis Report

Account

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

Sample Description: B-13 MS Water

BP Sanborn COC: 192475

2040 Cory Drive - Sanborn, NY

LL Sample # WW 7120724 LL Group # 1402575

12495

Project Name: BP Sanborn

Submitted: 07/09/2013 09:20

Reported: 07/12/2013 13:28

Collected: 07/08/2013 13:20 by RCB Atlantic Richfield(Parsons-NY)

BP Corporation

501 WestLake Park Blvd

Houston TX 77079

SBB13

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	17		1.0	5.0	1
10335	Bromobenzene	108-86-1	20		1.0	5.0	1
10335	Bromodichloromethane	75-27-4	21		1.0	5.0	1
10335	Bromoform	75-25-2	18		1.0	5.0	1
10335	Bromomethane	74-83-9	15		1.0	5.0	1
10335	Carbon Tetrachloride	56-23-5	24		1.0	5.0	1
10335	Chlorobenzene	108-90-7	21		0.80	5.0	1
10335	Chloroethane	75-00-3	16		1.0	5.0	1
10335	2-Chloroethyl Vinyl Ether	110-75-8	15		2.0	10	1
	2-Chloroethyl vinyl ether mapreserve this sample.	ay not be recovered	if acid	was used	to		
10335	Chloroform	67-66-3	22		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	20		1.0	5.0	1
10335	1,3-Dichlorobenzene	541-73-1	21		1.0	5.0	1
10335	1,4-Dichlorobenzene	106-46-7	21		1.0	5.0	1
10335	Dichlorodifluoromethane	75-71-8	19		2.0	5.0	1
10335	1,1-Dichloroethane	75-34-3	50		1.0	5.0	1
10335	1,2-Dichloroethane	107-06-2	22		1.0	5.0	1
10335	1,1-Dichloroethene	75-35-4	28		0.80	5.0	1
10335	cis-1,2-Dichloroethene	156-59-2	520		0.80	5.0	1
10335	trans-1,2-Dichloroethene	156-60-5	27		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	20		1.0	5.0	1
10335	trans-1,3-Dichloropropene	10061-02-6	20		1.0	5.0	1
10335	Methylene Chloride	75-09-2	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	25		0.80	5.0	1
10335	1,1,1-Trichloroethane	71-55-6	26		0.80	5.0	1
10335	1,1,2-Trichloroethane	79-00-5	20		0.80	5.0	1
10335	Trichloroethene	79-01-6	710		1.0	5.0	1
10335	Trichlorofluoromethane	75-69-4	19		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	36		1.0	5.0	1

General Sample Comments

State of New York Certification No. 10670



Analysis Report

Account

07/12/2013 00:41 Sarah A Guill

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

Sample Description: B-13 MS Water

BP Sanborn COC: 192475

SW-846 5030B

2040 Cory Drive - Sanborn, NY

LL Sample # WW 7120724 LL Group # 1402575

12495

Project Name: BP Sanborn

Submitted: 07/09/2013 09:20

Reported: 07/12/2013 13:28

01163 GC/MS VOA Water Prep

Collected: 07/08/2013 13:20 by RCB Atlantic Richfield(Parsons-NY)

1

BP Corporation

501 WestLake Park Blvd

Houston TX 77079

SBB13

Laboratory Sample Analysis Record							
CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
	VOCs 8260 Parsons Specs	SW-846 8260B	1	Y131922AA	07/12/2013 00:41	Sarah A Guill	1

Y131922AA



Analysis Report

Account

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

Sample Description: B-13 MSD Water

BP Sanborn COC: 192475

2040 Cory Drive - Sanborn, NY

LL Sample # WW 7120725 LL Group # 1402575

12495

Project Name: BP Sanborn

Submitted: 07/09/2013 09:20

Reported: 07/12/2013 13:28

Collected: 07/08/2013 13:20 by RCB Atlantic Richfield(Parsons-NY)

BP Corporation

501 WestLake Park Blvd

Houston TX 77079

SBB13

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	15		1.0	5.0	1
10335	Bromobenzene	108-86-1	18		1.0	5.0	1
10335	Bromodichloromethane	75-27-4	19		1.0	5.0	1
10335	Bromoform	75-25-2	16		1.0	5.0	1
10335	Bromomethane	74-83-9	15		1.0	5.0	1
10335	Carbon Tetrachloride	56-23-5	21		1.0	5.0	1
10335	Chlorobenzene	108-90-7	19		0.80	5.0	1
10335	Chloroethane	75-00-3	16		1.0	5.0	1
10335	2-Chloroethyl Vinyl Ether	110-75-8	14		2.0	10	1
	2-Chloroethyl vinyl ether ma preserve this sample.	ay not be recovered	if acid	was used	to		
10335	Chloroform	67-66-3	19		0.80	5.0	1
10335	Chloromethane	74-87-3	21		1.0	5.0	1
10335	Dibromochloromethane	124-48-1	17		1.0	5.0	1
10335	Dibromomethane	74-95-3	17		1.0	5.0	1
10335	1,2-Dichlorobenzene	95-50-1	18		1.0	5.0	1
10335	1,3-Dichlorobenzene	541-73-1	18		1.0	5.0	1
10335	1,4-Dichlorobenzene	106-46-7	19		1.0	5.0	1
10335	Dichlorodifluoromethane	75-71-8	18		2.0	5.0	1
10335	1,1-Dichloroethane	75-34-3	49		1.0	5.0	1
10335	1,2-Dichloroethane	107-06-2	20		1.0	5.0	1
10335	1,1-Dichloroethene	75-35-4	26		0.80	5.0	1
10335	cis-1,2-Dichloroethene	156-59-2	540	E	0.80	5.0	1
10335	trans-1,2-Dichloroethene	156-60-5	25		0.80	5.0	1
10335	1,2-Dichloropropane	78-87-5	19		1.0	5.0	1
10335	cis-1,3-Dichloropropene	10061-01-5	18		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	19		2.0	5.0	1
10335	1,1,1,2-Tetrachloroethane	630-20-6	18		1.0	5.0	1
10335	1,1,2,2-Tetrachloroethane	79-34-5	16		1.0	5.0	1
10335	Tetrachloroethene	127-18-4	22		0.80	5.0	1
10335	1,1,1-Trichloroethane	71-55-6	23		0.80	5.0	1
10335	1,1,2-Trichloroethane	79-00-5	18		0.80	5.0	1
10335	Trichloroethene	79-01-6	730		1.0	5.0	1
10335	Trichlorofluoromethane	75-69-4	19		2.0	5.0	1
10335	1,2,3-Trichloropropane	96-18-4	16		1.0	5.0	1
10335	Vinyl Chloride	75-01-4	37		1.0	5.0	1

General Sample Comments

State of New York Certification No. 10670



Analysis Report

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

Sample Description: B-13 MSD Water

BP Sanborn COC: 192475

2040 Cory Drive - Sanborn, NY

LL Group # 1402575 Account # 12495

LL Sample # WW 7120725

Project Name: BP Sanborn

Submitted: 07/09/2013 09:20

Reported: 07/12/2013 13:28

Collected: 07/08/2013 13:20 by RCB Atlantic Richfield(Parsons-NY)

BP Corporation

501 WestLake Park Blvd

Houston TX 77079

SBB13

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
10335	VOCs 8260 Parsons Specs List	SW-846 8260B	1	Y131922AA	07/12/2013 01:02	Sarah A Guill	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	Y131922AA	07/12/2013 01:02	Sarah A Guill	1



Analysis Report

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

Sample Description: P-3 Water

BP Sanborn COC: 192475

2040 Cory Drive - Sanborn, NY

LL Group # 1402575 Account # 12495

LL Sample # WW 7120726

Project Name: BP Sanborn

Submitted: 07/09/2013 09:20

Reported: 07/12/2013 13:28

Collected: 07/08/2013 12:05 by RCB Atlantic Richfield(Parsons-NY)

BP Corporation

501 WestLake Park Blvd

Houston TX 77079

SB-P3

CAT No.	Analysis Name	CAS Number	As Receiv Result	As Received red 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 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	100	0.80	5.0	1
10335	trans-1,2-Dichloroethene	156-60-5	3.7 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	N.D.	0.80	5.0	1
10335	1,1,2-Trichloroethane	79-00-5	N.D.	0.80	5.0	1
10335	Trichloroethene	79-01-6	2.2 J	1.0	5.0	1
10335	Trichlorofluoromethane	75-69-4	N.D.	2.0	5.0	1
10335	1,2,3-Trichloropropane	96-18-4	N.D.	1.0	5.0	1
10335	Vinyl Chloride	75-01-4	1.6 J	1.0	5.0	1

General Sample Comments

State of New York Certification No. 10670



Analysis Report

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

Sample Description: P-3 Water

BP Sanborn COC: 192475

2040 Cory Drive - Sanborn, NY

LL Group # 1402575 Account # 12495

LL Sample # WW 7120726

Project Name: BP Sanborn

Submitted: 07/09/2013 09:20

Reported: 07/12/2013 13:28

Collected: 07/08/2013 12:05 by RCB Atlantic Richfield(Parsons-NY)

BP Corporation

501 WestLake Park Blvd

Houston TX 77079

SB-P3

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
10335	VOCs 8260 Parsons Specs List	SW-846 8260B	1	Y131922AA	07/12/2013 01:23	Sarah A Guill	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	Y131922AA	07/12/2013 01:23	Sarah A Guill	1



Analysis Report

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

Sample Description: B-3 Water

BP Sanborn COC: 192475

2040 Cory Drive - Sanborn, NY

LL Sample # WW 7120727 LL Group # 1402575 Account # 12495

Project Name: BP Sanborn

Submitted: 07/09/2013 09:20

Reported: 07/12/2013 13:28

Collected: 07/08/2013 12:00 by RCB Atlantic Richfield(Parsons-NY)

BP Corporation

501 WestLake Park Blvd

Houston TX 77079

SB-B3

CAT No.	Analysis Name	CAS Number	As Rec Resul	ceived t	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	d 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	1.7	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	1.2	J	0.80	5.0	1
10335	cis-1,2-Dichloroethene	156-59-2	160		0.80	5.0	1
10335	trans-1,2-Dichloroethene	156-60-5	2.8	J	0.80	5.0	1
10335	1,2-Dichloropropane	78-87-5	N.D.		1.0	5.0	1
10335	cis-1,3-Dichloropropene	10061-01-5	N.D.		1.0	5.0	1
10335	trans-1,3-Dichloropropene	10061-02-6	N.D.		1.0	5.0	1
10335	Methylene Chloride	75-09-2	N.D.		2.0	5.0	1
10335	1,1,1,2-Tetrachloroethane	630-20-6	N.D.		1.0	5.0	1
10335	1,1,2,2-Tetrachloroethane	79-34-5	N.D.		1.0	5.0	1
10335	Tetrachloroethene	127-18-4	N.D.		0.80	5.0	1
10335	1,1,1-Trichloroethane	71-55-6	1.1	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	100		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	22		1.0	5.0	1

General Sample Comments

State of New York Certification No. 10670



Analysis Report

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

Sample Description: B-3 Water

BP Sanborn COC: 192475

2040 Cory Drive - Sanborn, NY

LL Group # 1402575 Account # 12495

LL Sample # WW 7120727

Project Name: BP Sanborn

Submitted: 07/09/2013 09:20

Reported: 07/12/2013 13:28

Collected: 07/08/2013 12:00 by RCB Atlantic Richfield(Parsons-NY)

BP Corporation

501 WestLake Park Blvd

Houston TX 77079

SB-B3

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
10335	VOCs 8260 Parsons Specs List	SW-846 8260B	1	Y131922AA	07/12/2013 01:44	Sarah A Guill	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	Y131922AA	07/12/2013 01:44	Sarah A Guill	1



Analysis Report

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: 192475

2040 Cory Drive - Sanborn, NY

LL Group # 1402575 Account # 12495

LL Sample # WW 7120728

Project Name: BP Sanborn

Submitted: 07/09/2013 09:20

Reported: 07/12/2013 13:28

Collected: 07/08/2013 11:30 by RCB Atlantic Richfield(Parsons-NY)

BP Corporation

501 WestLake Park Blvd

Houston TX 77079

SBB42

CAT No.	Analysis Name		CAS Number	As Recei Result	ived	As Received Method Detection Limit*	As Received Limit of Quantitation	Dilution Factor
GC/MS	Volatiles SV	V-846 82	260B	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	her	110-75-8	N.D.		2.0	10	1
	2-Chloroethyl vinyl et preserve this sample.	her may r	not be recovered		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	Dichlorodifluoromethan	e	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	4.9	J	0.80	5.0	1
10335	trans-1,2-Dichloroethe	ne	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-Dichloroprop	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-Tetrachloroeth		630-20-6	N.D.		1.0	5.0	1
10335	1,1,2,2-Tetrachloroeth	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	3.2 J	J	1.0	5.0	1
10335	Trichlorofluoromethane		75-69-4	N.D.		2.0	5.0	1
10335	1,2,3-Trichloropropane		96-18-4	N.D.		1.0	5.0	1
10335	Vinyl Chloride		75-01-4	N.D.		1.0	5.0	1

General Sample Comments

State of New York Certification No. 10670



Analysis Report

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: 192475

2040 Cory Drive - Sanborn, NY

LL Sample # WW 7120728 LL Group # 1402575 Account # 12495

Project Name: BP Sanborn

Submitted: 07/09/2013 09:20

Reported: 07/12/2013 13:28

Collected: 07/08/2013 11:30 by RCB Atlantic Richfield(Parsons-NY)

BP Corporation

501 WestLake Park Blvd

Houston TX 77079

SBB42

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
10335	VOCs 8260 Parsons Specs	SW-846 8260B	1	Y131922AA	07/12/2013 02:05	Sarah A Guill	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	Y131922AA	07/12/2013 02:05	Sarah A Guill	1



Analysis Report

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: 192475

2040 Cory Drive - Sanborn, NY

LL Group # 1402575 Account # 12495

LL Sample # WW 7120729

Project Name: BP Sanborn

Submitted: 07/09/2013 09:20

Reported: 07/12/2013 13:28

Collected: 07/08/2013 10:55 by RCB Atlantic Richfield(Parsons-NY)

BP Corporation

501 WestLake Park Blvd

Houston TX 77079

SBB43

CAT No.	Analysis Name		CAS Number	As Rec Result	ceived	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 Eth	er	110-75-8	N.D.		2.0	10	1
	2-Chloroethyl vinyl ether preserve this sample.	er may	not be recovered	if acid	d 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	5.0		0.80	5.0	1
10335	trans-1,2-Dichloroethen	9	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-Dichloroprope	ne	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	ne	79-34-5	N.D.		1.0	5.0	1
10335	Tetrachloroethene		127-18-4	N.D.		0.80	5.0	1
10335	1,1,1-Trichloroethane		71-55-6	N.D.		0.80	5.0	1
10335	1,1,2-Trichloroethane		79-00-5	N.D.		0.80	5.0	1
10335	Trichloroethene		79-01-6	2.4	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	1.5	J	1.0	5.0	1

General Sample Comments

State of New York Certification No. 10670



Analysis Report

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: 192475

2040 Cory Drive - Sanborn, NY

LL Group # 1402575 Account # 12495

LL Sample # WW 7120729

Project Name: BP Sanborn

Submitted: 07/09/2013 09:20

Reported: 07/12/2013 13:28

Collected: 07/08/2013 10:55 by RCB Atlantic Richfield(Parsons-NY)

BP Corporation

501 WestLake Park Blvd

Houston TX 77079

SBB43

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
10335	VOCs 8260 Parsons Specs	SW-846 8260B	1	Y131922AA	07/12/2013 02:26	Sarah A Guill	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	Y131922AA	07/12/2013 02:26	Sarah A Guill	1



Analysis Report

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: 192475

2040 Cory Drive - Sanborn, NY

LL Sample # WW 7120730 LL Group # 1402575 Account # 12495

Project Name: BP Sanborn

Submitted: 07/09/2013 09:20

Reported: 07/12/2013 13:28

Collected: 07/08/2013 by RCB Atlantic Richfield(Parsons-NY)

BP Corporation

501 WestLake Park Blvd

Houston TX 77079

SBFD2

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit*	As Received Limit of Quantitation	Dilution Factor
GC/MS	Volatiles SW-846	8260B	ug/l	ug/l	ug/l	
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 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	8.1	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	10	0.80	5.0	1
10335	trans-1,2-Dichloroethene	156-60-5	N.D.	0.80	5.0	1
10335	1,2-Dichloropropane	78-87-5	N.D.	1.0	5.0	1
10335	cis-1,3-Dichloropropene	10061-01-5	N.D.	1.0	5.0	1
10335	trans-1,3-Dichloropropene	10061-02-6	N.D.	1.0	5.0	1
10335	Methylene Chloride	75-09-2	N.D.	2.0	5.0	1
10335	1,1,1,2-Tetrachloroethane	630-20-6	N.D.	1.0	5.0	1
10335	1,1,2,2-Tetrachloroethane	79-34-5	N.D.	1.0	5.0	1
10335	Tetrachloroethene	127-18-4	N.D.	0.80	5.0	1
10335	1,1,1-Trichloroethane	71-55-6	N.D.	0.80	5.0	1
10335	1,1,2-Trichloroethane	79-00-5	N.D.	0.80	5.0	1
10335	Trichloroethene	79-01-6	4.4 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	5.2	1.0	5.0	1

General Sample Comments

State of New York Certification No. 10670



Analysis Report

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: 192475

2040 Cory Drive - Sanborn, NY

LL Sample # WW 7120730 LL Group # 1402575 Account # 12495

Project Name: BP Sanborn

Submitted: 07/09/2013 09:20

Reported: 07/12/2013 13:28

Collected: 07/08/2013 by RCB Atlantic Richfield(Parsons-NY)

BP Corporation

501 WestLake Park Blvd

Houston TX 77079

SBFD2

Laboratory Samp	le Analysis	Record		
Trial# Ba	tch#	Analysis	Analyst	Dilu

CAT	Analysis Name	Method	Trial#	Batch#	Analysis		Analyst	Dilution
No.					Date and Tir	me		Factor
10335	VOCs 8260 Parsons Specs	SW-846 8260B	1	Y131922AA	07/12/2013	02:47	Sarah A Guill	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	Y131922AA	07/12/2013	02:47	Sarah A Guill	1



Analysis Report

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

Sample Description: PW-1 Water

BP Sanborn COC: 192475

2040 Cory Drive - Sanborn, NY

LL Group # 1402575 Account # 12495

LL Sample # WW 7120731

Project Name: BP Sanborn

Submitted: 07/09/2013 09:20

Reported: 07/12/2013 13:28

Collected: 07/08/2013 10:15 by RCB Atlantic Richfield(Parsons-NY)

BP Corporation

501 WestLake Park Blvd

Houston TX 77079

SBPW1

CAT No.	Analysis Name	CAS Number	As Receiv Result	As Received Method Detection I	1	As Received Limit of Quantitation	Dilution Factor
GC/MS	Volatiles SW-846	8260B	ug/l	ug/l	ι	ıg/l	
10335	Benzyl Chloride	100-44-7	N.D.	1.0		5.0	1
10335	Bromobenzene	108-86-1	N.D.	1.0	į	5.0	1
10335	Bromodichloromethane	75-27-4	N.D.	1.0	į	5.0	1
10335	Bromoform	75-25-2	N.D.	1.0	į	5.0	1
10335	Bromomethane	74-83-9	N.D.	1.0	Ţ	5.0	1
10335	Carbon Tetrachloride	56-23-5	N.D.	1.0	Ţ	5.0	1
10335	Chlorobenzene	108-90-7	N.D.	0.80	Ţ	5.0	1
10335	Chloroethane	75-00-3	N.D.	1.0	Ţ	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.	y not be recovered	l 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	2.6 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	1.5 J	0.80		5.0	1
10335	cis-1,2-Dichloroethene	156-59-2	260	0.80		5.0	1
10335	trans-1,2-Dichloroethene	156-60-5	2.0 J	0.80		5.0	1
10335	1,2-Dichloropropane	78-87-5	N.D.	1.0		5.0	1
10335	cis-1,3-Dichloropropene	10061-01-5	N.D.	1.0		5.0	1
10335	trans-1,3-Dichloropropene	10061-02-6	N.D.	1.0		5.0	1
10335	Methylene Chloride	75-09-2	N.D.	2.0		5.0	1
10335	1,1,1,2-Tetrachloroethane	630-20-6	N.D.	1.0		5.0	1
10335	1,1,2,2-Tetrachloroethane	79-34-5	N.D.	1.0		5.0	1
10335	Tetrachloroethene	127-18-4	N.D.	0.80		5.0	1
10335	1,1,1-Trichloroethane	71-55-6	1.1 J	0.80		5.0	1
10335	1,1,2-Trichloroethane	79-00-5	N.D.	0.80		5.0	1
10335 10335	Trichloroethene Trichlorofluoromethane	79-01-6 75-69-4	660 N. D.	10 2.0		50	10 1
10335			N.D.			5.0	1
10335	1,2,3-Trichloropropane Vinyl Chloride	96-18-4	N.D. 14	1.0		5.0	1
10335	vinyi chioride	75-01-4	14	1.0	:	5.0	1

General Sample Comments

State of New York Certification No. 10670



Analysis Report

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

Sample Description: PW-1 Water

BP Sanborn COC: 192475

2040 Cory Drive - Sanborn, NY

LL Group # 1402575 Account # 12495

LL Sample # WW 7120731

Project Name: BP Sanborn

Submitted: 07/09/2013 09:20

Reported: 07/12/2013 13:28

Collected: 07/08/2013 10:15 by RCB Atlantic Richfield(Parsons-NY)

BP Corporation

501 WestLake Park Blvd

Houston TX 77079

SBPW1

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	Y131922AA	07/12/2013 03:09	Sarah A Guill	1		
10335	VOCs 8260 Parsons Specs List	SW-846 8260B	1	Y131922AA	07/12/2013 03:30	Sarah A Guill	10		
01163 01163	GC/MS VOA Water Prep GC/MS VOA Water Prep	SW-846 5030B SW-846 5030B	1 2	Y131922AA Y131922AA	07/12/2013 03:09 07/12/2013 03:30	Sarah A Guill Sarah A Guill	1 10		

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



Analysis Report

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: 192475

2040 Cory Drive - Sanborn, NY

LL Group # 1402575 Account # 12495

LL Sample # WW 7120732

Project Name: BP Sanborn

Submitted: 07/09/2013 09:20

Reported: 07/12/2013 13:28

Collected: 07/08/2013 09:00 by RCB Atlantic Richfield(Parsons-NY)

BP Corporation

501 WestLake Park Blvd

Houston TX 77079

SBB17

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.	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 Ether	110-75-8	N.D.	4.0	20	2
	2-Chloroethyl vinyl ether may preserve this sample.	y not be recovered	l if acid was us	ed 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	76	2.0	10	2
10335	1,2-Dichloroethane	107-06-2	N.D.	2.0	10	2
10335	1,1-Dichloroethene	75-35-4	47	1.6	10	2
10335	cis-1,2-Dichloroethene	156-59-2	10,000	80	500	100
10335	trans-1,2-Dichloroethene	156-60-5	51	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-Dichloropropene	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-Tetrachloroethane	630-20-6	N.D.	2.0	10	2
10335	1,1,2,2-Tetrachloroethane	79-34-5	N.D.	2.0	10	2
10335	Tetrachloroethene	127-18-4	4.1 J	1.6	10	2
10335	1,1,1-Trichloroethane	71-55-6	14	1.6	10	2
10335	1,1,2-Trichloroethane	79-00-5	N.D.	1.6	10	2
10335	Trichloroethene	79-01-6	5,200	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	1,200	100	500	100

General Sample Comments

State of New York Certification No. 10670



Analysis Report

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: 192475

2040 Cory Drive - Sanborn, NY

LL Group # 1402575 Account # 12495

LL Sample # WW 7120732

Project Name: BP Sanborn

Submitted: 07/09/2013 09:20

Reported: 07/12/2013 13:28

Collected: 07/08/2013 09:00 by RCB Atlantic Richfield(Parsons-NY)

BP Corporation

501 WestLake Park Blvd

Houston TX 77079

SBB17

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	Y131922AA	07/12/2013 03:51	Sarah A Guill	2		
10335	VOCs 8260 Parsons Specs List	SW-846 8260B	1	Y131922AA	07/12/2013 06:19	Sarah A Guill	100		
01163 01163	GC/MS VOA Water Prep GC/MS VOA Water Prep	SW-846 5030B SW-846 5030B	1 2	Y131922AA Y131922AA	07/12/2013 03:51 07/12/2013 06:19	Sarah A Guill Sarah A Guill	2 100		



Analysis Report

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

Sample Description: B-44 Water

BP Sanborn COC: 192476

2040 Cory Drive - Sanborn, NY

LL Group # 1402575 Account # 12495

LL Sample # WW 7120733

Project Name: BP Sanborn

Submitted: 07/09/2013 09:20

Reported: 07/12/2013 13:28

Collected: 07/08/2013 10:30 by RCB Atlantic Richfield(Parsons-NY)

BP Corporation

501 WestLake Park Blvd

Houston TX 77079

SBB44

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit*	As Received Limit of Quantitation	Dilution Factor					
GC/MS	Volatiles SW-846	8260B	ug/l	ug/l	ug/l						
10335	Benzyl Chloride	100-44-7	N.D.	1.0	5.0	1					
10335	Bromobenzene	108-86-1	N.D.	1.0	5.0	1					
10335	Bromodichloromethane	75-27-4	N.D.	1.0	5.0	1					
10335	Bromoform	75-25-2	N.D.	1.0	5.0	1					
10335	Bromomethane	74-83-9	N.D.	1.0	5.0	1					
10335	Carbon Tetrachloride	56-23-5	N.D.	1.0	5.0	1					
10335	Chlorobenzene	108-90-7	N.D.	0.80	5.0	1					
10335	Chloroethane	75-00-3	N.D.	1.0	5.0	1					
10335	2-Chloroethyl Vinyl Ether	110-75-8	N.D.	2.0	10	1					
	2-Chloroethyl vinyl ether may not be recovered if acid was used to preserve this sample.										
10335	Chloroform	67-66-3	N.D.	0.80	5.0	1					
10335	Chloromethane	74-87-3	N.D.	1.0	5.0	1					
10335	Dibromochloromethane	124-48-1	N.D.	1.0	5.0	1					
10335	Dibromomethane	74-95-3	N.D.	1.0	5.0	1					
10335	1,2-Dichlorobenzene	95-50-1	N.D.	1.0	5.0	1					
10335	1,3-Dichlorobenzene	541-73-1	N.D.	1.0	5.0	1					
10335	1,4-Dichlorobenzene	106-46-7	N.D.	1.0	5.0	1					
10335	Dichlorodifluoromethane	75-71-8	N.D.	2.0	5.0	1					
10335	1,1-Dichloroethane	75-34-3	7.7	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	10	0.80	5.0	1					
10335	trans-1,2-Dichloroethene	156-60-5	N.D.	0.80	5.0	1					
10335	1,2-Dichloropropane	78-87-5	N.D.	1.0	5.0	1					
10335	cis-1,3-Dichloropropene	10061-01-5	N.D.	1.0	5.0	1					
10335	trans-1,3-Dichloropropene	10061-02-6	N.D.	1.0	5.0	1					
10335	Methylene Chloride	75-09-2	N.D.	2.0	5.0	1					
10335	1,1,1,2-Tetrachloroethane	630-20-6	N.D.	1.0	5.0	1					
10335	1,1,2,2-Tetrachloroethane	79-34-5	N.D.	1.0	5.0	1					
10335	Tetrachloroethene	127-18-4	N.D.	0.80	5.0	1					
10335	1,1,1-Trichloroethane	71-55-6	N.D.	0.80	5.0	1					
10335	1,1,2-Trichloroethane	79-00-5	N.D.	0.80	5.0	1					
10335	Trichloroethene	79-01-6	4.5 J	1.0	5.0	1					
10335	Trichlorofluoromethane	75-69-4	N.D.	2.0	5.0	1					
10335	1,2,3-Trichloropropane	96-18-4	N.D.	1.0	5.0	1					
10335	Vinyl Chloride	75-01-4	5.1	1.0	5.0	1					

General Sample Comments

State of New York Certification No. 10670



Analysis Report

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

Sample Description: B-44 Water

BP Sanborn COC: 192476

2040 Cory Drive - Sanborn, NY

LL Group # 1402575 Account # 12495

LL Sample # WW 7120733

Project Name: BP Sanborn

Submitted: 07/09/2013 09:20

Reported: 07/12/2013 13:28

Collected: 07/08/2013 10:30 by RCB Atlantic Richfield(Parsons-NY)

BP Corporation

501 WestLake Park Blvd

Houston TX 77079

SBB44

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
10335	VOCs 8260 Parsons Specs List	SW-846 8260B	1	Y131922AA	07/12/2013 04:33	Sarah A Guill	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	Y131922AA	07/12/2013 04:33	Sarah A Guill	1



Analysis Report

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

Sample Description: B-19 Water

BP Sanborn COC: 192476

2040 Cory Drive - Sanborn, NY

LL Group # 1402575 Account # 12495

LL Sample # WW 7120734

Project Name: BP Sanborn

Submitted: 07/09/2013 09:20

Reported: 07/12/2013 13:28

Collected: 07/08/2013 14:05 by RCB Atlantic Richfield(Parsons-NY)

BP Corporation

501 WestLake Park Blvd

Houston TX 77079

SBB19

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 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	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	2.9 J	0.80	5.0	1
10335	trans-1,2-Dichloroethene	156-60-5	N.D.	0.80	5.0	1
10335	1,2-Dichloropropane	78-87-5	N.D.	1.0	5.0	1
10335	cis-1,3-Dichloropropene	10061-01-5	N.D.	1.0	5.0	1
10335	trans-1,3-Dichloropropene	10061-02-6	N.D.	1.0	5.0	1
10335	Methylene Chloride	75-09-2	N.D.	2.0	5.0	1
10335	1,1,1,2-Tetrachloroethane	630-20-6	N.D.	1.0	5.0	1
10335	1,1,2,2-Tetrachloroethane	79-34-5	N.D.	1.0	5.0	1
10335	Tetrachloroethene	127-18-4	N.D.	0.80	5.0	1
10335	1,1,1-Trichloroethane	71-55-6	N.D.	0.80	5.0	1
10335	1,1,2-Trichloroethane	79-00-5	N.D.	0.80	5.0	1
10335	Trichloroethene	79-01-6	N.D.	1.0	5.0	1
10335	Trichlorofluoromethane	75-69-4	N.D.	2.0	5.0	1
10335	1,2,3-Trichloropropane	96-18-4	N.D.	1.0	5.0	1
10335	Vinyl Chloride	75-01-4	N.D.	1.0	5.0	1

General Sample Comments

State of New York Certification No. 10670



Analysis Report

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

Sample Description: B-19 Water

BP Sanborn COC: 192476

2040 Cory Drive - Sanborn, NY

LL Group # 1402575 Account # 12495

LL Sample # WW 7120734

Project Name: BP Sanborn

Submitted: 07/09/2013 09:20

Reported: 07/12/2013 13:28

Collected: 07/08/2013 14:05 by RCB Atlantic Richfield(Parsons-NY)

BP Corporation

501 WestLake Park Blvd

Houston TX 77079

SBB19

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
10335	VOCs 8260 Parsons Specs List	SW-846 8260B	1	Y131922AA	07/12/2013 04:54	Sarah A Guill	1
01163		SW-846 5030B	1	Y131922AA	07/12/2013 04:54	Sarah A Guill	1



Analysis Report

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

Sample Description: B-4 Water

BP Sanborn COC: 192476

2040 Cory Drive - Sanborn, NY

LL Group # 1402575 Account # 12495

LL Sample # WW 7120735

Project Name: BP Sanborn

Submitted: 07/09/2013 09:20

Reported: 07/12/2013 13:28

Collected: 07/08/2013 14:35 by RCB Atlantic Richfield(Parsons-NY)

BP Corporation

501 WestLake Park Blvd

Houston TX 77079

SB-B4

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	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.		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	1.3	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	0.81	J	0.80	5.0	1
10335	cis-1,2-Dichloroethene	156-59-2	89		0.80	5.0	1
10335	trans-1,2-Dichloroethene	156-60-5	5.0		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	28		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	10		1.0	5.0	1

General Sample Comments

State of New York Certification No. 10670



Analysis Report

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Sample Description: B-4 Water

BP Sanborn COC: 192476

2040 Cory Drive - Sanborn, NY

LL Group # 1402575 Account # 12495

LL Sample # WW 7120735

Project Name: BP Sanborn

Submitted: 07/09/2013 09:20

Reported: 07/12/2013 13:28

Collected: 07/08/2013 14:35 by RCB Atlantic Richfield(Parsons-NY)

BP Corporation

501 WestLake Park Blvd

Houston TX 77079

SB-B4

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
10335	VOCs 8260 Parsons Specs List	SW-846 8260B	1	Y131922AA	07/12/2013 05:15	Sarah A Guill	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	Y131922AA	07/12/2013 05:15	Sarah A Guill	1



Analysis Report

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Quality Control Summary

Client Name: Atlantic Richfield(Parsons-NY) Group Number: 1402575

Reported: 07/12/13 at 01:28 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>LOO</u>	Report <u>Units</u>	LCS %REC	LCSD %REC	LCS/LCSD <u>Limits</u>	RPD	RPD Max
Batch number: Y131922AA	Sample num	ber(s): 7	120723-712	20735					
Benzyl Chloride	N.D.	1.0	5.0	uq/l	82		49-120		
Bromobenzene	N.D.	1.0	5.0	uq/l	94		80-120		
Bromodichloromethane	N.D.	1.0	5.0	uq/l	99		73-120		
Bromoform	N.D.	1.0	5.0	uq/l	90		61-120		
Bromomethane	N.D.	1.0	5.0	uq/l	75		51-120		
Carbon Tetrachloride	N.D.	1.0	5.0	ug/l	101		65-137		
Chlorobenzene	N.D.	0.80	5.0	ug/l	99		80-120		
Chloroethane	N.D.	1.0	5.0	ug/l	78		60-120		
2-Chloroethyl Vinyl Ether	N.D.	2.0	10	uq/l	78		52-127		
Chloroform	N.D.	0.80	5.0	ug/l	99		77-122		
Chloromethane	N.D.	1.0	5.0	uq/l	94		54-123		
Dibromochloromethane	N.D.	1.0	5.0	ug/l	94		72-120		
Dibromomethane	N.D.	1.0	5.0	ug/l	91		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	96		80-120		
1,4-Dichlorobenzene	N.D.	1.0	5.0	ug/l	98		80-120		
Dichlorodifluoromethane	N.D.	2.0	5.0	uq/l	77		35-122		
1,1-Dichloroethane	N.D.	1.0	5.0	ug/l	96		79-120		
1,2-Dichloroethane	N.D.	1.0	5.0	ug/l	107		64-130		
1,1-Dichloroethene	N.D.	0.80	5.0	ug/l	98		76-124		
cis-1,2-Dichloroethene	N.D.	0.80	5.0	ug/l	94		80-120		
trans-1,2-Dichloroethene	N.D.	0.80	5.0	ug/l	100		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	95		78-120		
trans-1,3-Dichloropropene	N.D.	1.0	5.0	ug/l	97		66-124		
Methylene Chloride	N.D.	2.0	5.0	ug/l	106		84-118		
1,1,1,2-Tetrachloroethane	N.D.	1.0	5.0	ug/l	99		79-120		
1,1,2,2-Tetrachloroethane	N.D.	1.0	5.0	ug/l	93		70-129		
Tetrachloroethene	N.D.	0.80	5.0	ug/l	99		79-120		
1,1,1-Trichloroethane	N.D.	0.80	5.0	ug/l	92		66-126		
1,1,2-Trichloroethane	N.D.	0.80	5.0	ug/l	96		80-120		
Trichloroethene	N.D.	1.0	5.0	ug/l	99		80-120		
Trichlorofluoromethane	N.D.	2.0	5.0	ug/l	88		65-130		
1,2,3-Trichloropropane	N.D.	1.0	5.0	ug/l	91		76-120		
Vinyl Chloride	N.D.	1.0	5.0	ug/l	90		63-120		

Sample Matrix Quality Control

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

*- 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.



Analysis Report

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Quality Control Summary

Client Name: Atlantic Richfield(Parsons-NY) Group Number: 1402575

Reported: 07/12/13 at 01:28 PM

Sample Name		MS	MSD	MS/MSD		RPD	BKG	DUP	DUP	Dup RPD
Benzyl Chloride	Analysis Name	%REC	%REC	<u>Limits</u>	RPD	<u>MAX</u>	Conc	Conc	RPD	<u>Max</u>
Bromobenzene 100 90 82-115 10 30 Bromoform 91 79 48-118 14 30 Bromomethane 106 93 78-125 13 30 Bromomethane 74 74 47-129 0 30 Carbon Tetrachloride 120 104 72-135 14 30 Chlorobenzene 107 94 87-124 13 30 Chlorothane 80 82 51-145 2 30 2-Chloroethyl Vinyl Ether 75 71 10-151 6 30 Chloromethane 110 96 81-134 13 30 Chloromethane 108 106 46-137 2 30 Dibromomethane 97 86 74-116 12 30 Dibromomethane 97 86 74-116 12 30 Dibromomethane 97 86 74-116 12 30 1,2-Dichlorobenzene 102 92 84-119 15 30 1,4-Dichlorobenzene 103 92 86-121 11 30 1,4-Dichlorothane 104 94 85-121 11 30 1,1-Dichlorothane 122 117 84-129 2 30 1,1-Dichlorothane 112 99 68-131 12 30 1,1-Dichlorothane 116 105 75-155 8 30 1,2-Dichloropapae 105 94 83-124 12 30 1,1-Dichloropapae 105 94 83-124 12 30 1,1,1,2-Tetrachlorothane 106 92 74-136 14 30 1,1,1,2-Tetrachlorothane 107 95 69-140 10 30 1,1,2-Trichlorothane 107 97 64-146 1 30 1,2,3-Trichlorothane 107 97 64-146 1 30 Trichlorothane 107 97 64-146 1 30 Trichlorothane 421 20 20 20 30 Trichlorothane 107 97 64-146 1 30 Trichlorothane 421 20 20 20 30 Trichlorothane 421 20 20 30 Trichlorothane 421 20 20 30 Trichlorothane 421 20 20 30 Trichlorothane 421 20 20 30 Trichlorothane 421 20 20 30 Trichlorothane 421 20 20 30 Trichlorothane 421 20 20 30 Trichlorothane 421 20 20 30 Trichlorothane 421 20 20 30 Trichlorothane 421 20 20 30 Trichlorothane 421 20 20 30 Trichlorothane 421 20 20 30 Trichlorothane 421 20 20 30 Trichlorothane 421 20 30 Trichlorothane 421 20 3	Batch number: Y131922AA	Sample 1	number(s)	: 7120723	-712073	5 UNSP	K: 7120723			
Bromodichloromethane 106 93 78-125 13 30 Bromomethane 74 74 47-129 0 30 Carbon Tetrachloride 120 104 72-135 14 30 Chlorobenzene 107 94 87-124 13 30 Chloroethane 80 82 51-145 2 30 Chloroethane 108 106 46-137 2 30 Chloromethane 108 106 46-137 2 30 Dibromomethane 97 86 74-116 12 30 Dibromomethane 97 86 74-116 12 30 Dibromomethane 97 84 83-119 15 30 1,3-Dichlorobenzene 103 92 86-121 11 30 1,4-Dichloromethane 93 92 52-129 1 30 1,1-Dichloroethane 112 99 68-131 12 30 1,1-Dichloroethane 116 105 75-155 8 30 1,2-Dichloroethene 116 105 75-155 8 30 cis-1,2-Dichloropopane 105 94 83-124 12 30 ctrans-1,2-Dichloropopane 105 94 83-124 12 30 Methylene Chloride 109 95 78-133 14 30 1,1,1-Trichloroethane 107 95 69-140 10 30 1,1,1-Trichloroethane 107 95 69-140 10 30 1,2,2-Tetrachloroethane 107 95 69-140 10 30 1,1,2-Trichloroethane 107 95 69-140 10 30	Benzyl Chloride	83	74	42-131	12					
Bromoform 91 79 48-118 14 30 Bromomethane 74 74 47-129 0 30 Carbon Tetrachloride 120 104 72-335 14 30 Chloroethane 80 82 51-145 2 30 Chloroethyl Vinyl Ether 75 71 10-151 6 30 Chloromethane 108 106 46-137 2 30 Chloromethane 97 86 74-116 12 30 Dibromochloromethane 97 84 83-119 15 30 1,3-Dichlorobenzene 102 92 84-119 10 30 1,3-Dichlorobenzene 104 94 85-121 10 30 1,4-Dichlorobenzene 104 94 85-121 10 30 1,1-Dichloroethane 122 117 84-129 2 30 1,2-Dichloroethane 122 17 84-129 2 30	Bromobenzene	100	90	82-115	10	30				
Bromomethane										
Carbon Tetrachloride	Bromoform			48-118	14					
Chlorobenzene		74	74	47-129	0					
Chloroethane 80 82 51-145 2 30 2-Chloroethyl Vinyl Ether 75 71 10-151 6 30 Chloromethane 108 106 46-137 2 30 Dibromochloromethane 97 86 74-116 12 30 Dibromomethane 97 84 83-119 15 30 1,2-Dichlorobenzene 102 92 84-119 10 30 1,3-Dichlorobenzene 103 92 86-121 11 30 1,4-Dichlorobenzene 104 94 85-121 10 30 1,1-Dichloroethane 93 92 52-129 1 30 1,1-Dichloroethane 112 99 68-131 12 30 1,1-Dichloroethane 112 99 68-131 12 30 1,2-Dichloroethane 112 99 68-131 12 30 1,2-Dichloroethane 113 102 81-142 9 30 1,2-Dichloropence 106 113 102 81-142 9 30 cis-1,2-Dichloropence 113 102 81-142 9 30 cis-1,3-Dichloropence 105 94 83-124 12 30 cis-1,3-Dichloropropene 105 94 83-124 12 30 cis-1,3-Dichloropropene 105 94 83-124 12 30 cis-1,3-Dichloropropene 102 91 74-119 11 30 methylene Chloride 109 95 78-133 14 30 1,1,1,2-Tetrachloroethane 106 92 74-136 14 30 1,1,1,2-Tetrachloroethane 107 95 69-140 10 30 Tetrachloroethane 107 95 69-140 10 30 Trichlorofuloromethane 107 95 69-140 10 30 Trichloroethane 107 95 69-140 10 30 Trichloroethane 101 90 71-141 12 30 Trichloroethane 107 95 69-140 10 30 Trichloroethane 97 97 64-146 1 30 Trichloroethane 97 97 64-146 1 30 Trichloroethane 97 97 64-146 1 30 Trichloropropapane 92 82 76-118 11 30	Carbon Tetrachloride	120	104	72-135	14					
2-Chloroethyl Vinyl Ether 75 71 10-151 6 30 Chloroform 110 96 81-134 13 30 Chloromethane 108 106 46-137 2 30 Dibromochloromethane 97 86 74-116 12 30 Dibromochloromethane 97 86 74-116 12 30 Dibromochloromethane 97 84 83-119 15 30 1,2-Dichlorobenzene 102 92 84-119 10 30 1,3-Dichlorobenzene 103 92 86-121 1 30 1,4-Dichlorobenzene 104 94 85-121 10 30 Dichlorodifluoromethane 93 92 52-129 1 30 Dichlorodifluoromethane 112 99 68-131 12 30 1,1-Dichloroethane 112 99 68-131 12 30 1,1-Dichloroethane 116 105 75-155 8 30 Cis-1,2-Dichloroethene 116 105 75-155 8 30 Cis-1,2-Dichloroethene 113 102 81-142 9 30 1,2-Dichloropropane 105 94 83-124 12 30 1,2-Dichloropropane 105 94 83-124 12 30 1,2-Dichloropropane 105 94 83-124 12 30 1,2-Dichloropropane 105 94 83-124 12 30 1,2-Dichloropropane 105 94 83-124 12 30 1,2-Dichloropropane 105 94 83-124 12 30 1,2-Dichloropropane 105 94 83-124 12 30 1,2-Dichloropropane 105 94 83-124 12 30 1,2-Dichloropropane 105 94 83-124 12 30 1,2-Dichloropropane 105 94 83-124 12 30 1,2-Dichloropropane 105 94 83-124 12 30 1,2-Dichloropropane 105 94 83-124 12 30 1,2-Dichloropropane 105 94 83-124 12 30 1,2-Dichloropropane 105 94 83-124 12 30 1,2-Dichloropropane 105 94 83-124 12 30 1,2-Dichloropropane 105 94 83-124 12 30 1,2-Dichloropropane 105 94 83-124 12 30 1,2-Dichloropropane 105 95 78-133 14 30 1,1,2-Tetrachloroethane 106 92 74-136 14 30 1,1,2-Tetrachloroethane 107 95 69-140 10 30 1,1,2-Tetrachloroethane 107 95 69-140 10 30 1,1,2-Tetrachloroethane 107 95 69-140 10 30 1,1,2-Tetrachloroethane 107 95 69-140 10 30 1,1,2-Tetrachloroethane 107 95 69-140 10 30 1,1,2-Tetrachloroethane 107 95 69-140 10 30 1,1,2-Tetrachloroethane 107 95 69-140 10 30 1,1,2-Tetrachloroethane 107 95 69-140 10 30 11,1,2-Tetrachloroethane 107 95 69-140 10 30 10-140-140 10 10	Chlorobenzene		94	87-124	13					
Chloroform 110 96 81-134 13 30 Chloromethane 108 106 46-137 2 30 Dibromochloromethane 97 86 74-116 12 30 Dibromochloromethane 97 84 83-119 15 30 1,2-Dichlorobenzene 102 92 86-121 11 30 1,3-Dichlorobenzene 104 94 85-121 10 30 Dichlorodifluoromethane 93 92 52-129 1 30 1,1-Dichloroethane 122 117 84-129 2 30 1,2-Dichloroethane 112 99 68-131 12 30 1,1-Dichloroethene 186 105 75-155 8 30 cis-1,2-Dichloroethene 116 105 75-155 8 30 cis-1,2-Dichloropropane 105 94 83-124 12 30 trans-1,3-Dichloropropene 99 88 70-116	Chloroethane	80	82	51-145	2	30				
Chloromethane 108 106 46-137 2 30 Dibromochloromethane 97 86 74-116 12 30 Dibromomethane 97 84 83-119 15 30 1,2-Dichlorobenzene 102 92 84-119 10 30 1,3-Dichlorobenzene 103 92 86-121 11 30 1,4-Dichlorobenzene 104 94 85-121 10 30 1,1-Dichloroethane 122 117 84-129 2 30 1,2-Dichloroethane 112 99 68-131 12 30 1,1-Dichloroethane 116 105 75-155 8 30 cis-1,2-Dichloroethene 388 (2) 496 (2) 80-141 4 30 trans-1,2-Dichloropropane 105 94 83-124 12 30 cis-1,3-Dichloropropane 105 94 83-124 12 30 rans-1,3-Dichloropropene 102 91 74-119 11 30 trans-1,2-Dichlorofloropropene	2-Chloroethyl Vinyl Ether	75		10-151	6					
Dibromochloromethane 97 86 74-116 12 30 Dibromomethane 97 84 83-119 15 30 1,2-Dichlorobenzene 102 92 84-119 10 30 1,3-Dichlorobenzene 103 92 86-121 11 30 1,4-Dichlorobenzene 104 94 85-121 10 30 Dichlorodifluoromethane 93 92 52-129 1 30 1,1-Dichloroethane 122 117 84-129 2 30 1,2-Dichloroethane 112 99 68-131 12 30 1,1-Dichloroethene 116 105 75-155 8 30 cis-1,2-Dichloroethene 113 102 81-142 9 30 1,2-Dichloropropane 105 94 83-124 12 30 cis-1,3-Dichloropropene 99 88 70-116 12 30 trans-1,3-Dichloropropene 99 88 70-116 <td></td> <td></td> <td></td> <td>81-134</td> <td>13</td> <td></td> <td></td> <td></td> <td></td> <td></td>				81-134	13					
Dibromomethane 97 84 83-119 15 30 1,2-Dichlorobenzene 102 92 84-119 10 30 1,3-Dichlorobenzene 103 92 86-121 11 30 1,4-Dichlorobenzene 104 94 85-121 10 30 Dichlorodifluoromethane 93 92 52-129 1 30 1,1-Dichloroethane 112 99 68-131 12 30 1,2-Dichloroethane 112 99 68-131 12 30 1,1-Dichloroethene 116 105 75-155 8 30 1,1-Dichloroethene 116 105 75-155 8 30 1,1-Dichloroethene 113 102 80-141 4 30 1,1-Dichloropropane 105 94 83-124 12 30 1,2-Dichloropropane 105 94 83-124 12 30 1,2-Dichloropropane 105 94 83-124 12 30 1,1-Dichloropropane 105 91 74-119 11 30 1,1,1-Dichloropropane 109 95 78-133 14 30 1,1,1,2-Tetrachloroethane 106 92 74-136 14 30 1,1,1,2-Tetrachloroethane 106 92 74-136 14 30 1,1,1-Dichloropropane 107 95 69-140 10 30 1,1,1-Trichloroethane 107 95 69-140 10 30 1,1,1-Trichloroethane 107 95 69-140 10 30 1,1,1-Trichloroethane 107 95 69-140 10 30 1,1,2-Trichloroethane 101 90 71-141 12 30 Trichlorofluoromethane 97 97 64-146 1 30 Trichlorofluoromethane 97 97 97 64-146 1 30 Trichloropropane 92 82 76-118 11 30	Chloromethane	108	106	46-137	2	30				
1,2-Dichlorobenzene 102 92 84-119 10 30 1,3-Dichlorobenzene 103 92 86-121 11 30 Dichlorodifluoromethane 104 94 85-121 10 30 Dichlorodifluoromethane 93 92 52-129 1 30 1,1-Dichloroethane 112 99 68-131 12 30 1,2-Dichloroethane 116 105 75-155 8 30 cis-1,2-Dichloroethene 138 (2) 496 (2) 80-141 4 30 trans-1,2-Dichloropropane 105 94 83-124 12 30 cis-1,3-Dichloropropane 105 94 83-124 12 30 trans-1,3-Dichloropropene 99 88 70-116 12 30 trans-1,3-Dichloropropene 102 91 74-119 11 30 Methylene Chloride 109 95 78-133 14 30 1,1,2-Tetrachloroethane 106 92 74-136 14 30 1,1,1-Tri	Dibromochloromethane	97	86	74-116	12	30				
1,3-Dichlorobenzene 103 92 86-121 11 30 1,4-Dichlorobenzene 104 94 85-121 10 30 Dichlorodifiluoromethane 93 92 52-129 1 30 1,1-Dichloroethane 112 117 84-129 2 30 1,2-Dichloroethane 116 105 75-155 8 30 cis-1,2-Dichloroethene 116 105 75-155 8 30 cis-1,2-Dichloroethene 113 102 81-142 9 30 1,2-Dichloropropane 105 94 83-124 12 30 cis-1,3-Dichloropropane 105 94 83-124 12 30 cis-1,3-Dichloropropene 99 88 70-116 12 30 trans-1,3-Dichloropropene 102 91 74-119 11 30 Methylene Chloride 109 95 78-133 14 30 1,1,1,2-Tetrachloroethane 106 92 74-136 14 30 1,1,2,2-Tetrachloroethane 106 92 74-136 14 30 1,1,1,2-Tetrachloroethane 107 95 69-140 10 30 1,1,1-Trichloroethane 107 95 69-140 10 30 1,1,1-Trichloroethane 107 95 69-140 10 30 Trichlorofluoromethane 107 95 69-140 10 30 Trichlorofluoromethane 97 97 64-146 1 30 Trichlorofluoromethane 97 97 64-146 1 30 Trichlorofluoromethane 97 97 64-146 1 30 Trichloropropane 92 82 76-118 11 30	Dibromomethane	97	84	83-119	15					
1,4-Dichlorobenzene	1,2-Dichlorobenzene	102	92	84-119	10	30				
Dichlorodifluoromethane 93 92 52-129 1 30 1,1-Dichloroethane 122 117 84-129 2 30 1,2-Dichloroethane 112 99 68-131 12 30 1,1-Dichloroethene 116 105 75-155 8 30 cis-1,2-Dichloroethene 113 102 81-142 9 30 1,2-Dichloropropane 105 94 83-124 12 30 cis-1,3-Dichloropropene 99 88 70-116 12 30 trans-1,3-Dichloropropene 102 91 74-119 11 30 Methylene Chloride 109 95 78-133 14 30 1,1,2-Tetrachloroethane 106 92 74-136 14 30 1,1,2-Tetrachloroethane 107 95 69-140 10 30 1,1,2-Trichloroethane 107 95 69-140 10 30 1,1,2-Trichloroethane 421 (2)	1,3-Dichlorobenzene	103	92	86-121	11	30				
1,1-Dichloroethane 122 117 84-129 2 30 1,2-Dichloroethane 112 99 68-131 12 30 1,1-Dichloroethene 116 105 75-155 8 30 cis-1,2-Dichloroethene 116 105 75-155 8 30 cis-1,2-Dichloroethene 113 102 81-142 9 30 1,2-Dichloropropane 105 94 83-124 12 30 cis-1,3-Dichloropropene 99 88 70-116 12 30 cis-1,3-Dichloropropene 102 91 74-119 11 30 Methylene Chloride 109 95 78-133 14 30 1,1,2-Tetrachloroethane 106 92 74-136 14 30 1,1,2-Tetrachloroethane 92 82 72-128 11 30 Tetrachloroethene 117 104 80-128 11 30 1,1,1-Trichloroethane 107 95 69-140 10 30 1,1,2-Trichloroethane 101 90 71-141 12 30 Trichloroethene 421 (2) 528 (2) 88-133 3 30 Trichloroethene 421 (2) 528 (2) 88-133 3 30 Trichloroethoropropane 92 82 76-118 11 30				85-121	10					
1,2-Dichloroethane 112 99 68-131 12 30 1,1-Dichloroethene 116 105 75-155 8 30 cis-1,2-Dichloroethene 388 (2) 496 (2) 80-141 4 30 trans-1,2-Dichloroethene 113 102 81-142 9 30 1,2-Dichloropropane 105 94 83-124 12 30 cis-1,3-Dichloropropene 99 88 70-116 12 30 trans-1,3-Dichloropropene 102 91 74-119 11 30 Methylene Chloride 109 95 78-133 14 30 1,1,1,2-Tetrachloroethane 106 92 74-136 14 30 1,1,2,2-Tetrachloroethane 106 92 72-128 11 30 Tetrachloroethene 117 104 80-128 11 30 1,1,2-Trichloroethane 107 95 69-140 10 30 1,1,2-Trichloroethane 101 90 71-141 12 30 Trichloroethene 421	Dichlorodifluoromethane	93	92	52-129	1	30				
1,1-Dichloroethene				84-129						
cis-1,2-Dichloroethene 388 (2) 496 (2) 80-141 4 30 trans-1,2-Dichloroethene 113 102 81-142 9 30 1,2-Dichloropropane 105 94 83-124 12 30 cis-1,3-Dichloropropene 99 88 70-116 12 30 trans-1,3-Dichloropropene 102 91 74-119 11 30 Methylene Chloride 109 95 78-133 14 30 1,1,1,2-Tetrachloroethane 106 92 74-136 14 30 1,1,2,2-Tetrachloroethane 92 82 72-128 11 30 Tetrachloroethene 117 104 80-128 11 30 1,1,1-Trichloroethane 107 95 69-140 10 30 1,1,2-Trichloroethane 101 90 71-141 12 30 Trichloroethene 421 (2) 528 (2) 88-133 3 30 Trichlorofluoromethane 97 97 64-146 1 30 1,2,3-Trichloropropane 92 82 76-118 11 30		112	99	68-131	12					
trans-1,2-Dichloroethene 113 102 81-142 9 30 1,2-Dichloropropane 105 94 83-124 12 30 cis-1,3-Dichloropropene 99 88 70-116 12 30 trans-1,3-Dichloropropene 102 91 74-119 11 30 Methylene Chloride 109 95 78-133 14 30 1,1,2-Tetrachloroethane 106 92 74-136 14 30 1,1,2,2-Tetrachloroethane 92 82 72-128 11 30 Tetrachloroethene 117 104 80-128 11 30 1,1,1-Trichloroethane 107 95 69-140 10 30 1,1,2-Trichloroethane 101 90 71-141 12 30 Trichloroethene 421 (2) 528 (2) 88-133 3 30 Trichloroptopropane 92 82 76-118 11 30	1,1-Dichloroethene	116	105	75-155	8	30				
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Vinyl Chloride 94 98 66-133 2 30										
	Vinyl Chloride	94	98	66-133	2	30				

Surrogate Quality Control

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

Analysis Name: PPL + Xylene (total) by 8260

Batch number: Y131922AA

	Dibromofluoromethane	1,2-Dichloroethane-d4	Toluene-d8	4-Bromofluorobenzene	
7120723	93	91	93	85	
7120724	91	93	94	90	
7120725	91	89	94	90	
7120726	92	92	92	85	
7120727	91	91	92	85	
7120728	92	92	91	85	

- *- 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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Environmental

Page 3 of 3

Quality Control Summary

		antic Richfield	(Parsons-NY)		Group Number: 1402575
Reporte	ed: 07/12/2	13 at 01:28 PM			
_			Surrogate	Quality	Control
7120729	91	91	91	84	
7120730	94	91	91	85	
7120731	93	91	93	85	
7120732	95	92	93	84	
7120733	94	91	92	85	
7120734	94	93	91	84	
7120735	94	93	91	84	
Blank	90	91	92	85	
LCS	90	89	93	90	
MS	91	93	94	90	
MSD	91	89	94	90	
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.

Atlantic Laboratory Management Program LaMP Chain of Custody Record 192475 Page ____ of 2____ Rush TAT: Yes ____ No Richfield BP/ARC Project Name: BP, Sanborn, W Req Due Date (mm/dd/yy): Company **BP/ARC Facility No:** Lab Work Order Number: A BP affiliated company Consultant/Contractor: Pursons ab Name: BP/ARC Facility Address: 2046 Cory Dc. City, State, ZIP Code: Sanborn, WY 14132 Consultant/Contractor Project No: Address: 46 Co Riviere D. Suite 350, Buffelb, W1420 1 Lab Phone (117) 666-2300 Consultant/Contractor PM: George Hermonce California Global ID No.: Lab Shipping Accent: Enfos Proposal No: DOOR4 - OOO4 Lab Bottle Order No: 141514 Accounting Mode: /() Provision OOC-BU OOC-RM Email EDD To: Other Info: Stage: 60 Activity: 🔀] BP/ARC 🗸 Invoice To: Contractor Bill Barber BP/ARC EBM: Matrix No. Containers / Preservative **Requested Analyses** Report Type & QC Level (216) 271.8038 EBM Phone: Standard ___ EBM Email: Full Data Package _ ಕ Water / Liquid Total Number Lab Unpreserved Sample Description Date Time Soil / Solid No. Air / Vapor Comments Methanol H₂SO₄ Note: If sample not collected, indicate "No 호 Sample" in comments and single-strike out and initial any preprinted sample description. B-13 7/2/13 1320 B-13 MJ 3 B-13 MSD 3 1205 200 B-42 130 1054 1015 000 Sampler's Name: Relinquished By / Affiliation Date Time Accepted By / Affiliation Date Time Sampler's Company: Du Exterprises Wc. 6+m Ship Date: 7/8/13 Shipment Method: Shipment Tracking No. Sol 301773523 7/9/13 2920 Special Instructions: THIS LINE - LAB USE ONLY: Custody Seals in Place: Yes No Temp Blank: (es) / No Cooler Temp on Receipt: Trip Blank: (es)/ No MS/MSD Sample Submitted: Xes / No

Atlantic Laboratory Management Program LaMP Chain of Cus Richfield BP/ARC Project Name: BP, Southarn, WY Req Dur

of Custody Record	192476
Req Due Date (mm/dd/yy):	

Page	2_{of}	2	
Rush TAT: Yes	No	1	

A BP affiliated company	BP/ARC Fa	cility No:										La	ab Wo	rk Orde	r Num	nber:							
Lab Name: Cancaster Labs			BP/A	ARC F	acility A	Addres	s: 2	ou	Co	M	کہ				С	onsultar	nt/Contra	ctor:	200	5045	<u> </u>		7
Lab Address: 2425 New follow	Pike Laucaste	1.PA 1760	į City,	State	, ZIP C	ode: '	کی	mbz	m	į	Y 1	4132	-		С	onsultar	nt/Contra						1
Lab PM: Kartlin Plasterer		, 			ulatory				'S D	• •					A	ddress:	40/	Quio	m Do	· Site 250,	B.C.L	W 1420)	<u>.</u>
Lab Phone: 117 656 - 2300			Calif	ornia	Global	D No.:									C	onsultar	nt/Contra	ctor PM	- C. 10	orge Herm	1.10	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	1
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Lab Bottle Order No: 141514			Acco	unting	g Mode	10		ovision			C-BU	c	OC-RI	М	Er	mail EDI	D To: (201	- 4	Weber	-		1
Other Info:			Stag		<u></u> Ь0		A	ctivity	8)			·			voice To		BP/AF		Contract	or		l
BP/ARC EBM: Bill Barber				Matrix No. Containers / Preservative Requested Analyses						r	ype & QC	Level	ı										
EBM Phone: (216) 271-803	8					_										T				S	tandard	_	1
EBM Email:]			Containers							1		ŀ				-		ackage		ı
Lab No. Sample Description	Date	Time	+-+		Air / Vapor	Total Number of	Unpreserved	H ₂ SO ₄	HNO ₃	НСІ	Methanol		0979								omments collected, indints and single-	cate "No strike out	
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THIS LINE - LAB USE ONLY: Cus	stody Seals In Plac	e: (es) No	Te	emp B	lank: y	S) No		Co	oler T	emp o	n Recei	ipt:	18	_°FØ	т	rip Blan	k: Ye }/I	vo I	MS	MSD Sample Subi	mitted: 🐼 /	No.	
								Labor							•			<u>'</u>		BP/ARC LaM			

Lancaster Laboratories

Environmental Sample Administration Receipt Documentation

Client/l	Project:	Atl Ri	ch	Shipping	g Containe	r Sealed: YES	s) NO					
Date of	Receipt: _	7/9/13		Custody Seal Present * : (ES)								
Time o	f Receipt:	0920	400	* Custody seal was intact unless otherwise noted i								
Source	Code:	50~1		discrepancy section Package: Chilled								
<u></u>			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 -	DT121	4.8	TB	WJ	Y	В						
2												
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Unpac	cker Signatur	e/Emp#: 🥒	Call	3647	Date/T	ime: 7/9//	3 1101					



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)	Ĺ	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

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 per liter of gas.

ppb parts per billion

Dry weightResults 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.

Data Qualifiers:

C - result confirmed by reanalysis.

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

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	Е	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
Ε	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 EUROFINS LANCASTER LABORATORIES ENVIRONMENTAL, LLC 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 EUROFINS LANCASTER LABORATORIES ENVIRONMENTAL AND (B) WHETHER EUROFINS LANCASTER LABORATORIES ENVIRONMENTAL 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 Eurofins Lancaster Laboratories Environmental which includes any conditions that vary from the Standard Terms and Conditions, and Eurofins Lancaster Laboratories Environmental hereby objects to any conflicting terms contained in any acceptance or order submitted by client.

Analysis Report

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ANALYTICAL RESULTS

Prepared by:

Prepared for:

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

July 19, 2013

Project: BP Sanborn

Submittal Date: 07/10/2013 Group Number: 1402990 PO Number: D00B4-0004 Release Number: BARBER State of Sample Origin: NY

Client Sample Description	Lancaster Labs (LL) #
B-26 Water	7122565
B-31 Water	7122566
B-7 Water	7122567
Field Dup #3 Water	7122568
B-14 Water	7122569
B-16 Water	7122570
B-12 Water	7122571
B-5 Water	7122572
P-4 Water	7122573
B-49 Water	7122574
B-49 Matrix Spike Water	7122575
B-49 Matrix Spike Dup Water	7122576
B-48 Water	7122577

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		
ELECTRONIC	Parsons	Attn: Eric Felter
COPY TO		
ELECTRONIC	Parsons	Attn: Doug Taylor
COPY TO		
0011		

Analysis Report

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Respectfully Submitted,

Kaitlin N. Plasterer Specialist

Maither M. Pasterer

(717) 556-7323

Case Narrative

Project Name: BP Sanborn LLI Group #: 1402990

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 10.8 C using a Hg thermometer. The sample bottles were then measured using an IR thermometer and were recorded at 6.5-8.2 C.

Analysis Specific Comments:

SW-846 8260B, GC/MS Volatiles

Batch #: N131941AA (Sample number(s): 7122565-7122577 UNSPK: 7122574)

The recovery(ies) for the following analyte(s) in the MS and/or MSD was outside the acceptance window: 1,3-Dichlorobenzene, 1,4-Dichlorobenzene, 1,2-Dichlorobenzene



Analysis Report

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

Sample Description: B-26 Water

BP Sanborn COC: 192477

2040 Cory Drive - Sanborn, NY

LL Group # 1402990 Account # 12495

LL Sample # WW 7122565

Project Name: BP Sanborn

Submitted: 07/10/2013 09:25

Reported: 07/19/2013 16:33

Collected: 07/09/2013 09:10 by RCB Atlantic Richfield(Parsons-NY)

BP Corporation

501 WestLake Park Blvd

Houston TX 77079

B26--

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 10.8 C using a Hg thermometer. The sample bottles were then measured using an IR thermometer and were recorded at 6.5-8.2 C.

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



Analysis Report

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

Sample Description: B-26 Water

BP Sanborn COC: 192477

2040 Cory Drive - Sanborn, NY

LL Group # 1402990 Account # 12495

LL Sample # WW 7122565

Project Name: BP Sanborn

Submitted: 07/10/2013 09:25

Reported: 07/19/2013 16:33

Collected: 07/09/2013 09:10 by RCB Atlantic Richfield(Parsons-NY)

BP Corporation

501 WestLake Park Blvd

Houston TX 77079

B26--

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	N131941AA	07/13/2013	03:52	Christopher G Torres	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	N131941AA	07/13/2013	03:52	Christopher G	1



Analysis Report

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

Sample Description: B-31 Water

BP Sanborn COC: 192477

2040 Cory Drive - Sanborn, NY

LL Group # 1402990 Account # 12495

LL Sample # WW 7122566

Project Name: BP Sanborn

Submitted: 07/10/2013 09:25

Reported: 07/19/2013 16:33

Collected: 07/09/2013 09:50 by RCB Atlantic Richfield(Parsons-NY)

BP Corporation

501 WestLake Park Blvd

Houston TX 77079

B31--

CAT No.	Analysis Name		CAS Number	As Rec Resul	ceived t	As Received Method Detection Limit*	As Received Limit of Quantitation	Dilution Factor
GC/MS	Volatiles SW-8	346 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 Ethe:	r	110-75-8	N.D.		2.0	10	1
	2-Chloroethyl vinyl ether preserve this sample.	r may n	ot be recovered	if acid	d 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	3.4	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	9	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	9	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 10.8 C using a Hg thermometer. The sample bottles were then measured using an IR thermometer and were recorded at 6.5-8.2 C.

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



Analysis Report

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

Sample Description: B-31 Water

BP Sanborn COC: 192477

2040 Cory Drive - Sanborn, NY

LL Group # 1402990 Account # 12495

LL Sample # WW 7122566

Project Name: BP Sanborn

Submitted: 07/10/2013 09:25

Reported: 07/19/2013 16:33

Collected: 07/09/2013 09:50 by RCB Atlantic Richfield(Parsons-NY)

BP Corporation

501 WestLake Park Blvd

Houston TX 77079

B31--

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	N131941AA	07/13/2013	04:16	Christopher G Torres	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	N131941AA	07/13/2013	04:16	Christopher G Torres	1



Analysis Report

Account

LL Sample # WW 7122567

12495

LL Group # 1402990

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

Sample Description: B-7 Water

BP Sanborn COC: 192477

2040 Cory Drive - Sanborn, NY

Project Name: BP Sanborn

Submitted: 07/10/2013 09:25

Reported: 07/19/2013 16:33

Collected: 07/09/2013 10:25 by RCB Atlantic Richfield(Parsons-NY)

BP Corporation

501 WestLake Park Blvd

Houston TX 77079

B7---

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		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 opreserve this sample		not be recovered	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	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-Dichloroether		156-59-2	0.94	J	0.80	5.0	1
10335	trans-1,2-Dichloroet	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		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-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	е	79-00-5	N.D.		0.80	5.0	1
10335	Trichloroethene		79-01-6	5.2		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 The temperature of the temperature blank bottle(s) upon receipt at the lab was 10.8 C using a Hg thermometer. The sample bottles were then measured using an IR thermometer and were recorded at 6.5-8.2 C.

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



Analysis Report

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

Sample Description: B-7 Water

BP Sanborn COC: 192477

2040 Cory Drive - Sanborn, NY

LL Group # 1402990 Account # 12495

LL Sample # WW 7122567

Project Name: BP Sanborn

Submitted: 07/10/2013 09:25

Reported: 07/19/2013 16:33

Collected: 07/09/2013 10:25 by RCB Atlantic Richfield(Parsons-NY)

BP Corporation

501 WestLake Park Blvd

Houston TX 77079

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CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
10335	VOCs 8260 Parsons Specs List	SW-846 8260B	1	N131941AA	07/13/2013 04:3	O Christopher G Torres	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	N131941AA	07/13/2013 04:3	Christopher G Torres	1



Analysis Report

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

Sample Description: Field Dup #3 Water

BP Sanborn COC: 192477

2040 Cory Drive - Sanborn, NY

LL Sample # WW 7122568 LL Group # 1402990 Account # 12495

Project Name: BP Sanborn

Submitted: 07/10/2013 09:25

Reported: 07/19/2013 16:33

Collected: 07/09/2013 by RCB Atlantic Richfield(Parsons-NY)

BP Corporation

501 WestLake Park Blvd

Houston TX 77079

-FD3-

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.	not be recovered	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	3.2 J	0.80	5.0	1
10335	trans-1,2-Dichloroethene	156-60-5	N.D.	0.80	5.0	1
10335	1,2-Dichloropropane	78-87-5	N.D.	1.0	5.0	1
10335	cis-1,3-Dichloropropene	10061-01-5	N.D.	1.0	5.0	1
10335	trans-1,3-Dichloropropene	10061-02-6	N.D.	1.0	5.0	1
10335	Methylene Chloride	75-09-2	N.D.	2.0	5.0	1
10335	1,1,1,2-Tetrachloroethane	630-20-6	N.D.	1.0	5.0	1
10335	1,1,2,2-Tetrachloroethane	79-34-5	N.D.	1.0	5.0	1
10335	Tetrachloroethene	127-18-4	N.D.	0.80	5.0	1
10335	1,1,1-Trichloroethane	71-55-6	N.D.	0.80	5.0	1
10335	1,1,2-Trichloroethane	79-00-5	N.D.	0.80	5.0	1
10335	Trichloroethene	79-01-6	N.D.	1.0	5.0	1
10335	Trichlorofluoromethane	75-69-4	N.D.	2.0	5.0	1
10335	1,2,3-Trichloropropane	96-18-4	N.D.	1.0	5.0	1
10335	Vinyl Chloride	75-01-4	N.D.	1.0	5.0	1

General Sample Comments

State of New York Certification No. 10670 The temperature of the temperature blank bottle(s) upon receipt at the lab was 10.8 C using a Hg thermometer. The sample bottles were then measured using an IR thermometer and were recorded at 6.5-8.2 C.



Analysis Report

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

Sample Description: Field Dup #3 Water

BP Sanborn COC: 192477

2040 Cory Drive - Sanborn, NY

LL Sample # WW 7122568 LL Group # 1402990 Account # 12495

Project Name: BP Sanborn

Submitted: 07/10/2013 09:25

Reported: 07/19/2013 16:33

Collected: 07/09/2013 by RCB Atlantic Richfield(Parsons-NY)

BP Corporation

501 WestLake Park Blvd

Houston TX 77079

- ED3 -

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
10335	VOCs 8260 Parsons Specs List	SW-846 8260B	1	N131941AA	07/13/2013 05:03	Christopher G Torres	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	N131941AA	07/13/2013 05:03	Christopher G Torres	1



Analysis Report

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

Sample Description: B-14 Water

BP Sanborn COC: 192477

2040 Cory Drive - Sanborn, NY

LL Group # 1402990 Account # 12495

LL Sample # WW 7122569

Project Name: BP Sanborn

Submitted: 07/10/2013 09:25

Reported: 07/19/2013 16:33

Collected: 07/09/2013 10:55 by RCB Atlantic Richfield(Parsons-NY)

BP Corporation

501 WestLake Park Blvd

Houston TX 77079

B14--

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	28	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	54	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 10.8 C using a Hg thermometer. The sample bottles were then measured using an IR thermometer and were recorded at 6.5-8.2 C.

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



Analysis Report

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

Sample Description: B-14 Water

BP Sanborn COC: 192477

2040 Cory Drive - Sanborn, NY

LL Group # 1402990 Account # 12495

LL Sample # WW 7122569

Project Name: BP Sanborn

Submitted: 07/10/2013 09:25

Reported: 07/19/2013 16:33

Collected: 07/09/2013 10:55 by RCB Atlantic Richfield(Parsons-NY)

BP Corporation

501 WestLake Park Blvd

Houston TX 77079

D14

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	N131941AA	07/13/2013	05:26	Christopher G Torres	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	N131941AA	07/13/2013	05:26	Christopher G	1



Analysis Report

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

Sample Description: B-16 Water

BP Sanborn COC: 192477

2040 Cory Drive - Sanborn, NY

LL Group # 1402990 Account # 12495

LL Sample # WW 7122570

Project Name: BP Sanborn

Submitted: 07/10/2013 09:25

Reported: 07/19/2013 16:33

Collected: 07/09/2013 11:30 by RCB Atlantic Richfield(Parsons-NY)

BP Corporation

501 WestLake Park Blvd

Houston TX 77079

B16--

CAT No.	Analysis Name		CAS Number	As Received Result	As Received Method Detection Limit*	As Received Limit of Quantitation	Dilution Factor
GC/MS	Volatiles SV	V-846 826	0B	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	her	110-75-8	N.D.	2.0	10	1
	2-Chloroethyl vinyl et preserve this sample.	her may not	t 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	Dichlorodifluoromethan	е	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-Dichloroethe	ne	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-Dichloroprop	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-Tetrachloroeth		630-20-6	N.D.	1.0	5.0	1
10335	1,1,2,2-Tetrachloroeth	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

General Sample Comments

State of New York Certification No. 10670 The temperature of the temperature blank bottle(s) upon receipt at the lab was 10.8 C using a Hg thermometer. The sample bottles were then measured using an IR thermometer and were recorded at 6.5-8.2 C.

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



Analysis Report

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

Sample Description: B-16 Water

BP Sanborn COC: 192477

2040 Cory Drive - Sanborn, NY

LL Group # 1402990 Account # 12495

LL Sample # WW 7122570

Project Name: BP Sanborn

Submitted: 07/10/2013 09:25

Reported: 07/19/2013 16:33

Collected: 07/09/2013 11:30 by RCB Atlantic Richfield(Parsons-NY)

BP Corporation

501 WestLake Park Blvd

Houston TX 77079

B16--

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Tim	ne	Analyst	Dilution Factor
10335	VOCs 8260 Parsons Specs List	SW-846 8260B	1	N131941AA	07/13/2013	05:50	Christopher G Torres	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	N131941AA	07/13/2013	05:50	Christopher G	1



Analysis Report

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

Sample Description: B-12 Water

BP Sanborn COC: 192477

2040 Cory Drive - Sanborn, NY

LL Group # 1402990 Account # 12495

LL Sample # WW 7122571

Project Name: BP Sanborn

Submitted: 07/10/2013 09:25

Reported: 07/19/2013 16:33

Collected: 07/09/2013 12:15 by RCB Atlantic Richfield(Parsons-NY)

BP Corporation

501 WestLake Park Blvd

Houston TX 77079

B12--

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	l 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	4.7	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	1.8	J	0.80	5.0	1
10335	cis-1,2-Dichloroethene	156-59-2	80		0.80	5.0	1
10335	trans-1,2-Dichloroethene	156-60-5	2.1	J	0.80	5.0	1
10335	1,2-Dichloropropane	78-87-5	N.D.		1.0	5.0	1
10335	cis-1,3-Dichloropropene	10061-01-5	N.D.		1.0	5.0	1
10335	trans-1,3-Dichloropropene	10061-02-6	N.D.		1.0	5.0	1
10335	Methylene Chloride	75-09-2	N.D.		2.0	5.0	1
10335	1,1,1,2-Tetrachloroethane	630-20-6	N.D.		1.0	5.0	1
10335	1,1,2,2-Tetrachloroethane	79-34-5	N.D.		1.0	5.0	1
10335	Tetrachloroethene	127-18-4	N.D.		0.80	5.0	1
10335	1,1,1-Trichloroethane	71-55-6	8.8		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	490		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 The temperature of the temperature blank bottle(s) upon receipt at the lab was 10.8 C using a Hg thermometer. The sample bottles were then measured using an IR thermometer and were recorded at 6.5-8.2 C.



Analysis Report

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

Sample Description: B-12 Water

BP Sanborn COC: 192477

2040 Cory Drive - Sanborn, NY

LL Group # 1402990 Account # 12495

LL Sample # WW 7122571

Project Name: BP Sanborn

Submitted: 07/10/2013 09:25

Reported: 07/19/2013 16:33

Collected: 07/09/2013 12:15 by RCB Atlantic Richfield(Parsons-NY)

BP Corporation

501 WestLake Park Blvd

Houston TX 77079

B12--

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	N131941AA	07/13/2013	06:14	Christopher G Torres	1		
10335	VOCs 8260 Parsons Specs List	SW-846 8260B	1	N131962AA	07/15/2013	23:54	Sarah A Guill	10		
01163	GC/MS VOA Water Prep	SW-846 5030B	1	N131941AA	07/13/2013	06:14	Christopher G Torres	1		
01163	GC/MS VOA Water Prep	SW-846 5030B	2	N131962AA	07/15/2013	23:54	Sarah A Guill	10		



Analysis Report

LL Sample # WW 7122572

LL Group # 1402990

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

Sample Description: B-5 Water

BP Sanborn COC: 192477

2040 Cory Drive - Sanborn, NY

Account # 12495

Project Name: BP Sanborn

Submitted: 07/10/2013 09:25

Reported: 07/19/2013 16:33

Collected: 07/09/2013 12:50 by RCB Atlantic Richfield(Parsons-NY)

BP Corporation

501 WestLake Park Blvd

Houston TX 77079

B5---

CAT No.	Analysis Name		CAS Number	As Rece Result	ived	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 Eth	ner	110-75-8	N.D.		2.0	10	1
	2-Chloroethyl vinyl eth preserve this sample.	ner may no	ot be recovered		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	9	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		J	0.80	5.0	1
10335	trans-1,2-Dichloroether	ne .	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-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	25		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 10.8 C using a Hg thermometer. The sample bottles were then measured using an IR thermometer and were recorded at 6.5-8.2 C.



Analysis Report

LL Sample # WW 7122572 LL Group # 1402990 Account # 12495

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

Sample Description: B-5 Water

BP Sanborn COC: 192477

2040 Cory Drive - Sanborn, NY

Project Name: BP Sanborn

Submitted: 07/10/2013 09:25

Reported: 07/19/2013 16:33

Collected: 07/09/2013 12:50 by RCB Atlantic Richfield(Parsons-NY)

BP Corporation

501 WestLake Park Blvd

Houston TX 77079

B5---

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	N131941AA	07/13/2013	06:37	Christopher G Torres	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	N131941AA	07/13/2013	06:37	Christopher G	1



Analysis Report

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

Sample Description: P-4 Water

BP Sanborn COC: 192477

2040 Cory Drive - Sanborn, NY

LL Group # 1402990 Account # 12495

LL Sample # WW 7122573

Project Name: BP Sanborn

Submitted: 07/10/2013 09:25

Reported: 07/19/2013 16:33

Collected: 07/09/2013 13:00 by RCB Atlantic Richfield(Parsons-NY)

BP Corporation

501 WestLake Park Blvd

Houston TX 77079

P4---

CAT No.	Analysis Name		CAS Number	As Reco 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.		5.0	25	5
10335	Bromobenzene		108-86-1	N.D.		5.0	25	5
10335	Bromodichloromethane	2	75-27-4	N.D.		5.0	25	5
10335	Bromoform		75-25-2	N.D.		5.0	25	5
10335	Bromomethane		74-83-9	N.D.		5.0	25	5
10335	Carbon Tetrachloride	<u> </u>	56-23-5	N.D.		5.0	25	5
10335	Chlorobenzene		108-90-7	N.D.		4.0	25	5
10335	Chloroethane		75-00-3	N.D.		5.0	25	5
10335	2-Chloroethyl Vinyl	Ether	110-75-8	N.D.		10	50	5
	2-Chloroethyl vinyl preserve this sample		y not be recovered	if acid	was used	l to		
10335	Chloroform		67-66-3	N.D.		4.0	25	5
10335	Chloromethane		74-87-3	N.D.		5.0	25	5
10335	Dibromochloromethane	:	124-48-1	N.D.		5.0	25	5
10335	Dibromomethane		74-95-3	N.D.		5.0	25	5
10335	1,2-Dichlorobenzene		95-50-1	N.D.		5.0	25	5
10335	1,3-Dichlorobenzene		541-73-1	N.D.		5.0	25	5
10335	1,4-Dichlorobenzene		106-46-7	N.D.		5.0	25	5
10335	Dichlorodifluorometh	nane	75-71-8	N.D.		10	25	5
10335	1,1-Dichloroethane		75-34-3	39		5.0	25	5
10335	1,2-Dichloroethane		107-06-2	N.D.		5.0	25	5
10335	1,1-Dichloroethene		75-35-4	8.4	J	4.0	25	5
10335	cis-1,2-Dichloroethe		156-59-2	700		4.0	25	5
10335	trans-1,2-Dichloroet	hene	156-60-5	7.8	J	4.0	25	5
10335	1,2-Dichloropropane		78-87-5	N.D.		5.0	25	5
10335	cis-1,3-Dichloroprop		10061-01-5	N.D.		5.0	25	5
10335	trans-1,3-Dichloropr	ropene	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-Tetrachloroe		630-20-6	N.D.		5.0	25	5
10335	1,1,2,2-Tetrachloroe	thane	79-34-5	N.D.		5.0	25	5
10335	Tetrachloroethene		127-18-4	N.D.		4.0	25	5
10335	1,1,1-Trichloroethar		71-55-6	18	J	4.0	25	5
10335	1,1,2-Trichloroethar	ie	79-00-5	N.D.		4.0	25	5
10335	Trichloroethene		79-01-6	2,500		50	250	50
10335	Trichlorofluorometha		75-69-4	N.D.		10	25	5
10335	1,2,3-Trichloropropa	ine	96-18-4	N.D.		5.0	25	5
10335	Vinyl Chloride		75-01-4	16	J	5.0	25	5

General Sample Comments

State of New York Certification No. 10670 The temperature of the temperature blank bottle(s) upon receipt at the lab was 10.8 C using a Hg thermometer. The sample bottles were then measured using an IR thermometer and were recorded at 6.5-8.2 C.

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



Analysis Report

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

Sample Description: P-4 Water

BP Sanborn COC: 192477

2040 Cory Drive - Sanborn, NY

LL Group # 1402990 Account # 12495

LL Sample # WW 7122573

Project Name: BP Sanborn

Submitted: 07/10/2013 09:25

Reported: 07/19/2013 16:33

Collected: 07/09/2013 13:00 by RCB Atlantic Richfield(Parsons-NY)

BP Corporation

501 WestLake Park Blvd

Houston TX 77079

D4 _ _ _

	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	N131941AA	07/13/2013	09:23	Christopher G Torres	5			
10335	VOCs 8260 Parsons Specs List	SW-846 8260B	1	N131941AA	07/13/2013	09:46	Christopher G Torres	50			
01163	GC/MS VOA Water Prep	SW-846 5030B	1	N131941AA	07/13/2013	09:23	Christopher G Torres	5			
01163	GC/MS VOA Water Prep	SW-846 5030B	2	N131941AA	07/13/2013	09:46	Christopher G Torres	50			

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



Analysis Report

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: 192478

2040 Cory Drive - Sanborn, NY

LL Group # 1402990 Account # 12495

LL Sample # WW 7122574

Project Name: BP Sanborn

Submitted: 07/10/2013 09:25

Reported: 07/19/2013 16:33

Collected: 07/09/2013 14:15 by RCB Atlantic Richfield(Parsons-NY)

BP Corporation

501 WestLake Park Blvd

Houston TX 77079

B49--

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 10.8 C using a Hg thermometer. The sample bottles were then measured using an IR thermometer and were recorded at 6.5-8.2 C.

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



Analysis Report

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: 192478

2040 Cory Drive - Sanborn, NY

LL Group # 1402990 Account # 12495

LL Sample # WW 7122574

Project Name: BP Sanborn

Submitted: 07/10/2013 09:25

Reported: 07/19/2013 16:33

Collected: 07/09/2013 14:15 by RCB Atlantic Richfield(Parsons-NY)

BP Corporation

501 WestLake Park Blvd

Houston TX 77079

R49--

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	N131941AA	07/13/2013	02:41	Christopher G Torres	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	N131941AA	07/13/2013	02:41	Christopher G	1



Analysis Report

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

Sample Description: B-49 Matrix Spike Water

BP Sanborn COC: 192478

2040 Cory Drive - Sanborn, NY

LL Sample # WW 7122575 LL Group # 1402990 Account # 12495

Project Name: BP Sanborn

Submitted: 07/10/2013 09:25

Reported: 07/19/2013 16:33

Collected: 07/09/2013 14:15 by RCB Atlantic Richfield(Parsons-NY)

BP Corporation

501 WestLake Park Blvd

Houston TX 77079

B49--

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	11	1.0	5.0	1				
10335	Bromobenzene		108-86-1	17	1.0	5.0	1				
10335	Bromodichloromethane		75-27-4	17	1.0	5.0	1				
10335	Bromoform		75-25-2	13	1.0	5.0	1				
10335	Bromomethane		74-83-9	18	1.0	5.0	1				
10335	Carbon Tetrachloride		56-23-5	20	1.0	5.0	1				
10335	Chlorobenzene		108-90-7	18	0.80	5.0	1				
10335	Chloroethane		75-00-3	21	1.0	5.0	1				
10335	2-Chloroethyl Vinyl	Ether	110-75-8	16	2.0	10	1				
	2-Chloroethyl vinyl ether may not be recovered if acid was used to preserve this sample.										
10335	Chloroform		67-66-3	20	0.80	5.0	1				
10335	Chloromethane		74-87-3	18	1.0	5.0	1				
10335	Dibromochloromethane		124-48-1	16	1.0	5.0	1				
10335	Dibromomethane		74-95-3	17	1.0	5.0	1				
10335	1,2-Dichlorobenzene		95-50-1	17	1.0	5.0	1				
10335	1,3-Dichlorobenzene		541-73-1	17	1.0	5.0	1				
10335	1,4-Dichlorobenzene		106-46-7	17	1.0	5.0	1				
10335	Dichlorodifluorometh	ane	75-71-8	22	2.0	5.0	1				
10335	1,1-Dichloroethane		75-34-3	20	1.0	5.0	1				
10335	1,2-Dichloroethane		107-06-2	21	1.0	5.0	1				
10335	1,1-Dichloroethene		75-35-4	20	0.80	5.0	1				
10335	cis-1,2-Dichloroethe		156-59-2	19	0.80	5.0	1				
10335	trans-1,2-Dichloroet	hene	156-60-5	20	0.80	5.0	1				
10335	1,2-Dichloropropane		78-87-5	19	1.0	5.0	1				
10335	cis-1,3-Dichloroprop		10061-01-5	16	1.0	5.0	1				
10335	trans-1,3-Dichloropr	opene	10061-02-6	15	1.0	5.0	1				
10335	Methylene Chloride		75-09-2	19	2.0	5.0	1				
10335	1,1,1,2-Tetrachloroe		630-20-6	17	1.0	5.0	1				
10335	1,1,2,2-Tetrachloroe	thane	79-34-5	16	1.0	5.0	1				
10335	Tetrachloroethene		127-18-4	19	0.80	5.0	1				
10335	1,1,1-Trichloroethan		71-55-6	21	0.80	5.0	1				
10335	1,1,2-Trichloroethan	e	79-00-5	17	0.80	5.0	1				
10335	Trichloroethene		79-01-6	20	1.0	5.0	1				
10335	Trichlorofluorometha		75-69-4	22	2.0	5.0	1				
10335	1,2,3-Trichloropropa	ne	96-18-4	17	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 The temperature of the temperature blank bottle(s) upon receipt at the lab was 10.8 C using a Hg thermometer. The sample bottles were then measured using an IR thermometer and were recorded at 6.5-8.2 C.

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



Analysis Report

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

Sample Description: B-49 Matrix Spike Water

BP Sanborn COC: 192478

2040 Cory Drive - Sanborn, NY

LL Sample # WW 7122575 LL Group # 1402990 Account # 12495

Project Name: BP Sanborn

Submitted: 07/10/2013 09:25

Reported: 07/19/2013 16:33

Collected: 07/09/2013 14:15 by RCB Atlantic Richfield(Parsons-NY)

BP Corporation

501 WestLake Park Blvd

Houston TX 77079

B49--

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	N131941AA	07/13/2013	03:04	Christopher G Torres	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	N131941AA	07/13/2013	03:04	Christopher G Torres	1



Analysis Report

Account

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

Sample Description: B-49 Matrix Spike Dup Water

BP Sanborn COC: 192478

2040 Cory Drive - Sanborn, NY

LL Sample # WW 7122576 LL Group # 1402990

12495

Project Name: BP Sanborn

Submitted: 07/10/2013 09:25

Reported: 07/19/2013 16:33

Collected: 07/09/2013 14:15 by RCB Atlantic Richfield(Parsons-NY)

BP Corporation

501 WestLake Park Blvd

Houston TX 77079

B49--

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	12	1.0	5.0	1
10335	Bromobenzene	108-86-1	17	1.0	5.0	1
10335	Bromodichloromethane	75-27-4	18	1.0	5.0	1
10335	Bromoform	75-25-2	13	1.0	5.0	1
10335	Bromomethane	74-83-9	19	1.0	5.0	1
10335	Carbon Tetrachloride	56-23-5	21	1.0	5.0	1
10335	Chlorobenzene	108-90-7	19	0.80	5.0	1
10335	Chloroethane	75-00-3	22	1.0	5.0	1
10335	2-Chloroethyl Vinyl Ether	110-75-8	16	2.0	10	1
	2-Chloroethyl vinyl ether may preserve this sample.	y not be recovered	if acid was use	ed to		
10335	Chloroform	67-66-3	21	0.80	5.0	1
10335	Chloromethane	74-87-3	18	1.0	5.0	1
10335	Dibromochloromethane	124-48-1	16	1.0	5.0	1
10335	Dibromomethane	74-95-3	18	1.0	5.0	1
10335	1,2-Dichlorobenzene	95-50-1	17	1.0	5.0	1
10335	1,3-Dichlorobenzene	541-73-1	17	1.0	5.0	1
10335	1,4-Dichlorobenzene	106-46-7	17	1.0	5.0	1
10335	Dichlorodifluoromethane	75-71-8	23	2.0	5.0	1
10335	1,1-Dichloroethane	75-34-3	21	1.0	5.0	1
10335	1,2-Dichloroethane	107-06-2	21	1.0	5.0	1
10335	1,1-Dichloroethene	75-35-4	21	0.80	5.0	1
10335	cis-1,2-Dichloroethene	156-59-2	19	0.80	5.0	1
10335	trans-1,2-Dichloroethene	156-60-5	21	0.80	5.0	1
10335	1,2-Dichloropropane	78-87-5	19	1.0	5.0	1
10335	cis-1,3-Dichloropropene	10061-01-5	17	1.0	5.0	1
10335	trans-1,3-Dichloropropene	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-Tetrachloroethane	630-20-6	17	1.0	5.0	1
10335	1,1,2,2-Tetrachloroethane	79-34-5	16	1.0	5.0	1
10335	Tetrachloroethene	127-18-4	20	0.80	5.0	1
10335	1,1,1-Trichloroethane	71-55-6	22	0.80	5.0	1
10335	1,1,2-Trichloroethane	79-00-5	18	0.80	5.0	1
10335	Trichloroethene	79-01-6	21	1.0	5.0	1
10335	Trichlorofluoromethane	75-69-4	22	2.0	5.0	1
10335	1,2,3-Trichloropropane	96-18-4	17	1.0	5.0	1
10335	Vinyl Chloride	75-01-4	22	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 10.8 C using a Hg thermometer. The sample bottles were then measured using an IR thermometer and were recorded at 6.5-8.2 C.

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



Analysis Report

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

Sample Description: B-49 Matrix Spike Dup Water

BP Sanborn COC: 192478

2040 Cory Drive - Sanborn, NY

LL Sample # WW 7122576

LL Group # 1402990 Account # 12495

Project Name: BP Sanborn

Submitted: 07/10/2013 09:25

Reported: 07/19/2013 16:33

Collected: 07/09/2013 14:15 by RCB Atlantic Richfield(Parsons-NY)

BP Corporation

501 WestLake Park Blvd

Houston TX 77079

D40

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	N131941AA	07/13/2013	03:28	Christopher G Torres	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	N131941AA	07/13/2013	03:28	Christopher G	1



Analysis Report

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

Sample Description: B-48 Water

BP Sanborn COC: 192478

2040 Cory Drive - Sanborn, NY

LL Group # 1402990 Account # 12495

LL Sample # WW 7122577

Project Name: BP Sanborn

Submitted: 07/10/2013 09:25

Reported: 07/19/2013 16:33

Collected: 07/09/2013 14:45 by RCB Atlantic Richfield(Parsons-NY)

BP Corporation

501 WestLake Park Blvd

Houston TX 77079

B49--

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 82	260B	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	r	110-75-8	N.D.		2.0	10	1
	2-Chloroethyl vinyl ethe preserve this sample.	r may n	ot be recovered	if acid	l 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-Dichloropropen	e	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-Tetrachloroethan		630-20-6	N.D.		1.0	5.0	1
10335	1,1,2,2-Tetrachloroethan	e	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	1.2	J	1.0	5.0	1
10335	Trichlorofluoromethane		75-69-4	N.D.		2.0	5.0	1
10335	1,2,3-Trichloropropane		96-18-4	N.D.		1.0	5.0	1
10335	Vinyl Chloride		75-01-4	N.D.		1.0	5.0	1

General Sample Comments

State of New York Certification No. 10670 The temperature of the temperature blank bottle(s) upon receipt at the lab was 10.8 C using a Hg thermometer. The sample bottles were then measured using an IR thermometer and were recorded at 6.5-8.2 C.

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



Analysis Report

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

Sample Description: B-48 Water

BP Sanborn COC: 192478

2040 Cory Drive - Sanborn, NY

LL Group # 1402990 Account # 12495

LL Sample # WW 7122577

Project Name: BP Sanborn

Submitted: 07/10/2013 09:25

Reported: 07/19/2013 16:33

Collected: 07/09/2013 14:45 by RCB Atlantic Richfield(Parsons-NY)

BP Corporation

501 WestLake Park Blvd

Houston TX 77079

B49--

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	N131941AA	07/13/2013	07:01	Christopher G Torres	1		
01163	GC/MS VOA Water Prep	SW-846 5030B	1	N131941AA	07/13/2013	07:01	Christopher G Torres	1		



Analysis Report

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

Page 1 of 3

Quality Control Summary

Client Name: Atlantic Richfield(Parsons-NY) Group Number: 1402990

Reported: 07/19/13 at 04:33 PM

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

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

Laboratory Compliance Quality Control

Analysis Name	Blank <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: N131941AA	Sample num	ber(s): 7	122565-712	2577					
Benzyl Chloride	N.D.	1.0	5.0	ug/l	69		49-120		
Bromobenzene	N.D.	1.0	5.0	uq/l	91		80-120		
Bromodichloromethane	N.D.	1.0	5.0	ug/l	92		73-120		
Bromoform	N.D.	1.0	5.0	ug/l	75		61-120		
Bromomethane	N.D.	1.0	5.0	ug/l	90		51-120		
Carbon Tetrachloride	N.D.	1.0	5.0	ug/l	99		65-137		
Chlorobenzene	N.D.	0.80	5.0	ug/l	95		80-120		
Chloroethane	N.D.	1.0	5.0	uq/l	93		60-120		
2-Chloroethyl Vinyl Ether	N.D.	2.0	10	ug/l	100		52-127		
Chloroform	N.D.	0.80	5.0	ug/l	106		77-122		
Chloromethane	N.D.	1.0	5.0	ug/l	91		54-123		
Dibromochloromethane	N.D.	1.0	5.0	uq/l	85		72-120		
Dibromomethane	N.D.	1.0	5.0	uq/l	94		80-120		
1,2-Dichlorobenzene	N.D.	1.0	5.0	ug/l	90		80-120		
1,3-Dichlorobenzene	N.D.	1.0	5.0	uq/l	90		80-120		
1,4-Dichlorobenzene	N.D.	1.0	5.0	uq/l	90		80-120		
Dichlorodifluoromethane	N.D.	2.0	5.0	ug/l	89		35-122		
1,1-Dichloroethane	N.D.	1.0	5.0	uq/l	105		79-120		
1,2-Dichloroethane	N.D.	1.0	5.0	uq/l	115		64-130		
1,1-Dichloroethene	N.D.	0.80	5.0	ug/l	103		76-124		
cis-1,2-Dichloroethene	N.D.	0.80	5.0	ug/l	100		80-120		
trans-1,2-Dichloroethene	N.D.	0.80	5.0	ug/l	104		80-120		
1,2-Dichloropropane	N.D.	1.0	5.0	uq/l	100		80-120		
cis-1,3-Dichloropropene	N.D.	1.0	5.0	ug/l	92		78-120		
trans-1,3-Dichloropropene	N.D.	1.0	5.0	ug/l	87		66-124		
Methylene Chloride	N.D.	2.0	5.0	ug/l	103		84-118		
1,1,1,2-Tetrachloroethane	N.D.	1.0	5.0	ug/l	90		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	uq/l	99		79-120		
1,1,1-Trichloroethane	N.D.	0.80	5.0	ug/l	108		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	104		80-120		
Trichlorofluoromethane	N.D.	2.0	5.0	ug/l	95		65-130		
1,2,3-Trichloropropane	N.D.	1.0	5.0	ug/l	96		76-120		
Vinyl Chloride	N.D.	1.0	5.0	ug/l	97		63-120		
Batch number: N131962AA	Sample num								
Trichloroethene	N.D.	1.0	5.0	ug/l	110		80-120		

Sample Matrix Quality Control

^{*-} Outside of specification

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

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

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

Analysis Report

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

Page 2 of 3

Quality Control Summary

Client Name: Atlantic Richfield(Parsons-NY) Group Number: 1402990

Reported: 07/19/13 at 04:33 PM

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

Analysis Name	MS %REC	MSD %REC	MS/MSD <u>Limits</u>	RPD	RPD MAX	BKG Conc	DUP <u>Conc</u>	DUP RPD	Dup RPD <u>Max</u>
	·	· · · · · · · · · · · · · · · · · · ·							<u> </u>
Batch number: N131941AA		number(s)				K: /1225/4			
Benzyl Chloride	57	59	42-131	2	30				
Bromobenzene	84	86	82-115	3	30				
Bromodichloromethane	86	88	78-125	2	30				
Bromoform	66	66	48-118	1	30				
Bromomethane	92	93	47-129	2	30				
Carbon Tetrachloride	101	104	72-135	3	30				
Chlorobenzene	88	93	87-124	5	30				
Chloroethane	107	109	51-145	2	30				
2-Chloroethyl Vinyl Ether	79	82	10-151	4	30				
Chloroform	101	104	81-134	3	30				
Chloromethane	89	90	46-137	1	30				
Dibromochloromethane	78	81	74-116	4	30				
Dibromomethane	85	89	83-119	5	30				
1,2-Dichlorobenzene	83*	86	84-119	4	30				
1,3-Dichlorobenzene	83*	87	86-121	5	30				
1,4-Dichlorobenzene	83*	87	85-121	5	30				
Dichlorodifluoromethane	112	113	52-129	1	30				
1,1-Dichloroethane	100	103	84-129	2	30				
1,2-Dichloroethane	107	107	68-131	0	30				
1,1-Dichloroethene	102	107	75-155	5	30				
cis-1,2-Dichloroethene	95	96	80-141	1	30				
trans-1,2-Dichloroethene	101	105	81-142	4	30				
1,2-Dichloropropane	93	96	83-124	3	30				
cis-1,3-Dichloropropene	82	83	70-116	1	30				
trans-1,3-Dichloropropene	77	80	74-119	3	30				
Methylene Chloride	94	97	78-133	3	30				
1,1,1,2-Tetrachloroethane	83	86	74-136	4	30				
1,1,2,2-Tetrachloroethane	79	82	72-128	4	30				
Tetrachloroethene	97	102	80-128	5	30				
1,1,1-Trichloroethane	107	112	69-140	4	30				
1,1,2-Trichloroethane	87	91	71-141	4	30				
Trichloroethene	102	105	88-133	2	30				
Trichlorofluoromethane	110	111	64-146	1	30				
1,2,3-Trichloropropane	84	86	76-118	3	30				
Vinyl Chloride	106	108	66-133	1	30				
Batch number: N131962AA	Sample	number(s)	: 7122571	L UNSPK:	P12331	1.4			
Trichloroethene	122	121	88-133	1	30				

Surrogate Quality Control

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

Analysis Name: PPL + Xylene (total) by 8260

Batch number: N131941AA

Dibromofluoromethane 1,2-Dichloroethane-d4 Toluene-d8 4-Bromofluorobenzene

- **-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.

^{*-} Outside of specification

Analysis Report

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Page 3 of 3

Quality Control Summary

Client Name: Atlantic Richfield(Parsons-NY) Group Number: 1402990

Reported: 07/19/13 at 04:33 PM

			Surrogate	Quality	Control
7122565	102	104	101	100	
7122566	102	104	101	99	
7122567	101	103	101	98	
7122568	102	103	101	99	
7122569	103	104	101	99	
7122570	102	102	102	99	
7122571	103	104	101	99	
7122572	101	104	101	98	
7122573	100	105	101	99	
7122574	102	102	101	98	
7122575	104	105	102	102	
7122576	103	103	102	102	
7122577	102	104	100	98	
Blank	101	104	101	98	
LCS	102	103	102	101	
MS	104	105	102	102	
MSD	103	103	102	102	
Limits:	80-116	77-113	80-113	78-113	

^{*-} Outside of specification

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

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

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

Atlantic Richfield

A#12495 G# 1402990 S# 1122505-78

Laboratory Management Program LaMP Chain of Custody Record 192477

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Page 1 of 2

	Ompany A BP affiliated company	BP/ARC Pro	oject Name: cility No:		01 9	awoo)/r	`,P	У <u> </u>				-	Date (mi k Order N		_				Rush TAT	Yes	No V
Lab Na	me: Lancaster Labs			BP/A	RC Facilit	y Addres	ss: 29	540	Con	m Ì	} -			-	Consu	ıltant/Co	ntract	or: t	de	SONS		
	Idress, 2425 New Holland Pi	ke Lancass	to, PA 1760		State, ZIF							32			Consu	iltant/Co	ntract	or Proje	ect No:			
	1: Kartlin Plasterer				Regulato	ry Agend	y: (NYS	De						Addre	ss:40 (ali	irre.	Dr.5	vite 350 Buffe	Jo, 14 14	1202
Lab Ph	ione: (717)656·2300			Califo	rnia Glob	al ID No	:								Consu	iltant/Co	ntract	or PM:	Gu	orge Herman	<i>و</i>	
	ipping Acent:			Enfos	s Proposa	I No: D	00	B4	-0	504					Phone	:(7K)40	٧٦-١	1990)		
Lab Bo	ottle Order No: 141514	ž.		Acco	unting Mo	de: / O	Р	rovisio	n	_ 00	C-BU_		OOC-RM	l						Waper		
Other i	nfo:			Stage	÷ 60	5		Activity	/: 8	,					Invoic	e To:		BP/AR(<u> 2</u>	Contractor		
BP/AR	CEBM: Bill Barber				Matrix	^	lo. C	ontai	ners /	Pres	ervativ	е		Req	uested	Analy	ses			Report Ty	pe & QC L	.evel
EBM P	thone: (21) 271-8038	·				ρ				/										Sta	indard	•
ЕВМ Е	mail:					tainer													t s	Full Data Pa	ckage	•
Lab No.	Sample Description	Date	Time	Soil / Solid	Water / Liquid Air / Vapor	Total Number of Contain	Honeserved		HNO ₃	Ξ	Methanol		8260							Co Note: If sample not o Sample" in commen and initial any prepri	ts and single-s	strike out
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Sample	er's Company: OHM Exter	prises luc		\bigvee	Jehan	<u> </u>	Be	bec		0+1	<u>~</u>		19/13	1525	1			$ \angle $				
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Atlantic Richfield

A# 12495 G# 1402990 S#1122565-78

BP/ARC Project Name: BP, South BY

.aMP Chain of Custody Record $^{\perp 9}$	2	£
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Req Due Date (mm/dd/yy):

Pag	e	2	of 7.
 Rush TAT:	Yes	•	No

7	A BP affiliated company	cility No:		•									Lab W	ork O	rder N	umbe	r:		··						
Lab Naı	ne: Lancaster Cabs				RC Facili			: 2	040	Cb	24	Dr.					Cons	ultant/	Contra	ctor:	R	'50Y	15		
Lab Add	iress: 2425 New Holland	Pike Lawast	e/PA 17601	City,	State, ZII	Cod	le: <	Sa	ممل	/n	, L	Yl	413	2			Cons	ultant/	Contra	ctor P	rojec	t No:		,	
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Lab Pho	one: 717 656-2300			Califo	rnia Glol	al ID	No.:										Consultant/Contractor PM: George Herrance								
Lab Shi	pping Accnt:			Enfos	Proposa	al No:	D	001	B4.	- 00	40						Phon	e:(7	16)4	07-	49	90			
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Other In	fo:			Stage	: 60]		Ad	ctivity:	81							Invoice To: BP/ARC Contractor								
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Environmental Sample Administration Receipt Documentation Log

Client/F	Project:	<u>jársor</u>	15	Shipping	g Containe	er Sealed: (YE	S	NO
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Source	Code:		50-1				d No	t Chilled
			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		1396 ments
1	OHJJ	8.01	TB	· W1	Y	B	6.6).5 ⁶⁹
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Explanation of Symbols and Abbreviations

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

RL	Reporting Limit	BMQL	Below Minimum Quantitation Level
N.D.	none detected	MPN	Most Probable Number
TNTC	Too Numerous To Count	CP Units	cobalt-chloroplatinate units
IU	International Units	NTU	nephelometric turbidity units
umhos/cm	micromhos/cm	ng	nanogram(s)
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)	Ĺ	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

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 per liter of gas.

ppb parts per billion

Dry weightResults 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.

Data Qualifiers:

C - result confirmed by reanalysis.

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

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	Е	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
Ε	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 EUROFINS LANCASTER LABORATORIES ENVIRONMENTAL, LLC 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 EUROFINS LANCASTER LABORATORIES ENVIRONMENTAL AND (B) WHETHER EUROFINS LANCASTER LABORATORIES ENVIRONMENTAL 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 Eurofins Lancaster Laboratories Environmental which includes any conditions that vary from the Standard Terms and Conditions, and Eurofins Lancaster Laboratories Environmental hereby objects to any conflicting terms contained in any acceptance or order submitted by client.

Analysis Report

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ANALYTICAL RESULTS

Prepared by:

Prepared for:

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

July 15, 2013

Project: BP Sanborn

Submittal Date: 07/11/2013 Group Number: 1403272 PO Number: D00B4-0004 Release Number: BARBER State of Sample Origin: NY

Client Sample Description	<u>Lancaster Labs (LL) #</u>
Field Dup #4 Water	7123801
B-63 Water	7123802
B-62 Water	7123803
B-64 Water	7123804
B-65 Water	7123805
B-66 Water	7123806
B-67 Water	7123807
B-59 Water	7123808
B-61 Water	7123809
B-15 Water	7123810
B-60 Water	7123811
B-60 Matrix Spike Water	7123812
B-60 Matrix Spike Dup Water	7123813

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		
ELECTRONIC	Parsons	Attn: Eric Felter
COPY TO		
ELECTRONIC	Parsons	Attn: Doug Taylor
COPY TO		
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Analysis Report

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Respectfully Submitted,

Kaitlin N. Plasterer Specialist

Maither M. Pasterer

(717) 556-7323

Case Narrative

Project Name: BP Sanborn LLI Group #: 1403272

General Comments:

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

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

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

Project specific QC samples are included in this data set

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

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

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

Analysis Specific Comments:

No additional comments are necessary.



Analysis Report

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

Sample Description: Field Dup #4 Water

BP Sanborn COC: R210210 2040 Cory Drive - Sanborn, NY LL Group # 1403272 Account # 12495

LL Sample # WW 7123801

Project Name: BP Sanborn

Submitted: 07/11/2013 09:20

Reported: 07/15/2013 12:42

Collected: 07/10/2013 by RCB Atlantic Richfield(Parsons-NY)

BP Corporation

501 WestLake Park Blvd

Houston TX 77079

FD4--

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	V-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 Et	her	110-75-8	N.D.	2.0	10	1
	2-Chloroethyl vinyl et preserve this sample.	her may no	ot be recovered		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	e	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-Dichloroethe	ne	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		10061-01-5	N.D.	1.0	5.0	1
10335	trans-1,3-Dichloroprop	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-Tetrachloroeth		630-20-6	N.D.	1.0	5.0	1
10335	1,1,2,2-Tetrachloroeth	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

General Sample Comments

State of New York Certification No. 10670



Analysis Report

LL Sample # WW 7123801

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

Sample Description: Field Dup #4 Water

BP Sanborn COC: R210210

LL Group # 1403272 Account # 12495 2040 Cory Drive - Sanborn, NY

Project Name: BP Sanborn

Submitted: 07/11/2013 09:20

Reported: 07/15/2013 12:42

Collected: 07/10/2013 by RCB Atlantic Richfield(Parsons-NY)

BP Corporation

501 WestLake Park Blvd

Houston TX 77079

FD4--

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Tim	e	Analyst	Dilution Factor
10335	VOCs 8260 Parsons Specs List	SW-846 8260B	1	L131931AA	07/12/2013	15:58	Angela D Sneeringer	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	L131931AA	07/12/2013	15:58	Angela D Sneeringer	1



Analysis Report

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

Sample Description: B-63 Water

BP Sanborn COC: R210210 2040 Cory Drive - Sanborn, NY

LL Group # 1403272 Account # 12495

LL Sample # WW 7123802

Project Name: BP Sanborn

Submitted: 07/11/2013 09:20

Reported: 07/15/2013 12:42

Collected: 07/10/2013 10:00 by RCB Atlantic Richfield(Parsons-NY)

BP Corporation

501 WestLake Park Blvd

Houston TX 77079

B63--

CAT No.	Analysis Name		CAS Number	As Received Result	As Received Method Detection Limit*	As Received Limit of Quantitation	Dilution Factor
GC/MS	Volatiles SV	V-846 826	0B	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	her	110-75-8	N.D.	2.0	10	1
	2-Chloroethyl vinyl et preserve this sample.	her may not	t 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	Dichlorodifluoromethan	е	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-Dichloroethe	ne	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-Dichloroprop	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-Tetrachloroeth		630-20-6	N.D.	1.0	5.0	1
10335	1,1,2,2-Tetrachloroeth	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

General Sample Comments

State of New York Certification No. 10670



Analysis Report

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

Sample Description: B-63 Water

BP Sanborn COC: R210210 2040 Cory Drive - Sanborn, NY LL Group # 1403272 Account # 12495

LL Sample # WW 7123802

Project Name: BP Sanborn

Submitted: 07/11/2013 09:20

Reported: 07/15/2013 12:42

Collected: 07/10/2013 10:00 by RCB Atlantic Richfield(Parsons-NY)

BP Corporation

501 WestLake Park Blvd

Houston TX 77079

B63--

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Tim	ne	Analyst	Dilution Factor
10335	VOCs 8260 Parsons Specs List	SW-846 8260B	1	L131931AA	07/12/2013	16:20	Angela D Sneeringer	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	L131931AA	07/12/2013	16:20	Angela D Sneeringer	1



Analysis Report

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

Sample Description: B-62 Water

BP Sanborn COC: R210210 2040 Cory Drive - Sanborn, NY

LL Group # 1403272 Account # 12495

LL Sample # WW 7123803

Project Name: BP Sanborn

Submitted: 07/11/2013 09:20

Reported: 07/15/2013 12:42

Collected: 07/10/2013 09:25 by RCB Atlantic Richfield(Parsons-NY)

BP Corporation

501 WestLake Park Blvd

Houston TX 77079

B62--

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 ma 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	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



Analysis Report

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

Sample Description: B-62 Water

BP Sanborn COC: R210210 2040 Cory Drive - Sanborn, NY

LL Group # 1403272 Account # 12495

LL Sample # WW 7123803

Project Name: BP Sanborn

Submitted: 07/11/2013 09:20

Reported: 07/15/2013 12:42

Collected: 07/10/2013 09:25 by RCB Atlantic Richfield(Parsons-NY)

BP Corporation

501 WestLake Park Blvd

Houston TX 77079

B62--

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	L131931AA	07/12/2013	16:42	Angela D Sneeringer	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	L131931AA	07/12/2013	16:42	Angela D Sneeringer	1



Analysis Report

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

Sample Description: B-64 Water

BP Sanborn COC: R210210 2040 Cory Drive - Sanborn, NY

LL Group # 1403272 Account # 12495

LL Sample # WW 7123804

Project Name: BP Sanborn

Submitted: 07/11/2013 09:20

Reported: 07/15/2013 12:42

Collected: 07/10/2013 10:45 by RCB Atlantic Richfield(Parsons-NY)

BP Corporation

501 WestLake Park Blvd

Houston TX 77079

B64--

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 ma preserve this sample.	•	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



Analysis Report

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

Sample Description: B-64 Water

BP Sanborn COC: R210210 2040 Cory Drive - Sanborn, NY

LL Group # 1403272 Account # 12495

LL Sample # WW 7123804

Project Name: BP Sanborn

Submitted: 07/11/2013 09:20

Reported: 07/15/2013 12:42

Collected: 07/10/2013 10:45 by RCB Atlantic Richfield(Parsons-NY)

BP Corporation

501 WestLake Park Blvd

Houston TX 77079

B64--

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
10335	VOCs 8260 Parsons Specs List	SW-846 8260B	1	L131931AA	07/12/2013 17:0	4 Angela D Sneeringer	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	L131931AA	07/12/2013 17:0	4 Angela D Sneeringer	1



Analysis Report

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

Sample Description: B-65 Water

BP Sanborn COC: R210210 2040 Cory Drive - Sanborn, NY

LL Group # 1403272 Account # 12495

LL Sample # WW 7123805

Project Name: BP Sanborn

Submitted: 07/11/2013 09:20

Reported: 07/15/2013 12:42

Collected: 07/10/2013 11:35 by RCB Atlantic Richfield(Parsons-NY)

BP Corporation

501 WestLake Park Blvd

Houston TX 77079

B65--

CAT No.	Analysis Name		CAS Number	As Received Result	As Received Method Detection Limit*	As Received Limit of Quantitation	Dilution Factor
GC/MS	Volatiles SV	V-846 826	0B	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	her	110-75-8	N.D.	2.0	10	1
	2-Chloroethyl vinyl et preserve this sample.	her may not	t 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	Dichlorodifluoromethan	е	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-Dichloroethe	ne	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-Dichloroprop	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-Tetrachloroeth		630-20-6	N.D.	1.0	5.0	1
10335	1,1,2,2-Tetrachloroeth	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

General Sample Comments

State of New York Certification No. 10670



Analysis Report

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

Sample Description: B-65 Water

BP Sanborn COC: R210210 2040 Cory Drive - Sanborn, NY

LL Group # 1403272 Account # 12495

LL Sample # WW 7123805

Project Name: BP Sanborn

Submitted: 07/11/2013 09:20

Reported: 07/15/2013 12:42

Collected: 07/10/2013 11:35 by RCB Atlantic Richfield(Parsons-NY)

BP Corporation

501 WestLake Park Blvd

Houston TX 77079

B65--

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
10335	VOCs 8260 Parsons Specs List	SW-846 8260B	1	L131931AA	07/12/2013 17:	26 Angela D Sneeringer	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	L131931AA	07/12/2013 17:	26 Angela D Sneeringer	1



Analysis Report

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

Sample Description: B-66 Water

BP Sanborn COC: R210210 2040 Cory Drive - Sanborn, NY LL Group # 1403272 Account # 12495

LL Sample # WW 7123806

Project Name: BP Sanborn

Submitted: 07/11/2013 09:20

Reported: 07/15/2013 12:42

Collected: 07/10/2013 12:15 by RCB Atlantic Richfield(Parsons-NY)

BP Corporation

501 WestLake Park Blvd

Houston TX 77079

B66--

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 ma 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	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



Analysis Report

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

Sample Description: B-66 Water

BP Sanborn COC: R210210 2040 Cory Drive - Sanborn, NY LL Group # 1403272 Account # 12495

LL Sample # WW 7123806

Project Name: BP Sanborn

Submitted: 07/11/2013 09:20

Reported: 07/15/2013 12:42

Collected: 07/10/2013 12:15 by RCB Atlantic Richfield(Parsons-NY)

BP Corporation

501 WestLake Park Blvd

Houston TX 77079

B66--

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	L131931AA	07/12/2013	17:48	Angela D Sneeringer	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	L131931AA	07/12/2013	17:48	Angela D Sneeringer	1



Analysis Report

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

Sample Description: B-67 Water

BP Sanborn COC: R210210 2040 Cory Drive - Sanborn, NY

LL Group # 1403272 Account # 12495

LL Sample # WW 7123807

Project Name: BP Sanborn

Submitted: 07/11/2013 09:20

Reported: 07/15/2013 12:42

Collected: 07/10/2013 12:50 by RCB Atlantic Richfield(Parsons-NY)

BP Corporation

501 WestLake Park Blvd

Houston TX 77079

B67--

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 ma preserve this sample.	•	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



Analysis Report

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

Sample Description: B-67 Water

BP Sanborn COC: R210210 2040 Cory Drive - Sanborn, NY LL Group # 1403272 Account # 12495

LL Sample # WW 7123807

Project Name: BP Sanborn

Submitted: 07/11/2013 09:20

Reported: 07/15/2013 12:42

Collected: 07/10/2013 12:50 by RCB Atlantic Richfield(Parsons-NY)

BP Corporation

501 WestLake Park Blvd

Houston TX 77079

D C 7

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	L131931AA	07/12/2013	18:10	Angela D Sneeringer	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	L131931AA	07/12/2013	18:10	Angela D Speeringer	1



Analysis Report

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

Sample Description: B-59 Water

BP Sanborn COC: R210210 2040 Cory Drive - Sanborn, NY

LL Group # 1403272 Account # 12495

LL Sample # WW 7123808

Project Name: BP Sanborn

Submitted: 07/11/2013 09:20

Reported: 07/15/2013 12:42

Collected: 07/10/2013 13:55 by RCB Atlantic Richfield(Parsons-NY)

BP Corporation

501 WestLake Park Blvd

Houston TX 77079

B59--

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 m preserve this sample.	may 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	0.90 J	0.80	5.0	1
10335	trans-1,2-Dichloroethene	156-60-5	N.D.	0.80	5.0	1
10335	1,2-Dichloropropane	78-87-5	N.D.	1.0	5.0	1
10335	cis-1,3-Dichloropropene	10061-01-5	N.D.	1.0	5.0	1
10335	trans-1,3-Dichloropropene	10061-02-6	N.D.	1.0	5.0	1
10335	Methylene Chloride	75-09-2	N.D.	2.0	5.0	1
10335	1,1,1,2-Tetrachloroethane	630-20-6	N.D.	1.0	5.0	1
10335	1,1,2,2-Tetrachloroethane	79-34-5	N.D.	1.0	5.0	1
10335	Tetrachloroethene	127-18-4	N.D.	0.80	5.0	1
10335	1,1,1-Trichloroethane	71-55-6	N.D.	0.80	5.0	1
10335	1,1,2-Trichloroethane	79-00-5	N.D.	0.80	5.0	1
10335	Trichloroethene	79-01-6	N.D.	1.0	5.0	1
10335	Trichlorofluoromethane	75-69-4	N.D.	2.0	5.0	1
10335	1,2,3-Trichloropropane	96-18-4	N.D.	1.0	5.0	1
10335	Vinyl Chloride	75-01-4	N.D.	1.0	5.0	1

General Sample Comments

State of New York Certification No. 10670



Analysis Report

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

Sample Description: B-59 Water

BP Sanborn COC: R210210 2040 Cory Drive - Sanborn, NY LL Group # 1403272 Account # 12495

LL Sample # WW 7123808

Project Name: BP Sanborn

Submitted: 07/11/2013 09:20

Reported: 07/15/2013 12:42

Collected: 07/10/2013 13:55 by RCB Atlantic Richfield(Parsons-NY)

BP Corporation

501 WestLake Park Blvd

Houston TX 77079

B59--

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	L131931AA	07/12/2013	18:32	Angela D Sneeringer	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	L131931AA	07/12/2013	18:32	Angela D Sneeringer	1



Analysis Report

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

Sample Description: B-61 Water

BP Sanborn COC: R210210 2040 Cory Drive - Sanborn, NY

LL Group # 1403272 Account # 12495

LL Sample # WW 7123809

Project Name: BP Sanborn

Submitted: 07/11/2013 09:20

Reported: 07/15/2013 12:42

Collected: 07/10/2013 15:25 by RCB Atlantic Richfield(Parsons-NY)

BP Corporation

501 WestLake Park Blvd

Houston TX 77079

B61--

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



Analysis Report

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

Sample Description: B-61 Water

BP Sanborn COC: R210210 2040 Cory Drive - Sanborn, NY LL Group # 1403272 Account # 12495

LL Sample # WW 7123809

Project Name: BP Sanborn

Submitted: 07/11/2013 09:20

Reported: 07/15/2013 12:42

Collected: 07/10/2013 15:25 by RCB Atlantic Richfield(Parsons-NY)

BP Corporation

501 WestLake Park Blvd

Houston TX 77079

B61--

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Tir	me	Analyst	Dilution Factor
10335	VOCs 8260 Parsons Specs List	SW-846 8260B	1	L131931AA	07/12/2013	18:54	Angela D Sneeringer	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	L131931AA	07/12/2013	18:54	Angela D Sneeringer	1



Analysis Report

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

Sample Description: B-15 Water

BP Sanborn COC: R210210 2040 Cory Drive - Sanborn, NY

LL Group # 1403272 Account # 12495

LL Sample # WW 7123810

Project Name: BP Sanborn

Submitted: 07/11/2013 09:20

Reported: 07/15/2013 12:42

Collected: 07/10/2013 15:50 by RCB Atlantic Richfield(Parsons-NY)

BP Corporation

501 WestLake Park Blvd

Houston TX 77079

B15--

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



Analysis Report

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

Sample Description: B-15 Water

BP Sanborn COC: R210210 2040 Cory Drive - Sanborn, NY LL Group # 1403272 Account # 12495

LL Sample # WW 7123810

Project Name: BP Sanborn

Submitted: 07/11/2013 09:20

Reported: 07/15/2013 12:42

Collected: 07/10/2013 15:50 by RCB Atlantic Richfield(Parsons-NY)

BP Corporation

501 WestLake Park Blvd

Houston TX 77079

B15--

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	L131931AA	07/12/2013	19:16	Angela D Sneeringer	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	L131931AA	07/12/2013	19:16	Angela D Speeringer	1



Analysis Report

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

Sample Description: B-60 Water

BP Sanborn COC: R210209 2040 Cory Drive - Sanborn, NY

LL Group # 1403272 Account # 12495

LL Sample # WW 7123811

Project Name: BP Sanborn

Submitted: 07/11/2013 09:20

Reported: 07/15/2013 12:42

Collected: 07/10/2013 14:50 by RCB Atlantic Richfield(Parsons-NY)

BP Corporation

501 WestLake Park Blvd

Houston TX 77079

B60--

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

General Sample Comments

State of New York Certification No. 10670



Analysis Report

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

Sample Description: B-60 Water

BP Sanborn COC: R210209 2040 Cory Drive - Sanborn, NY

LL Group # 1403272 Account # 12495

LL Sample # WW 7123811

Project Name: BP Sanborn

Submitted: 07/11/2013 09:20

Reported: 07/15/2013 12:42

Collected: 07/10/2013 14:50 by RCB Atlantic Richfield(Parsons-NY)

BP Corporation

501 WestLake Park Blvd

Houston TX 77079

B60--

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Tir	me	Analyst	Dilution Factor
10335	VOCs 8260 Parsons Specs List	SW-846 8260B	1	L131931AA	07/12/2013	14:31	Angela D Sneeringer	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	L131931AA	07/12/2013	14:31	Angela D Sneeringer	1



Analysis Report

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

Sample Description: B-60 Matrix Spike Water

BP Sanborn COC: R210209

2040 Cory Drive - Sanborn, NY

LL Group # 1403272 Account # 12495

LL Sample # WW 7123812

Project Name: BP Sanborn

Submitted: 07/11/2013 09:20

Reported: 07/15/2013 12:42

Collected: 07/10/2013 14:50 by RCB Atlantic Richfield(Parsons-NY)

BP Corporation

501 WestLake Park Blvd

Houston TX 77079

B60--

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	16	1.0	5.0	1
10335	Bromobenzene		108-86-1	20	1.0	5.0	1
10335	Bromodichloromethane		75-27-4	19	1.0	5.0	1
10335	Bromoform		75-25-2	17	1.0	5.0	1
10335	Bromomethane		74-83-9	19	1.0	5.0	1
10335	Carbon Tetrachloride		56-23-5	22	1.0	5.0	1
10335	Chlorobenzene		108-90-7	21	0.80	5.0	1
10335	Chloroethane		75-00-3	18	1.0	5.0	1
10335	2-Chloroethyl Vinyl Ethe	er	110-75-8	18	2.0	10	1
	2-Chloroethyl vinyl ethe preserve this sample.	er may no	ot be recovered	if acid was use	ed to		
10335	Chloroform		67-66-3	21	0.80	5.0	1
10335	Chloromethane		74-87-3	18	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	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	22	2.0	5.0	1
10335	1,1-Dichloroethane		75-34-3	21	1.0	5.0	1
10335	1,2-Dichloroethane		107-06-2	21	1.0	5.0	1
10335	1,1-Dichloroethene		75-35-4	21	0.80	5.0	1
10335	cis-1,2-Dichloroethene		156-59-2	21	0.80	5.0	1
10335	trans-1,2-Dichloroethene	:	156-60-5	22	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	20	1.0	5.0	1
10335	trans-1,3-Dichloroproper	ıe	10061-02-6	19	1.0	5.0	1
10335	Methylene Chloride		75-09-2	20	2.0	5.0	1
10335	1,1,1,2-Tetrachloroethar		630-20-6	20	1.0	5.0	1
10335	1,1,2,2-Tetrachloroethar	ie	79-34-5	19	1.0	5.0	1
10335	Tetrachloroethene		127-18-4	22	0.80	5.0	1
10335	1,1,1-Trichloroethane		71-55-6	19	0.80	5.0	1
10335	1,1,2-Trichloroethane		79-00-5	20	0.80	5.0	1
10335	Trichloroethene		79-01-6	22	1.0	5.0	1
10335	Trichlorofluoromethane		75-69-4	23	2.0	5.0	1
10335	1,2,3-Trichloropropane		96-18-4	19	1.0	5.0	1
10335	Vinyl Chloride		75-01-4	20	1.0	5.0	1

General Sample Comments

State of New York Certification No. 10670



Analysis Report

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

Sample Description: B-60 Matrix Spike Water

BP Sanborn COC: R210209

2040 Cory Drive - Sanborn, NY

LL Sample # WW 7123812 LL Group # 1403272 Account # 12495

Project Name: BP Sanborn

Submitted: 07/11/2013 09:20

Reported: 07/15/2013 12:42

Collected: 07/10/2013 14:50 by RCB Atlantic Richfield(Parsons-NY)

BP Corporation

501 WestLake Park Blvd

Houston TX 77079

B60--

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	L131931AA	07/12/2013	14:53	Angela D Sneeringer	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	L131931AA	07/12/2013	14:53	Angela D Sneeringer	1



Analysis Report

Account

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

Sample Description: B-60 Matrix Spike Dup Water

BP Sanborn COC: R210209

2040 Cory Drive - Sanborn, NY

LL Sample # WW 7123813 LL Group # 1403272

12495

Project Name: BP Sanborn

Submitted: 07/11/2013 09:20

Reported: 07/15/2013 12:42

Collected: 07/10/2013 14:50 by RCB Atlantic Richfield(Parsons-NY)

BP Corporation

501 WestLake Park Blvd

Houston TX 77079

B60--

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	17	1.0	5.0	1
10335	Bromobenzene	108-86-1	20	1.0	5.0	1
10335	Bromodichloromethane	75-27-4	19	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	22	1.0	5.0	1
10335	Chlorobenzene	108-90-7	21	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 ether ma preserve this sample.	y not be recovered	if acid was use	ed to		
10335	Chloroform	67-66-3	21	0.80	5.0	1
10335	Chloromethane	74-87-3	18	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	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	21	2.0	5.0	1
10335	1,1-Dichloroethane	75-34-3	21	1.0	5.0	1
10335	1,2-Dichloroethane	107-06-2	21	1.0	5.0	1
10335	1,1-Dichloroethene	75-35-4	21	0.80	5.0	1
10335	cis-1,2-Dichloroethene	156-59-2	21	0.80	5.0	1
10335	trans-1,2-Dichloroethene	156-60-5	21	0.80	5.0	1
10335	1,2-Dichloropropane	78-87-5	21	1.0	5.0	1
10335	cis-1,3-Dichloropropene	10061-01-5	20	1.0	5.0	1
10335	trans-1,3-Dichloropropene	10061-02-6	19	1.0	5.0	1
10335	Methylene Chloride	75-09-2	20	2.0	5.0	1
10335	1,1,1,2-Tetrachloroethane	630-20-6	20	1.0	5.0	1
10335	1,1,2,2-Tetrachloroethane	79-34-5	19	1.0	5.0	1
10335	Tetrachloroethene	127-18-4	22	0.80	5.0	1
10335	1,1,1-Trichloroethane	71-55-6	19	0.80	5.0	1
10335	1,1,2-Trichloroethane	79-00-5	20	0.80	5.0	1
10335	Trichloroethene	79-01-6	21	1.0	5.0	1
10335	Trichlorofluoromethane	75-69-4	23	2.0	5.0	1
10335	1,2,3-Trichloropropane	96-18-4	19	1.0	5.0	1
10335	Vinyl Chloride	75-01-4	20	1.0	5.0	1

General Sample Comments

State of New York Certification No. 10670



Analysis Report

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

Sample Description: B-60 Matrix Spike Dup Water

BP Sanborn COC: R210209

2040 Cory Drive - Sanborn, NY

LL Sample # WW 7123813

LL Group # 1403272 Account # 12495

Project Name: BP Sanborn

Submitted: 07/11/2013 09:20

Reported: 07/15/2013 12:42

Collected: 07/10/2013 14:50 by RCB Atlantic Richfield(Parsons-NY)

BP Corporation

501 WestLake Park Blvd

Houston TX 77079

B60--

	Laboratory Sample Analy	ysis Record		
d	Trial# Batch#	Analysis	Analyst	Dilution
		Date and Time	-	Factor

CAT	Analysis Name	Method	Trial#	Batch#	Analysis		Analyst	Dilution
No.					Date and Tir	ne		Factor
10335	VOCs 8260 Parsons Specs List	SW-846 8260B	1	L131931AA	07/12/2013	15:15	Angela D Sneeringer	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	L131931AA	07/12/2013	15:15	Angela D Sneeringer	1



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Page 1 of 3

Quality Control Summary

Client Name: Atlantic Richfield(Parsons-NY) Group Number: 1403272

Reported: 07/15/13 at 12:42 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>LOO</u>	Report <u>Units</u>	LCS %REC	LCSD %REC	LCS/LCSD <u>Limits</u>	RPD	RPD Max
Batch number: L131931AA	Sample nur	mber(s): 7	123801-71	23813					
Benzyl Chloride	N.D.	1.0	5.0	ug/l	71	72	49-120	1	30
Bromobenzene	N.D.	1.0	5.0	ug/l	90	91	80-120	1	30
Bromodichloromethane	N.D.	1.0	5.0	ug/l	87	88	73-120	1	30
Bromoform	N.D.	1.0	5.0	ug/l	83	83	61-120	0	30
Bromomethane	N.D.	1.0	5.0	ug/l	76	77	51-120	1	30
Carbon Tetrachloride	N.D.	1.0	5.0	uq/l	93	94	65-137	1	30
Chlorobenzene	N.D.	0.80	5.0	ug/l	93	94	80-120	2	30
Chloroethane	N.D.	1.0	5.0	uq/l	75	76	60-120	1	30
2-Chloroethyl Vinyl Ether	N.D.	2.0	10	ug/l	84	84	52-127	0	30
Chloroform	N.D.	0.80	5.0	ug/l	92	94	77-122	2	30
Chloromethane	N.D.	1.0	5.0	ug/l	76	76	54-123	0	30
Dibromochloromethane	N.D.	1.0	5.0	uq/l	87	88	72-120	1	30
Dibromomethane	N.D.	1.0	5.0	uq/l	86	88	80-120	2	30
1,2-Dichlorobenzene	N.D.	1.0	5.0	uq/l	90	92	80-120	2	30
1,3-Dichlorobenzene	N.D.	1.0	5.0	ug/l	91	92	80-120	2	30
1,4-Dichlorobenzene	N.D.	1.0	5.0	ug/l	90	91	80-120	1	30
Dichlorodifluoromethane	N.D.	2.0	5.0	uq/l	82	82	35-122	0	30
1,1-Dichloroethane	N.D.	1.0	5.0	ug/l	91	93	79-120	3	30
1,2-Dichloroethane	N.D.	1.0	5.0	ug/l	93	94	64-130	1	30
1,1-Dichloroethene	N.D.	0.80	5.0	uq/l	88	90	76-124	3	30
cis-1,2-Dichloroethene	N.D.	0.80	5.0	ug/l	90	92	80-120	2	30
trans-1,2-Dichloroethene	N.D.	0.80	5.0	ug/l	90	92	80-120	2	30
1,2-Dichloropropane	N.D.	1.0	5.0	ug/l	95	96	80-120	1	30
cis-1,3-Dichloropropene	N.D.	1.0	5.0	ug/l	91	92	78-120	1	30
trans-1,3-Dichloropropene	N.D.	1.0	5.0	ug/l	87	89	66-124	2	30
Methylene Chloride	N.D.	2.0	5.0	ug/l	89	91	84-118	3	30
1,1,1,2-Tetrachloroethane	N.D.	1.0	5.0	ug/l	89	90	79-120	0	30
1,1,2,2-Tetrachloroethane	N.D.	1.0	5.0	ug/l	91	92	70-129	2	30
Tetrachloroethene	N.D.	0.80	5.0	ug/l	95	93	79-120	3	30
1,1,1-Trichloroethane	N.D.	0.80	5.0	ug/l	86	89	66-126	3	30
1,1,2-Trichloroethane	N.D.	0.80	5.0	ug/l	91	94	80-120	3	30
Trichloroethene	N.D.	1.0	5.0	ug/l	93	94	80-120	2	30
Trichlorofluoromethane	N.D.	2.0	5.0	ug/l	91	93	65-130	2	30
1,2,3-Trichloropropane	N.D.	1.0	5.0	ug/l	89	89	76-120	1	30
Vinyl Chloride	N.D.	1.0	5.0	ug/l	81	81	63-120	1	30

Sample Matrix Quality Control

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

*- 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 2 of 3

Quality Control Summary

Client Name: Atlantic Richfield(Parsons-NY) Group Number: 1403272

Reported: 07/15/13 at 12:42 PM

10portod: 07/13/13 de 12	MS	MSD	MS/MSD		RPD	BKG	DUP	DUP	Dup RPD
Analysis Name	%REC	%REC	<u>Limits</u>	<u>RPD</u>	<u>MAX</u>	Conc	Conc	<u>RPD</u>	<u>Max</u>
Batch number: L131931AA	Sample	number(s)		-71238		PK: 7123811			
Benzyl Chloride	82	83	42-131	0	30				
Bromobenzene	100	99	82-115	1	30				
Bromodichloromethane	96	97	78-125	1	30				
Bromoform	86	87	48-118	1	30				
Bromomethane	93	91	47-129	3	30				
Carbon Tetrachloride	111	110	72-135	1	30				
Chlorobenzene	104	105	87-124	0	30				
Chloroethane	92	90	51-145	3	30				
2-Chloroethyl Vinyl Ether	90	91	10-151	1	30				
Chloroform	106	105	81-134	1	30				
Chloromethane	92	90	46-137	2	30				
Dibromochloromethane	93	94	74-116	1	30				
Dibromomethane	95	94	83-119	1	30				
1,2-Dichlorobenzene	100	100	84-119	0	30				
1,3-Dichlorobenzene	102	102	86-121	0	30				
1,4-Dichlorobenzene	101	101	85-121	0	30				
Dichlorodifluoromethane	109	107	52-129	2	30				
1,1-Dichloroethane	106	105	84-129	1	30				
1,2-Dichloroethane	103	103	68-131	0	30				
1,1-Dichloroethene	106	105	75-155	1	30				
cis-1,2-Dichloroethene	104	103	80-141	1	30				
trans-1,2-Dichloroethene	108	106	81-142	1	30				
1,2-Dichloropropane	107	106	83-124	1	30				
cis-1,3-Dichloropropene	102	102	70-116	0	30				
trans-1,3-Dichloropropene	95	96	74-119	1	30				
Methylene Chloride	101	101	78-133	0	30				
1,1,1,2-Tetrachloroethane	100	100	74-136	0	30				
1,1,2,2-Tetrachloroethane	96	96	72-128	1	30				
Tetrachloroethene	110	109	80-128	0	30				
1,1,1-Trichloroethane	95	95	69-140	0	30				
1,1,2-Trichloroethane	100	101	71-141	0	30				
Trichloroethene	110	107	88-133	3	30				
Trichlorofluoromethane	115	115	64-146	0	30				
1,2,3-Trichloropropane	96	94	76-118	1	30				
Vinyl Chloride	102	101	66-133	1	30				
_									

Surrogate Quality Control

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

Analysis Name: PPL + Xylene (total) by 8260

Batch number: L131931AA

	Dibromofluoromethane	1,2-Dichloroethane-d4	Toluene-d8	4-Bromofluorobenzene
7123801	98	101	100	98
7123802	99	101	100	98
7123803	98	101	99	98
7123804	99	101	100	98
7123805	99	101	99	98
7123806	99	102	100	98

- *- 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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Environmental

Page 3 of 3

Quality Control Summary

	Name: Atlantic		rsons-NY)		Group	Number:	1403272
Reporte	ed: 07/15/13 at	: 12:42 PM					
			Surrogate	Quality	Control		
7123807	99	100	100	98			
7123808	99	102	100	97			
7123809	98	101	100	97			
7123810	98	101	100	97			
7123811	98	101	100	99			
7123812	100	101	101	98			
7123813	99	100	101	99			
Blank	99	102	99	98			
LCS	98	99	101	99			
LCSD	98	99	101	99			
MS	100	101	101	98			
MSD	99	100	101	99			
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.

*	bp ***	r	m	1
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4-12495 G-1403272 S-7123801-14 Laboratory Management Program LaMP Chain of Custody Record R210210 BP Site Node Path: BP, Sanborn

f Custody Record	R210210	Pag	je / c	of 2
Req Due Date (mm/dd/yy):		Rush TAT:	Yes	No 🖌

		Facility No:		•								L	.ab W	ork C	Order	Numb	er: _							
Lab Na	me: Lancaster Labs	*		Facili	ty Addre	ss: 7	204	o C	.874	D	٠,						Consu	ltant/C	ontracto	or: T) Ovs.	ons		
Lab Ad	dress: 2425 New Holland Pi	le Cancas	ler PA 17601	City,	State, ZI	P Cod	le: {	Son	ומפל	ار ر	γ	14132	,				Consu	ltant/C	ontracto	or Proje	ect No	:		
Lab PM	Kaitlim Plaxterer			Lead	Regulat	ory Ag	ency:	N	420	ËC							Addres	ss:46	Cake	viere	1).	Sute 350 Bu	Falo, NY	14202
	one: (717)656-23	300		Califo	rnia Glo	bal ID	No.:										Consu	ltant/C	ontracto	or PM:	Ge	orge Herman	ce .	
	ipping Acent:			Enfos	Propos	al No:	D	00	B4	-00	04						Phone	516	967	-499	lΩ	Email:		
Lab Bo	ttle Order No: 141514			Acco	unting M	ode:	Ø	Prov	vision		000	C-BU	_ 00	C-RM	<u> </u>	•	Email I	EDD T	o:Lorr	raine	w	and to la	ab.enfosdoc@	bp.com
Other I				Stage	e: 60	3		Ac	tivity:	81							Invoice	то:		В		Contracto	r	
BP Pro	ject Manager (PM): Bill Barbi	? (Matrix		No	. Cor	ntaine	ers / F	Prese	rvative			ı	Requ	ested	Anal	yses			Report Ty	pe & QC Le	evel
BP PM	Phone: (216) 271-8038																					St	andard	
BP PM	Email:]			tainer															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	ŦĊĪ	Methanol	8240									Co Note: If sample not Sample" in commer and initial any prepi	nts and single-st	trike out
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Sample	er's Name: Richard C Bo	reken		_			•			ffiliat	ion		_	ate	-	me			Accep	ted By	/ / Aff	filiation	Date	Time
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bp A-12495 G-1403272 S-7123801-14 Laboratory Management Program LaMP Chain of Custody Recommendation BP Site Node Path: BP, Sandorn Req Due Date (mm/dd/ . R210200

stoay Recora	11210200	Page	_ of
Due Date (mm/dd/yy):		Rush TAT: Yes	_ No <u>/</u>

7		ВР	Facility No:												Lab	Wo	rk Ord									
ab Nam	e: Lancaster Cabs			Facil	lity A	ddres	s: 7	2040		5 ~ч	Dr.	,		***			•	Con	Consultant/Contractor: Pars							
.ab Addr	ess: 2475 New Holland like	e Lancasto	PA 11601	City,	Stat	e, ZIF	Coc	de: <		bor	n, h	М 1	413	2					Consultant/Contractor Project No:							
ab PM:										345								Add	Address: 40 Lakurere Dr. Suite 350, Buffalo, HY 14202 Consultant/Contractor PM: George Hermance							
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7	THIS LINE - LAB USE ONLY: Custo	dy Seals In Plac	e Yes No		Tem	Bla	nk (Y	es/N	0	l c	ooler	Temp	on Re	ceipt:	<u>ک.ما</u>		_°F(C)	Ιт	rip Bla	ink(Y	es)No	<u> </u>	MS	S/MSD Sample Sub	mitted (Yes)No

💸 eurofins Lancaster Laboratories

G-1403272 Environmental Sample Administration Receipt Documentation Log

Client/	Project:	Parso	2nc	Shipping Container Sealed: YES NO							
Date of	f Receipt:	1).[1	. 13	Custody	Seal Pres	sent * : YE	S NO				
Time o	f Receipt:	930	<u> </u>	* Custody seal was intact unless otherwise noted in the discrepancy section							
Source	Code:	5	2-1	Package		Chille	d Not Chilled				
			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	St 1396				
1	04131	6.5	TB	ω I	\rightarrow	B	3.9 3.6				
2		/									
3											
4					/						
5											
6											
Numbe	r of Trip Blank	s received <u>N</u>	OT listed on chain	of custody:	3						
Paperwork Discrepancy/Unpacking Problems: TB was out Side of Bag away from FCE Recay Wal High Femp B-6/											
not on coc											
Unpacl	Unpacker Signature/Emp#: Buchy Saulay Date/Time: 7:11:13 12:23										



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)	Ĺ	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

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 per liter of gas.

ppb parts per billion

Dry weightResults 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.

Data Qualifiers:

C - result confirmed by reanalysis.

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

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	Ε	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
Ε	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 EUROFINS LANCASTER LABORATORIES ENVIRONMENTAL, LLC 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 EUROFINS LANCASTER LABORATORIES ENVIRONMENTAL AND (B) WHETHER EUROFINS LANCASTER LABORATORIES ENVIRONMENTAL 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 Eurofins Lancaster Laboratories Environmental which includes any conditions that vary from the Standard Terms and Conditions, and Eurofins Lancaster Laboratories Environmental 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 Environmental 2425 New Holland Pike Lancaster, PA 17601

EL ECEDONIC

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

July 18, 2013

Project: BP Sanborn

Submittal Date: 07/12/2013 Group Number: 1403698 PO Number: D00B4-0004 Release Number: BARBER State of Sample Origin: NY

Client Sample Description	Lancaster Labs (LL) #
P-2 Water	7125530
PW-4 Water	7125531
B-38 Water	7125532
B-21 Water	7125533
B-22 Water	7125534
B-28 Water	7125535
Field Dup #6 Water	7125536
T002 Water	7125537

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

ELECTRONIC COPY TO	Parsons	Attn: George Hermance
ELECTRONIC	Parsons	Attn: Lorraine Weber
COPY TO		
ELECTRONIC	Parsons	Attn: Eric Felter
COPY TO		
ELECTRONIC	Parsons	Attn: Doug Taylor
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 #: 1403698

General Comments:

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

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

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

Project specific QC samples are not included in this data set

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

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

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

Analysis Specific Comments:

SW-846 8260B, GC/MS Volatiles

Batch #: N131962AA (Sample number(s): 7125530-7125531 UNSPK: P123314)

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

<u>Sample #s: 7125537</u>

Reporting limits were raised due to sample foaming.



Analysis Report

Account

LL Sample # WW 7125530

12495

LL Group # 1403698

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: R210208

2040 Cory Drive - Sanborn, NY

Project Name: BP Sanborn

Submitted: 07/12/2013 09:20

Reported: 07/18/2013 20:07

Collected: 07/11/2013 09:10 by RCB Atlantic Richfield(Parsons-NY)

BP Corporation

501 WestLake Park Blvd

Houston TX 77079

P2---

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	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	1.2	J	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	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	77		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	21		0.80	5.0	1
10335	cis-1,2-Dichloroethene	156-59-2	780		8.0	50	10
10335	trans-1,2-Dichloroethene	156-60-5	9.1		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	1.3	J	0.80	5.0	1
10335	1,1,1-Trichloroethane	71-55-6	530		8.0	50	10
10335	1,1,2-Trichloroethane	79-00-5	1.3	J	0.80	5.0	1
10335	Trichloroethene	79-01-6	8,700		100	500	100
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	44		1.0	5.0	1

General Sample Comments

State of New York Certification No. 10670



Analysis Report

LL Sample # WW 7125530

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: R210208

2040 Cory Drive - Sanborn, NY

LL Group # 1403698 Account # 12495

Project Name: BP Sanborn

Submitted: 07/12/2013 09:20

Reported: 07/18/2013 20:07

Collected: 07/11/2013 09:10 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	N131951AA	07/14/2013 19:07	Sarah A Guill	1			
10335	VOCs 8260 Parsons Specs List	SW-846 8260B	1	N131951AA	07/14/2013 19:31	Sarah A Guill	10			
10335	VOCs 8260 Parsons Specs List	SW-846 8260B	1	N131962AA	07/16/2013 00:17	Sarah A Guill	100			
01163	GC/MS VOA Water Prep	SW-846 5030B	1	N131951AA	07/14/2013 19:07	Sarah A Guill	1			
01163	GC/MS VOA Water Prep	SW-846 5030B	2	N131951AA	07/14/2013 19:31	Sarah A Guill	10			
01163	GC/MS VOA Water Prep	SW-846 5030B	3	N131962AA	07/16/2013 00:17	Sarah A Guill	100			

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



Analysis Report

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: R210208 2040 Cory Drive - Sanborn, NY

LL Group # 1403698 Account # 12495

LL Sample # WW 7125531

Project Name: BP Sanborn

Submitted: 07/12/2013 09:20

Reported: 07/18/2013 20:07

Collected: 07/11/2013 08:55 by RCB Atlantic Richfield(Parsons-NY)

BP Corporation

501 WestLake Park Blvd

Houston TX 77079

PW4--

CAT No.	Analysis Name		CAS Number	As Rec Result		As Received Method Detection Limit*	As Received Limit of Quantitation	Dilution Factor
	Volatiles SW	-846 82	60B	ug/l		ug/l	ug/l	1 40001
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 eth preserve this sample.			if acid	was use			
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	9	75-71-8	N.D.		2.0	5.0	1
10335	1,1-Dichloroethane		75-34-3	1.2	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	44		0.80	5.0	1
10335	trans-1,2-Dichloroether	ne	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-Dichloroprop	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-Tetrachloroeth		630-20-6	N.D.		1.0	5.0	1
10335	1,1,2,2-Tetrachloroeth	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	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	2.0	J	1.0	5.0	1
10335	Trichlorofluoromethane		75-69-4	N.D.		2.0	5.0	1
10335	1,2,3-Trichloropropane		96-18-4	N.D.		1.0	5.0	1
10335	Vinyl Chloride		75-01-4	3.0	J	1.0	5.0	1

General Sample Comments

State of New York Certification No. 10670



Analysis Report

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: R210208 2040 Cory Drive - Sanborn, NY

LL Group # 1403698 Account # 12495

LL Sample # WW 7125531

Project Name: BP Sanborn

Submitted: 07/12/2013 09:20

Reported: 07/18/2013 20:07

Collected: 07/11/2013 08:55 by RCB Atlantic Richfield(Parsons-NY)

BP Corporation

501 WestLake Park Blvd

Houston TX 77079

PW4--

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
10335	VOCs 8260 Parsons Specs List	SW-846 8260B	1	N131962AA	07/15/2013 23:30	Sarah A Guill	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	N131962AA	07/15/2013 23:30	Sarah A Guill	1



Analysis Report

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: R210208 2040 Cory Drive - Sanborn, NY LL Group # 1403698 Account # 12495

LL Sample # WW 7125532

Project Name: BP Sanborn

Submitted: 07/12/2013 09:20

Reported: 07/18/2013 20:07

Collected: 07/11/2013 08:45 by RCB Atlantic Richfield(Parsons-NY)

BP Corporation

501 WestLake Park Blvd

Houston TX 77079

B38--

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	l 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	1.6	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	0.94	J	0.80	5.0	1
10335	cis-1,2-Dichloroethene	156-59-2	60		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	52		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	1.9	J	1.0	5.0	1

General Sample Comments

State of New York Certification No. 10670



Analysis Report

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: R210208 2040 Cory Drive - Sanborn, NY LL Group # 1403698 Account # 12495

LL Sample # WW 7125532

Project Name: BP Sanborn

Submitted: 07/12/2013 09:20

Reported: 07/18/2013 20:07

Collected: 07/11/2013 08:45 by RCB Atlantic Richfield(Parsons-NY)

BP Corporation

501 WestLake Park Blvd

Houston TX 77079

B38--

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
10335	VOCs 8260 Parsons Specs List	SW-846 8260B	1	N131951AA	07/14/2013 20:18	Sarah A Guill	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	N131951AA	07/14/2013 20:18	Sarah A Guill	1



Analysis Report

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: R210208 2040 Cory Drive - Sanborn, NY

LL Group # 1403698 Account # 12495

LL Sample # WW 7125533

Project Name: BP Sanborn

Submitted: 07/12/2013 09:20

Reported: 07/18/2013 20:07

Collected: 07/11/2013 12:25 by RCB Atlantic Richfield(Parsons-NY)

BP Corporation

501 WestLake Park Blvd

Houston TX 77079

B21--

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit*	As Received Limit of Quantitation	Dilution Factor
GC/MS	Volatiles SW-846	8260B	ug/l	ug/l	ug/l	
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.	y 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



Analysis Report

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: R210208 2040 Cory Drive - Sanborn, NY LL Group # 1403698 Account # 12495

LL Sample # WW 7125533

Project Name: BP Sanborn

Submitted: 07/12/2013 09:20

Reported: 07/18/2013 20:07

Collected: 07/11/2013 12:25 by RCB Atlantic Richfield(Parsons-NY)

BP Corporation

501 WestLake Park Blvd

Houston TX 77079

B21--

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
10335	VOCs 8260 Parsons Specs List	SW-846 8260B	1	N131951AA	07/14/2013 20:42	Sarah A Guill	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	N131951AA	07/14/2013 20:42	Sarah A Guill	1



Analysis Report

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

Sample Description: B-22 Water

BP Sanborn COC: R210208 2040 Cory Drive - Sanborn, NY LL Group # 1403698 Account # 12495

LL Sample # WW 7125534

Project Name: BP Sanborn

Submitted: 07/12/2013 09:20

Reported: 07/18/2013 20:07

Collected: 07/11/2013 13:10 by RCB Atlantic Richfield(Parsons-NY)

BP Corporation

501 WestLake Park Blvd

Houston TX 77079

B22--

CAT No.	Analysis Name		CAS Number	As Rece Result	eived	As Received Method Detection Limit*	As Received Limit of Quantitation	Dilution Factor
	Volatiles SW	-846 82	60B	ug/l		ug/l	ug/l	ractor
10335	Benzyl Chloride	010 02	100-44-7	N.D.		1.0	5.0	1
10335	Bromobenzene		100-44-7	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
10333	2-Chloroethyl vinyl eth preserve this sample.				was use		10	1
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	е	75-71-8	N.D.		2.0	5.0	1
10335	1,1-Dichloroethane		75-34-3	1.2	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	150		0.80	5.0	1
10335	trans-1,2-Dichloroether	ne	156-60-5	5.7		0.80	5.0	1
10335	1,2-Dichloropropane		78-87-5	N.D.		1.0	5.0	1
10335	cis-1,3-Dichloropropen	e	10061-01-5	N.D.		1.0	5.0	1
10335	trans-1,3-Dichloroprop	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-Tetrachloroeth	ane	630-20-6	N.D.		1.0	5.0	1
10335	1,1,2,2-Tetrachloroeth	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	53		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



Analysis Report

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

Sample Description: B-22 Water

BP Sanborn COC: R210208 2040 Cory Drive - Sanborn, NY

LL Group # 1403698 Account # 12495

LL Sample # WW 7125534

Project Name: BP Sanborn

Submitted: 07/12/2013 09:20

Reported: 07/18/2013 20:07

Collected: 07/11/2013 13:10 by RCB Atlantic Richfield(Parsons-NY)

BP Corporation

501 WestLake Park Blvd

Houston TX 77079

B22--

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
10335	VOCs 8260 Parsons Specs List	SW-846 8260B	1	N131951AA	07/14/2013 21:05	Sarah A Guill	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	N131951AA	07/14/2013 21:05	Sarah A Guill	1



Analysis Report

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

Sample Description: B-28 Water

BP Sanborn COC: R210208 2040 Cory Drive - Sanborn, NY

LL Group # 1403698 Account # 12495

LL Sample # WW 7125535

Project Name: BP Sanborn

Submitted: 07/12/2013 09:20

Reported: 07/18/2013 20:07

Collected: 07/11/2013 13:45 by RCB Atlantic Richfield(Parsons-NY)

BP Corporation

501 WestLake Park Blvd

Houston TX 77079

B28--

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



Analysis Report

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

Sample Description: B-28 Water

BP Sanborn COC: R210208 2040 Cory Drive - Sanborn, NY LL Group # 1403698 Account # 12495

LL Sample # WW 7125535

Project Name: BP Sanborn

Submitted: 07/12/2013 09:20

Reported: 07/18/2013 20:07

Collected: 07/11/2013 13:45 by RCB Atlantic Richfield(Parsons-NY)

BP Corporation

501 WestLake Park Blvd

Houston TX 77079

B28--

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
10335	VOCs 8260 Parsons Specs List	SW-846 8260B	1	N131951AA	07/14/2013 21:29	Sarah A Guill	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	N131951AA	07/14/2013 21:29	Sarah A Guill	1



Analysis Report

Account

LL Sample # WW 7125536 LL Group # 1403698

12495

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

Sample Description: Field Dup #6 Water

BP Sanborn COC: R210208 2040 Cory Drive - Sanborn, NY

Project Name: BP Sanborn

Submitted: 07/12/2013 09:20

Reported: 07/18/2013 20:07

Collected: 07/11/2013 by RCB Atlantic Richfield(Parsons-NY)

BP Corporation

501 WestLake Park Blvd

Houston TX 77079

FD6--

CAT No.	Analysis Name	CAS Number	As Rece Result	ived	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 used	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	1.2	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	45		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	1.4	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		J	1.0	5.0	1
10335	Trichlorofluoromethane	75-69-4	N.D.		2.0	5.0	1
10335	1,2,3-Trichloropropane	96-18-4	N.D.		1.0	5.0	1
10335	Vinyl Chloride	75-01-4	3.0	J	1.0	5.0	1

General Sample Comments

State of New York Certification No. 10670



Analysis Report

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

Sample Description: Field Dup #6 Water

BP Sanborn COC: R210208

2040 Cory Drive - Sanborn, NY

LL Group # 1403698 Account # 12495

LL Sample # WW 7125536

Project Name: BP Sanborn

Submitted: 07/12/2013 09:20

Reported: 07/18/2013 20:07

Collected: 07/11/2013 by RCB Atlantic Richfield(Parsons-NY)

BP Corporation

501 WestLake Park Blvd

Houston TX 77079

FD6--

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
10335	VOCs 8260 Parsons Specs List	SW-846 8260B	1	N131951AA	07/14/2013 21:53	Sarah A Guill	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	N131951AA	07/14/2013 21:53	Sarah A Guill	1



Analysis Report

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

Sample Description: T002 Water

BP Sanborn COC: R210208 2040 Cory Drive - Sanborn, NY

LL Group # 1403698 Account # 12495

LL Sample # WW 7125537

Project Name: BP Sanborn

Submitted: 07/12/2013 09:20

Reported: 07/18/2013 20:07

Collected: 07/11/2013 11:26 by RCB Atlantic Richfield(Parsons-NY)

BP Corporation

501 WestLake Park Blvd

Houston TX 77079

T002-

CAT No.	Analysis Name		CAS Number	As Recei Result	As Rec Wethod Detect	 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.	5.0	25	5
10335	Bromobenzene		108-86-1	N.D.	5.0	25	5
10335	Bromodichloromethane		75-27-4	N.D.	5.0	25	5
10335	Bromoform		75-25-2	N.D.	5.0	25	5
10335	Bromomethane		74-83-9	N.D.	5.0	25	5
10335	Carbon Tetrachloride		56-23-5	N.D.	5.0	25	5
10335	Chlorobenzene		108-90-7	N.D.	4.0	25	5
10335	Chloroethane		75-00-3	N.D.	5.0	25	5
10335	2-Chloroethyl Vinyl H	Ether	110-75-8	N.D.	10	50	5
	2-Chloroethyl vinyl e preserve this sample.		not be recovered	d if acid w	as used to		
10335	Chloroform		67-66-3	N.D.	4.0	25	5
10335	Chloromethane		74-87-3	N.D.	5.0	25	5
10335	Dibromochloromethane		124-48-1	N.D.	5.0	25	5
10335	Dibromomethane		74-95-3	N.D.	5.0	25	5
10335	1,2-Dichlorobenzene		95-50-1	N.D.	5.0	25	5
10335	1,3-Dichlorobenzene		541-73-1	N.D.	5.0	25	5
10335	1,4-Dichlorobenzene		106-46-7	N.D.	5.0	25	5
10335	Dichlorodifluorometha	ane	75-71-8	N.D.	10	25	5
10335	1,1-Dichloroethane		75-34-3		J 5.0	25	5
10335	1,2-Dichloroethane		107-06-2	N.D.	5.0	25	5
10335	1,1-Dichloroethene		75-35-4	N.D.	4.0	25	5
10335	cis-1,2-Dichloroether		156-59-2	300	4.0	25	5
10335	trans-1,2-Dichloroeth	nene	156-60-5	N.D.	4.0	25	5
10335	1,2-Dichloropropane		78-87-5	N.D.	5.0	25	5
10335	cis-1,3-Dichloroprope		10061-01-5	N.D.	5.0	25	5
10335	trans-1,3-Dichloropro	opene	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-Tetrachloroet		630-20-6	N.D.	5.0	25	5
10335	1,1,2,2-Tetrachloroet	hane	79-34-5	N.D.	5.0	25	5
10335	Tetrachloroethene		127-18-4	N.D.	4.0	25	5
10335	1,1,1-Trichloroethane		71-55-6	N.D.	4.0	25	5
10335	1,1,2-Trichloroethane	2	79-00-5	N.D.	4.0	25	5
10335	Trichloroethene		79-01-6	580	5.0	25	5
10335	Trichlorofluoromethan		75-69-4	N.D.	10	25	5
10335	1,2,3-Trichloropropar	ıe	96-18-4	N.D.	5.0	25	5
10335 Repo:	Vinyl Chloride rting limits were rais	ed due t	75-01-4 o sample foaming.	15	J 5.0	25	5

General Sample Comments

State of New York Certification No. 10670



Analysis Report

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

Sample Description: T002 Water

BP Sanborn COC: R210208 2040 Cory Drive - Sanborn, NY

LL Group # 1403698 Account # 12495

LL Sample # WW 7125537

Project Name: BP Sanborn

Submitted: 07/12/2013 09:20

Reported: 07/18/2013 20:07

Collected: 07/11/2013 11:26 by RCB Atlantic Richfield(Parsons-NY)

BP Corporation

501 WestLake Park Blvd

Houston TX 77079

T002-

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
10335	VOCs 8260 Parsons Specs	SW-846 8260B	1	N131951AA	07/14/2013 22:16	Sarah A Guill	5
01163	GC/MS VOA Water Prep	SW-846 5030B	1	N131951AA	07/14/2013 22:16	Sarah A Guill	5



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Quality Control Summary

Client Name: Atlantic Richfield(Parsons-NY) Group Number: 1403698

Reported: 07/18/13 at 08:07 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>LOO</u>	Report <u>Units</u>	LCS %REC	LCSD %REC	LCS/LCSD <u>Limits</u>	RPD	RPD Max
Batch number: N131951AA	Sample numl	ber(s): 71	25530,712	5532-7125537	7				
Benzyl Chloride	N.D.	1.0	5.0	uq/l	79		49-120		
Bromobenzene	N.D.	1.0	5.0	uq/l	100		80-120		
Bromodichloromethane	N.D.	1.0	5.0	ug/l	100		73-120		
Bromoform	N.D.	1.0	5.0	ug/l	85		61-120		
Bromomethane	N.D.	1.0	5.0	ug/l	96		51-120		
Carbon Tetrachloride	N.D.	1.0	5.0	ug/l	108		65-137		
Chlorobenzene	N.D.	0.80	5.0	ug/l	105		80-120		
Chloroethane	N.D.	1.0	5.0	ug/l	101		60-120		
2-Chloroethyl Vinyl Ether	N.D.	2.0	10	ug/l	112		52-127		
Chloroform	N.D.	0.80	5.0	ug/l	113		77-122		
Chloromethane	N.D.	1.0	5.0	ug/l	96		54-123		
Dibromochloromethane	N.D.	1.0	5.0	ug/l	95		72-120		
Dibromomethane	N.D.	1.0	5.0	ug/l	101		80-120		
1,2-Dichlorobenzene	N.D.	1.0	5.0	ug/l	100		80-120		
1,3-Dichlorobenzene	N.D.	1.0	5.0	ug/l	99		80-120		
1,4-Dichlorobenzene	N.D.	1.0	5.0	ug/l	100		80-120		
Dichlorodifluoromethane	N.D.	2.0	5.0	ug/l	91		35-122		
1,1-Dichloroethane	N.D.	1.0	5.0	ug/l	111		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	104		76-124		
cis-1,2-Dichloroethene	N.D.	0.80	5.0	ug/l	106		80-120		
trans-1,2-Dichloroethene	N.D.	0.80	5.0	ug/l	109		80-120		
1,2-Dichloropropane	N.D.	1.0	5.0	ug/l	106		80-120		
cis-1,3-Dichloropropene	N.D.	1.0	5.0	ug/l	102		78-120		
trans-1,3-Dichloropropene	N.D.	1.0	5.0	ug/l	98		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	99		79-120		
1,1,2,2-Tetrachloroethane	N.D.	1.0	5.0	ug/l	94		70-129		
Tetrachloroethene	N.D.	0.80	5.0	ug/l	107		79-120		
1,1,1-Trichloroethane 1,1,2-Trichloroethane	N.D. N.D.	0.80 0.80	5.0 5.0	ug/l	118 106		66-126		
Trichloroethene				ug/l			80-120		
Trichlorofluoromethane	N.D. N.D.	1.0	5.0 5.0	ug/l	112		80-120		
1,2,3-Trichloropropane		2.0	5.0	ug/l ug/l	106 106		65-130		
	N.D.	1.0					76-120		
Vinyl Chloride	N.D.	1.0	5.0	ug/l	104		63-120		
Batch number: N131962AA	Sample numl	ber(s): 71	25530-712	5531					
Benzyl Chloride	N.D.	1.0	5.0	ug/l	73		49-120		
Bromobenzene	N.D.	1.0	5.0	ug/l	96		80-120		
Bromodichloromethane	N.D.	1.0	5.0	ug/l	100		73-120		
Bromoform	N.D.	1.0	5.0	ug/l	78		61-120		
Bromomethane	N.D.	1.0	5.0	ug/l	98		51-120		
Carbon Tetrachloride	N.D.	1.0	5.0	ug/l	109		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.



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Quality Control Summary

Client Name: Atlantic Richfield(Parsons-NY) Group Number: 1403698

Reported: 07/18/13 at 08:07 PM

	Blank	Blank	Blank	Report	LCS	LCSD	LCS/LCSD		
<u>Analysis Name</u>	<u>Result</u>	MDL**	LOO	<u>Units</u>	%REC	%REC	<u>Limits</u>	RPD	RPD Max
Chlorobenzene	N.D.	0.80	5.0	ug/l	102		80-120		
Chloroethane	N.D.	1.0	5.0	ug/l	100		60-120		
2-Chloroethyl Vinyl Ether	N.D.	2.0	10	ug/l	110		52-127		
Chloroform	N.D.	0.80	5.0	ug/l	115		77-122		
Chloromethane	N.D.	1.0	5.0	ug/l	92		54-123		
Dibromochloromethane	N.D.	1.0	5.0	ug/l	92		72-120		
Dibromomethane	N.D.	1.0	5.0	ug/l	99		80-120		
1,2-Dichlorobenzene	N.D.	1.0	5.0	ug/l	95		80-120		
1,3-Dichlorobenzene	N.D.	1.0	5.0	ug/l	95		80-120		
1,4-Dichlorobenzene	N.D.	1.0	5.0	ug/l	95		80-120		
Dichlorodifluoromethane	N.D.	2.0	5.0	ug/l	94		35-122		
1,1-Dichloroethane	N.D.	1.0	5.0	ug/l	109		79-120		
1,2-Dichloroethane	N.D.	1.0	5.0	ug/l	126		64-130		
1,1-Dichloroethene	N.D.	0.80	5.0	ug/l	104		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	108		80-120		
1,2-Dichloropropane	N.D.	1.0	5.0	ug/l	104		80-120		
cis-1,3-Dichloropropene	N.D.	1.0	5.0	ug/l	98		78-120		
trans-1,3-Dichloropropene	N.D.	1.0	5.0	ug/l	96		66-124		
Methylene Chloride	N.D.	2.0	5.0	ug/l	105		84-118		
1,1,1,2-Tetrachloroethane	N.D.	1.0	5.0	ug/l	96		79-120		
1,1,2,2-Tetrachloroethane	N.D.	1.0	5.0	ug/l	88		70-129		
Tetrachloroethene	N.D.	0.80	5.0	ug/l	106		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	102		80-120		
Trichloroethene	N.D.	1.0	5.0	ug/l	110		80-120		
Trichlorofluoromethane	N.D.	2.0	5.0	ug/l	106		65-130		
1,2,3-Trichloropropane	N.D.	1.0	5.0	ug/l	98		76-120		
Vinyl Chloride	N.D.	1.0	5.0	ug/l	101		63-120		

Sample Matrix Quality Control

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

Analysis Name	MS <u>%REC</u>	MSD %REC	MS/MSD <u>Limits</u>	RPD	RPD <u>MAX</u>	BKG <u>Conc</u>	DUP <u>Conc</u>	DUP <u>RPD</u>	Dup RPD <u>Max</u>
Batch number: N131951AA	Sample	number(s)	: 7125530	71255	32-7125	5537 UNSPK	: P121206		
Benzyl Chloride	71	71	42-131	1	30				
Bromobenzene	100	100	82-115	0	30				
Bromodichloromethane	102	102	78-125	0	30				
Bromoform	80	79	48-118	2	30				
Bromomethane	102	105	47-129	2	30				
Carbon Tetrachloride	122	123	72-135	0	30				
Chlorobenzene	106	107	87-124	1	30				
Chloroethane	106	109	51-145	2	30				
2-Chloroethyl Vinyl Ether	106	108	10-151	2	30				
Chloroform	120	119	81-134	1	30				
Chloromethane	99	100	46-137	2	30				
Dibromochloromethane	94	93	74-116	1	30				
Dibromomethane	101	102	83-119	1	30				
1,2-Dichlorobenzene	99	100	84-119	1	30				
1,3-Dichlorobenzene	101	100	86-121	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: 1403698

Reported: 07/18/13 at 08:07 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>	<u>RPD</u>	<u>MAX</u>	<u>Conc</u>	<u>Conc</u>	<u>RPD</u>	Max
1,4-Dichlorobenzene	100	100	85-121	0	30				
Dichlorodifluoromethane	121	122	52-129	1	30				
1,1-Dichloroethane	115	116	84-129	1	30				
1,2-Dichloroethane	128	129	68-131	0	30				
1,1-Dichloroethene	113	113	75-155	1	30				
cis-1,2-Dichloroethene	109	109	80-141	1	30				
trans-1,2-Dichloroethene	114	114	81-142	0	30				
1,2-Dichloropropane	108	109	83-124	1	30				
cis-1,3-Dichloropropene	99	101	70-116	2	30				
trans-1,3-Dichloropropene	95	96	74-119	1	30				
Methylene Chloride	110	109	78-133	1	30				
1,1,1,2-Tetrachloroethane	100	99	74-136	0	30				
1,1,2,2-Tetrachloroethane	92	91	72-128	0	30				
Tetrachloroethene	116	118	80-128	1	30				
1,1,1-Trichloroethane	128	130	69-140	1	30				
1,1,2-Trichloroethane	104	103	71-141	1	30				
Trichloroethene	119	118	88-133	1	30				
Trichlorofluoromethane	131	129	64-146	1	30				
		99		1	30				
1,2,3-Trichloropropane	98		76-118	1					
Vinyl Chloride	113	114	66-133	Τ	30				
Batch number: N131962AA	Sample	number(s)	: 7125530	-712553	31 UNSP	K: P123314			
Benzyl Chloride	73	74	42-131	2	30				
Bromobenzene	100	101	82-115	1	30				
Bromodichloromethane	104	104	78-125	0	30				
Bromoform	79	80	48-118	0	30				
Bromomethane	103	105	47-129	2	30				
Carbon Tetrachloride	125	124	72-135	1	30				
Chlorobenzene	107	108	87-124	0	30				
Chloroethane	107	108	51-145	1	30				
2-Chloroethyl Vinyl Ether	111	109	10-151	2	30				
Chloroform	122	121	81-134	1	30				
Chloromethane	101	100	46-137	1	30				
Dibromochloromethane	94	93	74-116	0	30				
Dibromomethane	103	103	83-119	0	30				
1,2-Dichlorobenzene	100	100	84-119	0	30				
1,3-Dichlorobenzene	101	101	86-121	0	30				
1,4-Dichlorobenzene	100	100	85-121	0	30				
Dichlorodifluoromethane	130*	126	52-129	3	30				
1,1-Dichloroethane	118	116	84-129	2	30				
1,2-Dichloroethane	132*	130	68-131	1	30				
1,1-Dichloroethene	118	116	75-155	1	30				
cis-1,2-Dichloroethene	114	113	80-141	1	30				
trans-1,2-Dichloroethene	118	115	81-142	2	30				
1,2-Dichloropropane	110	109	83-124	1	30				
cis-1,3-Dichloropropene	102	102	70-116	0	30				
trans-1,3-Dichloropropene	98	98	74-119	1	30				
				1	30				
Methylene Chloride 1,1,1,2-Tetrachloroethane	112 101	111 100	78-133 74-136	1	30				
1,1,2,2-Tetrachloroethane	87	89 127 +	72-128	2 2	30 30				
Tetrachloroethene	134*	137*	80-128						
1,1,1-Trichloroethane	130	129	69-140	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.

Analysis Report

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Page 4 of 4

Quality Control Summary

Client Name: Atlantic Richfield(Parsons-NY) Group Number: 1403698

Reported: 07/18/13 at 08:07 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
1,1,2-Trichloroethane	103	105	71-141	2	30				
Trichloroethene	122	121	88-133	1	30				
Trichlorofluoromethane	133	129	64-146	3	30				
1,2,3-Trichloropropane	99	97	76-118	3	30				
Vinyl Chloride	115	115	66-133	1	30				

Surrogate Quality Control

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

Analysis Name: PPL + Xylene (total) by 8260

Batch number: N131951AA

	Dibromofluoromethane	1,2-Dichloroethane-d4	Toluene-d8	4-Bromofluorobenzene	
7125530	104	103	102	98	
7125532	102	104	101	99	
7125533	102	104	101	100	
7125534	104	103	102	99	
7125535	101	105	101	98	
7125536	102	103	100	99	
7125537	103	103	101	98	
Blank	101	103	100	100	
LCS	103	103	103	102	
MS	104	104	101	102	
MSD	103	103	102	102	
Limits:	80-116	77-113	80-113	78-113	

Analysis Name: PPL + Xylene (total) by 8260 Batch number: N131962AA

Baccii ilu	Dibromofluoromethane	1,2-Dichloroethane-d4	Toluene-d8	4-Bromofluorobenzene	
7125531	104	105	100	100	
Blank	103	103	101	99	
LCS	104	102	101	102	
MS	104	104	101	103	
MSD	103	104	102	103	
Limits:	80-116	77-113	80-113	78-113	

^{*-} Outside of specification

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

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

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

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Laboratory Management Program LaMP Chain of Custody Recor

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લું 14036૧૪ Environmental Sample Administration Receipt Documentation Log

Client/f	Project:	BP		Shipping	g Containe	r Sealed: ਅ	ES NO					
Date of	f Receipt:	7/12/13	}	Custody	Seal Pres	ent*: (Y	ES NO					
Time o	f Receipt:	092	•	* Custody seal was intact unless otherwise noted in the discrepancy section								
Source	Code:	50	-1	Package		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	Comments					
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Explanation of Symbols and Abbreviations

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

RL	Reporting Limit	BMQL	Below Minimum Quantitation Level
N.D.	none detected	MPN	Most Probable Number
TNTC	Too Numerous To Count	CP Units	cobalt-chloroplatinate units
IU	International Units	NTU	nephelometric turbidity units
umhos/cm	micromhos/cm	ng	nanogram(s)
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)	Ĺ	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

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 per liter of gas.

ppb parts per billion

Dry weightbasis
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.

Data Qualifiers:

C - result confirmed by reanalysis.

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

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	Ε	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
Ε	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 EUROFINS LANCASTER LABORATORIES ENVIRONMENTAL, LLC 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 EUROFINS LANCASTER LABORATORIES ENVIRONMENTAL AND (B) WHETHER EUROFINS LANCASTER LABORATORIES ENVIRONMENTAL 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 Eurofins Lancaster Laboratories Environmental which includes any conditions that vary from the Standard Terms and Conditions, and Eurofins Lancaster Laboratories Environmental 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 Environmental 2425 New Holland Pike Lancaster, PA 17601 Atlantic Richfield(Parsons-NY) BP Corporation 501 WestLake Park Blvd Houston TX 77079

July 23, 2013

Project: BP Sanborn

Submittal Date: 07/16/2013 Group Number: 1404284 PO Number: D00B4-0004 Release Number: BARBER State of Sample Origin: NY

Client Sample Description	<u>Lancaster Labs (LL) #</u>
B-32 Water	7128195
B-45 Water	7128196
B-46 Water	7128197
B-20 Water	7128198
B-6 Water	7128199
Field Dup #7 Water	7128200
B-50 Water	7128201
B-50 Matrix Spike Water	7128202
B-50 Matrix Spike Dup Water	7128203
B-55 Water	7128204
B-54 Water	7128205
B-53 Water	7128206
B-52 Water	7128207

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		
ELECTRONIC	Parsons	Attn: Eric Felter
COPY TO		
ELECTRONIC	Parsons	Attn: Doug Taylor
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 #: 1404284

General Comments:

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

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

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

Project specific QC samples are included in this data set

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

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

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

Analysis Specific Comments:

SW-846 8260B, GC/MS Volatiles

Batch #: L131981AA (Sample number(s): 7128196-7128199 UNSPK: P127298)

The recovery(ies) for the following analyte(s) in the MS and/or MSD was outside the acceptance window: 2-Chloroethyl Vinyl Ether
Batch #: L131991AA (Sample number(s): 7128200 UNSPK: P129886)

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



Analysis Report

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

Sample Description: B-32 Water

BP Sanborn COC: R210207 2040 Cory Drive - Sanborn, NY

LL Group # 1404284 Account # 12495

LL Sample # WW 7128195

Project Name: BP Sanborn

Submitted: 07/16/2013 09:20

Reported: 07/23/2013 15:58

Collected: 07/15/2013 15:15 by RCB Atlantic Richfield(Parsons-NY)

BP Corporation

501 WestLake Park Blvd

Houston TX 77079

SAN32

CAT No.	Analysis Name	CAS Number	As Recei Result	ived Me	Received thod tection Limit*	As Received Limit of Quantitation	Dilution Factor
GC/MS	Volatiles SW-846	8260B	ug/l	ug/	/1	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.	0.8	0	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 mar preserve this sample.	y not be recovered	l if acid w	was used to			
10335	Chloroform	67-66-3	N.D.	0.8	0	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	1.1 J			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.	0.8		5.0	1
10335	cis-1,2-Dichloroethene	156-59-2	43	0.8		5.0	1
10335	trans-1,2-Dichloroethene	156-60-5	1.4 J			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.	0.8		5.0	1
10335	1,1,1-Trichloroethane	71-55-6	N.D.	0.8		5.0	1
10335	1,1,2-Trichloroethane	79-00-5	N.D.	0.8		5.0	1
10335	Trichloroethene	79-01-6	31	1.0		5.0	1
10335	Trichlorofluoromethane	75-69-4	N.D.	2.0		5.0	1
10335	1,2,3-Trichloropropane	96-18-4	N.D.	1.0		5.0	1
10335	Vinyl Chloride	75-01-4	4.5 J	J 1.0		5.0	1

General Sample Comments

State of New York Certification No. 10670



Analysis Report

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Sample Description: B-32 Water

BP Sanborn COC: R210207 2040 Cory Drive - Sanborn, NY

LL Group # 1404284 Account # 12495

LL Sample # WW 7128195

Project Name: BP Sanborn

Submitted: 07/16/2013 09:20

Reported: 07/23/2013 15:58

Collected: 07/15/2013 15:15 by RCB Atlantic Richfield(Parsons-NY)

BP Corporation

501 WestLake Park Blvd

Houston TX 77079

SAN32

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
10335	VOCs 8260 Parsons Specs List	SW-846 8260B	1	L131972AA	07/17/2013 07:41	Sara E Johnson	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	L131972AA	07/17/2013 07:41	Sara E Johnson	1



Analysis Report

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

Sample Description: B-45 Water

BP Sanborn COC: R210207 2040 Cory Drive - Sanborn, NY

LL Group # 1404284 Account # 12495

LL Sample # WW 7128196

Project Name: BP Sanborn

Submitted: 07/16/2013 09:20

Reported: 07/23/2013 15:58

Collected: 07/15/2013 14:35 by RCB Atlantic Richfield(Parsons-NY)

BP Corporation

501 WestLake Park Blvd

Houston TX 77079

SAN45

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 ma preserve this sample.	•	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



Analysis Report

Account

LL Sample # WW 7128196

12495

LL Group # 1404284

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

Sample Description: B-45 Water

BP Sanborn COC: R210207

2040 Cory Drive - Sanborn, NY

Project Name: BP Sanborn

Submitted: 07/16/2013 09:20

Reported: 07/23/2013 15:58

Collected: 07/15/2013 14:35 by RCB Atlantic Richfield(Parsons-NY)

BP Corporation

501 WestLake Park Blvd

Houston TX 77079

SAN45

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Tim	ne	Analyst	Dilution Factor
10335	VOCs 8260 Parsons Specs List	SW-846 8260B	1	L131981AA	07/17/2013	18:14	Angela D Sneeringer	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	L131981AA	07/17/2013	18:14	Angela D Sneeringer	1



Analysis Report

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

Sample Description: B-46 Water

BP Sanborn COC: R210207 2040 Cory Drive - Sanborn, NY

LL Group # 1404284 Account # 12495

LL Sample # WW 7128197

Project Name: BP Sanborn

Submitted: 07/16/2013 09:20

Reported: 07/23/2013 15:58

Collected: 07/15/2013 14:30 by RCB Atlantic Richfield(Parsons-NY)

BP Corporation

501 WestLake Park Blvd

Houston TX 77079

SAN46

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	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	49	0.80	5.0	1
10335	trans-1,2-Dichloroethene	156-60-5	N.D.	0.80	5.0	1
10335	1,2-Dichloropropane	78-87-5	N.D.	1.0	5.0	1
10335	cis-1,3-Dichloropropene	10061-01-5	N.D.	1.0	5.0	1
10335	trans-1,3-Dichloropropene	10061-02-6	N.D.	1.0	5.0	1
10335	Methylene Chloride	75-09-2	N.D.	2.0	5.0	1
10335	1,1,1,2-Tetrachloroethane	630-20-6	N.D.	1.0	5.0	1
10335	1,1,2,2-Tetrachloroethane	79-34-5	N.D.	1.0	5.0	1
10335	Tetrachloroethene	127-18-4	N.D.	0.80	5.0	1
10335	1,1,1-Trichloroethane	71-55-6	N.D.	0.80	5.0	1
10335	1,1,2-Trichloroethane	79-00-5	N.D.	0.80	5.0	1
10335	Trichloroethene	79-01-6	10	1.0	5.0	1
10335	Trichlorofluoromethane	75-69-4	N.D.	2.0	5.0	1
10335	1,2,3-Trichloropropane	96-18-4	N.D.	1.0	5.0	1
10335	Vinyl Chloride	75-01-4	2.5 J	1.0	5.0	1

General Sample Comments

State of New York Certification No. 10670



Analysis Report

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

Sample Description: B-46 Water

BP Sanborn COC: R210207 2040 Cory Drive - Sanborn, NY LL Group # 1404284 Account # 12495

LL Sample # WW 7128197

Project Name: BP Sanborn

Submitted: 07/16/2013 09:20

Reported: 07/23/2013 15:58

Collected: 07/15/2013 14:30 by RCB Atlantic Richfield(Parsons-NY)

BP Corporation

501 WestLake Park Blvd

Houston TX 77079

SAN46

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	L131981AA	07/17/2013	18:36	Angela D Sneeringer	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	L131981AA	07/17/2013	18:36	Angela D Sneeringer	1



Analysis Report

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

Sample Description: B-20 Water

BP Sanborn COC: R210207 2040 Cory Drive - Sanborn, NY

LL Group # 1404284 Account # 12495

LL Sample # WW 7128198

Project Name: BP Sanborn

Submitted: 07/16/2013 09:20

Reported: 07/23/2013 15:58

Collected: 07/15/2013 12:00 by RCB Atlantic Richfield(Parsons-NY)

BP Corporation

501 WestLake Park Blvd

Houston TX 77079

SAN20

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



Analysis Report

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

Sample Description: B-20 Water

BP Sanborn COC: R210207 2040 Cory Drive - Sanborn, NY LL Group # 1404284 Account # 12495

LL Sample # WW 7128198

Project Name: BP Sanborn

Submitted: 07/16/2013 09:20

Reported: 07/23/2013 15:58

Collected: 07/15/2013 12:00 by RCB Atlantic Richfield(Parsons-NY)

BP Corporation

501 WestLake Park Blvd

Houston TX 77079

SAN20

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Tir	me	Analyst	Dilution Factor
10335	VOCs 8260 Parsons Specs List	SW-846 8260B	1	L131981AA	07/17/2013	18:58	Angela D Sneeringer	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	L131981AA	07/17/2013	18:58	Angela D Sneeringer	1



Analysis Report

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

Sample Description: B-6 Water

BP Sanborn COC: R210207

2040 Cory Drive - Sanborn, NY

LL Group # 1404284 Account # 12495

LL Sample # WW 7128199

Project Name: BP Sanborn

Submitted: 07/16/2013 09:20

Reported: 07/23/2013 15:58

Collected: 07/15/2013 12:30 by RCB Atlantic Richfield(Parsons-NY)

BP Corporation

501 WestLake Park Blvd

Houston TX 77079

SAN-6

CAT No.	Analysis Name		CAS Number	As Received Result	As Received Method Detection Limit*	As Received Limit of Quantitation	Dilution Factor
GC/MS	Volatiles S	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 E	ther	110-75-8	N.D.	2.0	10	1
	2-Chloroethyl vinyl e preserve this sample.		ot 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	Dichlorodifluorometha	ine	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-Dichloroether		156-59-2	12	0.80	5.0	1
10335	trans-1,2-Dichloroeth	iene	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		10061-01-5	N.D.	1.0	5.0	1
10335	trans-1,3-Dichloropro	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-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	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	160	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

General Sample Comments

State of New York Certification No. 10670



Analysis Report

Account

LL Sample # WW 7128199

12495

LL Group # 1404284

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

Sample Description: B-6 Water

BP Sanborn COC: R210207

2040 Cory Drive - Sanborn, NY

Project Name: BP Sanborn

Submitted: 07/16/2013 09:20

Reported: 07/23/2013 15:58

Collected: 07/15/2013 12:30 by RCB Atlantic Richfield(Parsons-NY)

BP Corporation

501 WestLake Park Blvd

Houston TX 77079

SAN-6

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	L131981AA	07/17/2013	19:20	Angela D Sneeringer	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	L131981AA	07/17/2013	19:20	Angela D Sneeringer	1



Analysis Report

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

Sample Description: Field Dup #7 Water

BP Sanborn COC: R210207 2040 Cory Drive - Sanborn, NY LL Group # 1404284 Account # 12495

LL Sample # WW 7128200

Project Name: BP Sanborn

Submitted: 07/16/2013 09:20

Reported: 07/23/2013 15:58

Collected: 07/15/2013 by RCB Atlantic Richfield(Parsons-NY)

BP Corporation

501 WestLake Park Blvd

Houston TX 77079

SANFD

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.	y not be recovered	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	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	1.2 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	6.8	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



Analysis Report

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

Sample Description: Field Dup #7 Water

BP Sanborn COC: R210207

2040 Cory Drive - Sanborn, NY

LL Sample # WW 7128200 LL Group # 1404284 Account # 12495

Project Name: BP Sanborn

Submitted: 07/16/2013 09:20

Reported: 07/23/2013 15:58

Collected: 07/15/2013 by RCB Atlantic Richfield(Parsons-NY)

BP Corporation

501 WestLake Park Blvd

Houston TX 77079

SANFD

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	L131991AA	07/18/2013 1	16:57	Angela D Sneeringer	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	L131991AA	07/18/2013 1	16:57	Angela D Sneeringer	1



Analysis Report

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

Sample Description: B-50 Water

BP Sanborn COC: R210207 2040 Cory Drive - Sanborn, NY

LL Group # 1404284 Account # 12495

LL Sample # WW 7128201

Project Name: BP Sanborn

Submitted: 07/16/2013 09:20

Reported: 07/23/2013 15:58

Collected: 07/15/2013 13:40 by RCB Atlantic Richfield(Parsons-NY)

BP Corporation

501 WestLake Park Blvd

Houston TX 77079

SAN50

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.	•	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	20		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	83		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



Analysis Report

Account

LL Sample # WW 7128201

12495

LL Group # 1404284

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

Sample Description: B-50 Water

Submitted: 07/16/2013 09:20

Reported: 07/23/2013 15:58

BP Sanborn COC: R210207

2040 Cory Drive - Sanborn, NY

Project Name: BP Sanborn Collected: 07/15/2013 13:40 by RCB

BP Corporation

501 WestLake Park Blvd

Atlantic Richfield(Parsons-NY)

Houston TX 77079

SAN50

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
10335	VOCs 8260 Parsons Specs List	SW-846 8260B	1	L131972AA	07/17/2013 01:31	Sara E Johnson	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	L131972AA	07/17/2013 01:31	Sara E Johnson	1



Analysis Report

Account

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

Sample Description: B-50 Matrix Spike Water

BP Sanborn COC: R210207

2040 Cory Drive - Sanborn, NY

LL Sample # WW 7128202 LL Group # 1404284

12495

Project Name: BP Sanborn

Submitted: 07/16/2013 09:20

Reported: 07/23/2013 15:58

Collected: 07/15/2013 13:40 by RCB Atlantic Richfield(Parsons-NY)

BP Corporation

501 WestLake Park Blvd

Houston TX 77079

SAN50

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit*	As Received Limit of Quantitation	Dilution Factor
GC/MS	Volatiles SW-846	8260B	ug/l	ug/l	ug/l	
10335	Benzyl Chloride	100-44-7	15	1.0	5.0	1
10335	Bromobenzene	108-86-1	19	1.0	5.0	1
10335	Bromodichloromethane	75-27-4	19	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	22	1.0	5.0	1
10335	Chlorobenzene	108-90-7	20	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 ether may preserve this sample.	y not be recovered	if acid was use	ed to		
10335	Chloroform	67-66-3	21	0.80	5.0	1
10335	Chloromethane	74-87-3	18	1.0	5.0	1
10335	Dibromochloromethane	124-48-1	18	1.0	5.0	1
10335	Dibromomethane	74-95-3	18	1.0	5.0	1
10335	1,2-Dichlorobenzene	95-50-1	19	1.0	5.0	1
10335	1,3-Dichlorobenzene	541-73-1	19	1.0	5.0	1
10335	1,4-Dichlorobenzene	106-46-7	19	1.0	5.0	1
10335	Dichlorodifluoromethane	75-71-8	21	2.0	5.0	1
10335	1,1-Dichloroethane	75-34-3	21	1.0	5.0	1
10335	1,2-Dichloroethane	107-06-2	21	1.0	5.0	1
10335	1,1-Dichloroethene	75-35-4	21	0.80	5.0	1
10335	cis-1,2-Dichloroethene	156-59-2	41	0.80	5.0	1
10335	trans-1,2-Dichloroethene	156-60-5	22	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	19	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	20	2.0	5.0	1
10335	1,1,1,2-Tetrachloroethane	630-20-6	19	1.0	5.0	1
10335	1,1,2,2-Tetrachloroethane	79-34-5	19	1.0	5.0	1
10335	Tetrachloroethene	127-18-4	21	0.80	5.0	1
10335	1,1,1-Trichloroethane	71-55-6	18	0.80	5.0	1
10335	1,1,2-Trichloroethane	79-00-5	20	0.80	5.0	1
10335	Trichloroethene	79-01-6	110	1.0	5.0	1
10335	Trichlorofluoromethane	75-69-4	24	2.0	5.0	1
10335	1,2,3-Trichloropropane	96-18-4	19	1.0	5.0	1
10335	Vinyl Chloride	75-01-4	20	1.0	5.0	1

General Sample Comments

State of New York Certification No. 10670



Analysis Report

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

Sample Description: B-50 Matrix Spike Water

BP Sanborn COC: R210207

2040 Cory Drive - Sanborn, NY

LL Sample # WW 7128202

LL Group # 1404284 Account # 12495

Project Name: BP Sanborn

Submitted: 07/16/2013 09:20

Reported: 07/23/2013 15:58

Collected: 07/15/2013 13:40 by RCB Atlantic Richfield(Parsons-NY)

BP Corporation

501 WestLake Park Blvd

Houston TX 77079

SAN50

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
10335	VOCs 8260 Parsons Specs List	SW-846 8260B	1	L131972AA	07/17/2013 01:53	Sara E Johnson	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	L131972AA	07/17/2013 01:53	Sara E Johnson	1



Analysis Report

Account

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

Sample Description: B-50 Matrix Spike Dup Water

BP Sanborn COC: R210207

2040 Cory Drive - Sanborn, NY

LL Sample # WW 7128203 LL Group # 1404284

12495

Project Name: BP Sanborn

Submitted: 07/16/2013 09:20

Reported: 07/23/2013 15:58

Collected: 07/15/2013 13:40 by RCB Atlantic Richfield(Parsons-NY)

BP Corporation

501 WestLake Park Blvd

Houston TX 77079

SAN50

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	15	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	16	1.0	5.0	1
10335	Bromomethane	74-83-9	17	1.0	5.0	1
10335	Carbon Tetrachloride	56-23-5	21	1.0	5.0	1
10335	Chlorobenzene	108-90-7	20	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 r preserve this sample.	may not be recovered	if acid was us	ed to		
10335	Chloroform	67-66-3	20	0.80	5.0	1
10335	Chloromethane	74-87-3	17	1.0	5.0	1
10335	Dibromochloromethane	124-48-1	18	1.0	5.0	1
10335	Dibromomethane	74-95-3	18	1.0	5.0	1
10335	1,2-Dichlorobenzene	95-50-1	19	1.0	5.0	1
10335	1,3-Dichlorobenzene	541-73-1	19	1.0	5.0	1
10335	1,4-Dichlorobenzene	106-46-7	19	1.0	5.0	1
10335	Dichlorodifluoromethane	75-71-8	20	2.0	5.0	1
10335	1,1-Dichloroethane	75-34-3	20	1.0	5.0	1
10335	1,2-Dichloroethane	107-06-2	21	1.0	5.0	1
10335	1,1-Dichloroethene	75-35-4	21	0.80	5.0	1
10335	cis-1,2-Dichloroethene	156-59-2	39	0.80	5.0	1
10335	trans-1,2-Dichloroethene	156-60-5	22	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	19	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	19	2.0	5.0	1
10335	1,1,1,2-Tetrachloroethane	630-20-6	19	1.0	5.0	1
10335	1,1,2,2-Tetrachloroethane	79-34-5	19	1.0	5.0	1
10335	Tetrachloroethene	127-18-4	20	0.80	5.0	1
10335	1,1,1-Trichloroethane	71-55-6	18	0.80	5.0	1
10335	1,1,2-Trichloroethane	79-00-5	19	0.80	5.0	1
10335	Trichloroethene	79-01-6	100	1.0	5.0	1
10335	Trichlorofluoromethane	75-69-4	23	2.0	5.0	1
10335	1,2,3-Trichloropropane	96-18-4	19	1.0	5.0	1
10335	Vinyl Chloride	75-01-4	19	1.0	5.0	1

General Sample Comments

State of New York Certification No. 10670



Analysis Report

Account

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

Sample Description: B-50 Matrix Spike Dup Water

BP Sanborn COC: R210207

2040 Cory Drive - Sanborn, NY

LL Sample # WW 7128203

12495

LL Group # 1404284

Project Name: BP Sanborn

Submitted: 07/16/2013 09:20

Reported: 07/23/2013 15:58

Collected: 07/15/2013 13:40 by RCB Atlantic Richfield(Parsons-NY)

BP Corporation

501 WestLake Park Blvd

Houston TX 77079

SAN50

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
10335	VOCs 8260 Parsons Specs List	SW-846 8260B	1	L131972AA	07/17/2013 02:14	Sara E Johnson	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	L131972AA	07/17/2013 02:14	Sara E Johnson	1



Analysis Report

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

Sample Description: B-55 Water

BP Sanborn COC: R210207 2040 Cory Drive - Sanborn, NY

LL Group # 1404284 Account # 12495

LL Sample # WW 7128204

Project Name: BP Sanborn

Submitted: 07/16/2013 09:20

Reported: 07/23/2013 15:58

Collected: 07/15/2013 12:15 by RCB Atlantic Richfield(Parsons-NY)

BP Corporation

501 WestLake Park Blvd

Houston TX 77079

SAN50

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 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 E	ther	110-75-8	N.D.	2.0	10	1
	2-Chloroethyl vinyl e preserve this sample.		t 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	Dichlorodifluorometha	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-Dichloroethen		156-59-2	N.D.	0.80	5.0	1
10335	trans-1,2-Dichloroeth	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-Dichloroprope		10061-01-5	N.D.	1.0	5.0	1
10335	trans-1,3-Dichloropro	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-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	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	Trichlorofluoromethan		75-69-4	N.D.	2.0	5.0	1
10335	1,2,3-Trichloropropan	е	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



Analysis Report

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

Sample Description: B-55 Water

BP Sanborn COC: R210207 2040 Cory Drive - Sanborn, NY

LL Group # 1404284 Account # 12495

LL Sample # WW 7128204

Project Name: BP Sanborn

Submitted: 07/16/2013 09:20

Reported: 07/23/2013 15:58

Collected: 07/15/2013 12:15 by RCB Atlantic Richfield(Parsons-NY)

BP Corporation

501 WestLake Park Blvd

Houston TX 77079

SAN50

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
10335	VOCs 8260 Parsons Specs List	SW-846 8260B	1	L131972AA	07/17/2013 02:36	Sara E Johnson	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	L131972AA	07/17/2013 02:36	Sara E Johnson	1



Analysis Report

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

Sample Description: B-54 Water

BP Sanborn COC: R210214 2040 Cory Drive - Sanborn, NY

LL Group # 1404284 Account # 12495

LL Sample # WW 7128205

Project Name: BP Sanborn

Submitted: 07/16/2013 09:20

Reported: 07/23/2013 15:58

Collected: 07/15/2013 11:15 by RCB Atlantic Richfield(Parsons-NY)

BP Corporation

501 WestLake Park Blvd

Houston TX 77079

SAN54

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 Ethe	r	110-75-8	N.D.	2.0	10	1
	2-Chloroethyl vinyl ethe preserve this sample.	r may n	ot 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-Dichloropropen	e	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-Tetrachloroethan		630-20-6	N.D.	1.0	5.0	1
10335	1,1,2,2-Tetrachloroethan	e	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



Analysis Report

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

Sample Description: B-54 Water

BP Sanborn COC: R210214 2040 Cory Drive - Sanborn, NY

LL Group # 1404284 Account # 12495

LL Sample # WW 7128205

Project Name: BP Sanborn

Submitted: 07/16/2013 09:20

Reported: 07/23/2013 15:58

Collected: 07/15/2013 11:15 by RCB Atlantic Richfield(Parsons-NY)

BP Corporation

501 WestLake Park Blvd

Houston TX 77079

SAN54

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
10335	VOCs 8260 Parsons Specs List	SW-846 8260B	1	L131972AA	07/17/2013 02:58	Sara E Johnson	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	L131972AA	07/17/2013 02:58	Sara E Johnson	1



Analysis Report

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

Sample Description: B-53 Water

BP Sanborn COC: R210214 2040 Cory Drive - Sanborn, NY

LL Group # 1404284 Account # 12495

LL Sample # WW 7128206

Project Name: BP Sanborn

Submitted: 07/16/2013 09:20

Reported: 07/23/2013 15:58

Collected: 07/15/2013 09:45 by RCB Atlantic Richfield(Parsons-NY)

BP Corporation

501 WestLake Park Blvd

Houston TX 77079

SAN53

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	1.3 J	0.80	5.0	1
10335	trans-1,2-Dichloroethene	156-60-5	N.D.	0.80	5.0	1
10335	1,2-Dichloropropane	78-87-5	N.D.	1.0	5.0	1
10335	cis-1,3-Dichloropropene	10061-01-5	N.D.	1.0	5.0	1
10335	trans-1,3-Dichloropropene	10061-02-6	N.D.	1.0	5.0	1
10335	Methylene Chloride	75-09-2	N.D.	2.0	5.0	1
10335	1,1,1,2-Tetrachloroethane	630-20-6	N.D.	1.0	5.0	1
10335	1,1,2,2-Tetrachloroethane	79-34-5	N.D.	1.0	5.0	1
10335	Tetrachloroethene	127-18-4	N.D.	0.80	5.0	1
10335	1,1,1-Trichloroethane	71-55-6	N.D.	0.80	5.0	1
10335	1,1,2-Trichloroethane	79-00-5	N.D.	0.80	5.0	1
10335	Trichloroethene	79-01-6	6.7	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

General Sample Comments

State of New York Certification No. 10670



Analysis Report

LL Sample # WW 7128206

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

Sample Description: B-53 Water

BP Sanborn COC: R210214

LL Group # 1404284 2040 Cory Drive - Sanborn, NY Account # 12495

Project Name: BP Sanborn

Submitted: 07/16/2013 09:20

Reported: 07/23/2013 15:58

Collected: 07/15/2013 09:45 by RCB Atlantic Richfield(Parsons-NY)

BP Corporation

501 WestLake Park Blvd

Houston TX 77079

SAN53

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
10335	VOCs 8260 Parsons Specs List	SW-846 8260B	1	L131972AA	07/17/2013 03:20	Sara E Johnson	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	L131972AA	07/17/2013 03:20	Sara E Johnson	1



Analysis Report

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

Sample Description: B-52 Water

BP Sanborn COC: R210214 2040 Cory Drive - Sanborn, NY

LL Group # 1404284 Account # 12495

LL Sample # WW 7128207

Project Name: BP Sanborn

Submitted: 07/16/2013 09:20

Reported: 07/23/2013 15:58

Collected: 07/15/2013 09:00 by RCB Atlantic Richfield(Parsons-NY)

BP Corporation

501 WestLake Park Blvd

Houston TX 77079

SAN52

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 ma preserve this sample.	•	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



Analysis Report

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

Sample Description: B-52 Water

BP Sanborn COC: R210214 2040 Cory Drive - Sanborn, NY

LL Group # 1404284 Account # 12495

LL Sample # WW 7128207

Project Name: BP Sanborn

Submitted: 07/16/2013 09:20

Reported: 07/23/2013 15:58

Collected: 07/15/2013 09:00 by RCB Atlantic Richfield(Parsons-NY)

BP Corporation

501 WestLake Park Blvd

Houston TX 77079

SAN52

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
10335	VOCs 8260 Parsons Specs List	SW-846 8260B	1	L131972AA	07/17/2013 03:42	Sara E Johnson	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	L131972AA	07/17/2013 03:42	Sara E Johnson	1



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Quality Control Summary

Client Name: Atlantic Richfield(Parsons-NY) Group Number: 1404284

Reported: 07/23/13 at 03:58 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>LOO</u>	Report <u>Units</u>	LCS %REC	LCSD %REC	LCS/LCSD <u>Limits</u>	RPD	RPD Max
Batch number: L131972AA	Sample numl	ber(s): 7	128195,712	8201-7128207	,				
Benzyl Chloride	N.D.	1.0	5.0	ug/l	76		49-120		
Bromobenzene	N.D.	1.0	5.0	ug/l	91		80-120		
Bromodichloromethane	N.D.	1.0	5.0	ug/l	92		73-120		
Bromoform	N.D.	1.0	5.0	ug/l	83		61-120		
Bromomethane	N.D.	1.0	5.0	ug/l	82		51-120		
Carbon Tetrachloride	N.D.	1.0	5.0	ug/l	99		65-137		
Chlorobenzene	N.D.	0.80	5.0	ug/l	97		80-120		
Chloroethane	N.D.	1.0	5.0	ug/l	81		60-120		
2-Chloroethyl Vinyl Ether	N.D.	2.0	10	ug/l	88		52-127		
Chloroform	N.D.	0.80	5.0	ug/l	100		77-122		
Chloromethane	N.D.	1.0	5.0	ug/l	80		54-123		
Dibromochloromethane Dibromomethane	N.D. N.D.	1.0	5.0 5.0	ug/l	90 91		72-120 80-120		
1,2-Dichlorobenzene	N.D.	1.0	5.0	ug/l ug/l	93		80-120		
1,3-Dichlorobenzene	N.D.	1.0	5.0	ug/1 ug/l	93		80-120		
1,4-Dichlorobenzene	N.D.	1.0	5.0	ug/1 ug/l	93		80-120		
Dichlorodifluoromethane	N.D.	2.0	5.0	ug/1 ug/l	90		35-122		
1,1-Dichloroethane	N.D.	1.0	5.0	ug/l	100		79-120		
1,2-Dichloroethane	N.D.	1.0	5.0	ug/1	104		64-130		
1,1-Dichloroethene	N.D.	0.80	5.0	ug/1	94		76-124		
cis-1,2-Dichloroethene	N.D.	0.80	5.0	ug/1	95		80-120		
trans-1,2-Dichloroethene	N.D.	0.80	5.0	uq/l	96		80-120		
1,2-Dichloropropane	N.D.	1.0	5.0	uq/l	101		80-120		
cis-1,3-Dichloropropene	N.D.	1.0	5.0	uq/l	94		78-120		
trans-1,3-Dichloropropene	N.D.	1.0	5.0	ug/l	90		66-124		
Methylene Chloride	N.D.	2.0	5.0	ug/l	96		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	91		70-129		
Tetrachloroethene	N.D.	0.80	5.0	ug/l	94		79-120		
1,1,1-Trichloroethane	N.D.	0.80	5.0	ug/l	89		66-126		
1,1,2-Trichloroethane	N.D.	0.80	5.0	ug/l	94		80-120		
Trichloroethene	N.D.	1.0	5.0	ug/l	97		80-120		
Trichlorofluoromethane	N.D.	2.0	5.0	ug/l	102		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	84		63-120		
Batch number: L131981AA	Sample numl	ber(s): 7	128196-712	8199					
Benzyl Chloride	N.D.	1.0	5.0	ug/l	83		49-120		
Bromobenzene	N.D.	1.0	5.0	ug/l	93		80-120		
Bromodichloromethane	N.D.	1.0	5.0	ug/l	93		73-120		
Bromoform	N.D.	1.0	5.0	ug/l	86		61-120		
Bromomethane	N.D.	1.0	5.0	ug/l	78		51-120		
Carbon Tetrachloride	N.D.	1.0	5.0	ug/l	97		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: 1404284

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Quality Control Summary

Client Name: Atlantic Richfield(Parsons-NY)

Reported: 07/23/13 at 03:58 PM

110p010001 01/10/10 00 001	Blank	Blank	Blank	Report	LCS	LCSD	LCS/LCSD		
Analysis Name	Result	MDL**	LOQ	Units	%REC	%REC	<u>Limits</u>	RPD	RPD Max
Chlorobenzene	N.D.	0.80	5.0	uq/l	97		80-120		
Chloroethane	N.D.	1.0	5.0	ug/l	78		60-120		
2-Chloroethyl Vinyl Ether	N.D.	2.0	10	ug/l	92		52-127		
Chloroform	N.D.	0.80	5.0	ug/l	100		77-122		
Chloromethane	N.D.	1.0	5.0	uq/l	80		54-123		
Dibromochloromethane	N.D.	1.0	5.0	ug/l	91		72-120		
Dibromomethane	N.D.	1.0	5.0	ug/l	92		80-120		
1,2-Dichlorobenzene	N.D.	1.0	5.0	ug/l	95		80-120		
1,3-Dichlorobenzene	N.D.	1.0	5.0	ug/1	95		80-120		
1,4-Dichlorobenzene	N.D.	1.0	5.0	ug/l	95		80-120		
Dichlorodifluoromethane	N.D.	2.0	5.0	uq/l	86		35-122		
1,1-Dichloroethane	N.D.	1.0	5.0	uq/l	100		79-120		
1,2-Dichloroethane	N.D.	1.0	5.0	ug/l	104		64-130		
1,1-Dichloroethene	N.D.	0.80	5.0	ug/l	92		76-124		
cis-1,2-Dichloroethene	N.D.	0.80	5.0	ug/1	96		80-120		
trans-1,2-Dichloroethene	N.D.	0.80	5.0	ug/1	94		80-120		
1,2-Dichloropropane	N.D.	1.0	5.0	ug/l	103		80-120		
cis-1,3-Dichloropropene	N.D.	1.0	5.0	ug/l	96		78-120		
trans-1,3-Dichloropropene	N.D.	1.0	5.0	ug/l	94		66-124		
Methylene Chloride	N.D.	2.0	5.0	ug/l	96		84-118		
1,1,1,2-Tetrachloroethane	N.D.	1.0	5.0		93		79-120		
1,1,2,2-Tetrachloroethane	N.D.	1.0	5.0	ug/l ug/l	98		70-120		
Tetrachloroethene	N.D.	0.80	5.0	ug/l	93		79-120		
1,1,1-Trichloroethane	N.D.	0.80	5.0	ug/l	87 97		66-126		
1,1,2-Trichloroethane	N.D.	0.80	5.0	ug/l			80-120		
Trichloroethene	N.D.	1.0	5.0	ug/l	97		80-120		
Trichlorofluoromethane	N.D.	2.0	5.0	ug/l	95		65-130		
1,2,3-Trichloropropane	N.D.	1.0	5.0	ug/l	97		76-120		
Vinyl Chloride	N.D.	1.0	5.0	ug/l	84		63-120		
Batch number: L131991AA	Sample numl	her(s) · 71	28200						
Benzyl Chloride	N.D.	1.0	5.0	uq/l	77		49-120		
Bromobenzene	N.D.	1.0	5.0	ug/1	90		80-120		
Bromodichloromethane	N.D.	1.0	5.0	ug/l	92		73-120		
Bromoform	N.D.	1.0	5.0	ug/l	78		61-120		
Bromomethane	N.D.	1.0	5.0	ug/1	85		51-120		
Carbon Tetrachloride	N.D.	1.0	5.0	ug/l ug/l	99		65-137		
Chlorobenzene	N.D.	0.80	5.0	ug/l	95		80-120		
Chloroethane	N.D.	1.0	5.0	ug/l ug/l	95 81		60-120		
	N.D.						52-127		
2-Chloroethyl Vinyl Ether		2.0	10	ug/l	87				
Chloroform	N.D.	0.80	5.0	ug/l	101		77-122		
Chloromethane	N.D.	1.0	5.0	ug/l	82		54-123		
Dibromochloromethane	N.D.	1.0	5.0	ug/l	87		72-120		
Dibromomethane	N.D.	1.0	5.0	ug/l	92		80-120		
1,2-Dichlorobenzene	N.D.	1.0	5.0	ug/l	91		80-120		
1,3-Dichlorobenzene	N.D.	1.0	5.0	ug/l	92		80-120		
1,4-Dichlorobenzene	N.D.	1.0	5.0	ug/l	92		80-120		
Dichlorodifluoromethane	N.D.	2.0	5.0	ug/l	94		35-122		
1,1-Dichloroethane	N.D.	1.0	5.0	ug/l	101		79-120		
1,2-Dichloroethane	N.D.	1.0	5.0	ug/l	108		64-130		
1,1-Dichloroethene	N.D.	0.80	5.0	ug/l	94		76-124		
cis-1,2-Dichloroethene	N.D.	0.80	5.0	ug/l	92		80-120		
trans-1,2-Dichloroethene	N.D.	0.80	5.0	ug/l	95		80-120		
1,2-Dichloropropane	N.D.	1.0	5.0	ug/l	102		80-120		
cis-1,3-Dichloropropene	N.D.	1.0	5.0	ug/l	93		78-120		
trans-1,3-Dichloropropene	N.D.	1.0	5.0	ug/l	90		66-124		

^{*-} 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: 1404284

Reported: 07/23/13 at 03:58 PM

	Blank	Blank	Blank	Report	LCS	LCSD	LCS/LCSD		
<u>Analysis Name</u>	<u>Result</u>	MDL**	LOO	Units	%REC	%REC	<u>Limits</u>	RPD	RPD Max
Methylene Chloride	N.D.	2.0	5.0	ug/l	97		84-118		
1,1,1,2-Tetrachloroethane	N.D.	1.0	5.0	ug/l	90		79-120		
1,1,2,2-Tetrachloroethane	N.D.	1.0	5.0	ug/l	93		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	87		66-126		
1,1,2-Trichloroethane	N.D.	0.80	5.0	ug/l	96		80-120		
Trichloroethene	N.D.	1.0	5.0	ug/l	96		80-120		
Trichlorofluoromethane	N.D.	2.0	5.0	ug/l	104		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	uq/l	85		63-120		

Sample Matrix Quality Control

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

Analysis Name	MS %REC	MSD %REC	MS/MSD <u>Limits</u>	RPD	RPD <u>MAX</u>	BKG Conc	DUP <u>Conc</u>	DUP <u>RPD</u>	Dup RPD Max
Batch number: L131972AA	Sample	number(s)	: 7128195	,71282	01-7128	207 UNSPK:	7128201		
Benzyl Chloride	75	75	42-131	0	30				
Bromobenzene	95	93	82-115	2	30				
Bromodichloromethane	96	93	78-125	2	30				
Bromoform	84	81	48-118	3	30				
Bromomethane	89	86	47-129	4	30				
Carbon Tetrachloride	109	106	72-135	3	30				
Chlorobenzene	100	98	87-124	2	30				
Chloroethane	90	84	51-145	6	30				
2-Chloroethyl Vinyl Ether	88	86	10-151	3	30				
Chloroform	106	102	81-134	4	30				
Chloromethane	88	85	46-137	3	30				
Dibromochloromethane	91	89	74-116	3	30				
Dibromomethane	92	90	83-119	3	30				
1,2-Dichlorobenzene	96	95	84-119	1	30				
1,3-Dichlorobenzene	97	96	86-121	2	30				
1,4-Dichlorobenzene	97	95	85-121	2	30				
Dichlorodifluoromethane	105	101	52-129	5	30				
1,1-Dichloroethane	105	101	84-129	4	30				
1,2-Dichloroethane	106	104	68-131	1	30				
1,1-Dichloroethene	106	104	75-155	2	30				
cis-1,2-Dichloroethene	106	95	80-141	5	30				
trans-1,2-Dichloroethene	103	101	81-142	2	30				
1,2-Dichloropropane	105	103	83-124	1	30				
cis-1,3-Dichloropropene	95	94	70-116	1	30				
trans-1,3-Dichloropropene	91	90	74-119	1	30				
Methylene Chloride	99	97	78-133	2	30				
1,1,1,2-Tetrachloroethane	95	93	74-136	2	30				
1,1,2,2-Tetrachloroethane	94	93	72-128	1	30				
Tetrachloroethene	103	100	80-128	3	30				
1,1,1-Trichloroethane	92	92	69-140	1	30				
1,1,2-Trichloroethane	98	94	71-141	4	30				
Trichloroethene	116 (2)	93 (2)	88-133	4	30				
Trichlorofluoromethane	118	113	64-146	5	30				
1,2,3-Trichloropropane	94	93	76-118	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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Dup RPD

Quality Control Summary

Client Name: Atlantic Richfield(Parsons-NY) Group Number: 1404284

MS/MSD

Reported: 07/23/13 at 03:58 PM

Sample Matrix Quality Control

BKG

DUP

DUP

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

MS

Analysis Name	MS <u>%REC</u>	MSD <u>%REC</u>	MS/MSD <u>Limits</u>	RPD	MAX	Conc	Conc	RPD	Dup RPD <u>Max</u>
Vinyl Chloride	98	95	66-133	3	30	cone	Conc	KPD	Max
vinji enieride	, ,	,,,	00 100		50				
Batch number: L131981AA						PK: P127298			
Benzyl Chloride	79	81	42-131	2	30				
Bromobenzene	96	97	82-115	1	30				
Bromodichloromethane	98	98	78-125	0	30				
Bromoform	85	85	48-118	0	30				
Bromomethane	87	87	47-129	0	30				
Carbon Tetrachloride	107	107	72-135	0	30				
Chlorobenzene	103	103	87-124	0	30				
Chloroethane	87	86	51-145	1	30				
2-Chloroethyl Vinyl Ether	0*	0*	10-151	0	30				
Chloroform	105	105	81-134	0	30				
Chloromethane	88	89	46-137	1	30				
Dibromochloromethane	93	93	74-116	0	30				
Dibromomethane	94	93	83-119	1	30				
1,2-Dichlorobenzene	97	98	84-119	1	30				
1,3-Dichlorobenzene	99	99	86-121	0	30				
1,4-Dichlorobenzene	98	99	85-121	1	30				
Dichlorodifluoromethane	102	102	52-129	1	30				
1,1-Dichloroethane	102	104	84-129	2	30				
1,2-Dichloroethane	106	106	68-131	0	30				
1,1-Dichloroethene	87	88	75-155	1	30				
cis-1,2-Dichloroethene	99	99	80-141	0	30				
trans-1,2-Dichloroethene	97	97	81-142	0	30				
1,2-Dichloropropane	108	108	83-124	0	30				
cis-1,3-Dichloropropene	98	99	70-116	1	30				
trans-1,3-Dichloropropene	95	95	74-119	0	30				
Methylene Chloride	94	95	78-133	1	30				
1,1,1,2-Tetrachloroethane	98	97	74-136	1	30				
1,1,2,2-Tetrachloroethane	95	97	72-128	2	30				
Tetrachloroethene	104	104	80-128	0	30				
1,1,1-Trichloroethane	99	99	69-140	0	30				
1,1,2-Trichloroethane	100	99	71-141	1	30				
Trichloroethene	105	106	88-133	1	30				
Trichlorofluoromethane	115	113	64-146	1	30				
1,2,3-Trichloropropane	94	95	76-118	1	30				
Vinyl Chloride	96	97	66-133	1	30				
Batch number: L131991AA	Sample	number(s): 7128200	א נואופטע	. D1200	886			
Benzyl Chloride	78	76	42-131	3 3	30	500			
Bromobenzene	76 96	94	82-115	3	30				
Bromodichloromethane	100	96	78-125	4	30				
Bromoform	82	79			30				
Bromomethane	93	93	48-118 47-129	3 0	30				
Carbon Tetrachloride	116	110		5	30				
			72-135						
Chlorobenzene Chloroethane	103 91	99 89	87-124	4 1	30 30				
	86	89 87	51-145 10-151	1	30				
2-Chloroethyl Vinyl Ether Chloroform	111	106		5	30				
Chloromethane	91	90	81-134 46-137	2	30				
Dibromochloromethane	91	90 88		∠ 5	30				
DINIOCHIOCHIOCHIGHHIGH	23	00	74-116	5	3 U				

^{*-} 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: 1404284

Reported: 07/23/13 at 03:58 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	RPD	<u>Max</u>
Dibromomethane	96	93	83-119	3	30				
1,2-Dichlorobenzene	98	94	84-119	4	30				
1,3-Dichlorobenzene	100	96	86-121	4	30				
1,4-Dichlorobenzene	100	95	85-121	5	30				
Dichlorodifluoromethane	113	112	52-129	2	30				
1,1-Dichloroethane	113	109	84-129	3	30				
1,2-Dichloroethane	117	111	68-131	5	30				
1,1-Dichloroethene	111	107	75-155	3	30				
cis-1,2-Dichloroethene	108	114	80-141	5	30				
trans-1,2-Dichloroethene	109	105	81-142	4	30				
1,2-Dichloropropane	109	106	83-124	3	30				
cis-1,3-Dichloropropene	99	96	70-116	2	30				
trans-1,3-Dichloropropene	95	93	74-119	2	30				
Methylene Chloride	105	100	78-133	5	30				
1,1,1,2-Tetrachloroethane	99	95	74-136	4	30				
1,1,2,2-Tetrachloroethane	95	93	72-128	3	30				
Tetrachloroethene	108	103	80-128	5	30				
1,1,1-Trichloroethane	102	98	69-140	4	30				
1,1,2-Trichloroethane	98	97	71-141	1	30				
Trichloroethene	129	177*	88-133	19	30				
Trichlorofluoromethane	125	122	64-146	2	30				
1,2,3-Trichloropropane	94	94	76-118	0	30				
Vinyl Chloride	99	99	66-133	0	30				

Surrogate Quality Control

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

Analysis Name: PPL + Xylene (total) by 8260

Batch number: L131972AA

	Dibromofluoromethane	1,2-Dichloroethane-d4	Toluene-d8	4-Bromofluorobenzene	
7128195	99	101	101	100	
7128201	100	102	101	99	
7128202	100	102	102	100	
7128203	100	101	102	100	
7128204	101	101	100	100	
7128205	100	102	100	99	
7128206	101	102	100	98	
7128207	101	102	101	99	
Blank	100	101	100	99	
LCS	99	100	102	101	
MS	100	102	102	100	
MSD	100	101	102	100	
Limits:	80-116	77-113	80-113	78-113	

Analysis Name: PPL + Xylene (total) by 8260

*- 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.

Analysis Report

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Quality Control Summary

Client Name: Atlantic Richfield(Parsons-NY) Group Number: 1404284

Reported: 07/23/13 at 03:58 PM

Surrogate Quality Control

Batch number: L131981AA								
	Dibromofluoromethane	1,2-Dichloroethane-d4	Toluene-d8	4-Bromofluorobenzene				
7128196	101	102	100	99				
7128197	101	102	100	99				
7128198	102	102	101	99				
7128199	100	102	100	99				
Blank	99	101	101	101				
LCS	99	100	102	100				
MS	99	99	102	101				
MSD	98	99	102	101				
Limits:	80-116	77-113	80-113	78-113				
Analysis Name: PPL + Xylene (total) by 8260								
Analysis Manner: FFL + Aylene (total) by 8280 Batch number: L131991AA								
	Dibromofluoromethane	1,2-Dichloroethane-d4	Toluene-d8	4-Bromofluorobenzene				
7128200	102	102	101	99				
Blank	100	102	101	101				
LCS	100	99	103	102				
MS	101	101	103	103				
MSD	100	100	103	102				
			= * *					
Limits:	80-116	77-113	80-113	78-113				

^{*-} Outside of specification

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

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

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

A-12495 G-1404284 S-712895-8208 Laboratory Management Program LaMP Chain of Custody Record R210207 BP Site Node Path: BP, Sanbern

Page	$\frac{2}{1}$ of $\frac{2}{1}$
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ab Pho	ne: (117) 656 2300			California Global ID No.:								Cons	ultant/0	Contrac	tor PM:	Geor	rge Hermo	ncl						
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A - ૧૫૫૧૬ જ ૧૫૦૧૨૪૫ Laboratory Management Program LaMP Chain of Custody Record R210214 BR Site Node Beth: RP San back

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4	Page2	_of
	Rush TAT: Yes	No V

3			Node Path:		P, S	<u> </u>	اروما	<u> </u>														Rush	TAT: Yes	_ N	۰ <u>۷</u>
_			Facility No:												Wo	rk Orde	r Numb								
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G-1404284

Environmental Sample Administration Receipt Documentation Log

Client/F	Project:	BP		Shipping	g Containe	er Sealed: YES	NO (S						
Date of	Receipt:	7/16/13		Custody	Seal Pres	ent*:	NO (s						
Time o	f Receipt:	0920		Custody seal was intact unless otherwise noted in the discrepancy section									
Source	Code:	50-1		Package	ə :	Chilled	Not Chilled						
			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	DT121	3.1	TB	WI	Y	B							
2													
3													
4													
5	!												
6													
			NOT listed on chair king Problems:	n of custody:		3							
Unpa	cker Signatur	e/Emp#: 🔼	Eshl	3647	Date/T	ime: <u>7/16/13</u>	1122						



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

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 per liter of gas.

ppb parts per billion

Dry weightbasis
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.

Data Qualifiers:

C - result confirmed by reanalysis.

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

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	Ε	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
Ε	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 EUROFINS LANCASTER LABORATORIES ENVIRONMENTAL, LLC 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 EUROFINS LANCASTER LABORATORIES ENVIRONMENTAL AND (B) WHETHER EUROFINS LANCASTER LABORATORIES ENVIRONMENTAL 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 Eurofins Lancaster Laboratories Environmental which includes any conditions that vary from the Standard Terms and Conditions, and Eurofins Lancaster Laboratories Environmental hereby objects to any conflicting terms contained in any acceptance or order submitted by client.

Analysis Report

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

July 23, 2013

Project: BP Sanborn

Submittal Date: 07/17/2013 Group Number: 1404728 PO Number: D00B4-0004 Release Number: BARBER State of Sample Origin: NY

Client Sample Description	Lancaster Labs (LL) #
Field Dup #8 Water	7129884
B-57 Water	7129885
B-56 Water	7129886
B-56 Matrix Spike Water	7129887
B-56 Matrix Spike Dup Water	7129888
B-23 Water	7129889
B-29 Water	7129890
B-33 Water	7129891
B-24 Water	7129892
B-58 Water	7129893

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

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

Analysis Report

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

Respectfully Submitted,

Kaitlin N. Plasterer Specialist

Maither M. Pasterer

(717) 556-7323

Case Narrative

Project Name: BP Sanborn LLI Group #: 1404728

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 7.4C using a Hg thermometer. The sample bottles were then measured using an IR thermometer and were recorded at 9.4-12.2 C.

Analysis Specific Comments:

SW-846 8260B, GC/MS Volatiles

Batch #: L131991AA (Sample number(s): 7129884-7129893 UNSPK: 7129886)

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



Analysis Report

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

Sample Description: Field Dup #8 Water

BP Sanborn COC: 192479

2040 Cory Drive - Sanborn, NY

LL Sample # WW 7129884 LL Group # 1404728 Account # 12495

Project Name: BP Sanborn

Submitted: 07/17/2013 09:20

Reported: 07/23/2013 15:58

Collected: 07/16/2013 by RCB Atlantic Richfield(Parsons-NY)

BP Corporation

501 WestLake Park Blvd

Houston TX 77079

FDUP8

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
The temperature of the temperature blank bottle(s) upon receipt at the lab was 7.4C using a Hg thermometer. The sample bottles were then measured using an IR thermometer and were recorded at 9.4-12.2 C.



Analysis Report

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

Sample Description: Field Dup #8 Water

BP Sanborn COC: 192479

2040 Cory Drive - Sanborn, NY

LL Sample # WW 7129884 LL Group # 1404728 Account # 12495

Project Name: BP Sanborn

Submitted: 07/17/2013 09:20

Reported: 07/23/2013 15:58

Collected: 07/16/2013 by RCB Atlantic Richfield(Parsons-NY)

BP Corporation

501 WestLake Park Blvd

Houston TX 77079

FDUP8

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	L131991AA	07/18/2013	13:38	Angela D Sneeringer	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	L131991AA	07/18/2013	13:38	Angela D Sneeringer	1



Analysis Report

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

Sample Description: B-57 Water

BP Sanborn COC: 192479

2040 Cory Drive - Sanborn, NY

LL Group # 1404728 Account # 12495

LL Sample # WW 7129885

Project Name: BP Sanborn

Submitted: 07/17/2013 09:20

Reported: 07/23/2013 15:58

Collected: 07/16/2013 11:45 by RCB Atlantic Richfield(Parsons-NY)

BP Corporation

501 WestLake Park Blvd

Houston TX 77079

SB-57

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit*	As Received Limit of Quantitation	Dilution Factor
GC/MS	Volatiles SW-846	8260B	ug/l	ug/l	ug/l	
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 7.4C using a Hg thermometer. The sample bottles were then measured using an IR thermometer and were recorded at 9.4-12.2 C.

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



Analysis Report

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

Sample Description: B-57 Water

BP Sanborn COC: 192479

2040 Cory Drive - Sanborn, NY

LL Group # 1404728 Account # 12495

LL Sample # WW 7129885

Project Name: BP Sanborn

Submitted: 07/17/2013 09:20

Reported: 07/23/2013 15:58

Collected: 07/16/2013 11:45 by RCB Atlantic Richfield(Parsons-NY)

BP Corporation

501 WestLake Park Blvd

Houston TX 77079

SB-57

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
10335	VOCs 8260 Parsons Specs List	SW-846 8260B	1	L131991AA	07/18/2013 14	:00 Angela D Sneeringer	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	L131991AA	07/18/2013 14	:00 Angela D Sneeringer	1



Analysis Report

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: 192479

2040 Cory Drive - Sanborn, NY

LL Group # 1404728 Account # 12495

LL Sample # WW 7129886

Project Name: BP Sanborn

Submitted: 07/17/2013 09:20

Reported: 07/23/2013 15:58

Collected: 07/16/2013 11:30 by RCB Atlantic Richfield(Parsons-NY)

BP Corporation

501 WestLake Park Blvd

Houston TX 77079

SB-56

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	ne	156-59-2	4.6 J	Г	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	ene	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	thane	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	.e	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	21		1.0	5.0	1
10335	Trichlorofluorometha	ne.	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
The temperature of the temperature blank bottle(s) upon receipt at the lab was 7.4C using a Hg thermometer. The sample bottles were then measured using an IR thermometer and were recorded at 9.4-12.2 C.

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



Analysis Report

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: 192479

2040 Cory Drive - Sanborn, NY

LL Group # 1404728 Account # 12495

LL Sample # WW 7129886

Project Name: BP Sanborn

Submitted: 07/17/2013 09:20

Reported: 07/23/2013 15:58

Collected: 07/16/2013 11:30 by RCB Atlantic Richfield(Parsons-NY)

BP Corporation

501 WestLake Park Blvd

Houston TX 77079

SB-56

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
10335	VOCs 8260 Parsons Specs List	SW-846 8260B	1	L131991AA	07/18/2013 12:	10 Angela D Sneeringer	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	L131991AA	07/18/2013 12:	10 Angela D Sneeringer	1



Analysis Report

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

Sample Description: B-56 Matrix Spike Water

BP Sanborn COC: 192479

2040 Cory Drive - Sanborn, NY

LL Sample # WW 7129887 LL Group # 1404728 Account # 12495

Project Name: BP Sanborn

Submitted: 07/17/2013 09:20

Reported: 07/23/2013 15:58

Collected: 07/16/2013 11:30 by RCB Atlantic Richfield(Parsons-NY)

BP Corporation

501 WestLake Park Blvd

Houston TX 77079

SB-56

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit*	As Received Limit of Quantitation	Dilution Factor
GC/MS	Volatiles SW-846	8260B	ug/l	ug/l	ug/l	
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	20	1.0	5.0	1
10335	Bromoform	75-25-2	16	1.0	5.0	1
10335	Bromomethane	74-83-9	19	1.0	5.0	1
10335	Carbon Tetrachloride	56-23-5	23	1.0	5.0	1
10335	Chlorobenzene	108-90-7	21	0.80	5.0	1
10335	Chloroethane	75-00-3	18	1.0	5.0	1
10335	2-Chloroethyl Vinyl Ether	110-75-8	17	2.0	10	1
	2-Chloroethyl vinyl ether may preserve this sample.	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	18	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	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	23	2.0	5.0	1
10335	1,1-Dichloroethane	75-34-3	23	1.0	5.0	1
10335	1,2-Dichloroethane	107-06-2	23	1.0	5.0	1
10335	1,1-Dichloroethene	75-35-4	22	0.80	5.0	1
10335	cis-1,2-Dichloroethene	156-59-2	26	0.80	5.0	1
10335	trans-1,2-Dichloroethene	156-60-5	22	0.80	5.0	1
10335	1,2-Dichloropropane	78-87-5	22	1.0	5.0	1
10335	cis-1,3-Dichloropropene	10061-01-5	20	1.0	5.0	1
10335	trans-1,3-Dichloropropene	10061-02-6	19	1.0	5.0	1
10335	Methylene Chloride	75-09-2	21	2.0	5.0	1
10335	1,1,1,2-Tetrachloroethane	630-20-6	20	1.0	5.0	1
10335	1,1,2,2-Tetrachloroethane	79-34-5	19	1.0	5.0	1
10335	Tetrachloroethene	127-18-4	22	0.80	5.0	1
10335	1,1,1-Trichloroethane	71-55-6	20	0.80	5.0	1
10335	1,1,2-Trichloroethane	79-00-5	20	0.80	5.0	1
10335	Trichloroethene	79-01-6	47	1.0	5.0	1
10335	Trichlorofluoromethane	75-69-4	25	2.0	5.0	1
10335	1,2,3-Trichloropropane	96-18-4	19	1.0	5.0	1
10335	Vinyl Chloride	75-01-4	20	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 7.4C using a Hg thermometer. The sample bottles were then measured using an IR thermometer and were recorded at 9.4-12.2 C.

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



Analysis Report

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

Sample Description: B-56 Matrix Spike Water

BP Sanborn COC: 192479

2040 Cory Drive - Sanborn, NY

LL Sample # WW 7129887 LL Group # 1404728 Account # 12495

Project Name: BP Sanborn

Submitted: 07/17/2013 09:20

Reported: 07/23/2013 15:58

Collected: 07/16/2013 11:30 by RCB Atlantic Richfield(Parsons-NY)

BP Corporation

501 WestLake Park Blvd

Houston TX 77079

SB-56

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Tim	me	Analyst	Dilution Factor
10335	VOCs 8260 Parsons Specs List	SW-846 8260B	1	L131991AA	07/18/2013	12:32	Angela D Sneeringer	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	L131991AA	07/18/2013	12:32	Angela D Sneeringer	1



Analysis Report

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

Sample Description: B-56 Matrix Spike Dup Water

BP Sanborn COC: 192479

2040 Cory Drive - Sanborn, NY

LL Sample # WW 7129888 LL Group # 1404728 Account # 12495

Project Name: BP Sanborn

Submitted: 07/17/2013 09:20

Reported: 07/23/2013 15:58

Collected: 07/16/2013 11:30 by RCB Atlantic Richfield(Parsons-NY)

BP Corporation

501 WestLake Park Blvd

Houston TX 77079

SB-56

CAT No.	Analysis Name		CAS Number	As Received Result	As Received Method Detection Limit*	As Received Limit of Quantitation	Dilution Factor
GC/MS	Volatiles S	W-846 826	0B	ug/l	ug/l	ug/l	
10335	Benzyl Chloride		100-44-7	15	1.0	5.0	1
10335	Bromobenzene		108-86-1	19	1.0	5.0	1
10335	Bromodichloromethane		75-27-4	19	1.0	5.0	1
10335	Bromoform		75-25-2	16	1.0	5.0	1
10335	Bromomethane		74-83-9	19	1.0	5.0	1
10335	Carbon Tetrachloride		56-23-5	22	1.0	5.0	1
10335	Chlorobenzene		108-90-7	20	0.80	5.0	1
10335	Chloroethane		75-00-3	18	1.0	5.0	1
10335	2-Chloroethyl Vinyl Et	her	110-75-8	17	2.0	10	1
	2-Chloroethyl vinyl et preserve this sample.	her may not	t be recovered	if acid was use	ed to		
10335	Chloroform		67-66-3	21	0.80	5.0	1
10335	Chloromethane		74-87-3	18	1.0	5.0	1
10335	Dibromochloromethane		124-48-1	18	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	19	1.0	5.0	1
10335	Dichlorodifluoromethar	ie	75-71-8	22	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	22	1.0	5.0	1
10335	1,1-Dichloroethene		75-35-4	21	0.80	5.0	1
10335	cis-1,2-Dichloroethene		156-59-2	27	0.80	5.0	1
10335	trans-1,2-Dichloroethe	ene	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-Dichloroproper		10061-01-5	19	1.0	5.0	1
10335	trans-1,3-Dichloroprop	ene	10061-02-6	19	1.0	5.0	1
10335	Methylene Chloride		75-09-2	20	2.0	5.0	1
10335	1,1,1,2-Tetrachloroeth		630-20-6	19	1.0	5.0	1
10335	1,1,2,2-Tetrachloroeth	nane	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	20	0.80	5.0	1
10335	1,1,2-Trichloroethane		79-00-5	19	0.80	5.0	1
10335	Trichloroethene		79-01-6	57	1.0	5.0	1
10335	Trichlorofluoromethane		75-69-4	24	2.0	5.0	1
10335	1,2,3-Trichloropropane	<u> </u>	96-18-4	19	1.0	5.0	1
10335	Vinyl Chloride		75-01-4	20	1.0	5.0	1

General Sample Comments

State of New York Certification No. 10670
The temperature of the temperature blank bottle(s) upon receipt at the lab was 7.4C using a Hg thermometer. The sample bottles were then measured using an IR thermometer and were recorded at 9.4-12.2 C.

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



Analysis Report

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

Sample Description: B-56 Matrix Spike Dup Water

BP Sanborn COC: 192479

2040 Cory Drive - Sanborn, NY

LL Sample # WW 7129888 LL Group # 1404728

Account # 12495

Project Name: BP Sanborn

Submitted: 07/17/2013 09:20

Reported: 07/23/2013 15:58

Collected: 07/16/2013 11:30 by RCB Atlantic Richfield(Parsons-NY)

BP Corporation

501 WestLake Park Blvd

Houston TX 77079

SB-56

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Tim	ıe	Analyst	Dilution Factor
10335	VOCs 8260 Parsons Specs List	SW-846 8260B	1	L131991AA	07/18/2013	12:54	Angela D Sneeringer	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	L131991AA	07/18/2013	12:54	Angela D Sneeringer	1



Analysis Report

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

Sample Description: B-23 Water

BP Sanborn COC: 192479

2040 Cory Drive - Sanborn, NY

LL Group # 1404728 Account # 12495

LL Sample # WW 7129889

Project Name: BP Sanborn

Submitted: 07/17/2013 09:20

Reported: 07/23/2013 15:58

Collected: 07/16/2013 09:45 by RCB Atlantic Richfield(Parsons-NY)

BP Corporation

501 WestLake Park Blvd

Houston TX 77079

SB-23

CAT No.	Analysis Name	CAS Number	As Rec Resul	ceived t	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	d if aci	d 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	Dichlorodifluoromethane	75-71-8	N.D.		2.0	5.0	1
10335	1,1-Dichloroethane	75-34-3	3.4	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	0.91	J	0.80	5.0	1
10335	cis-1,2-Dichloroethene	156-59-2	190		0.80	5.0	1
10335	trans-1,2-Dichloroethene	156-60-5	2.2	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		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		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	1.4	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	170		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	9.3		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 7.4C using a Hg thermometer. The sample bottles were then measured using an IR thermometer and were recorded at 9.4-12.2 C.

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



Analysis Report

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

Sample Description: B-23 Water

BP Sanborn COC: 192479

2040 Cory Drive - Sanborn, NY

LL Group # 1404728 Account # 12495

LL Sample # WW 7129889

Project Name: BP Sanborn

Submitted: 07/17/2013 09:20

Reported: 07/23/2013 15:58

Collected: 07/16/2013 09:45 by RCB Atlantic Richfield(Parsons-NY)

BP Corporation

501 WestLake Park Blvd

Houston TX 77079

SB-23

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Tim	ne	Analyst	Dilution Factor
10335	VOCs 8260 Parsons Specs List	SW-846 8260B	1	L131991AA	07/18/2013	14:22	Angela D Sneeringer	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	L131991AA	07/18/2013	14:22	Angela D Sneeringer	1



Analysis Report

Account

LL Sample # WW 7129890

12495

LL Group # 1404728

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

Sample Description: B-29 Water

BP Sanborn COC: 192479

2040 Cory Drive - Sanborn, NY

Project Name: BP Sanborn

Reported: 07/23/2013 15:58

Collected: 07/16/2013 09:00 by RCB Atlantic Richfield(Parsons-NY)

BP Corporation

Submitted: 07/17/2013 09:20 501 WestLake Park Blvd

Houston TX 77079

SB-29

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 ma preserve this sample.	y not be recovered	l 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	0.93 J	0.80	5.0	1
10335	trans-1,2-Dichloroethene	156-60-5	N.D.	0.80	5.0	1
10335	1,2-Dichloropropane	78-87-5	N.D.	1.0	5.0	1
10335	cis-1,3-Dichloropropene	10061-01-5	N.D.	1.0	5.0	1
10335	trans-1,3-Dichloropropene	10061-02-6	N.D.	1.0	5.0	1
10335	Methylene Chloride	75-09-2	N.D.	2.0	5.0	1
10335	1,1,1,2-Tetrachloroethane	630-20-6	N.D.	1.0	5.0	1
10335	1,1,2,2-Tetrachloroethane	79-34-5	N.D.	1.0	5.0	1
10335	Tetrachloroethene	127-18-4	N.D.	0.80	5.0	1
10335	1,1,1-Trichloroethane	71-55-6	N.D.	0.80	5.0	1
10335	1,1,2-Trichloroethane	79-00-5	N.D.	0.80	5.0	1
10335	Trichloroethene	79-01-6	N.D.	1.0	5.0	1
10335	Trichlorofluoromethane	75-69-4	N.D.	2.0	5.0	1
10335	1,2,3-Trichloropropane	96-18-4	N.D.	1.0	5.0	1
10335	Vinyl Chloride	75-01-4	N.D.	1.0	5.0	1

General Sample Comments

State of New York Certification No. 10670
The temperature of the temperature blank bottle(s) upon receipt at the lab was 7.4C using a Hg thermometer. The sample bottles were then measured using an IR thermometer and were recorded at 9.4-12.2 C.

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



Analysis Report

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

Sample Description: B-29 Water

BP Sanborn COC: 192479

2040 Cory Drive - Sanborn, NY

LL Group # 1404728 Account # 12495

LL Sample # WW 7129890

Project Name: BP Sanborn

Submitted: 07/17/2013 09:20

Reported: 07/23/2013 15:58

Collected: 07/16/2013 09:00 by RCB Atlantic Richfield(Parsons-NY)

BP Corporation

501 WestLake Park Blvd

Houston TX 77079

SB-29

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Tim	ne	Analyst	Dilution Factor
10335	VOCs 8260 Parsons Specs List	SW-846 8260B	1	L131991AA	07/18/2013	14:44	Angela D Sneeringer	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	L131991AA	07/18/2013	14:44	Angela D Sneeringer	1



Analysis Report

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

Sample Description: B-33 Water

BP Sanborn COC: 192479

2040 Cory Drive - Sanborn, NY

LL Group # 1404728 Account # 12495

LL Sample # WW 7129891

Project Name: BP Sanborn

Submitted: 07/17/2013 09:20

Reported: 07/23/2013 15:58

Collected: 07/16/2013 12:00 by RCB Atlantic Richfield(Parsons-NY)

BP Corporation

501 WestLake Park Blvd

Houston TX 77079

SB-33

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 preserve this sample		y 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	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	N.D.	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	N.D.	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
The temperature of the temperature blank bottle(s) upon receipt at the lab was 7.4C using a Hg thermometer. The sample bottles were then measured using an IR thermometer and were recorded at 9.4-12.2 C.

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



Analysis Report

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

Sample Description: B-33 Water

BP Sanborn COC: 192479

2040 Cory Drive - Sanborn, NY

LL Group # 1404728 Account # 12495

LL Sample # WW 7129891

Project Name: BP Sanborn

Submitted: 07/17/2013 09:20

Reported: 07/23/2013 15:58

Collected: 07/16/2013 12:00 by RCB Atlantic Richfield(Parsons-NY)

BP Corporation

501 WestLake Park Blvd

Houston TX 77079

SB-33

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	L131991AA	07/18/2013	15:07	Angela D Sneeringer	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	L131991AA	07/18/2013	15:07	Angela D Speeringer	1



Analysis Report

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

Sample Description: B-24 Water

BP Sanborn COC: 192479

2040 Cory Drive - Sanborn, NY

LL Group # 1404728 Account # 12495

LL Sample # WW 7129892

Project Name: BP Sanborn

Submitted: 07/17/2013 09:20

Reported: 07/23/2013 15:58

Collected: 07/16/2013 13:25 by RCB Atlantic Richfield(Parsons-NY)

BP Corporation

501 WestLake Park Blvd

Houston TX 77079

SB-34

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.	not be recovered		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	1.9 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	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	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 7.4C using a Hg thermometer. The sample bottles were then measured using an IR thermometer and were recorded at 9.4-12.2 C.

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



Analysis Report

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

Sample Description: B-24 Water

BP Sanborn COC: 192479

2040 Cory Drive - Sanborn, NY

LL Group # 1404728 Account # 12495

LL Sample # WW 7129892

Project Name: BP Sanborn

Submitted: 07/17/2013 09:20

Reported: 07/23/2013 15:58

Collected: 07/16/2013 13:25 by RCB Atlantic Richfield(Parsons-NY)

BP Corporation

501 WestLake Park Blvd

Houston TX 77079

SB-34

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	L131991AA	07/18/2013	15:29	Angela D Sneeringer	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	L131991AA	07/18/2013	15:29	Angela D Sneeringer	1



Analysis Report

LL Sample # WW 7129893

LL Group # 1404728

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

Sample Description: B-58 Water

BP Sanborn COC: 192479

2040 Cory Drive - Sanborn, NY

Account # 12495

Project Name: BP Sanborn

Submitted: 07/17/2013 09:20

Reported: 07/23/2013 15:58

Collected: 07/16/2013 12:30 by RCB Atlantic Richfield(Parsons-NY)

BP Corporation

501 WestLake Park Blvd

Houston TX 77079

SB-58

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 ma preserve this sample.	•	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 7.4C using a Hg thermometer. The sample bottles were then measured using an IR thermometer and were recorded at 9.4-12.2 C.

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



Analysis Report

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

Sample Description: B-58 Water

BP Sanborn COC: 192479

2040 Cory Drive - Sanborn, NY

LL Group # 1404728 Account # 12495

LL Sample # WW 7129893

Project Name: BP Sanborn

Submitted: 07/17/2013 09:20

Reported: 07/23/2013 15:58

Collected: 07/16/2013 12:30 by RCB Atlantic Richfield(Parsons-NY)

BP Corporation

501 WestLake Park Blvd

Houston TX 77079

SB-58

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Tir	me	Analyst	Dilution Factor
10335	VOCs 8260 Parsons Specs List	SW-846 8260B	1	L131991AA	07/18/2013	15:51	Angela D Sneeringer	1
01163	GC/MS VOA Water Prep	SW-846 5030B	1	L131991AA	07/18/2013	15:51	Angela D Sneeringer	1



Analysis Report

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Page 1 of 3

Quality Control Summary

Client Name: Atlantic Richfield(Parsons-NY) Group Number: 1404728

Reported: 07/23/13 at 03:58 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: L131991AA	Sample num	hom/a) . 7:	100004 710	10003			· ·		
Benzyl Chloride	N.D.	1.0	5.0	uq/1	77		49-120		
Bromobenzene	N.D.	1.0	5.0	ug/1 ug/1	90		80-120		
Bromodichloromethane	N.D.	1.0	5.0		90		73-120		
Bromoform	N.D.	1.0	5.0	ug/1	78		61-120		
				ug/l					
Bromomethane	N.D.	1.0	5.0	ug/l	85		51-120		
Carbon Tetrachloride	N.D.	1.0	5.0	ug/l	99		65-137		
Chlorobenzene	N.D.	0.80	5.0	ug/l	95		80-120		
Chloroethane	N.D.	1.0	5.0	ug/l	81		60-120		
2-Chloroethyl Vinyl Ether	N.D.	2.0	10	ug/l	87		52-127		
Chloroform	N.D.	0.80	5.0	ug/l	101		77-122		
Chloromethane	N.D.	1.0	5.0	ug/l	82		54-123		
Dibromochloromethane	N.D.	1.0	5.0	ug/l	87		72-120		
Dibromomethane	N.D.	1.0	5.0	ug/l	92		80-120		
1,2-Dichlorobenzene	N.D.	1.0	5.0	ug/l	91		80-120		
1,3-Dichlorobenzene	N.D.	1.0	5.0	ug/l	92		80-120		
1,4-Dichlorobenzene	N.D.	1.0	5.0	ug/l	92		80-120		
Dichlorodifluoromethane	N.D.	2.0	5.0	ug/l	94		35-122		
1,1-Dichloroethane	N.D.	1.0	5.0	ug/l	101		79-120		
1,2-Dichloroethane	N.D.	1.0	5.0	ug/l	108		64-130		
1,1-Dichloroethene	N.D.	0.80	5.0	ug/l	94		76-124		
cis-1,2-Dichloroethene	N.D.	0.80	5.0	ug/l	92		80-120		
trans-1,2-Dichloroethene	N.D.	0.80	5.0	ug/l	95		80-120		
1,2-Dichloropropane	N.D.	1.0	5.0	uq/l	102		80-120		
cis-1,3-Dichloropropene	N.D.	1.0	5.0	uq/l	93		78-120		
trans-1,3-Dichloropropene	N.D.	1.0	5.0	uq/l	90		66-124		
Methylene Chloride	N.D.	2.0	5.0	uq/l	97		84-118		
	N.D.	1.0	5.0		90		79-120		
1,1,2,2-Tetrachloroethane	N.D.	1.0	5.0		93		70-129		
•									
				110/1					
Dichlorodifluoromethane 1,1-Dichloroethane 1,2-Dichloroethane 1,1-Dichloroethene cis-1,2-Dichloroethene trans-1,2-Dichloroethene 1,2-Dichloropropane cis-1,3-Dichloropropene trans-1,3-Dichloropropene trans-1,3-Dichloropropene dethylene Chloride 1,1,1,2-Tetrachloroethane	N.D. N.D. N.D. N.D. N.D. N.D. N.D. N.D.	2.0 1.0 1.0 0.80 0.80 0.80 1.0 1.0 1.0	5.0 5.0 5.0 5.0 5.0 5.0 5.0 5.0 5.0	ug/l ug/l ug/l ug/l ug/l ug/l ug/l ug/l	94 101 108 94 92 95 102 93 90 97 90		35-122 79-120 64-130 76-124 80-120 80-120 80-120 78-120 66-124 84-118 79-120		

Sample Matrix Quality Control

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

*- 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.



Analysis Report

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Page 2 of 3

Quality Control Summary

Client Name: Atlantic Richfield(Parsons-NY) Group Number: 1404728

Reported: 07/23/13 at 03:58 PM

10p0100d: 07/23/13 de 03.	MS	MSD	MS/MSD		RPD	BKG	DUP	DUP	Dup RPD
Analysis Name	%REC	%REC	<u>Limits</u>	RPD	<u>MAX</u>	Conc	Conc	<u>RPD</u>	<u>Max</u>
Batch number: L131991AA	Sample	number(s)	: 7129884	-71298	93 UNSP	K: 7129886			
Benzyl Chloride	78	76	42-131	3	30				
Bromobenzene	96	94	82-115	3	30				
Bromodichloromethane	100	96	78-125	4	30				
Bromoform	82	79	48-118	3	30				
Bromomethane	93	93	47-129	0	30				
Carbon Tetrachloride	116	110	72-135	5	30				
Chlorobenzene	103	99	87-124	4	30				
Chloroethane	91	89	51-145	1	30				
2-Chloroethyl Vinyl Ether	86	87	10-151	1	30				
Chloroform	111	106	81-134	5	30				
Chloromethane	91	90	46-137	2	30				
Dibromochloromethane	93	88	74-116	5	30				
Dibromomethane	96	93	83-119	3	30				
1,2-Dichlorobenzene	98	94	84-119	4	30				
1,3-Dichlorobenzene	100	96	86-121	4	30				
1,4-Dichlorobenzene	100	95	85-121	5	30				
Dichlorodifluoromethane	113	112	52-129	2	30				
1,1-Dichloroethane	113	109	84-129	3	30				
1,2-Dichloroethane	117	111	68-131	5	30				
1,1-Dichloroethene	111	107	75-155	3	30				
cis-1,2-Dichloroethene	108	114	80-141	5	30				
trans-1,2-Dichloroethene	109	105	81-142	4	30				
1,2-Dichloropropane	109	106	83-124	3	30				
cis-1,3-Dichloropropene	99	96	70-116	2	30				
trans-1,3-Dichloropropene	95	93	74-119	2	30				
Methylene Chloride	105	100	78-133	5	30				
1,1,1,2-Tetrachloroethane	99	95	74-136	4	30				
1,1,2,2-Tetrachloroethane	95	93	72-128	3	30				
Tetrachloroethene	108	103	80-128	5	30				
1,1,1-Trichloroethane	102	98	69-140	4	30				
1,1,2-Trichloroethane	98	97	71-141	1	30				
Trichloroethene	129	177*	88-133	19	30				
Trichlorofluoromethane	125	122	64-146	2	30				
1,2,3-Trichloropropane	94	94	76-118	0	30				
Vinyl Chloride	99	99	66-133	0	30				

Surrogate Quality Control

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

Analysis Name: PPL + Xylene (total) by 8260

Batch number: L131991AA

	Dibromofluoromethane	1,2-Dichloroethane-d4	Toluene-d8	4-Bromofluorobenzene	
7129884	101	100	101	99	-
7129885	102	102	101	99	
7129886	101	101	101	99	
7129887	101	101	103	103	
7129888	100	100	103	102	
7129889	103	105	102	99	

- *- 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.

Limits:

80-116

Lancaster Laboratories Environmental

77-113

Analysis Report

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Quality Control Summary

80-113

Client Name: Atlantic Richfield(Parsons-NY) Group Number: 1404728 Reported: 07/23/13 at 03:58 PM Surrogate Quality Control 7129890 103 101 7129891 102 103 99 7129892 102 103 101 99 7129893 102 103 100 98 Blank 100 102 101 100 99 102 101 101 103 103 MSD 100 100 103 102

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.

Atlantic Richfield

Laboratory Management Program LaMP Chain of Custody Record 192479 BP/ARC Project Name: BP Sanborn WY

Page	<u>l</u>	_ of	1
•			

	Ompany A BP affiliated company	BP/ARC Pro			, San	Req Due Date (mm/dd/yy): Lab Work Order Number:									Rush TAT:	Yes	. No						
Lab Na	me: Lancaster Labs			BP/AR	C Facility /	Address	: 20	46 (Cor	4 E	ر.					Consulta	nt/Cont	ractor:	Pa	1750	ms		
Lab Ad	dress: 2425 New Holland Py	ke lamaste	PA 17601	City, St	tate, ZIP C	ode:	Som	ممط	n,	W	141	182				Consulta	nt/Cont	ractor I					
Lab PN	1 Kaitlin Plasterer				egulatory											Address	406	Rivi	ere D	<u>}ر{</u>	wite 350 Buf	Falo, NY	14202
Lab Ph	one: 717 656-2300			Californ	nia Global	ID No.:															rge Hermana	•	
i e	ipping Acent:			Enfos F	Proposal N	o: b	001	B4	-00	204	<u> </u>				·	Phone: ((716)	40	7-6	499	90		
Lab Bottle Order No: 141514				Accour	nting Mode	: 10	Prov	vision		00	C-BU_		00C-R	М	_	Email El	DD To:	Love	aine	: <i>U</i>	Mer		
Other I				Stage:	60		Ac	tivity:	81							Invoice [*]	Го:	BP/	ARC_	_	Contractor		
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EBM P	hone: (216) 271-8038	<u> </u>				۰															Sta	ndard	
EBM E	mail:					Container															Full Data Pa	ckage	
Lab No.	Sample Description	Date	Time	Soil / Solid	Air / Vapor	Total Number of Con	Unpreserved	H₂SO₄	HNO ₃	ЮН	Methanol		8760								Cor Note: If sample not c Sample" in comment and initial any preprir	s and single-s	trike out
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Sample	er's Name: Richard CV	Becken	······································			nquis		-	ffiliat	ion			Date	1	Time		Acc	epted	By/	Affil	liation	Date	Time
Sample	er's Company: OHN Enter	orises lux	. '	X	la Q	<u> (</u>	sech	ea.	0	+10			lule	15	30		1						
Shipment Method: Fed Ex Ship Date: 71613																	1						
Shipme	Shipment Tracking No: 801301780411					. 1										CE	she	1		U	'T	7/17/13	0920
	al Instructions:																						
	THIS LINE - LAB USE ONLY: Custody Seals In Place: Yesy No					Yes)/N	。	Co	ooler T	emp (on Rece	eipt: _	7.4	°F	9	Trip B	ank: Fe	/ No		MS	/MSD Sample Subn	nitted: Yes)	No



らっぱつり28 Environmental Sample Administration

Receipt Documentation Log

Client/	Project:	BP,		Shippin	g Containe	er Sealed: YE	S NO			
Date o	f Receipt:	7/17	 	Custody	/ Seal Pres	sent * : YE	NO NO			
Time o	f Receipt: _	092		* Custody	seal was inta	ct unless otherwis	e noted in the			
Source	e Code:	50	- 1	Package	d Not Chilled					
			Temperature of	Shipping Contai	ners	·	,			
Cooler #	Thermometer ID	· · · · · · · · · · · · · · · · · · ·		Wet Ice (WI) or Dry Ice (DI) or Ice Packs (IP)	Ice Present? Y/N	Loose (L) Bagged Ice (B) or NA Comments				
1	DT121	7.4	TB	WI	Y	В	9.4 1.2			
2					-					
3										
4					/					
5										
6										
	Number of Trip Blanks received NOT listed on chain of custody: Paperwork Discrepancy/Unpacking Problems:									
<u> TB</u>	not nea	rice	· · · · · · · · · · · · · · · · · · ·	· · · · · · · · · · · · · · · · · · ·		· · ·				
Coole	r only h	ad 1 bas	of ice on	top			·			
	· · · · · · · · · · · · · · · · · · ·									
Unpacl	Unpacker Signature/Emp#: CSJU 3647 Date/Time: 7/17/13 1/06									



Explanation of Symbols and Abbreviations

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

RL	Reporting Limit	BMQL	Below Minimum Quantitation Level
N.D.	none detected	MPN	Most Probable Number
TNTC	Too Numerous To Count	CP Units	cobalt-chloroplatinate units
IU	International Units	NTU	nephelometric turbidity units
umhos/cm	micromhos/cm	ng	nanogram(s)
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)	Ĺ	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

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 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.

Data Qualifiers:

C - result confirmed by reanalysis.

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

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	Ε	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
Ε	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 EUROFINS LANCASTER LABORATORIES ENVIRONMENTAL, LLC 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 EUROFINS LANCASTER LABORATORIES ENVIRONMENTAL AND (B) WHETHER EUROFINS LANCASTER LABORATORIES ENVIRONMENTAL 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 Eurofins Lancaster Laboratories Environmental which includes any conditions that vary from the Standard Terms and Conditions, and Eurofins Lancaster Laboratories Environmental hereby objects to any conflicting terms contained in any acceptance or order submitted by client.

APPENDIX C

WATER QUALITY DATABASE JANUARY 2001 THROUGH SEPTEMBER 2013

FORMER CARBORUNDUM FACILITY

WHEATFIELD, NEW YORK

Well Id: B- 3M

Date	Lab Sample Id	Method	Carbon tetrachloride (ug/L)	Chloroform (ug/L)	1,1- Dichloro- ethane (ug/L)	1,1- Dichloro ethene (ug/L)	Methylene chloride (ug/L)	Trans-1,2- dichloro- ethene (ug/L)	Cis-1,2- dichloro- ethylene (ug/L)	1,1,1- Trichloro- ethane (ug/L)	Trichloro- ethene (TCE) (ug/L)	Tetrachloro- ethylene (PCE) (ug/L)	Vinyl chloride (ug/L)	Total (ug/L)
07/13/2001	A1663812	8021	ND	ND	0.34 J	ND	ND	1.6	50	ND	4.1	ND	2	58.04
07/12/2002	A2713901	8021	ND	ND	2.4	ND	2.2 J	13	360	ND	36	1.8	18	433.4
07/08/2003	A3649103	8021	ND	ND	ND	ND	7.4	8.5	490	ND	14	ND	5	524.9
07/06/2004	A4636508	8021	ND	ND	2.6	4.4	ND	7.3	190	ND	29	ND	18	251.3
07/14/2005	A5740501	8260/5ML	ND	ND	ND	ND	ND	3.8	75	ND	6.7	ND	7.7	93.2
07/14/2006	6G14010-08	8260	ND	ND	ND	ND	ND	2	41	ND	3	ND	4	50
07/09/2007	7G10002-01	8260	ND	ND	ND	ND	ND	ND	33	ND	2	ND	11	46
07/23/2008	5423254	8260	ND	ND	1.1 J	1 J	ND	4.3 J	190	ND	19	ND	14	229.4
07/08/2009	5719621	8260	ND	ND	1.4 J	1.4 J	ND	4.5 J	240	ND	16	ND	56	319.3
07/12/2010	6030552	8260	ND	ND	ND	1 J	ND	4.5 J	170	ND	18	ND	24	217.5
07/12/2011	6342650	8260	ND	ND	2.6 J	1.4 J	ND	4.1 J	200	1.1 J	54	ND	25	288.2
07/16/2012	6722028	8260	ND	ND	1.6 J	ND	ND	3.1 J	200	ND	26	ND	21	251.7
07/08/2013	7120727	8260	ND	ND	1.7 J	1.2 J	ND	2.8 J	160	1.1 J	100	ND	22	288.8

ND - Not detected, indicates parameter was analyzed for, but not detected at or above the reporting limit.

To address the NYSDEC concerns regarding the presentation and plotting of nondetected values, the data for 2001 to 2004 has been reevaluated and interpreted as follows:

1) Nondetected concentrations have been represented as ND for reporting purposes.

2) Total VOCs have been recalculated and represented as the sum of the detected parameters shown on this table.

3) The method change to 8260 was approved by the NYSDEC and changed in January 2005.

FORMER CARBORUNDUM FACILITY

WHEATFIELD, NEW YORK

Well	I4.	B- 4M
MAGII	ıu.	D- 41VI

Date	Lab Sample Id	Method	Carbon tetrachloride (ug/L)	Chloroform (ug/L)	1,1- Dichloro- ethane (ug/L)	1,1- Dichloro ethene (ug/L)	Methylene chloride (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
07/08/2013	7120735	8260	ND	ND	1.3 J	0.81 J	ND	5.0	89	ND	28	ND	10	134.11

ND - Not detected, indicates parameter was analyzed for, but not detected at or above the reporting limit.

To address the NYSDEC concerns regarding the presentation and plotting of nondetected values, the data for 2001 to 2004 has been reevaluated and interpreted as follows:

1) Nondetected concentrations have been represented as ND for reporting purposes.

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3) The method change to 8260 was approved by the NYSDEC and changed in January 2005.

Well	lq.	B- 5M
44611	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	A1663817	8021	ND	ND	ND	ND	ND	0.47 J	18	ND	20	ND	ND	38.47
07/15/2002	A2723102	8021	ND	ND	ND	ND	ND	ND	3.8	ND	9.5	ND	ND	13.3
07/10/2003	A3654101	8021	ND	ND	ND	ND	ND	ND	4.5	ND	13	ND	ND	17.5
07/07/2004	A4636503	8021	ND	ND	ND	ND	ND	1.1	16	ND	72	ND	ND	89.1
07/12/2005	A5733201	8260/5ML	ND	ND	ND	ND	ND	ND	3.8	ND	12	ND	ND	15.8
07/18/2006	6G19003-09RE1	8260	ND	ND	ND	ND	6 B	ND	9	ND	36	ND	ND	51
07/09/2007	7G10002-03	8260	ND	ND	ND	ND	ND	ND	2	ND	6	ND	ND	8
07/23/2008	5423256	8260	ND	ND	ND	ND	ND	1.5 J	54	ND	290	ND	3 J	348.5
07/13/2009	5722293	8260	ND	ND	ND	ND	ND	1 J	20	ND	82	ND	ND	103
07/12/2010	6030549	8260	ND	ND	ND	ND	ND	1.3 J	33	ND	3.9 J	ND	17	55.2
07/25/2011	6355555	8260	ND	ND	ND	ND	ND	1.1 J	22	ND	150	ND	1.3 J	174.4
07/16/2012	6722026	8260	ND	ND	ND	ND	ND	1.3 J	33	ND	260	ND	1.8 J	296.1
07/09/2013	7122572	8260	ND	ND	ND	ND	ND	ND	3.4 J	ND	25	ND	ND	28.4

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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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3) The method change to 8260 was approved by the NYSDEC and changed in January 2005.

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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To address 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.

Date	Lab Sample Id	Method	Carbon tetrachloride (ug/L)	Chloroform (ug/L)	1,1- Dichloro- ethane (ug/L)	1,1- Dichloro ethene (ug/L)	Methylene chloride (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
07/15/2013	7128199	8260	ND	ND	ND	ND	ND	ND	12	ND	160	ND	ND	172

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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
07/09/2013	7122567	8260	ND	ND	ND	ND	ND	ND	0.94 J	ND	5.2	ND	ND	6.14

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- 8M

	Date	Lab Sample Id	Method	Carbon tetrachloride (ug/L)	Chloroform (ug/L)	1,1- Dichloro- ethane (ug/L)	1,1- Dichloro ethene (ug/L)	Methylene chloride (ug/L)	Trans-1,2- dichloro- ethene (ug/L)	Cis-1,2- dichloro- ethylene (ug/L)	1,1,1- Trichloro- ethane (ug/L)	Trichloro- ethene (TCE) (ug/L)	Tetrachloro- ethylene (PCE) (ug/L)	Vinyl chloride (ug/L)	Total (ug/L)
-	01/12/2001	A1035104	8021	ND	ND	ND	ND	620	ND	1400	ND	7400	ND	ND	9420
	04/24/2001	A1375204	8021	ND	ND	ND	ND	ND	ND	2400	ND	24000	ND	ND	26400
	07/11/2001	A1648705	8021	ND	ND	ND	ND	500	ND	700	ND	11000	ND	ND	12200
	10/17/2001	A1A23313	8021	ND	ND	ND	ND	980	ND	8500	ND	64000	ND	ND	73480
	01/25/2002	A2081501	8021	ND	ND	ND	ND	170	ND	2400	ND	35000 D	ND	ND	37570
	04/22/2002	A2391102	8021	ND	ND	ND	ND	540	ND	ND	ND	22000	ND	ND	22540
	07/17/2002	A2732602	8021	ND	ND	ND	ND	1500	ND	4700	ND	73000	ND	ND	79200
	10/15/2002	A2A23602	8021	ND	ND	ND	ND	ND	ND	7100	ND	41000	ND	ND	48100
	01/24/2003	A3075209	8021	ND	ND	ND	ND	ND	ND	1900	ND	10000	ND	ND	11900
	04/24/2003	A3389604	8021	ND	ND	ND	ND	530	ND	2100	ND	23000	ND	ND	25630
	07/22/2003	A3699407	8021	ND	ND	ND	ND	ND	ND	9500	ND	170000	ND	ND	179500
	10/22/2003	A3A28301	8021	ND	ND	ND	ND	ND	ND	5300	ND	85000	ND	ND	90300
	01/22/2004	A4057101	8021	ND	ND	ND	ND	ND	330	330	ND	12000	ND	ND	12660
	04/30/2004	A4402504	8021	ND	ND	ND	ND	ND	ND	ND	ND	24000	ND	ND	24000
	07/19/2004	A4682701	8260	ND	ND	ND	ND	3000	ND	3900	ND	71000	ND	ND	77900
	07/19/2004	A4682701	8021	ND	ND	ND	ND	ND	ND	7800 E	ND	58000	ND	ND	65800
	10/15/2004	A4A20302	8021	ND	ND	ND	3.6	ND	6.5	980 D	ND	15000 D	4	17	16011.1
	01/12/2005	A5036104	8260	ND	ND	ND	ND	ND	ND	920	ND	65000 E	ND	ND	65920
	01/12/2005	A5036104DL	8260							860 D		51000 D			51860
	04/19/2005	A5387403	8260	ND	ND	ND	ND	ND	ND	430	ND	18000	ND	ND	18430
	07/15/2005	A5747101	8260/5ML	ND	ND	ND	ND	200	ND	3300	ND	34000 E	ND	320	37820
	07/15/2005	A5747101DL	8260/5ML	ND	ND	ND	ND	870 D	ND	2700 D	ND	29000 D	ND	250 D	32820
	10/24/2005	A5B97301	8260	ND	ND	0.93 J	12	ND	13	1400 E	0.61 J	12000 E	5.4	42	13473.94
	10/24/2005	A5B97301DL	8260	ND	ND	ND	ND	ND	ND	880 D	ND	56000 BD	ND	ND	56880
	01/26/2006	A6102405	8260	ND	ND	ND	ND	ND	ND	1000	ND	36000	ND	ND	37000
	04/19/2006	6D20002-03RE1	8260	ND	ND	ND	ND	ND	ND	1020	ND	23200 D	ND	78	24298
	07/14/2006	6G14010-01	8260	ND	ND	ND	20	115	32	3450	ND	58900 D	ND	198	62715
	10/09/2006	6J10002-08	8260	ND	ND	ND	ND	74	ND	975	ND	29100 D	ND	ND	30149
	01/09/2007	7A10006-06	8260	ND	ND	ND	ND	235	ND	2580	ND	48700 D	ND	50	51565
	04/12/2007	7D13007-04	8260	ND	ND	ND	ND	1160	ND	692	ND	17800	ND	ND	19652
	07/16/2007	7G17015-05	8260	ND	ND	ND	ND	1260	ND	4130	ND	71500	ND	ND	76890
	10/09/2007	7J10006-05	8260	ND	ND	ND	ND	ND	ND	6730	ND	120000 D	ND	ND	126730
	01/07/2008	8A08003-02RE1	8260	ND	ND	ND	ND	500	ND	1280	ND	30500	ND	ND	32280
	04/09/2008	8D10002-03	8260	ND	ND	ND	ND	732	ND	4110	ND	101000 D	ND	ND	105842
	07/24/2008	5424623	8260	ND	ND	ND	ND	ND	ND	1400	ND	37000	ND	28 J	38428
	10/16/2008	5501565	8260	ND	ND	ND	ND	ND	ND	4600	ND	32000	ND	200 J	36800
	01/15/2009	5578621	8260	ND	ND	ND	ND	ND	ND	3100	ND	63000	ND	87 J	66187

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1) Nondetected concentrations have been represented as ND for reporting purposes.

2) Total VOCs have been recalculated and represented as the sum 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- 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
07/02/2013	7117030	8260	ND	ND	ND	ND	ND	ND	770	ND	21000	ND	18 J	21788

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WHEATFIELD, NEW YORK

Well Id: B- 9M

Date	Lab Sample Id	Method	Carbon tetrachloride (ug/L)	Chloroform (ug/L)	1,1- Dichloro- ethane (ug/L)	1,1- Dichloro ethene (ug/L)	Methylene chloride (ug/L)	Trans-1,2- dichloro- ethene (ug/L)	Cis-1,2- dichloro- ethylene (ug/L)	1,1,1- Trichloro- ethane (ug/L)	Trichloro- ethene (TCE) (ug/L)	Tetrachloro- ethylene (PCE) (ug/L)	Vinyl chloride (ug/L)	Total (ug/L)
07/17/2002	A2732703	8021	ND	ND	ND	ND	ND	ND	7.4	ND	23	1.7	ND	32.1
07/02/2003	A3639709	8021	ND	ND	ND	ND	ND	ND	1.4	ND	2.8	ND	ND	4.2
06/29/2004	A4614511	8021	ND	ND	ND	ND	ND	ND	ND	ND	2	ND	ND	2
07/07/2005	A5706807	8260	ND	ND	ND	ND	ND	ND	2.7	ND	5.4	1.4	ND	9.5
10/24/2005	A5B97302	8260	ND	ND	ND	ND	ND	ND	ND	ND	1.3 B	ND	ND	1.3
01/24/2006	A6089109	8260	ND	ND	ND	ND	ND	ND	ND	ND	0.67 J	ND	ND	0.67
04/12/2006	6D13005-05	8260	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
07/13/2006	6G14009-05	8260	ND	ND	ND	ND	3	ND	2	ND	3	ND	ND	8
10/09/2006	6J10002-07	8260	ND	ND	ND	ND	ND	ND	1	ND	4	ND	ND	5
01/05/2007	7A05012-03	8260	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
04/04/2007	7D05011-05	8260	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
07/10/2007	7G11015-03	8260	ND	ND	ND	ND	ND	ND	ND	ND	1	ND	ND	1
10/09/2007	7J10006-10	8260	ND	ND	ND	ND	ND	ND	2	ND	ND	ND	ND	2
01/07/2008	8A08003-03	8260	ND	ND	ND	ND	3	ND	ND	ND	ND	ND	ND	3
04/07/2008	8D08002-07	8260	ND	ND	ND	ND	2 B	ND	ND	ND	ND	ND	ND	2
07/16/2008	5417444	8260	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
01/21/2009	5582424	8260	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
04/16/2009	5649164	8260	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
07/07/2009	5718463	8260	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
10/06/2009	5799006	8260	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
01/20/2010	5888926	8260	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
04/06/2010	5946904	8260	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
07/12/2010	6030559	8260	ND	ND	ND	ND	ND	ND	0.85 J	ND	1.7 J	ND	ND	2.55
01/24/2011	6190818	8260	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
04/12/2011	6256716	8260	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
07/12/2011	6342647	8260	ND	ND	ND	ND	ND	ND	ND	ND	1.1 J	ND	ND	1.1
10/10/2011	6433665	8260	ND	ND	ND	ND	ND	ND	2.3 J	ND	5.4	4.1 J	ND	11.8
01/17/2012	6524423	8260	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
04/03/2012	6605292	8260	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
07/11/2012	6717362	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
01/17/2013	6926981	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
07/02/2013	7117034	8260	ND	ND	ND	ND	ND	ND	ND	ND	3.2 J	ND	ND	3.2

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1) Nondetected concentrations have been represented as ND for reporting purposes.

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³⁾ The method change to 8260 was approved by the NYSDEC and changed in January 2005.

Well	ld:	B-10M

Date	Lab Sample Id	Method	Carbon tetrachloride (ug/L)	Chloroform (ug/L)	1,1- Dichloro- ethane (ug/L)	1,1- Dichloro ethene (ug/L)	Methylene chloride (ug/L)	Trans-1,2- dichloro- ethene (ug/L)	Cis-1,2- dichloro- ethylene (ug/L)	1,1,1- Trichloro- ethane (ug/L)	Trichloro- ethene (TCE) (ug/L)	Tetrachloro- ethylene (PCE) (ug/L)	Vinyl chloride (ug/L)	Total (ug/L)
07/10/2001	A1648708	8021	ND	ND	0.72 J	ND	1.1 J	0.64 J	21	4.3	43	ND	ND	70.76
07/16/2002	A2722907	8021	ND	ND	ND	ND	2.6	ND	14	4.3	56	ND	ND	76.9
04/25/2003	A3389601	8021	ND	ND	ND	ND	1.5 J	ND	10	3.6	52	ND	ND	67.1
07/18/2003	A3689004	8021	ND	ND	ND	ND	ND	ND	7.4	2.6	40	ND	ND	50
10/22/2003	A3A21906	8021	ND	ND	ND	ND	ND	ND	19	5.1	92	ND	ND	116.1
04/29/2004	A4402501	8021	ND	ND	ND	ND	ND	ND	10	3.8	59	ND	ND	72.8
07/16/2004	A4674302	8260	ND	ND	ND	ND	1.3 J	ND	4.6	2	36	ND	ND	43.9
07/16/2004	A4674302	8021	ND	ND	1.3	ND	3.8 E	1.9 E	7.6 E	3.7 E	45 E	ND	ND	63.3
10/15/2004	A4A20301	8021	ND	ND	ND	ND	1.3	0.51 J	12	4.1	39	ND	ND	56.91
04/19/2005	A5387402	8260	ND	ND	ND	ND	ND	0.49 J	6	3.5	40 E	ND	ND	49.99
04/19/2005	A5387402DL	8260	ND	ND	ND	ND	ND	ND	5.7 D	3.3 D	40 D	ND	ND	49
07/20/2005	A5762302	8260/5ML	ND	ND	0.7 J	ND	ND	0.75 J	9.1	4.8	45	ND	ND	60.35
10/24/2005	A5B97303	8260	ND	ND	0.67 J	ND	ND	0.63 J	11	4.6	55 B	ND	ND	71.9
04/19/2006	6D20002-02	8260	ND	ND	ND	ND	ND	ND	5	3	30	ND	ND	38
07/18/2006	6G19003-01	8260	ND	ND	ND	ND	4 B	ND	13	6	42	ND	ND	65
10/11/2006	6J12003-07RE1	8260	ND	ND	ND	ND	ND	ND	9	5	53	ND	ND	67
04/18/2007	7D19009-02	8260	ND	ND	ND	ND	ND	ND	4	3	27	ND	ND	34
07/10/2007	7G11015-04	8260	ND	ND	ND	ND	ND	ND	6	4	36	ND	ND	46
10/09/2007	7J10006-11	8260	ND	ND	ND	ND	ND	1	15	5	51	ND	ND	72
04/09/2008	8D10002-01	8260	ND	ND	ND	ND	3	ND	7	3	58	ND	ND	71
07/24/2008	5424625	8260	ND	ND	ND	ND	ND	0.81 J	8.4	4.2 J	43	ND	ND	56.41
10/20/2008	5504259	8260	ND	ND	ND	ND	ND	0.98 J	12	5.1	61	ND	ND	79.08
04/20/2009	5651166	8260	ND	ND	ND	ND	ND	ND	5	3 J	35	ND	ND	43
07/07/2009	5718465	8260	ND	ND	ND	ND	ND	ND	5.5	2.9 J	35	ND	ND	43.4
10/06/2009	5799010	8260	ND	ND	ND	ND	ND	ND	6.5	3.6 J	46	ND	ND	56.1
04/14/2010	5954139	8260	ND	ND	ND	ND	ND	ND	3.9 J	2.4 J	31	ND	ND	37.3
07/12/2010	6030558	8260	ND	ND	ND	ND	ND	ND	5.1	2.8 J	30	ND	ND	37.9
10/18/2010	6115530	8260	ND	ND	ND	ND	ND	1.3 J	16	4.8 J	66	ND	ND	88.1
04/21/2011	6266005	8260	ND	ND	ND	ND	ND	ND	3.3 J	1.6 J	27	ND	ND	31.9
07/20/2011	6352277	8260	ND	ND	ND	ND	ND	ND	4.1 J	2.5 J	32	ND	ND	38.6
10/10/2011	6433666	8260	ND	ND	ND	ND	ND	ND	8.3	3.3 J	46	ND	ND	57.6
04/05/2012	6608275	8260	ND	ND	ND	ND	ND	ND	2.4 J	1.3 J	32	ND	ND	35.7
07/11/2012	6717352	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
07/02/2013	7117035	8260	ND	ND	ND	ND	ND	ND	3.2 J	2.1 J	28	ND	ND	33.3

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To address the NYSDEC concerns regarding the presentation and plotting of nondetected values, the data for 2001 to 2004 has been reevaluated and interpreted as follows:

1) Nondetected concentrations have been represented as ND for reporting purposes.

2) Total VOCs have been recalculated and represented as the sum of the detected parameters shown on this table.

3) The method change to 8260 was approved by the NYSDEC and changed in January 2005.

Date	Lab Sample Id	Method	Carbon tetrachloride (ug/L)	Chloroform (ug/L)	1,1- Dichloro- ethane (ug/L)	1,1- Dichloro ethene (ug/L)	Methylene chloride (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
07/02/2013	7117036	8260	ND	ND	ND	ND	ND	ND	4.3 J	ND	81	4.4 J	ND	89.7

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-12M

Date	Lab Sample Id	Method	Carbon tetrachloride (ug/L)	Chloroform (ug/L)	1,1- Dichloro- ethane (ug/L)	1,1- Dichloro ethene (ug/L)	Methylene chloride (ug/L)	Trans-1,2- dichloro- ethene (ug/L)	Cis-1,2- dichloro- ethylene (ug/L)	1,1,1- Trichloro- ethane (ug/L)	Trichloro- ethene (TCE) (ug/L)	Tetrachloro- ethylene (PCE) (ug/L)	Vinyl chloride (ug/L)	Total (ug/L)
07/18/2002	A2732704	8021	ND	ND	1	ND	ND	ND	30	1.4	74	ND	ND	106.4
07/02/2003	A3639710	8021	ND	ND	8.3	1.8	ND	3.8	87 D	26	82	ND	ND	208.9
06/29/2004	A4614512	8021	ND	ND	4	ND	ND	2.7	71	8.3	240	ND	ND	326
07/08/2005	A5715203	8260/5ML	ND	ND	0.56 J	ND	ND	ND	7.3	1.1	30	ND	ND	38.96
07/18/2006	6G19003-15	8260	ND	ND	9	3	5 B	4	164	8	581 D	ND	6	780
07/09/2007	7G10002-04RE1	8260	ND	ND	1	ND	ND	ND	20	2	77	ND	ND	100
07/16/2008	5417452	8260	ND	ND	69	13	ND	7.8 J	560	110	1600	ND	17	2376.8
07/13/2009	5722292	8260	ND	ND	37	4.3 J	ND	7.1 J	290	78	660	ND	ND	1076.4
07/12/2010	6030550	8260	ND	ND	34	8.5 J	ND	6.4 J	370	64	1700	ND	2.1 J	2185
07/13/2011	6343978	8260	ND	ND	8.9 J	2.7 J	ND	3.2 J	120	14	650	ND	ND	798.8
07/16/2012	6722027	8260	ND	ND	29	7.8	ND	8.6	280	35	1700	ND	ND	2060.4
07/09/2013	7122571	8260	ND	ND	4.7 J	1.8 J	ND	2.1 J	80	8.8	490	ND	ND	587.4

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
TTCII IG.	D 1011

Date	Lab Sample Id	Method	Carbon tetrachloride (ug/L)	Chloroform (ug/L)	1,1- Dichloro- ethane (ug/L)	1,1- Dichloro ethene (ug/L)	Methylene chloride (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
07/08/2013	7120723	8260	ND	ND	26	5.2	ND	4.2 J	460	4.2 J	610	1.5 J	17	1128.1

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-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	2 A2732701	8021	ND	ND	ND	ND	ND	ND	160	ND	730	ND	ND	890
07/02/2003	3 A3639711	8021	ND	ND	ND	ND	ND	0.83 J	39	ND	260 D	ND	ND	299.83
06/29/2004	4 A4614507	8021	ND	ND	ND	ND	12	ND	9.1	ND	120	ND	ND	141.1
06/29/2004	4 A4614507RE	8021	ND	ND	ND	ND	13	ND	10	ND	130	ND	ND	153
07/08/2005	5 A5715204	8260/5ML	ND	ND	ND	ND	ND	1.8	96	ND	560 E	9	ND	666.8
07/08/2005	5 A5715204DL	8260/5ML	ND	ND	ND	ND	ND	ND	81 D	ND	500 D	6.7 D	ND	587.7
07/13/2006	6 6G14009-04	8260	ND	ND	ND	ND	ND	ND	306	ND	1500 D	9	17	1832
07/10/2007	7 7G11015-02RE1	8260	ND	ND	ND	ND	ND	ND	67	ND	541	11	ND	619
07/21/2008	8 5420898	8260	ND	ND	ND	ND	ND	1.1 J	130	ND	300	3.9 J	ND	435
07/18/2011	1 6348761	8260	ND	ND	ND	ND	ND	1.1 J	64	ND	360	4.3 J	ND	429.4
07/09/2013	3 7122569	8260	ND	ND	ND	ND	ND	ND	28	ND	54	ND	ND	82

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-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
07/10/2013	7123810	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-16M

Date	Lab Sample Id	Method	Carbon tetrachloride (ug/L)	Chloroform (ug/L)	1,1- Dichloro- ethane (ug/L)	1,1- Dichloro ethene (ug/L)	Methylene chloride (ug/L)	Trans-1,2- dichloro- ethene (ug/L)	Cis-1,2- dichloro- ethylene (ug/L)	1,1,1- Trichloro- ethane (ug/L)	Trichloro- ethene (TCE) (ug/L)	Tetrachloro- ethylene (PCE) (ug/L)	Vinyl chloride (ug/L)	Total (ug/L)
 07/17/2002	A2732702	8021	ND	ND	ND	ND	ND	ND	ND	ND	2.3	ND	ND	2.3
07/02/2003	A3639712	8021	ND	ND	ND	ND	ND	ND	ND	ND	4.7	ND	ND	4.7
07/02/2003	A3639712RE	8021	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
06/29/2004	A4614510	8021	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
07/08/2005	A5715205	8260/5ML	ND	ND	ND	ND	ND	ND	ND	ND	0.77 J	ND	ND	0.77
07/13/2006	6G14009-03	8260	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
07/18/2007	7G19011-07	8260	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
07/17/2008	5418429	8260	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
07/08/2009	5719617	8260	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
07/12/2010	6030553	8260	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
07/25/2011	6355558	8260	ND	ND	ND	ND	ND	ND	1.1 J	ND	ND	ND	ND	1.1
07/10/2012	6716069	8260	ND	ND	ND	ND	ND	ND	1.2 J	ND	ND	ND	ND	1.2
07/09/2013	7122570	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-17M

Date	Lab Sample Id	Method	Carbon tetrachloride (ug/L)	Chloroform (ug/L)	1,1- Dichloro- ethane (ug/L)	1,1- Dichloro ethene (ug/L)	Methylene chloride (ug/L)	Trans-1,2- dichloro- ethene (ug/L)	Cis-1,2- dichloro- ethylene (ug/L)	1,1,1- Trichloro- ethane (ug/L)	Trichloro- ethene (TCE) (ug/L)	Tetrachloro- ethylene (PCE) (ug/L)	Vinyl chloride (ug/L)	Total (ug/L)
01/13/2001	A1041308	8021	ND	ND	ND	ND	ND	ND	3100	ND	8000	ND	ND	11100
04/20/2001	A1366401	624	ND	ND	100 E	9.7	ND	30	1500 D	9.4	5300 D	3.6	6.1	6958.8
07/11/2001	A1648713	8021	ND	ND	ND	ND	180	ND	3700	ND	8400	ND	ND	12280
10/16/2001	A1A17410	8021	ND	ND	ND	ND	1000	ND	2600	ND	29000	ND	ND	32600
01/25/2002	A2081503	8021	ND	140	ND	ND	140	ND	4500	ND	2800	ND	91	7671
04/22/2002	A2391101	8021	ND	ND	ND	ND	76	ND	12000	ND	4300	ND	2100	18476
07/17/2002	A2732601	8021	ND	ND	ND	ND	160	ND	8600	ND	5500	ND	1800	16060
10/15/2002	A2A23603	8021	ND	ND	ND	ND	1000	ND	49000	ND	17000	ND	4300	71300
01/24/2003	A3075207	8021	ND	ND	ND	ND	190	ND	12000	ND	7100	ND	2600	21890
04/23/2003	A3376304	8021	ND	ND	ND	ND	ND	ND	12000	ND	4400	ND	1400	17800
07/22/2003	A3699406	8021	ND	ND	ND	ND	ND	ND	13000	ND	3800	ND	1100	17900
10/22/2003	A3A28302	8021	ND	ND	ND	ND	170	ND	20000	ND	2500	ND	2600	25270
01/21/2004	A4053403	8021	ND	ND	ND	ND	ND	ND	7800	ND	5600	ND	620	14020
04/28/2004	A4387504	8021	ND	ND	ND	ND	ND	ND	8100	ND	5300	ND	700	14100
07/09/2004	A4647102	8021	ND	ND	120	220	ND	ND	14000	ND	3500	ND	1600	19440
10/08/2004	A4994203	8021	ND	ND	ND	ND	ND	ND	7700	ND	3300	ND	640	11640
01/18/2005	A5051102	8260	ND	ND	100	52	ND	ND	9600	ND	7800	ND	1300	18852
04/19/2005	A5387401	8260	ND	ND	ND	ND	ND	ND	13000 E	ND	6900	ND	1300	21200
04/19/2005	A5387401DL	8260	ND	ND	ND	ND	ND	ND	12000 D	ND	6700 D	ND	1200 D	19900
07/21/2005	A5768404	8260/5ML	ND	ND	110	ND	ND	130	15000	ND	8600	ND	1500	25340
10/21/2005	A5B92803	8260	ND	ND	69	43	ND	60	3300 E	120 E	2900 E	0.98 J	850 E	7342.98
10/21/2005	A5B92803DL	8260	ND	ND	ND	ND	ND	ND	9500 D	140 D	8900 D	ND	1000 D	19540
01/26/2006	A6102401	8260	ND	ND	67	ND	ND	ND	4300	ND	8400	ND	470	13237
04/19/2006	6D20002-04RE1	8260	ND	ND	48	39	ND	60	9570 D	ND	7730 D	ND	1210	18657
07/18/2006	6G19003-05	8260	ND	ND	72	40	212 B	61	8250 D	34	8170 D	ND	1320	18159
10/09/2006	6J10002-09	8260	ND	ND	66	28	129	36	6730 D	175	12000 D	ND	798	19962
01/09/2007	7A10006-08	8260	ND	ND	ND	ND	227	ND	5190	ND	12800 D	ND	372	18589
04/12/2007	7D13007-03	8260	ND	ND	ND	ND	ND	ND	3100	ND	3100	ND	475	6675
07/16/2007	7G17015-01	8260	ND	ND	ND	ND	ND	ND	8490	ND	2940	ND	1510	12940
10/09/2007	7J10006-08	8260	ND	ND	ND	ND	277	ND	12300	ND	3150	ND	2540	18267
01/07/2008	8A08003-10	8260	ND	ND	129	ND	350	ND	4910	ND	3070	ND	718	9177
04/09/2008	8D10002-02	8260	ND	ND	184	ND	468	ND	5820	70	2530	ND	1020	10092
07/25/2008	5426027	8260	ND	ND	71	44 J	ND	45 J	8000	11 J	3800	ND	1300	13271
10/14/2008	5498684	8260	ND	ND	100	50 J	ND	52	11000	10 J	3900	ND	1500	16612
01/14/2009	5577592	8260	ND	ND	180	39	ND	34	5900	49	2800	5.8 J	910	9917.8
04/15/2009	5647720	8260	ND	ND	210	49 J	ND	35 J	6600	75	3900	9.4 J	750	11628.4
07/07/2009	5718470	8260	ND	ND	120	50	ND	62	14000	20 J	3700	ND	2200	20152

ND - Not detected, indicates parameter was analyzed for, but not detected at or above the reporting limit.

To address the NYSDEC concerns regarding the presentation and plotting of nondetected values, the data for 2001 to 2004 has been reevaluated and interpreted as follows:

1) Nondetected concentrations have been represented as ND for reporting purposes.

2) Total VOCs have been recalculated and represented as the sum of the detected parameters shown on this table.

3) The method change to 8260 was approved by the NYSDEC and changed in January 2005.

Date	Lab Sample Id	Method	Carbon tetrachloride (ug/L)	Chloroform (ug/L)	1,1- Dichloro- ethane (ug/L)	1,1- Dichloro ethene (ug/L)	Methylene chloride (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
07/08/2013	7120732	8260	ND	ND	76	47	ND	51	10000	14	5200	4.1 J	1200	16592.1

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 Id: B-18M	B-18M
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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)
01/11/2001	A1035105	8021	ND	ND	2.2	ND	ND	1.2	12	1.6	ND	ND	13	30
04/19/2001	A1361313	624	ND	ND	0.38	ND	ND	ND	2.5	ND	0.24	ND	3.4	6.52
07/12/2001	A1663803	8021	ND	ND	1.9	ND	ND	0.51 J	12	0.47 J	0.56 J	ND	15	30.44
10/12/2001	A1A01001	8021	ND	ND	1	ND	ND	1	28	ND	0.71 J	ND	13	43.71
01/14/2002	A2039402	8021	ND	ND	0.73 J	ND	ND	2.4	61 D	ND	1.8	ND	17	82.93
04/08/2002	A2332602	8260	ND	ND	0.59 J	ND	ND	2.8	56	ND	1.7	ND	12	73.09
07/08/2002	A2695503	8021	ND	ND	ND	ND	ND	1.9	59	ND	ND	ND	22	82.9
10/02/2002	A2980603	8021	ND	ND	0.62 J	ND	ND	2.2	30	ND	0.82 J	ND	14	47.64
01/13/2003	A3038004	8021	ND	ND	0.62 J	ND	ND	1.4	18	ND	ND	ND	14	34.02
04/21/2003	A3370801	8021	ND	ND	0.44 J	ND	1.8 J	3.3	78	ND	4.9	ND	18	106.44
07/14/2003	A3670602	8021	ND	ND	ND	ND	ND	2.6	78	ND	ND	ND	12	92.6
10/15/2003	A3998705	8021	ND	ND	ND	ND	ND	ND	36	ND	ND	ND	19	55
01/07/2004	A4012302	8021	ND	ND	ND	ND	ND	5.7	120	ND	ND	ND	6.1	131.8
04/29/2004	A4402301	8021	ND	ND	ND	ND	ND	1.8	26	ND	ND	ND	16	43.8
07/14/2004	A4664201	8021	ND	ND	ND	ND	ND	2.4	13	ND	ND	ND	11	26.4
10/15/2004	A4A20701	8021	ND	ND	ND	ND	1.2	1.4	33	ND	ND	ND	9	44.6
01/12/2005	A5036402	8260	ND	ND	ND	ND	ND	2.9	45	ND	ND	ND	9	56.9
04/04/2005	A5307809	8260	ND	ND	ND	ND	ND	4.7	72	ND	ND	ND	11	87.7
07/15/2005	A5747001	8260	ND	ND	ND	ND	1.8 J	6.6	92 E	ND	ND	ND	32	132.4
07/15/2005	A5747001DL	8260	ND	ND	ND	ND	2.6 D	5.2 D	75 D	ND	ND	ND	26 D	108.8
07/14/2006	6G14010-03	8260	ND	ND	ND	ND	ND	2	23	ND	1	ND	9	35
07/05/2007	7G06018-01	8260	ND	ND	ND	ND	ND	1	27	ND	ND	ND	11	39
07/23/2008	5423260	8260	ND	ND	ND	ND	ND	1.1 J	26	ND	ND	ND	11	38.1
07/07/2009	5718468	8260	ND	ND	ND	ND	ND	ND	11	ND	ND	ND	5.5	16.5
07/15/2010	6033922	8260	ND	ND	ND	ND	ND	ND	6.5	ND	ND	ND	5.4	11.9
07/18/2011	6348765	8260	ND	ND	ND	ND	ND	ND	8.1	ND	ND	ND	4.6 J	12.7
07/16/2012	6722031	8260	ND	ND	ND	ND	ND	ND	7.0	ND	ND	ND	4.0 J	11
07/02/2013	7117032	8260	ND	ND	ND	ND	ND	ND	6.8	ND	29	ND	1.7 J	37.5

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To address the NYSDEC concerns regarding the presentation and plotting of nondetected values, the data for 2001 to 2004 has been reevaluated and interpreted as follows:

1) Nondetected concentrations have been represented as ND for reporting purposes.

2) Total VOCs have been recalculated and represented as the sum of the detected parameters shown on this table.

3) The method change to 8260 was approved by the NYSDEC and changed in January 2005.

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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To address the NYSDEC concerns regarding the presentation and plotting of nondetected values, the data for 2001 to 2004 has been reevaluated and interpreted as follows:

1) Nondetected concentrations have been represented as ND for reporting purposes.

2) Total VOCs have been recalculated and represented as the sum 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-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
07/08/2013	7120734	8260	ND	ND	ND	ND	ND	ND	2.9 J	ND	ND	ND	ND	2.9

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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.

Well Id:	: В	-20M
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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/	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
	17/2012	6723841	8260	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
07/	15/2013	7128198	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.

WHEATFIELD, NEW YORK

Well Id: B-21M

Date	Lab Sample Id	Method	Carbon tetrachloride (ug/L)	Chloroform (ug/L)	1,1- Dichloro- ethane (ug/L)	1,1- Dichloro ethene (ug/L)	Methylene chloride (ug/L)	Trans-1,2- dichloro- ethene (ug/L)	Cis-1,2- dichloro- ethylene (ug/L)	1,1,1- Trichloro- ethane (ug/L)	Trichloro- ethene (TCE) (ug/L)	Tetrachloro- ethylene (PCE) (ug/L)	Vinyl chloride (ug/L)	Total (ug/L)
04/23/2001	A1375208	8021	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
10/17/2001	A1A23304	8021	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
01/17/2002	A2058505	8021	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
04/10/2002	A2347901	8260	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
07/09/2002	A2695511	8021	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
01/16/2003	A3056001	8021	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
04/15/2003	A3356602	8021	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
07/15/2003	A3670607	8021	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
10/15/2003	A3998706	8021	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
01/08/2004	A4026305	8021	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
04/30/2004	A4402302	8021	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
07/15/2004	A4674102	8021	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
07/15/2004	A4674102	8260	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
10/18/2004	A4A27801	8021	ND	ND	ND	ND	ND	ND	ND	ND	1.7	ND	ND	1.7
01/14/2005	A5038301	8260	ND	ND	ND	ND	ND	ND	ND	ND	2.5	ND	ND	2.5
04/22/2005	A5402104	8260	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
07/25/2005	A5790301	8260/5ML	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
10/21/2005	A5B92301	8260	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
01/24/2006	A6089101	8260	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
04/13/2006	6D14002-03	8260	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
07/17/2006	6G18004-03	8260	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
10/10/2006	6J11002-07	8260	ND	ND	ND	ND	ND	ND	ND	ND	1	ND	ND	1
01/11/2007	7A12004-01	8260	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
04/05/2007	7D06002-01	8260	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
07/18/2007	7G19011-03	8260	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
10/11/2007	7J12012-01	8260	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
01/09/2008	8A10002-02	8260	ND	ND	ND	ND	2	ND	ND	ND	ND	ND	ND	2
04/07/2008	8D08002-02	8260	ND	ND	ND	ND	10 B	ND	ND	ND	ND	ND	ND	10
07/21/2008	5420899	8260	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
10/15/2008	5499966	8260	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
01/13/2009	5576506	8260	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
04/20/2009	5651170	8260	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
07/13/2009	5722289	8260	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
10/06/2009	5799017	8260	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
01/26/2010	5893229	8260	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
04/07/2010	5948416	8260	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
07/15/2010	6033914	8260	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND

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1) Nondetected concentrations have been represented as ND for reporting purposes.

2) Total VOCs have been recalculated and represented as the sum 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-21M

Date	Lab Sample Id	Method	Carbon tetrachloride (ug/L)	Chloroform (ug/L)	1,1- Dichloro- ethane (ug/L)	1,1- Dichloro ethene (ug/L)	Methylene chloride (ug/L)	Trans-1,2- dichloro- ethene (ug/L)	Cis-1,2- dichloro- ethylene (ug/L)	1,1,1- Trichloro- ethane (ug/L)	Trichloro- ethene (TCE) (ug/L)	Tetrachloro- ethylene (PCE) (ug/L)	Vinyl chloride (ug/L)	Total (ug/L)
 10/19/2010	6116884	8260	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
01/27/2011	6194102	8260	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
04/13/2011	6258133	8260	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
07/25/2011	6355562	8260	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
10/10/2011	6433660	8260	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
01/18/2012	6526481	8260	ND	ND	ND	ND	ND	ND	ND	ND	1.1 J	ND	ND	1.1
04/03/2012	6605291	8260	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
07/19/2012	6728257	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
07/11/2013	7125533	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

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1) Nondetected concentrations have been represented as ND for reporting purposes.

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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
07/11/2013	7125534	8260	ND	ND	1.2 J	ND	ND	5.7	150	ND	53	ND	ND	209.9

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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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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)
01/21/2010	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
07/16/2013	7129889	8260	ND	ND	3.4 J	0.91 J	ND	2.2 J	190	1.4 J	170	ND	9.3	377.21

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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

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

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	14.	B-24M
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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)
07/20/2010	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
07/16/2013	7129892	8260	ND	ND	ND	ND	ND	ND	1.9 J	ND	3.7 J	ND	ND	5.6

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 Id: B-25M	Well I	d:	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.

B-26M

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07/18/2007

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WHEATFIELD, NEW YORK

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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	A1674101	8021	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NI
	07/10/2002	A2708302	8021	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NI
	07/02/2003	A3639715	8021	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NI
	07/14/2004	A4664207	8021	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NI

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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.

Well Id: B-28M

Date	Lab Sample Id	Method	Carbon tetrachloride (ug/L)	Chloroform (ug/L)	1,1- Dichloro- ethane (ug/L)	1,1- Dichloro ethene (ug/L)	Methylene chloride (ug/L)	Trans-1,2- dichloro- ethene (ug/L)	Cis-1,2- dichloro- ethylene (ug/L)	1,1,1- Trichloro- ethane (ug/L)	Trichloro- ethene (TCE) (ug/L)	Tetrachloro- ethylene (PCE) (ug/L)	Vinyl chloride (ug/L)	Total (ug/L)
04/07/2010	5948415	8260	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
07/15/2010	6033916	8260	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
10/19/2010	6116886	8260	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
01/27/2011	6194104	8260	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
04/13/2011	6258132	8260	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
07/25/2011	6355560	8260	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
10/10/2011	6433662	8260	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
01/25/2012	6532444	8260	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
04/03/2012	6605289	8260	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
07/19/2012	6728259	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
07/11/2013	7125535	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

Date	Lab Sample Id	Method	Carbon tetrachloride (ug/L)	Chloroform (ug/L)	1,1- Dichloro- ethane (ug/L)	1,1- Dichloro ethene (ug/L)	Methylene chloride (ug/L)	Trans-1,2- dichloro- ethene (ug/L)	Cis-1,2- dichloro- ethylene (ug/L)	1,1,1- Trichloro- ethane (ug/L)	Trichloro- ethene (TCE) (ug/L)	Tetrachloro- ethylene (PCE) (ug/L)	Vinyl chloride (ug/L)	Total (ug/L)
01/16/2001	A1043901	8021	ND	ND	ND	ND	ND	ND	16	ND	0.29 J	ND	1.8	18.09
04/16/2001	A1345806	624	ND	ND	ND	ND	ND	ND	11	ND	ND	ND	ND	11
07/16/2001	A1674114	8021	ND	ND	ND	ND	ND	ND	21	ND	1 J	ND	1.1 J	23.1
10/18/2001	A1A23315	8021	ND	ND	ND	ND	ND	ND	26	ND	7.8	ND	1.8	35.6
01/21/2002	A2066006	8021	ND	ND	ND	ND	ND	ND	26	ND	ND	ND	ND	26
04/17/2002	A2378401	8021	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
07/11/2002	A2708316	8021	ND	ND	ND	ND	ND	ND	32	ND	0.88 J	ND	2.5	35.38
10/09/2002	A2A07701	8021	ND	ND	ND	ND	ND	ND	34	ND	ND	ND	4.5	38.5
01/16/2003	A3055802	8021	ND	ND	ND	ND	ND	ND	9	ND	0.23 J	ND	0.77 J	10
04/21/2003	A3371001	8021	ND	ND	ND	ND	ND	ND	ND	ND	2.5	ND	ND	2.5
07/16/2003	A3683701	8021	ND	ND	ND	ND	ND	ND	12	ND	ND	ND	0.68 J	12.68
10/20/2003	A3A13701	8021	ND	ND	ND	ND	ND	ND	47	ND	1.5	ND	3.8	52.3
01/29/2004	A4077402	8021	ND	ND	ND	0.2 J	ND	ND	26	ND	1.8	ND	2.1	30.1
04/23/2004	A4373001	8021	ND	ND	ND	ND	ND	ND	1.2	ND	ND	ND	ND	1.2
07/21/2004	A4687001	8260	ND	ND	ND	ND	ND	ND	15	ND	0.73 J	ND	ND	15.73
10/20/2004	A4A32401	8021	ND	ND	ND	ND	ND	ND	24	ND	1.4	ND	2.4	27.8
01/13/2005	A5036206	8260	ND	ND	ND	ND	ND	ND	22	ND	1.8	ND	2.1	25.9
04/19/2005	A5387502	8260	ND	ND	ND	ND	ND	ND	12	ND	1.1 J	ND	1.4 J	14.5
07/18/2005	A5753701	8260/5ML	ND	ND	ND	ND	ND	ND	36	ND	3.2	ND	3.1	42.3
07/20/2006	6G21005-08	8260	ND	ND	ND	ND	3	ND	43	ND	8	ND	3	57
07/11/2007	7G12003-02	8260	ND	ND	ND	ND	ND	ND	30	ND	6	ND	3	39
07/25/2008	5426025	8260	ND	ND	ND	ND	ND	ND	19	ND	3 J	ND	1.8 J	23.8
07/14/2009	5723624	8260	ND	ND	ND	ND	ND	ND	17	ND	1.7 J	ND	2.6 J	21.3
07/13/2010	6031620	8260	ND	ND	ND	ND	ND	ND	6.6	ND	ND	ND	1 J	7.6
07/21/2011	6353677	8260	ND	ND	ND	ND	ND	ND	5.8	ND	ND	ND	ND	5.8
07/12/2012	6719400	8260	ND	ND	ND	ND	ND	ND	15	ND	1.9 J	ND	1.7 J	18.6
07/16/2013	7129890	8260	ND	ND	ND	ND	ND	ND	0.93 J	ND	ND	ND	ND	0.93

ND - Not detected, indicates parameter was analyzed for, but not detected at or above the reporting limit.

To address the NYSDEC concerns regarding the presentation and plotting of nondetected values, the data for 2001 to 2004 has been reevaluated and interpreted as follows:

1) Nondetected concentrations have been represented as ND for reporting purposes.

2) Total VOCs have been recalculated and represented as the sum of the detected parameters shown on this table.

3) The method change to 8260 was approved by the NYSDEC and changed in January 2005.

Well Id	•	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
07/09/2013	7122566	8260	ND	ND	ND	ND	ND	ND	3.4 J	ND	ND	ND	ND	3.4

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-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
07/15/2013	7128195	8260	ND	ND	1.1 J	ND	ND	1.4 J	43	ND	31	ND	4.5 J	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	Id.	B-33M
well	ıu.	D-33IVI

Date	Lab Sample Id	Method	Carbon tetrachloride (ug/L)	Chloroform (ug/L)	1,1- Dichloro- ethane (ug/L)	1,1- Dichloro ethene (ug/L)	Methylene chloride (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
07/16/2013	7129891	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	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	lq.	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
07/11/2013	7125532	8260	ND	ND	1.6 J	0.94 J	ND	1.4 J	60	ND	52	ND	1.9 J	117.84

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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.

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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1) Nondetected concentrations have been represented as ND for reporting purposes.

2) Total VOCs have been recalculated and represented as the sum 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)
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
07/02/2013	7117041	8260	ND	ND	ND	ND	ND	ND	1.8 J	ND	6.8	ND	ND	8.6

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To address the NYSDEC concerns regarding the presentation and plotting of nondetected values, the data for 2001 to 2004 has been reevaluated and interpreted as follows:

1) Nondetected concentrations have been represented as ND for reporting purposes.

2) Total VOCs have been recalculated and represented as the sum of the detected parameters shown on this table.

3) The method change to 8260 was approved by the NYSDEC and changed in January 2005.

WHEATFIELD, NEW YORK

Well Id: B-40M

Date	Lab Sample Id	Method	Carbon tetrachloride (ug/L)	Chloroform (ug/L)	1,1- Dichloro- ethane (ug/L)	1,1- Dichloro ethene (ug/L)	Methylene chloride (ug/L)	Trans-1,2- dichloro- ethene (ug/L)	Cis-1,2- dichloro- ethylene (ug/L)	1,1,1- Trichloro- ethane (ug/L)	Trichloro- ethene (TCE) (ug/L)	Tetrachloro- ethylene (PCE) (ug/L)	Vinyl chloride (ug/L)	Total (ug/L)
01/11/2001	A1035107	8021	ND	ND	ND	ND	ND	1.1	5.6	ND	ND	ND	1.5 J	8.2
04/19/2001	A1361306	624	ND	ND	ND	ND	ND	ND	0.97	ND	ND	ND	ND	0.97
07/10/2001	A1648710	8021	ND	ND	ND	ND	ND	0.26 J	3.2	ND	ND	ND	0.28 J	3.74
10/18/2001	A1A23311	8021	ND	ND	ND	ND	ND	0.20 J ND	3.3	ND	41	ND	0.26 J 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	8021	ND	ND	ND	ND	ND	ND	3 E	ND	ND	ND	ND	3
07/16/2004	A4674201	8260	ND	ND	ND	ND	ND	0.58 J	2.9	ND	ND	ND	ND	3.48
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.

Well Id: B-40M

Date	Lab Sample Id	Method	Carbon tetrachloride (ug/L)	Chloroform (ug/L)	1,1- Dichloro- ethane (ug/L)	1,1- Dichloro ethene (ug/L)	Methylene chloride (ug/L)	Trans-1,2- dichloro- ethene (ug/L)	Cis-1,2- dichloro- ethylene (ug/L)	1,1,1- Trichloro- ethane (ug/L)	Trichloro- ethene (TCE) (ug/L)	Tetrachloro- ethylene (PCE) (ug/L)	Vinyl chloride (ug/L)	Total (ug/L)
01/25/2010	5892342	8260	ND	ND	ND	ND	ND	ND	4.1 J	ND	2.6 J	ND	ND	6.7
04/15/2010	5955536	8260	ND	ND	ND	ND	ND	ND	3.9 J	ND	2.7 J	ND	ND	6.6
07/19/2010	6036148	8260	ND	ND	ND	ND	ND	ND	3.7 J	ND	2.5 J	ND	ND	6.2
10/18/2010	6115534	8260	ND	ND	ND	ND	ND	ND	4.4 J	ND	2 J	ND	ND	6.4
01/24/2011	6190816	8260	ND	ND	ND	ND	ND	ND	6.6	ND	4.2 J	ND	ND	10.8
04/20/2011	6264714	8260	ND	ND	ND	ND	ND	ND	2.8 J	ND	1.7 J	ND	ND	4.5
07/20/2011	6352282	8260	ND	ND	ND	ND	ND	ND	3.4 J	ND	2 J	ND	ND	5.4
10/11/2011	6434699	8260	ND	ND	ND	ND	ND	0.91 J	4.7 J	ND	2.1 J	ND	ND	7.71
01/18/2012	6526477	8260	ND	ND	ND	ND	ND	ND	4.2 J	ND	1.8 J	ND	ND	6
04/05/2012	6608277	8260	ND	ND	ND	ND	ND	ND	3.8 J	ND	6.1	ND	ND	9.9
07/11/2012	6717361	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
07/02/2013	7117040	8260	ND	ND	ND	ND	ND	ND	2.6 J	ND	2.6 J	ND	ND	5.2

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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:

1) Nondetected concentrations have been represented as ND for reporting purposes.

2) Total VOCs have been recalculated and represented as the sum 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

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-41M

Date	Lab Sample Id	Method	Carbon tetrachloride (ug/L)	Chloroform (ug/L)	1,1- Dichloro- ethane (ug/L)	1,1- Dichloro ethene (ug/L)	Methylene chloride (ug/L)	Trans-1,2- dichloro- ethene (ug/L)	Cis-1,2- dichloro- ethylene (ug/L)	1,1,1- Trichloro- ethane (ug/L)	Trichloro- ethene (TCE) (ug/L)	Tetrachloro- ethylene (PCE) (ug/L)	Vinyl chloride (ug/L)	Total (ug/L)
01/25/2010	5892343	8260	ND	ND	ND	ND	ND	ND	5.4	ND	ND	ND	ND	5.4
04/15/2010	5955537	8260	ND	ND	ND	ND	ND	ND	6	ND	ND	ND	1.8 J	7.8
07/19/2010	6036149	8260	ND	ND	ND	ND	ND	ND	4.1 J	ND	ND	ND	ND	4.1
10/18/2010	6115535	8260	ND	ND	ND	ND	ND	ND	3.1 J	ND	ND	ND	ND	3.1
01/24/2011	6190821	8260	ND	ND	ND	ND	ND	ND	3.8 J	ND	ND	ND	ND	3.8
04/20/2011	6264717	8260	ND	ND	ND	ND	ND	ND	7.4	ND	ND	ND	2.9 J	10.3
07/20/2011	6352283	8260	ND	ND	ND	ND	ND	ND	4.9 J	ND	ND	ND	ND	4.9
10/11/2011	6434700	8260	ND	ND	ND	ND	ND	ND	4.4 J	ND	ND	ND	ND	4.4
01/18/2012	6526476	8260	ND	ND	ND	ND	ND	ND	6.2	ND	5.8	ND	ND	12
04/05/2012	6608276	8260	ND	ND	ND	ND	ND	ND	7.9	ND	10	ND	ND	17.9
07/11/2012	6717360	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
07/02/2013	7117037	8260	ND	ND	ND	ND	ND	ND	5.7	ND	ND	ND	ND	5.7

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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.

WHEATFIELD, NEW YORK

Well Id: B-42M

Date	Lab Sample Id	Method	Carbon tetrachloride (ug/L)	Chloroform (ug/L)	1,1- Dichloro- ethane (ug/L)	1,1- Dichloro ethene (ug/L)	Methylene chloride (ug/L)	Trans-1,2- dichloro- ethene (ug/L)	Cis-1,2- dichloro- ethylene (ug/L)	1,1,1- Trichloro- ethane (ug/L)	Trichloro- ethene (TCE) (ug/L)	Tetrachloro- ethylene (PCE) (ug/L)	Vinyl chloride (ug/L)	Total (ug/L)
01/12/2001	A1035114	8021	ND	ND	ND	ND	2.1 J	1.2	51	ND	23	ND	ND	77.3
04/20/2001	A1366404	624	ND	ND	ND	ND	ND	ND	39	ND	380 D	ND	ND	419
07/11/2001	A1648704	8021	ND	ND	0.27 J	ND	ND	1.4	45	ND	14	ND	9.4	70.07
10/17/2001	A1A23307	8021	ND	ND	ND	ND	ND	0.4 J	12	ND	3	ND	ND	15.4
11/12/2001	A1B23801	8021	ND	ND	ND	ND	ND	0.56 J	8	ND	4	ND	ND	12.56
01/24/2002	A2076710	8021	ND	ND	ND	ND	ND	0.5 J	8.2	ND	4.8	ND	0.44 J	13.94
04/18/2002	A2378803	8021	ND	ND	ND	ND	ND	0.43 J	4.2	ND	4.1	ND	ND	8.73
07/16/2002	A2722908	8021	ND	ND	ND	ND	ND	0.6 J	8.2	ND	3.9	ND	ND	12.7
10/11/2002	A2A14401	8021	ND	ND	ND	ND	ND	1.5	16	ND	6	ND	ND	23.5
01/23/2003	A3075204	8021	ND	ND	ND	ND	ND	ND	8.9	ND	12	ND	ND	20.9
04/23/2003	A3376302	8021	ND	ND	ND	ND	ND	1.2	12	ND	6.9	ND	0.67 J	20.77
07/22/2003	A3699405	8021	ND	ND	ND	ND	ND	1	15	ND	5.2	ND	ND	21.2
10/22/2003	A3A28303	8021	ND	ND	ND	ND	ND	2	28	ND	8.2	ND	1.4 J	39.6
01/21/2004	A4053402	8021	ND	ND	ND	ND	ND	ND	11	ND	6.9	ND	ND	17.9
04/28/2004	A4387603	8021	ND	ND	ND	ND	ND	1.1	10	ND	4.9	ND	ND	16
07/09/2004	A4647101	8021	ND	ND	ND	ND	ND	1	8.5	ND	4.3	ND	ND	13.8
10/08/2004	A4994202	8021	ND	ND	ND	ND	ND	ND	6.2	ND	3.5	ND	ND	9.7
01/18/2005	A5051101	8260	ND	ND	ND	ND	ND	0.34 J	2.6	ND	2.6	ND	ND	5.54
04/26/2005	A5414403	8260	ND	ND	ND	ND	ND	0.43 J	5.1	ND	3.6	ND	ND	9.13
07/26/2005	A5791701	8260/5ML	ND	ND	ND	ND	ND	1	8.2	ND	3.9	ND	ND	13.1
10/20/2005	A5B92005	8260	ND	ND	ND	ND	ND	1.5	13	ND	5.9	ND	2.2	22.6
01/24/2006	A6089108	8260	ND	ND	ND	ND	ND	ND	4.1	ND	2.9	ND	ND	7
04/19/2006	6D20002-05	8260	ND	ND	ND	ND	ND	ND	6	ND	4	ND	ND	10
07/18/2006	6G19003-08	8260	ND	ND	ND	ND	5 B	ND	7	ND	3	ND	ND	15
10/11/2006	6J12003-03	8260	ND	ND	ND	ND	ND	1	10	ND	4	ND	ND	15
01/10/2007	7A11003-01	8260	ND	ND	ND	ND	ND	ND	3	ND	2	ND	ND	5
04/16/2007	7D17002-01	8260	ND	ND	ND	ND	ND	ND	5	ND	3	ND	ND	8
07/16/2007	7G17015-02	8260	ND	ND	ND	ND	2	ND	3	ND	2	ND	ND	7
10/09/2007	7J10006-09	8260	ND	ND	ND	ND	ND	ND	4	ND	3	ND	ND	7
01/14/2008	8A15002-02	8260	ND	ND	ND	ND	ND	ND	8	ND	4	ND	ND	12
04/14/2008	8D15002-01	8260	ND	ND	ND	ND	2 B	ND	6	ND	3	ND	ND	11
07/23/2008	5423257	8260	ND	ND	ND	ND	ND	0.81 J	6.8	ND	2.4 J	ND	ND	10.01
10/16/2008	5501561	8260	ND	ND	ND	ND	ND	ND	16	ND	31	ND	ND	47
01/21/2009	5582431	8260	ND	ND	ND	ND	ND	ND	6.8	ND	5 J	ND	ND	11.8
04/15/2009	5647725	8260	ND	ND	ND	ND	ND	1.3 J	11	ND	3.7 J	ND	ND	16
07/07/2009	5718476	8260	ND	ND	ND	ND	ND	0.98 J	7.8	ND	2.7 J	ND	ND	11.48
10/07/2009	5800382	8260	ND	ND	ND	ND	ND	ND	6.8	ND	2.6 J	ND	ND	9.4

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To address the NYSDEC concerns regarding the presentation and plotting of nondetected values, the data for 2001 to 2004 has been reevaluated and interpreted as follows:

1) Nondetected concentrations have been represented as ND for reporting purposes.

2) Total VOCs have been recalculated and represented as the sum of the detected parameters shown on this table.

3) The method change to 8260 was approved by the NYSDEC and changed in January 2005.

Well	ld:	B-42M
AACII	iu.	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
07/08/2013	7120728	8260	ND	ND	ND	ND	ND	ND	4.9 J	ND	3.2 J	ND	ND	8.1

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To address the NYSDEC concerns regarding the presentation and plotting of nondetected values, the data for 2001 to 2004 has been reevaluated and interpreted as follows:

1) Nondetected concentrations have been represented as ND for reporting purposes.

2) Total VOCs have been recalculated and represented as the sum of the detected parameters shown on this table.

3) The method change to 8260 was approved by the NYSDEC and changed in January 2005.

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

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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	14.	B-43M
MAGII	ıu.	D-43W

Date	Lab Sample Id	Method	Carbon tetrachloride (ug/L)	Chloroform (ug/L)	1,1- Dichloro- ethane (ug/L)	1,1- Dichloro ethene (ug/L)	Methylene chloride (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
07/08/2013	7120729	8260	ND	ND	ND	ND	ND	ND	5.0	ND	2.4 J	ND	1.5 J	8.9

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.

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 Id B-44N	

Date	Lab Sample Id	Method	Carbon tetrachloride (ug/L)	Chloroform (ug/L)	1,1- Dichloro- ethane (ug/L)	1,1- Dichloro ethene (ug/L)	Methylene chloride (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
07/08/2013	7120733	8260	ND	ND	7.7	ND	ND	ND	10	ND	4.5 J	ND	5.1	27.3

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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.

Date	Lab Sample Id	Method	Carbon tetrachloride (ug/L)	Chloroform (ug/L)	1,1- Dichloro- ethane (ug/L)	1,1- Dichloro ethene (ug/L)	Methylene chloride (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
07/15/2013	7128196	8260	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND

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Well Id:	B-46M
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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)
01/17/2001	A1052405	8021	ND	0.62 J	ND	ND	1.4 J	2.3	54	ND	2.8	ND	3.2	64.32
04/18/2001	A1361304	624	ND	ND	ND	ND	ND	ND	5.8	ND	0.26	ND	ND	6.06
07/18/2001	A1682905	8021	ND	ND	ND	ND	ND	0.32 J	29	ND	1.7	ND	0.61 J	31.63
10/12/2001	A1A01004	8021	ND	ND	ND	ND	ND	0.46 J	41	ND	1.1 J	ND	2.3	44.86
01/15/2002	A2039405	8021	ND	ND	ND	ND	ND	0.46 J	31	ND	1.3	ND	1.7 J	34.46
04/09/2002	A2332611	8260	ND	ND	0.28 J	0.23 J	ND	0.88 J	62 D	ND	2.7	ND	1.8	67.89
07/09/2002	A2695508	8021	ND	ND	ND	ND	ND	ND	52	ND	ND	ND	ND	52
10/03/2002	A2980608	8021	ND	ND	ND	ND	ND	ND	120	ND	6.6	ND	3.3	129.9
01/14/2003	A3043003	8021	ND	ND	ND	ND	ND	1.1	58	ND	3.4	ND	2.9	65.4
04/08/2003	A3329705	8021	ND	ND	ND	ND	ND	ND	12	ND	0.44 J	ND	0.52 J	12.96
07/02/2003	A3639701	8021	ND	ND	ND	ND	ND	ND	36	ND	ND	ND	1.4 J	37.4
10/09/2003	A3978812	8021	ND	ND	ND	ND	ND	ND	150	ND	5.1	ND	3.8	158.9
01/08/2004	A4026306	8021	ND	ND	ND	ND	ND	ND	23	ND	1.5	ND	1.1 J	25.6
04/13/2004	A4331506	8021	ND	ND	ND	ND	ND	ND	82	ND	6.9	ND	2.5	91.4
06/30/2004	A4619405	8021	ND	ND	1.3	ND	ND	2.6	120	ND	8.7	ND	6.4	139
10/22/2004	A4A47805	8021	ND	ND	0.67 J	ND	ND	1.7	130 D	ND	9.2	ND	4.1	147.37
01/13/2005	A5036407	8260	ND	ND	ND	ND	ND	1.8	100	ND	11	ND	5.4	118.2
04/05/2005	A5317609	8260	ND	ND	ND	ND	ND	ND	1.8	ND	ND	ND	ND	1.8
07/12/2005	A5733104	8260/5ML	ND	ND	0.57 J	ND	ND	1.6	82	ND	8.2	ND	5.6	97.97
07/20/2006	6G21005-01	8260	ND	ND	ND	ND	3	1	59	ND	7	ND	4	74
07/10/2007	7G11015-11RE1	8260	ND	ND	ND	ND	ND	ND	33	ND	5	ND	2	40
07/25/2008	5426034	8260	ND	ND	ND	ND	ND	ND	18	ND	1.2 J	ND	2.7 J	21.9
07/14/2009	5723629	8260	ND	ND	ND	ND	ND	ND	28	ND	4.3 J	ND	3.2 J	35.5
07/13/2010	6031617	8260	ND	ND	ND	ND	ND	ND	29	ND	7.7	ND	2.7 J	39.4
07/19/2011	6350138	8260	ND	ND	ND	ND	ND	ND	38	ND	8.9	ND	3 J	49.9
07/12/2012	6719403	8260	ND	ND	ND	ND	ND	ND	46	ND	10	ND	3.3 J	59.3
07/15/2013	7128197	8260	ND	ND	ND	ND	ND	ND	49	ND	10	ND	2.5 J	61.5

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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

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Well	ld:	B-48M
AACII	ıu.	D-40141

Date	Lab Sample Id	Method	Carbon tetrachloride (ug/L)	Chloroform (ug/L)	1,1- Dichloro- ethane (ug/L)	1,1- Dichloro ethene (ug/L)	Methylene chloride (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
07/09/2013	7122577	8260	ND	ND	ND	ND	ND	ND	ND	ND	1.2 J	ND	ND	1.2

ND - Not detected, indicates parameter was analyzed for, but not detected at or above the reporting limit.

To address the NYSDEC concerns regarding the presentation and plotting of nondetected values, the data for 2001 to 2004 has been reevaluated and interpreted as follows:

1) Nondetected concentrations have been represented as ND for reporting purposes.

2) Total VOCs have been recalculated and represented as the sum of the detected parameters shown on this table.

3) The method change to 8260 was approved by the NYSDEC and changed in January 2005.

Date	Lab Sample Id	Method	Carbon tetrachloride (ug/L)	Chloroform (ug/L)	1,1- Dichloro- ethane (ug/L)	1,1- Dichloro ethene (ug/L)	Methylene chloride (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.

Date	Lab Sample Id	Method	Carbon tetrachloride (ug/L)	Chloroform (ug/L)	1,1- Dichloro- ethane (ug/L)	1,1- Dichloro ethene (ug/L)	Methylene chloride (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
07/09/2013	7122574	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-50M
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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)
01/16/2001	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	8260	ND	ND	ND	ND	ND	0.98 J	19	ND	34	ND	0.92 J	54.9
07/20/2004	A4682801	8021	ND	ND	ND	ND	ND	ND	20 E	ND	30 E	ND	ND	50
10/22/2004	A4A48002	8021	ND	ND	ND	ND	ND	0.87 J	23	ND	32	ND	0.59 J	56.46
01/17/2005	A5044301	8260	ND	ND	ND	ND	ND	0.67 J	12	ND	27	ND	ND	39.67
04/19/2005	A5387501	8260	ND	ND	ND	ND	ND	1.1	16	ND	56 E	ND	ND	73.1
04/19/2005	A5387501DL	8260	ND	ND	ND	ND	ND	1.1 D	15 D	ND	55 D	ND	ND	71.1
07/22/2005	A5778501	8260/5ML	ND	ND	ND	ND	ND	1.2	15	ND	51	ND	ND	67.2
07/18/2006	6G19003-11RE1	8260	ND	ND	ND	ND	ND	ND	14	ND	44	ND	ND	58
07/12/2007	7G13019-01	8260	ND	ND	ND	ND	ND	ND	19	ND	69	ND	ND	88
07/22/2008	5422168	8260	ND	ND	ND	ND	ND	1.6 J	25	ND	91	ND	ND	117.6
07/09/2009	5720686	8260	ND	ND	ND	ND	ND	ND	9.2	ND	51	ND	ND	60.2
07/20/2010	6038215	8260	ND	ND	ND	ND	ND	0.9 J	10	ND	49	ND	ND	59.9
07/21/2011	6353676	8260	ND	ND	ND	ND	ND	1 J	13	ND	53	ND	ND	67
07/17/2012	6723847	8260	ND	ND	ND	ND	ND	1.1 J	13	ND	58	ND	ND	72.1
07/15/2013	7128201	8260	ND	ND	ND	ND	ND	1.4 J	20	ND	83	ND	ND	104.4

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 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.

Date	Lab Sample Id	Method	Carbon tetrachloride (ug/L)	Chloroform (ug/L)	1,1- Dichloro- ethane (ug/L)	1,1- Dichloro ethene (ug/L)	Methylene chloride (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
07/15/2013	7128207	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
07/15/2013	7128206	8260	ND	ND	ND	ND	ND	ND	1.3 J	ND	6.7	ND	ND	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-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
	07/15/2013	7128205	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-55M

	Well Id.	D 00111		0.1		1,1-	1,1-	88 - 41 - 1	Trans-1,2-	Cis-1,2-	1,1,1-	Trichloro-	Tetrachloro-	VC . 1	
_	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)
_	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
	07/15/2013	7128204	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

6350139

6437684

6524416

6605298

6719398

6812007

6932574

7015029

7129886

8260

8260

8260

8260

8260

8260

8260

8260

8260

ND

ND

ND

ND

ND

ND

ND

ND

ND

Well Id:

07/19/2011

10/13/2011

01/17/2012

04/03/2012

07/12/2012

10/03/2012

01/23/2013

04/08/2013

07/16/2013

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ND

1.9 J

ND

ND

ND

2.0 J

ND

ND

ND

164.1

318.3

74

60

216.2

307.17

137.97

25.6

181.83

Date	Lab Sample Id	Method		Chloroform (ug/L)	1,1- Dichloro- ethane (ug/L)	1,1- Dichloro ethene (ug/L)	Methylene chloride (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

ND

ND

ND

ND

ND

ND

ND

ND

ND

ND

ND

ND

ND

ND

0.97 J

ND

ND

ND

23

69

21

10

25

200

15

27

4.6 J

ND

2.0 J

ND

ND

ND

1.7 J

ND

ND

ND

140

240

160

64

190

99

45

110

21

ND

ND

ND

ND

ND

ND

ND

ND

ND

1.1 J

2.6 J

0.83 J

ND

1.2 J

1.7 J

ND

0.97 J

ND

ND

2.8 J

ND

ND

ND

1.8 J

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-57M

weii ia:	B-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)
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.

14/-11	Lat.	D 5714
Well	ıa:	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
07/16/2013	7129885	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-58	М
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	Won id.	D 00111		Carbon		1,1-	1,1-	Methylene	Trans-1,2-	Cis-1,2-	1,1,1-	Trichloro-	Tetrachloro-	Vinyl	
_	Date	Lab Sample Id	Method	tetrachloride (ug/L)	Chloroform (ug/L)	Dichloro- ethane (ug/L)	Dichloro ethene (ug/L)	chloride (ug/L)	dichloro- ethene (ug/L)	dichloro- ethylene (ug/L)	Trichloro- ethane (ug/L)	ethene (TCE) (ug/L)	ethylene (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
	07/16/2013	7129893	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-59	М
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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	A2732710	8021	ND	ND	ND	ND	ND	ND	ND	ND	2.5	ND	ND	2.5
08/05/2002	A2793604	8021	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
10/07/2002	A2999201	8021	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
01/16/2003	A3056008	8021	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
04/17/2003	A3361701	8021	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
07/14/2003	A3670605	8021	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
10/14/2003	A3998703	8021	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
01/07/2004	A4012312	8021	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
04/22/2004	A4372901	8021	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
07/14/2004	A4664202	8021	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
10/15/2004	A4A20702	8021	ND	ND	ND	ND	ND	ND	ND	ND	0.79 J	ND	ND	0.79
01/19/2005	A5050901	8260	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
04/25/2005	A5408101	8260	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
07/20/2005	A5762204	8260/5ML	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
07/19/2006	6G20004-14RE1	8260	ND	ND	ND	ND	4	ND	3	ND	3	ND	ND	10
07/17/2007	7G18027-09	8260	ND	ND	ND	ND	ND	1	4	ND	3	ND	ND	8
07/21/2008	5420892	8260	ND	ND	ND	ND	ND	0.8 J	1.1 J	ND	ND	ND	ND	1.9
07/08/2009	5719627	8260	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
07/19/2010	6036152	8260	ND	ND	ND	ND	ND	2.2 J	6.9	ND	ND	ND	3 J	12.1
04/13/2011	6258124	8260	ND	ND	ND	ND	ND	ND	1.2 J	ND	ND	ND	ND	1.2
07/12/2011	6342643	8260	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
07/11/2012	6717359	8260	ND	ND	ND	ND	ND	ND	3.4 J	ND	ND	ND	2.7 J	6.1
07/10/2013	7123808	8260	ND	ND	ND	ND	ND	ND	0.90 J	ND	ND	ND	ND	0.9

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 Id:	B-60M
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Won id.	D com				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)
07/17/2002	A2732708	8021	ND	ND	ND	ND	ND	ND	ND	ND	3.8	ND	ND	3.8
08/05/2002	A2793610	8021	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
10/04/2002	A2986402	8021	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
01/16/2003	A3056006	8021	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
04/17/2003	A3361702	8021	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
07/14/2003	A3670604	8021	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
10/14/2003	A3998702	8021	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
01/08/2004	A4026302	8021	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
04/22/2004	A4372903	8021	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
07/14/2004	A4664205	8021	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
10/20/2004	A4A32103	8021	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
01/19/2005	A5050902	8260	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
04/22/2005	A5402103	8260	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
07/20/2005	A5762205	8260/5ML	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
07/19/2006	6G20004-10	8260	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
07/17/2007	7G18027-06	8260	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
07/21/2008	5420895	8260	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
07/08/2009	5719625	8260	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
07/19/2010	6036153	8260	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
07/12/2011	6342644	8260	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
07/11/2012	6717358	8260	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
07/10/2013	7123811	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-61M

Date	Lab Sample Id	Method	Carbon tetrachloride (ug/L)	Chloroform (ug/L)	1,1- Dichloro- ethane (ug/L)	1,1- Dichloro ethene (ug/L)	Methylene chloride (ug/L)	Trans-1,2- dichloro- ethene (ug/L)	Cis-1,2- dichloro- ethylene (ug/L)	1,1,1- Trichloro- ethane (ug/L)	Trichloro- ethene (TCE) (ug/L)	Tetrachloro- ethylene (PCE) (ug/L)	Vinyl chloride (ug/L)	Total (ug/L)
07/18/2002	A2732705	8021	ND	5	ND	ND	ND	ND	4.8	ND	26	ND	ND	35.8
08/05/2002	A2793611	8021	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
10/03/2002	A2980612	8021	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
01/16/2003	A3056007	8021	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
04/14/2003	A3347501	8021	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
07/14/2003	A3670603	8021	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
10/14/2003	A3998701	8021	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
01/08/2004	A4026301	8021	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
04/22/2004	A4372902	8021	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
07/14/2004	A4664206	8021	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
10/20/2004	A4A32104	8021	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
01/19/2005	A5050903	8260	ND	ND	ND	ND	ND	ND	ND	ND	0.3 J	ND	ND	0.3
04/25/2005	A5408102	8260	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
07/20/2005	A5762206	8260/5ML	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
07/19/2006	6G20004-11	8260	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
07/17/2007	7G18027-07	8260	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
07/21/2008	5420896	8260	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
07/08/2009	5719626	8260	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
07/19/2010	6036154	8260	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
07/12/2011	6342645	8260	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
07/11/2012	6717357	8260	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
07/10/2013	7123809	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-62M

Date	Lab Sample Id	Method	Carbon tetrachloride (ug/L)	Chloroform (ug/L)	1,1- Dichloro- ethane (ug/L)	1,1- Dichloro ethene (ug/L)	Methylene chloride (ug/L)	Trans-1,2- dichloro- ethene (ug/L)	Cis-1,2- dichloro- ethylene (ug/L)	1,1,1- Trichloro- ethane (ug/L)	Trichloro- ethene (TCE) (ug/L)	Tetrachloro- ethylene (PCE) (ug/L)	Vinyl chloride (ug/L)	Total (ug/L)
07/17/2002	A2732712	8021	ND	ND	ND	ND	ND	ND	2.2	ND	7.4	ND	ND	9.6
08/05/2002	A2793609	8021	ND	ND	ND	ND	ND	ND	0.86 J	ND	3.1	ND	ND	3.96
10/04/2002	A2986403	8021	ND	ND	ND	ND	ND	ND	ND	ND	1.2	ND	ND	1.2
01/17/2003	A3056009	8021	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
04/03/2003	A3315007	8021	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
07/08/2003	A3649202	8021	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
10/08/2003	A3978808	8021	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
01/07/2004	A4012309	8021	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
04/15/2004	A4337501	8021	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
06/29/2004	A4614509	8021	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
10/27/2004	A4A60303	8021	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
04/04/2005	A5307806	8260	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
07/12/2005	A5725406	8260/5ML	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
07/21/2006	6G21018-03	8260	ND	ND	ND	ND	4	ND	ND	ND	ND	ND	ND	4
07/17/2007	7G18027-03	8260	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
07/17/2008	5418423	8260	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
07/08/2009	5719616	8260	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
07/22/2010	6040536	8260	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
07/26/2011	6357495	8260	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
07/10/2012	6716076	8260	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
07/10/2013	7123803	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-63M
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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	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
07/10/2013	7123802	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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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

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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)
07/17/2002	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
07/10/2013	7123805	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.

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B-66M

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WHEATFIELD, NEW YORK

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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	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

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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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77011741	2 07.11.		0.1		1,1-	1,1-	March 1	Trans-1,2-	Cis-1,2-	1,1,1-	Trichloro-	Tetrachloro-	VC . 1	
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)
07/17/2002	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
07/10/2013	7123807	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.

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

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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WHEATFIELD, NEW YORK

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

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)
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
07/11/2013	7125530	8260	ND	ND	77	21	ND	9.1	780	530	8700	1.3 J	44	10162.4

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WHEATFIELD, NEW YORK

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
07/08/2013	7120726	8260	ND	ND	ND	ND	ND	3.7 J	100	ND	2.2 J	ND	1.6 J	107.5

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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

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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)
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
07/09/2013	7122573	8260	ND	ND	39	8.4 J	ND	7.8 J	700	18 J	2500	ND	16 J	3289.2

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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.

Well	ld:	PW-1

			Carbon		1,1-	1,1-	Mothylone	Trans-1,2-	Cis-1,2-	1,1,1-	Trichloro-	Tetrachloro-	Vinyl	
Date	Lab Sample Id	Method	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)	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
07/08/2013	7120731	8260	ND	ND	2.6 J	1.5 J	ND	2.0 J	260	1.1 J	660	ND	14	941.2

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	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

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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

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			6.6 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:

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³⁾ The method change to 8260 was approved by the NYSDEC and changed in January 2005.

Well	Id-	PW-3
44611	ıu.	1 44-2

Dat	te	Lab Sample Id	Method	Carbon tetrachloride (ug/L)	Chloroform (ug/L)	1,1- Dichloro- ethane (ug/L)	1,1- Dichloro ethene (ug/L)	Methylene chloride (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
07/02/	2013	7117031	8260	ND	ND	ND	ND	ND	ND	120	ND	410	5.1	2.7 J	537.8

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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3) The method change to 8260 was approved by the NYSDEC and changed in January 2005.

Well	ld:	PW-4

Well Id.	1 11-4		Carbon		1,1-	1,1-	Mathylana	Trans-1,2-	Cis-1,2-	1,1,1-	Trichloro-	Tetrachloro-	Vimed	
Date	Lab Sample Id	Method	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)
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
07/11/2013	7125531	8260	ND	ND	1.2 J	ND	ND	ND	44	1.5 J	2.0 J	ND	3.0 J	51.7

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:

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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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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.

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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)
01/23/2013	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
07/11/2013	7125537	8260	ND	ND	18 J	ND	ND	ND	300	ND	580	ND	15 J	913

ND - Not detected, indicates parameter was analyzed for, but not detected at or above the reporting limit.

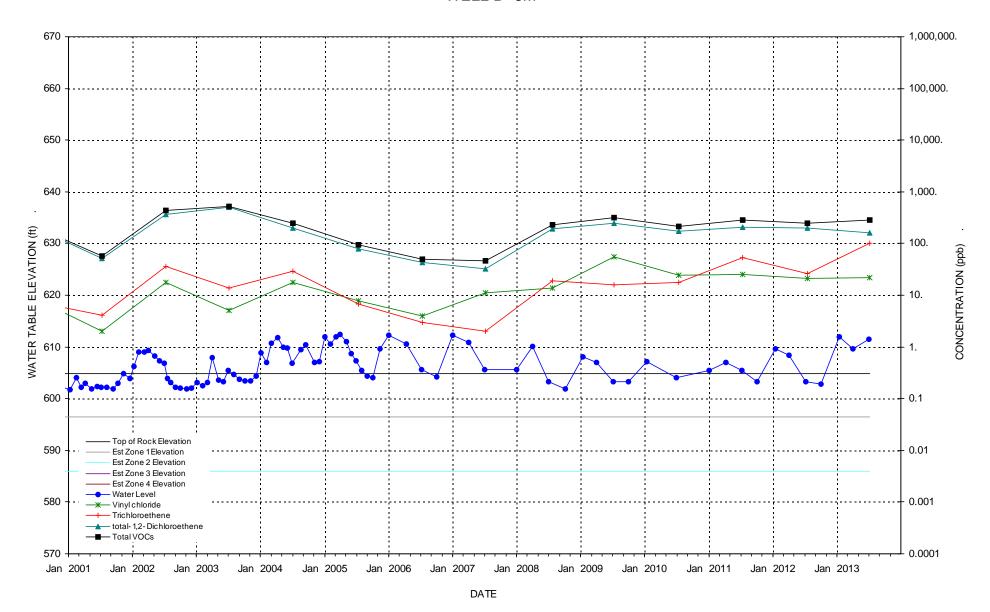
To address the NYSDEC concerns regarding the presentation and plotting of nondetected values, the data for 2001 to 2004 has been reevaluated and interpreted as follows:

1) Nondetected concentrations have been represented as ND for reporting purposes.

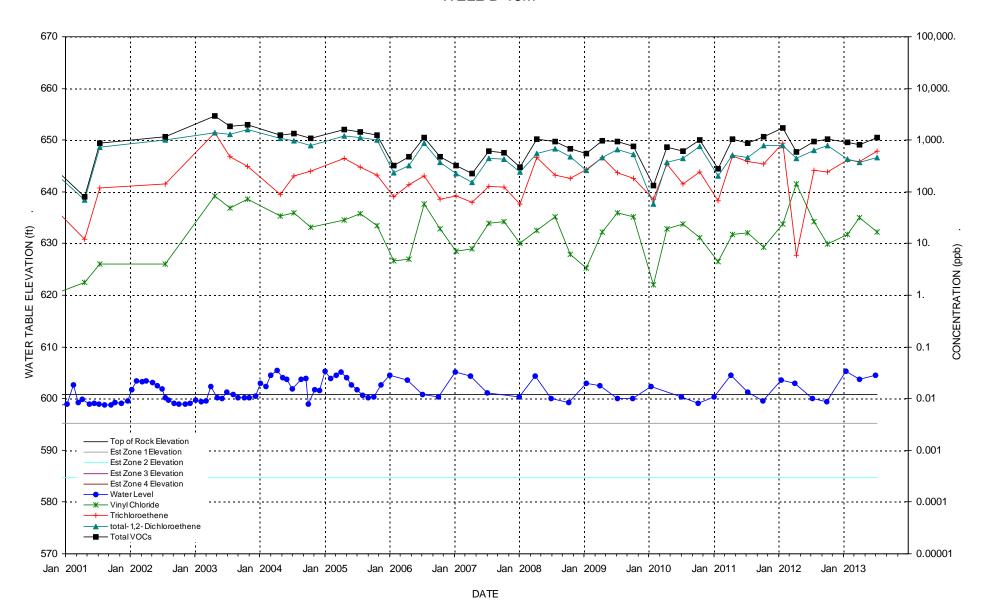
2) Total VOCs have been recalculated and represented as the sum of the detected parameters shown on this table.

3) The method change to 8260 was approved by the NYSDEC and changed in January 2005.

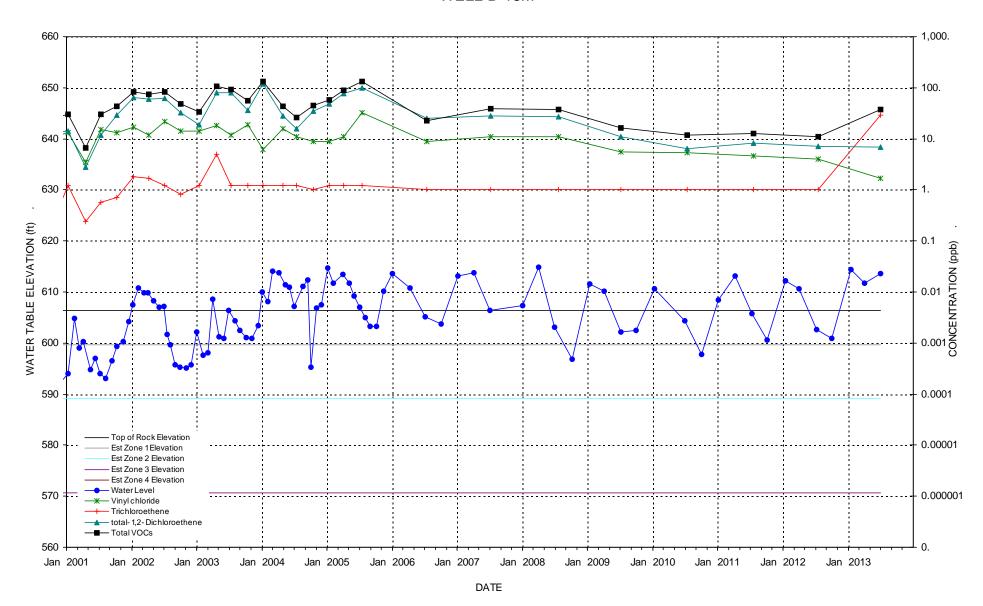
WELL B- 3M



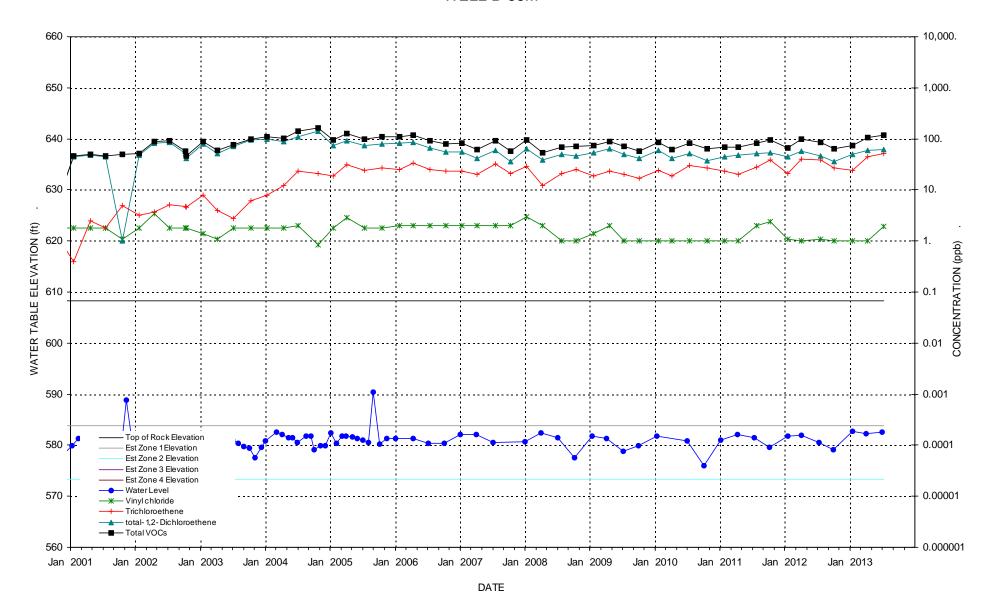
WELL B-13M



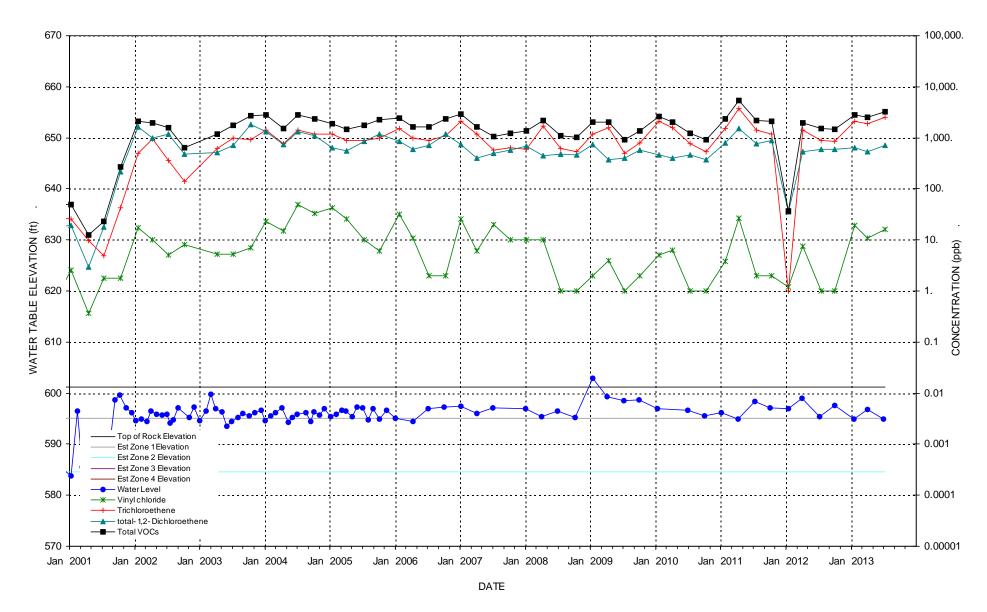
WELL B-18M



WELL B-38M



WELL P-4



PW-3 (former DNAPL Sump)

