SECOND QUARTER 2009 MONITORING REPORT

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

Prepared for:



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

270 Michigan Avenue

Buffalo, New York 14203

Submitted by:

Atlantic Richfield Company

A BP affiliated company

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

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August 2009

GROUNDWATER REMEDIATION PROGRAM AT THE

FORMER CARBORUNDUM FACILITY

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TABLE OF CONTENTS

| INTRODUCTION1 |
|---|
| WATER LEVEL MEASUREMENTS1 |
| GROUNDWATER SAMPLING1 |
| LABORATORY ANALYSIS AND RESULTS2 |
| SUMMARY OF OPERATIONS AND MAINTENANCE ACTIVITY3 |
| EFFLUENT AND PERMIT COMPLIANCE ISSUES |
| SUMMARY AND CONCLUSIONS |
| LIST OF FIGURES FIGURE 1 – PROJECT LOCATION PLAN FIGURE 2 – SITE PLAN FIGURE 3 – SUMMARY OF RESULTS - TOP OF ROCK AND ZONE 1 FIGURE 4 – SUMMARY OF RESULTS - ZONE 2, 3, 4, AND 5 FIGURE 5 – GROUNDWATER ELEVATION - TOP OF ROCK FIGURE 6 – GROUNDWATER ELEVATION - ZONE 1 LIST OF TABLES |
| TABLE 1 – MONTHLY GROUNDWATER ELEVATION DATA TABLE 2 – MONITORING WELL GROUNDWATER PURGING DATA TABLE 3 – MONITORING WELL GROUNDWATER SAMPLING DATA TABLE 4 – MONITORING WELL GROUNDWATER RESULT SUMMARY TABLE 5 - NATURAL ATTENUATION ANALYTICAL SUMMARY |
| APPENDIX A MONITORING WELL SAMPLING FIELD FORMS |
| APPENDIX B LABORATORY DATA REPORTS |
| APPENDIX C WATER QUALITY DATABASE JANUARY 2001 THROUGH JUNE 2009 |

APPENDIX D ELECTRONIC COPY OF THE REPORT IN PORTABLE

DOCUMENT FILE (PDF) FORMAT

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

INTRODUCTION

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

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

WATER LEVEL MEASUREMENTS

On April 2, 2009, water levels were measured in 60 monitoring and 6 recovery wells. The water levels were measured (to the nearest 0.01 feet) from the top of the well casing using an electronic water level meter. The water level meter was decontaminated between measurements at each well. Water level elevations were calculated using the surveyed elevations of the top of well casings and the measured depth to groundwater. Table 1 provides a summary of the water level measurements. Groundwater elevation contours for the Top of Rock Zone and Zone 1 for April 2009 are shown in Figures 5 and 6. Groundwater elevations and resultant flow patterns are consistent with the historical data.

GROUNDWATER SAMPLING

The groundwater sampling event was completed between April 13 and April 20, 2009. Groundwater samples were divided into three different groups based on historical analytical results from individual wells. The sampling groups were identified as least impacted (low), medium impacted (medium), and most impacted (high). To the extent practicable, the wells in the low group were sampled first, followed by wells in the medium group, and lastly, wells in the high group.

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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. Analytical results for the QA/QC samples are included in Appendix B. A trip blank was included with each sample cooler.

Low-flow sampling methods were employed to collect 15 groundwater samples. These samples were analyzed for natural attenuation parameters. A pneumatically operated bladder pump was placed approximately one to two feet above the well bottom. Groundwater was pumped through an in-line flow cell until groundwater quality readings for indicator parameters (pH, temperature, conductivity, redox, and dissolved oxygen) stabilized. Data collected during purging can be found on the field sampling forms in Appendix A and Table 2. Purge volumes varied from one to 13 gallons per well. After the parameters stabilized, the groundwater sample was collected.

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

The six recovery well samples were collected from sampling ports at the well head or directly from the well with an HDPE disposable bailer. Field parameters were collected immediately after sample collection (see Table 3). All the samples collected were placed in precleaned, labeled 40-ml glass vials provided by Lancaster Laboratories. The sample vials did not contain preservatives. Three sample vials were collected for each analysis. The containers were visually inspected to confirm that they did not contain air bubbles.

SURFACE WATER SAMPLE

One surface water sample was collected from the quarry pond on April 20, 2009. The sample was collected by directly filling three pre-cleaned, 40-ml glass vials provided by Lancaster Laboratories with quarry pond water. The sample vials did not contain preservatives. The containers were visually inspected to confirm that they did not contain air bubbles.

LABORATORY ANALYSIS AND RESULTS

Groundwater samples collected during the April 2009 sampling event were submitted to Lancaster Laboratories, a New York State certified laboratory, for analysis using Method 8260B. The Method 8260B analytical reports provided results for selected halogenated VOCs. The analytical results are listed in the laboratory data reports in Appendix B, along with chain-of-custody records (COCs).

The analytical results for this round of groundwater sampling are consistent with historical concentrations, and have been summarized in Table 4. Figures 3 and 4 provide a summary of the analytical results, plotted on a site map. The sample results have been incorporated into the

water quality database. A historical summary (January 2001 through June 2009) is provided in the tables in Appendix C.

Limited data validation was performed on the analytical results. Although precision and accuracy outliers were noted by the laboratory for project-designated MS/MSD analyses, all sample data are considered usable and valid for their intended purpose.

SUMMARY OF OPERATIONS AND MAINTENANCE ACTIVITY

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

- minor repair to P-4 controls and electrical wiring;
- recalibrated water levels to level controllers;
- installed blank doors on unused boxes of the MCC panel;
- replaced dessicant filters on each of the level probe boxes; and
- replaced the padlock on well B-16.

EFFLUENT AND PERMIT COMPLIANCE ISSUES

During the reporting period, approximately 12.5 million gallons of groundwater were recovered and treated. Treated groundwater was discharged to Cayuga Creek under SPDES permit NY0001988. The SPDES permit authorizes discharge through March 31, 2012. The average pumping rate from the system was approximately 95.1 gallons per minute during the reporting period. (Note that currently the pumping rate is set at 90 gpm.)

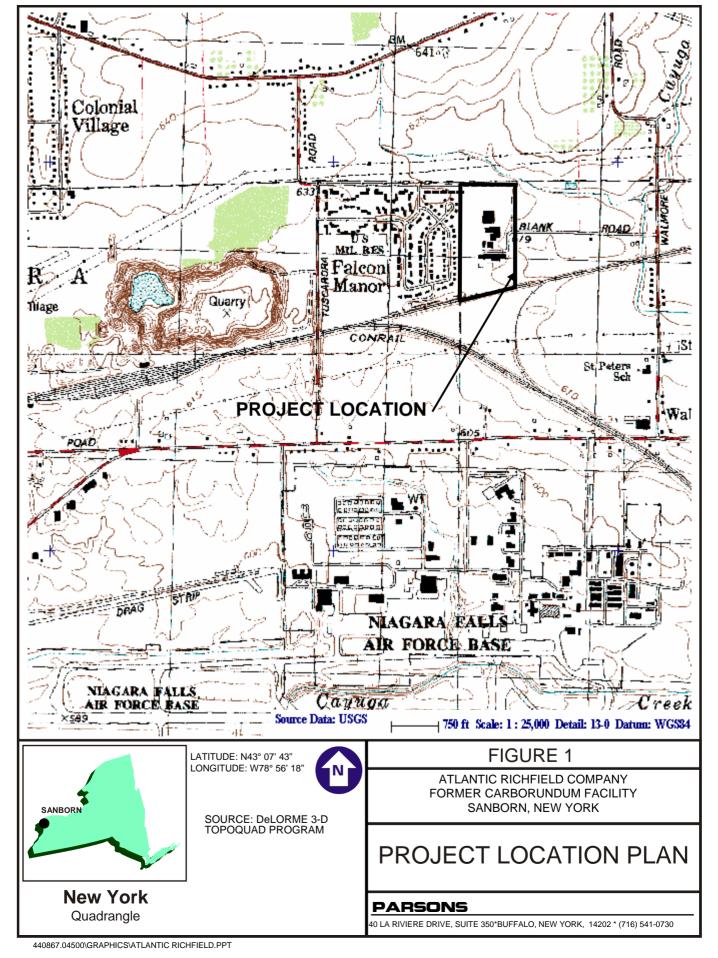
Effluent samples were collected at the outfall (OU1) inside the treatment building. Monthly discharge monitoring reports (DMRs) were provided to NYSDEC, in compliance with the SPDES permit (NY0001988). The DMRs documented the analytical results from the effluent samples. All analytical results were compliant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

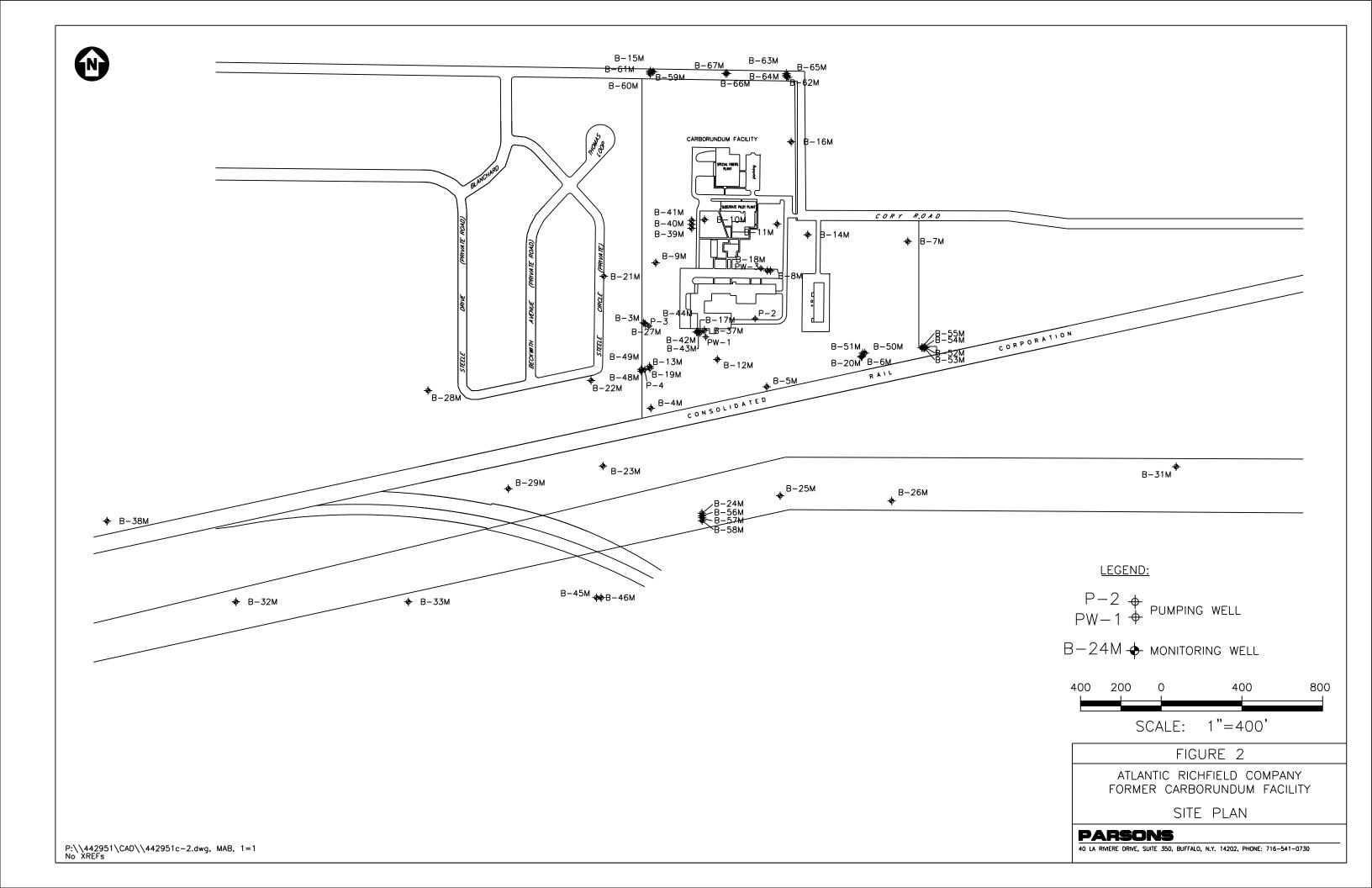
SUMMARY AND CONCLUSIONS

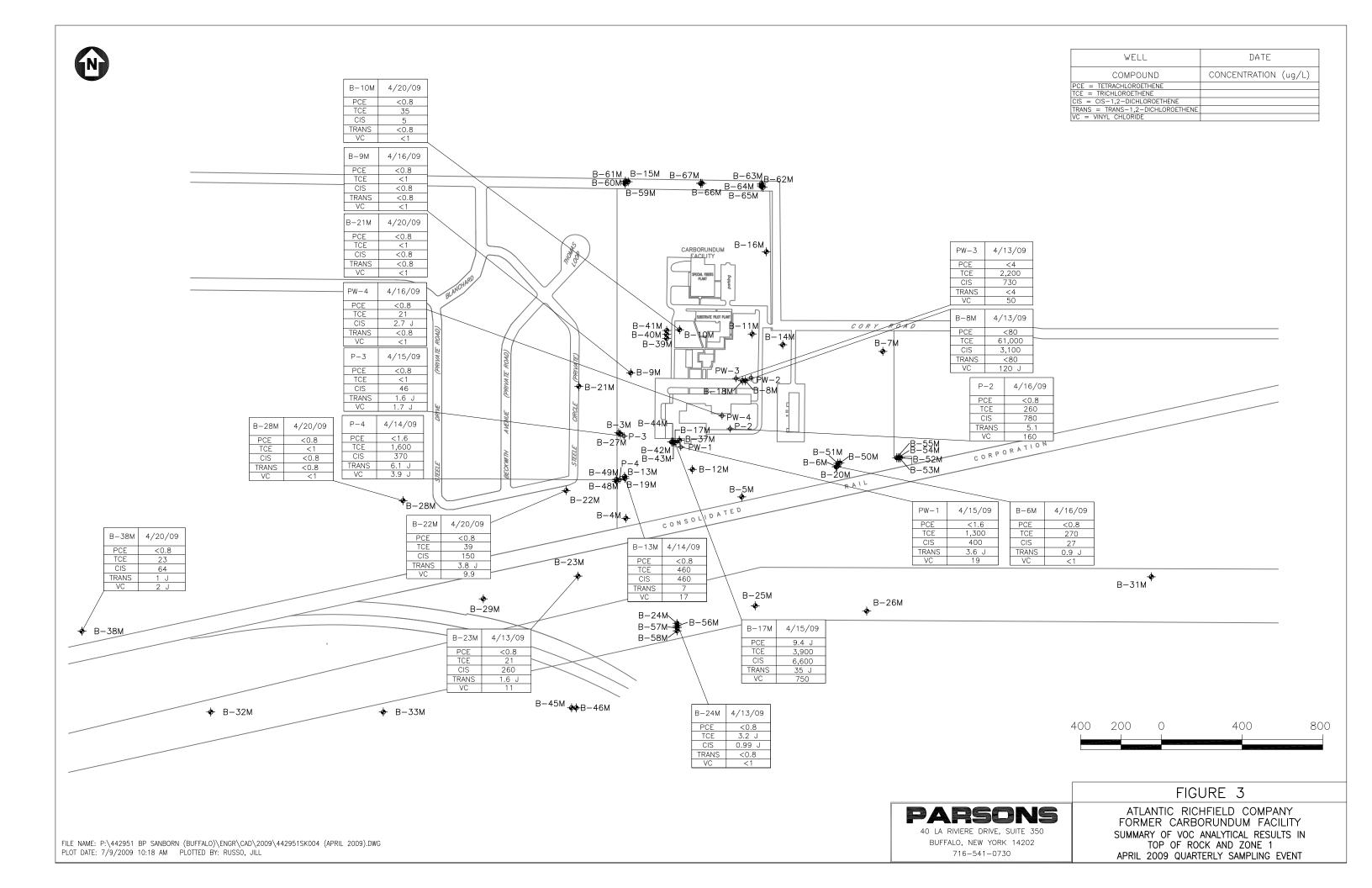
- Groundwater elevation and flow paths were consistent with historical patterns.
- Analytical results for VOCs were consistent with historical concentrations. The data are considered valid for their intended use.
- To the extent possible, the groundwater recovery and treatment system was operated continuously throughout the reporting period.
- Discharge monitoring reports (DMRs) were provided to NYSDEC, and all data were within compliance parameters for the reporting period.

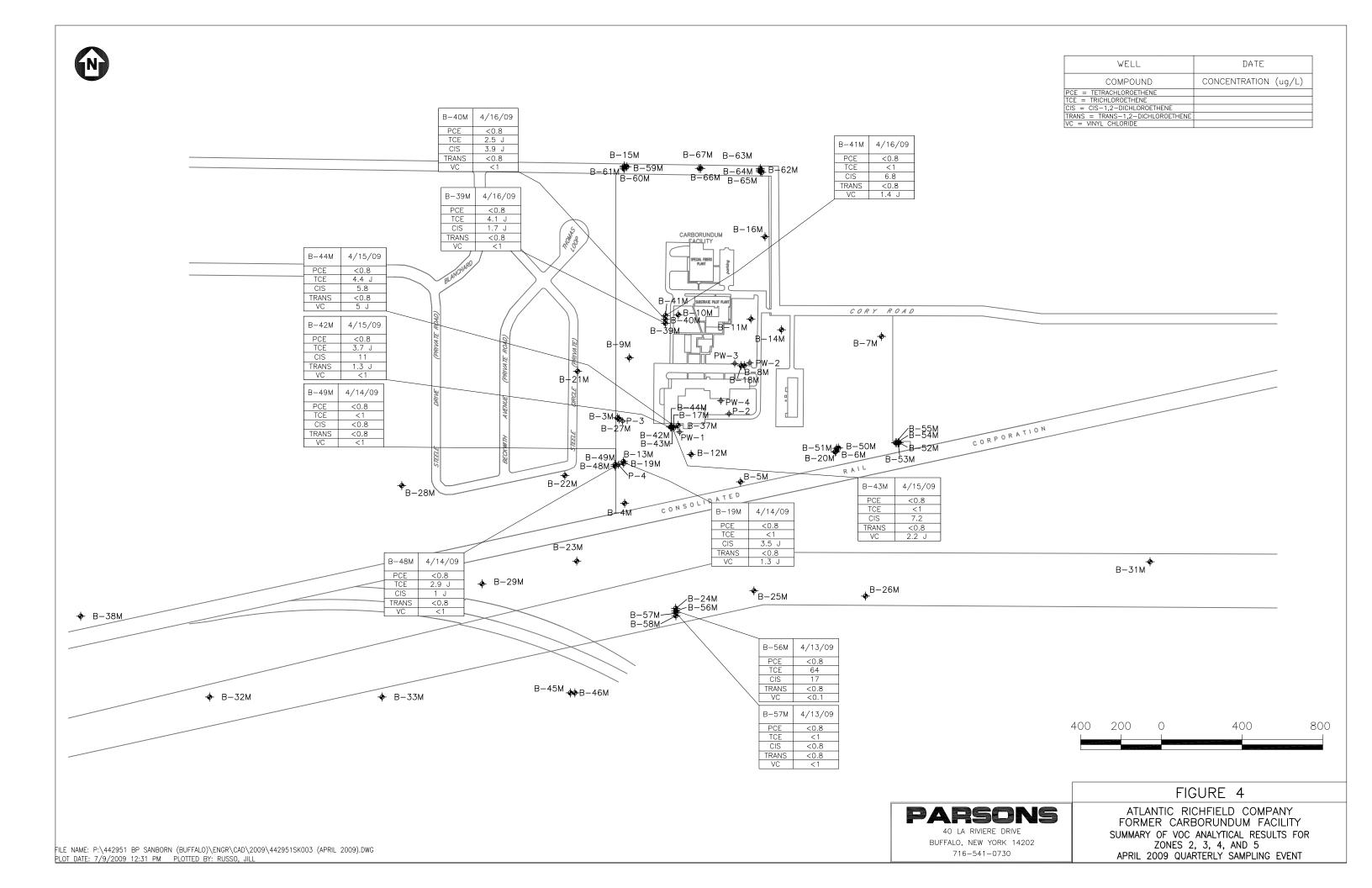
PARSONS

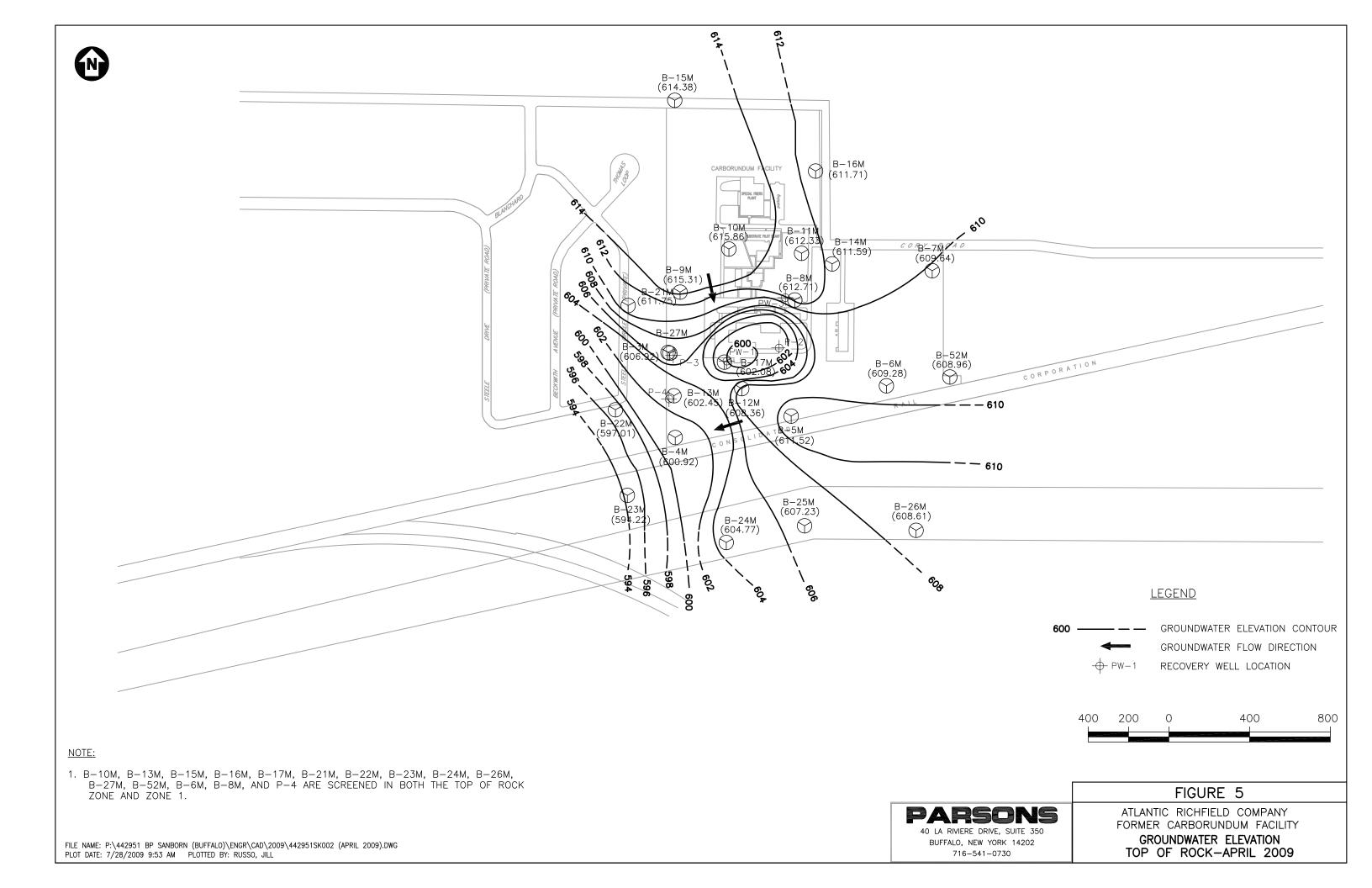
FIGURES

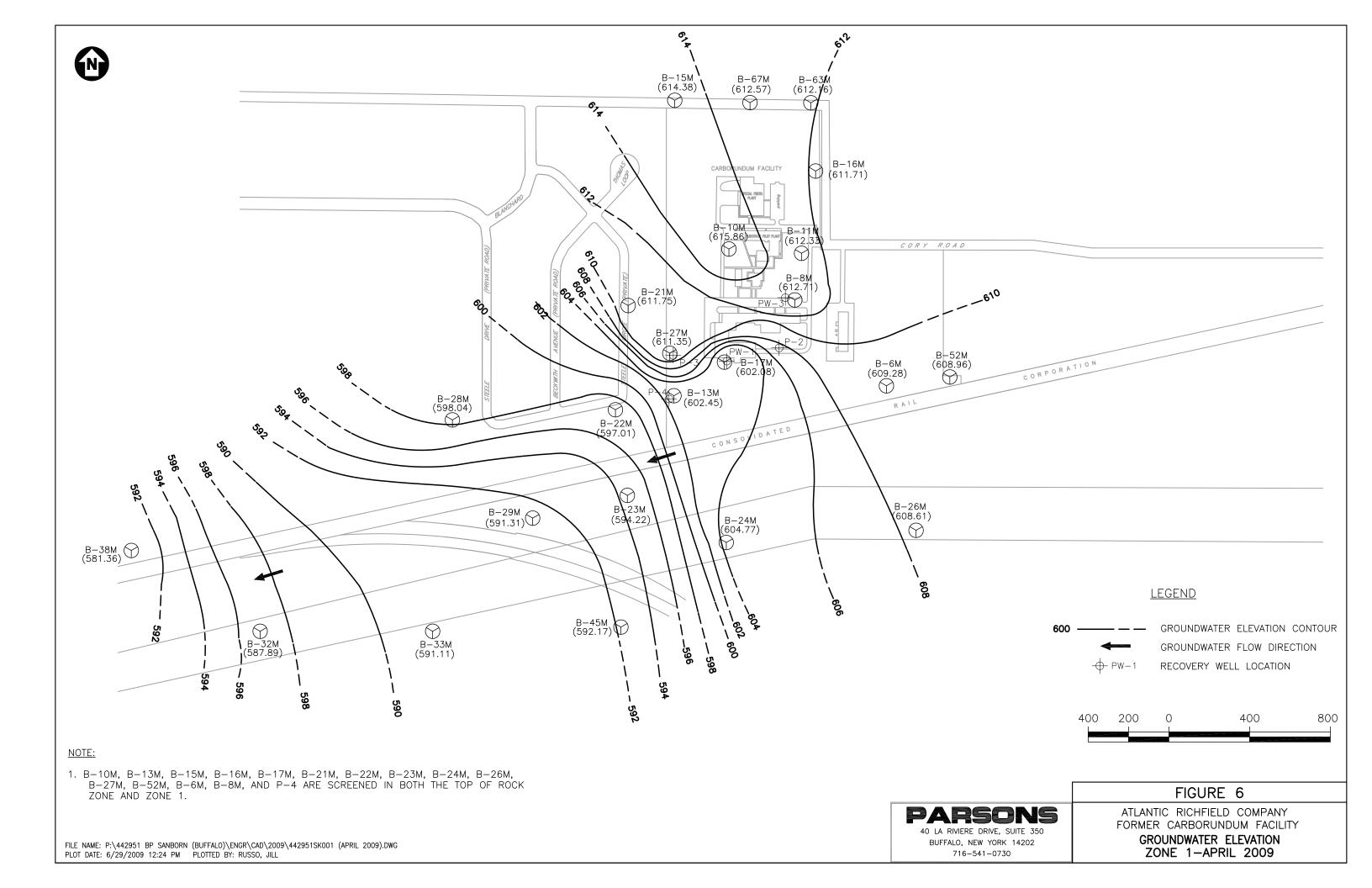












TABLES

TABLE 1 APRIL 2009 GROUNDWATER ELEVATION DATA THE FORMER CARBORUNDUM COMPANY SANBORN, NEW YORK

| P-2 | Monitoring | Date | Top of Riser | Water Level | Groundwater | Remarks |
|--|------------|----------|----------------|-------------|----------------|---------|
| P-3 | Well I.D. | | Elevation (ft) | (ft) | Elevation (ft) | |
| P*-1 0402/09 624.45 25.20 599.25 P* | | 1 | | | | |
| PW-1 (940209 619.78 26.80 592.98 PW-3 (940209 618.28 12.70 605.58 B-3M 640209 625.59 18.67 605.92 B-3M 640209 625.59 18.67 605.92 B-3M 640209 625.59 18.67 605.92 B-3M 640209 625.59 625.24 21.32 60502 B-3M 640209 615.50 641 605.88 605.44 B-3M 640209 615.50 641 605.88 605.44 B-3M 640209 615.50 641 605.88 605.44 B-3M 640209 615.57 5.86 605.41 61.27 B-3M 640209 618.57 5.86 605.41 61.27 615.51 B-3M 640209 625.03 7.72 615.51 B-3M 640209 625.03 7.72 615.51 B-3M 640209 625.03 1.72 615.51 B-3M 640209 625.03 1.72 615.31 B-3M 640209 622.81 10.48 612.33 B-3M 640209 622.81 10.48 612.33 B-3M 640209 622.81 10.48 612.33 B-3M 640209 625.03 6 | | | | | | |
| PW-3 | | | | | | |
| B-3M 040200 625.59 18.67 660.02 B-3M 040209 620.83 9.31 611.52 B-6M 040209 620.83 9.31 611.52 B-6M 040209 615.50 6.41 660.28 B-7M 040200 615.50 6.41 660.28 B-7M 040200 615.57 5.86 602.71 B-8M 040200 615.57 5.86 612.71 B-1M 040200 620.03 7.72 615.31 B-10M 040200 620.03 7.72 615.31 B-10M 040200 620.03 7.72 615.31 B-11M 040200 622.81 10.48 612.33 B-12M 040200 622.81 10.48 612.33 B-12M 040200 622.71 13.81 608.36 B-13M 040200 626.05 B-14M 040200 615.55 6.66 611.99 B-15M 040200 618.55 6.66 611.99 B-15M 040200 618.55 6.66 611.99 B-15M 040200 622.03 14.37 611.71 B-17M 040200 618.60 8.46 610.23 B-18M 040200 618.60 8.46 610.23 B-28M 040200 615.32 7.00 608.32 B-28M 040200 617.74 23.49 594.22 B-28M 040200 617.74 23.49 594.22 B-28M 040200 618.61 11.75 B-28M 040200 618.61 11.75 B-28M 040200 618.63 12.20 50.33 B-28M 040200 618.31 12.08 607.23 B-28M 040200 618.31 12.08 607.33 B-28M 040200 618.31 12.09 50.33 B-28M 040200 618.31 12.09 50.33 B-38M 040200 618.31 12.09 50.33 B-38M 040200 618.31 12.09 60.33 B-38M 040200 618.31 12.09 60.33 B-38M 040200 618.34 13.09 60.33 B-38M 040200 618.34 13.09 60.33 B-38M 040200 618.36 13.09 60.33 B-38M 040200 618.34 13.09 60.33 B-38M 040200 618.34 13.09 60.33 B-38M 040200 618.34 13.09 60.33 B-38M 040200 | | | | | | |
| B-5M | | 04/02/09 | | | | |
| B-6M 040209 615.69 6.41 669.28 6.90.64 | | 04/02/09 | | 21.32 | 600.92 | |
| B-7M 040209 616-22 6.58 690-64 B-8M 040209 618.57 5.86 612.71 B-9M 040209 623.03 7.72 615.51 B-10M 040209 623.03 7.72 615.51 B-10M 040209 626.05 10.19 615.86 B-11M 040209 622.81 10.48 612.33 B-12M 040209 622.17 13.81 608.36 B-13M 040209 622.17 13.81 608.36 B-13M 040209 622.17 13.81 608.36 B-14M 040209 626.07 24.25 600.45 B-14M 040209 628.39 9.90 614.38 B-15M 040209 623.98 9.90 614.38 B-16M 040209 622.07 19.99 602.08 B-16M 040209 622.07 19.99 602.08 B-19M 040209 622.07 19.99 602.08 B-19M 040209 626.01 18.62 607.39 B-20M 040209 625.61 18.62 607.39 B-21M 040209 622.55 10.81 611.75 B-22M 040209 622.29 25.28 597.01 B-22M 040209 617.71 23.39 594.22 B-24M 040209 617.71 23.39 594.22 B-24M 040209 617.71 23.39 608.61 B-25M 040209 619.31 12.08 607.23 B-26M 040209 616.04 14.69 611.35 B-27M 040209 619.31 12.08 607.23 B-28M 040209 616.04 14.69 611.35 B-28M 040209 626.04 14.69 611.35 B-28M 040209 626.05 14.49 611.35 B-28M 040209 626.05 14.69 611.35 B-28M 040209 626.05 14.99 616.05 608.61 B-28M 040209 626.05 14.99 616.05 608.61 B-28M 040209 626.05 14.99 616.05 608.61 B-28M 040209 626.05 14.99 616.06 609.81 B-28M 040209 626.05 14.89 611.79 B-28M 040209 626.05 14.99 616.06 609.81 B-38M 040209 626.05 14.99 616.06 609.81 B-38M 040209 626.05 14.99 616.06 609.81 B-38M 040209 626.05 14.15 600.06 609.81 B-38M 040209 626.05 14.15 600.06 609.81 B-38M 040209 626.05 14.15 600.06 609.81 B-38M | B-5M | 04/02/09 | 620.83 | 9.31 | 611.52 | |
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| B-17M 040209 622.07 19.99 602.08 B-18M 040209 622.01 18.62 607.39 B-19M 040209 626.01 18.62 607.39 B-20M 040209 622.56 10.81 611.75 B-21M 040209 622.25 25.28 597.01 B-21M 040209 622.29 25.28 597.01 B-23M 040209 617.71 23.49 594.22 B-23M 040209 617.71 23.49 594.22 B-23M 040209 619.31 12.08 607.23 B-25M 040209 619.31 12.08 607.23 B-26M 040209 619.31 12.08 607.23 B-26M 040209 618.36 9.45 608.61 B-27M 040209 618.36 9.45 608.61 B-28M 040209 618.37 7.25 606.53 B-31M 040209 618.31 27.00 591.31 B-31M 040209 618.31 52.00 591.31 B-31M 040209 618.31 52.00 591.31 B-31M 040209 618.31 62.00 591.31 B-31M 040209 618.31 62.00 591.31 B-31M 040209 618.31 62.00 591.31 B-31M 040209 619.35 31.46 587.89 B-32M 040209 619.35 31.46 587.89 B-33M 040209 616.90 19.37 597.53 B-38M 040209 616.90 19.37 597.53 B-38M 040209 626.23 14.98 611.25 B-34M 040209 626.23 14.98 611.25 B-34M 040209 623.36 12.26 611.50 B-44M 040209 623.36 12.26 611.50 B-45M 040209 612.12 19.95 592.17 B-46M 040209 612.12 19.95 592.17 B-46M 040209 616.47 7.46 609.01 B-49M 040209 616.48 3.82 612.66 B-59M 040209 616.64 7.74 660.90 B-59M 040209 616.64 7.74 660.90 B-59M 040209 616.64 7.74 660.90 B-59M 040209 616.55 23.07 592.52 B-59M 040209 616.58 3.82 592.77 B-59M 040209 616.58 3.82 592.77 B-59M 040209 616.59 592.77 B-59M 040209 616.50 592.77 B-59M 040209 615.59 592.77 B-59M 040209 615.59 592.77 B-59M 040209 615.59 592.77 B-59M 040209 615.50 592.52 594.62 509.91 B-59M 040209 615.50 592.77 B-59M 040209 625.53 24.62 600.91 | B-15M | 04/02/09 | 623.98 | 9.60 | 614.38 | |
| B-18M | | | | | | |
| B-19M 040209 626.01 18.62 607.39 B-20M 040209 615.32 7.00 608.32 B-21M 040209 622.56 10.81 611.75 B-22M 040209 622.29 25.28 597.01 B-23M 040209 617.71 23.49 594.22 B-24M 040209 618.06 9.45 604.77 B-25M 040209 618.06 9.45 608.61 B-26M 040209 618.06 9.45 608.61 B-27M 040209 626.04 14.69 611.35 B-28M 040209 618.31 27.00 591.31 B-31M 040209 618.31 27.00 591.31 B-33M 040209 618.31 27.00 591.31 B-33M 040209 619.35 31.46 587.89 B-33M 040209 619.33 21.32 591.11 B-38M 040209 609.81 28.45 581.36 | | | | | | |
| B-20M 04/02/09 615.32 7.00 608.32 B-21M 04/02/09 622.56 10.81 611.75 B-22M 04/02/09 622.29 25.28 597.01 B-23M 04/02/09 617.71 23.49 594.22 B-24M 04/02/09 619.31 12.08 607.23 B-25M 04/02/09 618.06 9.45 608.61 B-27M 04/02/09 618.06 9.45 608.61 B-28M 04/02/09 618.31 27.00 591.31 B-32M 04/02/09 618.31 27.00 591.31 B-31M 04/02/09 618.38 7.25 606.53 B-32M 04/02/09 619.35 31.46 587.89 B-33M 04/02/09 616.33 21.32 591.11 B-37M 04/02/09 616.33 21.32 591.11 B-38M 04/02/09 626.12 14.39 611.73 B-41M 04/02/09 626.12 14.39 <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> | | | | | | |
| B-21M 04/02/09 622.56 10.81 611.75 B-22M 04/02/09 622.29 25.28 597.01 B-23M 04/02/09 617.71 23.49 594.22 B-24M 04/02/09 617.24 12.47 604.77 B-25M 04/02/09 618.06 9.45 608.61 B-27M 04/02/09 626.04 14.69 611.35 B-28M 04/02/09 622.62 24.58 598.04 B-29M 04/02/09 618.31 27.00 591.31 B-31M 04/02/09 618.31 27.00 591.31 B-33M 04/02/09 618.31 27.00 591.31 B-33M 04/02/09 619.35 31.46 587.89 B-33M 04/02/09 612.43 21.32 591.11 B-37M 04/02/09 609.81 28.45 581.36 B-39M 04/02/09 626.12 14.39 611.73 B-44M 04/02/09 626.33 16.68 | | | | | | |
| B-22M 04/02/09 622.29 25.28 597.01 B-23M 04/02/09 617.71 23.49 594.22 B-24M 04/02/09 617.24 12.47 604.77 B-25M 04/02/09 619.31 12.08 607.23 B-26M 04/02/09 618.06 9.45 608.61 B-27M 04/02/09 622.62 24.58 598.04 B-28M 04/02/09 618.31 27.00 591.31 B-31M 04/02/09 618.31 27.00 591.31 B-31M 04/02/09 618.35 31.46 587.89 B-33M 04/02/09 619.35 31.46 587.89 B-37M 04/02/09 616.90 19.37 597.53 B-38M 04/02/09 60.81 28.45 581.36 B-39M 04/02/09 626.23 14.98 611.25 B-41M 04/02/09 626.23 14.98 611.25 B-43M 04/02/09 623.64 13.98< | | | | | | |
| B-23M 04/02/09 617.71 23.49 594.22 B-24M 04/02/09 617.24 12.47 604.77 B-25M 04/02/09 619.31 12.08 607.23 B-26M 04/02/09 618.06 9.45 608.61 B-27M 04/02/09 626.04 14.69 611.35 B-28M 04/02/09 622.62 24.58 598.04 B-29M 04/02/09 618.31 27.00 591.31 B-31M 04/02/09 618.37 7.25 606.53 B-33M 04/02/09 619.35 31.46 587.89 B-33M 04/02/09 616.93 31.46 587.89 B-37M 04/02/09 616.90 19.37 597.53 B-38M 04/02/09 608.81 28.45 581.36 B-39M 04/02/09 626.12 14.39 611.73 B-44M 04/02/09 626.23 14.98 611.25 B-42M 04/02/09 623.76 12.26< | | | | | | |
| B-24M | | | | | | |
| B-26M 04/02/09 618.06 9.45 608.61 B-27M 04/02/09 626.04 14.69 611.35 B-28M 04/02/09 622.62 24.58 598.04 B-29M 04/02/09 618.31 27.00 591.31 B-31M 04/02/09 613.78 7.25 606.53 B-32M 04/02/09 619.35 31.46 587.89 B-33M 04/02/09 612.43 21.32 591.11 B-37M 04/02/09 616.90 19.37 597.53 B-38M 04/02/09 609.81 28.45 581.36 B-39M 04/02/09 626.12 14.39 611.73 B-40M 04/02/09 626.23 14.98 611.25 B-41M 04/02/09 623.76 12.26 611.50 B-43M 04/02/09 623.76 12.26 611.50 B-44M 04/02/09 623.29 16.06 607.23 B-45M 04/02/09 625.40 14.21< | | 1 | | | | |
| B-27M 04/02/09 626,04 14.69 611.35 B-28M 04/02/09 622,62 24.58 598,04 B-29M 04/02/09 618.31 27,00 591.31 B-31M 04/02/09 618.378 7.25 606.53 B-32M 04/02/09 619.35 31.46 587.89 B-33M 04/02/09 616.90 19.37 597.53 B-38M 04/02/09 616.90 19.37 597.53 B-38M 04/02/09 626.12 14.39 611.73 B-49M 04/02/09 626.23 14.98 611.25 B-41M 04/02/09 626.31 16.68 609.63 B-42M 04/02/09 623.76 12.26 611.50 B-43M 04/02/09 623.29 16.06 607.23 B-44M 04/02/09 623.29 16.06 607.23 B-45M 04/02/09 612.12 19.95 592.17 B-46M 04/02/09 612.34 21.8 | B-25M | 04/02/09 | 619.31 | 12.08 | 607.23 | |
| B-28M 04/02/09 622.62 24.58 598.04 B-29M 04/02/09 618.31 27.00 591.31 B-31M 04/02/09 613.78 7.25 606.53 B-32M 04/02/09 619.35 31.46 587.89 B-33M 04/02/09 612.43 21.32 591.11 B-37M 04/02/09 616.90 19.37 597.53 B-38M 04/02/09 609.81 28.45 581.36 B-39M 04/02/09 626.12 14.39 611.73 B-40M 04/02/09 626.23 14.98 611.25 B-41M 04/02/09 626.31 16.68 609.63 B-42M 04/02/09 623.76 12.26 611.50 B-43M 04/02/09 623.64 13.98 609.66 B-44M 04/02/09 623.29 16.06 607.23 B-45M 04/02/09 613.46 21.83 591.63 B-48M 04/02/09 615.46 21.83 | | | | | | |
| B-29M 04/02/09 618.31 27.00 591.31 B-31M 04/02/09 613.78 7.25 606.53 B-32M 04/02/09 619.35 31.46 587.89 B-33M 04/02/09 612.43 21.32 591.11 B-37M 04/02/09 616.90 19.37 597.53 B-38M 04/02/09 609.81 28.45 581.36 B-39M 04/02/09 626.12 14.39 611.73 B-40M 04/02/09 626.31 16.68 609.63 B-41M 04/02/09 623.76 12.26 611.50 B-43M 04/02/09 623.64 13.98 609.66 B-44M 04/02/09 623.64 13.98 609.66 B-44M 04/02/09 613.46 21.83 591.63 B-45M 04/02/09 613.46 21.83 591.63 B-48M 04/02/09 625.56 24.11 601.45 B-50M 04/02/09 616.47 7.46< | | | | | | |
| B-31M 04/02/09 613.78 7.25 606.53 B-32M 04/02/09 619.35 31.46 587.89 B-33M 04/02/09 612.43 21.32 591.11 B-37M 04/02/09 616.90 19.37 597.53 B-38M 04/02/09 609.81 28.45 581.36 B-39M 04/02/09 626.12 14.39 611.73 B-40M 04/02/09 626.23 14.98 611.25 B-41M 04/02/09 626.31 16.68 609.63 B-42M 04/02/09 623.76 12.26 611.50 B-43M 04/02/09 623.76 12.26 611.50 B-44M 04/02/09 623.64 13.98 609.66 B-43M 04/02/09 623.64 13.98 609.66 B-44M 04/02/09 632.39 16.06 607.23 B-45M 04/02/09 612.12 19.95 592.17 B-46M 04/02/09 613.46 21.83 591.63 B-48M 04/02/09 625.40 14.21 611.19 B-49M 04/02/09 625.56 24.11 601.45 B-50M 04/02/09 616.47 7.46 609.01 B-51M 04/02/09 616.48 3.82 612.66 B-52M 04/02/09 616.64 7.30 608.96 B-55M 04/02/09 616.64 7.19 608.95 B-55M 04/02/09 616.66 7.30 608.96 B-55M 04/02/09 615.59 23.07 592.52 B-56M 04/02/09 615.78 23.16 594.62 B-57M 04/02/09 617.78 23.16 594.62 B-58M 04/02/09 617.78 25.67 14.15 611.52 B-60M 04/02/09 625.57 13.64 612.08 B-60M 04/02/09 625.57 13.64 612.08 B-60M 04/02/09 625.72 13.64 612.08 B-60M 04/02/09 625.72 13.64 612.08 B-62M 04/02/09 625.72 13.64 612.08 B-62M 04/02/09 625.72 13.64 612.08 B-62M 04/02/09 623.89 3.1 620.79 | | 1 | | | | |
| B-32M 04/02/09 619.35 31.46 587.89 B-33M 04/02/09 612.43 21.32 591.11 B-37M 04/02/09 616.90 19.37 597.53 B-38M 04/02/09 609.81 28.45 581.36 B-39M 04/02/09 626.12 14.39 611.73 B-40M 04/02/09 626.23 14.98 611.25 B-41M 04/02/09 626.31 16.68 609.63 B-42M 04/02/09 623.76 12.26 611.50 B-43M 04/02/09 623.64 13.98 609.66 B-44M 04/02/09 623.29 16.06 607.23 B-45M 04/02/09 613.46 21.83 591.63 B-48M 04/02/09 625.40 14.21 611.19 B-48M 04/02/09 625.40 14.21 611.19 B-49M 04/02/09 625.56 24.11 601.45 B-50M 04/02/09 616.48 3.82 | | | | | | |
| B-33M 04/02/09 612.43 21.32 591.11 B-37M 04/02/09 616.90 19.37 597.53 B-38M 04/02/09 609.81 28.45 581.36 B-39M 04/02/09 626.12 14.39 611.73 B-40M 04/02/09 626.23 14.98 611.25 B-41M 04/02/09 623.76 12.26 611.50 B-42M 04/02/09 623.76 12.26 611.50 B-43M 04/02/09 623.64 13.98 609.66 B-44M 04/02/09 623.29 16.06 607.23 B-45M 04/02/09 612.12 19.95 592.17 B-46M 04/02/09 613.46 21.83 591.63 B-48M 04/02/09 625.40 14.21 611.19 B-49M 04/02/09 625.56 24.11 601.45 B-51M 04/02/09 616.47 7.46 609.01 B-51M 04/02/09 616.26 7.30< | | | | | | |
| B-37M 04/02/09 616.90 19.37 597.53 B-38M 04/02/09 609.81 28.45 581.36 B-39M 04/02/09 626.12 14.39 611.73 B-40M 04/02/09 626.23 14.98 611.25 B-41M 04/02/09 626.31 16.68 609.63 B-42M 04/02/09 623.76 12.26 611.50 B-43M 04/02/09 623.64 13.98 609.66 B-44M 04/02/09 623.29 16.06 607.23 B-45M 04/02/09 623.29 16.06 607.23 B-45M 04/02/09 613.46 21.83 591.63 B-48M 04/02/09 625.40 14.21 611.19 B-49M 04/02/09 625.40 14.21 601.45 B-50M 04/02/09 616.47 7.46 609.01 B-51M 04/02/09 616.47 7.36 608.96 B-53M 04/02/09 616.26 7.30 </td <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> | | | | | | |
| B-39M 04/02/09 626.12 14.39 611.73 B-40M 04/02/09 626.23 14.98 611.25 B-41M 04/02/09 626.31 16.68 609.63 B-42M 04/02/09 623.76 12.26 611.50 B-43M 04/02/09 623.64 13.98 609.66 B-44M 04/02/09 623.29 16.06 607.23 B-45M 04/02/09 612.12 19.95 592.17 B-46M 04/02/09 613.46 21.83 591.63 B-48M 04/02/09 625.40 14.21 611.19 B-49M 04/02/09 625.56 24.11 601.45 B-50M 04/02/09 616.47 7.46 609.01 B-51M 04/02/09 616.26 7.30 608.96 B-52M 04/02/09 616.26 7.30 608.96 B-53M 04/02/09 616.00 6.91 609.09 B-55M 04/02/09 615.59 23.07 <td></td> <td>04/02/09</td> <td></td> <td></td> <td></td> <td></td> | | 04/02/09 | | | | |
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| B-41M 04/02/09 626.31 16.68 609.63 B-42M 04/02/09 623.76 12.26 611.50 B-43M 04/02/09 623.64 13.98 609.66 B-44M 04/02/09 623.29 16.06 607.23 B-45M 04/02/09 612.12 19.95 592.17 B-46M 04/02/09 613.46 21.83 591.63 B-48M 04/02/09 625.40 14.21 611.19 B-49M 04/02/09 625.56 24.11 601.45 B-50M 04/02/09 616.47 7.46 609.01 B-51M 04/02/09 616.48 3.82 612.66 B-52M 04/02/09 616.26 7.30 608.96 B-53M 04/02/09 616.14 7.19 608.95 B-54M 04/02/09 616.00 6.91 609.09 B-55M 04/02/09 615.59 23.07 592.52 B-56M 04/02/09 617.78 23.16 <td></td> <td></td> <td>626.12</td> <td>14.39</td> <td></td> <td></td> | | | 626.12 | 14.39 | | |
| B-42M 04/02/09 623.76 12.26 611.50 B-43M 04/02/09 623.64 13.98 609.66 B-44M 04/02/09 623.29 16.06 607.23 B-45M 04/02/09 612.12 19.95 592.17 B-46M 04/02/09 613.46 21.83 591.63 B-48M 04/02/09 625.40 14.21 611.19 B-49M 04/02/09 625.56 24.11 601.45 B-50M 04/02/09 616.47 7.46 609.01 B-51M 04/02/09 616.48 3.82 612.66 B-53M 04/02/09 616.26 7.30 608.96 B-53M 04/02/09 616.00 6.91 609.09 B-55M 04/02/09 615.59 23.07 592.52 B-56M 04/02/09 617.78 23.16 594.62 B-57M 04/02/09 617.80 25.03 592.77 B-58M 04/02/09 625.53 24.62 <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> | | | | | | |
| B-43M 04/02/09 623.64 13.98 609.66 B-44M 04/02/09 623.29 16.06 607.23 B-45M 04/02/09 612.12 19.95 592.17 B-46M 04/02/09 613.46 21.83 591.63 B-48M 04/02/09 625.40 14.21 611.19 B-49M 04/02/09 625.56 24.11 601.45 B-50M 04/02/09 616.47 7.46 609.01 B-51M 04/02/09 616.48 3.82 612.66 B-52M 04/02/09 616.26 7.30 608.96 B-53M 04/02/09 616.04 7.19 608.95 B-54M 04/02/09 616.00 6.91 609.09 B-55M 04/02/09 615.59 23.07 592.52 B-55M 04/02/09 617.78 23.16 594.62 B-57M 04/02/09 617.80 25.03 592.77 B-58M 04/02/09 625.53 24.62 <td></td> <td>+</td> <td></td> <td></td> <td></td> <td></td> | | + | | | | |
| B-44M 04/02/09 623.29 16.06 607.23 B-45M 04/02/09 612.12 19.95 592.17 B-46M 04/02/09 613.46 21.83 591.63 B-48M 04/02/09 625.40 14.21 611.19 B-49M 04/02/09 625.56 24.11 601.45 B-50M 04/02/09 616.47 7.46 609.01 B-51M 04/02/09 616.48 3.82 612.66 B-52M 04/02/09 616.26 7.30 608.96 B-53M 04/02/09 616.00 6.91 609.09 B-55M 04/02/09 615.59 23.07 592.52 B-56M 04/02/09 617.78 23.16 594.62 B-57M 04/02/09 617.80 25.03 592.77 B-58M 04/02/09 617.99 21.03 596.96 B-59M 04/02/09 625.53 24.62 600.91 B-60M 04/02/09 625.67 14.15 <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> | | | | | | |
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| B-46M 04/02/09 613.46 21.83 591.63 B-48M 04/02/09 625.40 14.21 611.19 B-49M 04/02/09 625.56 24.11 601.45 B-50M 04/02/09 616.47 7.46 609.01 B-51M 04/02/09 616.48 3.82 612.66 B-52M 04/02/09 616.26 7.30 608.96 B-53M 04/02/09 616.14 7.19 608.95 B-54M 04/02/09 616.00 6.91 609.09 B-55M 04/02/09 615.59 23.07 592.52 B-56M 04/02/09 617.78 23.16 594.62 B-57M 04/02/09 617.80 25.03 592.77 B-58M 04/02/09 625.53 24.62 600.91 B-59M 04/02/09 625.53 24.62 600.91 B-60M 04/02/09 625.72 13.64 612.08 B-62M 04/02/09 623.89 3.1 | | | | | | |
| B-49M 04/02/09 625.56 24.11 601.45 B-50M 04/02/09 616.47 7.46 609.01 B-51M 04/02/09 616.48 3.82 612.66 B-52M 04/02/09 616.26 7.30 608.96 B-53M 04/02/09 616.14 7.19 608.95 B-54M 04/02/09 616.00 6.91 609.09 B-55M 04/02/09 615.59 23.07 592.52 B-56M 04/02/09 617.78 23.16 594.62 B-57M 04/02/09 617.80 25.03 592.77 B-58M 04/02/09 617.99 21.03 596.96 B-59M 04/02/09 625.53 24.62 600.91 B-60M 04/02/09 625.67 14.15 611.52 B-61M 04/02/09 625.72 13.64 612.08 B-62M 04/02/09 623.89 3.1 620.79 | | | | | | |
| B-50M 04/02/09 616.47 7.46 609.01 B-51M 04/02/09 616.48 3.82 612.66 B-52M 04/02/09 616.26 7.30 608.96 B-53M 04/02/09 616.14 7.19 608.95 B-54M 04/02/09 616.00 6.91 609.09 B-55M 04/02/09 615.59 23.07 592.52 B-56M 04/02/09 617.78 23.16 594.62 B-57M 04/02/09 617.80 25.03 592.77 B-58M 04/02/09 617.99 21.03 596.96 B-59M 04/02/09 625.53 24.62 600.91 B-60M 04/02/09 625.67 14.15 611.52 B-61M 04/02/09 625.72 13.64 612.08 B-62M 04/02/09 623.89 3.1 620.79 | B-48M | 04/02/09 | 625.40 | 14.21 | 611.19 | |
| B-51M 04/02/09 616.48 3.82 612.66 B-52M 04/02/09 616.26 7.30 608.96 B-53M 04/02/09 616.14 7.19 608.95 B-54M 04/02/09 616.00 6.91 609.09 B-55M 04/02/09 615.59 23.07 592.52 B-56M 04/02/09 617.78 23.16 594.62 B-57M 04/02/09 617.80 25.03 592.77 B-58M 04/02/09 617.99 21.03 596.96 B-59M 04/02/09 625.53 24.62 600.91 B-60M 04/02/09 625.67 14.15 611.52 B-61M 04/02/09 625.72 13.64 612.08 B-62M 04/02/09 623.89 3.1 620.79 | | | | | | |
| B-52M 04/02/09 616.26 7.30 608.96 B-53M 04/02/09 616.14 7.19 608.95 B-54M 04/02/09 616.00 6.91 609.09 B-55M 04/02/09 615.59 23.07 592.52 B-56M 04/02/09 617.78 23.16 594.62 B-57M 04/02/09 617.80 25.03 592.77 B-58M 04/02/09 617.99 21.03 596.96 B-59M 04/02/09 625.53 24.62 600.91 B-60M 04/02/09 625.67 14.15 611.52 B-61M 04/02/09 625.72 13.64 612.08 B-62M 04/02/09 623.89 3.1 620.79 | | | | | | |
| B-53M 04/02/09 616.14 7.19 608.95 B-54M 04/02/09 616.00 6.91 609.09 B-55M 04/02/09 615.59 23.07 592.52 B-56M 04/02/09 617.78 23.16 594.62 B-57M 04/02/09 617.80 25.03 592.77 B-58M 04/02/09 617.99 21.03 596.96 B-59M 04/02/09 625.53 24.62 600.91 B-60M 04/02/09 625.67 14.15 611.52 B-61M 04/02/09 625.72 13.64 612.08 B-62M 04/02/09 623.89 3.1 620.79 | | | | | | |
| B-54M 04/02/09 616.00 6.91 609.09 B-55M 04/02/09 615.59 23.07 592.52 B-56M 04/02/09 617.78 23.16 594.62 B-57M 04/02/09 617.80 25.03 592.77 B-58M 04/02/09 617.99 21.03 596.96 B-59M 04/02/09 625.53 24.62 600.91 B-60M 04/02/09 625.67 14.15 611.52 B-61M 04/02/09 625.72 13.64 612.08 B-62M 04/02/09 623.89 3.1 620.79 | | 1 | | | | |
| B-55M 04/02/09 615.59 23.07 592.52 B-56M 04/02/09 617.78 23.16 594.62 B-57M 04/02/09 617.80 25.03 592.77 B-58M 04/02/09 617.99 21.03 596.96 B-59M 04/02/09 625.53 24.62 600.91 B-60M 04/02/09 625.67 14.15 611.52 B-61M 04/02/09 625.72 13.64 612.08 B-62M 04/02/09 623.89 3.1 620.79 | | | | | | |
| B-56M 04/02/09 617.78 23.16 594.62 B-57M 04/02/09 617.80 25.03 592.77 B-58M 04/02/09 617.99 21.03 596.96 B-59M 04/02/09 625.53 24.62 600.91 B-60M 04/02/09 625.67 14.15 611.52 B-61M 04/02/09 625.72 13.64 612.08 B-62M 04/02/09 623.89 3.1 620.79 | | | | | | |
| B-57M 04/02/09 617.80 25.03 592.77 B-58M 04/02/09 617.99 21.03 596.96 B-59M 04/02/09 625.53 24.62 600.91 B-60M 04/02/09 625.67 14.15 611.52 B-61M 04/02/09 625.72 13.64 612.08 B-62M 04/02/09 623.89 3.1 620.79 | | | | | | |
| B-59M 04/02/09 625.53 24.62 600.91 B-60M 04/02/09 625.67 14.15 611.52 B-61M 04/02/09 625.72 13.64 612.08 B-62M 04/02/09 623.89 3.1 620.79 | B-57M | 04/02/09 | 617.80 | 25.03 | 592.77 | |
| B-60M 04/02/09 625.67 14.15 611.52 B-61M 04/02/09 625.72 13.64 612.08 B-62M 04/02/09 623.89 3.1 620.79 | | | | | | |
| B-61M 04/02/09 625.72 13.64 612.08 B-62M 04/02/09 623.89 3.1 620.79 | | | | | | |
| B-62M 04/02/09 623.89 3.1 620.79 | | | | | | |
| | | | | | | |
| U12.1U V7/U2/U2 U27.17 11.20 U12.1U | | + | | | | |
| B-64M 04/02/09 623.95 12.17 611.78 | | | | | | |
| B-65M 04/02/09 624.19 13.11 611.08 | | | | | | |
| B-66M 04/02/09 625.37 13.5 611.87 | | 1 | | | | |
| B-67M 04/02/09 625.51 12.94 612.57 | B-67M | 04/02/09 | | 12.94 | 612.57 | |

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

| Monitoring Well I.D. | 2 | | Top of Riser Elevation | | Initial Groundwater | | | One Well | Total Volume Purged | Purging | |
|----------------------------|---------|-------|---------------------------|------------|------------------------|-------|-------|--------------|---------------------------|---------|------------------------------|
| | Date | Time | (ft) | Level (ft) | Elevation (ft) | (ft) | (ft) | Volume (gal) | (gal) | Codes | Remarks |
| P-2 | 4/16/09 | 13:10 | 619.67 | | | | | | | 1 | Pumping well |
| P-3 | 4/15/09 | 13:25 | 627.35 | | | | | | | 1 | Pumping well |
| P-4 | 4/14/09 | 15:25 | 624.45 | | | | | | | 1 | Pumping well |
| PW-1 | 4/15/09 | 10:30 | 619.78 | | | | | | | 1 | Pumping well |
| PW-3 | 4/13/09 | 14:45 | 618.28 | | | | | | | 1 | Pumping well |
| PW-4 | 4/16/09 | 13:00 | 618.28 | | | | | | | 1 | Pumping well |
| B-6M | 4/16/09 | 13:30 | 615.69 | 5.95 | 609.74 | 19.10 | 13.15 | 2.24 | 9 | 4 | |
| B-8M | 4/13/09 | 12:20 | 618.57 | 3.77 | 614.80 | 17.80 | 14.03 | 2.39 | 5 | 6 | |
| B-9M | 4/16/09 | 14:15 | | 7.32 | 615.71 | 21.14 | 13.82 | 2.35 | 9.35 | 4 | |
| B-10M | 4/20/09 | 13:50 | | 8.83 | 613.73 | 27.90 | 19.07 | 3.24 | 1.75 | 6 | |
| B-13M | 4/14/09 | 14:00 | 617.20 | 22.65 | 594.55 | 36.00 | 13.35 | 2.27 | 4.5 | 6 | |
| B-17M | 4/15/09 | 8:30 | 622.07 | 19.26 | 602.81 | 26.00 | 6.74 | 1.15 | 3 | 6 | |
| B-19M | 4/14/09 | 12:15 | 626.01 | 16.35 | 609.66 | 66.10 | 49.75 | 8.46 | 2.2 | 6 | |
| B-21M | 4/20/09 | 9:45 | 622.56 | 9.72 | 612.84 | 26.60 | 16.88 | 2.87 | 12 | 4 | |
| B-22M | 4/20/09 | 10:35 | 617.71 | 24.35 | 593.36 | 35.90 | 11.55 | 4.14 | 1.5 | 6 | |
| B-23M | 4/13/09 | 8:30 | 617.71 | 21.88 | 595.83 | 31.67 | 9.79 | 1.66 | NR | 6 | |
| B-24M | 4/13/09 | 11:45 | 617.20 | 10.05 | 607.15 | 26.61 | 16.56 | 2.80 | 12 | 5 | |
| B-28M | 4/20/09 | 9:00 | 622.62 | 24.94 | 597.68 | 34.50 | 9.56 | 1.63 | 7 | 4 | |
| B-38M | 4/20/09 | 12:00 | 609.81 | 27.98 | 581.83 | 41.20 | 13.22 | 2.25 | 9 | 4 | |
| B-39M | 4/16/09 | 11:40 | 626.12 | 12.15 | 613.97 | 43.95 | 31.80 | 5.40 | 2 | 6 | |
| B-40M | 4/16/09 | 10:20 | 626.23 | 13.01 | 613.22 | 57.91 | 44.90 | 7.60 | 4 | 6 | |
| B-41M | 4/16/09 | 8:25 | 626.31 | 14.95 | 611.36 | 72.58 | 57.63 | 9.80 | 1.5 | 6 | |
| B-42M | 4/15/09 | 12:10 | 623.76 | 9.50 | 614.26 | 45.38 | 35.88 | 6.10 | 5.5 | 6 | |
| B-43M | 4/15/09 | 13:45 | 623.64 | 11.78 | 611.86 | 58.85 | 47.07 | 8.00 | 1.5 | 6 | |
| B-44M | 4/15/09 | 10:00 | 623.29 | 14.06 | 609.23 | 84.41 | 70.35 | 11.95 | 1 | 6 | |
| B-48M | 4/14/09 | 8:30 | 625.40 | 11.02 | 614.38 | 46.88 | 35.86 | 6.09 | 5 | 6 | |
| B-49M | 4/14/09 | 9:55 | 625.56 | 21.85 | 603.71 | 82.46 | 60.61 | 10.30 | 1.75 | 6 | |
| B-56M | 4/13/09 | 10:50 | 617.78 | 20.97 | 596.81 | 39.60 | 18.63 | 3.16 | 12.8 | 5 | |
| B-57M | 4/13/09 | 10:30 | 617.80 | 22.15 | 595.65 | 50.55 | 28.40 | 4.80 | 8 | 5 | Well dry at 8 gallons purged |

Purge Codes:

- 1 Sample port purged prior to sampling2 Dedicated stainless steel bailer

- Dedicated stamless steel bailer
 Peristaltic pump.
 Disposable polyethylene bailer
 Purge pump.
 Bladder Pump with flow through cell

NS - Not Sampled NA - Not Available

TABLE 3 MONITORING WELL GROUNDWATER SAMPLING DATA APRIL 2009 QUARTERLY SAMPLING EVENT FORMER CARBORUNDUM COMPANY WHEATFIELD, NEW YORK

| Monitoring Well | | | Top of Riser Elevation | pН | Specific | | | |
|--------------------|---------|-------|---------------------------|---------------------|---------------------|---------------------|--------------------|---|
| I.D. | Date | Time | (ft) | (standard units) | Conductance (uS/cm) | Temperature (deg F) | Turbidity (NTU) | Remarks |
| P-2 | 4/16/09 | 13:10 | 619.67 | 6.3 | 1.11 | 53.1 | 7.78 | Pumping well |
| P-3 | 4/15/09 | 13:25 | 627.35 | 6.82 | 1.65 | 54.5 | 14.4 | Pumping well |
| P-4 | 4/14/09 | 15:25 | 624.45 | 6.47 | 1.19 | 52.8 | 3.89 | Pumping well |
| PW-1 | 4/15/09 | 10:30 | 619.78 | 6.05 | 0.87 | 52.9 | 2.95 | Pumping well |
| PW-3 | 4/13/09 | 14:45 | 618.28 | 7.23 | 1.51 | 47.3 | 3.19 | Pumping well |
| PW-4 | 4/16/09 | 13:00 | 618.28 | 5.99 | 0.74 | 53.6 | 3.01 | Pumping well |
| B-6M | 4/16/09 | 14:00 | 615.69 | 6.12 | 1.12 | 48.7 | 323 | |
| B-8M | 4/13/09 | 14:00 | 618.57 | 6.42 | 1.98 | 48.4 | 38.5 | Alkalinity as $CaCO_3 = 320 \text{ mg/l}$; Ferrous Iron = 2.0 mg/l |
| B-9M | 4/16/09 | 14:40 | 623.03 | 5.9 | 0.32 | 44.2 | 58.7 | |
| B-10M | 4/20/09 | 15:00 | 622.07 | 6.30 | 1.52 | 49.3 | 15.8 | Alkalinity as $CaCO_3 = 320 \text{ mg/l}$; Ferrous Iron = 0.0 mg/l |
| B-13M | 4/14/09 | 15:10 | 618.69 | 6.32 | 1.51 | 51.8 | 9 | Alkalinity as CaCO ₃ = 300 mg/l; Ferrous Iron = 0 mg/l |
| B-17M | 4/15/09 | 9:45 | 626.01 | 6.32 | 1.67 | 51.6 | 0.0 | Alkalinity as CaCO ₃ = 280 mg/l; Ferrous Iron = 2.6 mg/l |
| B-19M | 4/14/09 | 13:40 | 617.71 | 6.31 | 1.67 | 52.0 | 9 | Alkalinity as $CaCO_3 = 280 \text{ mg/l}$; Ferrous Iron = 0.2 mg/l |
| B-21M | 4/20/09 | 10:30 | 618.31 | 7.28 | 1.26 | 49.7 | 373 | , , , , , , , , , , , , , , , , , , , |
| B-22M | 4/20/09 | 11:35 | 619.35 | 6.23 | 1.45 | 51.4 | 14.2 | Alkalinity as $CaCO_3 = 300 \text{ mg/l}$; Ferrous Iron = 0.0 mg/l |
| B-23M | 4/13/09 | 9:30 | 609.81 | 6.53 | 0.891 | 51.4 | 0 | Alkalinity as $CaCO_3 = 280 \text{ mg/l}$; Ferrous Iron = 0.3 mg/l |
| B-24M | 4/13/09 | 12:10 | 626.12 | 7.57 | 0.97 | 46.8 | 61.1 | |
| B-28M | 4/20/09 | 9:46 | 622.62 | 6.08 | 1.11 | 50.0 | 298 | |
| B-38M | 4/20/09 | 12:35 | 609.81 | 6.53 | 1.20 | 50.1 | 4.3 | |
| B-39M | 4/16/09 | 12:35 | 626.12 | 6.31 | 1.17 | 51.3 | 4.8 | Alkalinity as $CaCO_3 = 240 \text{ mg/l}$; Ferrous Iron = 0.0 mg/l |
| B-40M | 4/16/09 | 11:30 | 626.23 | 6.29 | 2.44 | 51.8 | 1.3 | Alkalinity as $CaCO_3 = 260 \text{ mg/l}$; Ferrous Iron = 0.0 mg/l |
| B-41M | 4/16/09 | 9:40 | 626.31 | 6.39 | 0.718 | 50.7 | 0.0 | Alkalinity as $CaCO_3 = 240 \text{ mg/l}$; Ferrous Iron = 0.2 mg/l |
| B-42M | 4/15/09 | 13:15 | 623.76 | 6.33 | 0.746 | 53.8 | 9.55 | Alkalinity as $CaCO_3 = 240 \text{ mg/l}$; Ferrous Iron = 0.0 mg/l |
| B-43M | 4/15/09 | 15:00 | 623.64 | 6.22 | 2.40 | 55.6 | 1.5 | Alkalinity as $CaCO_3 = 240 \text{ mg/l}$; Ferrous Iron = 0.0 mg/l |
| B-44M | 4/15/09 | 11:30 | 623.29 | 6.77 | 3.03 | 52.0 | 0 | Alkalinity as $CaCO_3 = 240 \text{ mg/l}$; Ferrous Iron = 0.0 mg/l |
| B-48M | 4/14/09 | 9:40 | 625.40 | 6.19 | 0.703 | 51.1 | 17.7 | Alkalinity as $CaCO_3 = 280 \text{ mg/l}$; Ferrous Iron = 0.0 mg/l |
| B-49M | 4/14/09 | 9:55 | 625.56 | 6.09 | 3.29 | 51.6 | 0 | Alkalinity as CaCO ₃ = 320 mg/l; Ferrous Iron = 0.0mg/l |
| B-56M | 4/13/09 | 11:25 | 617.78 | 8.01 | 1.05 | 47.5 | 19.4 | , , , , , , , , , , , , , , , , , , , |
| B-57M | 4/13/09 | 11:35 | | 7.29 | 2.43 | 49.8 | 60.5 | |

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

| Well ld | Sample Date | Lab Sample ID | Carbon Tetrachloride ug/l | Chloroform ug/l | 1,1-Dichloroethane ug/l | 1,1-Dichloroethene ug/l | Methylene chloride ug/l | | cis-1,2- Dichloroethene ug/l | 1,1,1- Trichloroethane ug/l | Trichloroethene ug/l | Vinyl chloride ug/l | Tetrachloroethene ug/l |
|-------------|-------------|---------------|------------------------------|-----------------|----------------------------|----------------------------|----------------------------|-------|---------------------------------|-----------------------------------|-------------------------|---------------------|---------------------------|
| P-2 | 4/16/2009 | 5649165 | < 1 | < 0.8 | 190 | 31 | < 2 | 5.1 | 780 | 1100 | 260 | 160 | < 0.8 |
| P-3 | 4/15/2009 | 5647723 | <1 | < 0.8 | <1 | < 0.8 | < 2 | 1.6 J | 46 | < 0.8 | <1 | 1.7 J | < 0.8 |
| P-4 | 4/14/2009 | 5646771 | < 2 | < 1.6 | 12 | 3.5 J | < 4 | 6.1 J | 370 | 23 | 1600 | 3.9 J | < 1.6 |
| PW-1 | 4/15/2009 | 5647722 | < 2 | < 1.6 | 11 | 2.8 J | < 4 | 3.6 J | 400 | 11 | 1300 | 19 | < 1.6 |
| PW-3 | 4/13/2009 | 5647718 | < 5 | < 4 | < 5 | 4.5 J | < 10 | < 4 | 730 | < 4 | 2200 | 50 | < 4 |
| PW-4 | 4/16/2009 | 5649166 | < 1 | < 0.8 | < 1 | < 0.8 | < 2 | < 0.8 | 2.7 J | < 0.8 | 21 | < 1 | < 0.8 |
| B- 6M | 4/16/2009 | 5649163 | < 1 | < 0.8 | < 1 | < 0.8 | < 2 | 0.9 J | 27 | < 0.8 | 270 | < 1 | < 0.8 |
| B- 8M | 4/13/2009 | 5647717 | < 100 | < 80 | < 100 | < 80 | < 200 | < 80 | 3100 | < 80 | 61000 | 120 J | < 80 |
| B- 9M | 4/16/2009 | 5649164 | < 1 | < 0.8 | < 1 | < 0.8 | < 2 | < 0.8 | < 0.8 | < 0.8 | < 1 | < 1 | < 0.8 |
| B-10M | 4/20/2009 | 5651166 | < 1 | < 0.8 | < 1 | < 0.8 | < 2 | < 0.8 | 5 | 3 J | 35 | < 1 | < 0.8 |
| B-13M | 4/14/2009 | 5646770 | < 1 | < 0.8 | 5.2 | 3.1 J | < 2 | 7 | 460 | 3.2 J | 460 | 17 | < 0.8 |
| B-17M | 4/15/2009 | 5647720 | < 10 | < 8 | 210 | 49 J | < 20 | 35 J | 6600 | 75 | 3900 | 750 | 9.4 J |
| B-19M | 4/14/2009 | 5646769 | < 1 | < 0.8 | < 1 | < 0.8 | < 2 | < 0.8 | 3.5 J | < 0.8 | < 1 | 1.3 J | < 0.8 |
| B-21M | 4/20/2009 | 5651170 | <1 | < 0.8 | < 1 | < 0.8 | < 2 | < 0.8 | < 0.8 | < 0.8 | < 1 | < 1 | < 0.8 |
| B-22M | 4/20/2009 | 5651167 | < 1 | < 0.8 | < 1 | < 0.8 | < 2 | 3.8 J | 150 | < 0.8 | 39 | 9.9 | < 0.8 |
| B-23M | 4/13/2009 | 5647710 | < 1 | < 0.8 | 1.4 J | < 0.8 | < 2 | 1.6 J | 260 | < 0.8 | 21 | 11 | < 0.8 |
| B-24M | 4/13/2009 | 5647711 | < 1 | < 0.8 | < 1 | < 0.8 | < 2 | < 0.8 | 0.99 J | < 0.8 | 3.2 J | < 1 | < 0.8 |
| B-28M | 4/20/2009 | 5651173 | < 1 | < 0.8 | < 1 | < 0.8 | < 2 | < 0.8 | < 0.8 | < 0.8 | < 1 | < 1 | < 0.8 |
| B-38M | 4/20/2009 | 5651169 | < 1 | < 0.8 | < 1 | < 0.8 | < 2 | 1 J | 64 | < 0.8 | 23 | 2 J | < 0.8 |
| B-39M | 4/16/2009 | 5649168 | < 1 | < 0.8 | < 1 | < 0.8 | < 2 | < 0.8 | 1.7 J | < 0.8 | 4.1 J | < 1 | < 0.8 |
| B-40M | 4/16/2009 | 5649167 | < 1 | < 0.8 | < 1 | < 0.8 | < 2 | < 0.8 | 3.9 J | < 0.8 | 2.5 J | < 1 | < 0.8 |
| B-41M | 4/16/2009 | 5649169 | < 1 | < 0.8 | < 1 | < 0.8 | < 2 | < 0.8 | 6.8 | < 0.8 | < 1 | 1.4 J | < 0.8 |
| B-42M | 4/15/2009 | 5647725 | < 1 | < 0.8 | < 1 | < 0.8 | < 2 | 1.3 J | 11 | < 0.8 | 3.7 J | < 1 | < 0.8 |
| B-43M | 4/15/2009 | 5647721 | < 1 | < 0.8 | < 1 | < 0.8 | < 2 | < 0.8 | 7.2 | < 0.8 | < 1 | 2.2 J | < 0.8 |
| B-44M | 4/15/2009 | 5647726 | < 1 | < 0.8 | 7 | < 0.8 | < 2 | < 0.8 | 5.8 | < 0.8 | 4.4 J | 5 J | < 0.8 |
| B-48M | 4/14/2009 | 5646767 | < 1 | < 0.8 | < 1 | < 0.8 | < 2 | < 0.8 | 1 J | < 0.8 | 2.9 J | < 1 | < 0.8 |
| B-49M | 4/14/2009 | 5646768 | < 1 | < 0.8 | < 1 | < 0.8 | < 2 | < 0.8 | < 0.8 | < 0.8 | < 1 | < 1 | < 0.8 |
| B-56M | 4/13/2009 | 5647712 | < 1 | < 0.8 | < 1 | < 0.8 | < 2 | < 0.8 | 17 | < 0.8 | 64 | < 1 | < 0.8 |
| B-57M | 4/13/2009 | 5647716 | < 1 | < 0.8 | < 1 | < 0.8 | < 2 | < 0.8 | < 0.8 | < 0.8 | < 1 | < 1 | < 0.8 |
| Quarry Pond | 4/20/2009 | 5651168 | < 1 | < 0.8 | < 1 | < 0.8 | < 2 | < 0.8 | < 0.8 | < 0.8 | < 1 | < 1 | < 0.8 |

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TABLE 5 NATURAL ATTENUATION ANALYTICAL RESULT SUMMARY APRIL 2009 QUARTERLY SAMPLING EVENT FORMER CARBORUNDUM COMPANY WHEATFIELD, NEW YORK

| Compound | UNITS | B- 8M | B-10M | B-13M | B-17M | B-19M | B-22M | B-23M | B-39M | B-40M | B-41M | B-42M | B-43M | B-44M | B-48M | B-49M |
|---------------------------|-------|--------|--------|---------|--------|---------|---------|--------|--------|----------|---------|----------|----------|---------|----------|----------|
| Biochemical Oxygen Demand | mg/l | < 2.8 | < 4.4 | < 1.8 | < 2.7 | < 2 | < 5.3 | < 2.4 | < 2.4 | < 3.6 | < 2.7 | < 2.3 | < 2.8 | 8.2 | < 1.9 | 22.8 |
| Chemical Oxygen Demand | mg/l | 38.1 J | 29 J | < 12.8 | 24.4 J | < 12.8 | 15.3 J | < 12.8 | 15.3 J | 15.3 J | 17.6 J | < 12.8 | < 12.8 | 26.7 J | < 12.8 | 76.9 |
| Chloride | mg/l | 392 | 270 | 76.8 | 305 | 69.6 | 85.7 | 79.3 | 78 | 46.1 | 69.8 | 104 | 59.1 | 51.4 | 74.6 | 55.6 |
| Dissolved Organic Carbon | mg/l | 2.3 | 1.3 | 1.6 | 2.7 | 1.6 | 1.6 | 1.7 | 2.1 | 1.5 | 1.3 | 1.8 | 1.5 | 1 | 1.6 | 0.76 J |
| Ethane | ug/l | 49 | < 1 | < 1 | 13 | < 1 | < 1 | < 1 | 1.3 J | < 1 | < 1 | < 1 | < 1 | 19 | < 1 | 24 |
| Ethene | ug/l | 13 | < 1 | < 1 | 38 | < 1 | < 1 | < 1 | < 1 | < 1 | < 1 | < 1 | < 1 | 11 | < 1 | < 1 |
| Iron | mg/l | 5.22 | 1.88 | 0.105 J | 0.33 | 0.104 J | 0.107 J | 0.276 | 0.381 | < 0.0522 | 0.166 J | < 0.0522 | 0.0553 J | 0.171 J | < 0.0522 | < 0.0522 |
| Manganese | mg/l | 0.252 | 0.0097 | 0.029 | 0.0739 | 0.0203 | 0.0145 | 0.0303 | 0.0181 | 0.0259 | 0.0152 | 0.0098 | 0.0275 | 0.0091 | 0.0138 | 0.0196 |
| Methane | ug/l | 1100 | < 5 | 11 J | 540 | 8.9 J | 6.4 J | 6.2 J | 9.4 J | 8.6 J | 5.6 J | < 5 | 9 J | 26 | 6.2 J | 64 |
| Nitrate Nitrogen | mg/l | < 0.25 | 0.65 | 0.3 J | < 0.25 | < 0.25 | < 0.25 | < 0.25 | 1.2 | 0.35 J | < 0.25 | 0.88 | < 0.25 | < 0.25 | 1.3 | < 0.25 |
| Nitrite Nitrogen | mg/l | < 0.4 | < 0.4 | < 0.4 | < 0.4 | < 0.4 | < 0.4 | < 0.4 | < 0.4 | < 0.4 | < 0.4 | < 0.4 | < 0.4 | < 0.4 | < 0.4 | < 0.4 |
| Sulfate | mg/l | 125 | 66.9 | 418 | 189 | 560 | 443 | 249 | 252 | 705 | 139 | 107 | 998 | 1680 | 132 | 1690 |

APPENDIX A

MONITORING WELL SAMPLING FIELD FORMS

| | | | | MONITORING | 医克勒氏性皮肤炎 医阿拉克氏性 化二氯甲基甲基甲基甲基甲基甲基甲基甲基甲基甲基甲基甲基甲基甲基甲基甲基甲基甲基甲基 | ING FIELD FO | ORM | | e solito es | 2.5E (5) |
|------------------|------------------------|---------------------------------------|-----------------------------|--|---|---------------------------------------|---|------------------|-------------------|-----------|
| | | | C | | BP, Sanborn, I | NY | | | 3-3 | |
| Monitoring We | eil I.D.: 🖒 – (, | 5 | Date: 4/16 | 07 | Time Started: | 133 | O Field Pa | ersonnel: | RC Becken | |
| Weather Cond | ditions: SUn | ing Han | w- | | | | | | | |
| Comments: | - | \ | | | | | | | | |
| | W | | | | | | | | | |
| | | | | | nitial Readir | igs | | | | |
| | II Bottom (TOR - | | | | Riser Pipe Dia | ameter (in) | 2 in. | | | |
| Measured Wa | ter Level (TOR - | | | | Conversion Fa | actor (gal/line: | al ft) | 1.25" = 0.08 | 2"=0.17 | 3" = 0.38 |
| Calculated Wa | ater Column Heig | | <u> </u> | | (Circle One) | | | 4" = 0,66 | 6" = 1.50 | 8" = 2.60 |
| One Well Volu | ıme (gals.) | 2.24 | | | FiveWell Volu | mes (gals.) | 11.2 | | | |
| Notes: | | | | | | | | | | |
| | , , | | | V | Vell Conditio | n <u>s</u> | | | | |
| Well Riser Typ | oe (Circle one): | | Stainle | ss Steel | Carb | on Steel | | PVC | | |
| Casing Condit | ion: | (OK) | Repair Require | ed: | | | | | | |
| Cap Condition | : | (QK) | Repair Require | ed: | | | | | | |
| Paint Condition | n: | (QK) | Repair Require | ed: | | | **** | | | |
| Lock Condition | <u>1:</u> | CORO | Repair Require | ed: | | | | | | |
| Inner Casing C | Condition: | OK | Repair Require | ed: | | | | | | |
| Surface Seal C | Condition: | OK | Repair Require | ed: | | - | | | | |
| Other: | | | | | | | | | | |
| | | | | Pu | ırge Informa | tion | | | | |
| Purging Metho | d (Circle one): | | Stainless | Steel Bailer | | Itic Pump | | Sample Port // | Pumping Wells Onl | |
| | | | | Bailer | | lene Bailer | Other: | OBITIPIE T OIL (| unping wells Off | y / |
| | Well Volume 2.24 | Gallons Purged (gal) 225 4.5 6.75 | (deg C) 50.1 48.1 48.2 47.9 | Specific Conductivity (mS/cm) (.69 1.38 7.29 | Turbidity (NTU's) 461 394 837 536 | | | Comments | | |
| Comments: | | A A A A A A A A A A A A A A A A A A A | | Sam | pling Inform | ation | | | | |
| Date: 4/16 | 109 | Time Sampled: | 1400 | Field Personne | | R C Becken | *** | | | |
| Measured Wat | er Level (TOR ft. | | | 1 7010 7 070011110 | | IV O DECKER | | | | |
| | od (Circle one): | | Stainless S Teflon | Steel Bailer Bailer | | tic Pump ene Bailer | Other: | Sample Port (F | umping Wells Only | ·) |
| | Sample I.D. | Temperature (deg.C) よる・フ | рн (S:U:) 6. /2 | Specific Conductivity (mS/cm) | Turbidity (NTU's) 3'23 | <u> </u> | Office. | Comments | ### (Fig. 1) | |
| QA/QC Sample | s Taken: | | <u></u> | , To | | <u> </u> | | | | |
| Comments: | | | | | | | | | | |
| | | | ****** | | Signature | · · · · · · · · · · · · · · · · · · · | *************************************** | | | |
| | | | 1 | | (T) | | <u></u> | | 7 7 | , |
| Sampler (Print): | | Richard C. Beck | ren | Sampler (signat | ure): | Lall | R | لما | Date: 4/11/4 | 9 |

| Monitorin | g Well I.D.: | 16-8 | | Date: ५ | 12/00 | Time Sta | arted: /220 | Field Personnel: RCB | | | | |
|--|----------------|-----------------|---|----------------|---------------|-------------|-------------------|--|--|--|--|--|
| | | 1 | ĵ | | 13101 | | artou. 1,1 10 | rield Fersonner. ACD | | | | |
| Weather | Conditions: | Clear | (405 | | | Time En | ded: | | | | | |
| 0 | 4 | | | | | | | | | | | |
| Commen | IS: | | | | | | | | | | | |
| Managura | d Well Botto | m (TOD #) | | Initial Re | adings | | v1-1 | | | | | |
| Measured | i vveii duttoi | III (TOR-II) | 17.8 | | | Riser Pi | meter (ir | 1.) 2 | | | | |
| Measured | d Water Leve | el (TOR-ff) | 3.77 | | | One Me | ll Volume (gal.) | 1 20 | | | | |
| Notes: | | (| <u> </u> | | | One we | ii voidille (gal. |) 2.51 | | | | |
| | | | | | | | | | | | | |
| | | | | Well Con | dition | <u></u> | | | | | | |
| Well Rise | | | Stainless | Steel | Carby | | PVC | | | | | |
| Casing Conc Cap Conc | | | OK) | | Repair | | | | | | | |
| Paint Con | | | ÓK) OK) | | Repair Re | | | | | | | |
| Paint Condition: OK Repair Required: Lock Condition: Repair Required: | | | | | | | | | | | | |
| | ing Conditio | n: | (OK) | | | | | | | | | |
| Inner Casing Condition: (GK) Repair Required: Surface Seal Condition: Repair Required: | | | | | | | | | | | | |
| Other: | * | | OK | | Repair Re | | | | | | | |
| | | | | Purge Infe | | | | | | | | |
| Purging M | | Stainless Steel | Bailer | Peristaltic Pu | mp | Grundfos Pi | ump | Teflon Bailer | | | | |
| Place an) | K in one box | Polyethylene B | aller | Qladder Pum | | Other: | ······ | | | | | |
| | urged: -5 | | | Flow Rate | (mL per m | ínute: | | | | | | |
| Comment | eraner Purg | ging (TOR ft.) | 3.79 | | | | | | | | | |
| Commenc | <u></u> | | | C! | 1 - 5 - 4 | | | | | | | |
| Date: [//] | 7/00 | Time Sampl | led: ا | Sampling | informatio | | t | 5.05 | | | | |
| Vieasured | Water Leve | | <u>હત. 7 (ઝ.)</u> કુલ | | | Field Per | sonner: | R C Becken | | | | |
| Sampling | | Stainless Steel | | Peristellic Pu | mp | Grundfos Pu | ımn | Teflon Bailer | | | | |
| olace an X | | Polyethylene B | ailer S | Pum | · | Other: | | Tettori Danet | | | | |
| Time | Temperature | pH | Conductiv | solved | Redox | Water | Turbidity | Flow Rate | | | | |
| Elapsed min. | | | <u> </u> | xygen | | Level | | <u> </u> | | | | |
| _5 | 8.95 | 6.5 | 3.76 | 0.0 | -115 | 3.92 | 352 | - B240 r//Lin | | | | |
| 10 | 8.97 | 6.51 | 2.12 | 0.0 | -104 | 3.93 | 213 | | | | | |
| _15 | 8.97 | 6.44 | 2.02 | 0.0 | -95 | 3.99 | 115 | | | | | |
| 30 25 35 40 45 | 8.99 | 6.47 | 1.99 | ටුර | -88 | 3.99 | જિવ | | | | | |
| 25 | 9.02 | 60.45 | 1.00 | 0.0 | -85 | 3.99 | 68.1 | | | | | |
| 24 | 8,99 | 6.44 | 1.98 | | <u>-81</u> | 3.99 | | | | | | |
| 25 | 9.03 | 6.44 | 1,97 | 2.2 | | | 61.5 | | | | | |
| <u> </u> | 9.06 | 6,43 | 1.98 | 0.0 | - 1 | 3.99 | 92.2 | | | | | |
| | | | | 0.0 | -76 | 399 | 43.7 | | | | | |
| | 9.02 | 6,43 | 1.98 | 0.0 | -69 | 3,99 | 4.2) | | | | | |
| 50 | 9.08 | 6.42 | 1.98 | 0.0 | -71 | 3.99 | 3-51 | | | | | |
| | | | | | | | \ | | | | | |
| | | | | | " | | | | | | | |
| | | | | | | | | | | | | |
| | | , | | | | | | <u> </u> | | | | |
| | | | | | | | | | | | | |
| A/QC Sai | mples Taker | | | | | <u></u> | | | | | | |
| omments | Alkalini | tinas Ca | CO = 532 | ome,/L | Ferro | s Tron | : 2 he | c; / L | | | | |
| | | | | Signature | | | ,,,,, | | | | | |
| ampler (P | rint) | | Sampler (si | gnature): | | | | | | | | |
| ichard C | Doeken | 4 | <u>, , , , , , , , , , , , , , , , , , , </u> | (), 5 | 30.1. | | | , /) | | | | |
| ichard C. | рескел | | The Contraction | <u> </u> | Becky | | | Date: 4/13/09 | | | | |
| | | | | | | | | | | | | |

| | | | D&M Enterprises, Inc. IG WELL SAMPLING FIELD F BP, Sanborn, NY | ORM | The gradient of the gradient o |
|--------------------------------|--|--|--|--|--|
| Monitoring Well I.D.: | <u>₹ β-9</u> | Date: 4/16/69 | <u> </u> | ACCOMMON TO A STATE OF THE STAT | |
| | | いくへい。 Date: 9/16/6/1 | Time Started: 1415 | Field Personnel: | RC Becken |
| Comments: | so made | DUX. | | | |
| | | | | | |
| | | | Initial Readings | | |
| Measured Well Bottom (TOR - | | | Riser Pipe Diameter (in) | 2 in. | |
| Measured Water Level (TOR - | ft) 7.3 | 2 | Conversion Factor (gal/line | · · · · · · · · · · · · · · · · · · · | 2"=0.17 3"=0.38 |
| Calculated Water Column Heig | | 7.87- | (Circle One) | 4" = 0.66 | 6" = 1.50 8" = 2.60 |
| One Well Volume (gals.) | 2.35 | | FiveWell Volumes (gals.) | /1.7 | 0 - 1.50 0 - 2.00 |
| Notes: | | | | | |
| | | | Well Conditions | | |
| Well Riser Type (Circle one): | | Steinless Steet | Carbon Steel | PVC | |
| Casing Condition: | (OK) | Repair Required: | | | |
| Cap Condition: | OK | Repair Required: | | | |
| Paint Condition: | (OK) | Repair Required: | | | |
| Lock Condition: | (OK) | Repair Required: | | | |
| Inпег Casing Condition: | (óĸ) | Repair Required: | | | |
| Surface Seal Condition: | ОК | Repair Required: | | | |
| Other: | | | | | |
| | | | Purge Information | | |
| Purging Method (Circle one): | | Stainless Steel Bailer | Peristaltic Pump | Sample Port (P | umping Wells Only) |
| | | Teflon Bailer | Polyethylene Bailer | Other: | |
| Well Volume 2.35 | Gallons Purged (gal) - 2.35 - 4.70 - 7 - 9.35 | Temperature Specific Conductivi (deg C) (mS/cm) 48.1 0.35 44.7 0.30 44.1 0.31 0.32 | Turbidity (NTU's) 58.4 71.3 70.4 64.6 | Comments | |
| Commenter | | | | | |
| Comments: | | | | | |
| Date: 4/16/45 | Time Sampled: | 111115 | mpling Information | | |
| Measured Water Level (TOR ft. | | 7970 Field Person | nel: R C Becken | | |
| Sampling Method (Circle one): |). 1:0 | Cloint CtI D-11 | | | |
| company metrica (office offe). | | Stainless Steel Bailer Teflon Bailer | Peristaltic Pump Polyethylene Baller | | imping Wells Only) |
| Sample | Temperature | pH Specific | Turbidity Turbidity | Other; | |
| 73.9 | (deg.C)=- | (S.U.) Specific Conductivit (mS/cm) 5,9 O. 32 | | Comments | |
| | | | | | |
| QA/QC Samples Taken: | | | | | |
| Comments: | 7.000MM. | | | | |
| | | | Signature | | |

Sampler (signature):

Richard C. Becken

Sampler (Print):

Date: 4/16/09

| Monitoring Well ID: 6-D Date: 4/10/67 Time Started: 1/5 SD Field Personnet: RCB | n | 114 | 77 132 | | ····· | <u> </u> | | | | |
|--|---|---------------|--------------|-----------------|---------------------------------------|------------------|-----------|----------------|--|--|
| Measured Water Level (TOR-ff) 7.53 Measured Water Level (TOR-ff) 7.63 Measured Water Level ff 7.63 Measured Water Level 7.63 Measured Water Lev | Monitoring Well I.D.: 6-10 Date: 4/26/9 Time Started: £350 Field Personnel: RCB | | | | | | | | | |
| Measured Well Bottom (TOR-ft) \$2.7,7 Riser Pipe Diameter (in.) Zeronal Measured Well Floor (TOR-ft) \$2.7,7 Riser Pipe Diameter (in.) Zeronal Measured Well Condition | Weather C | Conditions: | rain | 45° | , <u>,</u> | | Time End | ded: | | |
| Measured Well Bottom (TOR-ft) 27, 9 Measured Water Level (TOR-ft) \$83 One Well Volume (gal.) 3 24 Notes: | Comments | s: | | | | | | | | |
| Measured Well Bottom (TOR-ft) 27, 9 Measured Water Level (TOR-ft) \$83 One Well Volume (gal.) 3 24 Notes: | | | | | Initial Rea | adings | | | The state of the s | |
| Well Riser Type | Measured | Well Botton | (TOR-ft) | 27.9 | | | Riser Pip | e Diameter (ir | 1.) Z | |
| Well Riser Type | Measured | Water Leve | I (TOR-ft) | 1 83 | | | One Well | l Volume (gal. |) 3 24 | |
| Well Riser Type | Notes: | | | | | | | | | |
| Well Riser Type | · · · · · · · · · · · · · · · · · · · | | | | -Woll Con- | dition | | | | |
| Casing Condition: Cap | Well Riser | Type | 1 | Stainless | Steel | | iteel | IPVC | | |
| Repair Required: Cold Repair Required: | | | | | 1 | | | 11 40 | | |
| Repair Required: Cock Condition: OK | | | | OK | | | | | | |
| Inter Casing Condition: OK Repair Required: | | | | | | | | | | |
| Surface Seal Condition: OK Repair Required: | | | | (OK) | | | | | | |
| Purging Method: Stainless Steel Baller Purge Information P | | | | | | Repair Re | equired: | | | |
| Purging Method Stainless Steel Baller Peristaltic Pump Grundfos Pump Teflon Baller Other | | eal Condition | 1: | | | Repair Re | equired: | | | |
| Statistics Steel Bailer | Other. | | | JUK | <u> </u> | | equired: | | | |
| Place an X in one box Polyethylene Sailer Amount Purged: -7.75 Place Flow Rate (mL per minute: -160 ml/mm) Water Level after Purging (TOR ft.) \(\frac{7}{3} \) Time Sampled: \(\frac{7}{5} \) So Field Personnel: R C Becken | Duraina M | othod: | C+-1 C+ | 151 | | | | | | |
| Flow Rate (mL per minute: ~ 160 ml/mm | | | | | Peristallic Pu | mp | | ımp | Teflon Bailer | |
| Sampling Information Sampling Information | Amount Pu | rged: ~ /. | 75 55 | Alici | | | inute: ~/ | 110.11 | | |
| Sampling Information Sampled: | Water Lev | el after Purg | ing (TOR ft. | 841 | I TOTT I TOTO | Time per ii | mate. I | BU My man | | |
| Time Sampled: | | | | <u></u> | . " | | | | | |
| Time Sampled: | | , | | | Sampling | Informati | on | | | |
| Sampling Method Stainless Steel Baller Peristaltic Pump Grundlos Pump Teffon Bailer Polyethylene B | | | Time Samp | led: 1500 | | | | sonnel: | R C Becken | |
| Diace an X in box | | | | | | | | | | |
| Time Temperature pH Conductivity Dissolved Oxygen Cavel Turbidity Flow Rate Cavel S Pol 18 Est 1.57 2.60 IS S. 51 33 9 Pol 160 P | | | | | | | | ımb | Teffon Bailer | |
| Capped min. | | | | | | | | | | |
| S 10.18 654 1.57 2.60 13 8.91 339 a 160 information of the section | | remperature | h⊔ | Сопанскімку | 1 | Redox | ı | Turbidity | Flow Rate | |
| 10 9.89 6.32 1.56 2.05 13 8.91 192 15 9.63 6.30 1.52 1.88 19 8.91 91 20 9.54 6.30 1.52 1.89 21 8.91 66.7 25 9.52 6.30 1.52 1.88 42 8.91 28.9 30 9.53 6.30 1.52 1.98 42 8.91 20.4 35 9.55 6.30 1.52 1.91 46 8.91 23.6 40 9.51 6.30 1.52 1.92 48 8.91 23.6 45 9.51 6.30 1.52 1.92 49 8.91 18.9 50 9.59 6.30 1.52 1.92 49 8.91 18.3 55 9.55 6.30 1.52 1.92 49 8.91 18.8 DAVOC Samples Taken: Comments: Alkelinthy as Ca.Co.7 : 320 mg/c Ferrows from = 0 mg/c Signature Sampler (Print) Sampler (Signature): | | 10.18 | L36 | 157 | | 7 ξ | | 739 | 11 a 17 s | |
| 15 | | | | | ļ | | | | a (60 Inf nem | |
| 20 9.54 6.30 1.52 1.89 21 8.91 66.7 25 9.52 6.30 1.52 1.88 42 8.91 28.7 30 9.53 6.30 1.52 1.91 46 8.91 24.4 40 9.51 6.30 1.52 1.92 49 8.91 23.6 45 9.51 6.30 1.52 1.92 49 8.91 18.9 50 9.59 6.30 1.52 1.92 49 8.91 14.3 55 9.55 6.30 1.52 1.92 49 8.91 1.55 Comments: Alkeliniting as Ca(O ₂ > 320 mg/L Ferrows from = 0 mg/L Signature Sampler (Print) Sampler (Signature): | | 012 | | | | 13 | | | | |
| 25 9.52 6.30 1.52 1.88 42 8.91 29.7 30 9.53 6.30 1.52 1.91 46 8.91 24.4 40 9.51 6.30 1.52 1.92 49 8.91 23.6 45 9.51 6.30 1.52 1.92 49 8.91 18.9 50 9.59 6.30 1.52 1.92 49 8.91 14.3 55 9.55 6.30 1.52 1.92 49 8.91 14.3 Somments: Alkalinitic as Ca Co 2 > 320 mg/L Ferrows (ron = 0 rg/L) Signature Sampler (Print) Sampler (signature): | | (CO'! | | | | | | | | |
| 30 9.53 6.30 6.50 6.50 6.50 6.50 6.50 6.50 6.50 6.5 | | | | | | | 8,91 | 66.7 | | |
| 35 9.55 6.30 1.52 1.91 46 8.51 24.V 40 9.51 6.30 1.52 1.92 48 8.91 23.6 45 9.51 6.30 1.52 1.92 49 8.71 18.9 50 9.59 6.30 1.52 1.92 49 8.91 14.3 55 9.55 6.30 1.52 1.92 49 8.91 15.8 DAVOC Samples Taken: Comments: Alkalinkty as Ca Co 2 > 320 mg/L Ferrows (ron = 0 mg/L) Signature Sampler (Print) Sampler (signature): | | | 6,30 | 1.52 | 6.87 | 53 | 8.91 | 28.7 | | |
| 35 9.55 6.30 1.52 1.91 46 8.51 24.V 40 9.51 6.30 1.52 1.92 48 8.91 23.6 45 9.51 6.30 1.52 1.92 49 8.71 18.9 50 9.59 6.30 1.52 1.92 49 8.91 14.3 55 9.55 6.30 1.52 1.92 49 8.91 15.8 DAVOC Samples Taken: Comments: Alkalinkty as Ca Co 2 > 320 mg/L Ferrows (ron = 0 mg/L) Signature Sampler (Print) Sampler (signature): | 30 | 9.53 | 6.30 | 652 | 1.88 | 42 | 8.91 | 20.4 | | |
| 40 9.51 6.30 1.52 1.92 48 8.91 23.6 45 9.51 6.30 1.52 1.92 49 8.91 18.9 50 9.59 6.30 1.52 1.92 49 8.91 14.3 55 9.55 6.30 1.52 1.92 49 8.91 15.8 DAYQC Samples Taken: Comments: Alkalınlın as Ca(O ₂ > 320 mg/c Ferrous (ron = 0 mg/c Signature): Sampler (Print) Sampler (signature): | 35 | 9.55 | 6.30 | バイン | 1.91 | | | | | |
| 45 9.51 6.30 1.52 1.92 49 8.91 18.9 50 9.59 6.30 1.52 1.92 49 8.91 14.3 55 9.55 6.30 1.52 1.92 49 8.91 15.8 DAYOC Samples Taken: Comments: Alkalinity as Ca(O ₂ > 320 mg/c Ferrows (ron = 0 mg/c Signature): Sampler (Print) Sampler (signature): | | 9.51 | | | | | | | | |
| 50 9.59 6.30 1.52 1.91 49 8.91 14.3 55 9.55 6.30 1.52 1.92 49 8.91 15.8 DAYOC Samples Taken: Comments: Alkalintin as Ca Co 2 3 320 mg/L Ferrows (ron = 0 mg/L Signature): Sampler (Print) Sampler (signature): | | | | | | | | | | |
| 2A/QC Samples Taken: Comments: Alkalınlar as Ca (O2 > 320 mg/L Ferrous from = 0 mg/L Signature Sampler (Print) Sampler (signature): | | 9,59 | | | | | | 18 2 | | |
| DA/QC Samples Taken: Comments: Alka/In/ty as Ca(O2 > 320 mg/L Ferrows (ron = 0 mg/L Signature): Sampler (Print) Sampler (signature): | 70 | | | | | | | | | |
| Signature Sampler (Print) Sampler (Signature): | 27 | 703 | 6.20 | 1.52 | 1.10 | 49 | 8.51 | 15.8 | | |
| Signature Sampler (Print) Sampler (Signature): | | | | | | | | | | |
| Signature Sampler (Print) Sampler (Signature): | | | | | | | | | | |
| Signature Sampler (Print) Sampler (Signature): | | | | | | | | | | |
| Signature Sampler (Print) Sampler (Signature): | | | | | | | | | | |
| Signature Sampler (Print) Sampler (signature): | QA/QC Sar | nples Taken | : | | | | | | | |
| Signature Sampler (Print) Sampler (signature): | Comments: | Altaline | ty es Cal | CU2 > 32 | omg/c | Ferre | ron lon | = 0 mail | <u></u> | |
| | | | | | | | | | | |
| Richard C. Becken Jate: 4(20/09 | Sampler (P | rint) | | Sampler (s | ignature): | | | | | |
| Date: 4(20/09 | N-6 1 @ : | D / | (| | \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ | \supset | 1 | | 11/ | |
| | cicnard C. | вескеп | | 1742.P | <u> </u> | $\sqrt{2}$ | جعـــــ | | Date: 4(20/09 | |
| | | | | | | | | | | |

| | | | LOW-FI | LOW SAN O&W EI | | TELD O | RW | | | | | |
|----------------------------|---------------|-----------------|--------------|-------------------|------------------------|----------------------|---|--|---------|--|--|--|
| Monitoring | g Well I.D.: | B-13 | | Date: 1/ | 14/09 | Time Sta | rted: <i>j40</i> 5 | Field Personnel: RCB | | | | |
| V ther | Conditions: | winds | 1, cool | cloudy | | Time End | led: | | | | | |
| Comme | <u> </u> | | | | | | | | | | | |
| Measured | Well Botto | n (TOR-ft) | 36.0 | Initial Re | adings | Riser Pin | e Diameter (i | n.) Z | | | | |
| Measured | Water Leve | | 22.65 | | | | e Diameter (ii |) 2.27 | | | | |
| Notes: | | | | | | | | | | | | |
| VAT-II Di | . | 1 | | Well Con | | | | 3000 | | | | |
| Well Rise | | <u> </u> | Stainless | Steel | Carbon S | | PVC | | | | | |
| Casing Cond | | | OK | | Repair Re | | | | | | | |
| Paint Con | | | OK OK | | Repair Re Repair Re | | | | | | | |
| Lock Cond | | | OR NO | | Repair Re | | | | | | | |
| | ing Condition | n: | OR . | | Repair Re | | | | | | | |
| | eal Conditio | | OB OB | | Repair Re | | | | | | | |
| Other: | | | OK | 1 | Repair Re | equired: | | | | | | |
| | | | | Purge Inf | | iquirou. | | | | | | |
| Purging M | ethod: | Stainless Stee | l Bailer | Peristaltic Pu | | Grundfos Pu | | T-7/ B 1 | | | | |
| | | Polyethylene B | | Bladder Pup | | Other: | ımp | Teffon Bailer | | | | |
| Amount P | urged: 4 | 15 | 15(15) | Flow Rate | /ml_nerm | joiner. inute: ᄿ고 | 1017. | | | | | |
| | | ing (TOR ft.) | 72.68 | I low Nate | fuir her ur | mule. 2 | 10 m-1/ mm | | | | | |
| Comments | | ing (101(1c) | 200 | | | | | | | | | |
| | | | | Compline | Informatio | | | | | | | |
| Date: 4/14 | laca | Time Samp | led: /510 | | ппоппаце | Field Pers | | DOB | | | | |
| | | (TOR ft) 7 | 12.1.0 | , | | Trielu reis | onner. | R C Becken | | | | |
| Sampling I | Method | Stainless Steel | | Peristaltic Pu | | C | | 1 | | | | |
| olace an X | | Polyethylene B | | Bladder Pun | | Grundfes Pu | шb | Teflon Bailer | | | | |
| Time | Temperature | pH | Conductivity | Dissolved | Redox | Other: | - 1.11 | | | | | |
| Elapsed min. | 1 ' | | Condictivity | Oxygen | Redux | Water | Turbidity | Flow Rate | ı | | | |
| 5 | 11.28 | 3 71 | 2.35 | | . 3:1 | Level | | | | | | |
| | | 6.26 | | , 24 | -211 | 22.67 | 27.2 | -240 ml/min | | | | |
| 10 | 11.23 | 6.25 | 2.20 | ,98 | -193 | 27.67 | 16.6 | | 1 | | | |
| 15 | 11.25 | 6.18 | 1.83 | 1.22 | -174 | 22.67 | 12.5 | | | | | |
| 10 | 1009 | 6.32 | 1.63 | 1.64 | -149 | 22.68 | 95 | | | | | |
| 10 25 | 11.13 | 1.35 | | 1.4-7 | | | | | | | | |
| 7. | | | 1.58 | | -140 | 27.18 | 9.8 | | | | | |
| <u>30</u> | 11.02 | 6.32 | 1.54 | 1.30 | -136 | 22.68 | 7.7 | | - | | | |
| 35 | 11.00 | 6.32 | 1.5 | 1.04 | -126 | 22.68 | 6.8 | | | | | |
| 30 35 40 45 50 | 11,08 | 6.32 | 1.5 | 0.90 | -116 | 22,68 | 0/ | | | | | |
| سميا ا | 11:08 | | | | | | | | 3 | | | |
| 75 | | 6.32 | 1.51 | 0.89 | -115 | 32.68 | | | · | | | |
| 50 | 11.30 | 6,32 | 1.51 | 0.88 | ~113 | 22.68 | 9.0 | | | | | |
| | | | | | | | | | | | | |
| | | | | | | | | | ——— | | | |
| | | | | | | | . , ,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,, | | | | | |
| | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| QA/QC Sar | nples Taker | 1: | | | , | | | | | | | |
| comments: | Alkali | uter as 1 | Cacoz | 5300 mg | 1 7 | errous | from a | 0 mg/c | | | | |
| | | 1 | | Signature | | | | | | | | |
| ampler (P | rint) | | Sampler (si | | | | | | ——— | | | |
| | | | | 1 | 7 1 | | | | | | | |
| Richard C. | Вескел | | Nich | UC | Becken | | | Date: 4/14/09 | - 1 | | | |
| Date: 17/07 | | | | | | | | | | | | |

..}

| Monitoring | Well I.D.: | 6-17 | | Date: 4/15/09 Time Started: 0830 | | | | Field Personnel: RCB | | |
|-------------------------------------|----------------|---------------------------------------|--|----------------------------------|--------------|--------------|----------------|--|--|--|
| Weather C | onditions: | cloudy, c | ool | **** | | Time End | ed: | | | |
| Comments | • | | | | | | | | | |
| | · | ***** | | Initial Rea | dinas | | | | | |
| Measured \ | Well Bottom | (TOR-ft) | LL.0 | | | Riser Pipe | e Diameter (in |) 2 | | |
| Measured \ | Water Level | (TOR-ft) | 9,26 | | | One Well | Volume (gal.) | 1.15 | | |
| Notes: | | * | | | | | | | | |
| | | | | Well Cond | listan | | | * | | |
| Well Riser | Type | | Stainless S | | Carbon Ste | | PVC | | | |
| Casing Cor | | | OK . | Tiogram I | Repair Rec | | 1 00 | | | |
| Cap Condit | tion: | | OK | | Repair Red | | | | | |
| Paint Cond | | | QK) | | Repair Red | | | The state of the s | | |
| Lock Condition: OK Repair Required: | | | | | | | | | | |
| Inner Casir | ng Condition | : | (C)K | | Repair Rec | quired: | | | | |
| Surface Se | al Condition |): | (DK) | | Repair Rec | | | | | |
| Other: | | · · · · · · · · · · · · · · · · · · · | ОК | | Repair Red | quired: | | | | |
| | | | | Purge Info | | | | | | |
| Purging Me | | Stainless Steel | | Peristaltic Pu | | Grundfos Pu | тр | Tellon Bailer | | |
| Place an X | in one box | Polyethylene Ba | iller | Bladder Pup | | Other: | | | | |
| Amount Pu | rged: 4 ~ | ラベン(ing (TOR ft.) | 261 | Flow Rate | (mL per mi | nute: 15 | 10 my free | 2 | | |
| Comments | | ing (TORTL) | 6,66 | | | | | | | |
| Commicino | · | | ······································ | Sampling | Informatio | n | | | | |
| Date: 4/15 | / ICI | Time Sample | ed: 19945 | | momany | Field Pers | onnel: | R C Becken | | |
| Measured \ | Water Level | (TOR ft) 19 | .60 | <u> </u> | | 1 1010 1 010 | omici. | Tr O Decident | | |
| Sampling N | /lethod | Stainless Steel | | Peristaltic Pu | mp | Grundios Pu | mo | Teflon Bailer | | |
| place an X | | Polyethylene Ba | iler (| Bladder Pum | | Other: | | <u> </u> | | |
| | Temperalure | pН | Conductivity | Dissolved | Redox | Water | Turbidity | Flow Rate | | |
| Elapsed min. | | | | Oxygen | | Level | | | | |
| <u> </u> | 11,60 | 5.69 | 3.06 | 0.0 | -249 | 19.63 | 61.5 | 1-160m1/min | | |
| 10 | 10.87 | 5.92 | 1.99 | 0.0 | -148 | 19.66 | 31.9 | • | | |
| 15 | 10.82 | 6.00 | 1.76 | 0.0 | -243 | 19.66 | 25.7 | ~150 ~1/~~ | | |
| 20 | 10.81 | 6.11 | 1.66 | 0.0 | -244 | 19:66 | 18.9 | | | |
| 25 | 70.77 | 6,17 | | | - 247 | 19,06 | | | | |
| | | | | 0.6 | | | 11.1 | | | |
| 30 | 10.85 | 6.21 | 1.65 | 0.0 | -255 | 19.66 | 5.6 | | | |
| 35 | 10.36 | 6,24 | 1.60 | 0.0 | -261 | 19.66 | 4.7 | | | |
| 35 46 | 16.86 | 6.27 | 1.64 | 0.6 | - 268 | 19.66 | 0.5 | | | |
| 45 | 16.87 | 6.30 | 1.67 | 0.0 | -271 | 19.66 | Ó | | | |
| 50 | 10.87 10.89 | 6.31 | 1,67 | 0.0 | -277 | 19.66 | 0 | | | |
| 34 | 10.90 | 6.31 | 1,67 | 0.6 | -274 | 19.66 | | | | |
| 60 | | | | | | 1000 | <u> </u> | | | |
| 60 | 10-92 | 6.32 | 1.67 | 0.0 | -276 | 19.66 | O | | | |
| | | | | | | | | 8 | | |
| | | | | | | | | | | |
| | | | | <u> </u> | <u> </u> | | | | | |
| QA/QC Sar | mples Taker | n: | | | | | | | | |
| Comments | HIKalini | ty as CaCC |), 5280 m | | 17625 /10 | ~ = 2.1 | , my/c | mace white to a second | | |
| 0 | | | | Signature | | | , | | | |
| Sampler (P | rint) | | Sampler (s | ignature): | | | | | | |
| Richard C. | Becken | | tio | | alu. | | | Date: 4/15/09 | | |
| | | | | | | | | 2000 | | |
| | | | | | | | | | | |

Monitoring Well I.D.: Date: 4/14/09 Time Started: 1215 Field Personnel: RCB Weather Conditions: Time Ended: Comments: Initial Readings Measured Well Bottom (TOR-ft) Riser Pipe Diameter (in.) 2 Measured Water Level (TOR-ft) 1635 One Well Volume (gal.) Notes: Well Condition Well Riser Type Stainless Steel Carbon Steel PVC Casing Condition: OK Repair Required: Cap Condition: OK Repair Required: Paint Condition: QK Repair Required: Lock Condition: OK) Repair Required: Inner Casing Condition: (OK) Repair Required: Surface Seal Condition: OK) Repair Required: Other: OΚ Repair Required: Purge Information Purging Method: Stainless Steel Baller Peristaltic Pump Grundfos Pump Teflon Bailer Place an X in one box Polyethylene Bailer Bladder Purap Other: Amount Purged: 2.2 4ak Flow Rate (ml. per minute: - /45 Water Level after Purging (TOR ft.) 15,억1 Comments: Sampling Information Date: Վ/ւվ եց Time Sampled: Measured Water Level (TOR ft) ၂ է . Վ լ Field Personnel: R C Becken Sampling Method Stainless Steel Bailer Peristaltic Pump Grundfos Pump Teflon Bailer place an X in box Polyethylene Bailer Riadder Pump Other: Time Temperature pН Conductivity Dissolved Redox Water Turbidity Flow Rate Elapsed min Oxygen Level 11.02 6.44 57.5 233 0.0 221 16.34 -150 ml 10.97 237 10 -239 0.0 58.0 -248 /5 11.06 6.35 2.29 0.0 16.4 96.0 20 10.90 6.34 2-16 -251 0.0 44.1 25 33 11.00 2.04 -251 0.0 32.4 16.41 30 10.99 6.33 1.91 -252 0.0 16.41 31.9 35 6.32 -252 11:00 1.80 0.0 16,41 10.99 'to 6.31 1.73 - 251 16.41 17.7 11.05 6.32 1.67 -251 0.0 16.41 12.3 50 6.32 -251 11.08 $O \cdot O$ 16.41 74 11.09 6132 0.0 -251 16.41 12.5 1110 -251 60 6131 ٦ 16.41 0.0 QA/QC Samples Taken: Comments: Alkalinity as Calas 280 mall Ferrows Iron = .2 12 Signature Sampler (Print) Sampler (signature): Richard C. Becken Date:

| | | | | MONITORING | &M Enterprises WELL SAMPLII BP, Sanborn, N | NG FIELD FORM | | | |
|--------------------------|--------------------|--|---|-----------------------|---|---|--------------------------|-------------------|---------------------------------------|
| | ell I.D.: 18-21 | | T | | T | - F21 911 | 45 <u>1</u> 0t 2530t 000 | <u> </u> | |
| Monitoring We | | L | Date: 4/20/ | 0,1 | Time Started: | 1000 94'5 Fie | eld Personnel: | RC Becken | |
| Weather Cond | illions: /۱۹ル | tram w | moly | | | | | | · · · · · · · · · · · · · · · · · · · |
| Comments: | | | | | | | | | |
| | | | *************************************** | | f : 121-1 70 alle- | | | | |
| | " D-"- (TOD | ft) 26 | . 16 | | Initial Reading | | | | |
| | II Bottom (TOR - | " | | | Riser Pipe Dia | | | | |
| | ter Level (TOR - | | | | | actor (gal/lineal ft) | 1.25" = 0.08 | 3"=1 | |
| | ater Column Heig | 2.587 | 28 | | (Circle One) | mes (gals.) | 4" = 0.66 | 6" = 1.50 8" = : | 2.60 |
| One Well Volu | me (gais.) 🚣 | <u>. 10 1</u> | | | FiveWell Volun | nes (gals.) | > | | |
| Notes: | | | - | 1 | Mall Candidia | | | | |
| Mall Digar Tup | - (Cirola ana): | | Winink | ess Steel | Well Condition | | | | |
| Well Riser Typ | | 47 | 1 | | Carbo | on Steel | PVC | | |
| Casing Conditi | | <u>€</u> | Repair Require | | | | | | |
| Cap Condition: | | OK) | Repair Require | | | | | | |
| Paint Condition | | OK OK | Repair Require | | | | | | |
| Lock Condition | | | Repair Require | | | | | | |
| inner Casing C | | | Repair Require | | | | | | |
| Surface Seal C Other: | Condition: | OK) | Repair Require | <u>;d:</u> | | | | | |
| Outer. | - | | | В. | 1 | • | | | |
| Duraina Matha | - /Circle one): | | 04-1-1 | | urge Informat | | | | |
| Purging Methor | a (Circle one): | | | Steel Bailer | | Itic Pump | | mping Wells Only) | |
| | Well | 6 11-1-1 | CONTROL OF STREET | n Bailer | <polyethyli i<="" td=""><td>lene-Baiter Oth</td><td>ier.</td><td></td><td></td></polyethyli> | lene-B a iter Oth | ier. | | |
| | | Gallons | Temperature | Specific | Turbidity | | | | |
| | Valume | Purged * | | Conductivity | Al . | | Comments | | |
| | 2.87 | (gal) ~-3 | (deg C) 4ዓ. ያ | (mS/cm) /- 058 | (NTUS) 763 | | | | |
| | 2.01 | ~6 | | | | | | | |
| | | ~9 | 50.7 | 1.22 | 937 | | | | |
| | | | 50.3 49.9 | 1.26 | 915 | | | | |
| | | ~12 | 47.5 | 1:60 | 425 | | | | |
| | <u> </u> | | | | <u> </u> | | | | |
| ^ | | | | | <u> </u> | | | | |
| Comments: | | TOTAL TECHNISM | | | | | | | ma |
| - ulask | | | | 1 | npling Informa | ation | | | |
| Date: 4/20/0 | | Time Sampled: | 1030 | Field Personne | al: | R C Becken | | | |
| | er Level (TOR ft.) | 10.95 | | | | | | | |
| Sampling Metho | od (Circle one): | | | Steel Bailer | Peristalli | | Sample Port (Pur | mping Welis Only) | |
| | | | Philipping and the property of the party of | n Bailer | Rolyethyle | ene Bailec Oth | er. | | |
| | Sample I.D. | Temperature | pН | Specific Conductivity | Turbidity | | Comments | #(B) \delta | |
| | B-21 | (deg C) 니독.ㄱ | (s.u.) 7,-24 | (mS/cm) ルンし | (NTU's) | 10 (10 (10 (10 (10 (10 (10 (10 (10 (10 (| <u> </u> | | |
| | الم دلا | 50 (.) | 1.040 | 1, 7, | 373 | | | | |
| | - | | | | | | | | |
| | | | | | | . <u>. </u> | | | |
| QA/QC Sample | Takan MS | + MSD | | | | | | | |
| Comments: | Staken. #13 | * 1112M | | | | | | | |
| | | | | | | | | | |

Şignature

Sampler (signature):

Sampler (Print):

Richard C. Becken

Date: 4/20/09

| 3 | | | | | | | | |
|--|--|--|--|--|---|---|--|-------------------------|
| Monitorin | ng Well I.D.: | B-22. | | Date: U/ | 26/09 | Time Sta | arted: /03 5 | Field Personnel: RCB |
| Weather | Conditions: | light 1 | àr. | *,- | | Time En | | Total Coomes. NOS |
| Commen | its: | | | | - | 67 | | |
| | | | | Initial Re | andings | | | |
| Measured | d Well Botto | m (TOR-ft) | 35.9 | miner N | aumys | Ricer Dir | oe Diameter (| - 1 |
| | | | | | | i gaei til | oe Diameter (| m.) <u>/</u> |
| Measured | d Water Lev | el (TOR-ft) | 24.35 | | | One We | ll Volume (gal | n 4-14 |
| Notes: | | | | | | | 1,50 | .7 |
| | | | | | | | | |
| Well Rise | r Tyne | T | 181 | -Well Cor | | | PVC | |
| Continue Carbon Steel | | | | | | | | |
| Cap Cond | | | (DK) | | Repair R | | | |
| aint Con | | | OK OK | | Repair R | | | |
| ock Cond | dition: | | OK OK | | Repair R | | | |
| nner Cas | ing Conditio | n: | QK | | Repair R | | | |
| | eal Conditio | n: | QD | | Repair R | | | |
| Other: | | | OK | | Repair R | equired: | | |
| | | | | Purge Inf | ormation | <u> </u> | ····· | |
| orging M | lethod: | Stainless Stee | el Baller | Peristaltic P | | Grundfos Pi | IMP | Tallac D. II |
| Place an) | K in one box | Polyethylene I | Bailer | Stadder Pug | ap . | Other: | 31143 | Teflon Bailer |
| Amount Po | urged: ~/ | 15 gal | | | | inute: ~/ | 60 m/ m | |
| vater Lev | el after Pur | ging (TOR ft. |) 24.45 | | | | 17.1.00 | |
| Comments | s: | | | | | | | |
| Date!#/20 | . / | Tame Tame | | Sampling | Informati | on | | |
| Apprison | 10/2021 | Time Samp | | | | Field Pers | sonnel: | R C Becken |
| neasureu | Water Leve | (TOR II) | 24.45 | | | | | |
| | | 1- | | T | | | | |
| lace an X | Method | Stainless Stee | | Peristallic Pu | ımp | Grundfos Pu | тр | Teflon Bailer |
| lace an X | in box | Polyetnylene E | Baller , | Bladder Pom | р | Grundfos Pu Other: | тр | Teflon Bailer |
| lace an X | In box Temperature | | | Bladder Pyri Dissolved | p Redox | Other: | mp Turbidity | Teflon Bailer Flow Rate |
| lace an X Time lapsed min. | In box Temperature | Polyethylene E pH | Gonductivity | Bladder Porn Dissolved Oxygen | P Redox | Other: Water Level | Turbidity | |
| lapsed min. S | In box | Polyethylene E | Conductivity | Dissolved Oxygen -55 | Redox | Other: Water | | Flow Rate |
| place an X Time lapsed min. | In box Temperature [O, 6] | Polyethylone E pH 5.87 6.03 | Conductivity 1.44 | Bladder Poyn Dissolved Oxygen -55 | P Redox | Other: Water Level | Turbidity 29 | |
| Place an X Time Elapsed min. \$ /0 /5 | in box Temperature 10,67 10,8 10,75 | Polyethylene E pH 5.89 6.03 6.13 | Conductivity | Bladder Poyn Dissolved Oxygen -55 | Redox -171 -190 | Other: Water Level 24.45 | Turbidity 29 19.1 | Flow Rate |
| lace an X Time lapsed min. 5 | In box Temperature [O, 6] | Polyethylone E pH 5.87 6.03 | Faller Conductivity 1.44 1.43 | Bladder Ptym Dissolved Oxygen • 55 | P Redox -(7) -(9) -(8) | Other: Water Level 24.45 24.45 | 79 19.1 20.1 | Flow Rate |
| Time (lapsed min. | 10.67 10.81 10.75 10.74 | Polyethylene E pH 5.89 6.03 6.13 6.17 | Galler Conductivity 7.44 7.43 7.45 | Dissolved Oxygen -55 | P Redox ~17 -190 ~181 775 | Other: Water Level 24.45 24.45 24.45 | 79 19.1 20.1 20.4 | Flow Rate |
| Idace an X Time Idapsed min. 5 /0 /5 20 | 10.67 10.87 10.75 10.74 16.72 | Polyethylene E pH 5.89 6.03 6.13 6.17 6.20 | Gonductivity I, 44 I, 43 I, 45 I, 45 I, 45 | Bladder Poyn Dissolved Oxygen -55 C | P Redox -171 -190 -181 -175 -166 | Other: Water Level 74.45 24.45 24.45 24.45 | 79 19.1 20.1 20.4 20.1 | Flow Rate |
| Idace an X Time Idapsed min. 5 /0 /5 20 25 | In box Temperature 10,67 10,8 10,75 10,74 16,72 16,67 | Polyethylene E pH 5.87 6.03 6.13 6.17 6.25 6.22 | Gonductivity I.44 I.45 I.45 I.45 | Dissolved Oxygen -55 -5 -5 -5 -5 -5 -5 -5 -5 -5 -5 -5 -5 | P Redox ~17 -190 ~181 775 | Other: Water Lavel 24.45 24.45 24.45 24.45 24.45 24.45 | 79 19.1 20.1 20.4 | Flow Rate |
| lace an X Time lapsed min. 5 /0 /5 20 25 30 35 | 10.67 10.67 10.81 10.75 10.74 16.72 16.67 10.81 | Polyethylene E pH 5.89 6.03 6.13 6.17 6.25 6.22 | Gonductivity I.44 I.43 I.45 I.45 I.45 I.45 I.45 | Bladder Poyn Dissolved Oxygen -55 C | P Redox -17 -190 -181 -175 -166 -145 -145 | Other: Water Level 24.45 24.45 24.45 24.45 24.45 24.45 | 79 19.1 20.1 20.4 20.1 | Flow Rate |
| lace an X Time lapsed min. 5 /0 /5 20 25 | In box Temperature 10,67 10,8 10,75 10,74 16,72 16,67 | Polyethylene E pH 5.87 6.03 6.13 6.17 6.25 6.22 | Gonductivity I.44 I.45 I.45 I.45 | Dissolved Oxygen -55 -5 -5 -5 -5 -5 -5 -5 -5 -5 -5 -5 -5 | P Redax (7) | Other: Water Level 24.45 24.45 24.45 24.45 24.45 24.45 | 79 /9.1 20.1 20.4 20.1 18.1 17.9 | Flow Rate |
| lace an X Time lapsed min. 5 /0 /5 20 25 30 35 | 10.67 10.67 10.81 10.75 10.74 16.72 16.67 10.81 | Polyethylene E pH 5.89 6.03 6.13 6.17 6.25 6.22 | Gonductivity I.44 I.43 I.45 I.45 I.45 I.45 I.45 | Dissolved Oxygen - 55 | P Redox -17 -190 -181 -175 -166 -145 -145 | Other: Water Level 24.45 24.45 24.45 24.45 24.45 24.45 | 79 19.1 20.1 20.4 20.1 18.1 | Flow Rate |
| lace an X Time lapsed min. 5 /0 /5 20 25 30 35 | 10.67 10.67 10.81 10.75 10.74 16.72 16.67 10.81 | Polyethylene E pH 5.89 6.03 6.13 6.17 6.25 6.22 | Gonductivity I.44 I.43 I.45 I.45 I.45 I.45 I.45 | Dissolved Oxygen - 55 | P Redox -17 -190 -181 -175 -166 -145 -145 | Other: Water Level 24.45 24.45 24.45 24.45 24.45 24.45 | 79 /9.1 20.1 20.4 20.1 18.1 17.9 | Flow Rate |
| lace an X Time lapsed min. 5 //0 //5 2-0 2-5 3-0 3-5 | 10.67 10.67 10.81 10.75 10.74 16.72 16.67 10.81 | Polyethylene E pH 5.89 6.03 6.13 6.17 6.25 6.22 | Gonductivity I.44 I.43 I.45 I.45 I.45 I.45 I.45 | Dissolved Oxygen - 55 | P Redox -17 -190 -181 -175 -166 -145 -145 | Other: Water Level 24.45 24.45 24.45 24.45 24.45 24.45 | 79 /9.1 20.1 20.4 20.1 18.1 17.9 | Flow Rate |
| lace an X Time lapsed min. 5 //0 //5 2-0 2-5 3-0 3-5 | 10.67 10.67 10.81 10.75 10.74 16.72 16.67 10.81 | Polyethylene E pH 5.89 6.03 6.13 6.17 6.25 6.22 | Gonductivity I.44 I.43 I.45 I.45 I.45 I.45 I.45 | Dissolved Oxygen - 55 | P Redox -17 -190 -181 -175 -166 -145 -145 | Other: Water Level 24.45 24.45 24.45 24.45 24.45 24.45 | 79 /9.1 20.1 20.4 20.1 18.1 17.9 | Flow Rate |
| lace an X Time lapsed min. 5 //0 //5 2-0 2-5 3-0 3-5 | 10.67 10.67 10.81 10.75 10.74 16.72 16.67 10.81 | Polyethylene E pH 5.89 6.03 6.13 6.17 6.25 6.22 | Gonductivity I.44 I.43 I.45 I.45 I.45 I.45 I.45 | Dissolved Oxygen - 55 | P Redox -17 -190 -181 -175 -166 -145 -145 | Other: Water Level 24.45 24.45 24.45 24.45 24.45 24.45 | 79 /9.1 20.1 20.4 20.1 18.1 17.9 | Flow Rate |
| lace an X Time lapsed min. 5 //0 //5 2-0 2-5 3-0 3-5 | 10.67 10.67 10.81 10.75 10.74 16.72 16.67 10.81 | Polyethylene E pH 5.89 6.03 6.13 6.17 6.25 6.22 | Gonductivity I.44 I.43 I.45 I.45 I.45 I.45 I.45 | Dissolved Oxygen - 55 | P Redox -17 -190 -181 -175 -166 -145 -145 | Other: Water Level 24.45 24.45 24.45 24.45 24.45 24.45 | 79 /9.1 20.1 20.4 20.1 18.1 17.9 | Flow Rate |
| lace an X Time lapsed min. 5 //0 //5 2-0 2-5 3-0 3-5 | 10.67 10.67 10.81 10.75 10.74 16.72 16.67 10.81 | Polyethylene E pH 5.89 6.03 6.13 6.17 6.25 6.22 | Gonductivity I.44 I.43 I.45 I.45 I.45 I.45 I.45 | Dissolved Oxygen - 55 | P Redox -17 -190 -181 -175 -166 -145 -145 | Other: Water Level 24.45 24.45 24.45 24.45 24.45 24.45 | 79 /9.1 20.1 20.4 20.1 18.1 17.9 | Flow Rate |
| lace an X Time lapsed min. 5 /0 /5 23 25 30 35 Yo | In box Temperature 10.67 10.81 10.75 10.74 16.72 16.67 10.81 10.79 | Polyethylene E pH 5.89 6.03 6.13 6.17 6.20 6.22 6.24 6.23 | Gonductivity I.44 I.43 I.45 I.45 I.45 I.45 I.45 | Dissolved Oxygen - 55 | P Redox -17 -190 -181 -175 -166 -145 -145 | Other: Water Level 24.45 24.45 24.45 24.45 24.45 24.45 | 79 /9.1 20.1 20.4 20.1 18.1 17.9 | Flow Rate |
| lace an X Time lapsed min. 5 /0 /5 23 35 30 35 Yo | In box Temperature 10,67 10,8 10,75 10,74 16,72 16,67 10,8 10,79 10,79 10,79 10,79 | Polyethylene E pH 5.87 6.03 6.13 6.17 6.20 6.22 6.23 | Gonductivity I.44 I.43 I.45 I.45 I.45 I.45 I.45 | Dissolved Oxygen - 55 | P Redox -17 -190 -181 -175 -166 -145 -145 | Other: Water Level 24.45 24.45 24.45 24.45 24.45 24.45 | 79 /9.1 20.1 20.4 20.1 18.1 17.9 | Flow Rate |
| lace an X Time lapsed min. 5 /0 /5 23 35 30 35 Yo | In box Temperature 10,67 10,8 10,75 10,74 16,72 16,67 10,81 10,79 | Polyethylene E pH 5.89 6.03 6.13 6.17 6.20 6.22 6.24 6.23 | Aniler Conductivity ハリリ ハリリ ハリド ハリド ハリド ハリド ハリド ハリ | Bladder Phyn Dissolved Oxygen - 75 C C C C C C C C C C C C C C C C C C | P Redax -(7) -(90) -(8) -(75) -(16) -(175) -(16) -(145) -(145) -(145) -(145) | Other: Water Level 24.45 24.45 24.45 24.45 24.45 24.45 24.45 | 79 /9.1 20.1 20.4 20.1 18.1 17.9 | Flow Rate |
| lace an X Time lapsed min. 5 /0 /5 23 30 35 30 XQC Samonments: | in box Temperature O,67 O,8 O,75 O,74 S,72 S,67 O.8 O.79 Inples Taken A/K = 3 | Polyethylene E pH 5.87 6.03 6.13 6.17 6.20 6.22 6.23 | Adler Conductivity AUU AUS AUS AUS AUS AUS AUS AUS AUS | Bladder Payn Dissolved Oxygen -55 -6 -6 -6 -6 -7 -7 -7 -7 -7 -7 -7 -7 -7 -7 -7 -7 -7 | P Redax -(7) -(90) -(8) (75) -(16) -(145) -(145) -(145) -(145) | Other: Water Level 24.45 24.45 24.45 24.45 24.45 24.45 24.45 | 79 /9.1 20.1 20.4 20.1 18.1 17.9 | Flow Rate |
| Nace an X Time Elapsed min. 5 /0 /5 23 30 35 90 AVQC Sample min. AVQC Sample min. | in box Temperature O,67 O,8 O,75 O,74 S,72 S,67 O.8 O.79 Inples Taken A/K = 3 | Polyethylene E pH 5.89 6.03 6.13 6.17 6.20 6.22 6.23 | Aniler Conductivity AUU AUS AUS AUS AUS AUS AUS AUS AUS AU | Bladder Poyn Dissolved Oxygen - 75 O O O O O O O O O O O O O O O O O O | P Redax -(7) -(90) -(8) (75) -(16) -(145) -(145) -(145) -(145) | Other: Water Level 24.45 24.45 24.45 24.45 24.45 24.45 24.45 | 79 /9.1 20.1 20.4 20.1 18.1 17.9 | Flow Rate |
| AVQC Samommelts: | in box Temperature | Polyethylene E pH 5.89 6.03 6.13 6.17 6.20 6.22 6.23 | Sampler (signal state of the st | Dissolved Oxygen -55 - O O O O O O O O O O O O O O O O O | P Redax -171 -190 -181 -175 -166 -145 -145 -145 | Other: Water Level 24.45 24.45 24.45 24.45 24.45 24.45 24.45 | 79 /9.1 20.1 20.4 20.1 18.1 17.9 | Flow Rate |
| lace an X Time lapsed min. 5 /0 /5 23 30 35 30 XQC Samonments: | in box Temperature | Polyethylene E pH 5.89 6.03 6.13 6.17 6.20 6.22 6.23 | Sampler (signal state of the st | Bladder Poyn Dissolved Oxygen - 75 O O O O O O O O O O O O O O O O O O | P Redax -171 -190 -181 -175 -166 -145 -145 -145 | Other: Water Level 24.45 24.45 24.45 24.45 24.45 24.45 24.45 | Turbidity 79 /9.1 20.1 20.4 20.1 18.1 17.9 /4.2 | Flow Rate |

| | | | LOW-FI | OW SAM | | FIELD FO | | |
|------------------------|---------------|----------------|--------------|---------------------|------------|-----------------|-----------------|---|
| | | | | | BP, Sanbo | | | |
| Monitorin | g Well I.D.: | B-23 | | Date: 4 | | Time Sta | arted: 0840 | Field Personnel: RCB |
| Weather | Conditions: | Sknhy | cool | | | | ded: 0935 | |
| Comment | | ` | | | | - | | |
| Moneurec | d Well Bottor | - /TOD (N) | 7, 3.3 | Initial Re | adings | | | |
| | | | 31.61 | | | Riser Pip | e Diameter (i | n.) 2 |
| Measured Notes: | i Water Leve | el (TOR-ft) | 21.88 | | <u> </u> | One Wei | ll Volume (gal. |) 1.66 |
| | · | | | Well Con | dition | | | |
| Well Rise | | T | Stainless | Steen | Carbon S | iteel | PVC | |
| Casing Co | | | OK) | | Repair Re | equired: | 11 | |
| Cap Cond | | | OK, | | Repair R | | | |
| Paint Con Lock Con | | | OK) | | Repair Re | | | |
| | ing Conditio | n· | (OK) (OK) | | Repair Re | | | |
| Surface S | eal Conditio | | OK) | | Repair Re | | | |
| Other: | | | OK | | Repair Re | | | |
| | | | | Purge Inf | | | | - ANALYSIA |
| Purging M | | Stainless Stee | | Peristaltic Pu | ımp | Grundfos P | итр | Teflon Bailer |
| Place an 2 | X in one box | Polyethylene E | 3ailer < | Bladder Pump Other: | | | | |
| Amount P | | ' /TAD # | 1 | Flow Rate | (mL per m | iinute: | 200 ml/n | ~ |
| vvater Lev Comment: | | ging (TOR ft. |) 21.50 | | | | 4 | |
| Commicia | S | | | Compline | 1-F | | | |
| Date: 0/8 | ing | Time Samo | led: 0930 | Sampuny | Informatio | on Field Pen | | D O D |
| Measured | Water Leve | (TOR ft) | 1.1.90 | | | Trielu rei | sonner: | R C Becken |
| Sampling | Method | Stainless Stee | | Peristaltic Pu | mp | Grundfos Pu | gmi | Teflon Bailer |
| place an X | | Polyethylene E | | Bladder Pum | | Other: | -111- | TOTO ALAIG |
| Time | Temperature | pН | Conductivity | Dissolved | Redox | Water | Turbidity | Flow Rate |
| Elapsed min. | | | | Oxygen | | Level | | |
| 5 | 10.77 | 5.32 | 0.904 | 0.0 | -18 | 21.89 | 15.4 | -200 ml/m |
| 15 | 10.68 | 6.14 | 0.904 | 0.0 | -39 | 21.90 | 10.7 | |
| | 10.71 | 6.27 | 0.904 | 0.0 | -31 | 21.90 | 13-9 | |
| مد | 10.71 | 1.37 | 0.902 | 7.44 | -16 | 2190 | 6.3 | |
| 25 | 10.70 | 6,43 | 0.818 | 3.12 | -14 | 21,90 | 5.2 | |
| 30 | 10.74 | 6.49 | 0.894 | 3.29 | -13 | | | |
| 35 | 10.72 | 6.51 | 0.854 | 3.38 | -13 | 21.90 | 117 | |
| Ffc) | 10.73 | | 6.892 | | | 21,90 | ich | |
| | Ţ | 6152 | | 3.75 | -13 | 21.90 | <u>.</u> | |
| 45 | 10.77 | 6,53 | 0.891 | 3.23 | -12 | 21.90 | ව | |
| | | | <u> </u> | | | | | |
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| | | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |
| A/QC Sar | mples Taker | 1: | | | | | | |
| Comments | : Alkalinit | gas Ca Co | N = 280 P | سوار | FRIPOUS 1 | fron = n | 3 male | |
| | | | | Signature | | | | |
| Sampler (P | rint) | | Sampler (si | gnature): | | | | |
| liahard C | Danke- | | Kel. | 0, | RI | ***** | | . , 43, |
| lichard C. | рескел | | | | Beiler | <u> </u> | | Date: 🗸 🗷 🗷 |

| | | | | | M Enterprises WELL SAMPLII BP, Sanborn, N | NG FIELD.FO | ORM . | | | |
|------------------|---|---|---|-------------------------------------|---|---|----------------------------|---|--|---|
| Monitoring Wel | un 6.14 | | Date: 4 13 | A/) | Time Started: | 1145 | le | | | |
| Weather Condi | | les Look | Ingle: 11151 | 0.1 | Time Started: | 1117 | Field Pers | onnei: | RC Becken | |
| Comments: | mons. | | | | | | | | | |
| | | | | | | | | | | |
| | ,, <u>, , , , , , , , , , , , , , , , , ,</u> | | | 1 | nitial Readin | qs | | | | *************************************** |
| Measured Well | Bottom (TOR - | ft) 3/2.61 | | | Riser Pipe Dia | · · · · · · · · · · · · · · · · · · · | 2 in. | | | |
| Measured Water | er Level (TOR - | m) 10.05 | | | Conversion Fa | | | 1,25" = 0,08 | 2 = 0.17 | 3" = 0.38 |
| Calculated Wal | ter Column Heig | aht (ft) ib 5 | G | | (Circle One) | | | 4" = 0.66 | 6"= 1.50 | 8" = 2,60 |
| One Well Volur | me (gals.) | 1.8 | | | FiveWell Volur | nes (gals.) | 14 | | | |
| Notes: | | | | | | | • | | | |
| | · · | | | | Vell Conditio | ns | | | | |
| Well Riser Type | e (Circle one): | · · · · · · · · · · · · · · · · · · · | Stainle | ss-Steel | Carbo | n Steel | | PVC | | , |
| Casing Condition | on: | OK) | Repair Require | ed; | | | | | | |
| Cap Condition: | | Ŏĸ, | Repair Require | ed: | | | | | | |
| Paint Condition | : | <u>(k)</u> | Repair Require | ed: | | | | | | |
| Lock Condition: | | Ş. | Repair Require | ed: | | | | | | |
| Inner Casing Co | | <u> </u> | Repair Require | | | | | | | |
| Surface Seal C | ondition: | (6K) | Repair Require | ed; | | | | | | |
| Other: | | | | | | | | | | |
| D | | | | | rge Informat | | | | | |
| Purging Method | (Circle one): | | | Steel Bailer | | tic Pump | | Sample Port (P | umping Wells C | inly) |
| | Well | Gallons | Property Consequences and a second con- |) Bailer | leaven our care consistence of the | lene Bailer | Other: 🙉 | ires Print | • | |
| | Volume | Purged (gal) | Temperature (deg C) | Specific Conductivity (mS/cm) | Turbidity (NTU's) | | (| Comments | | |
| | 2.8 | - 3 | 43.3 | 1.09 | 12.5 | Ave. A. 1905 (Bartle Av | výstu komištovali tilgovat | | | |
| | J 17 13 | ~6 | 48.2 | 1.03 | 6.03 | | | | | |
| | | 1.5 4 | 47.7 | 1.00 | 4.8 | | | | | - |
| | | ~12 | 17.6 | 1.00 | 3.64 | | | | | |
| | | | | 7.37(| | | | | | |
| | | *************************************** | | <u> </u> | | 1_, | | · · · · · · · · · · · · · · · · · · · | | |
| Comments: | | | | | I | | | | | |
| | | | | Sam | pling Inform | ation | 777777 | 21 00 00 00 00 00 00 00 00 00 00 00 00 00 | THE STATE OF THE S | |
| Date: 4[13] | 91 | Time Sampled | 1215 | Field Personne | | R C Becken | | | | |
| Measured Wate | | | | | | | | | | *** |
| Sampling Metho | od (Circle one): | | Stainless \$ | Steel Bailer | Peristel | lic.Rump | | Sample Port (P | umping Wells O | niv) |
| | | | Teflon | Bailer | (Polyethy) | ene Bäller | Other: | | | |
| | Sample I,D. | Temperature | рH | Specific Conductivity | Turbidity | | G | Comments | | |
| | B-24 | (deg:C) 号しろ | 7.57 | (mS/cm) ().47 | (NTU's) {>{.\ | | | | | - |
| | | | | | - | | | | | |
| QA/QC Sample: | s Taken: | ixla De | ラルト | <u> </u> | · | · · · · · · · · · · · · · · · · · · · | | | | |
| Comments: | | | 1 | | | | | | | |
| | | | | | Signature | *************************************** | | ~ ~ ~ ~ | | |
| | | | | | | 00 | \bigcirc | | 1 | |
| Sampler (Print): | W | Richard C. Bec | ken | Sampler (signa | ture): | and | - Beer | ** | Date: | |

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

| | | | | | | ACRES OF A PAGE | | |
|-----------------|---|--|--|--|--|---|---|--|
| | Date: 4/20/0 |)% | Time Started: | 0900 | Field Perso | onnel: | RC Becken | |
| t ram | wondy | | | | | | | |
| |) | | | | | · · · · · · · · · · · · · · · · · · · | | |
| | | | | · · · · · · · · · · · · · · · · · · · | minute market | | | |
| 30. | | En | | | | | | |
| | | | | | | | <u> </u> | |
| // / | <u> </u> | | 3. | ctor (gal/linea | ft) | | | 3" = 0.38 |
| ** 1 | <i>P</i> | | | | <u>~</u> 1 | 4" = 0.66 | 6" = 1,50 | 8" = 2.60 |
| <u> ځو</u> | | <u> </u> | FiveWell Volun | nes (gals.) | <u> 2.1 </u> | | | |
| <u></u> | | | fell Condition | ne | | | | |
| | dininla. | | | | | PVC: | | |
| ΩV) | | | Calpu | ii oteei | | 1 10 | | |
| | 1 | | Š. | | | | | |
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| | 1 | | | | ···· | | | |
| <u>6</u> | 1 | | | | | | | |
| | | | | | | | | |
| | | Pu | rge Informat | ion | | | | |
| | Stainless : | Steel Bailer | Peristal | tic Pump | | Sample Port (Pi | umping Wells Or | nly) |
| | Teflor | Bailer | Polyethy | ene Baller | Other: | | | |
| (gal) (7.75 | (deg C) 53.5 | Specific Conductivity (mS/cm) | (NTU!s) 1000 + | | i | Comments. | | White processing the state of t |
| -9 -7 | 51.3 51.8 | 112 | 3,59 | | | | | |
| | | | | | | | · | |
| | | | | | | | | |
| | :07H6 | Field Personne | l: | R C Becken | | | | |
|): 25.7 | | | | | | | | |
| | | | | | Olhan | Sample Port (P | umping Wells O | niy) |
| (deg C) | Teflor , pH (S.U.) V ,O8 | Specific Conductivity (mS/cm) | Potyethy Turbidity (NTU's) 298 | ene Bailer | | | 77 | |
| | · · · · · · · · · · · · · · · · · · · | | | | | | | |
| | | | Signature | | | dimension conse | | |
| Richard C. Bed | cken | Sampler (signa | | _0ر_ | Beile | | Date: 4/20 | 09 |
| | Gallons Purged (gal) -1.75 -3.5 -7 Time Sampled (deg C) 50-0 | Stainless Stainl | In (ft) 34.5 (i) 34.5 (ii) 7.5(-) (iii) 7.5(-) (iii) 9.5(-) (iii) 9 | Initial Reading Riser Pipe Diar Conversion Fait (Riser Pipe Diar Conversion Fait (Riser Pipe Diar Conversion Fait (Riser Pipe Diar Conversion Fait (Circle One) FiveWell Volun Well Condition Stainless Steel OK Repair Required: OK Repair Require | Initial Readings Riser Pipe Diameter (in) Conversion Factor (gal/linea (Circle One) Riser Pipe Diameter (in) Conversion Factor (gal/linea (Circle One) Riser Pipe Diameter (in) Conversion Factor (gal/linea (Circle One) FiveWell Volumes (gals.) Well Conditions Stainless Steel Repair Required: OK Repair R | Initial Readings Riser Pipe Diameter (in) 2 in. | Initial Readings Riser Pipe Diameter (in) 2 in. | Initial Readings Riser Pipe Diameter (in) 2 in. Conversion Factor (gal/lineal ft) 1,25° = 0.08 = 0.47° Corversion Factor (gal/lineal ft) 1,25° = 0.08 = 0.47° Corversion Factor (gal/lineal ft) 1,25° = 0.08 = 0.47° Corversion Factor (gal/lineal ft) 1,25° = 0.08 = 0.47° Corversion Factor (gal/lineal ft) 1,25° = 0.08 = 0.47° Corversion Factor (gal/lineal ft) 1,25° = 0.08 = 0.47° Corversion Factor (gal/lineal ft) Corv |

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

| = | | licer of street and | 44 | 200000 | 10 40 42 50 45 5 | | 1.5 | | | |
|---------------------|---|---------------------------------------|--|-------------------------------------|--|---|-------------|---|----------------|---|
| Monitoring Well I.D | | | Date: 4/20 | 09 | Time Started: | 1200 | Field Perso | onnel: | RC Becken | |
| Weather Condition | ns: (/i | aut win | 40 ³ | | | | | | | |
| Comments: | | | | | | | | | | |
| | | · · · · · · · · · · · · · · · · · · · | | | | | | | | |
| | | | |] | nitial Readin | gs | | | | |
| Measured Well Bo | ttom (TOR - | ·ff) 41.21 | | | Riser Pipe Dia | meter (in) | 2 in. | | | |
| Measured Water L | | ·ft) 27.0 | 18 | | Conversion Fa | ictor (gal/line: | ıl ft) | 1.25" = 0.08 | 2"-0-17 | 3" = 0.38 |
| Calculated Water (| Column Hei | ght (ft) 13. | <u> 23 </u> | | (Circle One) | | | 4" = 0.66 | 6" = 1.50 | 8" = 2.60 |
| One Well Volume | (gals.) | 1.25 | | | FiveWell Volum | nes (gals.) | 11,25 | | | |
| Notes: | | W75 | | | | | | | | |
| | | | | | Vell Conditio | ns | | | | **** |
| Well Riser Type (C | | Stainle | ss Stoe | Carbo | n Steel | | PVC | | | |
| Casing Condition: | | OK) | Repair Require | ed; | | | | | | |
| Cap Condition: | | (P) | Repair Require | ed: | | | | | | · · · · · · · · · · · · · · · · · · · |
| Paint Condition: | | (OK) | Repair Require | ed: | | | | | | |
| Lock Condition: | | ₩ — | Repair Require | ed: | | | | | | |
| Inner Casing Cond | lition: | @ | Repair Require | ed; | | | | | | |
| Surface Seal Cond | lition: | ⊗ | Repair Require | ed: | | | | | | |
| Other: | | | | | | | | | | |
| | | | | Pu | ırge İnformat | ion | | | | |
| Purging Method (C | ircle one): | | Stainless | Steel Bailer | Peristaltic Pump | | | Sample Port (Pumping Wells Only) | | |
| | | | Teffor | n Bailer | Colyethyl | ene Bajler | Other: | | | |
| | Well Volume | Gallons Purged (gal) | Temperature (deg C) | Specific Conductivity (mS/cm) | Turbidity (NTU's) | | | omments' | | With the state of |
| | .25 | ~2.25 | 49.8 | 1.25 | 115 | | | | | |
| ļ | | ~ 4.50 | 50.2 | 1,22 | 43.2 | | | | | |
| | | ~ 6.75 | 50.1 | 1,20 | 46.2 | | | | | |
| <u></u> | | ~ 9 | 50・2 | 1,18 | 42.8 | | | | | |
| | | | | | | | | | | |
| | | | | | | | | | | |
| Comments: | · ************************************ | | | | | | | | | |
| | | | | Sam | pling Informa | ation | | | | |
| Date: 4/20/09 | | Time Sampled: | | Field Personne | <u> </u> | R C Becken | | | | |
| Measured Water Le | | .): | 28.1 | ما | | | | | | |
| Sampling Method (C | Circle one): | · · · · · · · · · · · · · · · · · · · | Stainless 8 | Steel Bailer | Peristalt | ic Pump | | Sample Port (Pu | mping Wells Or | ıly) |
| and district | State the Landscape of the State of the Co. | | Teflon | Bailer | Polyethyle | ane Bajler | Other: | | | |
| | Sample I.D. | Temperature (deg C) | рН (S.U.) | Specific Conductivity (mS/cm) | Turbidity (NTU's) | | , Çı | omments | | |
| 8 | -38 | 50.1 | 6,53 | 1,70 | 44,3 | NACCONTRACTOR NACCONTRACTOR NACCONTRACTOR NACCONTRACTOR NACCONTRACTOR NACCONTRACTOR NACCONTRACTOR NACCONTRACTOR | 77.000 | *************************************** | | |
| | | | | | | | | | | |
| A/QC Samples Ta | ken: | | | | | | | | W | ····· |
| Comments: | | | учени. | | | | | | | |
| | | | | | Signature | | | | | |
| ampler (Print): | | Dishard C. C. | | | | 0/- | ₽ 1 | | ,11 | |
| emper (cont): | | Richard C. Beck | en | Sampler (signat | urex 32.1 | <u></u> | Becker | | Date: 4/20/ | og |

| Monitoring | Well I.D.: | 15-39 | | Date: 4(16 | 109 | Time Start | ted: //40 | Field Personnel: RCB | | | | |
|--------------|---|-------------------------|----------------------|-----------------|------------|-----------------|------------------|---------------------------------------|--|--|--|--|
| Weather C | | 30MN- | (LV) | | , | Time Ende | ed: | | | | | |
| Comments | | | | | | | | | | | | |
| | | | | Initial Read | dings | | | | | | | |
| Measured \ | Well Bottom | (TOR-ft) 43 | | | | Riser Pipe | Diameter (in. |) 2 | | | | |
| | Water Level | (TOR-ft) | 2.15 | | | One Well | Volume (gal.) | 5.4 | | | | |
| Notes: | | | | | | | | | | | | |
| | | | | Well Cond | | | | | | | | |
| | Well Riser Type Stainless Steel Carbon Steel PVC Casing Condition: Repair Required: | | | | | | | | | | | |
| | | | QR) | | | | | | | | | |
| Cap Condi | | | ŎΚ. | | Repair Rec | | | - AMERICA | | | | |
| Paint Cond | | | ŌĶ. | | Repair Red | | | | | | | |
| Lock Cond | | (| ÇK | | Repair Red | | | | | | | |
| | ng Condition | | OK) | | Repair Rec | | | | | | | |
| | al Condition | : (| OR) | | Repair Rec | | | | | | | |
| Other: | | | OK | | Repair Red | quired: | | | | | | |
| D | - 11 d . | . | | Purge Info | | 1 | | | | | | |
| Purging Me | | Stainless Steel | | Peristattic Pur | | Grundfos Pu | mp | Teflon Bailer | | | | |
| | | Polyethylene Ba | iller < | Bladder Pemp | | Other: | 3.17. | | | | | |
| | irged: ~ 2 | | 13.4 | Flow Rate | (mr ber mi | nute: ~ / (| D ml/min | | | | | |
| Comments | | ing (TOR ft.) | 12,16 | | | | | | | | | |
| Comments | • | | | Comelin- | Informati- | n | *** | | | | | |
| Date: Cliv | 1- 2 | Time Cam-l | _ባ ል ነገነው. | Sampling | intormatio | n Field Pers | onnol: | D.C. Backen | | | | |
| Date: 4/10 | Matar Laura | Time Sample (TOR ft) 10 | tu: 12-155 | <u> </u> | | irieiu rers | uillei. | R C Becken | | | | |
| Sampling N | vvaler Level | Stainless Steel | | Peristaltic Pur | mn. | Grundios Pu | mn | Teflon Bailer | | | | |
| place an X | in hox | Polyethylene Ba | | Bladder Pump | | Other: | IIIP | Lickert Daller | | | | |
| | Temperature | pH | Conductivity | Dissolved | Redox | Water | Turbidity | Flow Rate | | | | |
| Elapsed min. | . 5,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,, | F,, | | Oxygen | .,,,,,,, | Level | 13.330, | · inci itala | | | | |
| 5 | 10.94 | 6.42 | 1.63 | 1,50 | 2 | 1216 | 125 | ~160 ml/m | | | | |
| | 10.62 | 6.27 | 1,62 | 0-0 | -4 | 12.16 | 180 | 1.65 | | | | |
| 10 | | 6.25 | | | -7 | | | | | | | |
| | 10.59 | | 1.60 | 0.0 | | 1216 | 159.0 | | | | | |
| 20 | 10.66 | 6.27 | 114 | 0.0 | <u> </u> | 12.16 | 81.0 | | | | | |
| 2 õ | 16,65 | 6.29 | 1.25 | 616 | 3_ | 1216 | 31.9 | | | | | |
| 30 | 10.68 | 6.29 | 1.20 | 0,0 | 6 | 12,16 | 17.9 | | | | | |
| 35 | 10-68 | 6.30 | 1.17 | 0.0 | <u>0</u> | 12.16 | il.9 | | | | | |
| iio | 10, 65 | 030ء | 1.17 | 0,0 | 8 | 12.16 | 6.7 | | | | | |
| 45 | | | 1 | | ्ठ | 1 | | · · · · · · · · · · · · · · · · · · · | | | | |
| 70 | 10,67 | 6.31 | 1,17 | 9.9 | <u> </u> | 12116 | 4.8 | | | | | |
| | | | | | | | | | | | | |
| | | | ļ | | | | | | | | | |
| | | | | | | | | | | | | |
| | | 1 | | | | | | | | | | |
| | | | | | | | | 445 V-1000 | | | | |
| | | | | | | | l | | | | | |
| QA/QC Sa | mples Take | n: | 1 | L | 1 | | 1 | | | | | |
| Comments | Alkalin | ity as (i) | 1. 243 1 | 4/L F0 | rrows le | m: A | mall | | | | | |
| | 1 History 140 | | (Now to the | Signature | | ·-· · · · · | 1-11- | | | | | |
| Sampler (F | Print) | | Sampler (s | ignature) | | | | | | | | |
| 1 | | | () |) / | | | | | | | | |
| Richard C. | Becken | | 1/40 | h_ V | CA | Lline | | Date: 4/16/09 | | | | |
| | | | | | | | | | | | | |

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

BP, Sanborn

| Monitoring | Well I.D.: | B-40 | | Date: 4/16/09 Time Started: /020 | | | | Field Personnel: RCB | | | |
|---|---------------|-----------------|---------------------------------------|----------------------------------|------------|-----------------|----------------|---|--|--|--|
| Weather C | Conditions: | Sunny i | CENT Y | | | Time End | ed: | | | | |
| Comments | S: | | | | | | | | | | |
| | | | | Initial Rea | dings | | | | | | |
| Measured | Well Botton | ı (TOR-ft) | 57.91 | | | Riser Pipe | e Diameter (in | i.) と | | | |
| | Water Leve | l (TOR-ft) | 13.01 | | | One Well | Volume (gal.) | 7,6 | | | |
| Notes: | | | | | | | | | | | |
| | | | | Moll Cons | 1161 | | | | | | |
| Well Condition Well Riser Type Stainless Steel Carbon Steel PVC | | | | | | | | | | | |
| Casing Co | | ł | OK> | 1 | Repair Re | | 11.00 | | | | |
| Cap Condi | | | OK) | l | Repair Re | | | | | | |
| Paint Cond | | | OK . | | Repair Re | | | | | | |
| Lock Cond | lition: | | OR | | Repair Re | | | | | | |
| Inner Casi | ng Condition | 1: | (QR) | | Repair Re | | | | | | |
| | eal Condition | | (OK) | | Repair Re | | | | | | |
| Other: | | | OK | | Repair Re | quired: | | | | | |
| | | | | Purge Info | | | | | | | |
| Purging Mo | ethod: | Stainless Steel | | Peristaltic Pu | | Grundfos Pu | ımp | Teflon Bailer | | | |
| Place an X | in one box | Polyethylene B | ailer | Bladder Pum | | Other: | | | | | |
| Amount Pu | irged: 🚣 | .0 gal | | Flow Rate | (mL per mi | nute: ~/* | 10 mi/m | | | | |
| | | ing (TOR ft.) | 13.11 | | | | | *************************************** | | | |
| Comments | i: | | | | | | | | | | |
| <u> </u> | | | | Sampling | Informatio | | | | | | |
| Date: ५/।८ | | Time Sampl | | | | Field Pers | sonnel: | R C Becken | | | |
| | Water Leve | | 3.11 | T | | <u></u> | | · · · · · · · · · · · · · · · · · · · | | | |
| Sampling it place an X | | Stainless Steel | | Peristallic Pu | | Grundfos Pu | mp | Teflon Baller | | | |
| Time | Temperature | Polyethylene Bi | Conductivity | Dissolved | Redox | Other: Water | Turbidity | Flavo Plata | | | |
| Elapsed min. | Temperature | Pi, | Conductivity | ı | Neuox | Level | ruibleity | Flow Rate | | | |
| | 10,91 | 6.76 | 0.970 | Oxygen 5.75 | -108 | 13.11 | 5.7 | -120 min | | | |
| 5 10 15 | 10.81 | 4.78 | · · · · · · · · · · · · · · · · · · · | 4.91 | 2.0 | | | 1100011000 | | | |
| 10 | | | 430 | | | 13.11 | 0 | | | | |
| /5 | 10-85 | 6.68 | 1,63 | 3.73 | -1010 | 13.11 | 4.4 | | | | |
| 20 | 10,84 | 6.36 | 2.42 | 0,22 | 4174 | 13,11 | 100 | | | | |
| 70 25 | 10:99 | 6.20 | 2.56 | 0.0 | - 227 | 13.11 | 6 | | | | |
| <i>3</i> 0 | 10,95 | 6.16 | 2.58 | 0.0 | -275 | 13.11 | Ò | | | | |
| | 10.99 | 6.21 | | 0.0 | -297 | 1 | 3.9 | | | | |
| 35 40 | | | 2.52 | | | 13.11 | | ., | | | |
| | 10.98 | 6.24 | 2.44 | 0.0 | -299 | 13,11 | 1.4 | | | | |
| 45 | 11.05 | 6,26 | 2,44 | 0.0 | -308 | 13,11 | 3.1 | | | | |
| <i>5</i> 0 | 11.01 | 6.27 | 2.44 | 0,0 | -309 | 13.11 | 2.0 | | | | |
| 55 | 11103 | 6,28 | 2.44 | 6.0 | -310 | 13.11 | 1-6 | | | | |
| 60 | 11.04 | 6,29 | 2.44 | 0.0 | -312 | 13.11 | 1,3 | | | | |
| | 11.01 | 67.51 | 00.00 | 10.50 | | 00166 | 1, 5 | | | | |
| | | | | | | | ļ | | | | |
| | | | | | | | ļ | | | | |
| 0.1/6.5.5 | L | | <u> </u> | <u> </u> | | | | | | | |
| QAVQC Sa | mples Taker | n: | / A | , | | | | | | | |
| Comments | : Alkedir | ity as la | CO3=265 1 | | prous le | on a C | myle | | | | |
| 0 | Signature | | | | | | | | | | |
| Sampler (F | rnnt) | | | | | | | | | | |
| Richard C. Becken Richard C. Becken | | | | | | | | Date: 4/16/09 | | | |
| | | | | | | | | | | | |
| | | | | | | | | | | | |

| Monitorin | g Well I.D.: | B-41 | | Date: 4/ | 14/07 | Time St | arted: ()825 | Field Personnel: RCB |
|--------------------|---------------|-----------------|--------------|----------------|---------------------------------------|--------------|---------------------------------------|---|
| Weather | Conditions: | SUNNY | V44.4 | | • | Time Er | * · · · · · | |
| Commen | ts: | 1 | | | | | | 100 |
| | | | | Initial Re | adings | | | |
| Measure | d Well Botto | m (TOR-ft) | 72.58 | | | Riser Pi | pe Diameter (i | n.) 2 |
| Measured Notes: | i Water Lev | el (TOR-ft) | M.95 | 1111 | | | ell Volume (gal. | |
| Notes. | | | | | | | | |
| 111-11-11 | | | | Well Cor | dition | | | |
| Well Rise | rType | | Stainless | Stee | Carbon S | iteel | PVC | |
| Casing Conc | | | (ON | | Repair R | | | * · · · · · · · · · · · · · · · · · · · |
| Paint Con | | | OK OK | | Repair R | | | |
| Lock Con | | <u> </u> | OK - | | Repair R | | | |
| inner Cas | ing Conditio | u. | <u> </u> | | Repair Re | | | |
| Surface S | eal Conditio | n. | QK | | Repair Re | | | |
| Other: | | | OK OK | | Repair Re | | | |
| | | | <u> </u> | Duran Ind | Repair Re | equireo: | · · · · · · · · · · · · · · · · · · · | |
| Purging M | ethod: | Stainless Stee | I Bailer | Peristellic P | ormation | T | | |
| Place an) | K in one box | Polyethylene E | Bailer | Bladder Pun | ump | Grundfos P | ump | Teflon Bailer |
| Amount P | urged:/ | 5-1 | | Flow Rate | رمان (mL per m | Other: | 116 17 | |
| Water Lev | el after Purc | ing (TOR ft. | 14.99 | II ION LYBIC | tuir het tit | mute | 116 ml/min | <u> </u> |
| Comments | S: | | | | | | | |
| | | | | Sampling | Informatio | \n | , | |
| Date: 4/16 | | Time Samp | led: 0940 |) | · · · · · · · · · · · · · · · · · · · | Field Per | Ecopol: | B.C.Beels |
| Measured | Water Leve | I (TOR ft) / | 4,99 | | | Ti icid r Gi | somei. | R C Becken |
| Sampling I | Method | Stainless Steel | Bailer | Peristaltic Pu | מחונ | Grundfos Pi | man | Teflon Baller |
| place an X | | Polyethylane B | aller | Bladder Pum | ر _م | Other: | шир | Lieuou Ballet |
| Time | Temperature | рH | Conductivity | Dissolved | Redox | Water | Turbidity | Flow Rate |
| Elapsed min. | 10.0- | 4 77 4 | | Oxygen | | Lovei | 1 - 1 - 1 | 1 IOW PARE |
| 5 | 10.93 | 6124 | 0.683 | 1.12 | -144 | 14.9 | 27.1 | -130 ml/min |
| <u>/o_</u> | 10.59 | 6,28 | 0.715 | 0.0 | -168 | 14.97 | 11.4 | |
| .15 | 10.42 | 6.31 | 0.720 | 0,0 | -172 | 14.98 | | ~1/0 2// 1 |
| <i>3</i> 0 | 10.37 | 6.33 | 0 216 | | | | 5.4 | |
| 25 | | | | 0.0 | 1-175 | 14.98 | 0.0 | |
| 3) | 10.34 | 6.35 | 0.718 | 0-0 | -179 | 14.98 | 0.0 | |
| <i>3</i> 0 35 | 10.43 | 6.37 | 0.716 | 0.0 | -181 | 14.99 | O | |
| 35 | 10.43 | 6.36 | 0.716 | 0,0 | -183 | 14,99 | 0 | |
| 40 | i0.38 | 6.39 | 0.718 | D.O | -186 | 14,99 | | |
| | | | 12.710 | 12.00 | 136 | 11.57 | 0 | |
| | | | | | | | | |
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| A/OC San | nples Taken | | | | | | | |
| Ommente: | AID. | | • | | | | | |
| omments. | TIRGLIV | uty as (| 4(0)=2 | 40 maj/1 | _ Fe/ | rous le | on 5.2 | mej/L |
| | | | | Signature | | | | |
| ampler (Pr | ini) | | Sampler (si | gnaturę): | | | | |
| ichard C + | Panka- |] | ヘル | 1 1) | Rober. | | | |
| ichard C. E | ecken | | <u>Leur</u> | <u> </u> | Do der | - | 1, | Date: 4/16/09 |
| | | | | - | | | | |

| Monitoring | Well I.D.: | B-42 | | Date: 니(5 | 5109 | Time Sta | rted: 1210 | Field Personnel: I | RCB |
|--------------|----------------|-----------------|--------------|---------------------------------------|---------------------------------------|--------------|----------------|--------------------|---|
| Weather C | Conditions: | sunny | warm | ** | | Time End | ded: | | |
| Comments | s: | - | | | | | | | |
| | | | | Initial Rea | idings | | | | *************************************** |
| Measured | Well Botton | n (TOR-ft) | 15·38 | | | Riser Pip | e Diameter (ir | n.) 2 | |
| | Water Leve | I (TOR-ft) | 9.5 | · · · · · · · · · · · · · · · · · · · | | One Well | l Volume (gal. | 16.1 | |
| Notes: | | | | | | | | - | |
| | | | / | Well Cond | dition | | | | |
| Well Riser | Туре | | Stainless S | | Carbon SI | teel | PVC | | |
| Casing Co | ndition: | | OR- | Í | Repair Re | | <u></u> | | |
| Cap Condi | ition: | | (OK) | | Repair Re | | | | |
| Paint Cond | | | (QR) | | Repair Re | | | · | |
| Lock Cond | | | (OK) | | Repair Re | | | | |
| | ing Condition | | (OK) | | Repair Re | | | | |
| | eal Condition | a: | ØK) | | Repair Re | | | | |
| Other: | | | OK | | Repair Re | | | | |
| | | | | Purge Info | ormation | | | | 7 |
| Purging Mo | ethod: | Stainless Steel | Bailer | Peristaltic Pur | mp | Grundfos Pu | ımp | Teflon Bailer | |
| Place an X | (in one box | Polyethylene B | 3ailer | Bladder Pemp | Р . | Other: | | | |
| Amount Pu | urged: ~5 | 5 5 5 | | Flow Rate | | inute: | | | |
| Water Lev | rel after Purg | ing (TOR ft.) | 19.55 | | | | | | |
| Comments | 5. | | | | · · · · · · · · · · · · · · · · · · · | | | | |
| | | | | Sampling | Informatic | on | | | |
| Date: ψ ις | 709 | Time Sampl | led: [3/5 | | | Field Pers | sonnel: | R C Becken | |
| Measured | Water Level | (TOR ft) | 7.55 | <u> </u> | | 1 | 7011 | 11 0 200001 | |
| Sampling I | Method | Stainless Steel | | Peristattic Pur | mp | Grundfos Pu | imo | Tellon Baller | |
| place an X | | Polyethylene B | | Blädder Pump | | Other: | 1110 | 1 tenori Dalici | |
| Time | Temperature | pН | Conductivity | Dissolved | Redox | Water | Turbidity | Fins | w Rate |
| Elapsed min. | | 1 . | | Oxygen | | Level | · Mananay | 1 100 | y Raio |
| 5 | 12.33 | 6.8 | 0.771 | 11 | -64 | 9,55 | 22.6 | 1-320 m// min | |
| (0 | 12.11 | | 0.775 | 4 | | | | 520 m// ha | |
| | | 6.56 | | | -73 | 9,55 | 1/.3 | <u> </u> | |
| _5 | 12.05 | 6.48 | 0.770 | 0.0 | -78 | 9.55 | 0 | | |
| 20 25 | 12.05 | 6.42 | 0.753 | 0.6 | -79 | 9.55 | Ó | T | |
| 24 | 12.03 | 6:39 | 0.750 | 0.0 | -80 | 9.55 | | | |
| 30 | | | | 1 - | | | 0 | | |
| | 12.09 | 6.36 | 0.748 | | -81 | 9.55 | 0 | <u> </u> | |
| 35 | 12.10 | 6.34 | 0.746 | 0,0 | -83 | 9,55 | 0 | | 4 |
| 40 | 12.07 | 6.33 | 0.747 | 0.0 | -83 | 9.55 | 0 | | |
| 45 | 12.06 | 6.33 | 0.746 | 1 | 00 | 10.5 | | | |
| | 1064- | 0170 | 10./70 | 0.0 | -83 | 9.55 | 0 | | |
| | ļ! | | | L | <u> </u> | | l | | · |
| | <u></u> ! | | ' | [] | i | 1 | | | |
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| | | L | <u> </u> | L | i | | l | | |
| | <u> </u> | l | 1 | 1 | l | | | | |
| QA/QC Sar | mples Taker | a: | | | · | | | | |
| Comments | Alkalin | ity as Cal | 5 3 240 | 124/L | FERROVA | (Irms | D 12-6,1 | f , | |
| | | | | Signature | | 110. | | <u> </u> | |
| Sampler (P | rint) | | Sampler (s | | · · · · · · · · · · · · · · · · · · · | | - | Т | |
| · · | | | | | | | | | |
| Richard C. | Becken | | لطنك | melc | - Ecke | Σ | | Date: 415/09 | |
| | | | | | | | | | |

| Monitoring | Well I.D.: | 8 · 43 | | Date: -(15 | loη | Time Star | ted: /345 | Field Personnel: RCB | |
|--------------|---------------|-----------------|--|---------------------------------------|--------------|-------------|---------------|---------------------------------------|-------------|
| Weather C | onditions: | Gunny v | sarm | | • | Time End | ed: | | |
| Comments |): | | | | | | | | |
| | | | | Initial Rea | dings | | | | |
| Measured | Well Bottom | (TOR-ft) |)8·85 | | -, | Riser Pipe | Diameter (in | .)]_ | |
| | Water Leve | I (TOR-ft) | 1.78 | | | One Well | Volume (gal.) | 4.00 | |
| Notes: | | | | | | | | | |
| | | | | WellCond | lition | | | | |
| Well Riser | Туре | | Stainless S | Steel | Carbon Ste | eel | PVC | | |
| Casing Co | ndition: | | (D) | | Repair Red | guired: | | | |
| Cap Condi | | | ŌŔ. | | Repair Rec | | | | |
| Paint Cond | | (| (OB) | | Repair Red | | | · · · · · · · · · · · · · · · · · · · | |
| Lock Cond | | | OK. | | Repair Red | | | | |
| | ng Condition | | QØ | | Repair Rec | | | | |
| Other: | eal Condition | <u> </u> | ØK) OK | | Repair Red | | | | |
| Other. | | | IOV | Purge Info | Repair Red | quirea: | | | |
| Purging Me | ethod: | Stainless Steel | Dailor | Purge Inic Peristallic Pu | | Grundfos Pu | | Toflan Daitas | |
| | | Polyethylene Ba | | Bladder Pum | ilih | Other: | iuh | Teflon Bailer | |
| | urged: ~ /. | | allet C | Flow Rate | mL per mi | | 0 ml/min | | |
| Water Lev | el after Puro | ing (TOR ft.) | 12.55 | i ion itale | (inc per ini | iolo. | com / man | | |
| Comments | | , | 10 | | | · | | | |
| | | | ************************************** | Sampling | Informatio | n | | | |
| Date: 4/15 | 5109 | Time Sample | ed: /500 |) | **** | Field Pers | onnel: | R C Becken | |
| | Water Level | | 12.55 | | | | | · · · · · · · · · · · · · · · · · · · | |
| Sampling I | Method | Stainless Steel | Bailer | Peristaltic Pu | | Grundfos Pu | тр | Teflon Bailer | |
| place an X | in box | Polyethylene Ba | | Bladder Pump | > | Other: | | | |
| Time | Temperature | pН | Conductivity | Dissolved | Redox | Waler | Turbidity | Flow Rate | |
| Elapsed min. | | 7 5 5 5 | | Oxygen | | Level | | | |
| 5 | 12.67 | 6.27 | 2.78 | 0.57 | ·-250 | 12.5 | 10:7 | ~80 ml/m | |
| /0 | 12.87 | 6.22 | 278 | 0.0 | -271 | 12.2 | 5.6 | ~65 ml/min | |
| <u>/5</u> | 12.75 | 6,21 | 2.79 | Ø.0 | -276 | 12.5 | 1.0 | | |
| 20 | 12.76 | 6.18 | 2.76 | 0.0 | -279 | 12.5 | 3.5 | | |
| 25 | 12.79 | 6.17 | 2,70 | 0,0 | -278 | 12.55 | | 10.11 | |
| | | | | · · · · · · · · · · · · · · · · · · · | 277 | | 1.0 | ~60 m/m | |
| 30 | 13.00 | 6.17 | 2.63 | 0,0 | | 12.55 | 0 | | |
| 35 | 12.7 | 6.18 | 252 | 0.0 | -274 | 12.55 | 3.2 2.5 | | |
| 40 | 13.0 | 6.20 | 2.41 | 0.0 | -269 | 12.55 | 2.5 | | • |
| 45 | 13.1 | 6,21 | 2.40 | 0.0 | -270 | 12.55 | 5-9 | | |
| 50 | 13.1 | 6.12 | 2,40 | 0.0 | -269 | 12.55 | 4.6 | | |
| 55 | 1312 | 6.22 | 2.46 | 0.0 | -269 | 12.55 | 2 7 | | |
| 60 | 13.1 | 6.22 | ************************************** | | -269 | | 3.7 | | |
| <i>6</i> 0 | 1011 | 6.22 | 2.40 | 0,0 | - 269 | 12.55 | 1-5 | | |
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| | <u> </u> | | | | | | | | |
| QA/QC Sa | mples Take | n: | | | | | | | |
| Comments | : THE AV | alinity ex | CaCo: + | 240 149 | IL Ferro | us Iron | 5 O 11 | 19/c | |
| | | | | Signature | | | | | |
| Sampler (F | Print) | | Sampler (s | ignature): | | | | | |
| Richard C. | Becken | | Rel | lc | Redu | | | Date: 4 (15) 0 91 | |
| | | | | | | | | 1 | |
| | | | | | | | | | |

Monitoring Well I.D.: B-44 Date: 4/15/09 Time Started: 1000 Field Personnel: RCB overcost Weather Conditions: Time Ended: Comments: Initial Readings Measured Well Bottom (TOR-ft) 위사내 Riser Pipe Diameter (in.) 2 One Well Volume (gal.) Measured Water Level (TOR-ft) Notes: Well Condition Stainless Steel Well Riser Type Carbon Steel **PVC** OK Casing Condition: Repair Required: OK/ Repair Required: Cap Condition: OK/ Paint Condition: Repair Required: Lock Condition: OK Repair Required: Inner Casing Condition: (QK) Repair Required: Surface Seal Condition: OR Repair Required: Other: ЮK Repair Required: Purge Information Peristaltic Pump Purging Method: Grundfos Pump Stainless Steel Bailer Tellon Bailer Place an X in one box Polyethylene Bailer Bladder Pump Other: Amount Purged: -/ 4-l Flow Rate (mL per minute: 4.35 Water Level after Purging (TOR ft.) Comments: Sampling Information Date: 4/15/09 Time Sampled: Field Personnel: R C Becken Measured Water Level (TOR ft) 13.71 Sampling Method Stainless Steel Bailer Peristaltic Pump Grundios Pump Tellon Bailer place an X in box Polyethylene Bailer Bladder Pump Other Temperature Conductivity Dissolved Water Turbidity Flow Rate Elapsed min Oxygen Level 6410 6.70 302 326 13.25 0.0 20 10:27 3.02 0.6 13.45 9.0 10.88 3.02 -335 30 13.46 10.5 0.0 6.7 -352 40 11.01 3.03 13.70 0 235 ml/m 0.0 354 7 11102 50 3.63 0.0 13.7. 6.77 11.03 303 60 - 358 13.72 0.6 11.67 6.77 -362 13.73 10 7.03 0.0 QA/QC Samples Taken: Comments: Alkalınıtmas (a CO, = 240 mg/c Forrows Iron = Signature Sampler (Print) Sampler (signature): Date: 4/15/09 Richard C. Becken

Monitoring Well I.D.: 13-48 Date: 4/14/69 Time Started: 0830 Field Personnel: RCB Weather Conditions: Time Ended: Comments: Initial Readings Measured Well Bottom (TOR-ft) 식6.88 Riser Pipe Diameter (in.) Measured Water Level (TOR-ft) 11.02 One Well Volume (gal.) Notes: Well Condition Well Riser Type Stainless Steel Carbon Steel PVC Casing Condition: ΔK Repair Required: Cap Condition: (OK) Repair Required: Paint Condition: **GOK** Repair Required: Lock Condition: OK Repair Required: Inner Casing Condition: OK Repair Required: Surface Seal Condition: ÓK) Repair Required: Other: Repair Required: Purge Information Purging Method: Stainless Steel Bailer Peristaltic Pump Grundfos Pump Teflon Bailer Place an X in one box Polyethylene Baller Bladder Punjo Other: Amount Purged: ~ 5 and Flow Rate (mL per minute: - 200 ml / hum Water Level after Purging (TOR ft.) Comments: Sampling Information Time Sampled: 0946 Date: | | | | | | | | 9 Field Personnel: R C Becken Measured Water Level (TOR ft) ババコ Sampling Method Peristaltic Pump Stainless Steel Bailer Grundfos Pump Teffon Bailer place an X in box Polyethylene Bailer Bladder Pump Other: Time Temperature pН Conductivity Dissolved Redox Water Turbidity Flow Rate Elapsed min. Oxygen Level 5.84 5 10.53 .707 0.0 11.07 95.9 ~200 ml 5 94 10 10.51 704 137 0.0 77 3%.1 15 10.57 6.07 136 11.07 703 0.0 26.2 <u></u>አላ 10.59 6112 5.724 134 11.07 26.1 0,0 73 6.14 16.63 132 704 0.0 11.07 20.3 30 6.17 10.59 0.0 131 11.07 20.5 705 6.18 35 10.58 129 18.7 -704 20 11.07 رك 10.59 - 70 0.0 128 11.07 17.7 QA/QC Samples Taken: Comments: Alkalinity as Ca (D) & 230 Ferrous Iron = ing/L Signáture Sampler (Print) Sampler (signature): Date: 4/14/09 Richard C. Becken

| Monitoring | Well I.D.: | R-49 | | Date: | 7/14/09 | Time Star | rted: 953 | Field Personn | nel: RCB |
|--|---------------|-----------------|------------------|-------------------|-----------------|---------------|---|----------------|---|
| | Conditions: | cludy | ولون | | | Time End | | | |
| Comment | s: | 1 | | | | | | | |
| | | | | Initial Rea | adings | | | | |
| Measured | Well Botton | n (TOR-ft) | 82.46 | | | Riser Pipe | e Diameter (in | 1.) 7_ | |
| Measured | Water Leve | l (TOR-ft) | 21.85 | | | One Well | Volume (gal.) | 10.30 | 9 |
| Notes: | 9 | | | | | - | | | |
| | | | | -Well Cond | dition | | | | · · · · · · · · · · · · · · · · · · · |
| Well Riser | Type | <u> </u> | Stainless | | Carbon St | eel | PVC | | |
| Casing Co | | | OK- | 子 T | Repair Re | | 11.40 | | |
| Cap Cond | | | OK- | 1 | Repair Re | | • . | | |
| Paint Cond | | | OK. | | Repair Re | | | | ********** |
| Lock Cond | | | OK/ | 1 | Repair Re | | | | |
| | ng Conditior | 1: | ØK, | | Repair Re | | | | |
| | eal Condition | | OK | | Repair Re | | | | |
| Other: | | | ок | 1 | Repair Re | | | | ************************************** |
| N/11-10-11-11-11-11-11-11-11-11-11-11-11-1 | | | | Purge Info | | , | | | 111111111111111111111111111111111111111 |
| Purging M | ethod: | Stainless Steel | Bailer | Peristaltic Pu | | Grundfos Pu | imo | Teflon Bailer | |
| | | Polyethylene B | | Bladder Pum | | Other: | | Trenom Baner | |
| | urged: ~/. | | | | r (mL per mi | | 35 m/ hum | | |
| | | ing (TOR ft.) | | 17 70 11 11 11 11 | (IIII PO. IIII | 11410. 14/2 | | | |
| Comments | | | | | | | | | |
| | | | | Sampling | Informatio | in | | | |
| Date: 🎷 | Ilas | Time Sampl | led: //15 | <u> </u> | mioniacio | Field Pers | onnel. | R C Becken | |
| Measured | Water Level | (TOR ft) | <u>04. 111.5</u> | um | | It fold i Gra | OHILL. | IT O Deckett | |
| Sampling I | | Stainless Steel | Bailer | Peristaltic Pur | mn | Grundfos Pur | ma | Teffon Baller | |
| place an X | | Polyethylene Ba | | Bladder Pum | | Other: | | Trendit ballet | |
| Time | Temperature | pH | Conductivity | Dissolved | Redox | Water | Turbidity | 1 | Flow Rate |
| Elapsed min. | | 1 | | Oxygen | '' | Level | ,, | | 1 low (tale |
| 5 | 10.60 | 6.09 | 3.22 | 0.0 | -346 | 27,04 | 27.4 | -110 11 | 7 |
| | 10.62 | (0,08 | | 1 | -355 | | | | Aug. |
| _/0 | | | 3-25 | 0.0 | | 2208 | 7.5 | ~150 m/ | / nun |
| 15 | 10.63 | 4.07 | 3.27 | 00 | -359 | 22.1 | 3.9 | ~135 W | 1 hm |
| 20 | 10.62 | 6.03 | 3.28 | 0.0 | -361 | 221 | 4.5 | | |
| 25 | 10.82 | 6-08 | 3.27 | 0.0 | -31% | 1 | 20 | | |
| | | | | | , | 22.1 | <u> </u> | | |
| 30 | 10.87 | 6.08 | 3.28 | 0.0 | -364 | 22-1 | 0.4 | | |
| 35 | 10.73 | 6.09 | 3.28 | 0.0 | -3654 | 22.1 | 0 | | |
| 40 | 10.79 | 6,09 | 3.29 | 0.0 | -363 | 20.1 | 0 | | |
| 45 | 10.77 | 6.09 | 3.29 | 0.0 | -364 | 22.1 | | | |
| | | ····· | | | | | 0.6 | | |
| 50 [| 10.88 | 6.09 | 3.29 | 0.0 | -362 | 22.(| _0 | | 7 |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | *************************************** | | |
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| | | - | | | | | | | |
| | | | L | | | <u>.</u> | | | |
| | nples Taken | | ·/ | | | | | | |
| Comments: | Alkelini | ty as Cal | | | Ferrou | 3 100ms | 0 mg/c | • | |
| | | 1 | | Signature | | | | | |
| Sampler (P | rint) | | Sampler (s | ignature): | · | | | | |
| | | A | | Vita | 2 (| · | | 31.1 | |
| Richard C. | Becken | | + ich | <u> </u> | <u> </u> | | | Date: 414 05 | |
| | | | | | | | | | |
| | | | | | | | | | |

| | | | | | M Enterprise: WELL SAMPLI BP, Sanborn, I | NG FIELD F | ORM | | | |
|----------------------------|------------------------|----------------|------------------------|--------------------|--|-----------------|---------------|-----------------|---------------|-----------|
| Monitoring Well | | | Date: 4/131. |) i | Time Started: | 1050 | Field F | 'ersonnel: | RC Becken | |
| Weather Conditi | ions: گري | 1 0/201 | | | | | | | | |
| Comments: | | | | | | | | | | |
| | | | | | | | | | · | |
| | <u> </u> | fi) | | | nitial Readin | | | | | |
| Measured Well E | | | | | Riser Pipe Dia | | 2 in. | | | |
| Measured Water | | | | | Conversion Fa | actor (gal/line | eal ft) | 1.25" = 0.08 | e" = 0.17" | 3" = 0.38 |
| Calculated Wate | | | 5 | | (Circle One) | | 1 300 270 | 4" = 0,66 | 6" = 1.50 | 8" = 2.60 |
| One Well Volume Notes: | ie (gals.) 👸 | ين الدر | | | FiveWell Volu | mes (gals.) | 153 | | | |
| Notes. | | | | | V. II O 127 | | Au | <u> </u> | | |
| Mall Diess Tues | (Cinal) | | - A | | Vell Condition | | | | | |
| Well Riser Type | | (ÓK | | ss Steel | Carbo | on Steel | | PVC | | |
| Casing Condition | N | (øk | Repair Require | | | | | | | |
| Cap Condition: | | 7 | Repair Require | | | | | | | |
| Paint Condition: | | (ok, | Repair Require | | | | | | | |
| Lock Condition: | | - C/ | Repair Require | | | | | | | |
| Inner Casing Cor | | (ok) | Repair Require | | | | | | | |
| Surface Seal Cor Other: | nation; | LOK, | Repair Require | <u>-d:</u> | | | | | | |
| Other: | | | | | | | | | | |
| Organia - Marks - 4 | (0: | | | | rge Informa | | | | | |
| Purging Method (| (Circle one): | | | Steel Bailer | | ltic Pump | | Sample Port (Pu | | inly) |
| | | | Contares compensations | ı Bailer | Land Annual State of Contract of | lene Bailer | Other: | purche puno | | W.F. |
| | Well | - Gallons | Temperature | Specific | Turbidity | | | | | |
| | Volume | Purged | | Conductivity | | | | Comments | | |
| | 5.1 | (gal) 13.2 | (deg C) | (mS/cm) 1 - 9/4 | (NTU's) | | | | | |
| - | 2.4 | ~6.4 | 51.5 | | 79.7 | | | | | |
| - | | | 50.3 | 1.16 | <u> </u> | | | | | _ |
| - | | -9.6 | 50.5 | 1.00 | 12.7 | | | | | _ |
| <u> </u> | | ·- 12-8 | 50.6 | 0.79 | 7.41 | | | | | |
| | | | | | | <u> </u> | | | | |
| | | | | | | | | | | |
| Comments: | | , | *** | | | | | | | |
| | | | | Sam | pling Inform | ation | | | | |
| Date: 4 13 | | Time Sampled: | 1125 | Field Personne | tr. | R C Becker | 1 <u></u> | | | |
| Measured Water | |): <u>13.0</u> | | | | | | | | |
| Sampling Method | f (Circle one): | | Stainless S | Steel Bailer | | lic Pump | | Sample Port (Pu | mping Wells O | nly) |
| 33= | - managamentana managa | | Teflon | Bailer | Polyethyl | ene Bailer | Other: | | | |
| | Sample | Temperature | pН | Specific | Turbidity | | | | 00050 | |
| | , JiD. | | | Conductivity | | | | Comments | | 66 66 |
| | 11 1 | (deg C) | (S.U.) | (mS/cm) | (NTU's) | | | | | g Si |
| | 15.56 | 47.5 | 3.01 | 605 | 19.4 | | | | | 1 |
| _ | | | | | | | | | | |
| | | | | | | | | | | |
| | | - | | | | | | | | 1 |
| MOO 0 | Taliani 124.5 | +145D | | | | | ************* | | | |

Signature

Sampler (signature):

Date: 4 3 0 7

Comments:

Sampler (Print):

Richard C. Becken

| | | | Tributa (SMG) SESTA SESTA | MONITORING | M Enterprise WELL SAMPLI BP, Sanborn, I | ING FIELD F | ORM | ĵ. | 9 - 2 - 2 - 2 - 2 - 2 - 2 - 2 - 2 - 2 - | |
|---|---------------------------------------|---|---------------------------------|-------------------------------------|--|---------------------------------------|--|--|---|---------------------------------------|
| Monitoring We | ell I.D.: 6-57 | 7 | Date: 4/13/a | <u>.a</u> | Time Started | <u> </u> | I-L-U-D | | | HITCH SPECIAL |
| Weather Con | | | Date. 711310 | 4 | Time Started: | <u>11750</u> | Field F6 | ersonnel: | RC Becken | |
| Comments: | ulliona. Ulzu | LI o coo | <u> </u> | | | | | | | |
| 00,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,, | | | | | | | | | | |
| | | | | | Initial Readin | nas | <u></u> | | | |
| Measured We | ell Bottom (TOR - | -m) 50 <i>.5</i> % | , | | Riser Pipe Dia | | 2 in. | | | |
| | ater Level (TOR - | | | | Conversion Fa | | | 1.25" = 0.08 | 2√= 0.17. > | 3" = 0.38 |
| | ater Column Heig | | | | (Circle One) | , , , , , , , , , , , , , , , , , , , | | 4" = 0.66 | 6" = 1.50 | 8" = 2.60 |
| One Well Volu | | 1.8 | | | FiveWell Volu | mes (gals.) | 24.14 | - W. www | 0 4 1,00 | 0 W Z.UU |
| Notes: | | | | | 11.1.0.1. | 13 | _^1- | | | |
| | | | | · V | Nell Condition | ากร | The state of the s | | | |
| Well Riser Tyr | pe (Circle one): | | Stainle | ss Steel | | on Steel | | DVC | | · · · · · · · · · · · · · · · · · · · |
| Casing Condit | | (6K) | Repair Reduire | | Value | 311 graet | | PVC | | |
| Cap Condition | | | Repair Require | | | | | | | |
| Paint Condition | | (OK) | Repair Require | | | | | | <u></u> | · · · · · · · · · · · · · · · · · · · |
| Lock Condition | | 10K | | | | | | | | |
| Inner Casing C | | (O) | Repair Require | | | | | | | |
| Surface Seal (| | | Repair Require | | | | | | | |
| Other: | SONOILION: | (ok) | Repair Require | <u>:d:</u> | | | | | | . , |
| Outer. | | | | | | | | | ····· | |
| Danie - Malba | - 1 (O!!) | | -> | | urge Informa | | | | <u> </u> | |
| Purging Metho | id (Circle one); | | | Steel Bailer | | Itic Pump | | Sample Port (Pu | ımping Wells Or | ıly) |
| | Transfer of the second | 174.58 | | n Bailer I | a least transition of the second of the second | iene Bailer | Other: | purge pump | l | |
| | Well Volume | Gallons Purged (gal) | Temperature (deg C) | Specific Conductivity (mS/cm) | Turbidity (NTU's) | | | Comments | | Oli (GESS) (Aliange Annua |
| | 418 | ~ < | 51.2 | 1.49 | 13.10 | t jeda kelapahelapa sas | 9650 GW (44.00) | risa itali sa area a sa yasa est, es. | | *** |
| | · · · · · · · · · · · · · · · · · · · | :-10 | 50.4 | 2.53 | 13.6 | W311 d | 1 | | | 4 |
| | | | 247.3 | -3.4.3 | 10.0 | Liste Ci | ry cit a | MI JICK | | - |
| | | | <u> </u> | | | <u> </u> | ···· | - | | 4 |
| | | | | | ļ | | | | | _ |
| | | | | | | <u> </u> | | · · · · · · · · · · · · · · · · · · · | | |
| Comments: | | | | | <u> </u> | | | | | |
| Cullinano. | | | | | | | | - Annual Control of the Control of t | | |
| | 16. | I , . | 1 2 3 5 000 | | ipling Inform | | | | | |
| Date: \//13/ | | Time Sampled: | 11.35 | Field Personne | 1: | R C Becken | } | | | |
| | ter Level (TOR ft. | 1: 45.65 | | | | | | | | |
| Sampling Meth | nod (Circle one): | | Stainless S | | | ltic Pump | | Sample Port (Pu | mping Wells On | iy) |
| | | lista sitta errora gala giberasa en | Teflon | Bailer | Colyethyl | lene Bailer> | Other: | | | |
| | Sample | Temperature | рН | Specific | Turbidity | | | | 3.3 | |
| | I,D, | | | Conductivity | | | | Comments | | |
| | 3 1 2 2 | (deg C) | (S.U.) | (mS/cm) | (NTU's) | | | | | |
| | B-57 | 7427 | 7.29 | 4.43 | 60.5 | | | | | - |
| | | 44.8 | | | | | | | | |
| I | | | | | | | | | | 1 |
| | | | | | | | · | | | |
| QA/QC Sample | es Taken; | | | | | <u></u> | | | | J |
| Comments: | | | | | | · | | | | |
| | | *************************************** | | | Signature | | XIII | <u> </u> | | |
| | | · | | | | 0.0 | - R.L | | 1 | |
| Sampler (Print) | 17 | Richard C. Beck | ken | Sampler (cianat | turni. | V C | The last | | l | |

| 10 5 6 6 6 1 0 10 6 6 6 | | | | | kM Enterprise WELL SAMPL | ING FIELD F | FORM | | 907.02. 20706 | 2 0 0 0 0 0 0 0 0 0 0 0 0 0 |
|----------------------------------|--|---------------|---------------------------------------|----------------|-----------------------------|-----------------|---|--|---|--------------------------------|
| | | | | | BP, Sanborn, | NY | | | | |
| Monitoring We | III.D. P-2 | | Date: 4/16/ | J! | Time Started: | 1310 | Field F | Personnel: | RC Becken | |
| Weather Cond | litions: \s\(\lambda\) | nny wa | 2~n | | | | 1.15101 | O'COTTO | NO DECKEN | |
| Comments: | | , | | | | | | | | |
| | | | | | | | | | | |
| | | | | | Initial Readir | ngs | | | | |
| | Bottom (TOR - | | , , , , , , , , , , , , , , , , , , , | | Riser Pipe Dia | meter (in) | 名至in. | | | |
| II | er Level (TOR - | | | | Conversion F | actor (gal/line | eal ft) | 1.25" = 0.08 | 2" = 0.17 | 3" = 0,38 |
| 12 | ter Column Hei | ght (ft) | | | (Circle One) | | | 4" = 0.66 | 6" = 1.50 | 8=2.60 |
| One Well Volu | me (gals.) | | | | FiveWell Volu | mes (gals.) | | | | |
| Notes: | | | 10,200 imp.s | | | | *************************************** | | | |
| IA/-II (DiT | | | | | Nell Condition | ns | | | | |
| Well Riser Typ | | | į. | ess Steel | Carb | on Steel | | PVC | <u> </u> | |
| Casing Conditi Cap Condition: | | OK OK | Repair Require | | | | | | | |
| Paint Condition | | OK OK | Repair Require | | | | | | | |
| Lock Condition | | OK OK | Repair Require | | | | | | | |
| Inner Casing C | | ОК | Repair Require | | | | | | | |
| Surface Seal C | | ОК | Repair Require | | | Wanted . | | | | |
| Other: | onanon. | ı ok | Ivehali kedulit | ±u. | | | | | | |
| | | | · · · · · · · · · · · · · · · · · · · | D ₁ | urge Informa | tion | | | ···· | |
| Purging Method | d (Circle one): | | Stainless | Steel Bailer | | ltic Pump | | Comple Dod (D) | | |
| | | | | n Bailer | | lene Bailer | Other: | Sample Port (Pu | imping wells t | Jniy) |
| | Well | Gallons | Temperature | Specific | Turbidity | 1 | Outer. | | | |
| | Volume | Purged | | Conductivity | , 2,2,2,3 | | | Comments | | |
| | | (gal) | (deg C) | (mS/cm) | (NTU's) | | | Comments | | |
| | | | | | | · | | and the second s | 1.0 10 17 17 19 24 10 10 10 10 10 10 10 10 10 10 10 10 10 | 2003 |
| | | | | | | | , , , , , , , , , , , , , , , , , , , | | | |
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| | | | | | | | *************************************** | | ····· | |
| Comments: | | | | | | | | | | |
| | | | | Sam | pling Inform | ation | | | | |
| Date: 4/14/ | | Time Sampled: | 1310 | Field Personne | el: | R C Becker | n | | | |
| Measured Wate | r Level (TOR ft |): 20.81 | | | | | | | | |
| Sampling Metho | od (Circle one): | | Stainless : | Steel Bailer | Peristal | tic Pump | | Sample Port (Pu | mping Wells C | Only) |
| - | NOTICE TO SERVICE TO S | | Teflor | Bailer | Polyethy | ene Bailer | Other: | | | |
| | Sample | Temperature | pH | Specific | Turbidity | | | | | |
| | l:D, | | | Conductivity | | | | Comments | | |
| | 1 | ृ(deg C) | (S.U.) | (mS/cm) | (NTU's) | | | | | |
| | P-2 | 53.1 | 6.3 | 1.11 | 7.78 | | | | | |
| | | | | | | | | | | |
| | | | | | | | | | | |
| | | | | | | | | | | |
| QA/QC Sample: | s Taken: | | | | | | | | | |
| Comments: | | | | | | | **** | | <u> </u> | |
| | | | | | Sign <u>atur</u> e | | | | | _ |

Sampler (Print):

Richard C. Becken

Sampler (signature):

Date: 1/16/09

| Monitoring Well I.D Weather Conditions Comments: | | | | | | | | | · · · · · · · · · · · · · · · · · · · | |
|--|----------------|---------------------------------------|---|-------------------------------------|--|-----------------|---|--|--|-----------|
| | is: 5tan | | Date: 4/15/ | 9ء | Time Started: | 1325 | Field Pe | rsonnel | RC Backen | |
| Comments: | | y warn | | | 1,,,,,,, | | 11 10:01 6 | roomie. | IVC DECKEN | |
| | | \ | | | Circle One) | | | | | |
| | | | | | | | | | | |
| | | | |] | nitial Readin | gs | · · · · · · · · · · · · · · · · · · · | | | |
| Measured Well Bot | | | | | Riser Pipe Dia | meter (in) | δ 21 in. | | | |
| Measured Water Le | evel (TOR - f | t) | | | Conversion Fa | ctor (gal/line | al ft) | 1.25" = 0.08 | 2" = 0.17 | 3" = 0,38 |
| Calculated Water C | | nt (ft) | | | (Circle One) | | | 4" = 0,66 | 6" = 1.50 | 8" = 2.60 |
| One Well Volume (| gals.) | | | | FiveWell Volur | nes (gals.) | | | | |
| Notes: | | | | | | | | : 1444-144 | | |
| | | | | | Vell Conditio | ns | | | | |
| Well Riser Type (Ci | ircle one): | · · · · · · · · · · · · · · · · · · | Stainle | ss Steel | Carbo | n Steel | | PVC | | |
| Casing Condition: | | OK | Repair Require | ed: | | | | | | |
| Cap Condition: | | OK - | Repair Require | | | | | | | |
| Paint Condition: | | OK | Repair Require | | | | | | | |
| ock Condition: | | ОК | Repair Require | | | | | | | |
| nner Casing Condi | | OK | Repair Require | | | | | | , | |
| Surface Seal Condi | ition: | OK | Repair Require | d: | | | | | | |
| Other: | | | *************************************** | | ************************************** | | , the same of the | | | |
| Purging Mathed (C) | Irala n= -\: | | | | | | | | | |
| Purging Method (Ci | ircie one): | | | Steel Bailer | | | | Sample Port (Pu | mping Wells (| Only) |
| | Well | Gallons | CONTROL CONTROL OF THE PARTY | Bailer | | ene Bailer I | Other: | of the Congression, was the received and the | ······································ | Voða I |
| 2 Marie 1 | Volume | Purged (gal) | Temperature (deg C) | Specific Conductivity (mS/cm) | | | | Comments | | |
| Comments: | | | | | | | | | | |
| | | | | Sam | nling Inform | ation | | 7777 | | |
| Date: 4/15/29 | Т | ime Sampled: | 1325 | Field Personne | | | | | | |
| leasured Water Le | | | <u> </u> | 6.201115 | | o becken | | | | |
| ampling Method (C | | | Stainless S | iteel Bailer | Peristali | ic Pumn | <u>,</u> | Sample Port /P | mning Malla C |)nh/) |
| | | | Teflon | | | | Other | oample rost (Ptil | ubing weits C | ліку) |
| | Sample I.D: | Temperature | pН | Specific Conductivity | Turbidity | | | Comments | | |
| | 7 | (deg C) | (S,U.) | (mS/cm) | | | | | | ä |
| 1 1 2 | -3 | 54,5 | 6,82 | 1.65 | 14,4 | | | | | |
| A/QC Samples Tai | ken: | | | | | | | 1000 | | |
| comments: | | | | | | | | | | |
| | | · · · · · · · · · · · · · · · · · · · | | | Signature | | | | | |
| | | | | | | | | | | 1 |
| ampler (Print): | R | ichard C. Beck | en | Sampler (signa | ture): Kul | مالا | - Beck | | Date: 4//5 | 15 |

| | | | | | WELL SAMPLI | NG FIELD FO | DRM. | | | |
|---|------------------|--|----------------|----------------|---------------|---|--------|---------------------------------------|---------------------------------------|--|
| Manitosina \Me | ***N. 17.J | J | Ta 41011. | , G | L | .9- 7/ | T | | | |
| Controlled Co | | | | | | | | | | |
| | illions. Q | many close | hy court | | | | | | | |
| Comments. | | ······································ | | | | | | | | |
| | | | | <u> </u> | | | | | | |
| | | | | | 1 | | | | | |
| | | | | | 1 | actor (gal/linea | al ft) | 1.25" = 0.08 | 2" = 0.17 | 3" = 0.38 |
| | | aht (ft) | | | 1 | | | 4" = 0.66 | 6" = 1.50 | 8" = 2.60 |
| | me (gals.) | | | | FiveWell Volu | mes (gals.) | | | | |
| Notes: | , | | | | | | | · · · · · · · · · · · · · · · · · · · | | |
| | | | | V | | | | | | |
| # | | | Stainle | ss Steel | Carbo | on Steel | | PVC | | |
| | | 10K | Repair Require | :d: | | | | | | |
| | | OK | 1 | | | | | | | |
| Paint Condition | 1; | | Repair Require | ed: | | | | | | |
| Lock Condition | : | | Repair Require | <u>:d:</u> | | | | | | |
| | | | Repair Require | :d: | | | | | • | |
| | condition: | (6K) | Repair Require | ed: | | | | | | |
| Other: | | | | | | | | | | |
| | | | | Pı | ırge Informa | tion | | | | |
| Purging Metho | d (Circle one): | | Stainless | Steel Bailer | Perista | ltic Pump | | Sample Port (Pu | ımping Wells O | nlv) |
| | | | Teflor | Bailer | Polyethy | lene Bailer | Other: | | | |
| | | Purged | | Conductivity | | | | Comments | | |
| | | | | Sam | pling Inform | nation | | | | |
| | | | 152) | Field Personne | el: | R C Becken | | | • | |
| | | | , | | | | | | | |
| Sampling Meth | od (Circle one): | | Stainless 5 | Steel Bailer | | | | Sample Port (Pu | mping Wells O | nly) |
| | pi 1 | | Teflor | Bailer | €olyethyl | lene Baile | Other: | | | _ |
| | | | | Conductivity | | | | Comments | 第 100 200 200 200 | A STATE OF THE STA |
| | P-4 | | | | 3.89 | | | | | |
| OA/OC Sample | s Takan : M | < . n.c. | | | 1 | | · | | | |
| | s raken: 1 ' | · > 4 IN 2 D | 1 | | | | | | | |
| Comments: | | | | | O:- : | *************************************** | | | · · · · · · · · · · · · · · · · · · · | *************************************** |
| | | | | | Signature | | | | 1 | |
| Sampler (Print) | | Richard C Beel | kom | Sam-l (-i | | . Oc | R. | L | 111 | 1/29 |

| | | | O& MONITORING | M Enterprise WELL SAMPL BP, Sanborn, | ING FIELD FO | ORM | | | |
|--|--------------------------|---------------------------------------|--|--|-----------------|----------|-------------------|------------------|--|
| Monitoring Well LD: カルー | 1 | I1 .I | _ | | 18.4 | | | | en e |
| | 1 | Date: 니너 | O ^r 3 | Time Started: | 1030 | Field Pe | rsonnel: | RC Becken | |
| Weather Conditions: | | | | | | | | | |
| Comments: | | | | | | | | | |
| | | | | Initial Desertion | | ., | | | |
| Measured Well Bottom (TOR - | F+1 | | | Initial Readin | | CAR in. | | | |
| Measured Water Level (TOR - | | | | Riser Pipe Dia | | | 1.05% | | <u> </u> |
| Calculated Water Column Heig | | | | (Circle One) | actor (gainine) | at ii) | 1.25" = 0.08 | 2" = 0.17 | 3" = 0.38 |
| One Well Volume (gals.) | · \ | | | FiveWell Volu | mae (gale) | | 4" = 0.66 | 6" = 1.50 | (B" = 2.60) |
| Notes: | | | | II IVEVVEN VOID | mes (gais.) | | | | |
| ************************************** | ······ | | · | Nell Condition | nne | | | - 100 | |
| Well Riser Type (Circle one): | | Stainle | ss Steel | | on Steel | | DVC | | |
| Casing Condition: | (óĸ) | Repair Require | ·········· | Caro | - OICGI | | PVC | | |
| Cap Condition: | ОК | Repair Require | | | | | | | |
| Paint Condition: | ОК | Repair Require | | | | | | | |
| Lock Condition: | (OK) | Repair Require | | | | | | | |
| Inner Casing Condition: | 6k2 | Repair Require | | | | | | | |
| Surface Seal Condition: | (OK) | Repair Require | | | | | | <u>.,</u> | |
| Other: | | | | | | | | | |
| | | | Pı | urge Informa | tion | | | | |
| Purging Method (Circle one): | | Stainless | Steel Bailer | | ltic Pump | | Sample Port (Pu | maine Melle O | |
| | | | Bailer | | lene Bailer | Other: | Sample Folt (Fu | imping weils o | niy) |
| Well Volume | Gallons Purged (gal) | Temperature (deg C) | Specific Conductivity (mS/cm) | Turbidity (NTU's) | | | Comments | | |
| Comments: | | | Sam | pling Inform | ation | | | | |
| Date: 1/15/05 | ime Sampled: | 1050 | Field Personne | | R C Becken | | | | |
| Measured Water Level (TOR ft.) | | · · · · · · · · · · · · · · · · · · · | , 2,001,730 | | O Deckell | | | | |
| Sampling Method (Circle one): | | Stainless S | iteel Bailer | Peristal | tic Pump | | Sample Port (Pur | maina Welle O | nfu\ |
| | | Tellan | Bailer | | ene Bailer | Other: | Qampie r ort (gai | Inpang vveils Or | ity) |
| Sample I.D. PW-1 | Temperature (deg.C) 52.7 | pH - (S.U.) | Specific Conductivity (mS/cm) O · % 7 | Turbidily (NTU's) 2.95 | | | Comments | | |
| DA/QC Samples Taken: Fee | d Dug IP | ``2_ | | | | | | | |
| Comments: | ***** | | | | | | | | |
| | · | · · · · · · · · · · · · · · · · · · · | | Signature | | | | | |
| Sampler (Print): F | ichard C. Beci | ren . | Sampler (signa | ture): Kiel | _ ور | Beck | | Date: | |

| | | | | MONITORING | M Enterprises WELL SAMPLII BP, Sanborn, N | NG FIELD FORI | V | |
|---------------------|----------------|----------------------------|--|---|---|---|---|-------------------------|
| | ক | _ | T | | | | | |
| Monitoring Well I.I | | 3 | Date: 4 13 | <u> </u> | Time Started: | | Field Personnel: | RC Becken |
| Weather Condition | ns: | | | | | | | |
| Comments: | | | | | | | | |
| | | | | 1 | nitial Readin | | | |
| Measured Well Bo | ofform (TOR - | ff) | | | Riser Pipe Dia | | | |
| Measured Water L | | | | | 1 | ctor (gal/lineal ft | ⊈ in. | NO 0" - 0.47 0" - 0.00 |
| Calculated Water | | | | | (Circle One) | cioi (gasiiiica, ii |) 1.25" = 0 4" = 0.66 | |
| Оле Well Volume | | | | | FiveWell Volur | nes (cals.) | 7 - 0.00 | 6 (6" = 1.50 8" = 2.60 |
| Notes: | | | | | | ilos (goic.) | | |
| | | | | V | Vell Conditio | ns | | |
| Well Riser Type (C | Circle one): | | Stainle | ss Steel > | | n Steel | PVC | , mr 1440 |
| Casing Condition: | | (OK) | Repair Require | | | | | |
| Cap Condition: | | ок | Repair Require | ed: | | | ,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,, | |
| Paint Condition: | | QΚ | Repair Require | ed; | | | | |
| Lock Condition: | | (OK) | Repair Require | | | - | | |
| Inner Casing Cond | dition: | <u> </u> | Repair Require | id: | | | | |
| Surface Seal Cond | dition: | (ok) | Repair Require | :d: | | | | |
| Other: | | | | | CO-INC | | | |
| | | | | Pu | irge Informat | ion | | |
| Purging Method (C | Circle one): | | Stainless : | Steel Bailer | Peristal | tic Pump | Sample Po | rt (Pumping Wells Only) |
| [gallery | | | Teflor | Bailer | Polyethyl | ene Bailer | Other: | |
| | Well Volume | Gallons Purged (gal) | Temperature (deg C) | Specific Conductivity (mS/cm) | Turbidity (NTU's) | | Comments | |
| | | | | | | | | |
| | | | | | | *************************************** | 3 2000 |] |
| Comments: | | | | | 17. 1.5. | | | |
| Date: 4/13/04 | | Time Sampled: | 1445 | | pling Informa | | | |
| Measured Water Le | | | 771) | Field Personne | 1: | R C Becken | | |
| Sampling Method (| | . 70.3 | Cininiana (| Year Delle- | P1 1 - 1 | | | |
| sampling Metriod (| Circle Gile). | | Stainless S Teflon | | Peristalt | | | t (Pumping Wells Only) |
| ¥38 | Sample | Temperature | White the elegation with the con- | Note that the proposed region of the second | Polyethyle | ine Bailer | Other: | |
| l/s | . I.D. | remperature | pН | Specific | Turbidity | | | * * . |
| | | (deg C) | (S.U.) | Conductivity (mS/cm) | ARTUEN | | Comments | |
| D | W-3 | 17.3 | 7:23 | 1.51 | (NTU's) 3-19 | | | |
| | | | | 1121 | 3-17 | | | |
| | | | | | | | | |
| | | | | | | | | ···· |
| | | | ······································ | | | | ************************************** | |
| A/QC Samples Ta | aken: | | | | | | | |
| | aken: | | | | | | | |
| QA/QC Samples Ta | aken: | | | | Signature | | | |

| | | | | MONITORING | M Enterprises WELL SAMPLIN BP, Sanborn, N | IG FIELD FOR | RM | | | |
|---|--|---------------------------------------|---------------------------------------|-------------------------------------|---|---------------------------------------|--|----------------|--|--|
| Monitoring Well I.D.: | DW- | . 4 | Date: 4/16/ | oq | Time Started: | 1300 | Field Per | sonnel: | RC Becken | |
| Weather Conditions: | (C/P.0 | LISUMAL | , wan | | | | | | | |
| Comments: | | | \ | | | | | | | |
| | | | · · · · · · · · · · · · · · · · · · · | ··· | Versen Weigner | | ···· | | | |
| | | | | <u>lı</u> | nitial Reading | gs | | | | |
| Measured Well Botton | | | | | Riser Pipe Dia | neter (in) 🗜 | ≥ 包in. | | | |
| Measured Water Leve | I (TOR - fi |) | | | Conversion Fa | ctor (gal/lineal | ft) | 1,25" = 0.08 | · | 3" = 0.38 |
| Calculated Water Colu | | t (ft) | | | (Circle One) | | | 4" = 0.66 | 6 <u>"=1-50</u> | 8" = 2,60 |
| One Well Volume (gals | 5.} | · · · · · · · · · · · · · · · · · · · | | | FiveWell Volun | nes (gals.) | | | | |
| Notes: | | | | | | | | | | |
| | | | | | Vell Conditio | ns | | | | |
| Well Riser Type (Circle | e one): | | Stainle | ss Steel | Carbo | n Steel | | PVC | | |
| Casing Condition: | | ØK) | Repair Require | ed: | | | | | | |
| Cap Condition: | | | Repair Require | | | | | | | |
| Paint Condition: | | | Repair Require | ed: | | | | | | |
| Lock Condition: | | | Repair Require | | | | | | | |
| Inner Casing Condition | | | Repair Require | | | | | | | |
| Surface Seal Condition | 1: <u> </u> | <u>OK</u> | Repair Require | rd: | | | | | | |
| Other: | | | | | *************************************** | · · · · · · · · · · · · · · · · · · · | | | | |
| | | | | Pu | ırge informat | ion | | | | |
| Purging Method (Circle | one): | | | Steel Bailer | Peristal | ic Pump | | Sample Port (| Pumping Wells O | nly) |
| | | e470 (V-0.000) | Alakari erakan kerenakan | n Baller | Polyethyl | ene Bailer | Other: | | | |
| l de la companya de | Vell lume | Gallons Purged (gal) | Temperature | Specific Conductivity (mS/cm) | Turbidity (NTU's) | | | Comments | | 18.4 (19.0) 19.4 (19.0) 19.4 (19.0) 19.4 (19.0) 19.4 (19.0) 19.4 (19.0) 19.4 (19.0) 19.4 (19.0) 19.4 (19.0) 19 |
| Comments: | | | | | | | | | | |
| | | | | Sam | pling Inform | ation | | | | |
| Date: 4/16/29 | | fime Sampled: | 1300 | Field Personne | d: | R C Becken | | | . 4 | |
| Measured Water Level | | : 8.26 | | | | | | | | |
| Sampling Method (Circ | de one): | | | Steel Bailer | Peristal | ic Pump | | Sample Port (I | Pumping Wells O | nly) |
| | (ABS 250 C 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 | san was some som en en en en en | Teflor | Bailer | Polyethyl | ene Bailer | Other: | | | |
| \$4999000 | mple D: | Temperature | рН | Specific Conductivity | Turbidity | | | Comments | ?************************************* | |
| | | (deg C) | (S.U.) | (mS/cm) | (NTU's) | | | | | |
| Pu | -4, | 53. b | 5.99 | 0.74 | 3,51 | | | | | |
| | <u> </u> | | | <u> </u> | <u> </u> | | ///////////////////////////////////// | | | |
| QA/QC Samples Taker | n: | | | | | | | | | |
| Comments: | ***** | | | | - rameanigh | | | | | |
| | | | | | Signature | | | | | |
| Sampler (Print): | F | Richard C. Becl | еп | Sampler (signa | ture): Teh | alc< | Beele | > | Date: 4/14/ | 9 |

Sampler (Print):

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

| La richina de la calendaria | | Augusta Augusta | 1945 - 15 EA | out Salatina Car | #* jun | | 22 TO 1 | | |
|-----------------------------------|------------------|-----------------------|---|--|-----------------|-----------|---|-----------------|--|
| Monitoring Well I.D.: Quayer | | Date: 4/元/ | 109 | Time Started: | 1245 | Field Per | | RC Becken | \$400 \$100 CONTRACTOR STATES |
| Weather Conditions: 🗥 | Mrs 40° | | | | | | | | |
| Comments: | | | | | | | | | |
| | | ···· | | | | | | | |
| | | | 1 | Initial Reading | | | | 1, Tarana (c | |
| Measured Well Bottom (TOR - | | | | Riser Pipe Dia | meter (in) | 2 in. | | | |
| Measured Water Level (TOR - | | | | Conversion Fa | ctor (gal/linea | al ft) | 1.25" = 0.08 | 2" = 0.17 | 3" = 0.38 |
| Calculated Water Column Hei | ght (ft) | | | (Circle One) | | | 4" = 0.66 | 6" = 1.50 | 8" = 2.60 |
| One Well Volume (gals.) | | | | FiveWell Volun | nes (gals.) | | | | |
| Notes: | | | | | | | | | |
| | | | | Nell Condition | | | | | |
| Well Riser Type (Circle one): | T | 1 | ess Steel | Carbo | n Steel | | PVC | ., | |
| Casing Condition: | OK OK | Repair Require | | | | | | · | |
| Cap Condition: | OK | Repair Require | | | | | | | |
| Paint Condition: | OK OK | Repair Require | | | | | | | |
| Lock Condition: | OK OK | Repair Require | | | | | | | |
| Inner Casing Condition: | OK OK | Repair Require | | | | | | | |
| Surface Seal Condition: Other: | OK | Repair Require | <u>ad:</u> | | | | | | |
| Other. | | | | | | | | | |
| Purging Method (Circle one): | | Ciriologo | | urge Informat | | | | | |
| Purging Method (Oncie one). | | | Steel Bailer n Bailer | | tic Pump | | Sample Port (Pu | mping Wells On | ly) |
| Well | Gallons | Temperature | C. Principal Company of the Company | Polyethyle Turbidity | ene Bailer | Other: | To a superior of the superior | | <u> </u> |
| Volúme | Purged. (gal) | (deg.C) | Conductivity (mS/cm) | (NTU's) | | | Comments | | The state of the s |
| Comments: | | | 2000 | | | | | | |
| Date: 4(20/49 | Ī | 1245 | | pling Informa | | | | | |
| Measured Water Level (TOR ft | Time Sampled: | 14T) | Field Personnel | <u>i:</u> | R C Becken | | | | |
| Sampling Method (Circle one): | | Cininiana (| Ota-I Mailes | Davi-4-11 | · _ | | | | |
| Duniphing mounds (Choic Only) | | Stainless S Teflon | Steel Bailer Bailer | Peristalti Polyethyle | | Call- am | Sample Port (Pur | nping Wells Onl | <u>y)</u> |
| Sample | Temperature | pH | Specific | Turbidity | Tue palier | Other: | | 7 172 | n |
| I.D. | (deg C) | . (S.U.) | Conductivity (mS/cm) | AND PROPERTY OF THE PROPERTY O | | | Comments | | |
| Quarry Pond | 46.5 | F. 10 | (-86 | D 17 | | | | 2.99 | |
| | | 106.60 | 1,00 | - V - 1 - 1 | | | | | |
| | | | | | | | | | |
| | | | | | | | <u> </u> | | |
| QA/QC Samples Taken: | | | | <u> </u> | | | | | |
| Comments: | | | | | | | | | - |
| | | | | Şi gnat ure | | | | | |
| 2 | | | | | 7/ 2 | - 1 | | 11 1 | <u> </u> |
| Sampler (Print): | Richard C. Beck | en l | Sampler (signate | ure). The | DC B | ecki | | Date: ฟานปุจจ | • |

APPENDIX B

LABORATORY DATA REPORTS



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

ANALYTICAL RESULTS

Prepared for:

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

281-366-2000

Prepared by:

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

April 30, 2009

SAMPLE GROUP

The sample group for this submittal is 1141334. Samples arrived at the laboratory on Tuesday, April 21, 2009. The PO# for this group is 0001W-0014 and the release number is BARBER.

| Client Description | <u>Lancaster Labs Number</u> |
|-----------------------------|------------------------------|
| B-10 Water | 5651166 |
| B-22 Water | 5651167 |
| Quarry Pond Water | 5651168 |
| B-38 Water | 5651169 |
| B-21 Water | 5651170 |
| B-21 Matrix Spike Water | 5651171 |
| B-21 Matrix Spike Dup Water | 5651172 |
| B-28 Water | 5651173 |
| | |

METHODOLOGY

The specific methodologies used in obtaining the enclosed analytical results are indicated on the Laboratory Chronicle.

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

1 COPY TO Data Package Group



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

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

Respectfully Submitted,

Susan M. Goshert Group Leader

Susan M Goshert



As Received

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

Page 1 of 3

Lancaster Laboratories Sample No. WW 5651166

Group No. 1141334

As Received

NY

B-10 Water

BP Sanborn COC:

2040 Cory Dr - Sanborn, NY B-10

Collected: 04/20/2009 15:00 by RCB Account Number: 12495

Submitted: 04/21/2009 09:05 Atlantic Richfield(Parsons-NY)

Reported: 04/30/2009 at 16:07 BP Corporation

Discard: 05/31/2009 501 WestLake Park Blvd

Houston TX 77079

SAB10

| CAT No. | Analysis Name | CAS Number | As Received Result | Method Detection Limit* | Limit of Quantitation | Dilution Factor |
|------------|---|------------|-----------------------|-------------------------|--------------------------|--------------------|
| SW-84 | 6 8260B GC/MS Vo | latiles | ug/l | ug/l | ug/l | |
| 00310 | Benzyl Chloride | 100-44-7 | N.D. | 1.0 | 5.0 | 1 |
| 00310 | Bromobenzene | 108-86-1 | N.D. | 1.0 | 5.0 | 1 |
| 06886 | Bromodichloromethane | 75-27-4 | N.D. | 1.0 | 5.0 | 1 |
| 06886 | Bromoform | 75-25-2 | N.D. | 1.0 | 5.0 | 1 |
| 06886 | Bromomethane | 74-83-9 | N.D. | 1.0 | 5.0 | 1 |
| 06886 | Carbon Tetrachloride | 56-23-5 | N.D. | 1.0 | 5.0 | 1 |
| 06886 | Chlorobenzene | 108-90-7 | N.D. | 0.80 | 5.0 | 1 |
| 06886 | Chloroethane | 75-00-3 | N.D. | 1.0 | 5.0 | 1 |
| 00310 | 2-Chloroethyl Vinyl Ether | 110-75-8 | N.D. | 2.0 | 10 | 1 |
| | 2-Chloroethyl vinyl ether may preserve this sample. | | | | | |
| 06886 | Chloroform | 67-66-3 | N.D. | 0.80 | 5.0 | 1 |
| 06886 | Chloromethane | 74-87-3 | N.D. | 1.0 | 5.0 | 1 |
| 06886 | Dibromochloromethane | 124-48-1 | N.D. | 1.0 | 5.0 | 1 |
| 06886 | Dibromomethane | 74-95-3 | N.D. | 1.0 | 5.0 | 1 |
| 00310 | 1,2-Dichlorobenzene | 95-50-1 | N.D. | 1.0 | 5.0 | 1 |
| 00310 | 1,3-Dichlorobenzene | 541-73-1 | N.D. | 1.0 | 5.0 | 1 |
| 00310 | 1,4-Dichlorobenzene | 106-46-7 | N.D. | 1.0 | 5.0 | 1 |
| 06886 | Dichlorodifluoromethane | 75-71-8 | N.D. | 2.0 | 5.0 | 1 |
| 06886 | 1,1-Dichloroethane | 75-34-3 | N.D. | 1.0 | 5.0 | 1 |
| 06886 | 1,2-Dichloroethane | 107-06-2 | N.D. | 1.0 | 5.0 | 1 |
| 06886 | 1,1-Dichloroethene | 75-35-4 | N.D. | 0.80 | 5.0 | 1 |
| 06886 | cis-1,2-Dichloroethene | 156-59-2 | 5.0 | 0.80 | 5.0 | 1 |
| 06886 | trans-1,2-Dichloroethene | 156-60-5 | N.D. | 0.80 | 5.0 | 1 |
| 06886 | 1,2-Dichloropropane | 78-87-5 | N.D. | 1.0 | 5.0 | 1 |
| 06886 | cis-1,3-Dichloropropene | 10061-01-5 | N.D. | 1.0 | 5.0 | 1 |
| 06886 | trans-1,3-Dichloropropene | 10061-02-6 | N.D. | 1.0 | 5.0 | 1 |
| 06886 | Methylene Chloride | 75-09-2 | N.D. | 2.0 | 5.0 | 1 |
| 06886 | 1,1,1,2-Tetrachloroethane | 630-20-6 | N.D. | 1.0 | 5.0 | 1 |
| 06886 | 1,1,2,2-Tetrachloroethane | 79-34-5 | N.D. | 1.0 | 5.0 | 1 |
| 06886 | Tetrachloroethene | 127-18-4 | N.D. | 0.80 | 5.0 | 1 |
| 06886 | 1,1,1-Trichloroethane | 71-55-6 | 3.0 J | 0.80 | 5.0 | 1 |
| 06886 | 1,1,2-Trichloroethane | 79-00-5 | N.D. | 0.80 | 5.0 | 1 |
| 06886 | Trichloroethene | 79-01-6 | 35 | 1.0 | 5.0 | 1 |
| 06886 | Trichlorofluoromethane | 75-69-4 | N.D. | 2.0 | 5.0 | 1 |
| 06886 | 1,2,3-Trichloropropane | 96-18-4 | N.D. | 1.0 | 5.0 | 1 |
| 06886 | Vinyl Chloride | 75-01-4 | N.D. | 1.0 | 5.0 | 1 |
| | pH of the GC/MS volatile fracti | - | | - | ,_ | |
| RSKSO | P-175 08/11/94 GC Misce | llaneous | ug/l | ug/l | ug/l | |
| modif: | ied | | | | | |
| 07105 | Ethane | 74-84-0 | N.D. | 1.0 | 5.0 | 1 |
| 07105 | Ethene | 74-85-1 | N.D. | 1.0 | 5.0 | 1 |
| 07105 | Methane | 74-82-8 | N.D. | 5.0 | 15 | 1 |
| | | | | | - | |
| | 6 6010B Metals | | mg/l | mg/l | mg/l | |
| 01754 | Iron | 7439-89-6 | 1.88 | 0.0522 | 0.200 | 1 |

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



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Page 2 of 3

Lancaster Laboratories Sample No. WW 5651166 Group No. 1141334

NY

B-10 Water

BP Sanborn COC:

2040 Cory Dr - Sanborn, NY B-10

Collected: 04/20/2009 15:00 by RCB Account Number: 12495

Submitted: 04/21/2009 09:05 Atlantic Richfield(Parsons-NY)

Reported: 04/30/2009 at 16:07 BP Corporation

Discard: 05/31/2009 501 WestLake Park Blvd

Houston TX 77079

SAB10

| CAT No. | Analysis Name | | CAS Number | As Receive Result | As Received Method Detection Limit* | As Received Limit of Quantitation | Dilution Factor |
|------------|---------------------|--------|------------|----------------------|---------------------------------------|---|--------------------|
| SW-846 | 6010B | Meta | ls | mg/l | mg/l | mg/l | |
| 07058 | Manganese | | 7439-96-5 | 0.0097 | 0.00084 | 0.0050 | 1 |
| EPA 30 | 0.0 | Wet | Chemistry | mg/l | mg/l | mg/l | |
| 00224 | Chloride | | 16887-00-6 | 270 | 20.0 | 40.0 | 100 |
| 00368 | Nitrate Nitrogen | | 14797-55-8 | 0.65 | 0.25 | 0.50 | 5 |
| 01506 | Nitrite Nitrogen | | 14797-65-0 | N.D. | 0.40 | 0.50 | 5 |
| 00228 | Sulfate | | 14808-79-8 | 66.9 | 1.5 | 5.0 | 5 |
| EPA 41 | L5.1 modified | Wet | Chemistry | mg/l | mg/l | mg/l | |
| 07547 | Dissolved Organic (| Carbon | n.a. | 1.3 | 0.50 | 1.0 | 1 |
| EPA 41 | LO.4 | Wet | Chemistry | mg/l | mg/l | mg/l | |
| 04001 | Chemical Oxygen Dem | nand | n.a. | 29.0 J | 12.8 | 50.0 | 1 |
| SM20 5 | 5210 B | Wet | Chemistry | mg/l | mg/l | mg/l | |
| 00235 | Biochemical Oxygen | Demand | n.a. | N.D. | 4.4 | 4.4 | 1 |

General Sample Comments

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

Laboratory Chronicle

| CAT No. | Analysis Name | Method 7 | rial# | Batch# | Analysis Date and Ti | me | Analyst | Dilution Factor |
|------------|-------------------------------|--------------------|-------|--------------|-------------------------|-------|------------------|--------------------|
| 06886 | Appendix IX by 8260 - water | SW-846 8260B | 1 | Y091132BB | 04/24/2009 | 04:36 | Holly Berry | 1 |
| 00310 | 8260B water special scan | SW-846 8260B | 1 | Y091132BB | 04/24/2009 | 04:36 | Holly Berry | 1 |
| 01163 | GC/MS VOA Water Prep | SW-846 5030B | 1 | Y091132BB | 04/24/2009 | 04:36 | Holly Berry | 1 |
| 07105 | Volatile Headspace | RSKSOP-175 | 1 | 091120000A | 04/23/2009 | 13:45 | Dustin A | 1 |
| | Hydrocarbon | 08/11/94 modified | | | | | Underkoffler | |
| 01754 | Iron | SW-846 6010B | 1 | 091141848003 | 04/25/2009 | 09:16 | Choon Y Tian | 1 |
| 07058 | Manganese | SW-846 6010B | 1 | 091141848003 | 04/25/2009 | 09:16 | Choon Y Tian | 1 |
| 01848 | WW SW846 ICP Digest (tot rec) | SW-846 3005A | 1 | 091141848003 | 04/24/2009 | 19:30 | Mirit S Shenouda | 1 |
| 00224 | Chloride | EPA 300.0 | 1 | 09111196601A | 04/23/2009 | 10:28 | Ashley M Heckman | 100 |
| 00368 | Nitrate Nitrogen | EPA 300.0 | 1 | 09111196601A | 04/21/2009 | 16:54 | Ashley M Heckman | 5 |
| 01506 | Nitrite Nitrogen | EPA 300.0 | 1 | 09111196601A | 04/21/2009 | 16:54 | Ashley M Heckman | 5 |
| 00228 | Sulfate | EPA 300.0 | 1 | 09111196601A | 04/21/2009 | 16:54 | Ashley M Heckman | 5 |
| 07547 | Dissolved Organic Carbon | EPA 415.1 modified | d 1 | 09114049501A | 04/24/2009 | 00:33 | James S Mathiot | 1 |
| 04001 | Chemical Oxygen Demand | EPA 410.4 | 1 | 09114400101B | 04/24/2009 | 07:30 | Susan A Engle | 1 |
| 00235 | Biochemical Oxygen Demand | SM20 5210 B | 1 | 09112023502A | 04/22/2009 | 06:57 | Hannah M Royer | 1 |



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Page 3 of 3



As Received

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Page 1 of 3

Lancaster Laboratories Sample No. WW 5651167 Group No. 1141334

NY

B-22 Water

BP Sanborn COC:

2040 Cory Dr - Sanborn, NY B-22

Collected: 04/20/2009 11:35 by RCB Account Number: 12495

Submitted: 04/21/2009 09:05 Atlantic Richfield(Parsons-NY)

Reported: 04/30/2009 at 16:07 BP Corporation

Discard: 05/31/2009 501 WestLake Park Blvd

Houston TX 77079

As Received

SAB22

| CAT No. | Analysis Name | CAS Number | As Received Result | Method Detection Limit* | Limit of Quantitation | Dilution Factor |
|------------|---|------------------|-----------------------|-------------------------|--------------------------|--------------------|
| SW-84 | 6 8260B GC/MS Vo | latiles | ug/l | ug/l | ug/l | |
| 00310 | Benzyl Chloride | 100-44-7 | N.D. | 1.0 | 5.0 | 1 |
| 00310 | Bromobenzene | 108-86-1 | N.D. | 1.0 | 5.0 | 1 |
| 06886 | Bromodichloromethane | 75-27-4 | N.D. | 1.0 | 5.0 | 1 |
| 06886 | Bromoform | 75-25-2 | N.D. | 1.0 | 5.0 | 1 |
| 06886 | Bromomethane | 74-83-9 | N.D. | 1.0 | 5.0 | 1 |
| 06886 | Carbon Tetrachloride | 56-23-5 | N.D. | 1.0 | 5.0 | 1 |
| 06886 | Chlorobenzene | 108-90-7 | N.D. | 0.80 | 5.0 | 1 |
| 06886 | Chloroethane | 75-00-3 | N.D. | 1.0 | 5.0 | 1 |
| 00310 | 2-Chloroethyl Vinyl Ether | 110-75-8 | N.D. | 2.0 | 10 | 1 |
| | 2-Chloroethyl vinyl ether may preserve this sample. | | | | | |
| 06886 | Chloroform | 67-66-3 | N.D. | 0.80 | 5.0 | 1 |
| 06886 | Chloromethane | 74-87-3 | N.D. | 1.0 | 5.0 | 1 |
| 06886 | Dibromochloromethane | 124-48-1 | N.D. | 1.0 | 5.0 | 1 |
| 06886 | Dibromomethane | 74-95-3 | N.D. | 1.0 | 5.0 | 1 |
| 00310 | 1,2-Dichlorobenzene | 95-50-1 | N.D. | 1.0 | 5.0 | 1 |
| 00310 | 1,3-Dichlorobenzene | 541-73-1 | N.D. | 1.0 | 5.0 | 1 |
| 00310 | 1,4-Dichlorobenzene | 106-46-7 | N.D. | 1.0 | 5.0 | 1 |
| 06886 | Dichlorodifluoromethane | 75-71-8 | N.D. | 2.0 | 5.0 | 1 |
| 06886 | 1,1-Dichloroethane | 75-34-3 | N.D. | 1.0 | 5.0 | 1 |
| 06886 | 1,2-Dichloroethane | 107-06-2 | N.D. | 1.0 | 5.0 | 1 |
| 06886 | 1,1-Dichloroethene | 75-35-4 | N.D. | 0.80 | 5.0 | 1 |
| 06886 | cis-1,2-Dichloroethene | 156-59-2 | 150 | 0.80 | 5.0 | 1 |
| 06886 | trans-1,2-Dichloroethene | 156-60-5 | 3.8 J | 0.80 | 5.0 | 1 |
| 06886 | 1,2-Dichloropropane | 78-87-5 | N.D. | 1.0 | 5.0 | 1 |
| 06886 | cis-1,3-Dichloropropene | 10061-01-5 | N.D. | 1.0 | 5.0 | 1 |
| 06886 | trans-1,3-Dichloropropene | 10061-02-6 | N.D. | 1.0 | 5.0 | 1 |
| 06886 | Methylene Chloride | 75-09-2 | N.D. | 2.0 | 5.0 | 1 |
| 06886 | 1,1,1,2-Tetrachloroethane | 630-20-6 | N.D. | 1.0 | 5.0 | 1 |
| 06886 | 1,1,2,2-Tetrachloroethane | 79-34-5 | N.D. | 1.0 | 5.0 | 1 |
| 06886 | Tetrachloroethene | 127-18-4 | N.D. | 0.80 | 5.0 | 1 |
| 06886 | 1,1,1-Trichloroethane | 71-55-6 | N.D. | 0.80 | 5.0 | 1 |
| 06886 | 1,1,2-Trichloroethane | 79-00-5 | N.D. | 0.80 | 5.0 | 1 |
| 06886 | Trichloroethene | 79-01-6 | 39 | 1.0 | 5.0 | 1 |
| 06886 | Trichlorofluoromethane | 75-69-4 | N.D. | 2.0 | 5.0 | 1 |
| 06886 | 1,2,3-Trichloropropane | 96-18-4 | N.D. | 1.0 | 5.0 | 1 |
| 06886 | Vinyl Chloride pH of the GC/MS volatile fraction | 75-01-4 | 9.9 | 1.0 | 5.0 | 1 |
| 1110 | ph of the de, no voidelle fideele | n was pir - / ac | . che cime di dh | aryoro. | | |
| RSKSO | P-175 08/11/94 GC Misce | llaneous | ug/l | ug/l | ug/l | |
| modif: | ied | | | | | |
| 07105 | Ethane | 74-84-0 | N.D. | 1.0 | 5.0 | 1 |
| 07105 | Ethene | 74-85-1 | N.D. | 1.0 | 5.0 | 1 |
| 07105 | Methane | 74-82-8 | 6.4 J | 5.0 | 15 | 1 |
| . = | | | - | | - | |
| SW-84 | 6 6010B Metals | | mg/l | mg/l | mg/l | |
| 01754 | Iron | 7439-89-6 | 0.107 J | 0.0522 | 0.200 | 1 |

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



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Page 2 of 3

Lancaster Laboratories Sample No. WW 5651167

Group No. 1141334

NY

B-22 Water

BP Sanborn COC:

2040 Cory Dr - Sanborn, NY B-22

Collected: 04/20/2009 11:35 by RCB Account Number: 12495

Submitted: 04/21/2009 09:05 Atlantic Richfield(Parsons-NY)

Reported: 04/30/2009 at 16:07 BP Corporation

Discard: 05/31/2009 501 WestLake Park Blvd

Houston TX 77079

SAB22

| CAT No. | Analysis Name | | CAS Number | As Rece Result | ived | As Received Method Detection Limit* | As Received Limit of Quantitation | Dilution Factor |
|------------|---------------------|--------|------------|-------------------|------|---|---|--------------------|
| SW-846 | 6010B | Metal | 5 | mg/l | | mg/l | mg/l | |
| 07058 | Manganese | | 7439-96-5 | 0.0145 | | 0.00084 | 0.0050 | 1 |
| EPA 30 | 0.0 | Wet C | hemistry | mg/l | | mg/l | mg/l | |
| 00224 | Chloride | | 16887-00-6 | 85.7 | | 4.0 | 8.0 | 20 |
| 00368 | Nitrate Nitrogen | | 14797-55-8 | N.D. | | 0.25 | 0.50 | 5 |
| 01506 | Nitrite Nitrogen | | 14797-65-0 | N.D. | | 0.40 | 0.50 | 5 |
| 00228 | Sulfate | | 14808-79-8 | 443 | | 15.0 | 50.0 | 50 |
| EPA 41 | .5.1 modified | Wet C | hemistry | mg/l | | mg/l | mg/l | |
| 07547 | Dissolved Organic O | arbon! | n.a. | 1.6 | | 0.50 | 1.0 | 1 |
| EPA 41 | .0.4 | Wet C | hemistry | mg/l | | mg/l | mg/l | |
| 04001 | Chemical Oxygen Dem | and | n.a. | 15.3 | J | 12.8 | 50.0 | 1 |
| SM20 5 | 210 B | Wet C | hemistry | mg/l | | mg/l | mg/l | |
| 00235 | Biochemical Oxygen | | n.a. | N.D. | | 5.3 | 5.3 | 1 |

General Sample Comments

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

Laboratory Chronicle

| CAT No. | Analysis Name | Method | Trial# | Batch# | Analysis Date and Ti | me | Analyst | Dilution Factor |
|------------|-------------------------------|-------------------|--------|--------------|-------------------------|-------|------------------|--------------------|
| 06886 | Appendix IX by 8260 - water | SW-846 8260B | 1 | Y091132BB | 04/24/2009 | 04:57 | Holly Berry | 1 |
| 00310 | 8260B water special scan | SW-846 8260B | 1 | Y091132BB | 04/24/2009 | 04:57 | Holly Berry | 1 |
| 01163 | GC/MS VOA Water Prep | SW-846 5030B | 1 | Y091132BB | 04/24/2009 | 04:57 | Holly Berry | 1 |
| 07105 | Volatile Headspace | RSKSOP-175 | 1 | 091120000A | 04/23/2009 | 14:00 | Dustin A | 1 |
| | Hydrocarbon | 08/11/94 modified | | | | | Underkoffler | |
| 01754 | Iron | SW-846 6010B | 1 | 091141848003 | 04/25/2009 | 08:51 | Choon Y Tian | 1 |
| 07058 | Manganese | SW-846 6010B | 1 | 091141848003 | 04/25/2009 | 08:51 | Choon Y Tian | 1 |
| 01848 | WW SW846 ICP Digest (tot rec) | SW-846 3005A | 1 | 091141848003 | 04/24/2009 | 19:30 | Mirit S Shenouda | 1 |
| 00224 | Chloride | EPA 300.0 | 1 | 09111196601A | 04/23/2009 | 12:02 | Ashley M Heckman | 20 |
| 00368 | Nitrate Nitrogen | EPA 300.0 | 1 | 09111196601A | 04/21/2009 | 18:12 | Ashley M Heckman | 5 |
| 01506 | Nitrite Nitrogen | EPA 300.0 | 1 | 09111196601A | 04/21/2009 | 18:12 | Ashley M Heckman | 5 |
| 00228 | Sulfate | EPA 300.0 | 1 | 09111196601A | 04/23/2009 | 12:17 | Ashley M Heckman | 50 |
| 07547 | Dissolved Organic Carbon | EPA 415.1 modifie | d 1 | 09114049501A | 04/24/2009 | 00:54 | James S Mathiot | 1 |
| 04001 | Chemical Oxygen Demand | EPA 410.4 | 1 | 09114400101B | 04/24/2009 | 07:30 | Susan A Engle | 1 |
| 00235 | Biochemical Oxygen Demand | SM20 5210 B | 1 | 09112023502A | 04/22/2009 | 06:57 | Hannah M Royer | 1 |



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Page 3 of 3



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Page 1 of 2

Lancaster Laboratories Sample No. WW 5651168

Group No. 1141334

Quarry Pond Water BP Sanborn COC:

2040 Cory Dr - Sanborn, NY Quarry Pon

Collected: 04/20/2009 12:45 by RCB Account Number: 12495

Submitted: 04/21/2009 09:05 Atlantic Richfield(Parsons-NY)

Reported: 04/30/2009 at 16:07 BP Corporation

501 WestLake Park Blvd Discard: 05/31/2009

Houston TX 77079

SQUPO

| CAT No. | Analysis Name | | CAS Number | As Received Result | As Received Method Detection Limit* | As Received Limit of Quantitation | Dilution Factor |
|------------|--|--------------|-----------------|-----------------------|---|---|--------------------|
| SW-84 | 5 8260B | GC/MS Vol | atiles | ug/l | ug/l | ug/l | |
| 00310 | Benzyl Chloride | | 100-44-7 | N.D. | 1.0 | 5.0 | 1 |
| 00310 | Bromobenzene | | 108-86-1 | N.D. | 1.0 | 5.0 | 1 |
| 06886 | Bromodichloromethane | <u> </u> | 75-27-4 | N.D. | 1.0 | 5.0 | 1 |
| 06886 | Bromoform | | 75-25-2 | N.D. | 1.0 | 5.0 | 1 |
| 06886 | Bromomethane | | 74-83-9 | N.D. | 1.0 | 5.0 | 1 |
| 06886 | Carbon Tetrachloride | <u> </u> | 56-23-5 | N.D. | 1.0 | 5.0 | 1 |
| 06886 | Chlorobenzene | | 108-90-7 | N.D. | 0.80 | 5.0 | 1 |
| 06886 | Chloroethane | | 75-00-3 | N.D. | 1.0 | 5.0 | 1 |
| 00310 | 2-Chloroethyl Vinyl | Ether | 110-75-8 | N.D. | 2.0 | 10 | 1 |
| | 2-Chloroethyl vinyl preserve this sample | | ot be recovered | if acid was use | ed to | | |
| 06886 | Chloroform | | 67-66-3 | N.D. | 0.80 | 5.0 | 1 |
| 06886 | Chloromethane | | 74-87-3 | N.D. | 1.0 | 5.0 | 1 |
| 06886 | Dibromochloromethane | : | 124-48-1 | N.D. | 1.0 | 5.0 | 1 |
| 06886 | Dibromomethane | | 74-95-3 | N.D. | 1.0 | 5.0 | 1 |
| 00310 | 1,2-Dichlorobenzene | | 95-50-1 | N.D. | 1.0 | 5.0 | 1 |
| 00310 | 1,3-Dichlorobenzene | | 541-73-1 | N.D. | 1.0 | 5.0 | 1 |
| 00310 | 1,4-Dichlorobenzene | | 106-46-7 | N.D. | 1.0 | 5.0 | 1 |
| 06886 | Dichlorodifluorometh | nane | 75-71-8 | N.D. | 2.0 | 5.0 | 1 |
| 06886 | 1,1-Dichloroethane | | 75-34-3 | N.D. | 1.0 | 5.0 | 1 |
| 06886 | 1,2-Dichloroethane | | 107-06-2 | N.D. | 1.0 | 5.0 | 1 |
| 06886 | 1,1-Dichloroethene | | 75-35-4 | N.D. | 0.80 | 5.0 | 1 |
| 06886 | cis-1,2-Dichloroethe | ene | 156-59-2 | N.D. | 0.80 | 5.0 | 1 |
| 06886 | trans-1,2-Dichloroet | hene | 156-60-5 | N.D. | 0.80 | 5.0 | 1 |
| 06886 | 1,2-Dichloropropane | | 78-87-5 | N.D. | 1.0 | 5.0 | 1 |
| 06886 | cis-1,3-Dichloroprop | | 10061-01-5 | N.D. | 1.0 | 5.0 | 1 |
| 06886 | trans-1,3-Dichloropr | ropene | 10061-02-6 | N.D. | 1.0 | 5.0 | 1 |
| 06886 | Methylene Chloride | | 75-09-2 | N.D. | 2.0 | 5.0 | 1 |
| 06886 | 1,1,1,2-Tetrachloroe | | 630-20-6 | N.D. | 1.0 | 5.0 | 1 |
| 06886 | 1,1,2,2-Tetrachloroe | thane | 79-34-5 | N.D. | 1.0 | 5.0 | 1 |
| 06886 | Tetrachloroethene | | 127-18-4 | N.D. | 0.80 | 5.0 | 1 |
| 06886 | 1,1,1-Trichloroethar | | 71-55-6 | N.D. | 0.80 | 5.0 | 1 |
| 06886 | 1,1,2-Trichloroethar | ie | 79-00-5 | N.D. | 0.80 | 5.0 | 1 |
| 06886 | Trichloroethene | | 79-01-6 | N.D. | 1.0 | 5.0 | 1 |
| 06886 | Trichlorofluorometha | | 75-69-4 | N.D. | 2.0 | 5.0 | 1 |
| 06886 | 1,2,3-Trichloropropa | ine | 96-18-4 | N.D. | 1.0 | 5.0 | 1 |
| 06886 | Vinyl Chloride | | 75-01-4 | N.D. | 1.0 | 5.0 | 1 |
| The : | pH of the GC/MS volat | ile fraction | was pH = 7 at | the time of ana | lysis. | | |

General Sample Comments

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



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Page 2 of 2

Lancaster Laboratories Sample No. WW 5651168

Group No. 1141334

Quarry Pond Water BP Sanborn COC:

2040 Cory Dr - Sanborn, NY Quarry Pon

Account Number: 12495 Collected: 04/20/2009 12:45 by RCB

Submitted: 04/21/2009 09:05

Reported: 04/30/2009 at 16:07

Discard: 05/31/2009

Atlantic Richfield(Parsons-NY) BP Corporation

501 WestLake Park Blvd

Houston TX 77079

SQUPO

| | Laboratory Chronicle | | | | | | | | | |
|------------|-----------------------------|--------------|--------|-----------|---------------------------|-------------|--------------------|--|--|--|
| CAT No. | Analysis Name | Method | Trial# | Batch# | Analysis Date and Time | Analyst | Dilution Factor | | | |
| 06886 | Appendix IX by 8260 - water | SW-846 8260B | 1 | Y091132BB | 04/24/2009 05:18 | Holly Berry | 1 | | | |
| 00310 | 8260B water special scan | SW-846 8260B | 1 | Y091132BB | 04/24/2009 05:18 | Holly Berry | 1 | | | |
| 01163 | GC/MS VOA Water Prep | SW-846 5030B | 1 | Y091132BB | 04/24/2009 05:18 | Holly Berry | 1 | | | |



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Page 1 of 2

Lancaster Laboratories Sample No. WW 5651169 Group No. 1141334

B-38 Water

BP Sanborn COC:

2040 Cory Dr - Sanborn, NY B-38

Collected: 04/20/2009 12:35 Account Number: 12495 by RCB

Submitted: 04/21/2009 09:05 Atlantic Richfield(Parsons-NY)

Reported: 04/30/2009 at 16:07 BP Corporation

501 WestLake Park Blvd Discard: 05/31/2009

Houston TX 77079

SAB38

| CAT No. | Analysis Name | | CAS Number | As Received Result | As Received Method Detection Limit* | As Received Limit of Quantitation | Dilution Factor |
|------------|---|--------------|-------------------|-----------------------|---|---|--------------------|
| SW-84 | 6 8260B | GC/MS Vol | atiles | ug/l | ug/l | ug/l | |
| 00310 | Benzyl Chloride | | 100-44-7 | N.D. | 1.0 | 5.0 | 1 |
| 00310 | Bromobenzene | | 108-86-1 | N.D. | 1.0 | 5.0 | 1 |
| 06886 | Bromodichloromethan | ie | 75-27-4 | N.D. | 1.0 | 5.0 | 1 |
| 06886 | Bromoform | | 75-25-2 | N.D. | 1.0 | 5.0 | 1 |
| 06886 | Bromomethane | | 74-83-9 | N.D. | 1.0 | 5.0 | 1 |
| 06886 | Carbon Tetrachlorid | le | 56-23-5 | N.D. | 1.0 | 5.0 | 1 |
| 06886 | Chlorobenzene | | 108-90-7 | N.D. | 0.80 | 5.0 | 1 |
| 06886 | Chloroethane | | 75-00-3 | N.D. | 1.0 | 5.0 | 1 |
| 00310 | 2-Chloroethyl Vinyl | Ether | 110-75-8 | N.D. | 2.0 | 10 | 1 |
| | 2-Chloroethyl vinyl preserve this sampl | | ot be recovered | l if acid was u | sed to | | |
| 06886 | Chloroform | | 67-66-3 | N.D. | 0.80 | 5.0 | 1 |
| 06886 | Chloromethane | | 74-87-3 | N.D. | 1.0 | 5.0 | 1 |
| 06886 | Dibromochloromethan | ie | 124-48-1 | N.D. | 1.0 | 5.0 | 1 |
| 06886 | Dibromomethane | | 74-95-3 | N.D. | 1.0 | 5.0 | 1 |
| 00310 | 1,2-Dichlorobenzene | | 95-50-1 | N.D. | 1.0 | 5.0 | 1 |
| 00310 | 1,3-Dichlorobenzene | : | 541-73-1 | N.D. | 1.0 | 5.0 | 1 |
| 00310 | 1,4-Dichlorobenzene | : | 106-46-7 | N.D. | 1.0 | 5.0 | 1 |
| 06886 | Dichlorodifluoromet | hane | 75-71-8 | N.D. | 2.0 | 5.0 | 1 |
| 06886 | 1,1-Dichloroethane | | 75-34-3 | N.D. | 1.0 | 5.0 | 1 |
| 06886 | 1,2-Dichloroethane | | 107-06-2 | N.D. | 1.0 | 5.0 | 1 |
| 06886 | 1,1-Dichloroethene | | 75-35-4 | N.D. | 0.80 | 5.0 | 1 |
| 06886 | cis-1,2-Dichloroeth | iene | 156-59-2 | 64 | 0.80 | 5.0 | 1 |
| 06886 | trans-1,2-Dichloroe | thene | 156-60-5 | 1.0 J | 0.80 | 5.0 | 1 |
| 06886 | 1,2-Dichloropropane | | 78-87-5 | N.D. | 1.0 | 5.0 | 1 |
| 06886 | cis-1,3-Dichloropro | | 10061-01-5 | N.D. | 1.0 | 5.0 | 1 |
| 06886 | trans-1,3-Dichlorop | ropene | 10061-02-6 | N.D. | 1.0 | 5.0 | 1 |
| 06886 | Methylene Chloride | | 75-09-2 | N.D. | 2.0 | 5.0 | 1 |
| 06886 | 1,1,1,2-Tetrachloro | | 630-20-6 | N.D. | 1.0 | 5.0 | 1 |
| 06886 | 1,1,2,2-Tetrachloro | ethane | 79-34-5 | N.D. | 1.0 | 5.0 | 1 |
| 06886 | Tetrachloroethene | | 127-18-4 | N.D. | 0.80 | 5.0 | 1 |
| 06886 | 1,1,1-Trichloroetha | | 71-55-6 | N.D. | 0.80 | 5.0 | 1 |
| | 1,1,2-Trichloroetha | ine | 79-00-5 | N.D. | 0.80 | 5.0 | 1 |
| 06886 | Trichloroethene | | 79-01-6 | 23 | 1.0 | 5.0 | 1 |
| 06886 | Trichlorofluorometh | | 75-69-4 | N.D. | 2.0 | 5.0 | 1 |
| 06886 | 1,2,3-Trichloroprop | oane | 96-18-4 | N.D. | 1.0 | 5.0 | 1 |
| 06886 | Vinyl Chloride | | 75-01-4 | 2.0 J | 1.0 | 5.0 | 1 |
| The | pH of the GC/MS vola | tile fractio | n was $pH = 7$ at | the time of a | nalysis. | | |

General Sample Comments

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



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Page 2 of 2

Lancaster Laboratories Sample No. WW 5651169 Group No. 1141334

NY

B-38 Water
BP Sanborn COC:

2040 Cory Dr - Sanborn, NY B-38

Collected: 04/20/2009 12:35 by RCB Account Number: 12495

Submitted: 04/21/2009 09:05 Atlantic Richfield(Parsons-NY)

Reported: 04/30/2009 at 16:07 BP Corporation

Discard: 05/31/2009 501 WestLake Park Blvd

Houston TX 77079

SAB38

Laboratory Chronicle CAT Analysis Name Method Trial# Batch# Analysis Analyst Dilution No. Date and Time Factor 06886 Appendix IX by 8260 - water SW-846 8260B 1 Y091132BB 04/24/2009 05:38 Holly Berry 00310 8260B water special scan SW-846 8260B 1 Y091132BB 04/24/2009 05:38 Holly Berry 1 01163 GC/MS VOA Water Prep SW-846 5030B 1 Y091132BB 04/24/2009 05:38 Holly Berry



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Page 1 of 2

Lancaster Laboratories Sample No. WW 5651170 Group No. 1141334

B-21 Water

BP Sanborn COC:

2040 Cory Dr - Sanborn, NY B-21

Collected: 04/20/2009 10:30 by RCB Account Number: 12495

Submitted: 04/21/2009 09:05 Atlantic Richfield(Parsons-NY)

Reported: 04/30/2009 at 16:07 BP Corporation

501 WestLake Park Blvd Discard: 05/31/2009

Houston TX 77079

SAB21

| CAT No. | Analysis Name | | CAS Number | As Received Result | As Received Method Detection Limit* | As Received Limit of Quantitation | Dilution Factor |
|------------|--|--------------|-----------------|-----------------------|---|---|--------------------|
| SW-84 | 5 8260B | GC/MS Vol | atiles | ug/l | ug/l | ug/l | |
| 00310 | Benzyl Chloride | | 100-44-7 | N.D. | 1.0 | 5.0 | 1 |
| 00310 | Bromobenzene | | 108-86-1 | N.D. | 1.0 | 5.0 | 1 |
| 06886 | Bromodichloromethane | <u> </u> | 75-27-4 | N.D. | 1.0 | 5.0 | 1 |
| 06886 | Bromoform | | 75-25-2 | N.D. | 1.0 | 5.0 | 1 |
| 06886 | Bromomethane | | 74-83-9 | N.D. | 1.0 | 5.0 | 1 |
| 06886 | Carbon Tetrachloride | <u> </u> | 56-23-5 | N.D. | 1.0 | 5.0 | 1 |
| 06886 | Chlorobenzene | | 108-90-7 | N.D. | 0.80 | 5.0 | 1 |
| 06886 | Chloroethane | | 75-00-3 | N.D. | 1.0 | 5.0 | 1 |
| 00310 | 2-Chloroethyl Vinyl | Ether | 110-75-8 | N.D. | 2.0 | 10 | 1 |
| | 2-Chloroethyl vinyl preserve this sample | | ot be recovered | if acid was use | ed to | | |
| 06886 | Chloroform | | 67-66-3 | N.D. | 0.80 | 5.0 | 1 |
| 06886 | Chloromethane | | 74-87-3 | N.D. | 1.0 | 5.0 | 1 |
| 06886 | Dibromochloromethane | : | 124-48-1 | N.D. | 1.0 | 5.0 | 1 |
| 06886 | Dibromomethane | | 74-95-3 | N.D. | 1.0 | 5.0 | 1 |
| 00310 | 1,2-Dichlorobenzene | | 95-50-1 | N.D. | 1.0 | 5.0 | 1 |
| 00310 | 1,3-Dichlorobenzene | | 541-73-1 | N.D. | 1.0 | 5.0 | 1 |
| 00310 | 1,4-Dichlorobenzene | | 106-46-7 | N.D. | 1.0 | 5.0 | 1 |
| 06886 | Dichlorodifluorometh | nane | 75-71-8 | N.D. | 2.0 | 5.0 | 1 |
| 06886 | 1,1-Dichloroethane | | 75-34-3 | N.D. | 1.0 | 5.0 | 1 |
| 06886 | 1,2-Dichloroethane | | 107-06-2 | N.D. | 1.0 | 5.0 | 1 |
| 06886 | 1,1-Dichloroethene | | 75-35-4 | N.D. | 0.80 | 5.0 | 1 |
| 06886 | cis-1,2-Dichloroethe | ene | 156-59-2 | N.D. | 0.80 | 5.0 | 1 |
| 06886 | trans-1,2-Dichloroet | hene | 156-60-5 | N.D. | 0.80 | 5.0 | 1 |
| 06886 | 1,2-Dichloropropane | | 78-87-5 | N.D. | 1.0 | 5.0 | 1 |
| 06886 | cis-1,3-Dichloroprop | | 10061-01-5 | N.D. | 1.0 | 5.0 | 1 |
| 06886 | trans-1,3-Dichloropr | ropene | 10061-02-6 | N.D. | 1.0 | 5.0 | 1 |
| 06886 | Methylene Chloride | | 75-09-2 | N.D. | 2.0 | 5.0 | 1 |
| 06886 | 1,1,1,2-Tetrachloroe | | 630-20-6 | N.D. | 1.0 | 5.0 | 1 |
| 06886 | 1,1,2,2-Tetrachloroe | thane | 79-34-5 | N.D. | 1.0 | 5.0 | 1 |
| 06886 | Tetrachloroethene | | 127-18-4 | N.D. | 0.80 | 5.0 | 1 |
| 06886 | 1,1,1-Trichloroethar | | 71-55-6 | N.D. | 0.80 | 5.0 | 1 |
| 06886 | 1,1,2-Trichloroethar | ie | 79-00-5 | N.D. | 0.80 | 5.0 | 1 |
| 06886 | Trichloroethene | | 79-01-6 | N.D. | 1.0 | 5.0 | 1 |
| 06886 | Trichlorofluorometha | | 75-69-4 | N.D. | 2.0 | 5.0 | 1 |
| 06886 | 1,2,3-Trichloropropa | ine | 96-18-4 | N.D. | 1.0 | 5.0 | 1 |
| 06886 | Vinyl Chloride | | 75-01-4 | N.D. | 1.0 | 5.0 | 1 |
| The : | pH of the GC/MS volat | ile fraction | was pH = 7 at | the time of ana | lysis. | | |

General Sample Comments

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



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Page 2 of 2

Lancaster Laboratories Sample No. WW 5651170 Group No. 1141334

NY

B-21 Water
BP Sanborn COC:

Discard: 05/31/2009

2040 Cory Dr - Sanborn, NY B-21

Collected: 04/20/2009 10:30 by RCB Account Number: 12495

Submitted: 04/21/2009 09:05 Atlantic Richfield(Parsons-NY)

Reported: 04/30/2009 at 16:07 BP Corporation

501 WestLake Park Blvd

Houston TX 77079

SAB21

Laboratory Chronicle CAT Analysis Name Method Trial# Batch# Analyst Dilution No. Date and Time Factor 06886 Appendix IX by 8260 - water SW-846 8260B 1 Y091132BB 04/24/2009 02:33 Holly Berry 00310 8260B water special scan SW-846 8260B 1 Y091132BB 04/24/2009 02:33 Holly Berry 1 01163 GC/MS VOA Water Prep SW-846 5030B 1 Y091132BB 04/24/2009 02:33 Holly Berry



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Page 1 of 2

Lancaster Laboratories Sample No. WW 5651171 Group No. 1141334

B-21 Matrix Spike Water

BP Sanborn COC:

2040 Cory Dr - Sanborn, NY B-21

Collected: 04/20/2009 10:30 by RCB Account Number: 12495

Submitted: 04/21/2009 09:05 Atlantic Richfield(Parsons-NY)

Reported: 04/30/2009 at 16:07 BP Corporation

501 WestLake Park Blvd Discard: 05/31/2009

Houston TX 77079

SAB21

| CAT No. | Analysis Name | | CAS Number | As Received Result | As Received Method Detection Limit* | As Received Limit of Quantitation | Dilution Factor |
|------------|--|-------------|-----------------|-----------------------|---|---|--------------------|
| SW-84 | 5 8260B (| GC/MS Vola | atiles | ug/l | ug/l | ug/l | |
| 00310 | Benzyl Chloride | | 100-44-7 | 16 | 1.0 | 5.0 | 1 |
| 00310 | Bromobenzene | | 108-86-1 | 20 | 1.0 | 5.0 | 1 |
| 06886 | Bromodichloromethane | | 75-27-4 | 21 | 1.0 | 5.0 | 1 |
| 06886 | Bromoform | | 75-25-2 | 21 | 1.0 | 5.0 | 1 |
| 06886 | Bromomethane | | 74-83-9 | 21 | 1.0 | 5.0 | 1 |
| 06886 | Carbon Tetrachloride | | 56-23-5 | 23 | 1.0 | 5.0 | 1 |
| 06886 | Chlorobenzene | | 108-90-7 | 21 | 0.80 | 5.0 | 1 |
| 06886 | Chloroethane | | 75-00-3 | 20 | 1.0 | 5.0 | 1 |
| 00310 | 2-Chloroethyl Vinyl B | Ether | 110-75-8 | 18 | 2.0 | 10 | 1 |
| | 2-Chloroethyl vinyl e preserve this sample | | t be recovered | if acid was use | ed to | | |
| 06886 | Chloroform | | 67-66-3 | 21 | 0.80 | 5.0 | 1 |
| 06886 | Chloromethane | | 74-87-3 | 22 | 1.0 | 5.0 | 1 |
| 06886 | Dibromochloromethane | | 124-48-1 | 21 | 1.0 | 5.0 | 1 |
| 06886 | Dibromomethane | | 74-95-3 | 20 | 1.0 | 5.0 | 1 |
| 00310 | 1,2-Dichlorobenzene | | 95-50-1 | 20 | 1.0 | 5.0 | 1 |
| 00310 | 1,3-Dichlorobenzene | | 541-73-1 | 21 | 1.0 | 5.0 | 1 |
| 00310 | 1,4-Dichlorobenzene | | 106-46-7 | 21 | 1.0 | 5.0 | 1 |
| 06886 | Dichlorodifluorometha | ane | 75-71-8 | 24 | 2.0 | 5.0 | 1 |
| 06886 | 1,1-Dichloroethane | | 75-34-3 | 21 | 1.0 | 5.0 | 1 |
| 06886 | 1,2-Dichloroethane | | 107-06-2 | 20 | 1.0 | 5.0 | 1 |
| 06886 | 1,1-Dichloroethene | | 75-35-4 | 24 | 0.80 | 5.0 | 1 |
| 06886 | cis-1,2-Dichloroether | ne | 156-59-2 | 22 | 0.80 | 5.0 | 1 |
| 06886 | trans-1,2-Dichloroeth | nene | 156-60-5 | 23 | 0.80 | 5.0 | 1 |
| 06886 | 1,2-Dichloropropane | | 78-87-5 | 21 | 1.0 | 5.0 | 1 |
| 06886 | cis-1,3-Dichloroprope | | 10061-01-5 | 20 | 1.0 | 5.0 | 1 |
| 06886 | trans-1,3-Dichloropro | opene | 10061-02-6 | 19 | 1.0 | 5.0 | 1 |
| 06886 | Methylene Chloride | | 75-09-2 | 22 | 2.0 | 5.0 | 1 |
| 06886 | 1,1,1,2-Tetrachloroet | | 630-20-6 | 21 | 1.0 | 5.0 | 1 |
| 06886 | 1,1,2,2-Tetrachloroet | hane | 79-34-5 | 18 | 1.0 | 5.0 | 1 |
| 06886 | Tetrachloroethene | | 127-18-4 | 24 | 0.80 | 5.0 | 1 |
| 06886 | 1,1,1-Trichloroethane | | 71-55-6 | 22 | 0.80 | 5.0 | 1 |
| 06886 | 1,1,2-Trichloroethane | 9 | 79-00-5 | 20 | 0.80 | 5.0 | 1 |
| 06886 | Trichloroethene | | 79-01-6 | 22 | 1.0 | 5.0 | 1 |
| 06886 | Trichlorofluoromethan | | 75-69-4 | 22 | 2.0 | 5.0 | 1 |
| 06886 | 1,2,3-Trichloropropar | ne | 96-18-4 | 18 | 1.0 | 5.0 | 1 |
| 06886 | Vinyl Chloride | | 75-01-4 | 19 | 1.0 | 5.0 | 1 |
| The | pH of the GC/MS volati | le fraction | was $pH = 7$ at | the time of ana | lysis. | | |

General Sample Comments

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



Atlantic Richfield(Parsons-NY)

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Page 2 of 2

Lancaster Laboratories Sample No. WW 5651171 Group No. 1141334

NY

B-21 Matrix Spike Water

BP Sanborn COC:

2040 Cory Dr - Sanborn, NY B-21

Collected: 04/20/2009 10:30 by RCB Account Number: 12495

Submitted: 04/21/2009 09:05

Reported: 04/30/2009 at 16:07 BP Corporation

Discard: 05/31/2009 501 WestLake Park Blvd

Houston TX 77079

SAB21

| Laboratory Chronicle | | | | | | | | | |
|----------------------|--|------------------------------|--------|------------------------|----------------------------------|----------------|--------------------|--|--|
| CAT No. | Analysis Name | Method | Trial# | Batch# | Analysis Date and Time | Analyst | Dilution Factor | | |
| 06886 | Appendix IX by 8260 - water | SW-846 8260B | 1 | Y091132BB | 04/24/2009 02: | 54 Holly Berry | 1 | | |
| | 8260B water special scan GC/MS VOA Water Prep | SW-846 8260B SW-846 5030B | 1 1 | Y091132BB Y091132BB | 04/24/2009 02: 04/24/2009 02: | - 1 | 1 1 | | |



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Page 1 of 2

Lancaster Laboratories Sample No. WW 5651172 Group No. 1141334

B-21 Matrix Spike Dup Water

BP Sanborn COC:

2040 Cory Dr - Sanborn, NY B-21

Collected: 04/20/2009 10:30 by RCB Account Number: 12495

Submitted: 04/21/2009 09:05 Atlantic Richfield(Parsons-NY)

Reported: 04/30/2009 at 16:07 BP Corporation

Discard: 05/31/2009 501 WestLake Park Blvd

Houston TX 77079

SAB21

| CAT No. | Analysis Name | | CAS Number | As Received Result | Method Detection Limit* | As Received Limit of Quantitation | Dilution Factor |
|------------|--|------------|---------------|-----------------------|-------------------------|---|--------------------|
| SW-84 | 6 8260B GG | C/MS Vola | atiles | ug/l | ug/l | ug/l | |
| 00310 | Benzyl Chloride | | 100-44-7 | 16 | 1.0 | 5.0 | 1 |
| 00310 | Bromobenzene | | 108-86-1 | 20 | 1.0 | 5.0 | 1 |
| 06886 | Bromodichloromethane | | 75-27-4 | 21 | 1.0 | 5.0 | 1 |
| 06886 | Bromoform | | 75-25-2 | 22 | 1.0 | 5.0 | 1 |
| 06886 | Bromomethane | | 74-83-9 | 21 | 1.0 | 5.0 | 1 |
| 06886 | Carbon Tetrachloride | | 56-23-5 | 23 | 1.0 | 5.0 | 1 |
| 06886 | Chlorobenzene | | 108-90-7 | 21 | 0.80 | 5.0 | 1 |
| 06886 | Chloroethane | | 75-00-3 | 20 | 1.0 | 5.0 | 1 |
| 00310 | 2-Chloroethyl Vinyl Et | her | 110-75-8 | 19 | 2.0 | 10 | 1 |
| | 2-Chloroethyl vinyl et preserve this sample. | her may no | | | | | |
| 06886 | Chloroform | | 67-66-3 | 21 | 0.80 | 5.0 | 1 |
| 06886 | Chloromethane | | 74-87-3 | 22 | 1.0 | 5.0 | 1 |
| 06886 | Dibromochloromethane | | 124-48-1 | 21 | 1.0 | 5.0 | 1 |
| 06886 | Dibromomethane | | 74-95-3 | 20 | 1.0 | 5.0 | 1 |
| 00310 | 1,2-Dichlorobenzene | | 95-50-1 | 20 | 1.0 | 5.0 | 1 |
| 00310 | 1,3-Dichlorobenzene | | 541-73-1 | 20 | 1.0 | 5.0 | 1 |
| 00310 | 1,4-Dichlorobenzene | | 106-46-7 | 20 | 1.0 | 5.0 | 1 |
| 06886 | Dichlorodifluoromethan | ie | 75-71-8 | 23 | 2.0 | 5.0 | 1 |
| 06886 | 1,1-Dichloroethane | | 75-34-3 | 21 | 1.0 | 5.0 | 1 |
| 06886 | 1,2-Dichloroethane | | 107-06-2 | 19 | 1.0 | 5.0 | 1 |
| 06886 | 1,1-Dichloroethene | | 75-35-4 | 23 | 0.80 | 5.0 | 1 |
| 06886 | cis-1,2-Dichloroethene | | 156-59-2 | 22 | 0.80 | 5.0 | 1 |
| 06886 | trans-1,2-Dichloroethe | ene | 156-60-5 | 24 | 0.80 | 5.0 | 1 |
| 06886 | 1,2-Dichloropropane | | 78-87-5 | 21 | 1.0 | 5.0 | 1 |
| 06886 | cis-1,3-Dichloroproper | | 10061-01-5 | 20 | 1.0 | 5.0 | 1 |
| 06886 | trans-1,3-Dichloroprop | ene | 10061-02-6 | 18 | 1.0 | 5.0 | 1 |
| 06886 | Methylene Chloride | | 75-09-2 | 21 | 2.0 | 5.0 | 1 |
| 06886 | 1,1,1,2-Tetrachloroeth | | 630-20-6 | 21 | 1.0 | 5.0 | 1 |
| 06886 | 1,1,2,2-Tetrachloroeth | iane | 79-34-5 | 17 | 1.0 | 5.0 | 1 |
| 06886 | Tetrachloroethene | | 127-18-4 | 24 | 0.80 | 5.0 | 1 |
| 06886 | 1,1,1-Trichloroethane | | 71-55-6 | 22 | 0.80 | 5.0 | 1 |
| 06886 | 1,1,2-Trichloroethane | | 79-00-5 | 20 | 0.80 | 5.0 | 1 |
| 06886 | Trichloroethene | | 79-01-6 | 22 | 1.0 | 5.0 | 1 |
| 06886 | Trichlorofluoromethane | | 75-69-4 | 22 | 2.0 | 5.0 | 1 |
| 06886 | 1,2,3-Trichloropropane | 2 | 96-18-4 | 18 | 1.0 | 5.0 | 1 |
| 06886 | Vinyl Chloride | | 75-01-4 | 19 | 1.0 | 5.0 | 1 |
| The | pH of the GC/MS volatil | e fraction | was pH = 7 at | the time of an | alysis. | | |

As Received

General Sample Comments

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



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Page 2 of 2

Lancaster Laboratories Sample No. WW 5651172

Group No. 1141334

NY

B-21 Matrix Spike Dup Water

BP Sanborn COC:

2040 Cory Dr - Sanborn, NY B-21

Collected: 04/20/2009 10:30 by RCB Account Number: 12495

Submitted: 04/21/2009 09:05

Reported: 04/30/2009 at 16:07

Discard: 05/31/2009

Atlantic Richfield(Parsons-NY)

BP Corporation

501 WestLake Park Blvd

Houston TX 77079

SAB21

Laboratory Chronicle

| CAT No. 06886 | Analysis Name | Method | Trial# | Batch# | Analysis Date and Time | Analyst | Dilution Factor |
|----------------------|--|------------------------------|--------|------------------------|--------------------------------------|----------------------------|--------------------|
| | Appendix IX by 8260 - water | SW-846 8260B | 1 | Y091132BB | 04/24/2009 03:14 | Holly Berry | |
| | 8260B water special scan GC/MS VOA Water Prep | SW-846 8260B SW-846 5030B | _ | Y091132BB Y091132BB | 04/24/2009 03:14 04/24/2009 03:14 | Holly Berry Holly Berry | 1 1 |



As Received

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Page 1 of 2

Lancaster Laboratories Sample No. WW 5651173 Group No. 1141334

NY

B-28 Water

BP Sanborn COC:

2040 Cory Dr - Sanborn, NY B-28

Collected: 04/20/2009 09:46 by RCB Account Number: 12495

Submitted: 04/21/2009 09:05 Atlantic Richfield(Parsons-NY)

Reported: 04/30/2009 at 16:07 BP Corporation

Discard: 05/31/2009 501 WestLake Park Blvd

Houston TX 77079

As Received

SAB28

| CAT No. | Analysis Name | CAS Number | As Received Result | As Received Method Detection Limit* | As Received Limit of Quantitation | Dilution Factor |
|------------|---|-------------------------|-----------------------|-------------------------------------|-----------------------------------|--------------------|
| SW-84 | 6 8260B GC/M | S Volatiles | ug/l | ug/l | ug/l | |
| 00310 | Benzyl Chloride | 100-44-7 | N.D. | 1.0 | 5.0 | 1 |
| 00310 | Bromobenzene | 108-86-1 | N.D. | 1.0 | 5.0 | 1 |
| 06886 | Bromodichloromethane | 75-27-4 | N.D. | 1.0 | 5.0 | 1 |
| 06886 | Bromoform | 75-25-2 | N.D. | 1.0 | 5.0 | 1 |
| 06886 | Bromomethane | 74-83-9 | N.D. | 1.0 | 5.0 | 1 |
| 06886 | Carbon Tetrachloride | 56-23-5 | N.D. | 1.0 | 5.0 | 1 |
| 06886 | Chlorobenzene | 108-90-7 | N.D. | 0.80 | 5.0 | 1 |
| 06886 | Chloroethane | 75-00-3 | N.D. | 1.0 | 5.0 | 1 |
| 00310 | 2-Chloroethyl Vinyl Ether | 110-75-8 | N.D. | 2.0 | 10 | 1 |
| | 2-Chloroethyl vinyl ether preserve this sample. | - | | ed to | | |
| 06886 | Chloroform | 67-66-3 | N.D. | 0.80 | 5.0 | 1 |
| 06886 | Chloromethane | 74-87-3 | N.D. | 1.0 | 5.0 | 1 |
| 06886 | Dibromochloromethane | 124-48-1 | N.D. | 1.0 | 5.0 | 1 |
| 06886 | Dibromomethane | 74-95-3 | N.D. | 1.0 | 5.0 | 1 |
| 00310 | 1,2-Dichlorobenzene | 95-50-1 | N.D. | 1.0 | 5.0 | 1 |
| 00310 | 1,3-Dichlorobenzene | 541-73-1 | N.D. | 1.0 | 5.0 | 1 |
| 00310 | 1,4-Dichlorobenzene | 106-46-7 | N.D. | 1.0 | 5.0 | 1 |
| 06886 | Dichlorodifluoromethane | 75-71-8 | N.D. | 2.0 | 5.0 | 1 |
| 06886 | 1,1-Dichloroethane | 75-34-3 | N.D. | 1.0 | 5.0 | 1 |
| 06886 | 1,2-Dichloroethane | 107-06-2 | N.D. | 1.0 | 5.0 | 1 |
| 06886 | 1,1-Dichloroethene | 75-35-4 | N.D. | 0.80 | 5.0 | 1 |
| 06886 | cis-1,2-Dichloroethene | 156-59-2 | N.D. | 0.80 | 5.0 | 1 |
| 06886 | trans-1,2-Dichloroethene | 156-60-5 | N.D. | 0.80 | 5.0 | 1 |
| 06886 | 1,2-Dichloropropane | 78-87-5 | N.D. | 1.0 | 5.0 | 1 |
| 06886 | cis-1,3-Dichloropropene | 10061-01-5 | N.D. | 1.0 | 5.0 | 1 |
| 06886 | trans-1,3-Dichloropropene | | N.D. | 1.0 | 5.0 | 1 |
| 06886 | Methylene Chloride | 75-09-2 | N.D. | 2.0 | 5.0 | 1 |
| 06886 | 1,1,1,2-Tetrachloroethane | 630-20-6 | N.D. | 1.0 | 5.0 | 1 |
| 06886 | 1,1,2,2-Tetrachloroethane | 79-34-5 | N.D. | 1.0 | 5.0 | 1 |
| 06886 | Tetrachloroethene | 127-18-4 | N.D. | 0.80 | 5.0 | 1 |
| 06886 | 1,1,1-Trichloroethane | 71-55-6 | N.D. | 0.80 | 5.0 | 1 |
| 06886 | 1,1,2-Trichloroethane | 79-00-5 | N.D. | 0.80 | 5.0 | 1 |
| 06886 | Trichloroethene | 79-01-6 | N.D. | 1.0 | 5.0 | 1 |
| 06886 | Trichlorofluoromethane | 75-69-4 | N.D. | 2.0 | 5.0 | 1 |
| 06886 | 1,2,3-Trichloropropane | 96-18-4 | N.D. | 1.0 | 5.0 | 1 |
| 06886 | Vinyl Chloride | 75-01-4 | N.D. | 1.0 | 5.0 | 1 |
| The | pH of the GC/MS volatile fr | faction was $pH = 7$ at | the time of and | alysis. | | |

General Sample Comments

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



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Page 2 of 2

Lancaster Laboratories Sample No. WW 5651173 Group No. 1141334

B-28 Water BP Sanborn COC:

2040 Cory Dr - Sanborn, NY B-28

Collected: 04/20/2009 09:46 by RCB Account Number: 12495

Submitted: 04/21/2009 09:05 Atlantic Richfield(Parsons-NY)

Reported: 04/30/2009 at 16:07 BP Corporation

501 WestLake Park Blvd Discard: 05/31/2009 Houston TX 77079

SAB28

| Laboratory Chronicle | | | | | | | | | |
|----------------------|--|------------------------------|--------|------------------------|--------------------------------------|----------------------------|--------------------|--|--|
| CAT No. | Analysis Name | Method | Trial# | Batch# | Analysis Date and Time | Analyst | Dilution Factor | | |
| | Appendix IX by 8260 - water | SW-846 8260B | 1 | Y091132BB | 04/24/2009 04:15 | Holly Berry | 1 | | |
| | 8260B water special scan GC/MS VOA Water Prep | SW-846 8260B SW-846 5030B | 1 1 | Y091132BB Y091132BB | 04/24/2009 04:15 04/24/2009 04:15 | Holly Berry Holly Berry | 1 1 | | |



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Quality Control Summary

Client Name: Atlantic Richfield (Parsons-NY) Group Number: 1141334

Reported: 04/30/09 at 04:07 PM

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

Laboratory Compliance Quality Control

| Analysis Name | Blank <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: Y091132BB Sample number(s): 5651166-5651173 | | | | | | | | | |
| Benzyl Chloride | N.D. | 1.0 | 5.0 | uq/l | 83 | | 65-118 | | |
| Bromobenzene | N.D. | 1.0 | 5.0 | ug/l | 97 | | 83-109 | | |
| Bromodichloromethane | N.D. | 1.0 | 5.0 | uq/l | 99 | | 79-118 | | |
| Bromoform | N.D. | 1.0 | 5.0 | ug/l | 108 | | 67-112 | | |
| Bromomethane | N.D. | 1.0 | 5.0 | uq/l | 94 | | 45-126 | | |
| Carbon Tetrachloride | N.D. | 1.0 | 5.0 | uq/l | 105 | | 75-123 | | |
| Chlorobenzene | N.D. | 0.80 | 5.0 | ug/l | 99 | | 82-111 | | |
| Chloroethane | N.D. | 1.0 | 5.0 | uq/l | 94 | | 55-119 | | |
| 2-Chloroethyl Vinyl Ether | N.D. | 2.0 | 10 | ug/l | 91 | | 39-151 | | |
| Chloroform | N.D. | 0.80 | 5.0 | uq/l | 99 | | 77-122 | | |
| Chloromethane | N.D. | 1.0 | 5.0 | uq/l | 102 | | 65-134 | | |
| Dibromochloromethane | N.D. | 1.0 | 5.0 | uq/1 | 101 | | 78-113 | | |
| Dibromomethane | N.D. | 1.0 | 5.0 | uq/l | 99 | | 84-115 | | |
| 1,2-Dichlorobenzene | N.D. | 1.0 | 5.0 | uq/l | 96 | | 85-107 | | |
| 1,3-Dichlorobenzene | N.D. | 1.0 | 5.0 | ug/l | 98 | | 82-110 | | |
| 1,4-Dichlorobenzene | N.D. | 1.0 | 5.0 | uq/1 | 98 | | 85-107 | | |
| Dichlorodifluoromethane | N.D. | 2.0 | 5.0 | uq/l | 100 | | 55-152 | | |
| 1,1-Dichloroethane | N.D. | 1.0 | 5.0 | uq/1 | 98 | | 79-120 | | |
| 1,2-Dichloroethane | N.D. | 1.0 | 5.0 | ug/l | 93 | | 70-130 | | |
| 1,1-Dichloroethene | N.D. | 0.80 | 5.0 | uq/l | 107 | | 77-119 | | |
| cis-1,2-Dichloroethene | N.D. | 0.80 | 5.0 | uq/1 | 101 | | 85-115 | | |
| trans-1,2-Dichloroethene | N.D. | 0.80 | 5.0 | uq/l | 104 | | 83-116 | | |
| 1,2-Dichloropropane | N.D. | 1.0 | 5.0 | uq/l | 98 | | 79-114 | | |
| cis-1,3-Dichloropropene | N.D. | 1.0 | 5.0 | uq/l | 96 | | 82-113 | | |
| trans-1,3-Dichloropropene | N.D. | 1.0 | 5.0 | ug/l | 90 | | 77-116 | | |
| Methylene Chloride | N.D. | 2.0 | 5.0 | uq/l | 104 | | 81-116 | | |
| 1,1,1,2-Tetrachloroethane | N.D. | 1.0 | 5.0 | uq/l | 101 | | 81-113 | | |
| 1,1,2,2-Tetrachloroethane | N.D. | 1.0 | 5.0 | ug/l | 87 | | 71-117 | | |
| Tetrachloroethene | N.D. | 0.80 | 5.0 | uq/l | 110 | | 79-115 | | |
| 1,1,1-Trichloroethane | N.D. | 0.80 | 5.0 | ug/l | 100 | | 81-137 | | |
| 1,1,2-Trichloroethane | N.D. | 0.80 | 5.0 | ug/l | 100 | | 83-113 | | |
| Trichloroethene | N.D. | 1.0 | 5.0 | uq/l | 101 | | 85-114 | | |
| Trichlorofluoromethane | N.D. | 2.0 | 5.0 | ug/l | 98 | | 64-129 | | |
| 1,2,3-Trichloropropane | N.D. | 1.0 | 5.0 | ug/l | 88 | | 79-116 | | |
| Vinyl Chloride | N.D. | 1.0 | 5.0 | ug/l | 85 | | 63-129 | | |
| Batch number: 091120000A | Sample num | ber(s): 56 | 51166-565 | 1167 | | | | | |
| Ethane | N.D. | 1.0 | 5.0 | uq/l | 105 | | 80-120 | | |
| Ethene | N.D. | 1.0 | 5.0 | uq/l | 105 | | 80-120 | | |
| Methane | N.D. | 5.0 | 15 | ug/l | 103 | | 80-120 | | |
| Batch number: 091141848003 | Sample num | ber(s): 56 | 51166-565 | 1167 | | | | | |
| Iron | N.D. | 0.0522 | 0.200 | mg/l | 111 | | 90-112 | | |
| Manganese | N.D. | 0.00084 | 0.0050 | mg/l | 110 | | 90-110 | | |
| Batch number: 09111196601A | Sample num | ber(s): 56 | 51166-565 | 1167 | | | | | |

*- 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.

Page 1 of 4



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Page 2 of 4

Quality Control Summary

Client Name: Atlantic Richfield (Parsons-NY) Group Number: 1141334

Reported: 04/30/09 at 04:07 PM

Laboratory Compliance Quality Control

| | Blank | Blank | Blank | Report | LCS | LCSD | LCS/LCSD | | |
|---|------------|--------------------|-------------------|---------------|------|------|---------------|-----|---------|
| <u>Analysis Name</u> | Result | MDL** | LOO | <u>Units</u> | %REC | %REC | <u>Limits</u> | RPD | RPD Max |
| Chloride | N.D. | 0.20 | 0.40 | mg/l | 101 | | 90-110 | | |
| Nitrate Nitrogen | N.D. | 0.050 | 0.10 | mg/l | 103 | | 90-110 | | |
| Nitrite Nitrogen | N.D. | 0.080 | 0.10 | mg/l | 103 | | 90-110 | | |
| Sulfate | N.D. | 0.30 | 1.0 | mg/l | 100 | | 89-110 | | |
| Batch number: 09114049501A Dissolved Organic Carbon | Sample num | nber(s): 5 0.50 | 651166-56! 1.0 | 51167 mg/l | 100 | | 93-112 | | |
| Batch number: 09112023502A Biochemical Oxygen Demand | Sample num | nber(s): 5 | 651166-56! | 51167 | 99 | 93 | 85-115 | 6 | 8 |
| Batch number: 09114400101B Chemical Oxygen Demand | Sample num | nber(s): 5 | 651166-56! | 51167 | 100 | | 94-110 | | |

| Analysis Name | MS %REC | MSD %REC | MS/MSD Limits | RPD | RPD <u>MAX</u> | BKG Conc | DUP Conc | DUP RPD | Dup RPD Max |
|---------------------------|------------|-------------|------------------|--------|-------------------|-------------|-------------|------------|----------------|
| Batch number: Y091132BB | Sample | number(s) | : 5651166 | -56511 | 73 UNSP | K: 5651170 | | | |
| Benzyl Chloride | 82 | 82 | 62-120 | 1 | 30 | | | | |
| Bromobenzene | 101 | 99 | 82-115 | 2 | 30 | | | | |
| Bromodichloromethane | 106 | 106 | 78-125 | 1 | 30 | | | | |
| Bromoform | 106 | 108 | 62-113 | 2 | 30 | | | | |
| Bromomethane | 105 | 103 | 48-136 | 2 | 30 | | | | |
| Carbon Tetrachloride | 117 | 117 | 81-138 | 0 | 30 | | | | |
| Chlorobenzene | 106 | 105 | 86-118 | 1 | 30 | | | | |
| Chloroethane | 101 | 99 | 58-134 | 2 | 30 | | | | |
| 2-Chloroethyl Vinyl Ether | 92 | 95 | 10-151 | 4 | 30 | | | | |
| Chloroform | 107 | 105 | 81-134 | 1 | 30 | | | | |
| Chloromethane | 112 | 109 | 67-154 | 2 | 30 | | | | |
| Dibromochloromethane | 106 | 106 | 74-116 | 1 | 30 | | | | |
| Dibromomethane | 101 | 101 | 83-119 | 0 | 30 | | | | |
| 1,2-Dichlorobenzene | 100 | 99 | 83-113 | 2 | 30 | | | | |
| 1,3-Dichlorobenzene | 103 | 101 | 82-115 | 2 | 30 | | | | |
| 1,4-Dichlorobenzene | 103 | 102 | 83-113 | 2 | 30 | | | | |
| Dichlorodifluoromethane | 118 | 116 | 63-187 | 2 | 30 | | | | |
| 1,1-Dichloroethane | 104 | 104 | 84-129 | 0 | 30 | | | | |
| 1,2-Dichloroethane | 98 | 96 | 66-141 | 2 | 30 | | | | |
| 1,1-Dichloroethene | 119 | 117 | 87-134 | 1 | 30 | | | | |
| cis-1,2-Dichloroethene | 110 | 110 | 85-125 | 0 | 30 | | | | |
| trans-1,2-Dichloroethene | 116 | 118 | 87-126 | 2 | 30 | | | | |
| 1,2-Dichloropropane | 103 | 103 | 83-124 | 0 | 30 | | | | |
| cis-1,3-Dichloropropene | 100 | 98 | 77-117 | 2 | 30 | | | | |
| trans-1,3-Dichloropropene | 93 | 92 | 74-119 | 2 | 30 | | | | |
| Methylene Chloride | 108 | 107 | 79-120 | 1 | 30 | | | | |
| 1,1,1,2-Tetrachloroethane | 106 | 105 | 82-119 | 1 | 30 | | | | |
| 1,1,2,2-Tetrachloroethane | 88 | 86 | 73-119 | 3 | 30 | | | | |
| Tetrachloroethene | 121 | 118 | 80-128 | 2 | 30 | | | | |
| 1,1,1-Trichloroethane | 111 | 112 | 85-151 | 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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Quality Control Summary

Client Name: Atlantic Richfield (Parsons-NY) Group Number: 1141334

Reported: 04/30/09 at 04:07 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 |
|----------------------------|--------|-----------|---------------|---------|---------|------------|--------------|---------|------------|
| Analysis Name | %REC | %REC | <u>Limits</u> | RPD | MAX | Conc | Conc | RPD | <u>Max</u> |
| 1,1,2-Trichloroethane | 102 | 100 | 77-124 | 2 | 30 | | | | |
| Trichloroethene | 112 | 111 | 88-125 | 1 | 30 | | | | |
| Trichlorofluoromethane | 110 | 110 | 73-152 | 0 | 30 | | | | |
| 1,2,3-Trichloropropane | 88 | 90 | 76-118 | 2 | 30 | | | | |
| Vinyl Chloride | 95 | 95 | 65-147 | 0 | 30 | | | | |
| Batch number: 091120000A | Sample | number(s) | : 5651166 | -565116 | 67 UNSP | K: P647584 | | | |
| Ethane | 120 | 136* | 68-131 | 12 | 20 | | | | |
| Ethene | 85 | 95 | 46-164 | 11 | 20 | | | | |
| Methane | -19000 | -19000 | 35-157 | 0 | 20 | | | | |
| | (2) | (2) | | | | | | | |
| Batch number: 091141848003 | Sample | number(s) | . 5651166 | -565116 | 67 UNSP | к· 5651167 | BKG: 5651167 | 7 | |
| Iron | 110 | 103 | 75-125 | 6 | 20 | 0.107 J | 0.118 J | 9 (1) | 20 |
| Manganese | 107 | 107 | 75-125 | 0 | 20 | 0.0145 | 0.0145 | 0 (1) | 20 |
| . 5 | | | | | | | | , | |
| Batch number: 09111196601A | Sample | number(s) | : 5651166 | -565116 | 67 UNSP | K: 5651166 | BKG: 5651166 | 5 | |
| Chloride | 117* | | 90-110 | | | 270 | 294 | 8 | 20 |
| Nitrate Nitrogen | 97 | | 90-110 | | | 0.65 | 0.64 | 2 (1) | 20 |
| Nitrite Nitrogen | 97 | | 90-110 | | | N.D. | N.D. | 0 (1) | 20 |
| Sulfate | 102 | | 90-110 | | | 66.9 | 67.3 | 1 | 20 |
| | _ | | | | | | | _ | |
| Batch number: 09114049501A | | number(s) | | -565116 | 67 UNSP | | BKG: 5651166 | | |
| Dissolved Organic Carbon | 103 | | 66-125 | | | 1.3 | 1.2 | 4* (1) | 2 |
| Batch number: 09112023502A | Sample | number(s) | . 5651166 | -565116 | 67 UNSP | к· 5651166 | BKG: P652198 | 3 | |
| Biochemical Oxygen Demand | 93 | 96 | 77-142 | 3 | 8 | 948 | 933 | 2 | 14 |
| production on your pomana | ,, | , , | | J | Ü | 310 | 333 | - | |
| Batch number: 09114400101B | Sample | number(s) | : 5651166 | -565116 | 67 UNSP | K: P652127 | BKG: P652127 | 7 | |
| Chemical Oxygen Demand | 92 | | 90-110 | | | 65.5 | 56.4 | 15* (1) | 5 |
| 1 2 | | | | | | | | | |

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: Volatile Headspace Hydrocarbon

Batch number: 091120000A Propene

| 5651166 | 66 | | |
|---------|--------|--|--|
| 5651167 | 79 | | |
| Blank | 114 | | |
| LCS | 114 | | |
| MS | 116 | | |
| MSD | 80 | | |
| | | | |
| Limits: | 42-131 | | |

Analysis Name: Appendix IX by 8260 - water

*- 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.

Page 3 of 4



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Page 4 of 4

Quality Control Summary

Client Name: Atlantic Richfield(Parsons-NY) Group Number: 1141334

Reported: 04/30/09 at 04:07 PM

Surrogate Quality Control

| | per: Y091132BB Dibromofluoromethane | 1,2-Dichloroethane-d4 | Toluene-d8 | 4-Bromofluorobenzene |
|---------|--|-----------------------|------------|----------------------|
| 5651166 | 96 | 93 | 89 | 83 |
| 5651167 | 97 | 95 | 89 | 83 |
| 5651168 | 98 | 95 | 89 | 83 |
| 5651169 | 97 | 96 | 88 | 82 |
| 5651170 | 98 | 97 | 88 | 82 |
| 5651171 | 95 | 93 | 90 | 88 |
| 5651172 | 95 | 96 | 91 | 89 |
| 5651173 | 97 | 97 | 87 | 82 |
| Blank | 98 | 97 | 89 | 84 |
| LCS | 94 | 95 | 90 | 89 |
| MS | 95 | 93 | 90 | 88 |
| MSD | 95 | 96 | 91 | 89 |
| Limits: | 80-116 | 77-113 | 80-113 | 78-113 |

^{*-} Outside of specification

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

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

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



Project Name: BP Sanborn LLI Group #: 1141334

General Comments:

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

See the Laboratory Chronicle section of the Analysis Report for the method references.

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

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

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

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

Analysis Specific Comments:

06886: Appendix IX by 8260 - water

Sample #s: 5651166, 5651167, 5651168, 5651169, 5651170, 5651171, 5651172, 5651173The pH of the GC/MS volatile fraction was pH = 7 at the time of analysis.

07105: Volatile Headspace Hydrocarbon

Batch #: 091120000A (Sample number(s): 5651166-5651167 UNSPK: P647584)

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

00224: Chloride

Batch #: 09111196601A (Sample number(s): 5651166-5651167 UNSPK: 5651166 BKG: 5651166)

The recovery for the above analytes in the MS was outside the acceptance window.

07547: Dissolved Organic Carbon

Batch #: 09114049501A (Sample number(s): 5651166-5651167 UNSPK: 5651166 BKG: 5651166)

The duplicate RPD for the above analyte exceeded the acceptance window.

04001: Chemical Oxygen Demand

Batch #: 09114400101B (Sample number(s): 5651166-5651167 UNSPK: P652127 BKG: P652127)

The duplicate RPD for the above analyte exceeded the acceptance window.

Acc+#12495 Grp#1141334 Sample#5651166-74 Atlantic Laboratory Management Program LaMP Chain of Custody Record Red Due Date (mm/dd/wv):

| ' age or | Page | | of | |
|----------|------|--|----|--|
|----------|------|--|----|--|

| · | Company O A BP affiliated company | BP/ARC Pro | oject Name: cility No: | BP, | Sar | born | | | | | | · | | | | | | | /dd/y imbe | | | | | Rush TA1 | : Yes | . No |
|------------|--|--|---|--------------|----------------|-------------|---------------------|-------------------------|-------------|-----------------|------------------|----------|-----------|-------|--------------------|--------------|-----------|-----------|---------------|-------------|-------------------|-----------------|--|--|------------------|--|
| ab Na | | | | BP/ | ARC | Facilit | ν Δelel | roee. | | 2040 | Conv | Dr | | | | | | | | | Contrac | tor | Pars | 2008 | | |
| | | land Pike, Lancaster, PA 17601 City, Star | | | | ···· | | | | | | | 132 | | | | ··· | | | | | tor Proj | | | | 445032 |
| ab Pl | | | | | | | | | | | | ~ | | | 350, Buffalo,NY 14 | 202 | | | | | | | | | | |
| ab Pt | ····· | | | ┿ | | Gioba | | | | | | | | | | | | | | | | | | rge Hermance | | |
| | hipping Acent: | | ··· • • • • • • • • • • • • • • • • • • | Enfo | s Pr | oposal | No: | | | 0001V | V-001 | 14 | | | | | | | Phone | | | 07-4990 | | | | |
| ab Bo | ottle Order No: 74256 / 74 | 168 | 74256 | | | | Email | EDD | To: L | orraine \ | | | | | | | | | | | | | | | | |
| Other I | ther Info: | | | Stag | je: | | | 50 | Ac | tivity: | | | | | | | | 21 | Invoid | e To: | · | BP/AR | С <u>х</u> | Contracto | r | ······································ |
| P/AR | C EBM: William Barber | | · · · · · · · · · · · · · · · · · · · | | Ma | trix | Ť | No. | Cor | ntaine | rs / | Pres | ervati | ve | | | F | lequ | estec | Ana | lyses | - 11 | | Report T | pe & QC L | evel |
| ВМ Р | Phone: (216) 271-8038 | | | | | | | ٦ | | | | | | | | \ . | | | | 3 | 320 | | | Si | endard | |
| ВМ Е | mail: Barberwb@BP.com | | | | | | | ainer. | | | | | | | | -175 | | | ļ | 3 | - 1 | | | Full Data P | ackage | |
| Lab No. | Sample Description | Date | Time | Soil / Solid | Water / Liquid | Air / Vapor | | Total Number of Contain | Unpreserved | | HNO ₃ | HCI | Methanol | | 0928 | 8015 B/RSKSP | DOC 415,1 | 80D 52108 | Cob 410.4 | 100 Mondone | 91.504, LOS, 110g | | | Co Note: If sample not Sample" in comme and initial any prepi | nts and single-s | strike out |
| | B-10 | 4/20/09 | 1500 | | K | |) | | X | × | × | X | | | 3 | 2 | ſ | / | / | / | 2 | | | Med | | |
| | B-22 | | 1135 | | \times | | | 1 | یا | X | X | X | | | 3 | 2 | 1 | 1 | ı | 1 | 2 | | _ | Med | | |
| | Quarry Pond | <u> </u> | 1245 | | X | | _ | 3 | V | | | | | | 3 | | | | | | | | $oldsymbol{ol}}}}}}}}}}}}}}}}}$ | low | | |
| | B-38 | | 1235 | | X | | 1 | 3 | X | _ | | | | | 3 | | | | | | \perp | | $oldsymbol{ol}}}}}}}}}}}}}}}}}}$ | Med | | <u> </u> |
| | B-21 | | <i>12</i> 30 | | ×. | | | | × | | | | | | 3 | | | | | | | | ــــــ | Cow | | |
| | B-21 MS | <u> </u> | KBO | | X | | | 3 | X | _ | | | | | 3 | | | | | | | 4 | <u> </u> | نمن | | |
| | B-21 MSD | | 1030 | | K | | - | 싀 | | | | | | | 3 | | | | | | | | \perp | Low | | |
| | B-28 | ! | 0946 | | X | | | 3 | \times | | | | | | 3 | | | | | | | | ╄ | low | | |
| | | - | | _ | | - | - | 4 | \dashv | | | | | | | | \dashv | \dashv | | | - | | | | | |
| amole | er's Name: Richard C. Becke | | | | | و و | llna | ileh | od B | y / Af | fillet | ion | | | Da | | Tin | | | | A 0 0 0 1 | tod Bu | I ASS | llation | Data | Timo |
| | er's Name: Richard C. Becke er's Company: O&M Enterprises | | | | | | <i>(</i>) <i>(</i> | | کور | | INITAL | 1011 | | | | | | | ****** | A CHARLES | Mocel | iteu Dy | / All | llation | Date | Time |
| <u></u> | ent Method: Fed Ex | Ship Date: 니 | 24/66 | 14 | عِدُ | لدح | <u> </u> | | 2 | qu _e | | | | | 4/ _{20.} | 189 | 163 | \dashv | | | | | | | | = |
| | ent Tracking No: 86887362 | | 120/09 | | | | | | | | | | \exists | - | \dashv | 7 | 1, | Δ | . ^ | تلا | · | 11121109 | anc | | | |
| | al Instructions: | <u>√670</u> | | <u> </u> | | | | | | | | | | | | | | | 70 | 77 | 1/2 | <u>~ \</u> | <u> </u> | <u> </u> | THICK! | (0) |
| | THIS LINE - LAB USE ONLY: Custo | ody Seals In Plac | e(Yes/)No |] - | Temp | Blank | Yes |)No | ī | Cod | oler T | emp | on Rec | eipt: | 5,0 | °C . | °F(C) | | Trip | Blani | c (es) | No I | M: | S/MSD Sample Sul | mitted: (ves | Wio . |
| | | | | | <u> </u> | | | | | | | <u> </u> | | | | | - 17 | | | | | | | | | |



Environmental Sample Administration

| | | | Receipt Do | cumentatio | n Log | | | | | |
|-------------|---|----------------------|--|--|--------------------------------|--------------------------------------|----------------|--|--|--|
| Client/ | /Project: | Parsons | | Shippin | g Contain | er Sealed: / YE | S) NO | | | |
| Date o | of Receipt: _L | 1/21/09 | | Custody Seal Present *: YES NO | | | | | | |
| Time o | of Receipt: | 905 | | Custody Seal Fresent : (1ES) NO | | | | | | |
| Source | e Code: <u>5</u> 0 | + | | * Custody | seal was inta liscrepancy s | act unless otherwise ection | e noted in the | | | |
| Unpac | ker Emp. No. | : 2316 | | Packag | e: | Chille | d Not Chilled | | | |
| | | | Temperature of | Shipping Conta | iners | | | | | |
| Cooler # | Thermometer ID | Temperature (°C) | Temp Bottle (TB) or Surface Temp (ST) | Wet Ice (WI) or Dry Ice (DI) or Ice Packs (IP) | Ice Present? Y/N | Loose (L) Bagged Ice (B) or NA | Comments | | | |
| 1 | 0427543 | 5,00 | 78 | WI | 4 | B | | | | |
| 2 | | | | | | | | | | |
| 3 | | | | | | | | | | |
| 4 | · | | : | | | | | | | |
| 5 | | | | | | | | | | |
| 6 | | | | | | | | | | |
| Numbe | r of Trip Blank | ks received <u>N</u> | OT listed on chain | of custody: | 3 | | | | | |
| Paperv | Paperwork Discrepancy/Unpacking Problems: | | | | | | | | | |
| | | | | | | | | | | |
| | | | | | | | | | | |
| *** | | Sa | mple Administratio | n Internal Chain | of Custody | | | | | |
| | Name | ··· | Date | Time | | Reason for T | ransfer | | | |
| * | 4 Dus | | 4/21/09 | 950 | Unpa | acking Hostorage | | | | |
| Kr | setin Ze | igh | 4-21-09 | 1011 | Place | ce in Storage or Entry | | | | |
| | | U | | | Entry | , | | | | |

Entry

Lancaster Laboratories Explanation of Symbols and Abbreviations

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

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

- < less than The number following the sign is the <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 of gas per liter of gas.

Inorganic Qualifiers

- ppb parts per billion
- **Dry weight**Results printed under this heading have been adjusted for moisture content. This increases the analyte weight concentration to approximate the value present in a similar sample without moisture.

U.S. EPA data qualifiers:

| 9 | lifier | (uu | 9 | u | " 9 | • |
|---|--------|-----|---|-------|-----|---|

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

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

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

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ANALYTICAL RESULTS

Prepared for:

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

281-366-2000

Prepared by:

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

April 27, 2009

SAMPLE GROUP

The sample group for this submittal is 1140978. Samples arrived at the laboratory on Friday, April 17, 2009. The PO# for this group is 0001W-0014 and the release number is BARBER.

| Client Description | <u>Lancaster Labs Number</u> |
|--------------------|------------------------------|
| B-6 Water | 5649163 |
| B-9 Water | 5649164 |
| P-2 Water | 5649165 |
| PW-4 Water | 5649166 |
| B-40 Water | 5649167 |
| B-39 Water | 5649168 |
| B-41 Water | 5649169 |

METHODOLOGY

The specific methodologies used in obtaining the enclosed analytical results are indicated on the Laboratory Chronicle.

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

1 COPY TO Data Package Group



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

Respectfully Submitted,

Martha L. Seidel Martha L. Seidel Senior Chemist



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Page 1 of 2

Lancaster Laboratories Sample No. WW 5649163 Group No. 1140978

B-6 Water

BP Sanborn COC:

2040 Cory Dr - Sanborn, NY B-6

Collected: 04/16/2009 14:00 by RCB Account Number: 12495

Submitted: 04/17/2009 09:00 Atlantic Richfield(Parsons-NY)

Reported: 04/27/2009 at 18:31 BP Corporation

501 WestLake Park Blvd Discard: 05/28/2009

Houston TX 77079

SANB6

| CAT No. | Analysis Name | | CAS Number | As Received Result | As Received Method Detection Limit* | As Received Limit of Quantitation | Dilution Factor | |
|------------|---|-----------|-----------------|-----------------------|---|---|--------------------|--|
| SW-84 | 5 8260B | GC/MS Vol | atiles | ug/l | ug/l | ug/l | | |
| 00310 | Benzyl Chloride | | 100-44-7 | N.D. | 1.0 | 5.0 | 1 | |
| 00310 | Bromobenzene | | 108-86-1 | N.D. | 1.0 | 5.0 | 1 | |
| 06886 | Bromodichloromethane | | 75-27-4 | N.D. | 1.0 | 5.0 | 1 | |
| 06886 | Bromoform | | 75-25-2 | N.D. | 1.0 | 5.0 | 1 | |
| 06886 | Bromomethane | | 74-83-9 | N.D. | 1.0 | 5.0 | 1 | |
| 06886 | Carbon Tetrachloride | | 56-23-5 | N.D. | 1.0 | 5.0 | 1 | |
| 06886 | Chlorobenzene | | 108-90-7 | N.D. | 0.80 | 5.0 | 1 | |
| 06886 | Chloroethane | | 75-00-3 | N.D. | 1.0 | 5.0 | 1 | |
| 00310 | 2-Chloroethyl Vinyl | Ether | 110-75-8 | N.D. | 2.0 | 10 | 1 | |
| | 2-Chloroethyl vinyl preserve this sample | | ot be recovered | if acid was use | ed to | | | |
| 06886 | Chloroform | | 67-66-3 | N.D. | 0.80 | 5.0 | 1 | |
| 06886 | Chloromethane | | 74-87-3 | N.D. | 1.0 | 5.0 | 1 | |
| 06886 | Dibromochloromethane | | 124-48-1 | N.D. | 1.0 | 5.0 | 1 | |
| 06886 | Dibromomethane | | 74-95-3 | N.D. | 1.0 | 5.0 | 1 | |
| 00310 | 1,2-Dichlorobenzene | | 95-50-1 | N.D. | 1.0 | 5.0 | 1 | |
| 00310 | 1,3-Dichlorobenzene | | 541-73-1 | N.D. | 1.0 | 5.0 | 1 | |
| 00310 | 1,4-Dichlorobenzene | | 106-46-7 | N.D. | 1.0 | 5.0 | 1 | |
| 06886 | Dichlorodifluorometh | ane | 75-71-8 | N.D. | 2.0 | 5.0 | 1 | |
| 06886 | 1,1-Dichloroethane | | 75-34-3 | N.D. | 1.0 | 5.0 | 1 | |
| 06886 | 1,2-Dichloroethane | | 107-06-2 | N.D. | 1.0 | 5.0 | 1 | |
| 06886 | 1,1-Dichloroethene | | 75-35-4 | N.D. | 0.80 | 5.0 | 1 | |
| 06886 | cis-1,2-Dichloroethe | | 156-59-2 | 27 | 0.80 | 5.0 | 1 | |
| 06886 | trans-1,2-Dichloroet | hene | 156-60-5 | 0.90 J | 0.80 | 5.0 | 1 | |
| 06886 | 1,2-Dichloropropane | | 78-87-5 | N.D. | 1.0 | 5.0 | 1 | |
| 06886 | cis-1,3-Dichloroprop | | 10061-01-5 | N.D. | 1.0 | 5.0 | 1 | |
| 06886 | trans-1,3-Dichloropr | opene | 10061-02-6 | N.D. | 1.0 | 5.0 | 1 | |
| 06886 | Methylene Chloride | | 75-09-2 | N.D. | 2.0 | 5.0 | 1 | |
| 06886 | 1,1,1,2-Tetrachloroe | | 630-20-6 | N.D. | 1.0 | 5.0 | 1 | |
| 06886 | 1,1,2,2-Tetrachloroe | thane | 79-34-5 | N.D. | 1.0 | 5.0 | 1 | |
| 06886 | Tetrachloroethene | | 127-18-4 | N.D. | 0.80 | 5.0 | 1 | |
| 06886 | 1,1,1-Trichloroethan | | 71-55-6 | N.D. | 0.80 | 5.0 | 1 | |
| 06886 | 1,1,2-Trichloroethan | e | 79-00-5 | N.D. | 0.80 | 5.0 | 1 | |
| 06886 | Trichloroethene | | 79-01-6 | 270 | 1.0 | 5.0 | 1 | |
| 06886 | Trichlorofluorometha | | 75-69-4 | N.D. | 2.0 | 5.0 | 1 | |
| 06886 | 1,2,3-Trichloropropa | ne | 96-18-4 | N.D. | 1.0 | 5.0 | 1 | |
| 06886 | Vinyl Chloride | | 75-01-4 | N.D. | 1.0 | 5.0 | 1 | |
| The | The pH of the GC/MS volatile fraction was pH = 7 at the time of analysis. | | | | | | | |

General Sample Comments

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



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Page 2 of 2

Lancaster Laboratories Sample No. WW 5649163 Group No. 1140978

NY

B-6 Water

BP Sanborn COC:

2040 Cory Dr - Sanborn, NY B-6

Collected: 04/16/2009 14:00 by RCB Account Number: 12495

Submitted: 04/17/2009 09:00 Atlantic Richfield(Parsons-NY)

Reported: 04/27/2009 at 18:31 BP Corporation

Discard: 05/28/2009 501 WestLake Park Blvd

Houston TX 77079

SANB6

Laboratory Chronicle

| CAT No. | Analysis Name | Method | Trial# | Batch# | Analysis Date and Time | Analyst | Dilution Factor |
|------------|--|------------------------------|--------|------------------------|--------------------------------------|--------------------------------------|--------------------|
| | Appendix IX by 8260 - water | SW-846 8260B | 1 | Y091112AA | 04/21/2009 19:05 | Nicholas R Rossi | 1 |
| | 8260B water special scan GC/MS VOA Water Prep | SW-846 8260B SW-846 5030B | 1 1 | Y091112AA Y091112AA | 04/21/2009 19:05 04/21/2009 19:05 | Nicholas R Rossi Nicholas R Rossi | 1 1 |



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Page 1 of 2

Lancaster Laboratories Sample No. WW 5649164 Group No. 1140978

B-9 Water

BP Sanborn COC:

2040 Cory Dr - Sanborn, NY B-9

Collected: 04/16/2009 14:40 by RCB Account Number: 12495

Submitted: 04/17/2009 09:00 Atlantic Richfield(Parsons-NY)

Reported: 04/27/2009 at 18:31 BP Corporation

501 WestLake Park Blvd Discard: 05/28/2009

Houston TX 77079

SANB9

| CAT No. | Analysis Name | | CAS Number | As Received Result | As Received Method Detection Limit* | As Received Limit of Quantitation | Dilution Factor | |
|------------|---|-----------|-----------------|-----------------------|---|---|--------------------|--|
| SW-84 | 5 8260B | GC/MS Vol | atiles | ug/l | ug/l | ug/l | | |
| 00310 | Benzyl Chloride | | 100-44-7 | N.D. | 1.0 | 5.0 | 1 | |
| 00310 | Bromobenzene | | 108-86-1 | N.D. | 1.0 | 5.0 | 1 | |
| 06886 | Bromodichloromethane | <u> </u> | 75-27-4 | N.D. | 1.0 | 5.0 | 1 | |
| 06886 | Bromoform | | 75-25-2 | N.D. | 1.0 | 5.0 | 1 | |
| 06886 | Bromomethane | | 74-83-9 | N.D. | 1.0 | 5.0 | 1 | |
| 06886 | Carbon Tetrachloride | <u> </u> | 56-23-5 | N.D. | 1.0 | 5.0 | 1 | |
| 06886 | Chlorobenzene | | 108-90-7 | N.D. | 0.80 | 5.0 | 1 | |
| 06886 | Chloroethane | | 75-00-3 | N.D. | 1.0 | 5.0 | 1 | |
| 00310 | 2-Chloroethyl Vinyl | Ether | 110-75-8 | N.D. | 2.0 | 10 | 1 | |
| | 2-Chloroethyl vinyl preserve this sample | | ot be recovered | if acid was use | ed to | | | |
| 06886 | Chloroform | | 67-66-3 | N.D. | 0.80 | 5.0 | 1 | |
| 06886 | Chloromethane | | 74-87-3 | N.D. | 1.0 | 5.0 | 1 | |
| 06886 | Dibromochloromethane | : | 124-48-1 | N.D. | 1.0 | 5.0 | 1 | |
| 06886 | Dibromomethane | | 74-95-3 | N.D. | 1.0 | 5.0 | 1 | |
| 00310 | 1,2-Dichlorobenzene | | 95-50-1 | N.D. | 1.0 | 5.0 | 1 | |
| 00310 | 1,3-Dichlorobenzene | | 541-73-1 | N.D. | 1.0 | 5.0 | 1 | |
| 00310 | 1,4-Dichlorobenzene | | 106-46-7 | N.D. | 1.0 | 5.0 | 1 | |
| 06886 | Dichlorodifluorometh | nane | 75-71-8 | N.D. | 2.0 | 5.0 | 1 | |
| 06886 | 1,1-Dichloroethane | | 75-34-3 | N.D. | 1.0 | 5.0 | 1 | |
| 06886 | 1,2-Dichloroethane | | 107-06-2 | N.D. | 1.0 | 5.0 | 1 | |
| 06886 | 1,1-Dichloroethene | | 75-35-4 | N.D. | 0.80 | 5.0 | 1 | |
| 06886 | cis-1,2-Dichloroethe | ene | 156-59-2 | N.D. | 0.80 | 5.0 | 1 | |
| 06886 | trans-1,2-Dichloroet | hene | 156-60-5 | N.D. | 0.80 | 5.0 | 1 | |
| 06886 | 1,2-Dichloropropane | | 78-87-5 | N.D. | 1.0 | 5.0 | 1 | |
| 06886 | cis-1,3-Dichloroprop | | 10061-01-5 | N.D. | 1.0 | 5.0 | 1 | |
| 06886 | trans-1,3-Dichloropr | ropene | 10061-02-6 | N.D. | 1.0 | 5.0 | 1 | |
| 06886 | Methylene Chloride | | 75-09-2 | N.D. | 2.0 | 5.0 | 1 | |
| 06886 | 1,1,1,2-Tetrachloroe | | 630-20-6 | N.D. | 1.0 | 5.0 | 1 | |
| 06886 | 1,1,2,2-Tetrachloroe | thane | 79-34-5 | N.D. | 1.0 | 5.0 | 1 | |
| 06886 | Tetrachloroethene | | 127-18-4 | N.D. | 0.80 | 5.0 | 1 | |
| 06886 | 1,1,1-Trichloroethar | | 71-55-6 | N.D. | 0.80 | 5.0 | 1 | |
| 06886 | 1,1,2-Trichloroethar | ie | 79-00-5 | N.D. | 0.80 | 5.0 | 1 | |
| 06886 | Trichloroethene | | 79-01-6 | N.D. | 1.0 | 5.0 | 1 | |
| 06886 | Trichlorofluorometha | | 75-69-4 | N.D. | 2.0 | 5.0 | 1 | |
| 06886 | 1,2,3-Trichloropropa | ine | 96-18-4 | N.D. | 1.0 | 5.0 | 1 | |
| 06886 | Vinyl Chloride | | 75-01-4 | N.D. | 1.0 | 5.0 | 1 | |
| The : | The pH of the GC/MS volatile fraction was $pH = 7$ at the time of analysis. | | | | | | | |

General Sample Comments

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



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Page 2 of 2

Lancaster Laboratories Sample No. WW 5649164 Group No. 1140978

NY

B-9 Water

BP Sanborn COC:

2040 Cory Dr - Sanborn, NY B-9

Collected: 04/16/2009 14:40 by RCB Account Number: 12495

Submitted: 04/17/2009 09:00 Atlantic Richfield(Parsons-NY)

Reported: 04/27/2009 at 18:31 BP Corporation

Discard: 05/28/2009 501 WestLake Park Blvd

Houston TX 77079

SANB9

Laboratory Chronicle

| CAT No. | Analysis Name | Method | Trial# | Batch# | Analysis Date and Time | Analyst | Dilution Factor |
|------------|--|------------------------------|--------|------------------------|--------------------------------------|--------------------------------------|--------------------|
| | Appendix IX by 8260 - water | SW-846 8260B | 1 | Y091112AA | 04/21/2009 19:26 | Nicholas R Rossi | 1 |
| | 8260B water special scan GC/MS VOA Water Prep | SW-846 8260B SW-846 5030B | _ | Y091112AA Y091112AA | 04/21/2009 19:26 04/21/2009 19:26 | Nicholas R Rossi Nicholas R Rossi | 1 1 |



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Page 1 of 2

Lancaster Laboratories Sample No. WW 5649165 Group No. 1140978

P-2 Water

BP Sanborn COC:

2040 Cory Dr - Sanborn, NY P-2

Collected: 04/16/2009 13:10 by RCB Account Number: 12495

Submitted: 04/17/2009 09:00 Atlantic Richfield(Parsons-NY)

Reported: 04/27/2009 at 18:31 BP Corporation

501 WestLake Park Blvd Discard: 05/28/2009

Houston TX 77079

SANP2

| CAT No. | Analysis Name | | CAS Number | As Rece Result | ived | As Received Method Detection Limit* | As Received Limit of Quantitation | Dilution Factor |
|------------|---|---------------|----------------|-------------------|----------|---|---|--------------------|
| SW-84 | 6 8260B | GC/MS Vola | atiles | ug/l | | ug/l | ug/l | |
| 00310 | Benzyl Chloride | | 100-44-7 | N.D. | | 1.0 | 5.0 | 1 |
| 00310 | Bromobenzene | | 108-86-1 | N.D. | | 1.0 | 5.0 | 1 |
| 06886 | Bromodichloromethan | .e | 75-27-4 | N.D. | | 1.0 | 5.0 | 1 |
| 06886 | Bromoform | | 75-25-2 | N.D. | | 1.0 | 5.0 | 1 |
| 06886 | Bromomethane | | 74-83-9 | N.D. | | 1.0 | 5.0 | 1 |
| 06886 | Carbon Tetrachlorid | e | 56-23-5 | N.D. | | 1.0 | 5.0 | 1 |
| 06886 | Chlorobenzene | | 108-90-7 | N.D. | | 0.80 | 5.0 | 1 |
| 06886 | Chloroethane | | 75-00-3 | N.D. | | 1.0 | 5.0 | 1 |
| 00310 | 2-Chloroethyl Vinyl | Ether | 110-75-8 | N.D. | | 2.0 | 10 | 1 |
| | 2-Chloroethyl vinyl preserve this sampl | | t be recovered | if acid | was used | d to | | |
| 06886 | Chloroform | | 67-66-3 | N.D. | | 0.80 | 5.0 | 1 |
| 06886 | Chloromethane | | 74-87-3 | N.D. | | 1.0 | 5.0 | 1 |
| 06886 | Dibromochloromethan | e | 124-48-1 | N.D. | | 1.0 | 5.0 | 1 |
| 06886 | Dibromomethane | | 74-95-3 | N.D. | | 1.0 | 5.0 | 1 |
| 00310 | 1,2-Dichlorobenzene | | 95-50-1 | N.D. | | 1.0 | 5.0 | 1 |
| 00310 | 1,3-Dichlorobenzene | | 541-73-1 | N.D. | | 1.0 | 5.0 | 1 |
| 00310 | 1,4-Dichlorobenzene | | 106-46-7 | N.D. | | 1.0 | 5.0 | 1 |
| 06886 | Dichlorodifluoromet | hane | 75-71-8 | N.D. | | 2.0 | 5.0 | 1 |
| 06886 | 1,1-Dichloroethane | | 75-34-3 | 190 | | 1.0 | 5.0 | 1 |
| 06886 | 1,2-Dichloroethane | | 107-06-2 | N.D. | | 1.0 | 5.0 | 1 |
| 06886 | 1,1-Dichloroethene | | 75-35-4 | 31 | | 0.80 | 5.0 | 1 |
| 06886 | cis-1,2-Dichloroeth | | 156-59-2 | 780 | | 8.0 | 50 | 10 |
| 06886 | trans-1,2-Dichloroe | | 156-60-5 | 5.1 | | 0.80 | 5.0 | 1 |
| 06886 | 1,2-Dichloropropane | | 78-87-5 | N.D. | | 1.0 | 5.0 | 1 |
| 06886 | cis-1,3-Dichloropro | | 10061-01-5 | N.D. | | 1.0 | 5.0 | 1 |
| 06886 | trans-1,3-Dichlorop | ropene | 10061-02-6 | N.D. | | 1.0 | 5.0 | 1 |
| 06886 | Methylene Chloride | | 75-09-2 | N.D. | | 2.0 | 5.0 | 1 |
| 06886 | 1,1,1,2-Tetrachloro | | 630-20-6 | N.D. | | 1.0 | 5.0 | 1 |
| 06886 | 1,1,2,2-Tetrachloro | ethane | 79-34-5 | N.D. | | 1.0 | 5.0 | 1 |
| 06886 | Tetrachloroethene | | 127-18-4 | N.D. | | 0.80 | 5.0 | 1 |
| 06886 | 1,1,1-Trichloroetha | | 71-55-6 | 1,100 | | 8.0 | 50 | 10 |
| 06886 | 1,1,2-Trichloroetha | ne | 79-00-5 | | J | 0.80 | 5.0 | 1 |
| 06886 | Trichloroethene | | 79-01-6 | 260 | | 10 | 50 | 10 |
| 06886 | Trichlorofluorometh | | 75-69-4 | N.D. | | 2.0 | 5.0 | 1 |
| 06886 | 1,2,3-Trichloroprop | ane | 96-18-4 | N.D. | | 1.0 | 5.0 | 1 |
| 06886 | Vinyl Chloride | | 75-01-4 | 160 | | 1.0 | 5.0 | 1 |
| The | pH of the GC/MS vola | tile fraction | was pH = 7 at | the time | of anal | ysis. | | |

General Sample Comments

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



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Page 2 of 2

Lancaster Laboratories Sample No. WW 5649165 Group No. 1140978

P-2 Water

BP Sanborn COC:

2040 Cory Dr - Sanborn, NY P-2

by RCB Account Number: 12495 Collected: 04/16/2009 13:10

Submitted: 04/17/2009 09:00 Atlantic Richfield(Parsons-NY)

Reported: 04/27/2009 at 18:31 BP Corporation

501 WestLake Park Blvd Discard: 05/28/2009 Houston TX 77079

SANP2

Laboratory Chronicle

| | | | | | | - | | | | | |
|------------|------------------------|---------|--------|-------|--------|-----------|---|-------------------------|-------|------------------|--------------------|
| CAT No. | Analysis Name | M | Method | | Trial# | Batch# | : | Analysis Date and Ti | .me | Analyst | Dilution Factor |
| 06886 | Appendix IX by 8260 - | water S | SW-846 | 8260B | 1 | Y091112AA | (| 04/21/2009 | 19:47 | Nicholas R Ross | i 1 |
| 06886 | Appendix IX by 8260 - | water S | SW-846 | 8260B | 1 | Y091112AA | (| 04/21/2009 | 20:07 | Nicholas R Ross | i 10 |
| 00310 | 8260B water special se | can S | SW-846 | 8260B | 1 | Y091112AA | (| 04/21/2009 | 19:47 | Nicholas R Ross: | i 1 |
| 01163 | GC/MS VOA Water Prep | 5 | SW-846 | 5030B | 1 | Y091112AA | (| 04/21/2009 | 19:47 | Nicholas R Ross: | i 1 |
| 01163 | GC/MS VOA Water Prep | 5 | SW-846 | 5030B | 2 | Y091112AA | (| 04/21/2009 | 20:07 | Nicholas R Ross: | i 10 |



As Received

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Page 1 of 2

Lancaster Laboratories Sample No. WW 5649166

Group No. 1140978

NY

PW-4 Water
BP Sanborn COC:

2040 Cory Dr - Sanborn, NY PW-4

Collected: 04/16/2009 13:00 by RCB Account Number: 12495

Submitted: 04/17/2009 09:00 Atlantic Richfield(Parsons-NY)

Reported: 04/27/2009 at 18:31 BP Corporation

Discard: 05/28/2009 501 WestLake Park Blvd

Houston TX 77079

As Received

SAPW4

| CAT No. | Analysis Name | CAS Number | As Received Result | As Received Method Detection Limit* | As Received Limit of Quantitation | Dilution Factor |
|------------|---|-----------------------|-----------------------|---|-----------------------------------|--------------------|
| SW-84 | 6 8260B GC/MS | Volatiles | ug/l | ug/l | ug/l | |
| 00310 | Benzyl Chloride | 100-44-7 | N.D. | 1.0 | 5.0 | 1 |
| 00310 | Bromobenzene | 108-86-1 | N.D. | 1.0 | 5.0 | 1 |
| 06886 | Bromodichloromethane | 75-27-4 | N.D. | 1.0 | 5.0 | 1 |
| 06886 | Bromoform | 75-25-2 | N.D. | 1.0 | 5.0 | 1 |
| 06886 | Bromomethane | 74-83-9 | N.D. | 1.0 | 5.0 | 1 |
| 06886 | Carbon Tetrachloride | 56-23-5 | N.D. | 1.0 | 5.0 | 1 |
| 06886 | Chlorobenzene | 108-90-7 | N.D. | 0.80 | 5.0 | 1 |
| 06886 | Chloroethane | 75-00-3 | N.D. | 1.0 | 5.0 | 1 |
| 00310 | 2-Chloroethyl Vinyl Ether | 110-75-8 | N.D. | 2.0 | 10 | 1 |
| | 2-Chloroethyl vinyl ether mapreserve this sample. | ay not be recovered | l if acid was us | ed to | | |
| 06886 | Chloroform | 67-66-3 | N.D. | 0.80 | 5.0 | 1 |
| 06886 | Chloromethane | 74-87-3 | N.D. | 1.0 | 5.0 | 1 |
| 06886 | Dibromochloromethane | 124-48-1 | N.D. | 1.0 | 5.0 | 1 |
| 06886 | Dibromomethane | 74-95-3 | N.D. | 1.0 | 5.0 | 1 |
| 00310 | 1,2-Dichlorobenzene | 95-50-1 | N.D. | 1.0 | 5.0 | 1 |
| 00310 | 1,3-Dichlorobenzene | 541-73-1 | N.D. | 1.0 | 5.0 | 1 |
| 00310 | 1,4-Dichlorobenzene | 106-46-7 | N.D. | 1.0 | 5.0 | 1 |
| 06886 | Dichlorodifluoromethane | 75-71-8 | N.D. | 2.0 | 5.0 | 1 |
| 06886 | 1,1-Dichloroethane | 75-34-3 | N.D. | 1.0 | 5.0 | 1 |
| 06886 | 1,2-Dichloroethane | 107-06-2 | N.D. | 1.0 | 5.0 | 1 |
| 06886 | 1,1-Dichloroethene | 75-35-4 | N.D. | 0.80 | 5.0 | 1 |
| 06886 | cis-1,2-Dichloroethene | 156-59-2 | 2.7 J | 0.80 | 5.0 | 1 |
| 06886 | trans-1,2-Dichloroethene | 156-60-5 | N.D. | 0.80 | 5.0 | 1 |
| 06886 | 1,2-Dichloropropane | 78-87-5 | N.D. | 1.0 | 5.0 | 1 |
| 06886 | cis-1,3-Dichloropropene | 10061-01-5 | N.D. | 1.0 | 5.0 | 1 |
| 06886 | trans-1,3-Dichloropropene | 10061-02-6 | N.D. | 1.0 | 5.0 | 1 |
| 06886 | Methylene Chloride | 75-09-2 | N.D. | 2.0 | 5.0 | 1 |
| 06886 | 1,1,1,2-Tetrachloroethane | 630-20-6 | N.D. | 1.0 | 5.0 | 1 |
| 06886 | 1,1,2,2-Tetrachloroethane | 79-34-5 | N.D. | 1.0 | 5.0 | 1 |
| 06886 | Tetrachloroethene | 127-18-4 | N.D. | 0.80 | 5.0 | 1 |
| 06886 | 1,1,1-Trichloroethane | 71-55-6 | N.D. | 0.80 | 5.0 | 1 |
| 06886 | 1,1,2-Trichloroethane | 79-00-5 | N.D. | 0.80 | 5.0 | 1 |
| 06886 | Trichloroethene | 79-01-6 | 21 | 1.0 | 5.0 | 1 |
| 06886 | Trichlorofluoromethane | 75-69-4 | N.D. | 2.0 | 5.0 | 1 |
| 06886 | 1,2,3-Trichloropropane | 96-18-4 | N.D. | 1.0 | 5.0 | 1 |
| 06886 | Vinyl Chloride | 75-01-4 | N.D. | 1.0 | 5.0 | 1 |
| The : | pH of the GC/MS volatile frac | ction was $pH = 7$ at | the time of ana | alysis. | | |

General Sample Comments

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



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Page 2 of 2

Lancaster Laboratories Sample No. WW 5649166 Group No. 1140978

PW-4 Water BP Sanborn COC:

2040 Cory Dr - Sanborn, NY PW-4

Collected: 04/16/2009 13:00 by RCB Account Number: 12495

Submitted: 04/17/2009 09:00 Atlantic Richfield(Parsons-NY)

Reported: 04/27/2009 at 18:31 BP Corporation

501 WestLake Park Blvd Discard: 05/28/2009

Houston TX 77079

SAPW4

Laboratory Chronicle

| CAT No. | Analysis Name | Method | Trial# | Batch# | Analysis Date and Time | Analyst | Dilution Factor |
|------------|-----------------------------|--------------|--------|-----------|---------------------------|------------------|--------------------|
| 06886 | Appendix IX by 8260 - water | SW-846 8260B | 1 | Y091112AA | 04/21/2009 20:28 | Nicholas R Rossi | 1 |
| 00310 | 8260B water special scan | SW-846 8260B | 1 | Y091112AA | 04/21/2009 20:28 | Nicholas R Rossi | 1 |
| 01163 | GC/MS VOA Water Prep | SW-846 5030B | 1 | Y091112AA | 04/21/2009 20:28 | Nicholas R Rossi | 1 |



As Received

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Page 1 of 3

Lancaster Laboratories Sample No. WW 5649167 Group No. 1140978

NY

B-40 Water

BP Sanborn COC:

2040 Cory Dr - Sanborn, NY B-40

Collected: 04/16/2009 11:30 by RCB Account Number: 12495

Submitted: 04/17/2009 09:00 Atlantic Richfield(Parsons-NY)

Reported: 04/27/2009 at 18:31 BP Corporation

Discard: 05/28/2009 501 WestLake Park Blvd

Houston TX 77079

As Received

SAB40

| CAT No. | Analysis Name | CAS Number | As Received Result | Method Detection Limit* | Limit of Quantitation | Dilution Factor |
|------------|---|------------|-----------------------|-------------------------|--------------------------|--------------------|
| SW-84 | 6 8260B GC/MS Vo | latiles | ug/l | ug/l | ug/l | |
| 00310 | Benzyl Chloride | 100-44-7 | N.D. | 1.0 | 5.0 | 1 |
| 00310 | Bromobenzene | 108-86-1 | N.D. | 1.0 | 5.0 | 1 |
| 06886 | Bromodichloromethane | 75-27-4 | N.D. | 1.0 | 5.0 | 1 |
| 06886 | Bromoform | 75-25-2 | N.D. | 1.0 | 5.0 | 1 |
| 06886 | Bromomethane | 74-83-9 | N.D. | 1.0 | 5.0 | 1 |
| 06886 | Carbon Tetrachloride | 56-23-5 | N.D. | 1.0 | 5.0 | 1 |
| 06886 | Chlorobenzene | 108-90-7 | N.D. | 0.80 | 5.0 | 1 |
| 06886 | Chloroethane | 75-00-3 | N.D. | 1.0 | 5.0 | 1 |
| 00310 | 2-Chloroethyl Vinyl Ether | 110-75-8 | N.D. | 2.0 | 10 | 1 |
| | 2-Chloroethyl vinyl ether may preserve this sample. | | | | | |
| 06886 | Chloroform | 67-66-3 | N.D. | 0.80 | 5.0 | 1 |
| 06886 | Chloromethane | 74-87-3 | N.D. | 1.0 | 5.0 | 1 |
| 06886 | Dibromochloromethane | 124-48-1 | N.D. | 1.0 | 5.0 | 1 |
| 06886 | Dibromomethane | 74-95-3 | N.D. | 1.0 | 5.0 | 1 |
| 00310 | 1,2-Dichlorobenzene | 95-50-1 | N.D. | 1.0 | 5.0 | 1 |
| 00310 | 1,3-Dichlorobenzene | 541-73-1 | N.D. | 1.0 | 5.0 | 1 |
| 00310 | 1,4-Dichlorobenzene | 106-46-7 | N.D. | 1.0 | 5.0 | 1 |
| 06886 | Dichlorodifluoromethane | 75-71-8 | N.D. | 2.0 | 5.0 | 1 |
| 06886 | 1,1-Dichloroethane | 75-34-3 | N.D. | 1.0 | 5.0 | 1 |
| 06886 | 1,2-Dichloroethane | 107-06-2 | N.D. | 1.0 | 5.0 | 1 |
| 06886 | 1,1-Dichloroethene | 75-35-4 | N.D. | 0.80 | 5.0 | 1 |
| 06886 | cis-1,2-Dichloroethene | 156-59-2 | 3.9 J | 0.80 | 5.0 | 1 |
| 06886 | trans-1,2-Dichloroethene | 156-60-5 | N.D. | 0.80 | 5.0 | 1 |
| 06886 | 1,2-Dichloropropane | 78-87-5 | N.D. | 1.0 | 5.0 | 1 |
| 06886 | cis-1,3-Dichloropropene | 10061-01-5 | N.D. | 1.0 | 5.0 | 1 |
| 06886 | trans-1,3-Dichloropropene | 10061-02-6 | N.D. | 1.0 | 5.0 | 1 |
| 06886 | Methylene Chloride | 75-09-2 | N.D. | 2.0 | 5.0 | 1 |
| 06886 | 1,1,1,2-Tetrachloroethane | 630-20-6 | N.D. | 1.0 | 5.0 | 1 |
| 06886 | 1,1,2,2-Tetrachloroethane | 79-34-5 | N.D. | 1.0 | 5.0 | 1 |
| 06886 | Tetrachloroethene | 127-18-4 | N.D. | 0.80 | 5.0 | 1 |
| 06886 | 1,1,1-Trichloroethane | 71-55-6 | N.D. | 0.80 | 5.0 | 1 |
| 06886 | 1,1,2-Trichloroethane | 79-00-5 | N.D. | 0.80 | 5.0 | 1 |
| 06886 | Trichloroethene | 79-01-6 | 2.5 J | 1.0 | 5.0 | 1 |
| 06886 | Trichlorofluoromethane | 75-69-4 | N.D. | 2.0 | 5.0 | 1 |
| 06886 | 1,2,3-Trichloropropane | 96-18-4 | N.D. | 1.0 | 5.0 | 1 |
| 06886 | Vinyl Chloride | 75-01-4 | N.D. | 1.0 | 5.0 | 1 |
| | pH of the GC/MS volatile fraction | - | | - | ,_ | |
| RSKSO | P-175 08/11/94 GC Misce | llaneous | ug/l | ug/l | ug/l | |
| modif: | ied | | | | | |
| 07105 | Ethane | 74-84-0 | N.D. | 1.0 | 5.0 | 1 |
| 07105 | Ethene | 74-85-1 | N.D. | 1.0 | 5.0 | 1 |
| 07105 | Methane | 74-82-8 | 8.6 J | 5.0 | 15 | 1 |
| | | | | | | |
| | 6 6010B Metals | | mg/l | mg/l | mg/l | |
| 01754 | Iron | 7439-89-6 | N.D. | 0.0522 | 0.200 | 1 |

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



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Page 2 of 3

Lancaster Laboratories Sample No. WW 5649167

Group No. 1140978

NY

B-40 Water

BP Sanborn COC:

2040 Cory Dr - Sanborn, NY B-40

Collected: 04/16/2009 11:30 by RCB Account Number: 12495

Submitted: 04/17/2009 09:00 Atlantic Richfield(Parsons-NY)

Reported: 04/27/2009 at 18:31 BP Corporation

Discard: 05/28/2009 501 WestLake Park Blvd

Houston TX 77079

SAB40

| CAT No. | Analysis Name | | C | CAS Number | As Re Resul | ceived t | As Received Method Detection Limit* | As Received Limit of Quantitation | Dilution Factor |
|------------|---------------------|-------|---------|------------|----------------|-------------|---|---|--------------------|
| SW-846 | 6010B | Meta | als | | mg/l | | mg/l | mg/l | |
| 07058 | Manganese | | 7 | 7439-96-5 | 0.025 | 9 | 0.00084 | 0.0050 | 1 |
| EPA 30 | 00.0 | Wet | Chemist | ry | mg/l | | mg/l | mg/l | |
| 00224 | Chloride | | 1 | L6887-00-6 | 46.1 | | 4.0 | 8.0 | 20 |
| 00368 | Nitrate Nitrogen | | 1 | L4797-55-8 | 0.35 | J | 0.25 | 0.50 | 5 |
| 01506 | Nitrite Nitrogen | | 1 | L4797-65-0 | N.D. | | 0.40 | 0.50 | 5 |
| 00228 | Sulfate | | 1 | L4808-79-8 | 705 | | 60.0 | 200 | 200 |
| EPA 41 | L5.1 modified | Wet | Chemist | ry | mg/l | | mg/l | mg/l | |
| 07547 | Dissolved Organic O | arbon | r | ı.a. | 1.5 | | 0.50 | 1.0 | 1 |
| EPA 41 | LO.4 | Wet | Chemist | ry | mg/l | | mg/l | mg/l | |
| 04001 | Chemical Oxygen Dem | nand | r | ı.a. | 15.3 | J | 12.8 | 50.0 | 1 |
| SM20 5 | 5210 B | Wet | Chemist | ry | mg/l | | mg/l | mg/l | |
| 00235 | Biochemical Oxygen | Deman | d r | ı.a. | N.D. | | 3.6 | 3.6 | 1 |

General Sample Comments

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

Laboratory Chronicle

| CAT No. | Analysis Name | Method | Trial# | Batch# | Analysis Date and Ti | me | Analyst | Dilution Factor |
|------------|-------------------------------|-------------------|--------|--------------|-------------------------|-------|------------------|--------------------|
| 06886 | Appendix IX by 8260 - water | SW-846 8260B | 1 | Y091112AA | 04/21/2009 | 20:48 | Nicholas R Rossi | 1 |
| 00310 | 8260B water special scan | SW-846 8260B | 1 | Y091112AA | 04/21/2009 | 20:48 | Nicholas R Rossi | 1 |
| 01163 | GC/MS VOA Water Prep | SW-846 5030B | 1 | Y091112AA | 04/21/2009 | 20:48 | Nicholas R Rossi | 1 |
| 07105 | Volatile Headspace | RSKSOP-175 | 1 | 091120000A | 04/23/2009 | 12:47 | Dustin A | 1 |
| | Hydrocarbon | 08/11/94 modified | | | | | Underkoffler | |
| 01754 | Iron | SW-846 6010B | 1 | 091101848005 | 04/22/2009 | 02:36 | John W Yanzuk II | 1 |
| 07058 | Manganese | SW-846 6010B | 1 | 091101848005 | 04/22/2009 | 02:36 | John W Yanzuk II | 1 |
| 01848 | WW SW846 ICP Digest (tot rec) | SW-846 3005A | 1 | 091101848005 | 04/21/2009 | 09:20 | Denise K Conners | 1 |
| 00224 | Chloride | EPA 300.0 | 1 | 09107130102A | 04/21/2009 | 15:45 | Ashley M Heckman | 20 |
| 00368 | Nitrate Nitrogen | EPA 300.0 | 1 | 09107130102A | 04/18/2009 | 00:11 | Ashley M Heckman | 5 |
| 01506 | Nitrite Nitrogen | EPA 300.0 | 1 | 09107130102A | 04/18/2009 | 00:11 | Ashley M Heckman | 5 |
| 00228 | Sulfate | EPA 300.0 | 1 | 09107130102A | 04/21/2009 | 17:11 | Ashley M Heckman | 200 |
| 07547 | Dissolved Organic Carbon | EPA 415.1 modifie | d 1 | 09111049501B | 04/21/2009 | 05:54 | James S Mathiot | 1 |
| 04001 | Chemical Oxygen Demand | EPA 410.4 | 1 | 09110400102A | 04/20/2009 | 08:35 | Susan A Engle | 1 |
| 00235 | Biochemical Oxygen Demand | SM20 5210 B | 1 | 09107023502A | 04/17/2009 | 13:27 | Hannah M Royer | 1 |



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Page 1 of 3

Lancaster Laboratories Sample No. WW 5649168

Group No. 1140978

NY

B-39 Water

BP Sanborn COC:

2040 Cory Dr - Sanborn, NY B-30

Collected: 04/16/2009 12:35 by RCB Account Number: 12495

Submitted: 04/17/2009 09:00 Atlantic Richfield(Parsons-NY)

Reported: 04/27/2009 at 18:31 BP Corporation

Discard: 05/28/2009 501 WestLake Park Blvd

Houston TX 77079

SAB30

| SW-846 8260B GC/MS Volatiles ug/l ug/l ug/l | CAT No. | Analysis Name | | CAS | Number | As Rec Result | | As Rec Method Detect | As Receiv Limit of Quantitat | Dilution Factor |
|--|------------|---------------------|----------|------------|-----------|------------------|---------|----------------------------|--|------------------------|
| 00310 Bromobenzene 108-86-1 N.D. 1.0 5.0 1 06886 Bromodichloromethane 75-27-4 N.D. 1.0 5.0 1 06886 Bromoform 75-25-2 N.D. 1.0 5.0 1 06886 Bromomethane 74-83-9 N.D. 1.0 5.0 1 06886 Carbon Tetrachloride 56-23-5 N.D. 1.0 5.0 1 06886 Chlorobenzene 108-90-7 N.D. 0.80 5.0 1 06886 Chloroethyl Vinyl Ether 110-75-8 N.D. 1.0 5.0 1 06886 Chloroethyl Vinyl Ether may not be recovered if acid was used to preserve this sample. 7 <td< th=""><th>SW-846</th><th>8260B</th><th>GC/MS</th><th>Volatile</th><th>es</th><th>ug/l</th><th></th><th>ug/l</th><th>ug/l</th><th></th></td<> | SW-846 | 8260B | GC/MS | Volatile | es | ug/l | | ug/l | ug/l | |
| 06886 Bromodichloromethane 75-27-4 N.D. 1.0 5.0 1 06886 Bromoform 75-25-2 N.D. 1.0 5.0 1 06886 Bromomethane 74-83-9 N.D. 1.0 5.0 1 06886 Carbon Tetrachloride 56-23-5 N.D. 1.0 5.0 1 06886 Chlorobenzene 108-90-7 N.D. 0.80 5.0 1 06886 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. 10 1 | 00310 | Benzyl Chloride | | 100- | -44-7 | N.D. | | 1.0 | 5.0 | 1 |
| 06886 Bromoform 75-25-2 N.D. 1.0 5.0 1 06886 Bromomethane 74-83-9 N.D. 1.0 5.0 1 06886 Carbon Tetrachloride 56-23-5 N.D. 1.0 5.0 1 06886 Chloroethane 108-90-7 N.D. 0.80 5.0 1 06886 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. 10 10 1 1 06886 Chloromethane 67-66-3 N.D. 0.80 5.0 1 06886 Chloromethane 74-87-3 N.D. 1.0 5.0 1 06886 Dibromochloromethane 124-48-1 N.D. 1.0 5.0 1 06886 Dibromomethane 74-95-3 N.D. 1.0 5.0 1 06886 Dibromomethane 74-95-3 N.D. 1.0 5.0 1 <tr< td=""><td>00310</td><td>-</td><td></td><td>108-</td><td>-86-1</td><td>N.D.</td><td></td><td>1.0</td><td>5.0</td><td>1</td></tr<> | 00310 | - | | 108- | -86-1 | N.D. | | 1.0 | 5.0 | 1 |
| 06886 Bromomethane 74-83-9 N.D. 1.0 5.0 1 06886 Carbon Tetrachloride 56-23-5 N.D. 1.0 5.0 1 06886 Chloroethane 108-90-7 N.D. 0.80 5.0 1 06886 Chloroethane 75-00-3 N.D. 1.0 5.0 1 00310 2-Chloroethyl Vinyl Ether 110-75-8 N.D. 2.0 10 1 2-Chloroethyl vinyl ether may not be recovered if acid was used to preserve this sample. 10 1 1 1 06886 Chloroform 67-66-3 N.D. 0.80 5.0 1 06886 Chloromethane 74-87-3 N.D. 1.0 5.0 1 06886 Dibromomethane 74-87-3 N.D. 1.0 5.0 1 06886 Dibromomethane 74-95-3 N.D. 1.0 5.0 1 06886 Dibromomethane 74-95-3 N.D. 1.0 5.0 1 | 06886 | Bromodichloromethan | е | 75-2 | 27-4 | N.D. | | 1.0 | 5.0 | 1 |
| 06886 Carbon Tetrachloride 56-23-5 N.D. 1.0 5.0 1 06886 Chlorobenzene 108-90-7 N.D. 0.80 5.0 1 06886 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. 8 10 5.0 1 06886 Chloroform 67-66-3 N.D. 0.80 5.0 1 06886 Chloromethane 74-87-3 N.D. 1.0 5.0 1 06886 Dibromochloromethane 124-48-1 N.D. 1.0 5.0 1 06886 Dibromoethane 74-95-3 N.D. 1.0 5.0 1 00310 1,2-Dichlorobenzene 95-50-1 N.D. 1.0 5.0 1 00310 1,3-Dichlorobenzene 541-73-1 N.D. 1.0 5.0 1 00310 1,4-Dichlorobenzene 106-46-7 N.D. 1.0 5.0 1< | 06886 | Bromoform | | 75-2 | 25-2 | N.D. | | 1.0 | 5.0 | 1 |
| 06886 Chlorobenzene 108-90-7 N.D. 0.80 5.0 1 06886 Chloroethane 75-00-3 N.D. 1.0 5.0 1 00310 2-Chloroethyl Vinyl Ether 110-75-8 N.D. 2.0 10 1 2-Chloroethyl vinyl ether may not be recovered if acid was used to preserve this sample. 5.0 10 1 06886 Chloroform 67-66-3 N.D. 0.80 5.0 1 06886 Chloromethane 74-87-3 N.D. 1.0 5.0 1 06886 Dibromomethane 124-48-1 N.D. 1.0 5.0 1 06886 Dibromomethane 74-95-3 N.D. 1.0 5.0 1 00310 1,2-Dichlorobenzene 95-50-1 N.D. 1.0 5.0 1 00310 1,3-Bichlorobenzene 541-73-1 N.D. 1.0 5.0 1 00310 1,4-Dichloroethane 75-71-8 N.D. 1.0 5.0 1 | 06886 | Bromomethane | | 74-8 | 33-9 | N.D. | | 1.0 | 5.0 | 1 |
| 06886 Chlorobenzene 108-90-7 N.D. 0.80 5.0 1 06886 Chloroethane 75-00-3 N.D. 1.0 5.0 1 00310 2-Chloroethyl Vinyl Ether 110-75-8 N.D. 2.0 10 1 2-Chloroethyl vinyl ether may not be recovered if acid was used to preserve this sample. 5.0 10 1 06886 Chloroform 67-66-3 N.D. 0.80 5.0 1 06886 Chloromethane 74-87-3 N.D. 1.0 5.0 1 06886 Dibromomethane 124-48-1 N.D. 1.0 5.0 1 06886 Dibromomethane 74-95-3 N.D. 1.0 5.0 1 00310 1,2-Dichlorobenzene 95-50-1 N.D. 1.0 5.0 1 00310 1,3-Dichlorobenzene 541-73-1 N.D. 1.0 5.0 1 06886 Dichlorodifluoromethane 75-71-8 N.D. 2.0 5.0 1 | 06886 | Carbon Tetrachlorid | е | 56-2 | 23-5 | N.D. | | 1.0 | 5.0 | 1 |
| 00310 2-Chloroethyl Vinyl Ether 110-75-8 N.D. 2.0 10 1 2-Chloroethyl vinyl ether may not be recovered if acid was used to preserve this sample. 06886 Chloroform 67-66-3 N.D. 0.80 5.0 1 06886 Chloromethane 74-87-3 N.D. 1.0 5.0 1 06886 Dibromochloromethane 124-48-1 N.D. 1.0 5.0 1 06886 Dibromomethane 74-95-3 N.D. 1.0 5.0 1 00310 1,2-Dichlorobenzene 95-50-1 N.D. 1.0 5.0 1 00310 1,3-Dichlorobenzene 541-73-1 N.D. 1.0 5.0 1 00310 1,4-Dichlorobenzene 106-46-7 N.D. 1.0 5.0 1 06886 Dichlorodifluoromethane 75-71-8 N.D. 2.0 5.0 1 06886 Dichlorodifluoromethane 75-71-8 N.D. 2.0 5.0 1 06886 1,1-Dichloroethane 75-34-3 N.D. 1.0 5.0 1 06886 1,2-Dichloroethane 107-06-2 N.D. 1.0 5.0 1 06886 1,1-Dichloroethene 75-35-4 N.D. 0.80 5.0 1 06886 cis-1,2-Dichloroethene 156-59-2 1.7 J 0.80 5.0 1 06886 trans-1,2-Dichloroethene 156-60-5 N.D. 0.80 5.0 1 06886 trans-1,2-Dichloroethene 156-60-5 N.D. 0.80 5.0 1 | 06886 | Chlorobenzene | | 108- | -90-7 | N.D. | | 0.80 | | 1 |
| 00310 2-Chloroethyl Vinyl Ether 110-75-8 N.D. 2.0 10 1 2-Chloroethyl vinyl ether may not be recovered if acid was used to preserve this sample. 8 1 1 06886 Chloroform 67-66-3 N.D. 0.80 5.0 1 06886 Chloromethane 74-87-3 N.D. 1.0 5.0 1 06886 Dibromochloromethane 124-48-1 N.D. 1.0 5.0 1 06886 Dibromomethane 74-95-3 N.D. 1.0 5.0 1 00310 1,2-Dichlorobenzene 95-50-1 N.D. 1.0 5.0 1 00310 1,3-Dichlorobenzene 541-73-1 N.D. 1.0 5.0 1 00310 1,4-Dichlorobenzene 106-46-7 N.D. 1.0 5.0 1 06886 Dichlorodifluoromethane 75-71-8 N.D. 2.0 5.0 1 06886 1,1-Dichloroethane 75-34-3 N.D. 1.0 5.0 1 06886 1,2-Dichloroethene 75-35-4 N.D. 0.80 <td< td=""><td>06886</td><td>Chloroethane</td><td></td><td>75-0</td><td>00-3</td><td>N.D.</td><td></td><td>1.0</td><td>5.0</td><td>1</td></td<> | 06886 | Chloroethane | | 75-0 | 00-3 | N.D. | | 1.0 | 5.0 | 1 |
| 2-Chloroethyl vinyl ether may not be recovered if acid was used to preserve this sample. 06886 Chloroform 67-66-3 N.D. 0.80 5.0 1 06886 Chloromethane 74-87-3 N.D. 1.0 5.0 1 06886 Dibromochloromethane 124-48-1 N.D. 1.0 5.0 1 06886 Dibromomethane 74-95-3 N.D. 1.0 5.0 1 06310 1,2-Dichlorobenzene 95-50-1 N.D. 1.0 5.0 1 00310 1,3-Dichlorobenzene 541-73-1 N.D. 1.0 5.0 1 00310 1,4-Dichlorobenzene 106-46-7 N.D. 1.0 5.0 1 06886 Dichlorodifluoromethane 75-71-8 N.D. 1.0 5.0 1 06886 1,1-Dichloroethane 75-34-3 N.D. 1.0 5.0 1 06886 1,2-Dichloroethane 107-06-2 N.D. 1.0 5.0 1 06886 1,2-Dichloroethene 75-35-4 N.D. 1.0 5.0 1 06886 cis-1,2-Dichloroethene 156-59-2 1.7 J 0.80 5.0 1 06886 trans-1,2-Dichloroethene 156-60-5 N.D. 0.80 5.0 1 06886 trans-1,2-Dichloroethene 156-60-5 N.D. 0.80 5.0 1 | 00310 | 2-Chloroethyl Vinyl | Ether | | | N.D. | | 2.0 | | |
| preserve this sample. Chloroform 67-66-3 N.D. 0.80 5.0 1 06886 Chloromethane 74-87-3 N.D. 1.0 5.0 1 06886 Dibromochloromethane 124-48-1 N.D. 1.0 5.0 1 06886 Dibromomethane 74-95-3 N.D. 1.0 5.0 1 00310 1,2-Dichlorobenzene 95-50-1 N.D. 1.0 5.0 1 00310 1,3-Dichlorobenzene 541-73-1 N.D. 1.0 5.0 1 00310 1,4-Dichlorobenzene 106-46-7 N.D. 1.0 5.0 1 00310 1,4-Dichlorobenzene 106-46-7 N.D. 1.0 5.0 1 00886 Dichlorodifluoromethane 75-71-8 N.D. 2.0 5.0 1 06886 1,1-Dichloroethane 75-34-3 N.D. 1.0 5.0 1 06886 1,2-Dichloroethene 75-35-4 N.D. 0.80 5.0 1 06886 trans-1,2-Dichloroethene 156-59-2 1.7 J 0.80 | | | | | | | was us | | | |
| 06886 Chloroform 67-66-3 N.D. 0.80 5.0 1 06886 Chloromethane 74-87-3 N.D. 1.0 5.0 1 06886 Dibromochloromethane 124-48-1 N.D. 1.0 5.0 1 06886 Dibromomethane 74-95-3 N.D. 1.0 5.0 1 00310 1,2-Dichlorobenzene 95-50-1 N.D. 1.0 5.0 1 00310 1,3-Dichlorobenzene 541-73-1 N.D. 1.0 5.0 1 00310 1,4-Dichlorobenzene 106-46-7 N.D. 1.0 5.0 1 00310 1,4-Dichlorobenzene 106-46-7 N.D. 1.0 5.0 1 06886 Dichlorodifluoromethane 75-71-8 N.D. 2.0 5.0 1 06886 1,2-Dichloroethane 75-34-3 N.D. 1.0 5.0 1 06886 1,1-Dichloroethene 75-35-4 N.D. 0.80 5.0 1 <td></td> <td></td> <td></td> <td>u, 1100 20</td> <td>100010100</td> <td></td> <td>was as</td> <td>5a 55</td> <td></td> <td></td> | | | | u, 1100 20 | 100010100 | | was as | 5a 55 | | |
| 06886 Chloromethane 74-87-3 N.D. 1.0 5.0 1 06886 Dibromochloromethane 124-48-1 N.D. 1.0 5.0 1 06886 Dibromomethane 74-95-3 N.D. 1.0 5.0 1 00310 1,2-Dichlorobenzene 95-50-1 N.D. 1.0 5.0 1 00310 1,3-Dichlorobenzene 541-73-1 N.D. 1.0 5.0 1 00310 1,4-Dichlorobenzene 106-46-7 N.D. 1.0 5.0 1 06886 Dichlorodifluoromethane 75-71-8 N.D. 2.0 5.0 1 06886 1,1-Dichloroethane 75-34-3 N.D. 1.0 5.0 1 06886 1,2-Dichloroethane 107-06-2 N.D. 1.0 5.0 1 06886 cis-1,2-Dichloroethene 75-35-4 N.D. 0.80 5.0 1 06886 trans-1,2-Dichloroethene 156-59-2 1.7 J 0.80 | 06886 | _ | | 67-6 | 56-3 | N.D. | | 0.80 | 5.0 | 1 |
| 06886 Dibromochloromethane 124-48-1 N.D. 1.0 5.0 1 06886 Dibromomethane 74-95-3 N.D. 1.0 5.0 1 00310 1,2-Dichlorobenzene 95-50-1 N.D. 1.0 5.0 1 00310 1,3-Dichlorobenzene 541-73-1 N.D. 1.0 5.0 1 00310 1,4-Dichlorobenzene 106-46-7 N.D. 1.0 5.0 1 06886 Dichlorodifluoromethane 75-71-8 N.D. 2.0 5.0 1 06886 1,1-Dichloroethane 75-34-3 N.D. 1.0 5.0 1 06886 1,2-Dichloroethane 107-06-2 N.D. 1.0 5.0 1 06886 1,1-Dichloroethene 75-35-4 N.D. 0.80 5.0 1 06886 cis-1,2-Dichloroethene 156-59-2 1.7 J 0.80 5.0 1 06886 trans-1,2-Dichloroethene 156-60-5 N.D. 0.80 | 06886 | Chloromethane | | 74-8 | 37-3 | N.D. | | | 5.0 | |
| 06886 Dibromomethane 74-95-3 N.D. 1.0 5.0 1 00310 1,2-Dichlorobenzene 95-50-1 N.D. 1.0 5.0 1 00310 1,3-Dichlorobenzene 541-73-1 N.D. 1.0 5.0 1 00310 1,4-Dichlorobenzene 106-46-7 N.D. 1.0 5.0 1 06886 Dichlorodifluoromethane 75-71-8 N.D. 2.0 5.0 1 06886 1,1-Dichloroethane 75-34-3 N.D. 1.0 5.0 1 06886 1,2-Dichloroethane 107-06-2 N.D. 1.0 5.0 1 06886 1,1-Dichloroethene 75-35-4 N.D. 0.80 5.0 1 06886 cis-1,2-Dichloroethene 156-59-2 1.7 J 0.80 5.0 1 06886 trans-1,2-Dichloroethene 156-60-5 N.D. 0.80 5.0 1 06886 1,2-Dichloropropane 78-87-5 N.D. 1.0 5.0 1 | 06886 | Dibromochloromethan | е | 124 | -48-1 | N.D. | | 1.0 | | 1 |
| 00310 1,3-Dichlorobenzene 541-73-1 N.D. 1.0 5.0 1 00310 1,4-Dichlorobenzene 106-46-7 N.D. 1.0 5.0 1 06886 Dichlorodifluoromethane 75-71-8 N.D. 2.0 5.0 1 06886 1,1-Dichloroethane 75-34-3 N.D. 1.0 5.0 1 06886 1,2-Dichloroethane 107-06-2 N.D. 1.0 5.0 1 06886 1,1-Dichloroethene 75-35-4 N.D. 0.80 5.0 1 06886 cis-1,2-Dichloroethene 156-59-2 1.7 J 0.80 5.0 1 06886 trans-1,2-Dichloroethene 156-60-5 N.D. 0.80 5.0 1 06886 1,2-Dichloropropane 78-87-5 N.D. 1.0 5.0 1 | 06886 | Dibromomethane | | | | N.D. | | | | |
| 00310 1,3-Dichlorobenzene 541-73-1 N.D. 1.0 5.0 1 00310 1,4-Dichlorobenzene 106-46-7 N.D. 1.0 5.0 1 06886 Dichlorodifluoromethane 75-71-8 N.D. 2.0 5.0 1 06886 1,1-Dichloroethane 75-34-3 N.D. 1.0 5.0 1 06886 1,2-Dichloroethane 107-06-2 N.D. 1.0 5.0 1 06886 1,1-Dichloroethene 75-35-4 N.D. 0.80 5.0 1 06886 cis-1,2-Dichloroethene 156-59-2 1.7 J 0.80 5.0 1 06886 trans-1,2-Dichloroethene 156-60-5 N.D. 0.80 5.0 1 06886 1,2-Dichloropropane 78-87-5 N.D. 1.0 5.0 1 | 00310 | 1,2-Dichlorobenzene | | 95-5 | 50-1 | N.D. | | 1.0 | 5.0 | 1 |
| 06886 Dichlorodifluoromethane 75-71-8 N.D. 2.0 5.0 1 06886 1,1-Dichloroethane 75-34-3 N.D. 1.0 5.0 1 06886 1,2-Dichloroethane 107-06-2 N.D. 1.0 5.0 1 06886 1,1-Dichloroethene 75-35-4 N.D. 0.80 5.0 1 06886 cis-1,2-Dichloroethene 156-59-2 1.7 J 0.80 5.0 1 06886 trans-1,2-Dichloroethene 156-60-5 N.D. 0.80 5.0 1 06886 1,2-Dichloropropane 78-87-5 N.D. 1.0 5.0 1 | | • | | | | N.D. | | 1.0 | 5.0 | 1 |
| 06886 Dichlorodifluoromethane 75-71-8 N.D. 2.0 5.0 1 06886 1,1-Dichloroethane 75-34-3 N.D. 1.0 5.0 1 06886 1,2-Dichloroethane 107-06-2 N.D. 1.0 5.0 1 06886 1,1-Dichloroethene 75-35-4 N.D. 0.80 5.0 1 06886 cis-1,2-Dichloroethene 156-59-2 1.7 J 0.80 5.0 1 06886 trans-1,2-Dichloroethene 156-60-5 N.D. 0.80 5.0 1 06886 1,2-Dichloropropane 78-87-5 N.D. 1.0 5.0 1 | 00310 | 1,4-Dichlorobenzene | | 106 | -46-7 | N.D. | | 1.0 | 5.0 | 1 |
| 06886 1,1-Dichloroethane 75-34-3 N.D. 1.0 5.0 1 06886 1,2-Dichloroethane 107-06-2 N.D. 1.0 5.0 1 06886 1,1-Dichloroethene 75-35-4 N.D. 0.80 5.0 1 06886 cis-1,2-Dichloroethene 156-59-2 1.7 J 0.80 5.0 1 06886 trans-1,2-Dichloroethene 156-60-5 N.D. 0.80 5.0 1 06886 1,2-Dichloropropane 78-87-5 N.D. 1.0 5.0 1 | | , | hane | | | N.D. | | | | |
| 06886 1,2-Dichloroethane 107-06-2 N.D. 1.0 5.0 1 06886 1,1-Dichloroethene 75-35-4 N.D. 0.80 5.0 1 06886 cis-1,2-Dichloroethene 156-59-2 1.7 J 0.80 5.0 1 06886 trans-1,2-Dichloroethene 156-60-5 N.D. 0.80 5.0 1 06886 1,2-Dichloropropane 78-87-5 N.D. 1.0 5.0 1 | | | | | | | | | | |
| 06886 1,1-Dichloroethene 75-35-4 N.D. 0.80 5.0 1 06886 cis-1,2-Dichloroethene 156-59-2 1.7 J 0.80 5.0 1 06886 trans-1,2-Dichloroethene 156-60-5 N.D. 0.80 5.0 1 06886 1,2-Dichloropropane 78-87-5 N.D. 1.0 5.0 1 | 06886 | 1.2-Dichloroethane | | 107 | -06-2 | N.D. | | 1.0 | 5.0 | 1 |
| 06886 cis-1,2-Dichloroethene 156-59-2 1.7 J 0.80 5.0 1 06886 trans-1,2-Dichloroethene 156-60-5 N.D. 0.80 5.0 1 06886 1,2-Dichloropropane 78-87-5 N.D. 1.0 5.0 1 | | • | | | | | | | | |
| 06886 trans-1,2-Dichloroethene 156-60-5 N.D. 0.80 5.0 1 06886 1,2-Dichloropropane 78-87-5 N.D. 1.0 5.0 1 | 06886 | • | ene | 156 | -59-2 | 1.7 | J | | | 1 |
| 06886 1,2-Dichloropropane 78-87-5 N.D. 1.0 5.0 1 | 06886 | • | | 156 | -60-5 | N.D. | | 0.80 | 5.0 | 1 |
| | | • | | | | | | | | |
| | 06886 | | oene | 1006 | 51-01-5 | N.D. | | 1.0 | 5.0 | 1 |
| 06886 trans-1,3-Dichloropropene 10061-02-6 N.D. 1.0 5.0 1 | 06886 | | | | | N.D. | | 1.0 | 5.0 | 1 |
| 06886 Methylene Chloride 75-09-2 N.D. 2.0 5.0 1 | 06886 | | 1 | 75-0 | 09-2 | N.D. | | 2.0 | 5.0 | 1 |
| 06886 1,1,1,2-Tetrachloroethane 630-20-6 N.D. 1.0 5.0 1 | | - | ethane | | | N.D. | | 1.0 | 5.0 | |
| 06886 1,1,2,2-Tetrachloroethane 79-34-5 N.D. 1.0 5.0 1 | 06886 | | | | | N.D. | | 1.0 | 5.0 | 1 |
| 06886 Tetrachloroethene 127-18-4 N.D. 0.80 5.0 1 | 06886 | | | 127 | -18-4 | N.D. | | 0.80 | 5.0 | 1 |
| 06886 1,1,1-Trichloroethane 71-55-6 N.D. 0.80 5.0 1 | 06886 | 1,1,1-Trichloroetha | ne | 71-5 | 55-6 | N.D. | | 0.80 | 5.0 | 1 |
| 06886 1,1,2-Trichlorcethane 79-00-5 N.D. 0.80 5.0 1 | | | | | | | | | | |
| 06886 Trichloroethene 79-01-6 4.1 J 1.0 5.0 1 | 06886 | Trichloroethene | | 79-0 | 01-6 | 4.1 | J | | 5.0 | 1 |
| 06886 Trichlorofluoromethane 75-69-4 N.D. 2.0 5.0 1 | | Trichlorofluorometh | ane | | | N.D. | | | | |
| 06886 1,2,3-Trichloropropane 96-18-4 N.D. 1.0 5.0 1 | 06886 | 1,2,3-Trichloroprop | ane | 96-1 | 18-4 | N.D. | | 1.0 | 5.0 | 1 |
| 06886 Vinyl Chloride 75-01-4 N.D. 1.0 5.0 1 | | | | 75-0 | 01-4 | N.D. | | 1.0 | 5.0 | 1 |
| The pH of the GC/MS volatile fraction was pH = 7 at the time of analysis. | | - | ile frac | | | the tim | e of an | | | |
| RSKSOP-175 08/11/94 GC Miscellaneous ug/l ug/l ug/l | DCFGOT | 0_175 00/11/0/ | CC Mia | aellana | 2116 | ug/1 | | υσ/1 | 110/1 | |
| modified | | · · · | GC MIS | CETTAILE | Jub | ~g/ ± | | ~g/ ± | 49/± | |
| 07105 Ethane 74-84-0 1.3 J 1.0 5.0 1 | | | | 74 (| 24 0 | 1 2 | т | 1 0 | E 0 | 1 |
| | | | | | | | U | | | |
| | | | | | | | - | | | |
| 07105 Methane 74-82-8 9.4 J 5.0 15 1 | 0/105 | riecilalle | | /4-8 | 0∠-8 | 9.4 | U | 5.0 | 15 | 1 |
| SW-846 6010B Metals mg/l mg/l mg/l | SW-846 | 6010B | Metals | J | | mg/l | | mg/l | mg/l | |
| 01754 Iron 7439-89-6 0.381 0.0522 0.200 1 | 01754 | Iron | | 7439 | 9-89-6 | 0.381 | | 0.0522 | 0.200 | 1 |

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



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Page 2 of 3

Lancaster Laboratories Sample No. WW 5649168

Group No. 1140978

NY

B-39 Water

BP Sanborn COC:

2040 Cory Dr - Sanborn, NY B-30

Collected: 04/16/2009 12:35 by RCB Account Number: 12495

Submitted: 04/17/2009 09:00 Atlantic Richfield(Parsons-NY)

Reported: 04/27/2009 at 18:31 BP Corporation

Discard: 05/28/2009 501 WestLake Park Blvd

Houston TX 77079

SAB30

| CAT No. | Analysis Name | | | CAS Number | As Rec Result | | As Received Method Detection Limit* | As Received Limit of Quantitation | Dilution Factor |
|------------|---------------------|--------|---------|------------|------------------|---|---|---|--------------------|
| SW-846 | 6010B | Meta: | ls | | mg/l | | mg/l | mg/l | |
| 07058 | Manganese | | | 7439-96-5 | 0.0181 | | 0.00084 | 0.0050 | 1 |
| EPA 30 | 00.0 | Wet (| Chemist | try | mg/l | | mg/l | mg/l | |
| 00224 | Chloride | | | 16887-00-6 | 78.0 | | 4.0 | 8.0 | 20 |
| 00368 | Nitrate Nitrogen | | | 14797-55-8 | 1.2 | | 0.25 | 0.50 | 5 |
| 01506 | Nitrite Nitrogen | | | 14797-65-0 | N.D. | | 0.40 | 0.50 | 5 |
| 00228 | Sulfate | | | 14808-79-8 | 252 | | 6.0 | 20.0 | 20 |
| EPA 41 | L5.1 modified | Wet (| Chemist | try | mg/l | | mg/l | mg/l | |
| 07547 | Dissolved Organic O | arbon! | | n.a. | 2.1 | | 0.50 | 1.0 | 1 |
| EPA 41 | LO.4 | Wet (| Chemist | try | mg/l | | mg/l | mg/l | |
| 04001 | Chemical Oxygen Dem | and | | n.a. | 15.3 | J | 12.8 | 50.0 | 1 |
| SM20 5 | 5210 B | Wet (| Chemist | try | mg/l | | mg/l | mg/l | |
| 00235 | Biochemical Oxygen | Demand | | n.a. | N.D. | | 2.4 | 2.4 | 1 |

General Sample Comments

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

Laboratory Chronicle

| CAT No. | Analysis Name | Method | Trial# | Batch# | Analysis Date and Ti | me | Analyst | Dilution Factor |
|------------|-------------------------------|-------------------|--------|--------------|-------------------------|-------|------------------|--------------------|
| 06886 | Appendix IX by 8260 - water | SW-846 8260B | 1 | Y091112AA | 04/21/2009 | 21:08 | Nicholas R Rossi | 1 |
| 00310 | 8260B water special scan | SW-846 8260B | 1 | Y091112AA | 04/21/2009 | 21:08 | Nicholas R Rossi | 1 |
| 01163 | GC/MS VOA Water Prep | SW-846 5030B | 1 | Y091112AA | 04/21/2009 | 21:08 | Nicholas R Rossi | 1 |
| 07105 | Volatile Headspace | RSKSOP-175 | 1 | 091120000A | 04/23/2009 | 13:16 | Dustin A | 1 |
| | Hydrocarbon | 08/11/94 modified | f | | | | Underkoffler | |
| 01754 | Iron | SW-846 6010B | 1 | 091101848005 | 04/22/2009 | 02:40 | John W Yanzuk II | 1 |
| 07058 | Manganese | SW-846 6010B | 1 | 091101848005 | 04/22/2009 | 02:40 | John W Yanzuk II | 1 |
| 01848 | WW SW846 ICP Digest (tot rec) | SW-846 3005A | 1 | 091101848005 | 04/21/2009 | 09:20 | Denise K Conners | 1 |
| 00224 | Chloride | EPA 300.0 | 1 | 09107130102A | 04/21/2009 | 18:04 | Ashley M Heckman | 20 |
| 00368 | Nitrate Nitrogen | EPA 300.0 | 1 | 09107130102A | 04/18/2009 | 01:43 | Ashley M Heckman | 5 |
| 01506 | Nitrite Nitrogen | EPA 300.0 | 1 | 09107130102A | 04/18/2009 | 01:43 | Ashley M Heckman | 5 |
| 00228 | Sulfate | EPA 300.0 | 1 | 09107130102A | 04/21/2009 | 18:04 | Ashley M Heckman | 20 |
| 07547 | Dissolved Organic Carbon | EPA 415.1 modifie | ed 1 | 09111049501B | 04/21/2009 | 06:30 | James S Mathiot | 1 |
| 04001 | Chemical Oxygen Demand | EPA 410.4 | 1 | 09110400102A | 04/20/2009 | 08:35 | Susan A Engle | 1 |
| 00235 | Biochemical Oxygen Demand | SM20 5210 B | 1 | 09107023502A | 04/17/2009 | 13:27 | Hannah M Royer | 1 |



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Page 3 of 3



As Received

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Page 1 of 3

Lancaster Laboratories Sample No. WW 5649169

Group No. 1140978

As Received

NY

B-41 Water

BP Sanborn COC:

2040 Cory Dr - Sanborn, NY B-41

Collected: 04/16/2009 09:40 by RCB Account Number: 12495

Submitted: 04/17/2009 09:00 Atlantic Richfield(Parsons-NY)

Reported: 04/27/2009 at 18:31 BP Corporation

Discard: 05/28/2009 501 WestLake Park Blvd

Houston TX 77079

SAB41

| CAT No. | Analysis Name | CAS Number | As Received Result | Method Detection Limit* | Limit of Quantitation | Dilution Factor |
|----------------|--|---------------------|-----------------------|----------------------------|--------------------------|--------------------|
| SW-84 | 6 8260B GC/MS | Volatiles | ug/l | ug/l | ug/l | |
| 00310 | Benzyl Chloride | 100-44-7 | N.D. | 1.0 | 5.0 | 1 |
| 00310 | Bromobenzene | 108-86-1 | N.D. | 1.0 | 5.0 | 1 |
| 06886 | Bromodichloromethane | 75-27-4 | N.D. | 1.0 | 5.0 | 1 |
| 06886 | Bromoform | 75-25-2 | N.D. | 1.0 | 5.0 | 1 |
| 06886 | Bromomethane | 74-83-9 | N.D. | 1.0 | 5.0 | 1 |
| 06886 | Carbon Tetrachloride | 56-23-5 | N.D. | 1.0 | 5.0 | 1 |
| 06886 | Chlorobenzene | 108-90-7 | N.D. | 0.80 | 5.0 | 1 |
| 06886 | Chloroethane | 75-00-3 | N.D. | 1.0 | 5.0 | 1 |
| 00310 | 2-Chloroethyl Vinyl Ether | 110-75-8 | N.D. | 2.0 | 10 | 1 |
| | 2-Chloroethyl vinyl ether many preserve this sample. | _ | | | | |
| 06886 | Chloroform | 67-66-3 | N.D. | 0.80 | 5.0 | 1 |
| 06886 | Chloromethane | 74-87-3 | N.D. | 1.0 | 5.0 | 1 |
| 06886 | Dibromochloromethane | 124-48-1 | N.D. | 1.0 | 5.0 | 1 |
| 06886 | Dibromomethane | 74-95-3 | N.D. | 1.0 | 5.0 | 1 |
| 00310 | 1,2-Dichlorobenzene | 95-50-1 | N.D. | 1.0 | 5.0 | 1 |
| 00310 | 1,3-Dichlorobenzene | 541-73-1 | N.D. | 1.0 | 5.0 | 1 |
| 00310 | 1,4-Dichlorobenzene | 106-46-7 | N.D. | 1.0 | 5.0 | 1 |
| 06886 | Dichlorodifluoromethane | 75-71-8 | N.D. | 2.0 | 5.0 | 1 |
| 06886 | 1,1-Dichloroethane | 75-34-3 | N.D. | 1.0 | 5.0 | 1 |
| 06886 | 1,2-Dichloroethane | 107-06-2 | N.D. | 1.0 | 5.0 | 1 |
| 06886 | 1,1-Dichloroethene | 75-35-4 | N.D. | 0.80 | 5.0 | 1 |
| 06886 | cis-1,2-Dichloroethene | 156-59-2 | 6.8 | 0.80 | 5.0 | 1 |
| 06886 | trans-1,2-Dichloroethene | 156-60-5 | N.D. | 0.80 | 5.0 | 1 1 |
| 06886 | 1,2-Dichloropropane | 78-87-5 | N.D. | 1.0 | 5.0 | |
| 06886 | cis-1,3-Dichloropropene | 10061-01-5 | N.D. | 1.0 | 5.0 | 1 |
| 06886 06886 | trans-1,3-Dichloropropene Methylene Chloride | 10061-02-6 | N.D. N.D. | 1.0 | 5.0 5.0 | 1 1 |
| 06886 | 1,1,1,2-Tetrachloroethane | 75-09-2 | N.D. | 1.0 | 5.0 | 1 |
| 06886 | 1,1,2,2-Tetrachloroethane | 630-20-6 79-34-5 | N.D. | 1.0 | 5.0 | 1 |
| 06886 | Tetrachloroethene | | N.D. | | 5.0 | 1 |
| | 1,1,1-Trichloroethane | 127-18-4 | | 0.80 | 5.0 | 1 |
| 06886 06886 | 1,1,2-Trichloroethane | 71-55-6 79-00-5 | N.D. N.D. | 0.80 0.80 | 5.0 | 1 |
| 06886 | Trichloroethene | 79-00-5 | N.D. | 1.0 | 5.0 | 1 |
| 06886 | Trichlorofluoromethane | 75-69-4 | N.D. | 2.0 | 5.0 | 1 |
| 06886 | 1,2,3-Trichloropropane | 96-18-4 | N.D. | 1.0 | 5.0 | 1 |
| | Vinyl Chloride | 75-01-4 | 1.4 J | 1.0 | 5.0 | 1 |
| | pH of the GC/MS volatile fra | | | | 3.0 | 1 |
| RSKSO | P-175 08/11/94 GC Mi | scellaneous | ug/l | ug/l | ug/l | |
| modif: | | | | - | | |
| 07105 | Ethane | 74-84-0 | N.D. | 1.0 | 5.0 | 1 |
| 07105 | Ethene | 74-84-0 | N.D. | 1.0 | 5.0 | 1 |
| 07105 | Methane | 74-82-8 | 5.6 J | 5.0 | 15 | 1 |
| 0,100 | 1100114110 | 71 02 0 | 3.0 | 5.5 | | - |
| SW-84 | 6 6010B Metal: | s | mg/l | mg/l | mg/l | |
| 01754 | Iron | 7439-89-6 | 0.166 J | 0.0522 | 0.200 | 1 |

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



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Page 2 of 3

Lancaster Laboratories Sample No. WW 5649169

Group No. 1140978

NY

B-41 Water

BP Sanborn COC:

2040 Cory Dr - Sanborn, NY B-41

Collected: 04/16/2009 09:40 by RCB Account Number: 12495

Submitted: 04/17/2009 09:00 Atlantic Richfield(Parsons-NY)

Reported: 04/27/2009 at 18:31 BP Corporation

Discard: 05/28/2009 501 WestLake Park Blvd

Houston TX 77079

SAB41

| CAT No. | Analysis Name | | CAS Number | As Rece Result | eived | As Received Method Detection Limit* | As Received Limit of Quantitation | Dilution Factor |
|------------|---------------------|--------|------------|-------------------|-------|---|---|--------------------|
| SW-846 | 6010B | Metal | Ls | mg/l | | mg/l | mg/l | |
| 07058 | Manganese | | 7439-96-5 | 0.0152 | | 0.00084 | 0.0050 | 1 |
| EPA 30 | 00.0 | Wet 0 | Chemistry | mg/l | | mg/l | mg/l | |
| 00224 | Chloride | | 16887-00-6 | 69.8 | | 10.0 | 20.0 | 50 |
| 00368 | Nitrate Nitrogen | | 14797-55-8 | N.D. | | 0.25 | 0.50 | 5 |
| 01506 | Nitrite Nitrogen | | 14797-65-0 | N.D. | | 0.40 | 0.50 | 5 |
| 00228 | Sulfate | | 14808-79-8 | 139 | | 15.0 | 50.0 | 50 |
| EPA 41 | L5.1 modified | Wet 0 | Chemistry | mg/l | | mg/l | mg/l | |
| 07547 | Dissolved Organic (| Carbon | n.a. | 1.3 | | 0.50 | 1.0 | 1 |
| EPA 41 | LO.4 | Wet 0 | Chemistry | mg/l | | mg/l | mg/l | |
| 04001 | Chemical Oxygen Der | nand | n.a. | 17.6 | J | 12.8 | 50.0 | 1 |
| SM20 5 | 5210 B | Wet 0 | Chemistry | mg/l | | mg/l | mg/l | |
| 00235 | Biochemical Oxygen | Demand | n.a. | N.D. | | 2.7 | 2.7 | 1 |

General Sample Comments

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

Laboratory Chronicle

| CAT No. | Analysis Name | Method | Trial# | Batch# | Analysis Date and Ti | .me | Analyst | Dilution Factor |
|------------|-------------------------------|-------------------|--------|--------------|-------------------------|-------|------------------|--------------------|
| 06886 | Appendix IX by 8260 - water | SW-846 8260B | 1 | Y091112AA | 04/21/2009 | 21:28 | Nicholas R Rossi | 1 |
| 00310 | 8260B water special scan | SW-846 8260B | 1 | Y091112AA | 04/21/2009 | 21:28 | Nicholas R Rossi | 1 |
| 01163 | GC/MS VOA Water Prep | SW-846 5030B | 1 | Y091112AA | 04/21/2009 | 21:28 | Nicholas R Rossi | 1 |
| 07105 | Volatile Headspace | RSKSOP-175 | 1 | 091120000A | 04/23/2009 | 13:31 | Dustin A | 1 |
| | Hydrocarbon | 08/11/94 modified | | | | | Underkoffler | |
| 01754 | Iron | SW-846 6010B | 1 | 091101848005 | 04/22/2009 | 01:17 | John W Yanzuk II | 1 |
| 07058 | Manganese | SW-846 6010B | 1 | 091101848005 | 04/22/2009 | 01:17 | John W Yanzuk II | 1 |
| 01848 | WW SW846 ICP Digest (tot rec) | SW-846 3005A | 1 | 091101848005 | 04/21/2009 | 09:20 | Denise K Conners | 1 |
| 00224 | Chloride | EPA 300.0 | 1 | 09107130102A | 04/21/2009 | 18:21 | Ashley M Heckman | 50 |
| 00368 | Nitrate Nitrogen | EPA 300.0 | 1 | 09107130102A | 04/18/2009 | 02:01 | Ashley M Heckman | 5 |
| 01506 | Nitrite Nitrogen | EPA 300.0 | 1 | 09107130102A | 04/18/2009 | 02:01 | Ashley M Heckman | 5 |
| 00228 | Sulfate | EPA 300.0 | 1 | 09107130102A | 04/21/2009 | 18:21 | Ashley M Heckman | 50 |
| 07547 | Dissolved Organic Carbon | EPA 415.1 modifie | d 1 | 09111049501B | 04/21/2009 | 06:37 | James S Mathiot | 1 |
| 04001 | Chemical Oxygen Demand | EPA 410.4 | 1 | 09110400102A | 04/20/2009 | 08:35 | Susan A Engle | 1 |
| 00235 | Biochemical Oxygen Demand | SM20 5210 B | 1 | 09107023502A | 04/17/2009 | 13:27 | Hannah M Royer | 1 |



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Page 3 of 3



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Quality Control Summary

Client Name: Atlantic Richfield (Parsons-NY) Group Number: 1140978

Reported: 04/27/09 at 06:31 PM

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

Laboratory Compliance Quality Control

| Analysis Name | Blank <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: Y091112AA | Sample numi | ber(s): 56 | 49163-564 | 9169 | | | | | |
| Benzyl Chloride | N.D. | 1.0 | 5.0 | ug/l | 83 | | 65-118 | | |
| Bromobenzene | N.D. | 1.0 | 5.0 | ug/l | 93 | | 83-109 | | |
| Bromodichloromethane | N.D. | 1.0 | 5.0 | ug/l | 97 | | 79-118 | | |
| Bromoform | N.D. | 1.0 | 5.0 | uq/l | 100 | | 67-112 | | |
| Bromomethane | N.D. | 1.0 | 5.0 | uq/l | 96 | | 45-126 | | |
| Carbon Tetrachloride | N.D. | 1.0 | 5.0 | ug/l | 98 | | 75-123 | | |
| Chlorobenzene | N.D. | 0.80 | 5.0 | ug/l | 96 | | 82-111 | | |
| Chloroethane | N.D. | 1.0 | 5.0 | ug/l | 92 | | 55-119 | | |
| 2-Chloroethyl Vinyl Ether | N.D. | 2.0 | 10 | ug/l | 90 | | 39-151 | | |
| Chloroform | N.D. | 0.80 | 5.0 | ug/l | 97 | | 77-122 | | |
| Chloromethane | N.D. | 1.0 | 5.0 | ug/l | 101 | | 65-134 | | |
| Dibromochloromethane | N.D. | 1.0 | 5.0 | ug/l | 99 | | 78-113 | | |
| Dibromomethane | N.D. | 1.0 | 5.0 | ug/l | 97 | | 84-115 | | |
| 1,2-Dichlorobenzene | N.D. | 1.0 | 5.0 | ug/l | 93 | | 85-107 | | |
| 1,3-Dichlorobenzene | N.D. | 1.0 | 5.0 | ug/l | 95 | | 82-110 | | |
| 1,4-Dichlorobenzene | N.D. | 1.0 | 5.0 | ug/l | 94 | | 85-107 | | |
| Dichlorodifluoromethane | N.D. | 2.0 | 5.0 | ug/l | 86 | | 55-152 | | |
| 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 | 94 | | 70-130 | | |
| 1,1-Dichloroethene | N.D. | 0.80 | 5.0 | ug/l | 97 | | 77-119 | | |
| cis-1,2-Dichloroethene | N.D. | 0.80 | 5.0 | ug/l | 98 | | 85-115 | | |
| trans-1,2-Dichloroethene | N.D. | 0.80 | 5.0 | ug/l | 98 | | 83-116 | | |
| 1,2-Dichloropropane | N.D. | 1.0 | 5.0 | ug/l | 99 | | 79-114 | | |
| cis-1,3-Dichloropropene | N.D. | 1.0 | 5.0 | ug/l | 95 | | 82-113 | | |
| trans-1,3-Dichloropropene | N.D. | 1.0 | 5.0 | ug/l | 89 | | 77-116 | | |
| Methylene Chloride | N.D. | 2.0 | 5.0 | ug/l | 98 | | 81-116 | | |
| 1,1,1,2-Tetrachloroethane | N.D. | 1.0 | 5.0 | ug/l | 98 | | 81-113 | | |
| 1,1,2,2-Tetrachloroethane | N.D. | 1.0 | 5.0 | ug/l | 89 | | 71-117 | | |
| Tetrachloroethene | N.D. | 0.80 | 5.0 | ug/l | 101 | | 79-115 | | |
| 1,1,1-Trichloroethane | N.D. | 0.80 | 5.0 | ug/l | 95 | | 81-137 | | |
| 1,1,2-Trichloroethane | N.D. | 0.80 | 5.0 | ug/l | 95 | | 83-113 | | |
| Trichloroethene | N.D. | 1.0 | 5.0 | ug/l | 99 | | 85-114 | | |
| Trichlorofluoromethane | N.D. | 2.0 | 5.0 | ug/l | 86 | | 64-129 | | |
| 1,2,3-Trichloropropane | N.D. | 1.0 | 5.0 | ug/l | 87 | | 79-116 | | |
| Vinyl Chloride | N.D. | 1.0 | 5.0 | ug/l | 88 | | 63-129 | | |
| Batch number: 091120000A | Sample numi | | | | | | | | |
| Ethane | N.D. | 1.0 | 5.0 | ug/l | 105 | | 80-120 | | |
| Ethene | N.D. | 1.0 | 5.0 | ug/l | 105 | | 80-120 | | |
| Methane | N.D. | 5.0 | 15 | ug/l | 103 | | 80-120 | | |
| Batch number: 091101848005 | Sample num | | | | | | | | |
| Iron | N.D. | 0.0522 | 0.200 | mg/l | 101 | | 90-112 | | |
| Manganese | N.D. | 0.00084 | 0.0050 | mg/l | 104 | | 90-110 | | |
| Batch number: 09107130102A | Sample num | ber(s): 56 | 49167-564 | 9169 | | | | | |

*- 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.

Page 1 of 4



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Quality Control Summary

Client Name: Atlantic Richfield (Parsons-NY) Group Number: 1140978

Reported: 04/27/09 at 06:31 PM

Laboratory Compliance Quality Control

| Analysis Name Chloride Nitrate Nitrogen Nitrite Nitrogen Sulfate | Blank Result N.D. N.D. N.D. N.D. | Blank MDL** 0.20 0.050 0.080 0.30 | Blank LOO 0.40 0.10 0.10 1.0 | Report Units mg/l mg/l mg/l mg/l | LCS %REC 107 106 106 108 | LCSD <u>%REC</u> | LCS/LCSD Limits 90-110 90-110 90-110 89-110 | <u>RPD</u> | RPD Max |
|--|---|--|---|----------------------------------|---|---------------------|--|------------|---------|
| Batch number: 09111049501B Dissolved Organic Carbon | Sample num | ber(s): 50 0.50 | 649167-564 1.0 | 19169 mg/l | 99 | | 93-112 | | |
| Batch number: 09107023502A Biochemical Oxygen Demand | Sample num | ber(s): 50 | 649167-564 | 19169 | 100 | 98 | 85-115 | 3 | 8 |
| Batch number: 09110400102A Chemical Oxygen Demand | Sample num | ber(s): 50 | 649167-564 | 19169 | 99 | | 94-110 | | |

| Analysis Name | MS %REC | MSD %REC | MS/MSD Limits | <u>RPD</u> | RPD <u>MAX</u> | BKG Conc | DUP Conc | DUP RPD | Dup RPD Max |
|---------------------------|------------|-------------|------------------|------------|-------------------|-------------|-------------|------------|----------------|
| Batch number: Y091112AA | Sample | number(s) | : 5649163 | -56491 | 69 UNSP | K: P650490 | | | |
| Benzyl Chloride | 86 | 84 | 62-120 | 2 | 30 | | | | |
| Bromobenzene | 101 | 99 | 82-115 | 2 | 30 | | | | |
| Bromodichloromethane | 101 | 100 | 78-125 | 2 | 30 | | | | |
| Bromoform | 103 | 99 | 62-113 | 4 | 30 | | | | |
| Bromomethane | 103 | 106 | 48-136 | 3 | 30 | | | | |
| Carbon Tetrachloride | 113 | 113 | 81-138 | 0 | 30 | | | | |
| Chlorobenzene | 104 | 103 | 86-118 | 0 | 30 | | | | |
| Chloroethane | 106 | 108 | 58-134 | 1 | 30 | | | | |
| 2-Chloroethyl Vinyl Ether | 0* | 0* | 10-151 | 0 | 30 | | | | |
| Chloroform | 104 | 102 | 81-134 | 2 | 30 | | | | |
| Chloromethane | 116 | 115 | 67-154 | 1 | 30 | | | | |
| Dibromochloromethane | 100 | 99 | 74-116 | 1 | 30 | | | | |
| Dibromomethane | 97 | 95 | 83-119 | 2 | 30 | | | | |
| 1,2-Dichlorobenzene | 100 | 99 | 83-113 | 2 | 30 | | | | |
| 1,3-Dichlorobenzene | 103 | 101 | 82-115 | 2 | 30 | | | | |
| 1,4-Dichlorobenzene | 101 | 102 | 83-113 | 1 | 30 | | | | |
| Dichlorodifluoromethane | 114 | 114 | 63-187 | 0 | 30 | | | | |
| 1,1-Dichloroethane | 105 | 103 | 84-129 | 2 | 30 | | | | |
| 1,2-Dichloroethane | 96 | 93 | 66-141 | 3 | 30 | | | | |
| 1,1-Dichloroethene | 113 | 112 | 87-134 | 1 | 30 | | | | |
| cis-1,2-Dichloroethene | 107 | 104 | 85-125 | 3 | 30 | | | | |
| trans-1,2-Dichloroethene | 107 | 102 | 87-126 | 5 | 30 | | | | |
| 1,2-Dichloropropane | 102 | 102 | 83-124 | 0 | 30 | | | | |
| cis-1,3-Dichloropropene | 98 | 96 | 77-117 | 2 | 30 | | | | |
| trans-1,3-Dichloropropene | 93 | 90 | 74-119 | 3 | 30 | | | | |
| Methylene Chloride | 103 | 102 | 79-120 | 1 | 30 | | | | |
| 1,1,1,2-Tetrachloroethane | 102 | 100 | 82-119 | 2 | 30 | | | | |
| 1,1,2,2-Tetrachloroethane | 91 | 89 | 73-119 | 2 | 30 | | | | |
| Tetrachloroethene | 112 | 114 | 80-128 | 1 | 30 | | | | |
| 1,1,1-Trichloroethane | 110 | 107 | 85-151 | 3 | 30 | | | | |

^{*-} Outside of specification

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

Page 2 of 4



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Page 3 of 4

Quality Control Summary

Client Name: Atlantic Richfield (Parsons-NY) Group Number: 1140978

Reported: 04/27/09 at 06:31 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 | MAX | Conc | Conc | RPD | <u> Max</u> |
| 1,1,2-Trichloroethane | 102 | 97 | 77-124 | 5 | 30 | | | | |
| Trichloroethene | 107 | 106 | 88-125 | 1 | 30 | | | | |
| Trichlorofluoromethane | 107 | 108 | 73-152 | 1 | 30 | | | | |
| 1,2,3-Trichloropropane | 92 | 92 | 76-118 | 0 | 30 | | | | |
| Vinyl Chloride | 103 | 102 | 65-147 | 1 | 30 | | | | |
| Batch number: 091120000A | Sample | number(s) | . 5649167 | -56491 | 69 IINSE | K: P647584 | | | |
| Ethane | 120 | 136* | 68-131 | 12 | 20 | | | | |
| Ethene | 85 | 95 | 46-164 | 11 | 20 | | | | |
| Methane | -19000 | -19000 | 35-157 | 0 | 20 | | | | |
| | (2) | (2) | | - | | | | | |
| | , | , , | | | | | | | |
| Batch number: 091101848005 | Sample | number(s) | : 5649167 | -56491 | 69 UNSP | K: 5649169 | BKG: 5649169 |) | |
| Iron | 98 | 97 | 75-125 | 1 | 20 | 0.166 J | 0.156 J | 6 (1) | 20 |
| Manganese | 103 | 103 | 75-125 | 0 | 20 | 0.0152 | 0.0154 | 1 (1) | 20 |
| D | | 1 () | 5640468 | 56401 | | | D.T.G | | |
| Batch number: 09107130102A | _ | number(s) | | -564916 | 69 UNSP | | BKG: 5649167 | | 0.0 |
| Chloride | 104 | | 90-110 | | | 46.1 | 45.1 | 2 | 20 |
| Nitrate Nitrogen | 98 | | 90-110 | | | 0.35 J | 0.35 J | 0 (1) | 20 |
| Nitrite Nitrogen | 101 | | 90-110 | | | N.D. 705 | N.D. | 0 (1) | 20 |
| Sulfate | 101 | | 90-110 | | | 705 | 722 | 2 (1) | 20 |
| Batch number: 09111049501B | Samnle | number(g) | . 5649167 | -56491 | ea iinigd | r. 5649167 | BKG: 5649167 | 7 | |
| Dissolved Organic Carbon | 100 | TIGHIDCI (B) | 66-125 | 20421 | O O ONDI | 1.5 | 1.4 | 8* (1) | 2 |
| Dibbolved organic carbon | 100 | | 00 123 | | | 1.5 | | 0 (1) | 2 |
| Batch number: 09107023502A | Sample | number(s) | : 5649167 | -56491 | 69 UNSP | K: P648909 | BKG: P648914 | L | |
| Biochemical Oxygen Demand | 109 | 105 | 77-142 | 3 | 8 | 8.4 | 8.4 | 0 (1) | 14 |
| 15 | | | | | | | | | |
| Batch number: 09110400102A | Sample | number(s) | : 5649167 | -56491 | 69 UNSP | K: P647710 | BKG: P647710 |) | |
| Chemical Oxygen Demand | 95 | | 90-110 | | | N.D. | 13.0 J | 200* (1) | 5 |
| | | | | | | | | | |

Surrogate Quality Control

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

Analysis Name: Volatile Headspace Hydrocarbon

Batch number: 091120000A Propene

| | - | |
|---------|--------|--|
| 5649167 | 78 | |
| 5649168 | 64 | |
| 5649169 | 64 | |
| Blank | 114 | |
| LCS | 114 | |
| 1S | 116 | |
| MSD | 80 | |
| | | |
| Limits: | 42-131 | |

*- Outside of specification

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



78-113

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77-113

Page 4 of 4

Quality Control Summary

Client Name: Atlantic Richfield(Parsons-NY) Group Number: 1140978

Reported: 04/27/09 at 06:31 PM

80-116

Limits:

Surrogate Quality Control

80-113

Analysis Name: Appendix IX by 8260 - water

| | Dibromofluoromethane | 1,2-Dichloroethane-d4 | Toluene-d8 | 4-Bromofluorobenzene |
|---------|----------------------|-----------------------|------------|----------------------|
| 5649163 | 98 | 98 | 89 | 83 |
| 5649164 | 97 | 97 | 89 | 84 |
| 5649165 | 97 | 93 | 89 | 83 |
| 5649166 | 98 | 99 | 89 | 85 |
| 5649167 | 99 | 101 | 89 | 83 |
| 5649168 | 99 | 96 | 88 | 82 |
| 5649169 | 99 | 100 | 89 | 84 |
| Blank | 97 | 97 | 90 | 85 |
| LCS | 94 | 96 | 91 | 90 |
| MS | 94 | 96 | 91 | 89 |
| MSD | 93 | 96 | 90 | 90 |

*- Outside of specification

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

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

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



Project Name: BP Sanborn LLI Group #: 1140978

General Comments:

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

See the Laboratory Chronicle section of the Analysis Report for the method references.

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

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

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

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

Analysis Specific Comments:

00310: 8260B water special scan

Batch #: Y091112AA (Sample number(s): 5649163-5649169 UNSPK: P650490)

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

06886: Appendix IX by 8260 - water

<u>Sample #s: 5649163, 5649164, 5649165, 5649166, 5649167, 5649168, 5649169</u>

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

07105: Volatile Headspace Hydrocarbon

Batch #: 091120000A (Sample number(s): 5649167-5649169 UNSPK: P647584)

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

07547: Dissolved Organic Carbon

Batch #: 09111049501B (Sample number(s): 5649167-5649169 UNSPK: 5649167 BKG: 5649167)

The duplicate RPD for the above analyte exceeded the acceptance window.

04001: Chemical Oxygen Demand

Batch #: 09110400102A (Sample number(s): 5649167-5649169 UNSPK: P647710 BKG: P647710)

The duplicate RPD for the above analyte exceeded the acceptance window.

Acc+#12495 Grp#1140978 Sample#5649163-70

Atlantic Laboratory Management Program LaMP Chain of Custody Record

Richfield

| Same | عا هاد | 56491 | 63-70 |
|------|--------|---------|-------|
| | | Cuetody | |

| Page | / | of |
|------|---|----|
| | | |

| (| Company | | oject Name: | BP | , Sai | nborn | 1 | | | | | | | - | | | | | /dd/y | _ | | | | | Rush TAT | : Yes | No |
|---|---|---------------------|-------------|---------------------|--|-------------|--------|----------------------|-------------|--------------------------------|--|-------|----------|-----|--------------|--------------------|-------|-------|-----------|----------------|-----------------|-------------|-------|---------|--|------------------|------------|
| | A BP affiliated company | BP/ARC Facility No: | | | | | | | | | | | | | Lab | Worl | (Ord | er Ni | ımbe | r: | | | | | | | - |
| Lab N | Name: Lancaster Labs | | | BP/ARC Facility Add | | | | idress | 3: | 2040 | Cory | Dr. | | | | | | | Const | iltant/0 | Contra | ictor: | | Parso | ons | | |
| Lab A | Address: 2425 New Holland Pike, Lancaster, PA 17601 | | | | | te, ZIF | P Coc | đe: | | Sant | orn, 1 | ¥Y 14 | 132 | | | | | | Consu | iltant/(| Contra | ctor P | rojec | t No: | | | 445032 |
| Lab P | PM: Jessica Oknefski | | | Lea | d Re | gulato | ory Ag | gency | : | NYS | DEC | | | | | | | | Addre | 8S: - | 40 Laf | Riviere | Dr. S | Suite : | 350, Buffalo,NY 14 | 202 | |
| Lab P | Phone: (717)858-2300 ext. 1815 | | | Cali | ifornia | a Glob | oal ID | No.: | | | | | | | | | | | Consu | itant/(| Contra | ictor P | M: | Geor | ge Hermance | | |
| Lab Shipping Acent: | | | | Enfo | os Pr | oposa | i No: | | | 0001 | W-00 | 14 | | | | | | | Phone |): (| (716) | 407-49 | 990 | | | | |
| Lab B | Bottle Order No: | | 74256 | Acc | ounti | ing Mo | ode: | | Pro | vision | 10 | oc | C-BU | | 000 | C-RM | | | Email | EDD | To: I | Lorrain | ne W | eber | | | |
| Other | r Info: | | | Stag | ge: | | | 50 | A | ctivity: | | | | | | | | 21 | Invoic | e To: | | BP/A | ARC | X | Contracto | r | |
| BP/AF | RC EBM: William Barber | | | | Ma | atrix | | No | o. Co | ntain | ers / | Pres | ervat | ive | | | F | gequ | ested | Anai | yses | | | | Report Ty | pe & QC L | evel |
| EBM F | Phone: (216) 271-8038 | | | | | | | s | | | | | | | | | | | | 03 | ين د | | | : | Sta | andard | |
| EBM E | Email: Barberwb@BP.com | | | | | | | Biner | | | | | | | | -175 | | | | | 300 | | | | Fuli Data Pa | ckage | |
| Lab No. | | Date | Time | Soil / Solid | Water / Liquid | Air / Vapor | | Total Number of Conf | Unpreserved | H ₂ SO ₄ | HNO3 | Ę | Methanoi | | 8260 | 8015 B /RSKS.D-175 | | | LCD 410.4 | Iron/Mangereg | C(504, NO, 1102 | | | | Cor Note: If sample not of Sample" in commen and initial any prepri | nts and single-s | strike out |
| | B-6 | 4/14/09 | 1400 | | K | | | 3 | X | | | | | | 3 | , | | , j | | | | | | | | | |
| | B-9 | | 1440 | | X | | | 3 | Χ | | | | | | 3 | | | | | | | | | | | | |
| | P-2 | | 1310 | | X | | | 3 | X | | | | | | 3 | | | | | | | | | | | | |
| | PW-4 | | 1300 | | X | | | 3 | X | | | | | | 3 | | | | | | | | | | | | |
| | B-40 | | 1130 | | K | | | 2 | × | X | × | X | | | 3 | Z | 1 | 1 | ١ | 1 I | 2 | | | | | | |
| | B-39 | | 1235 | | X | | | 11 | X | X | X | × | | | 3 | 2 | (| - | | 1 | 2 | | | | | | |
| | B-41 | | 0940 | | X | | | 2 | \times | X | X | X | | | 3 | 2 | ì | l | 1 | | 2 | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Sampl | er's Name: Richard C. Becker | n | | | | R | elino | quisi | hed I | By / A | ffilia | tion | | | Da | te | Tin | ne | | | Acce | pted | By / | Affil | iation | Date | Time |
| Sampl | ler's Company: O&M Enterprises, | Inc. | | * | للك | | 2 | B | .ke | + | | | | | 4/14/69 1800 | | | | | | | | | | | | |
| Shipm | nent Method: Fed Ex | Ship Date: 4 | الحاص | | | ` | _ | _ | | | | | | | | | | | | | | I | | | | | |
| Shipm | nent Tracking No: 86887362 | 5679 | | | | | | | | | | _ | · | | | | | | | | ple | hy | | V | | yww | 0900 |
| Speci | ial Instructions: | | | | | | | | | | | | | | | | | | | $\overline{7}$ | | | |) | | | |
| THIS LINE - LAB USE ONLY: Custody Seals in Place: Yes7 No | | | | | Temp Blank: 1861 No Cooler Temp on Receipt: 4 1 ** REC | | | | | | Trip Blank: ₩ No MS/MSD Sample Submitted: Yes → No | | | | | | | | | | | | | | | | |



Environmental Sample Administration Receipt Documentation Log

| Client/Project: Passons | | <u> </u> | Shipping Container Sealed: (ES NO | | | | | | | |
|--|--------------------------|---------------------|--|--|--------------------------------|-------------------------------------|-------------------|--|--|--|
| Date of | Pate of Receipt: 4/17/09 | | loq | Custody | sent * : | YES NO | | | | |
| Time o | f Receipt: | <u> </u> | ٥ | | | , | • | | | |
| Source | Code: | 50- | - [| * Custody d | seal was inta iscrepancy se | ict unless other ection | wise noted in the | | | |
| Unpacl | ker Emp. No.: | 145 | LÍ | Package | e: | Chi | Hed 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 (I or NA | B) Comments | | | |
| 1 | ٥١٦ . | 41.0 | 7B | WI | 3 | В | | | | |
| 2 | | | • | | | | | | | |
| 3 | | | | | | · | | | | |
| 4 | | | | | | - / | | | | |
| 5 | | | | | | | | | | |
| 6 | | | | | , | | | | | |
| Number of Trip Blanks received <u>NOT</u> listed on chain of custody: <u>2 (not labeled)</u> Paperwork Discrèpancy/Unpacking Problems: Rec. B-41 Doc broken | | | | | | | | | | |
| | | | | . <u> </u> | · · · · | | | | | |
| <u>A</u> - | | | mple Administratio | | of Custody | | | | | |
| | \\Name | | Date | Time | | Reason for Transfer | | | | |
| | un hu | 7.7 | 4/17/09 | | | | storage | | | |
| UK- | note 18 | syn_ | 4-17-69 | 1250 | Entry | in Storage | or EMry | | | |
| | | | | | Entry | | · | | | |

Lancaster Laboratories Explanation of Symbols and Abbreviations

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

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

- < less than The number following the sign is the <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 of gas per liter of gas.

Inorganic Qualifiers

- ppb parts per billion
- **Dry weight**Results printed under this heading have been adjusted for moisture content. This increases the analyte weight concentration to approximate the value present in a similar sample without moisture.

U.S. EPA data qualifiers:

| • | lifier | (uu | 9 | u | , ı ç | • |
|---|--------|-----|---|-------|-------|---|

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

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

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

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ANALYTICAL RESULTS

Prepared for:

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

281-366-2000

Prepared by:

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

April 26, 2009

SAMPLE GROUP

The sample group for this submittal is 1140754. Samples arrived at the laboratory on Thursday, April 16, 2009. The PO# for this group is 0001W-0014 and the release number is BARBER.

| Client Description | <u>Lancaster Labs Number</u> |
|--------------------|------------------------------|
| B-17 Water | 5647720 |
| B-43 Water | 5647721 |
| PW-1 Water | 5647722 |
| P-3 Water | 5647723 |
| Field Dup#2 Water | 5647724 |
| B-42 Water | 5647725 |
| B-44 Water | 5647726 |

METHODOLOGY

The specific methodologies used in obtaining the enclosed analytical results are indicated on the Laboratory Chronicle.

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

1 COPY TO Data Package Group



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

Respectfully Submitted,

Martha L. Seidel Martha L. Seidel Senior Chemist



As Received

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Page 1 of 3

Lancaster Laboratories Sample No. WW 5647720 Group No. 1140754

B-17 Water

BP Sanborn COC:

2040 Cory Dr - Sanborn, NY B-17

Collected: 04/15/2009 09:45 by RCB Account Number: 12495

Submitted: 04/16/2009 09:15 Atlantic Richfield(Parsons-NY)

Reported: 04/26/2009 at 23:44 BP Corporation

Discard: 05/27/2009 501 WestLake Park Blvd

Houston TX 77079

SAB17

| CAT No. | Analysis Name | | CAS Number | As Recei Result | ved. | Method Detection Limit* | Limit of Quantitation | Dilution Factor |
|----------------|--|------------|--------------------|--------------------|--------|----------------------------|--------------------------|--------------------|
| SW-846 | 5 8260B GG | C/MS Vol | atiles | ug/l | | ug/l | ug/l | |
| 00310 | Benzyl Chloride | | 100-44-7 | N.D. | | 10 | 50 | 10 |
| 00310 | Bromobenzene | | 108-86-1 | N.D. | | 10 | 50 | 10 |
| 06886 | Bromodichloromethane | | 75-27-4 | N.D. | | 10 | 50 | 10 |
| 06886 | Bromoform | | 75-25-2 | N.D. | | 10 | 50 | 10 |
| 06886 | Bromomethane | | 74-83-9 | N.D. | | 10 | 50 | 10 |
| 06886 | Carbon Tetrachloride | | 56-23-5 | N.D. | | 10 | 50 | 10 |
| 06886 | Chlorobenzene | | 108-90-7 | N.D. | | 8.0 | 50 | 10 |
| 06886 | Chloroethane | | 75-00-3 | N.D. | | 10 | 50 | 10 |
| 00310 | 2-Chloroethyl Vinyl Et | her | 110-75-8 | N.D. | | 20 | 100 | 10 |
| | 2-Chloroethyl vinyl et preserve this sample. | her may no | | | as us | | | |
| 06886 | Chloroform | | 67-66-3 | N.D. | | 8.0 | 50 | 10 |
| 06886 | Chloromethane | | 74-87-3 | N.D. | | 10 | 50 | 10 |
| 06886 | Dibromochloromethane | | 124-48-1 | N.D. | | 10 | 50 | 10 |
| 06886 | Dibromomethane | | 74-95-3 | N.D. | | 10 | 50 | 10 |
| 00310 | 1,2-Dichlorobenzene | | 95-50-1 | N.D. | | 10 | 50 | 10 |
| 00310 | 1,3-Dichlorobenzene | | 541-73-1 | N.D. | | 10 | 50 | 10 |
| 00310 | 1,4-Dichlorobenzene | | 106-46-7 | N.D. | | 10 | 50 | 10 |
| 06886 | Dichlorodifluoromethan | e | 75-71-8 | N.D. | | 20 | 50 | 10 |
| 06886 | 1,1-Dichloroethane | | 75-34-3 | 210 | | 10 | 50 | 10 |
| 06886 | 1,2-Dichloroethane | | 107-06-2 | N.D. | _ | 10 | 50 | 10 |
| 06886 | 1,1-Dichloroethene | | 75-35-4 | | J | 8.0 | 50 | 10 |
| 06886 | cis-1,2-Dichloroethene | | 156-59-2 | 6,600 | _ | 80 | 500 | 100 |
| 06886 | trans-1,2-Dichloroethe | ne | 156-60-5 | 35 | J | 8.0 | 50 | 10 |
| 06886 | 1,2-Dichloropropane | | 78-87-5 | N.D. | | 10 | 50 | 10 |
| 06886 | cis-1,3-Dichloroproper | | 10061-01-5 | N.D. | | 10 | 50 | 10 |
| 06886 | trans-1,3-Dichloroprop | ene | 10061-02-6 | N.D. | | 10 | 50 | 10 |
| 06886 | Methylene Chloride | | 75-09-2 | N.D. | | 20 | 50 | 10 |
| 06886 | 1,1,1,2-Tetrachloroeth | | 630-20-6 | N.D. | | 10 | 50 | 10 |
| 06886 | 1,1,2,2-Tetrachloroeth | ane | 79-34-5 | N.D. | - | 10 | 50 | 10 |
| 06886 | Tetrachloroethene | | 127-18-4 | 9.4 | J | 8.0 | 50 | 10 |
| 06886 | 1,1,1-Trichloroethane | | 71-55-6 | 75 | | 8.0 | 50 | 10 |
| | 1,1,2-Trichloroethane | | 79-00-5 | N.D. | | 8.0 | 50 | 10 |
| 06886 | Trichloroethene | | 79-01-6 | 3,900 | | 100 | 500 | 100 |
| 06886 | Trichlorofluoromethane | | 75-69-4 | N.D. | | 20 | 50 | 10 |
| 06886 06886 | 1,2,3-Trichloropropane Vinyl Chloride | ! | 96-18-4 75-01-4 | N.D. 750 | | 10 10 | 50 50 | 10 10 |
| | pH of the GC/MS volatil | e fraction | | | of ana | | 50 | 10 |
| | · · · · · · · · · · · · · · · · · | Miscel | laneous | ug/l | | ug/l | ug/l | |
| modif: | ied | | | | | | | |
| 07105 | Ethane | | 74-84-0 | 13 | | 1.0 | 5.0 | 1 |
| 07105 | Ethene | | 74-85-1 | 38 | | 1.0 | 5.0 | 1 |
| 07105 | Methane | | 74-82-8 | 540 | | 10 | 30 | 2 |
| SW-84 | 6 6010B Me | etals | | mg/l | | mg/l | mg/l | |
| 01754 | Iron | | 7439-89-6 | 0.330 | | 0.0522 | 0.200 | 1 |

As Received

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



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Page 2 of 3

Lancaster Laboratories Sample No. WW 5647720 Group No. 1140754

NY

B-17 Water

BP Sanborn COC:

2040 Cory Dr - Sanborn, NY B-17

Collected: 04/15/2009 09:45 by RCB Account Number: 12495

Submitted: 04/16/2009 09:15 Atlantic Richfield(Parsons-NY)

Reported: 04/26/2009 at 23:44 BP Corporation

Discard: 05/27/2009 501 WestLake Park Blvd

Houston TX 77079

SAB17

| CAT No. | Analysis Name | | CA | S Number | As Rece Result | | As Received Method Detection Limit* | As Received Limit of Quantitation | Dilution Factor |
|------------|---------------------|-------|-----------|----------|-------------------|---|---|---|--------------------|
| SW-846 | 6010B | Meta | ıls | | mg/l | | mg/l | mg/l | |
| 07058 | Manganese | | 743 | 39-96-5 | 0.0739 | | 0.00084 | 0.0050 | 1 |
| EPA 30 | 0.0 | Wet | Chemistry | 7 | mg/l | | mg/l | mg/l | |
| 00224 | Chloride | | 168 | 887-00-6 | 305 | | 20.0 | 40.0 | 100 |
| 00368 | Nitrate Nitrogen | | 14' | 797-55-8 | N.D. | | 0.25 | 0.50 | 5 |
| 01506 | Nitrite Nitrogen | | 14' | 797-65-0 | N.D. | | 0.40 | 0.50 | 5 |
| 00228 | Sulfate | | 148 | 808-79-8 | 189 | | 6.0 | 20.0 | 20 |
| EPA 41 | L5.1 modified | Wet | Chemistry | Y | mg/l | | mg/l | mg/l | |
| 07547 | Dissolved Organic O | arbon | n.a | a. | 2.7 | | 0.50 | 1.0 | 1 |
| EPA 41 | LO.4 | Wet | Chemistry | 7 | mg/l | | mg/l | mg/l | |
| 04001 | Chemical Oxygen Dem | nand | n.a | a. | 24.4 | J | 12.8 | 50.0 | 1 |
| SM20 5 | 5210 B | Wet | Chemistry | 7 | mg/l | | mg/l | mg/l | |
| 00235 | Biochemical Oxygen | Deman | l n.a | a. | N.D. | | 2.7 | 2.7 | 1 |

General Sample Comments

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

| Laboratory | Chronicle |
|------------|-----------|
|------------|-----------|

| CAT No. | Analysis Name | Method | Trial# | Batch# | Analysis Date and Ti | me | Analyst | Dilution Factor |
|------------|-------------------------------|------------------|--------|--------------|-------------------------|-------|------------------|--------------------|
| 06886 | Appendix IX by 8260 - water | SW-846 8260B | 1 | Y091091AA | 04/20/2009 | 02:33 | Holly Berry | 10 |
| 06886 | Appendix IX by 8260 - water | SW-846 8260B | 1 | Y091091AA | 04/20/2009 | 02:54 | Holly Berry | 100 |
| 00310 | 8260B water special scan | SW-846 8260B | 1 | Y091091AA | 04/20/2009 | 02:33 | Holly Berry | 10 |
| 01163 | GC/MS VOA Water Prep | SW-846 5030B | 1 | Y091091AA | 04/20/2009 | 02:33 | Holly Berry | 10 |
| 01163 | GC/MS VOA Water Prep | SW-846 5030B | 2 | Y091091AA | 04/20/2009 | 02:54 | Holly Berry | 100 |
| 07105 | Volatile Headspace | RSKSOP-175 | 1 | 091100006A | 04/22/2009 | 14:31 | Dustin A | 1 |
| | Hydrocarbon | 08/11/94 modifie | d | | | | Underkoffler | |
| 07105 | Volatile Headspace | RSKSOP-175 | 1 | 091100006A | 04/23/2009 | 08:42 | Dustin A | 2 |
| | Hydrocarbon | 08/11/94 modifie | d | | | | Underkoffler | |
| 01754 | Iron | SW-846 6010B | 1 | 091101848005 | 04/22/2009 | 02:18 | John W Yanzuk II | 1 |
| 07058 | Manganese | SW-846 6010B | 1 | 091101848005 | 04/22/2009 | 02:18 | John W Yanzuk II | 1 |
| 01848 | WW SW846 ICP Digest (tot rec) | SW-846 3005A | 1 | 091101848005 | 04/21/2009 | 09:20 | Denise K Conners | 1 |
| 00224 | Chloride | EPA 300.0 | 1 | 09106196602A | 04/22/2009 | 07:20 | Ashley M Heckman | 100 |
| 00368 | Nitrate Nitrogen | EPA 300.0 | 1 | 09106196602A | 04/17/2009 | 09:17 | Nicole M Kepley | 5 |
| 01506 | Nitrite Nitrogen | EPA 300.0 | 1 | 09106196602A | 04/16/2009 | 22:46 | Ashley M Heckman | 5 |
| 00228 | Sulfate | EPA 300.0 | 1 | 09106196602A | 04/22/2009 | 07:05 | Ashley M Heckman | 20 |



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Page 3 of 3

Lancaster Laboratories Sample No. WW 5647720 Group No. 1140754

NY

B-17 Water
BP Sanborn COC:

2040 Cory Dr - Sanborn, NY B-17

Collected: 04/15/2009 09:45 by RCB Account Number: 12495

Submitted: 04/16/2009 09:15 Atlantic Richfield(Parsons-NY)

Reported: 04/26/2009 at 23:44 BP Corporation

Discard: 05/27/2009 501 WestLake Park Blvd

Houston TX 77079

SAB17

Laboratory Chronicle

| CAT No. | Analysis Name | Method | Trial# | Batch# | Analysis Date and Time | Analyst | Dilution Factor |
|------------|---|--------------------------|--------|------------------------------|--------------------------------------|---------------------------------|--------------------|
| 07547 | Dissolved Organic Carbon | EPA 415.1 modifie | ed 1 | 09111049501A | 04/21/2009 05:25 | James S Mathiot | 1 |
| | Chemical Oxygen Demand Biochemical Oxygen Demand | EPA 410.4 SM20 5210 B | _ | 09110400102A 09107023501A | 04/20/2009 08:35 04/17/2009 06:58 | Susan A Engle Hannah M Royer | 1 1 |



As Received

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Page 1 of 3

Lancaster Laboratories Sample No. WW 5647721 Group No. 1140754

NY

As Received

B-43 Water

BP Sanborn COC:

2040 Cory Dr - Sanborn, NY B-43

Collected: 04/15/2009 15:00 by RCB Account Number: 12495

Submitted: 04/16/2009 09:15 Atlantic Richfield(Parsons-NY)

Reported: 04/26/2009 at 23:44 BP Corporation

Discard: 05/27/2009 501 WestLake Park Blvd

Houston TX 77079

SAB43

| CAT No. | Analysis Name | CAS Number | As Received Result | Method Detection Limit* | Limit of Quantitation | Dilution Factor |
|------------|---|-------------|-----------------------|----------------------------|--------------------------|--------------------|
| SW-84 | 6 8260B GC/MS | Volatiles | ug/l | ug/l | ug/l | |
| 00310 | Benzyl Chloride | 100-44-7 | N.D. | 1.0 | 5.0 | 1 |
| 00310 | Bromobenzene | 108-86-1 | N.D. | 1.0 | 5.0 | 1 |
| 06886 | Bromodichloromethane | 75-27-4 | N.D. | 1.0 | 5.0 | 1 |
| 06886 | Bromoform | 75-25-2 | N.D. | 1.0 | 5.0 | 1 |
| 06886 | Bromomethane | 74-83-9 | N.D. | 1.0 | 5.0 | 1 |
| 06886 | Carbon Tetrachloride | 56-23-5 | N.D. | 1.0 | 5.0 | 1 |
| 06886 | Chlorobenzene | 108-90-7 | N.D. | 0.80 | 5.0 | 1 |
| 06886 | Chloroethane | 75-00-3 | N.D. | 1.0 | 5.0 | 1 |
| 00310 | 2-Chloroethyl Vinyl Ether | 110-75-8 | N.D. | 2.0 | 10 | 1 |
| | 2-Chloroethyl vinyl ether m preserve this sample. | _ | | | | |
| 06886 | Chloroform | 67-66-3 | N.D. | 0.80 | 5.0 | 1 |
| 06886 | Chloromethane | 74-87-3 | N.D. | 1.0 | 5.0 | 1 |
| 06886 | Dibromochloromethane | 124-48-1 | N.D. | 1.0 | 5.0 | 1 |
| 06886 | Dibromomethane | 74-95-3 | N.D. | 1.0 | 5.0 | 1 |
| 00310 | 1,2-Dichlorobenzene | 95-50-1 | N.D. | 1.0 | 5.0 | 1 |
| 00310 | 1,3-Dichlorobenzene | 541-73-1 | N.D. | 1.0 | 5.0 | 1 |
| 00310 | 1,4-Dichlorobenzene | 106-46-7 | N.D. | 1.0 | 5.0 | 1 |
| 06886 | Dichlorodifluoromethane | 75-71-8 | N.D. | 2.0 | 5.0 | 1 |
| 06886 | 1,1-Dichloroethane | 75-34-3 | N.D. | 1.0 | 5.0 | 1 |
| 06886 | 1,2-Dichloroethane | 107-06-2 | N.D. | 1.0 | 5.0 | 1 |
| 06886 | 1,1-Dichloroethene | 75-35-4 | N.D. | 0.80 | 5.0 | 1 |
| 06886 | cis-1,2-Dichloroethene | 156-59-2 | 7.2 | 0.80 | 5.0 | 1 |
| 06886 | trans-1,2-Dichloroethene | 156-60-5 | N.D. | 0.80 | 5.0 | 1 |
| 06886 | 1,2-Dichloropropane | 78-87-5 | N.D. | 1.0 | 5.0 | 1 |
| 06886 | cis-1,3-Dichloropropene | 10061-01-5 | N.D. | 1.0 | 5.0 | 1 |
| 06886 | trans-1,3-Dichloropropene | 10061-02-6 | N.D. | 1.0 | 5.0 | 1 |
| 06886 | Methylene Chloride | 75-09-2 | N.D. | 2.0 | 5.0 | 1 |
| 06886 | 1,1,1,2-Tetrachloroethane | 630-20-6 | N.D. | 1.0 | 5.0 | 1 |
| 06886 | 1,1,2,2-Tetrachloroethane | 79-34-5 | N.D. | 1.0 | 5.0 | 1 |
| 06886 | Tetrachloroethene | 127-18-4 | N.D. | 0.80 | 5.0 | 1 |
| 06886 | 1,1,1-Trichloroethane | 71-55-6 | N.D. | 0.80 | 5.0 | 1 |
| 06886 | 1,1,2-Trichloroethane | 79-00-5 | N.D. | 0.80 | 5.0 | 1 |
| 06886 | Trichloroethene | 79-01-6 | N.D. | 1.0 | 5.0 | 1 |
| 06886 | Trichlorofluoromethane | 75-69-4 | N.D. | 2.0 | 5.0 | 1 |
| 06886 | 1,2,3-Trichloropropane | 96-18-4 | N.D. | 1.0 | 5.0 | 1 |
| | Vinyl Chloride | 75-01-4 | 2.2 J | 1.0 | 5.0 | 1 |
| | pH of the GC/MS volatile fra | _ | | _ | /3 | |
| modif: | · · · · · · · · · · · · · · · · · | scellaneous | ug/l | ug/l | ug/l | |
| | | 74 04 0 | N. D. | 1.0 | F 0 | 1 |
| 07105 | Ethane | 74-84-0 | N.D. | 1.0 | 5.0 | 1 |
| 07105 | Ethene | 74-85-1 | N.D. | 1.0 | 5.0 | 1 |
| 07105 | Methane | 74-82-8 | 9.0 J | 5.0 | 15 | 1 |
| SW-84 | 6 6010B Metals | 5 | mg/l | mg/l | mg/l | |
| 01754 | Iron | 7439-89-6 | 0.0553 J | 0.0522 | 0.200 | 1 |
| | | | | | | |

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



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Page 2 of 3

Lancaster Laboratories Sample No. WW 5647721 Group No. 1140754

NY

B-43 Water

BP Sanborn COC:

2040 Cory Dr - Sanborn, NY B-43

Collected: 04/15/2009 15:00 by RCB Account Number: 12495

Submitted: 04/16/2009 09:15 Atlantic Richfield(Parsons-NY)

Reported: 04/26/2009 at 23:44 BP Corporation

Discard: 05/27/2009 501 WestLake Park Blvd

Houston TX 77079

SAB43

| CAT No. | Analysis Name | | CAS Number | As Received Result | As Received Method Detection Limit* | As Received Limit of Quantitation | Dilution Factor |
|------------|---------------------|--------|------------|-----------------------|---|---|--------------------|
| SW-846 | 6010B | Meta] | ls | mg/l | mg/l | mg/l | |
| 07058 | Manganese | | 7439-96-5 | 0.0275 | 0.00084 | 0.0050 | 1 |
| EPA 30 | 00.0 | Wet 0 | Chemistry | mg/l | mg/l | mg/l | |
| 00224 | Chloride | | 16887-00-6 | 59.1 | 4.0 | 8.0 | 20 |
| 00368 | Nitrate Nitrogen | | 14797-55-8 | N.D. | 0.25 | 0.50 | 5 |
| 01506 | Nitrite Nitrogen | | 14797-65-0 | N.D. | 0.40 | 0.50 | 5 |
| 00228 | Sulfate | | 14808-79-8 | 998 | 60.0 | 200 | 200 |
| EPA 41 | L5.1 modified | Wet 0 | Chemistry | mg/l | mg/l | mg/l | |
| 07547 | Dissolved Organic (| Carbon | n.a. | 1.5 | 0.50 | 1.0 | 1 |
| EPA 41 | LO.4 | Wet (| Chemistry | mg/l | mg/l | mg/l | |
| 04001 | Chemical Oxygen Dem | nand | n.a. | N.D. | 12.8 | 50.0 | 1 |
| SM20 5 | 5210 B | Wet (| Chemistry | mg/l | mg/l | mg/l | |
| 00235 | Biochemical Oxygen | Demand | n.a. | N.D. | 2.8 | 2.8 | 1 |

General Sample Comments

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

Laboratory Chronicle

| CAT No. | Analysis Name | Method | Trial# | Batch# | Analysis Date and Ti | me | Analyst | Dilution Factor |
|------------|-------------------------------|-------------------|--------|--------------|-------------------------|-------|------------------|--------------------|
| 06886 | Appendix IX by 8260 - water | SW-846 8260B | 1 | Y091091AA | 04/19/2009 | 23:47 | Holly Berry | 1 |
| 00310 | - | SW-846 8260B | 1 | Y091091AA | 04/19/2009 | 23:47 | Holly Berry | 1 |
| 01163 | GC/MS VOA Water Prep | SW-846 5030B | 1 | Y091091AA | 04/19/2009 | 23:47 | Holly Berry | 1 |
| 07105 | Volatile Headspace | RSKSOP-175 | 1 | 091100006A | 04/22/2009 | 14:46 | Dustin A | 1 |
| | Hydrocarbon | 08/11/94 modified | | | | | Underkoffler | |
| 01754 | Iron | SW-846 6010B | 1 | 091101848005 | 04/22/2009 | 02:23 | John W Yanzuk II | 1 |
| 07058 | Manganese | SW-846 6010B | 1 | 091101848005 | 04/22/2009 | 02:23 | John W Yanzuk II | 1 |
| 01848 | WW SW846 ICP Digest (tot rec) | SW-846 3005A | 1 | 091101848005 | 04/21/2009 | 09:20 | Denise K Conners | 1 |
| 00224 | Chloride | EPA 300.0 | 1 | 09106196602A | 04/22/2009 | 07:36 | Ashley M Heckman | 20 |
| 00368 | Nitrate Nitrogen | EPA 300.0 | 1 | 09106196602A | 04/17/2009 | 09:33 | Nicole M Kepley | 5 |
| 01506 | Nitrite Nitrogen | EPA 300.0 | 1 | 09106196602A | 04/16/2009 | 23:02 | Ashley M Heckman | 5 |
| 00228 | Sulfate | EPA 300.0 | 1 | 09106196602A | 04/22/2009 | 07:51 | Ashley M Heckman | 200 |
| 07547 | Dissolved Organic Carbon | EPA 415.1 modifie | d 1 | 09111049501A | 04/21/2009 | 05:32 | James S Mathiot | 1 |
| 04001 | Chemical Oxygen Demand | EPA 410.4 | 1 | 09110400102A | 04/20/2009 | 08:35 | Susan A Engle | 1 |
| 00235 | Biochemical Oxygen Demand | SM20 5210 B | 1 | 09107023501A | 04/17/2009 | 06:58 | Hannah M Royer | 1 |



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Page 3 of 3



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Page 1 of 2

Lancaster Laboratories Sample No. WW 5647722 Group No. 1140754

PW-1 Water

BP Sanborn COC:

2040 Cory Dr - Sanborn, NY PW-1

Collected: 04/15/2009 10:30 by RCB Account Number: 12495

Submitted: 04/16/2009 09:15 Atlantic Richfield(Parsons-NY)

Reported: 04/26/2009 at 23:44 BP Corporation

501 WestLake Park Blvd Discard: 05/27/2009

Houston TX 77079

SAPW1

| CAT No. | Analysis Name | | CAS Number | As Rec Result | | As Received Method Detection Limit* | As Received Limit of Quantitation | Dilution Factor |
|------------|--|--------------|-------------------|------------------|-----------|---|---|--------------------|
| SW-84 | 5 8260B | GC/MS Vol | atiles | ug/l | | ug/l | ug/l | |
| 00310 | Benzyl Chloride | | 100-44-7 | N.D. | | 2.0 | 10 | 2 |
| 00310 | Bromobenzene | | 108-86-1 | N.D. | | 2.0 | 10 | 2 |
| 06886 | Bromodichloromethane | | 75-27-4 | N.D. | | 2.0 | 10 | 2 |
| 06886 | Bromoform | | 75-25-2 | N.D. | | 2.0 | 10 | 2 |
| 06886 | Bromomethane | | 74-83-9 | N.D. | | 2.0 | 10 | 2 |
| 06886 | Carbon Tetrachloride | | 56-23-5 | N.D. | | 2.0 | 10 | 2 |
| 06886 | Chlorobenzene | | 108-90-7 | N.D. | | 1.6 | 10 | 2 |
| 06886 | Chloroethane | | 75-00-3 | N.D. | | 2.0 | 10 | 2 |
| 00310 | 2-Chloroethyl Vinyl | Ether | 110-75-8 | N.D. | | 4.0 | 20 | 2 |
| | 2-Chloroethyl vinyl preserve this sample | | ot be recovered | l if acid | l was use | ed to | | |
| 06886 | Chloroform | | 67-66-3 | N.D. | | 1.6 | 10 | 2 |
| 06886 | Chloromethane | | 74-87-3 | N.D. | | 2.0 | 10 | 2 |
| 06886 | Dibromochloromethane | | 124-48-1 | N.D. | | 2.0 | 10 | 2 |
| 06886 | Dibromomethane | | 74-95-3 | N.D. | | 2.0 | 10 | 2 |
| 00310 | 1,2-Dichlorobenzene | | 95-50-1 | N.D. | | 2.0 | 10 | 2 |
| 00310 | 1,3-Dichlorobenzene | | 541-73-1 | N.D. | | 2.0 | 10 | 2 |
| 00310 | 1,4-Dichlorobenzene | | 106-46-7 | N.D. | | 2.0 | 10 | 2 |
| 06886 | Dichlorodifluorometh | ane | 75-71-8 | N.D. | | 4.0 | 10 | 2 |
| 06886 | 1,1-Dichloroethane | | 75-34-3 | 11 | | 2.0 | 10 | 2 |
| 06886 | 1,2-Dichloroethane | | 107-06-2 | N.D. | | 2.0 | 10 | 2 |
| 06886 | 1,1-Dichloroethene | | 75-35-4 | 2.8 | J | 1.6 | 10 | 2 |
| 06886 | cis-1,2-Dichloroethe | ne | 156-59-2 | 400 | | 1.6 | 10 | 2 |
| 06886 | trans-1,2-Dichloroet | hene | 156-60-5 | 3.6 | J | 1.6 | 10 | 2 |
| 06886 | 1,2-Dichloropropane | | 78-87-5 | N.D. | | 2.0 | 10 | 2 |
| 06886 | cis-1,3-Dichloroprop | | 10061-01-5 | N.D. | | 2.0 | 10 | 2 |
| 06886 | trans-1,3-Dichloropr | opene | 10061-02-6 | N.D. | | 2.0 | 10 | 2 |
| 06886 | Methylene Chloride | | 75-09-2 | N.D. | | 4.0 | 10 | 2 |
| 06886 | 1,1,1,2-Tetrachloroe | | 630-20-6 | N.D. | | 2.0 | 10 | 2 |
| 06886 | 1,1,2,2-Tetrachloroe | thane | 79-34-5 | N.D. | | 2.0 | 10 | 2 |
| 06886 | Tetrachloroethene | | 127-18-4 | N.D. | | 1.6 | 10 | 2 |
| 06886 | 1,1,1-Trichloroethan | | 71-55-6 | 11 | | 1.6 | 10 | 2 |
| 06886 | 1,1,2-Trichloroethan | e | 79-00-5 | N.D. | | 1.6 | 10 | 2 |
| 06886 | Trichloroethene | | 79-01-6 | 1,300 | | 20 | 100 | 20 |
| 06886 | Trichlorofluorometha | | 75-69-4 | N.D. | | 4.0 | 10 | 2 |
| 06886 | 1,2,3-Trichloropropa | ne | 96-18-4 | N.D. | | 2.0 | 10 | 2 |
| 06886 | Vinyl Chloride | | 75-01-4 | 19 | | 2.0 | 10 | 2 |
| The : | pH of the GC/MS volat | ile fraction | n was $pH = 7$ at | the tim | e of ana | lysis. | | |

General Sample Comments

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



Holly Berry

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Page 2 of 2

20

Lancaster Laboratories Sample No. WW 5647722 Group No. 1140754

2 Y091091AA

PW-1 Water BP Sanborn COC:

2040 Cory Dr - Sanborn, NY PW-1

Collected: 04/15/2009 10:30 by RCB Account Number: 12495

Submitted: 04/16/2009 09:15 Atlantic Richfield (Parsons-NY)

Reported: 04/26/2009 at 23:44 BP Corporation

Method

SW-846 5030B

501 WestLake Park Blvd Discard: 05/27/2009 Houston TX 77079

SAPW1

CAT

No.

Analysis Name

00310 8260B water special scan

01163 GC/MS VOA Water Prep

01163 GC/MS VOA Water Prep

Laboratory Chronicle Trial# Batch# Analyst Dilution Date and Time Factor 04/20/2009 01:10 Holly Berry 06886 Appendix IX by 8260 - water SW-846 8260B 1 Y091091AA 06886 Appendix IX by 8260 - water SW-846 8260B 1 Y091091AA 04/20/2009 01:31 Holly Berry 20 SW-846 8260B 1 Y091091AA 04/20/2009 01:10 Holly Berry 2 SW-846 5030B 1 Y091091AA 04/20/2009 01:10 Holly Berry

04/20/2009 01:31



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Page 1 of 2

Lancaster Laboratories Sample No. WW 5647723 Group No. 1140754

P-3 Water

BP Sanborn COC:

2040 Cory Dr - Sanborn, NY P-3

Collected: 04/15/2009 13:25 by RCB Account Number: 12495

Submitted: 04/16/2009 09:15 Atlantic Richfield(Parsons-NY)

Reported: 04/26/2009 at 23:44 BP Corporation

501 WestLake Park Blvd Discard: 05/27/2009

Houston TX 77079

SANP3

| CAT No. | Analysis Name | | CAS Number | As Received Result | As Received Method Detection Limit* | As Received Limit of Quantitation | Dilution Factor |
|------------|--|--------------|-----------------|-----------------------|---|---|--------------------|
| SW-84 | 5 8260B | GC/MS Vol | atiles | ug/l | ug/l | ug/l | |
| 00310 | Benzyl Chloride | | 100-44-7 | N.D. | 1.0 | 5.0 | 1 |
| 00310 | Bromobenzene | | 108-86-1 | N.D. | 1.0 | 5.0 | 1 |
| 06886 | Bromodichloromethane | : | 75-27-4 | N.D. | 1.0 | 5.0 | 1 |
| 06886 | Bromoform | | 75-25-2 | N.D. | 1.0 | 5.0 | 1 |
| 06886 | Bromomethane | | 74-83-9 | N.D. | 1.0 | 5.0 | 1 |
| 06886 | Carbon Tetrachloride | : | 56-23-5 | N.D. | 1.0 | 5.0 | 1 |
| 06886 | Chlorobenzene | | 108-90-7 | N.D. | 0.80 | 5.0 | 1 |
| 06886 | Chloroethane | | 75-00-3 | N.D. | 1.0 | 5.0 | 1 |
| 00310 | 2-Chloroethyl Vinyl | Ether | 110-75-8 | N.D. | 2.0 | 10 | 1 |
| | 2-Chloroethyl vinyl preserve this sample | | ot be recovered | if acid was us | ed to | | |
| 06886 | Chloroform | | 67-66-3 | N.D. | 0.80 | 5.0 | 1 |
| 06886 | Chloromethane | | 74-87-3 | N.D. | 1.0 | 5.0 | 1 |
| 06886 | Dibromochloromethane | : | 124-48-1 | N.D. | 1.0 | 5.0 | 1 |
| 06886 | Dibromomethane | | 74-95-3 | N.D. | 1.0 | 5.0 | 1 |
| 00310 | 1,2-Dichlorobenzene | | 95-50-1 | N.D. | 1.0 | 5.0 | 1 |
| 00310 | 1,3-Dichlorobenzene | | 541-73-1 | N.D. | 1.0 | 5.0 | 1 |
| 00310 | 1,4-Dichlorobenzene | | 106-46-7 | N.D. | 1.0 | 5.0 | 1 |
| 06886 | Dichlorodifluorometh | iane | 75-71-8 | N.D. | 2.0 | 5.0 | 1 |
| 06886 | 1,1-Dichloroethane | | 75-34-3 | N.D. | 1.0 | 5.0 | 1 |
| 06886 | 1,2-Dichloroethane | | 107-06-2 | N.D. | 1.0 | 5.0 | 1 |
| 06886 | 1,1-Dichloroethene | | 75-35-4 | N.D. | 0.80 | 5.0 | 1 |
| 06886 | cis-1,2-Dichloroethe | ene | 156-59-2 | 46 | 0.80 | 5.0 | 1 |
| 06886 | trans-1,2-Dichloroet | hene | 156-60-5 | 1.6 J | 0.80 | 5.0 | 1 |
| 06886 | 1,2-Dichloropropane | | 78-87-5 | N.D. | 1.0 | 5.0 | 1 |
| 06886 | cis-1,3-Dichloroprop | | 10061-01-5 | N.D. | 1.0 | 5.0 | 1 |
| 06886 | trans-1,3-Dichloropr | opene | 10061-02-6 | N.D. | 1.0 | 5.0 | 1 |
| 06886 | Methylene Chloride | | 75-09-2 | N.D. | 2.0 | 5.0 | 1 |
| 06886 | 1,1,1,2-Tetrachloroe | | 630-20-6 | N.D. | 1.0 | 5.0 | 1 |
| 06886 | 1,1,2,2-Tetrachloroe | thane | 79-34-5 | N.D. | 1.0 | 5.0 | 1 |
| 06886 | Tetrachloroethene | | 127-18-4 | N.D. | 0.80 | 5.0 | 1 |
| 06886 | 1,1,1-Trichloroethar | | 71-55-6 | N.D. | 0.80 | 5.0 | 1 |
| 06886 | 1,1,2-Trichloroethar | ıe | 79-00-5 | N.D. | 0.80 | 5.0 | 1 |
| 06886 | Trichloroethene | | 79-01-6 | N.D. | 1.0 | 5.0 | 1 |
| 06886 | Trichlorofluorometha | | 75-69-4 | N.D. | 2.0 | 5.0 | 1 |
| 06886 | 1,2,3-Trichloropropa | ine | 96-18-4 | N.D. | 1.0 | 5.0 | 1 |
| 06886 | Vinyl Chloride | | 75-01-4 | 1.7 J | 1.0 | 5.0 | 1 |
| The : | pH of the GC/MS volat | ile fraction | was $pH = 7$ at | the time of an | alysis. | | |

General Sample Comments

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



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Page 2 of 2

Lancaster Laboratories Sample No. WW 5647723 Group No. 1140754

NY

P-3 Water

BP Sanborn COC:

2040 Cory Dr - Sanborn, NY P-3

Collected: 04/15/2009 13:25 by RCB Account Number: 12495

Submitted: 04/16/2009 09:15 Atlantic Richfield(Parsons-NY)

Reported: 04/26/2009 at 23:44 BP Corporation

Discard: 05/27/2009 501 WestLake Park Blvd

Houston TX 77079

SANP3

| Laboratory Chronicle | | | | | | | | |
|----------------------|-----------------------------|--------------|--------|-----------|---------------------------|-------------|--------------------|--|
| CAT No. | Analysis Name | Method | Trial# | Batch# | Analysis Date and Time | Analyst | Dilution Factor | |
| 06886 | Appendix IX by 8260 - water | SW-846 8260B | 1 | Y091091AA | 04/20/2009 00:08 | Holly Berry | 1 | |
| 00310 | 8260B water special scan | SW-846 8260B | 1 | Y091091AA | 04/20/2009 00:08 | Holly Berry | 1 | |
| 01163 | GC/MS VOA Water Prep | SW-846 5030B | 1 | Y091091AA | 04/20/2009 00:08 | Holly Berry | 1 | |



As Received

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Page 1 of 2

Lancaster Laboratories Sample No. WW 5647724

Group No. 1140754

NY

Field Dup#2 Water BP Sanborn COC:

2040 Cory Dr - Sanborn, NY Dup#2

Collected: 04/15/2009 by RCB Account Number: 12495

Submitted: 04/16/2009 09:15 Atlantic Richfield(Parsons-NY)

Reported: 04/26/2009 at 23:44 BP Corporation

Discard: 05/27/2009 501 WestLake Park Blvd

Houston TX 77079

As Received

SADU2

| CAT No. | Analysis Name | | CAS Number | As Rec Result | | Method Detection Limit* | As Received Limit of Quantitation | Dilution Factor |
|------------|--|--------------|---------------|------------------|----------|-------------------------|---|--------------------|
| SW-84 | 6 8260B | GC/MS Vola | tiles | ug/l | | ug/l | ug/l | |
| 00310 | Benzyl Chloride | | 100-44-7 | N.D. | | 2.0 | 10 | 2 |
| 00310 | Bromobenzene | | 108-86-1 | N.D. | | 2.0 | 10 | 2 |
| 06886 | Bromodichloromethane | | 75-27-4 | N.D. | | 2.0 | 10 | 2 |
| 06886 | Bromoform | | 75-25-2 | N.D. | | 2.0 | 10 | 2 |
| 06886 | Bromomethane | | 74-83-9 | N.D. | | 2.0 | 10 | 2 |
| 06886 | Carbon Tetrachloride | | 56-23-5 | N.D. | | 2.0 | 10 | 2 |
| 06886 | Chlorobenzene | | 108-90-7 | N.D. | | 1.6 | 10 | 2 |
| 06886 | Chloroethane | | 75-00-3 | N.D. | | 2.0 | 10 | 2 |
| 00310 | 2-Chloroethyl Vinyl | Ether | 110-75-8 | N.D. | | 4.0 | 20 | 2 |
| | 2-Chloroethyl vinyl preserve this sample | | | | l was us | | | |
| 06886 | Chloroform | | 67-66-3 | N.D. | | 1.6 | 10 | 2 |
| 06886 | Chloromethane | | 74-87-3 | N.D. | | 2.0 | 10 | 2 |
| 06886 | Dibromochloromethane | | 124-48-1 | N.D. | | 2.0 | 10 | 2 |
| 06886 | Dibromomethane | | 74-95-3 | N.D. | | 2.0 | 10 | 2 |
| 00310 | 1,2-Dichlorobenzene | | 95-50-1 | N.D. | | 2.0 | 10 | 2 |
| 00310 | 1,3-Dichlorobenzene | | 541-73-1 | N.D. | | 2.0 | 10 | 2 |
| 00310 | 1,4-Dichlorobenzene | | 106-46-7 | N.D. | | 2.0 | 10 | 2 |
| 06886 | Dichlorodifluorometh | ane | 75-71-8 | N.D. | | 4.0 | 10 | 2 |
| 06886 | 1,1-Dichloroethane | | 75-34-3 | 12 | | 2.0 | 10 | 2 |
| 06886 | 1,2-Dichloroethane | | 107-06-2 | N.D. | _ | 2.0 | 10 | 2 |
| 06886 | 1,1-Dichloroethene | | 75-35-4 | 2.9 | J | 1.6 | 10 | 2 |
| 06886 | cis-1,2-Dichloroethe | | 156-59-2 | 420 | | 1.6 | 10 | 2 |
| 06886 | trans-1,2-Dichloroet | hene | 156-60-5 | 3.6 | J | 1.6 | 10 | 2 |
| 06886 | 1,2-Dichloropropane | | 78-87-5 | N.D. | | 2.0 | 10 | 2 |
| 06886 | cis-1,3-Dichloroprop | | 10061-01-5 | N.D. | | 2.0 | 10 | 2 |
| 06886 | trans-1,3-Dichloropr | opene | 10061-02-6 | N.D. | | 2.0 | 10 | 2 |
| 06886 | Methylene Chloride | | 75-09-2 | N.D. | | 4.0 | 10 | 2 |
| 06886 | 1,1,1,2-Tetrachloroe | | 630-20-6 | N.D. | | 2.0 | 10 | 2 |
| 06886 | 1,1,2,2-Tetrachloroe | thane | 79-34-5 | N.D. | | 2.0 | 10 | 2 |
| 06886 | Tetrachloroethene | | 127-18-4 | N.D. | | 1.6 | 10 | 2 |
| 06886 | 1,1,1-Trichloroethan | | 71-55-6 | 11 | | 1.6 | 10 | 2 |
| 06886 | 1,1,2-Trichloroethan | е | 79-00-5 | N.D. | | 1.6 | 10 | 2 |
| 06886 | Trichloroethene | | 79-01-6 | 1,300 | | 20 | 100 | 20 |
| 06886 | Trichlorofluorometha | | 75-69-4 | N.D. | | 4.0 | 10 | 2 |
| 06886 | 1,2,3-Trichloropropa | ne | 96-18-4 | N.D. | | 2.0 | 10 | 2 |
| 06886 | Vinyl Chloride | | 75-01-4 | 20 | | 2.0 | 10 | 2 |
| The | pH of the GC/MS volat: | ile fraction | was pH = 7 at | the tim | e of ana | alysis. | | |

General Sample Comments

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



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Page 2 of 2

Lancaster Laboratories Sample No. WW 5647724

Group No. 1140754

NY

Field Dup#2 Water BP Sanborn COC:

2040 Cory Dr - Sanborn, NY Dup#2

Collected: 04/15/2009 by RCB Account Number: 12495

Submitted: 04/16/2009 09:15

Reported: 04/26/2009 at 23:44 BP Corporation

Discard: 05/27/2009

501 WestLake Park Blvd

Atlantic Richfield(Parsons-NY)

Houston TX 77079

SADU2

| | | | Labora | tory Chroni | cle | | |
|----------------|--|------------------------------|--------|------------------------|--------------------------------------|----------------------------|--------------------|
| CAT No. | Analysis Name | Method | Trial# | Batch# | Analysis Date and Time | Analyst | Dilution Factor |
| 06886 | Appendix IX by 8260 - water | SW-846 8260B | 1 | Y091091AA | 04/20/2009 01:52 | Holly Berry | 2 |
| 06886 | Appendix IX by 8260 - water | SW-846 8260B | 1 | Y091091AA | 04/20/2009 02:13 | Holly Berry | 20 |
| 00310 | 8260B water special scan | SW-846 8260B | 1 | Y091091AA | 04/20/2009 01:52 | Holly Berry | 2 |
| 01163 01163 | GC/MS VOA Water Prep GC/MS VOA Water Prep | SW-846 5030B SW-846 5030B | 1 2 | Y091091AA Y091091AA | 04/20/2009 01:52 04/20/2009 02:13 | Holly Berry Holly Berry | 2 20 |



As Received

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Page 1 of 3

Lancaster Laboratories Sample No. WW 5647725

Group No. 1140754

As Received

NY

B-42 Water

BP Sanborn COC:

2040 Cory Dr - Sanborn, NY B-42

Collected: 04/15/2009 13:15 by RCB Account Number: 12495

Submitted: 04/16/2009 09:15 Atlantic Richfield(Parsons-NY)

Reported: 04/26/2009 at 23:44 BP Corporation

Discard: 05/27/2009 501 WestLake Park Blvd Houston TX 77079

SAB42

| CAT No. | Analysis Name | CAS Number | As Received Result | Method Detection Limit* | Limit of Quantitation | Dilution Factor |
|------------|--|-------------|-----------------------|----------------------------|--------------------------|--------------------|
| SW-84 | 6 8260B GC/MS | Volatiles | ug/l | ug/l | ug/l | |
| 00310 | Benzyl Chloride | 100-44-7 | N.D. | 1.0 | 5.0 | 1 |
| 00310 | Bromobenzene | 108-86-1 | N.D. | 1.0 | 5.0 | 1 |
| 06886 | Bromodichloromethane | 75-27-4 | N.D. | 1.0 | 5.0 | 1 |
| 06886 | Bromoform | 75-25-2 | N.D. | 1.0 | 5.0 | 1 |
| 06886 | Bromomethane | 74-83-9 | N.D. | 1.0 | 5.0 | 1 |
| 06886 | Carbon Tetrachloride | 56-23-5 | N.D. | 1.0 | 5.0 | 1 |
| 06886 | Chlorobenzene | 108-90-7 | N.D. | 0.80 | 5.0 | 1 |
| 06886 | Chloroethane | 75-00-3 | N.D. | 1.0 | 5.0 | 1 |
| 00310 | 2-Chloroethyl Vinyl Ether | 110-75-8 | N.D. | 2.0 | 10 | 1 |
| | 2-Chloroethyl vinyl ether m preserve this sample. | _ | | | | |
| 06886 | Chloroform | 67-66-3 | N.D. | 0.80 | 5.0 | 1 |
| 06886 | Chloromethane | 74-87-3 | N.D. | 1.0 | 5.0 | 1 |
| 06886 | Dibromochloromethane | 124-48-1 | N.D. | 1.0 | 5.0 | 1 |
| 06886 | Dibromomethane | 74-95-3 | N.D. | 1.0 | 5.0 | 1 |
| 00310 | 1,2-Dichlorobenzene | 95-50-1 | N.D. | 1.0 | 5.0 | 1 |
| 00310 | 1,3-Dichlorobenzene | 541-73-1 | N.D. | 1.0 | 5.0 | 1 |
| 00310 | 1,4-Dichlorobenzene | 106-46-7 | N.D. | 1.0 | 5.0 | 1 |
| 06886 | Dichlorodifluoromethane | 75-71-8 | N.D. | 2.0 | 5.0 | 1 |
| 06886 | 1,1-Dichloroethane | 75-34-3 | N.D. | 1.0 | 5.0 | 1 |
| 06886 | 1,2-Dichloroethane | 107-06-2 | N.D. | 1.0 | 5.0 | 1 |
| 06886 | 1,1-Dichloroethene | 75-35-4 | N.D. | 0.80 | 5.0 | 1 |
| 06886 | cis-1,2-Dichloroethene | 156-59-2 | 11 | 0.80 | 5.0 | 1 |
| 06886 | trans-1,2-Dichloroethene | 156-60-5 | 1.3 J | 0.80 | 5.0 | 1 |
| 06886 | 1,2-Dichloropropane | 78-87-5 | N.D. | 1.0 | 5.0 | 1 |
| 06886 | cis-1,3-Dichloropropene | 10061-01-5 | N.D. | 1.0 | 5.0 | 1 |
| 06886 | trans-1,3-Dichloropropene | 10061-02-6 | N.D. | 1.0 | 5.0 | 1 |
| 06886 | Methylene Chloride | 75-09-2 | N.D. | 2.0 | 5.0 | 1 |
| 06886 | 1,1,1,2-Tetrachloroethane | 630-20-6 | N.D. | 1.0 | 5.0 | 1 |
| 06886 | 1,1,2,2-Tetrachloroethane | 79-34-5 | N.D. | 1.0 | 5.0 | 1 |
| 06886 | Tetrachloroethene | 127-18-4 | N.D. | 0.80 | 5.0 | 1 |
| 06886 | 1,1,1-Trichloroethane | 71-55-6 | N.D. | 0.80 | 5.0 | 1 |
| 06886 | 1,1,2-Trichloroethane | 79-00-5 | N.D. | 0.80 | 5.0 | 1 |
| 06886 | Trichloroethene | 79-01-6 | 3.7 J | 1.0 | 5.0 | 1 |
| 06886 | Trichlorofluoromethane | 75-69-4 | N.D. | 2.0 | 5.0 | 1 |
| 06886 | 1,2,3-Trichloropropane | 96-18-4 | N.D. | 1.0 | 5.0 | 1 |
| | Vinyl Chloride | 75-01-4 | N.D. | 1.0 | 5.0 | 1 |
| | pH of the GC/MS volatile fra | | | _ | /2 | |
| modif: | | scellaneous | ug/l | ug/l | ug/l | |
| | | 74 84 6 | N D | 1 0 | F 0 | 1 |
| 07105 | Ethane | 74-84-0 | N.D. | 1.0 | 5.0 | 1 |
| 07105 | Ethene | 74-85-1 | N.D. | 1.0 | 5.0 | 1 |
| 07105 | Methane | 74-82-8 | N.D. | 5.0 | 15 | 1 |
| SW-84 | 6 6010B Metal: | S | mg/l | mg/l | mg/l | |
| 01754 | Iron | 7439-89-6 | N.D. | 0.0522 | 0.200 | 1 |
| | | | | | | |

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



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Page 2 of 3

Lancaster Laboratories Sample No. WW 5647725

Group No. 1140754

NY

B-42 Water

BP Sanborn COC:

2040 Cory Dr - Sanborn, NY B-42

Collected: 04/15/2009 13:15 by RCB Account Number: 12495

Submitted: 04/16/2009 09:15 Atlantic Richfield(Parsons-NY)

Reported: 04/26/2009 at 23:44 BP Corporation

Discard: 05/27/2009 501 WestLake Park Blvd

Houston TX 77079

SAB42

| CAT No. | Analysis Name | | CAS Number | As Received Result | As Received Method Detection Limit* | As Received Limit of Quantitation | Dilution Factor |
|------------|---------------------|--------|------------|-----------------------|---|---|--------------------|
| SW-846 | 6010B | Metal | ls | mg/l | mg/l | mg/l | |
| 07058 | Manganese | | 7439-96-5 | 0.0098 | 0.00084 | 0.0050 | 1 |
| EPA 30 | 00.0 | Wet (| Chemistry | mg/l | mg/l | mg/l | |
| 00224 | Chloride | | 16887-00-6 | 104 | 10.0 | 20.0 | 50 |
| 00368 | Nitrate Nitrogen | | 14797-55-8 | 0.88 | 0.25 | 0.50 | 5 |
| 01506 | Nitrite Nitrogen | | 14797-65-0 | N.D. | 0.40 | 0.50 | 5 |
| 00228 | Sulfate | | 14808-79-8 | 107 | 3.0 | 10.0 | 10 |
| EPA 41 | L5.1 modified | Wet (| Chemistry | mg/l | mg/l | mg/l | |
| 07547 | Dissolved Organic (| Carbon | n.a. | 1.8 | 0.50 | 1.0 | 1 |
| EPA 41 | LO.4 | Wet (| Chemistry | mg/l | mg/l | mg/l | |
| 04001 | Chemical Oxygen Dem | nand | n.a. | N.D. | 12.8 | 50.0 | 1 |
| SM20 5 | 5210 B | Wet (| Chemistry | mg/l | mg/l | mg/l | |
| 00235 | Biochemical Oxygen | Demand | n.a. | N.D. | 2.3 | 2.3 | 1 |

General Sample Comments

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

Laboratory Chronicle

| CAT No. | Analysis Name | Method | Trial# | Batch# | Analysis Date and Ti | me | Analyst | Dilution Factor |
|------------|-------------------------------|-------------------|--------|--------------|-------------------------|-------|------------------|--------------------|
| 06886 | Appendix IX by 8260 - water | SW-846 8260B | 1 | Y091091AA | 04/20/2009 | 00:28 | Holly Berry | 1 |
| 00310 | 8260B water special scan | SW-846 8260B | 1 | Y091091AA | 04/20/2009 | 00:28 | Holly Berry | 1 |
| 01163 | GC/MS VOA Water Prep | SW-846 5030B | 1 | Y091091AA | 04/20/2009 | 00:28 | Holly Berry | 1 |
| 07105 | Volatile Headspace | RSKSOP-175 | 1 | 091100006A | 04/22/2009 | 15:01 | Dustin A | 1 |
| | Hydrocarbon | 08/11/94 modified | 1 | | | | Underkoffler | |
| 01754 | Iron | SW-846 6010B | 1 | 091101848005 | 04/22/2009 | 02:27 | John W Yanzuk II | 1 |
| 07058 | Manganese | SW-846 6010B | 1 | 091101848005 | 04/22/2009 | 02:27 | John W Yanzuk II | 1 |
| 01848 | WW SW846 ICP Digest (tot rec) | SW-846 3005A | 1 | 091101848005 | 04/21/2009 | 09:20 | Denise K Conners | 1 |
| 00224 | Chloride | EPA 300.0 | 1 | 09106196602A | 04/22/2009 | 08:07 | Ashley M Heckman | 50 |
| 00368 | Nitrate Nitrogen | EPA 300.0 | 1 | 09106196602A | 04/17/2009 | 09:48 | Nicole M Kepley | 5 |
| 01506 | Nitrite Nitrogen | EPA 300.0 | 1 | 09106196602A | 04/16/2009 | 23:17 | Ashley M Heckman | 5 |
| 00228 | Sulfate | EPA 300.0 | 1 | 09106196602A | 04/23/2009 | 15:38 | Ashley M Heckman | 10 |
| 07547 | Dissolved Organic Carbon | EPA 415.1 modifie | ed 1 | 09111049501A | 04/21/2009 | 05:39 | James S Mathiot | 1 |
| 04001 | Chemical Oxygen Demand | EPA 410.4 | 1 | 09110400102A | 04/20/2009 | 08:35 | Susan A Engle | 1 |
| 00235 | Biochemical Oxygen Demand | SM20 5210 B | 1 | 09107023501A | 04/17/2009 | 06:58 | Hannah M Royer | 1 |



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Page 3 of 3



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Page 1 of 3

Lancaster Laboratories Sample No. WW 5647726

Group No. 1140754

As Received

NY

B-44 Water

BP Sanborn COC:

2040 Cory Dr - Sanborn, NY B-44

Collected: 04/15/2009 11:30 by RCB Account Number: 12495

Submitted: 04/16/2009 09:15 Atlantic Richfield(Parsons-NY)

Reported: 04/26/2009 at 23:44 BP Corporation

Discard: 05/27/2009 501 WestLake Park Blvd

Houston TX 77079

SAB44

| CAT No. | Analysis Name | | CAS Number | As Received Result | Method Detection Limit* | Limit of Quantitation | Dilution Factor |
|------------|--|----------|----------------|-----------------------|----------------------------|--------------------------|--------------------|
| SW-846 | 6 8260B GC/1 | MS Vola | atiles | ug/l | ug/l | ug/l | |
| 00310 | Benzyl Chloride | | 100-44-7 | N.D. | 1.0 | 5.0 | 1 |
| 00310 | Bromobenzene | | 108-86-1 | N.D. | 1.0 | 5.0 | 1 |
| 06886 | Bromodichloromethane | | 75-27-4 | N.D. | 1.0 | 5.0 | 1 |
| 06886 | Bromoform | | 75-25-2 | N.D. | 1.0 | 5.0 | 1 |
| 06886 | Bromomethane | | 74-83-9 | N.D. | 1.0 | 5.0 | 1 |
| 06886 | Carbon Tetrachloride | | 56-23-5 | N.D. | 1.0 | 5.0 | 1 |
| 06886 | Chlorobenzene | | 108-90-7 | N.D. | 0.80 | 5.0 | 1 |
| 06886 | Chloroethane | | 75-00-3 | N.D. | 1.0 | 5.0 | 1 |
| 00310 | 2-Chloroethyl Vinyl Ethe | r | 110-75-8 | N.D. | 2.0 | 10 | 1 |
| | 2-Chloroethyl vinyl ethe preserve this sample. | r may no | t be recovered | d if acid was us | ed to | | |
| 06886 | Chloroform | | 67-66-3 | N.D. | 0.80 | 5.0 | 1 |
| 06886 | Chloromethane | | 74-87-3 | N.D. | 1.0 | 5.0 | 1 |
| 06886 | Dibromochloromethane | | 124-48-1 | N.D. | 1.0 | 5.0 | 1 |
| 06886 | Dibromomethane | | 74-95-3 | N.D. | 1.0 | 5.0 | 1 |
| 00310 | 1,2-Dichlorobenzene | | 95-50-1 | N.D. | 1.0 | 5.0 | 1 |
| 00310 | 1,3-Dichlorobenzene | | 541-73-1 | N.D. | 1.0 | 5.0 | 1 |
| 00310 | 1,4-Dichlorobenzene | | 106-46-7 | N.D. | 1.0 | 5.0 | 1 |
| 06886 | Dichlorodifluoromethane | | 75-71-8 | N.D. | 2.0 | 5.0 | 1 |
| 06886 | 1,1-Dichloroethane | | 75-34-3 | 7.0 | 1.0 | 5.0 | 1 |
| 06886 | 1,2-Dichloroethane | | 107-06-2 | N.D. | 1.0 | 5.0 | 1 |
| 06886 | 1,1-Dichloroethene | | 75-35-4 | N.D. | 0.80 | 5.0 | 1 |
| 06886 | cis-1,2-Dichloroethene | | 156-59-2 | 5.8 | 0.80 | 5.0 | 1 |
| 06886 | trans-1,2-Dichloroethene | | 156-60-5 | N.D. | 0.80 | 5.0 | 1 |
| 06886 | 1,2-Dichloropropane | | 78-87-5 | N.D. | 1.0 | 5.0 | 1 |
| 06886 | cis-1,3-Dichloropropene | | 10061-01-5 | N.D. | 1.0 | 5.0 | 1 |
| 06886 | trans-1,3-Dichloropropen | е | 10061-02-6 | N.D. | 1.0 | 5.0 | 1 |
| 06886 | Methylene Chloride | | 75-09-2 | N.D. | 2.0 | 5.0 | 1 |
| 06886 | 1,1,1,2-Tetrachloroethan | | 630-20-6 | N.D. | 1.0 | 5.0 | 1 |
| 06886 | 1,1,2,2-Tetrachloroethan | e | 79-34-5 | N.D. | 1.0 | 5.0 | 1 |
| 06886 | Tetrachloroethene | | 127-18-4 | N.D. | 0.80 | 5.0 | 1 |
| 06886 | 1,1,1-Trichloroethane | | 71-55-6 | N.D. | 0.80 | 5.0 | 1 |
| 06886 | 1,1,2-Trichloroethane | | 79-00-5 | N.D. | 0.80 | 5.0 | 1 |
| 06886 | Trichloroethene | | 79-01-6 | 4.4 J | 1.0 | 5.0 | 1 |
| 06886 | Trichlorofluoromethane | | 75-69-4 | N.D. | 2.0 | 5.0 | 1 |
| 06886 | 1,2,3-Trichloropropane | | 96-18-4 | N.D. | 1.0 | 5.0 | 1 |
| 06886 | - | | 75-01-4 | 5.0 J | 1.0 | 5.0 | 1 |
| | pH of the GC/MS volatile : | | _ | | _ | | |
| RSKSO | P-175 08/11/94 GC I | Miscell | laneous | ug/l | ug/l | ug/l | |
| modif: | ied | | | | | | |
| 07105 | Ethane | | 74-84-0 | 19 | 1.0 | 5.0 | 1 |
| 07105 | Ethene | | 74-85-1 | 11 | 1.0 | 5.0 | 1 |
| 07105 | Methane | | 74-82-8 | 26 | 5.0 | 15 | 1 |
| SW-84 | 6 6010B Meta | ale | | mg/l | mg/l | mg/l | |
| 01754 | Iron | A + 13 | 7439-89-6 | 0.171 J | 0.0522 | 0.200 | 1 |
| 01/54 | 11011 | | 1437-07-0 | 0.1/1 0 | 0.0322 | 0.200 | Τ. |

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



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Page 2 of 3

Lancaster Laboratories Sample No. WW 5647726

Group No. 1140754

NY

B-44 Water

BP Sanborn COC:

2040 Cory Dr - Sanborn, NY B-44

Collected: 04/15/2009 11:30 by RCB Account Number: 12495

Submitted: 04/16/2009 09:15 Atlantic Richfield(Parsons-NY)

Reported: 04/26/2009 at 23:44 BP Corporation

Discard: 05/27/2009 501 WestLake Park Blvd

Houston TX 77079

SAB44

| CAT No. | Analysis Name | | | CAS Number | As Rec Result | | As Received Method Detection Limit* | As Received Limit of Quantitation | Dilution Factor |
|------------|---------------------|-------|--------|------------|------------------|---|---|---|--------------------|
| SW-846 | 6010B | Meta | als | | mg/l | | mg/l | mg/l | |
| 07058 | Manganese | | | 7439-96-5 | 0.0091 | | 0.00084 | 0.0050 | 1 |
| EPA 30 | 00.0 | Wet | Chemis | try | mg/l | | mg/l | mg/l | |
| 00224 | Chloride | | | 16887-00-6 | 51.4 | | 4.0 | 8.0 | 20 |
| 00368 | Nitrate Nitrogen | | | 14797-55-8 | N.D. | | 0.25 | 0.50 | 5 |
| 01506 | Nitrite Nitrogen | | | 14797-65-0 | N.D. | | 0.40 | 0.50 | 5 |
| 00228 | Sulfate | | | 14808-79-8 | 1,680 | | 150 | 500 | 500 |
| EPA 41 | L5.1 modified | Wet | Chemis | try | mg/l | | mg/l | mg/l | |
| 07547 | Dissolved Organic O | arbon | | n.a. | 1.0 | | 0.50 | 1.0 | 1 |
| EPA 41 | LO.4 | Wet | Chemis | try | mg/l | | mg/l | mg/l | |
| 04001 | Chemical Oxygen Dem | nand | | n.a. | 26.7 | J | 12.8 | 50.0 | 1 |
| SM20 5 | 5210 B | Wet | Chemis | try | mg/l | | mg/l | mg/l | |
| 00235 | Biochemical Oxygen | Deman | i | n.a. | 8.2 | | 0.80 | 3.0 | 1 |

General Sample Comments

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

Laboratory Chronicle

| CAT No. | Analysis Name Method Tr | | rial# | Batch# | Analysis Date and Ti | Analysis Analyst Date and Time | | |
|------------|-------------------------------|-------------------|-------|--------------|-------------------------|--------------------------------|------------------|-----|
| 06886 | Appendix IX by 8260 - water | SW-846 8260B | 1 | Y091091AA | 04/20/2009 | 00:49 | Holly Berry | 1 |
| 00310 | 8260B water special scan | SW-846 8260B | 1 | Y091091AA | 04/20/2009 | 00:49 | Holly Berry | 1 |
| 01163 | GC/MS VOA Water Prep | SW-846 5030B | 1 | Y091091AA | 04/20/2009 | 00:49 | Holly Berry | 1 |
| 07105 | Volatile Headspace | RSKSOP-175 | 1 | 091100006A | 04/22/2009 | 15:16 | Dustin A | 1 |
| | Hydrocarbon | 08/11/94 modified | | | | | Underkoffler | |
| 01754 | Iron | SW-846 6010B | 1 | 091101848005 | 04/22/2009 | 02:31 | John W Yanzuk II | 1 |
| 07058 | Manganese | SW-846 6010B | 1 | 091101848005 | 04/22/2009 | 02:31 | John W Yanzuk II | 1 |
| 01848 | WW SW846 ICP Digest (tot rec) | SW-846 3005A | 1 | 091101848005 | 04/21/2009 | 09:20 | Denise K Conners | 1 |
| 00224 | Chloride | EPA 300.0 | 1 | 09106196602A | 04/22/2009 | 08:22 | Ashley M Heckman | 20 |
| 00368 | Nitrate Nitrogen | EPA 300.0 | 1 | 09106196602A | 04/17/2009 | 10:04 | Nicole M Kepley | 5 |
| 01506 | Nitrite Nitrogen | EPA 300.0 | 1 | 09106196602A | 04/16/2009 | 23:33 | Ashley M Heckman | 5 |
| 00228 | Sulfate | EPA 300.0 | 1 | 09106196602A | 04/22/2009 | 09:09 | Ashley M Heckman | 500 |
| 07547 | Dissolved Organic Carbon | EPA 415.1 modifie | d 1 | 09111049501A | 04/21/2009 | 05:46 | James S Mathiot | 1 |
| 04001 | Chemical Oxygen Demand | EPA 410.4 | 1 | 09110400102A | 04/20/2009 | 08:35 | Susan A Engle | 1 |
| 00235 | Biochemical Oxygen Demand | SM20 5210 B | 1 | 09107023501A | 04/17/2009 | 06:58 | Hannah M Royer | 1 |



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Page 3 of 3



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Page 1 of 4

Quality Control Summary

Client Name: Atlantic Richfield (Parsons-NY) Group Number: 1140754

Reported: 04/26/09 at 11:44 PM

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

Laboratory Compliance Quality Control

| Analysis Name | Blank <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: Y091091AA | Sample numi | ber(s) · 56 | 47720-564 | 7726 | | | | | |
| Benzyl Chloride | N.D. | 1.0 | 5.0 | uq/1 | 89 | | 65-118 | | |
| Bromobenzene | N.D. | 1.0 | 5.0 | uq/1 | 98 | | 83-109 | | |
| Bromodichloromethane | N.D. | 1.0 | 5.0 | ug/1 | 103 | | 79-118 | | |
| Bromoform | N.D. | 1.0 | 5.0 | uq/l | 104 | | 67-112 | | |
| Bromomethane | N.D. | 1.0 | 5.0 | ug/1 | 101 | | 45-126 | | |
| Carbon Tetrachloride | N.D. | 1.0 | 5.0 | uq/l | 109 | | 75-123 | | |
| Chlorobenzene | N.D. | 0.80 | 5.0 | uq/l | 103 | | 82-111 | | |
| Chloroethane | N.D. | 1.0 | 5.0 | uq/l | 99 | | 55-119 | | |
| 2-Chloroethyl Vinyl Ether | N.D. | 2.0 | 10 | uq/l | 92 | | 39-151 | | |
| Chloroform | N.D. | 0.80 | 5.0 | ug/l | 102 | | 77-122 | | |
| Chloromethane | N.D. | 1.0 | 5.0 | ug/l | 96 | | 65-134 | | |
| Dibromochloromethane | N.D. | 1.0 | 5.0 | ug/1 | 102 | | 78-113 | | |
| Dibromomethane | N.D. | 1.0 | 5.0 | uq/l | 100 | | 84-115 | | |
| 1,2-Dichlorobenzene | N.D. | 1.0 | 5.0 | ug/l | 98 | | 85-107 | | |
| 1,3-Dichlorobenzene | N.D. | 1.0 | 5.0 | ug/1 | 101 | | 82-110 | | |
| 1,4-Dichlorobenzene | N.D. | 1.0 | 5.0 | ug/1 | 100 | | 85-107 | | |
| Dichlorodifluoromethane | N.D. | 2.0 | 5.0 | ug/l | 106 | | 55-152 | | |
| 1,1-Dichloroethane | N.D. | 1.0 | 5.0 | ug/1 ug/1 | 100 | | 79-120 | | |
| 1,2-Dichloroethane | N.D. | 1.0 | 5.0 | ug/1 ug/1 | 100 | | 70-120 | | |
| 1,1-Dichloroethene | N.D. | 0.80 | 5.0 | ug/l | 107 | | 77-119 | | |
| cis-1,2-Dichloroethene | N.D. | 0.80 | 5.0 | ug/l | 103 | | 85-115 | | |
| trans-1,2-Dichloroethene | N.D. | 0.80 | 5.0 | ug/1 ug/1 | 103 | | 83-116 | | |
| 1,2-Dichloropropane | N.D. | 1.0 | 5.0 | ug/1 ug/1 | 97 | | 79-114 | | |
| cis-1,3-Dichloropropene | N.D. | 1.0 | 5.0 | ug/1 ug/1 | 100 | | 82-113 | | |
| trans-1,3-Dichloropropene | N.D. | 1.0 | 5.0 | ug/1 ug/1 | 97 | | 77-116 | | |
| Methylene Chloride | N.D. | 2.0 | 5.0 | ug/l | 104 | | 81-116 | | |
| 1,1,1,2-Tetrachloroethane | N.D. | 1.0 | 5.0 | ug/l ug/l | 98 | | 81-113 | | |
| 1,1,2,2-Tetrachloroethane | N.D. | 1.0 | 5.0 | ug/1 ug/1 | 95 | | 71-117 | | |
| Tetrachloroethene | N.D. | 0.80 | 5.0 | ug/1 ug/1 | 106 | | 79-115 | | |
| 1,1,1-Trichloroethane | N.D. | 0.80 | 5.0 | | 106 | | 81-137 | | |
| 1,1,2-Trichloroethane | N.D. | 0.80 | 5.0 | ug/l ug/l | 103 | | 83-113 | | |
| Trichloroethene | N.D. | 1.0 | 5.0 | ug/1 ug/1 | 103 | | 85-114 | | |
| Trichlorofluoromethane | N.D. | 2.0 | 5.0 | | 103 | | 64-129 | | |
| 1,2,3-Trichloropropane | | 1.0 | 5.0 | ug/l ug/l | 98 | | 79-116 | | |
| | N.D. | | | | | | | | |
| Vinyl Chloride | N.D. | 1.0 | 5.0 | ug/l | 82 | | 63-129 | | |
| Batch number: 091100006A | Sample numi | ber(s): 56 | 47720-564 | 7721,5647725 | 5-56477 | 26 | | | |
| Ethane | N.D. | 1.0 | 5.0 | ug/l | 105 | | 80-120 | | |
| Ethene | N.D. | 1.0 | 5.0 | ug/l | 105 | | 80-120 | | |
| Methane | N.D. | 5.0 | 15 | ug/l | 102 | | 80-120 | | |
| Batch number: 091101848005 | Sample numl | ber(s): 56 | 47720-564 | 7721,5647725 | 5-56477 | 26 | | | |
| Iron | N.D. | 0.0522 | 0.200 | mg/l | 101 | | 90-112 | | |
| Manganese | N.D. | 0.00084 | 0.0050 | mg/l | 104 | | 90-110 | | |
| Batch number: 09106196602A | Sample numi | ber(s): 56 | 47720-564 | 7721,5647725 | 5-56477 | 26 | | | |

*- 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: 1140754

Reported: 04/26/09 at 11:44 PM

Laboratory Compliance Quality Control

| Analysis Name Chloride Nitrate Nitrogen Nitrite Nitrogen Sulfate | Blank Result N.D. N.D. N.D. N.D. | Blank MDL** 0.20 0.050 0.080 0.30 | Blank <u>LOO</u> 0.40 0.10 0.10 1.0 | Report Units mg/1 mg/1 mg/1 mg/1 | LCS <u>%REC</u> 96 100 101 | LCSD <u>%REC</u> | LCS/LCSD Limits 90-110 90-110 90-110 89-110 | <u>RPD</u> | RPD Max |
|--|----------------------------------|--|--|---|-----------------------------------|---------------------|--|------------|---------|
| Batch number: 09111049501A Dissolved Organic Carbon | Sample numl | ber(s): 56 0.50 | 547720-564 1.0 | 7721,5647725 mg/l | 5-56477 99 | 26 | 93-112 | | |
| Batch number: 09107023501A Biochemical Oxygen Demand | Sample numl | ber(s): 56 | 547720-564 | 7721,5647725 | 5-56477 97 | 26 97 | 85-115 | 0 | 8 |
| Batch number: 09110400102A Chemical Oxygen Demand | Sample numl | ber(s): 56 | 547720-564 | 7721,5647725 | 5-56477 99 | 26 | 94-110 | | |

| Analysis Name | MS %REC | MSD %REC | MS/MSD Limits | RPD | RPD <u>MAX</u> | BKG Conc | DUP Conc | DUP <u>RPD</u> | Dup RPD Max |
|---------------------------|------------|-------------|------------------|--------|-------------------|-------------|-------------|-------------------|----------------|
| Batch number: Y091091AA | Sample | number(s) | : 5647720 | -56477 | 26 UNSP | K: P647712 | | | |
| Benzyl Chloride | 92 | 93 | 62-120 | 1 | 30 | | | | |
| Bromobenzene | 105 | 104 | 82-115 | 0 | 30 | | | | |
| Bromodichloromethane | 108 | 109 | 78-125 | 1 | 30 | | | | |
| Bromoform | 106 | 106 | 62-113 | 0 | 30 | | | | |
| Bromomethane | 111 | 114 | 48-136 | 3 | 30 | | | | |
| Carbon Tetrachloride | 119 | 119 | 81-138 | 0 | 30 | | | | |
| Chlorobenzene | 108 | 108 | 86-118 | 0 | 30 | | | | |
| Chloroethane | 107 | 109 | 58-134 | 2 | 30 | | | | |
| 2-Chloroethyl Vinyl Ether | 96 | 98 | 10-151 | 2 | 30 | | | | |
| Chloroform | 109 | 109 | 81-134 | 0 | 30 | | | | |
| Chloromethane | 103 | 104 | 67-154 | 1 | 30 | | | | |
| Dibromochloromethane | 106 | 108 | 74-116 | 2 | 30 | | | | |
| Dibromomethane | 105 | 103 | 83-119 | 2 | 30 | | | | |
| 1,2-Dichlorobenzene | 104 | 103 | 83-113 | 1 | 30 | | | | |
| 1,3-Dichlorobenzene | 106 | 105 | 82-115 | 1 | 30 | | | | |
| 1,4-Dichlorobenzene | 106 | 105 | 83-113 | 1 | 30 | | | | |
| Dichlorodifluoromethane | 121 | 124 | 63-187 | 3 | 30 | | | | |
| 1,1-Dichloroethane | 110 | 111 | 84-129 | 1 | 30 | | | | |
| 1,2-Dichloroethane | 104 | 107 | 66-141 | 2 | 30 | | | | |
| 1,1-Dichloroethene | 119 | 122 | 87-134 | 3 | 30 | | | | |
| cis-1,2-Dichloroethene | 95 | 104 | 85-125 | 5 | 30 | | | | |
| trans-1,2-Dichloroethene | 119 | 121 | 87-126 | 2 | 30 | | | | |
| 1,2-Dichloropropane | 104 | 105 | 83-124 | 1 | 30 | | | | |
| cis-1,3-Dichloropropene | 105 | 103 | 77-117 | 2 | 30 | | | | |
| trans-1,3-Dichloropropene | 100 | 100 | 74-119 | 1 | 30 | | | | |
| Methylene Chloride | 107 | 109 | 79-120 | 2 | 30 | | | | |
| 1,1,1,2-Tetrachloroethane | 105 | 105 | 82-119 | 1 | 30 | | | | |
| 1,1,2,2-Tetrachloroethane | 97 | 98 | 73-119 | 2 | 30 | | | | |
| Tetrachloroethene | 119 | 117 | 80-128 | 1 | 30 | | | | |
| 1,1,1-Trichloroethane | 121 | 122 | 85-151 | 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.

Page 2 of 4



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Page 3 of 4

Quality Control Summary

Client Name: Atlantic Richfield (Parsons-NY) Group Number: 1140754

Reported: 04/26/09 at 11:44 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 | MAX | Conc | Conc | RPD | Max |
| 1,1,2-Trichloroethane | 106 | 106 | 77-124 | 0 | 30 | | | | |
| Trichloroethene | 49* | 75* | 88-125 | 7 | 30 | | | | |
| Trichlorofluoromethane | 115 | 120 | 73-152 | 4 | 30 | | | | |
| 1,2,3-Trichloropropane | 101 | 101 | 76-118 | 1 | 30 | | | | |
| Vinyl Chloride | 95 | 97 | 65-147 | 3 | 30 | | | | |
| Batch number: 091100006A | Sample | number(s) | : 5647720 | -56477 | 21,5647 | 725-5647726 | UNSPK: | P646321 | |
| Ethane | 69 | 81 | 68-131 | 16 | 20 | | | | |
| Ethene | 75 | 85 | 46-164 | 12 | 20 | | | | |
| Methane | 73 | 83 | 35-157 | 13 | 20 | | | | |
| Batch number: 091101848005 | Sample | number(s) | : 5647720 | -56477 | 21,5647 | 725-5647726 | UNSPK: | P649169 BKG: | P649169 |
| Iron | 98 | 97 | 75-125 | 1 | 20 | 0.166 J | 0.156 | J 6 (1) | 20 |
| Manganese | 103 | 103 | 75-125 | 0 | 20 | 0.0152 | 0.0154 | 1 (1) | 20 |
| Batch number: 09106196602A | Sample | number(s) | : 5647720 | -56477 | 21,5647 | 725-5647726 | UNSPK: | P647710 BKG: | P647710 |
| Chloride | 113* | | 90-110 | | | 79.3 | 80.0 | 1 | 20 |
| Nitrate Nitrogen | 106 | | 90-110 | | | N.D. | N.D. | 0 (1) | 20 |
| Nitrite Nitrogen | 92 | | 90-110 | | | N.D. | N.D. | 0 (1) | 20 |
| Sulfate | 112* | | 90-110 | | | 249 | 251 | 1 | 20 |
| Batch number: 09111049501A | Sample | number(s) | : 5647720 | -56477 | 21,5647 | 725-5647726 | UNSPK: | P646767 BKG: | P646767 |
| Dissolved Organic Carbon | 87 | | 66-125 | | • | 1.6 | 1.5 | 6* (1) | 2 |
| Batch number: 09107023501A | Sample | number(s) | : 5647720 | -56477 | 21,5647 | 725-5647726 | UNSPK: | P647928 BKG: | P648463 |
| Biochemical Oxygen Demand | 102 | 105 | 77-142 | 2 | 8 | 215 | 169 | 24* | 14 |
| Batch number: 09110400102A | Sample | number(s) | : 5647720 | -56477 | 21,5647 | 725-5647726 | UNSPK: | P647710 BKG: | P647710 |
| Chemical Oxygen Demand | 95 | | 90-110 | | • | N.D. | 13.0 | J 200* (1 |) 5 |

Surrogate Quality Control

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

Analysis Name: Volatile Headspace Hydrocarbon

Batch number: 091100006A Propene

| | _ | | | |
|---------|--------|--|--|--|
| 5647720 | 80 | | | |
| 5647721 | 74 | | | |
| 5647725 | 72 | | | |
| 5647726 | 79 | | | |
| Blank | 121 | | | |
| LCS | 115 | | | |
| MS | 75 | | | |
| MSD | 82 | | | |
| | | | | |
| Limits: | 42-131 | | | |

*- Outside of specification

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



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Page 4 of 4

Quality Control Summary

Client Name: Atlantic Richfield(Parsons-NY) Group Number: 1140754

Reported: 04/26/09 at 11:44 PM

Surrogate Quality Control

Analysis Name: Appendix IX by 8260 - water Batch number: Y091091AA

| | Dibromofluoromethane | 1,2-Dichloroethane-d4 | Toluene-d8 | 4-Bromofluorobenzene |
|---------|----------------------|-----------------------|------------|----------------------|
| 5647720 | 94 | 91 | 91 | 86 |
| 5647721 | 96 | 96 | 90 | 86 |
| 5647722 | 95 | 92 | 90 | 84 |
| 5647723 | 96 | 94 | 92 | 86 |
| 5647724 | 96 | 96 | 91 | 85 |
| 5647725 | 95 | 94 | 90 | 85 |
| 5647726 | 96 | 93 | 91 | 86 |
| Blank | 97 | 93 | 90 | 87 |
| LCS | 95 | 93 | 93 | 89 |
| MS | 95 | 95 | 91 | 89 |
| MSD | 95 | 96 | 92 | 89 |
| Limits: | 80-116 | 77-113 | 80-113 | 78-113 |

^{*-} Outside of specification

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

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

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



Project Name: BP Sanborn LLI Group #: 1140754

General Comments:

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

See the Laboratory Chronicle section of the Analysis Report for the method references.

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

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

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

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

Analysis Specific Comments:

06886: Appendix IX by 8260 - water

Batch #: Y091091AA (Sample number(s): 5647720-5647726 UNSPK: P647712)

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

Sample #s: 5647720, 5647721, 5647722, 5647723, 5647724, 5647725, 5647726

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

00224: Chloride

Batch #: 09106196602A (Sample number(s): 5647720-5647721, 5647725-5647726 UNSPK:
P647561, P647710 BKG: P647561, P647710)
The recovery for the above analytes in the MS was outside the acceptance window.

00228: Sulfate

Batch #: 09106196602A (Sample number(s): 5647720-5647721, 5647725-5647726 UNSPK: P647561, P647710)

The recovery for the above analytes in the MS was outside the acceptance window.

07547: Dissolved Organic Carbon

Batch #: 09111049501A (Sample number(s): 5647720-5647721, 5647725-5647726 UNSPK:

P646767 BKG: P646767)

The duplicate RPD for the above analyte exceeded the acceptance window.

04001: Chemical Oxygen Demand

Batch #: 09110400102A (Sample number(s): 5647720-5647721, 5647725-5647726 UNSPK: P647710 BKG: P647710)

The duplicate RPD for the above analyte exceeded the acceptance window.

00235: Biochemical Oxygen Demand

Batch #: 09107023501A (Sample number(s): 5647720-5647721, 5647725-5647726 UNSPK: P647928 BKG: P648463)

The duplicate RPD for the above analyte exceeded the acceptance window.

Atlantic Acct 12495 Grp#1140754 Sample #5647720-27
Richfield BP/ARC Project Name: DROCK BROOK STREET SAMP Chain of Custody Record

| | 1 | | - į |
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| Page | | of | |

| Ç | AICHTIEIG Company CABP affikated company | BP/ARC Pro | oject Name: clilty No: | BP | ,San | born | \ | | | | | | | - | | | | | /dd/y umbe | | | | | Rush TAT | : Yes | No |
|-----------------------------------|--|--------------|---------------------------|--|----------------|-------------|---------|----------------------|-------------|--------------------------------|------------------|----------|----------|----------|--------------|----------------|-----------|----------|---|------------|---------------------------------------|----------|---------------|--|------------------|------------|
| Lab Na | ame: Lancaster Labs | | | BP/ | ARC | Facil | lity Ac | dress | 5: | 2040 | Cory | Drive | | | | | | | Consultant/Contractor: Parsons | | | | | | | |
| Lab Ad | oldress: 2425 New Holland Pi | ike Lancoste | , PA 17601 | City, State, ZIP Code: Sanborn, NY 14132 | | | | | | | Cons | .ltant/ | Contrac | tor Proj | ect No | 445032 | | | | | | | | | | |
| | ^{N:} Jessica Oknefski | | | Lea | d Re | gulat | ory A | gency | : | NYS | DEC | | | | | | | | Address: 40 lalinere Dr. Sule 350, Buffalo, pil 14202 | | | | | | | |
| | ione: (717) 656-2300 x | 1815 | | Cal | ifomi | a Glo | bal ID | No.: | | | | | | | | | | | Consultant/Contractor PM: George Hermance | | | | | | | |
| | nipping Acent: | | | Enf | os Pr | opos | al No | α | ĎΙ | w | - c | 01 | 4 | | | | | | Phone | 3 : | 716 407 | -4990 | | | | |
| Lab Bo | ottle Order No: 74256 | | | | ounti | | | | | | | | | | 000 | C-RM | | | Email | EDD | To: Lo | rraine \ | Ve ber | | | |
| Other I | nfo: | | | Sta | ge: | 50 | | | A | ctivity: | 2-1 | | | | | | | | Invoic | e To: | | BP/AR | С <u>х</u> | Contracto | r | |
| BP/AR | C EBM: William Barber | | | | Ma | trix | | No | o. Co | ntain | ers / | Pres | ervat | ive | | | F | Requ | estec | Ana | lyses | | | Report Ty | rpe & QC L | evel . |
| EBM P | hone: 216 271-8038 | | | | | | | ps | | | | | | | | ١٥ | | | - | | 3000 | | | Sta | andard | • |
| ЕВМ Е | imail: Barber wb D BP. 1 | Car | | | Ì | | | Container | | | | | ł | | | Ţ | i 1 | | | 500 | - 1 | | | Full Date Pa | ickage | |
| Lab No. | Sample Description | Date | Time | Soil / Solid | Water / Liquid | Air / Vapor | | Total Number of Conf | Unpreserved | H ₂ SO ₄ | HNO ₃ | HCI | Methanol | | 0728 | 801516/85KSOR- | DOC 415.1 | Bab 5268 | (D) 410.4 | | C1, 504, 402, 10 | | | Co Note: if sample not Sample" in commer and initial any prepri | its and single-s | strike out |
| | B-17 | 4/15/09 | 0945 | | Χ | | | \preceq | X | X | × | X | | | 3 | 2 | { | 1 | (| 1 | 2 | | | High | | |
| | B-43 | 4/15/09 | 1500 | L | X | | | ħ | (| K | X | X | | | 3 | 2 | 1 |) | 1 | | 2 | | | Medium | | |
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| | | | | <u> </u> | | | | | | ` | | <u> </u> | | | | | | | | | | | | | | |
| Sample | er's Name: Richard C. Becki | en | | L, | | F | Relin | quisi | ned E | 3y / A | ffilia | tion | | | Da | ite | Tin | ne | | | Ассер | ted By | / Aff | liation | Date | Time |
| | er's Company: O&M Enterprises | s, Inc. | | L | <u>√</u> | <u>. J.</u> | ا لح | <u> </u> | 3 | زيليه | عبر | | | | 4/15 | 19 | 180 | ٥ | | | _ | | | | | |
| Shipment Method: FeJ & Ship Date: | | | | Ľ | | | | | Phase | | _ | | | | <u></u> | | | | _/ | | | L | _ | | | |
| | pment Tracking No: | | | | | | | | | | | | _ | | luf | 1 / | | Δ | 44669 | ogis | | | | | | |
| | al Instructions: 86887362 | | | | | | | | | | | | | | | | | | | _/ | · · · · · · · · · · · · · · · · · · · | |) | | | |
| | THIS LINE LAB USE ONLY: Custody Seals In Place (Yes / No | | | | Tem | 8la | nk: 🌾 | 3s / N | <u> </u> | С | ooler | Temp | on Re | ceipt: | <u>35-</u> (| lil | _°FÆ | | Trip | Blan | Res/ | No Y | M: | S/MSD Sample Sub | mitted: 🗺 / | No |

Acctu 12495 Grp#1140754 Sample # 5647720-27 Atlantic Laboratory Management Program LaMP Chain of Custody Record

BP/ARC Project Name: BP,Sanborn

| of Custody Record | Page of |
|--------------------------|------------------|
| Req Due Date (mm/dd/yy): | Rush TAT: Yes No |

| | A BP affiliated company | BP/ARC Fa | cility No: | _ | | | | | | | | | | | Lab ' | Work | (Ord | er Nı | ımbe | r: | | | | | · · · · · · · · · · · · · · · · · · · | | |
|-------------|---|---|-------------|--------------|-----------------|-------------|----------------|---------------------|-----------------|--------------------------------|------------------|----------|--------------------|-------|--------------|-------------------|-------|----------------------|---------------------|----------------|-----------------|--------|--------|----------|---|----------------------|-----------|
| Lab Na | me: Lancaster Labs | | | BP/ | ARC | Facil | ity Ad | dress | 3: | 2040 | Cory | Drive | | | | | | | Cons | ultant | /Contr | actor: | | Pars | ons | | |
| Lab Ad | dress: 2425 New Holland Pike | Lanconfer P | A awi | City | , Sta | te, Zi | P Co | de: | | Sanb | orn, N | NY 14 | 132 | | | | | | Cons | ultant | /Contr | actor | Projec | t No: | 445032 | | |
| | 1. Jessica Oknefski | • | | Lea | d Re | gulate | ory Aç | gency | : | NYS | DEC | | | | | | | | | | | | | | 350 Buffalo, | M 1420 | Σ |
| | one: (717) 656-2360 ×1815 | · | | Cali | fornia | a Glo | bal ID | No.: | | | | | | | , | | | | | | | | | | ge Hermance | | |
| Lab Sh | ipping Accnt: | | | Enfo | os Pr | opos | al No: | 0 | 601 | w- | -00 | 14 | | | | | | | Phone: 716 407-4990 | | | | | | | | |
| Lab Bo | ttle Order No: 74256 | | | Acc | ounti | ng M | ode: | | Pro | vision | <u> 10 </u> | 00 | C-BU | | 000 | -RM | | | Email | EDD | To: | Lorra | ine W | eber | | | |
| Other I | nfo: | | | Stag | ge: , | <u>50</u> | | | A | tivity: | 21 | | | | | | | | Invoid | е То: | | ВР | /ARC | <u> </u> | Contracto | | |
| BP/AR | C EBM: William Barber | ······································ | | 丄 | Ma | trix | | No | o. Co | ntain | ers / | Pres | ervati | ve | L, | | Ī | tequ | estec | Ana | iyse | s | | | Report Ty | pe & QC L | evel |
| | hone: 216 271-8038 | | | 4 | | | | S | | | | | | | | ١. | | | | • | 35. | | | | Sta | ındard | |
| EBM E | mail: Bowberwh @ BP. co | <u>~~</u> | | 1 | | | | Containers | 1 | | | | | , | | 5. | | | | 6010 | ઢ | | | | Full Data Pa | ckage | |
| Lab No. | Sample Description | Date | Time | Soil / Solid | Water / Liquid | Air / Vapor | | Total Number of Co. | Unpreserved | H ₂ SO ₄ | HNO ₃ | HG. | Methanol | | 9728 | 8015 B/85X508-175 | | BOD 5210 B | | Lron Marrowese | 0(,504,402,100) | • | | | Col Note: If sample not Sample" in commen and initial any prepri | ts and single-s | trike out |
| | PW-1 | 41509 | i030 | <u> </u> | X | <u> </u> | | 3 | × | | | | | | X 3 | | |] | | | | | | | High | | |
| | P-3 | | 1325 | _ | X | _ | | 3 | <u>K</u> | | | | | | ۲₃ | | | | | | | | | | High | | |
| | Field Dup#2 | | | _ | X | <u> </u> | | 3 | X | | | | | | X3 | | | | | | | | | <u> </u> | | | |
| | B-42 | | 1315 | | X | <u> </u> | | 11 | × | X | X | X | | | 3 | 2 | 1 | - (| 1 | 4 | 2 | | | | ده) | | |
| | B-44 | <u> </u> | 1130 | <u> </u> | X | | | 11 | X | K | X | X | | | 3 | 2 | 1 | } | 1 | | 2 | | | | Medium | | |
| | | <u> </u> | | 1_ | _ | - | Ш | | | | | | | | | | | | | | | | | | · | | |
| | | | | | _ | L | | | | | ļ | <u> </u> | | | | | | | | | | | | | | | |
| | | | | ╄ | _ | | | | <u> </u> | | | | | | | | | | | | | | | | | <u></u> | |
| | | | ļ | ╂ | _ | - | | | - | | <u> </u> | <u> </u> | - | | | | | | | | | | | | | · ——— | |
| Sample | r's Name: Richard C. Becke | | <u> </u> | ╁ | | | elin | nuiel | hed F | Συ / Δ | ffilia | tion | | | Da | ta l | Tir | 20 | | | Acc | enter | 1 By | Affi | lation | Date | Time |
| <u> </u> | r's Company: O&M Enterprises | | | 1 | <u> </u> | _ | | - | | دىلىد | | | | | 4/15 | | | | | | ACC. | opto | , . | 74,00 | | Date | 111110 |
| | nt Method: Fed Tx | · | licks | | | - | <u>~</u> | | <u> گونیه (</u> | X year | | | | | 11.15 | PH | 100 | $\stackrel{\sim}{+}$ | <u></u> | | $\overline{}$ | | _ | _ | | | |
| | Shipment Method: Fee Fx Ship Date: 4/15/59 Shipment Tracking No: 868873625716 | | | | Juhn Yliby on 5 | | | | | | | | 1915 | | | | | | | | | | | | | | |
| | Special Instructions: | | | | | | | | | | | | June - Milled Date | | | | | | | | | | | | | | |
| | THIS LINE - LAB USE ONLY: Custody Seals In Place: | | | | | o Blar | ık: ((| s/N | 。] | C | ooler 1 | Temp | on Rec | eipt: | <u>3</u> ~5 | ų, (| °F/C | 1 | Trip | Blan | k: V ec | } / No | 4 | MS | /MSD Sample Sub | nitte t Pes / | No |
| | THIS LINE - EAD OUE ONEY. Custody deals in Flade. | | | | | | | _ | | | | | | | | | | | | | | | | | | | |



Environmental Sample Administration Receipt Documentation Log

| | | | | cumentation | Log | | | | | | | | |
|-------------|----------------|---------------------|--|---|-----------------------------|--------------------------------|----------|--|--|--|--|--|--|
| Client/l | Project: | Parsons | , | Shipping | g Containe | er Sealed: 🌾 | ₹S NO | | | | | | |
| Date of | f Receipt: | 4/16/6 | <u>υ</u> | Custody | ं [,] Seal Pres | sent *: | ES NO | | | | | | |
| Time o | f Receipt: | 091 | 5 | | | | | | | | | | |
| Source | Code: | 50- | - | * Custody seal was intact unless otherwise noted in the discrepancy section | | | | | | | | | |
| | ker Emp. No.: | | | Package | Chille | d Not Chilled | | | | | | | |
| | | | Temperature of | re of Shipping Containers | | | | | | | | | |
| Cooler # | Thermometer ID | Temperature (°C) | Temp Bottle (TB) or Surface Temp (ST) | Wet Ice (WI) or Dry Ice (DI) or Ice Packs (IP) | Ice Present? Y/N | Loose (L) Bagged Ice (B) or NA | Comments | | | | | | |
| 1. | 0551 | 4.1- | 78 | ωı | 8 | B | | | | | | | |
| 2 | | 3.6-6 | | | | | | | | | | | |
| 3 | 1 | 3.50 | 1 | 1 | 1 | V | | | | | | | |
| 4 | | | | | | | | | | | | | |
| 5 | | | | | | | | | | | | | |
| 6 | | | | | | | | | | | | | |
| | | | OT listed on chain | of custody: 6 | (not lai | oeled) | | | | | | | |
| - | | | | | | | | | | | | | |
| | | | | | | | | | | | | | |
| 7 | N.: | | ample Administration | | of Custody | | Transfer | | | | | | |
| | Wame | | Date | Time | Reason for acking + 0 | - · · | | | | | | | |
| 1 | min Car | | 4-16-09 | 1145 | | e in Storage | or Entry | | | | | | |
| 1 0/ | man e | - CALLY -V | 11001 | | Entr | | | | | | | | |
| | | | | | Entr | | | | | | | | |

Lancaster Laboratories Explanation of Symbols and Abbreviations

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

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

- < less than The number following the sign is the <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 of gas per liter of gas.

Inorganic Qualifiers

- ppb parts per billion
- **Dry weight**Results printed under this heading have been adjusted for moisture content. This increases the analyte weight concentration to approximate the value present in a similar sample without moisture.

U.S. EPA data qualifiers:

| 9 | lifier | (uu | 9 | u | " 9 | • |
|---|--------|-----|---|-------|-----|---|

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

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

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

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ANALYTICAL RESULTS

Prepared for:

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

281-366-2000

Prepared by:

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

April 27, 2009

SAMPLE GROUP

The sample group for this submittal is 1140753. Samples arrived at the laboratory on Thursday, April 16, 2009. The PO# for this group is 0001W-0014 and the release number is BARBER.

| Client Description | Lancaster Labs Number |
|-----------------------------|-----------------------|
| B-23 Water | 5647710 |
| B-24 Water | 5647711 |
| B-56 Water | 5647712 |
| B-56 Matrix Spike Water | 5647713 |
| B-56 Matrix Spike Dup Water | 5647714 |
| Field Dup#1 Water | 5647715 |
| B-57 Water | 5647716 |
| B-8 Water | 5647717 |
| PW-3 Water | 5647718 |

METHODOLOGY

The specific methodologies used in obtaining the enclosed analytical results are indicated on the Laboratory Chronicle.

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

1 COPY TO Data Package Group



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

Respectfully Submitted,

Martha L. Seidel
Martha L. Seidel
Senior Chemist



As Received

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Page 1 of 3

Lancaster Laboratories Sample No. WW 5647710 Group No. 1140753

B-23 Water

BP Sanborn COC:

2040 Cory Dr - Sanborn, NY B-23

Collected: 04/13/2009 09:30 by RCB Account Number: 12495

Submitted: 04/16/2009 09:15 Atlantic Richfield(Parsons-NY)

Reported: 04/27/2009 at 14:12 BP Corporation

Discard: 05/28/2009 501 WestLake Park Blvd

Houston TX 77079

As Received

SAB23

| CAT No. | Analysis Name | CAS Number | As Received Result | Method Detection Limit* | Limit of Quantitation | Dilution Factor |
|--------------|---|--------------------------|-----------------------|-------------------------|--------------------------|--------------------|
| SW-84 | 6 8260B GC/MS Vo | latiles | ug/l | ug/l | ug/l | |
| 00310 | Benzyl Chloride | 100-44-7 | N.D. | 1.0 | 5.0 | 1 |
| 00310 | Bromobenzene | 108-86-1 | N.D. | 1.0 | 5.0 | 1 |
| 06886 | Bromodichloromethane | 75-27-4 | N.D. | 1.0 | 5.0 | 1 |
| 06886 | Bromoform | 75-25-2 | N.D. | 1.0 | 5.0 | 1 |
| 06886 | Bromomethane | 74-83-9 | N.D. | 1.0 | 5.0 | 1 |
| 06886 | Carbon Tetrachloride | 56-23-5 | N.D. | 1.0 | 5.0 | 1 |
| 06886 | Chlorobenzene | 108-90-7 | N.D. | 0.80 | 5.0 | 1 |
| 06886 | Chloroethane | 75-00-3 | N.D. | 1.0 | 5.0 | 1 |
| 00310 | 2-Chloroethyl Vinyl Ether | 110-75-8 | N.D. | 2.0 | 10 | 1 |
| | 2-Chloroethyl vinyl ether may preserve this sample. | | | | | |
| 06886 | Chloroform | 67-66-3 | N.D. | 0.80 | 5.0 | 1 |
| 06886 | Chloromethane | 74-87-3 | N.D. | 1.0 | 5.0 | 1 |
| 06886 | Dibromochloromethane | 124-48-1 | N.D. | 1.0 | 5.0 | 1 |
| 06886 | Dibromomethane | 74-95-3 | N.D. | 1.0 | 5.0 | 1 |
| 00310 | 1,2-Dichlorobenzene | 95-50-1 | N.D. | 1.0 | 5.0 | 1 |
| 00310 | 1,3-Dichlorobenzene | 541-73-1 | N.D. | 1.0 | 5.0 | 1 |
| 00310 | 1,4-Dichlorobenzene | 106-46-7 | N.D. | 1.0 | 5.0 | 1 |
| 06886 | Dichlorodifluoromethane | 75-71-8 | N.D. | 2.0 | 5.0 | 1 |
| 06886 | 1,1-Dichloroethane | 75-34-3 | 1.4 J | 1.0 | 5.0 | 1 |
| 06886 | 1,2-Dichloroethane | 107-06-2 | N.D. | 1.0 | 5.0 | 1 |
| 06886 | 1,1-Dichloroethene | 75-35-4 | N.D. | 0.80 | 5.0 | 1 |
| 06886 | cis-1,2-Dichloroethene | 156-59-2 | 260 | 0.80 | 5.0 | 1 |
| 06886 | trans-1,2-Dichloroethene | 156-60-5 | 1.6 J | 0.80 | 5.0 | 1 |
| 06886 | 1,2-Dichloropropane | 78-87-5 | N.D. | 1.0 | 5.0 | 1 |
| 06886 | cis-1,3-Dichloropropene | 10061-01-5 | N.D. | 1.0 | 5.0 | 1 |
| 06886 | trans-1,3-Dichloropropene | 10061-02-6 | N.D. | 1.0 | 5.0 | 1 |
| 06886 | Methylene Chloride | 75-09-2 | N.D. | 2.0 | 5.0 | 1 |
| 06886 | 1,1,1,2-Tetrachloroethane | 630-20-6 | N.D. | 1.0 | 5.0 | 1 |
| 06886 | 1,1,2,2-Tetrachloroethane | 79-34-5 | N.D. | 1.0 | 5.0 | 1 |
| 06886 | Tetrachloroethene | 127-18-4 | N.D. | 0.80 | 5.0 | 1 |
| 06886 | 1,1,1-Trichloroethane | 71-55-6 | N.D. | 0.80 | 5.0 | 1 |
| 06886 | 1,1,2-Trichloroethane | 79-00-5 | N.D. | 0.80 | 5.0 | 1 |
| 06886 | Trichloroethene | 79-01-6 | 21 | 1.0 | 5.0 | 1 |
| 06886 | Trichlorofluoromethane | 75-69-4 | N.D. | 2.0 | 5.0 | 1 |
| 06886 | 1,2,3-Trichloropropane | 96-18-4 | N.D. 11 | 1.0 | 5.0 | 1 1 |
| 06886 The | Vinyl Chloride pH of the GC/MS volatile fraction | 75-01-4 on was pH = 7 at | | 1.0 alysis. | 5.0 | 1 |
| ם פעיפים יי | P-175 08/11/94 GC Misce | 11220000 | ug/l | ug/l | ug/l | |
| modif: | • • | Traneous | ug/ i | ug/ 1 | ug/ i | |
| 07105 | Ethane | 74-84-0 | N.D. | 1.0 | 5.0 | 1 |
| 07105 | Ethene | 74-85-1 | N.D. | 1.0 | 5.0 | 1 |
| 07105 | Methane | 74-82-8 | 6.2 J | 5.0 | 15 | 1 |
| | | | 0 | - | == | = |
| | 6 6010B Metals | | mg/l | mg/l | mg/l | |
| 01754 | Iron | 7439-89-6 | 0.276 | 0.0522 | 0.200 | 1 |

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



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Page 2 of 3

Lancaster Laboratories Sample No. WW 5647710

Group No. 1140753

NY

B-23 Water

BP Sanborn COC:

2040 Cory Dr - Sanborn, NY B-23

Collected: 04/13/2009 09:30 by RCB Account Number: 12495

Submitted: 04/16/2009 09:15 Atlantic Richfield(Parsons-NY)

Reported: 04/27/2009 at 14:12 BP Corporation

Discard: 05/28/2009 501 WestLake Park Blvd

Houston TX 77079

SAB23

| CAT No. | Analysis Name | | CAS Number | As Received Result | As Received Method Detection Limit* | As Received Limit of Quantitation | Dilution Factor |
|------------|--|------------|---------------|-----------------------|---|---|--------------------|
| SW-84 | 6 6010B | Metals | | mg/l | mg/l | mg/l | |
| 07058 | Manganese | | 7439-96-5 | 0.0303 | 0.00084 | 0.0050 | 1 |
| EPA 3 | 00.0 | Wet Chemis | stry | mg/l | mg/l | mg/l | |
| 00224 | Chloride | | 16887-00-6 | 79.3 | 4.0 | 8.0 | 20 |
| 00368 | Nitrate Nitrogen | | 14797-55-8 | N.D. | 0.25 | 0.50 | 5 |
| | The holding time wa outside of the hold | | he sample was | submitted to the | laboratory | | |
| 01506 | Nitrite Nitrogen | | 14797-65-0 | N.D. | 0.40 | 0.50 | 5 |
| | The holding time was | | he sample was | submitted to the | laboratory | | |
| 00228 | Sulfate | | 14808-79-8 | 249 | 6.0 | 20.0 | 20 |
| EPA 4 | 15.1 modified | Wet Chemis | stry | mg/l | mg/l | mg/l | |
| 07547 | Dissolved Organic C | arbon | n.a. | 1.7 | 0.50 | 1.0 | 1 |
| EPA 4 | 10.4 | Wet Chemis | stry | mg/l | mg/l | mg/l | |
| 04001 | Chemical Oxygen Dem | and | n.a. | N.D. | 12.8 | 50.0 | 1 |
| SM20 5 | 5210 B | Wet Chemis | stry | mg/l | mg/l | mg/l | |
| 00235 | Biochemical Oxygen | Demand | n.a. | N.D. | 2.4 | 2.4 | 1 |
| | The holding time wa outside of the 48-h | | | submitted to the | laboratory | | |

General Sample Comments

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

| Laboratory Chronicle | | | | | | | | | | |
|----------------------|-------------------------------|------------------|--------|--------------|-------------------------|-------|------------------|--------------------|--|--|
| CAT No. | Analysis Name | Method | Trial# | Batch# | Analysis Date and Ti | me | Analyst | Dilution Factor | | |
| 06886 | Appendix IX by 8260 - water | SW-846 8260B | 1 | Y091091AA | 04/19/2009 | 22:23 | Holly Berry | 1 | | |
| 00310 | 8260B water special scan | SW-846 8260B | 1 | Y091091AA | 04/19/2009 | 22:23 | Holly Berry | 1 | | |
| 01163 | GC/MS VOA Water Prep | SW-846 5030B | 1 | Y091091AA | 04/19/2009 | 22:23 | Holly Berry | 1 | | |
| 07105 | Volatile Headspace | RSKSOP-175 | 1 | 091100006A | 04/22/2009 | 13:46 | Dustin A | 1 | | |
| | Hydrocarbon | 08/11/94 modifie | d | | | | Underkoffler | | | |
| 01754 | Iron | SW-846 6010B | 1 | 091101848005 | 04/22/2009 | 02:10 | John W Yanzuk II | 1 | | |
| 07058 | Manganese | SW-846 6010B | 1 | 091101848005 | 04/22/2009 | 02:10 | John W Yanzuk II | 1 | | |
| 01848 | WW SW846 ICP Digest (tot rec) | SW-846 3005A | 1 | 091101848005 | 04/21/2009 | 09:20 | Denise K Conners | 1 | | |
| 00224 | Chloride | EPA 300.0 | 1 | 09106196602A | 04/22/2009 | 05:01 | Ashley M Heckman | 20 | | |
| 00368 | Nitrate Nitrogen | EPA 300.0 | 1 | 09106196602A | 04/17/2009 | 16:17 | Nicole M Kepley | 5 | | |
| 01506 | Nitrite Nitrogen | EPA 300.0 | 1 | 09106196602A | 04/16/2009 | 21:44 | Ashley M Heckman | 5 | | |



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Page 3 of 3

Lancaster Laboratories Sample No. WW 5647710 Group No. 1140753

NY

B-23 Water
BP Sanborn COC:

2040 Cory Dr - Sanborn, NY B-23

Collected: 04/13/2009 09:30 by RCB Account Number: 12495

Submitted: 04/16/2009 09:15 Atlantic Richfield(Parsons-NY)

Reported: 04/27/2009 at 14:12 BP Corporation

Discard: 05/28/2009 501 WestLake Park Blvd

Houston TX 77079

SAB23

Laboratory Chronicle

| CAT No. | Analysis Name | Method | Trial# | Batch# | Analysis Date and Tim | ne | Analyst | Dilution Factor |
|------------|---------------------------|-------------------|--------|--------------|--------------------------|-------|------------------|--------------------|
| 00228 | Sulfate | EPA 300.0 | 1 | 09106196602A | 04/22/2009 | 05:01 | Ashley M Heckman | 20 |
| 07547 | Dissolved Organic Carbon | EPA 415.1 modifie | ed 1 | 09111049501A | 04/21/2009 | 05:10 | James S Mathiot | 1 |
| 04001 | Chemical Oxygen Demand | EPA 410.4 | 1 | 09110400102A | 04/20/2009 | 08:35 | Susan A Engle | 1 |
| | 1 5 | | _ | | | | 2 | _ |
| 00235 | Biochemical Oxygen Demand | SM20 5210 B | 1 | 09107023501A | 04/17/2009 | 06:58 | Hannah M Royer | 1 |



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Page 1 of 2

Lancaster Laboratories Sample No. WW 5647711 Group No. 1140753

B-24 Water

BP Sanborn COC:

2040 Cory Dr - Sanborn, NY B-24

Submitted: 04/16/2009 09:15

Collected: 04/13/2009 12:10 by RCB Account Number: 12495

Reported: 04/27/2009 at 14:12 BP Corporation

501 WestLake Park Blvd Discard: 05/28/2009

Houston TX 77079

Atlantic Richfield(Parsons-NY)

SAB24

| CAT No. | Analysis Name | | CAS Number | As Rec Result | | As Received Method Detection Limit* | As Received Limit of Quantitation | Dilution Factor | | |
|------------|---|----------|------------------|------------------|------------|---|---|--------------------|--|--|
| SW-84 | 5 8260B | GC/MS Vo | latiles | ug/l | | ug/l | ug/l | | | |
| 00310 | Benzyl Chloride | | 100-44-7 | N.D. | | 1.0 | 5.0 | 1 | | |
| 00310 | Bromobenzene | | 108-86-1 | N.D. | | 1.0 | 5.0 | 1 | | |
| 06886 | Bromodichloromethane | : | 75-27-4 | N.D. | | 1.0 | 5.0 | 1 | | |
| 06886 | Bromoform | | 75-25-2 | N.D. | | 1.0 | 5.0 | 1 | | |
| 06886 | Bromomethane | | 74-83-9 | N.D. | | 1.0 | 5.0 | 1 | | |
| 06886 | Carbon Tetrachloride | : | 56-23-5 | N.D. | | 1.0 | 5.0 | 1 | | |
| 06886 | Chlorobenzene | | 108-90-7 | N.D. | | 0.80 | 5.0 | 1 | | |
| 06886 | Chloroethane | | 75-00-3 | N.D. | | 1.0 | 5.0 | 1 | | |
| 00310 | 2-Chloroethyl Vinyl | Ether | 110-75-8 | N.D. | | 2.0 | 10 | 1 | | |
| | 2-Chloroethyl vinyl preserve this sample | | not be recovered | d if acid | l was used | d to | | | | |
| 06886 | Chloroform | | 67-66-3 | N.D. | | 0.80 | 5.0 | 1 | | |
| 06886 | Chloromethane | | 74-87-3 | N.D. | | 1.0 | 5.0 | 1 | | |
| 06886 | Dibromochloromethane | : | 124-48-1 | N.D. | | 1.0 | 5.0 | 1 | | |
| 06886 | Dibromomethane | | 74-95-3 | N.D. | | 1.0 | 5.0 | 1 | | |
| 00310 | 1,2-Dichlorobenzene | | 95-50-1 | N.D. | | 1.0 | 5.0 | 1 | | |
| 00310 | 1,3-Dichlorobenzene | | 541-73-1 | N.D. | | 1.0 | 5.0 | 1 | | |
| 00310 | 1,4-Dichlorobenzene | | 106-46-7 | N.D. | | 1.0 | 5.0 | 1 | | |
| 06886 | Dichlorodifluorometh | ane | 75-71-8 | N.D. | | 2.0 | 5.0 | 1 | | |
| 06886 | 1,1-Dichloroethane | | 75-34-3 | N.D. | | 1.0 | 5.0 | 1 | | |
| 06886 | 1,2-Dichloroethane | | 107-06-2 | N.D. | | 1.0 | 5.0 | 1 | | |
| 06886 | 1,1-Dichloroethene | | 75-35-4 | N.D. | | 0.80 | 5.0 | 1 | | |
| 06886 | cis-1,2-Dichloroethe | | 156-59-2 | 0.99 | J | 0.80 | 5.0 | 1 | | |
| 06886 | trans-1,2-Dichloroet | hene | 156-60-5 | N.D. | | 0.80 | 5.0 | 1 | | |
| 06886 | 1,2-Dichloropropane | | 78-87-5 | N.D. | | 1.0 | 5.0 | 1 | | |
| 06886 | cis-1,3-Dichloroprop | | 10061-01-5 | N.D. | | 1.0 | 5.0 | 1 | | |
| 06886 | trans-1,3-Dichloropr | opene | 10061-02-6 | N.D. | | 1.0 | 5.0 | 1 | | |
| 06886 | Methylene Chloride | | 75-09-2 | N.D. | | 2.0 | 5.0 | 1 | | |
| 06886 | 1,1,1,2-Tetrachloroe | | 630-20-6 | N.D. | | 1.0 | 5.0 | 1 | | |
| 06886 | 1,1,2,2-Tetrachloroe | thane | 79-34-5 | N.D. | | 1.0 | 5.0 | 1 | | |
| 06886 | Tetrachloroethene | | 127-18-4 | N.D. | | 0.80 | 5.0 | 1 | | |
| 06886 | 1,1,1-Trichloroethan | | 71-55-6 | N.D. | | 0.80 | 5.0 | 1 | | |
| 06886 | 1,1,2-Trichloroethan | e | 79-00-5 | N.D. | | 0.80 | 5.0 | 1 | | |
| 06886 | Trichloroethene | | 79-01-6 | 3.2 | J | 1.0 | 5.0 | 1 | | |
| 06886 | Trichlorofluorometha | | 75-69-4 | N.D. | | 2.0 | 5.0 | 1 | | |
| 06886 | 1,2,3-Trichloropropa | ne | 96-18-4 | N.D. | | 1.0 | 5.0 | 1 | | |
| 06886 | Vinyl Chloride | | 75-01-4 | N.D. | | 1.0 | 5.0 | 1 | | |
| The : | The pH of the GC/MS volatile fraction was $pH = 7$ at the time of analysis. | | | | | | | | | |

General Sample Comments

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



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Page 2 of 2

Lancaster Laboratories Sample No. WW 5647711 Group No. 1140753

NY

B-24 Water
BP Sanborn COC:

2040 Cory Dr - Sanborn, NY B-24

Collected: 04/13/2009 12:10 by RCB Account Number: 12495

Submitted: 04/16/2009 09:15 Atlantic Richfield(Parsons-NY)

Reported: 04/27/2009 at 14:12 BP Corporation

Discard: 05/28/2009 501 WestLake Park Blvd

Houston TX 77079

SAB24

Laboratory Chronicle CAT Analysis Name Method Trial# Batch# Analyst Dilution No. Date and Time Factor 06886 Appendix IX by 8260 - water SW-846 8260B 1 Y091091AA 04/19/2009 22:44 Holly Berry 00310 8260B water special scan SW-846 8260B 1 Y091091AA 04/19/2009 22:44 Holly Berry 1 01163 GC/MS VOA Water Prep SW-846 5030B 1 Y091091AA 04/19/2009 22:44 Holly Berry



As Received

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Page 1 of 2

Lancaster Laboratories Sample No. WW 5647712 Group No. 1140753

B-56 Water

BP Sanborn COC:

2040 Cory Dr - Sanborn, NY B-56

Collected: 04/13/2009 11:25 by RCB Account Number: 12495

Submitted: 04/16/2009 09:15 Atlantic Richfield(Parsons-NY)

Reported: 04/27/2009 at 14:12 BP Corporation

Discard: 05/28/2009 501 WestLake Park Blvd Houston TX 77079

SAB56

| CAT No. | Analysis Name | | CAS Number | As Received Result | Method Detection Limit* | Limit of Quantitation | Dilution Factor | | | |
|------------|---|------------|------------|-----------------------|-------------------------|--------------------------|--------------------|--|--|--|
| SW-846 | 5 8260B GC | MS Vola | tiles | ug/l | ug/l | ug/l | | | | |
| 00310 | Benzyl Chloride | | 100-44-7 | N.D. | 1.0 | 5.0 | 1 | | | |
| 00310 | Bromobenzene | | 108-86-1 | N.D. | 1.0 | 5.0 | 1 | | | |
| 06886 | Bromodichloromethane | | 75-27-4 | N.D. | 1.0 | 5.0 | 1 | | | |
| 06886 | Bromoform | | 75-25-2 | N.D. | 1.0 | 5.0 | 1 | | | |
| 06886 | Bromomethane | | 74-83-9 | N.D. | 1.0 | 5.0 | 1 | | | |
| 06886 | Carbon Tetrachloride | | 56-23-5 | N.D. | 1.0 | 5.0 | 1 | | | |
| 06886 | Chlorobenzene | | 108-90-7 | N.D. | 0.80 | 5.0 | 1 | | | |
| 06886 | Chloroethane | | 75-00-3 | N.D. | 1.0 | 5.0 | 1 | | | |
| 00310 | 2-Chloroethyl Vinyl Eth | er | 110-75-8 | N.D. | 2.0 | 10 | 1 | | | |
| | 2-Chloroethyl vinyl eth preserve this sample. | er may not | | | | | | | | |
| 06886 | Chloroform | | 67-66-3 | N.D. | 0.80 | 5.0 | 1 | | | |
| 06886 | Chloromethane | | 74-87-3 | N.D. | 1.0 | 5.0 | 1 | | | |
| 06886 | Dibromochloromethane | | 124-48-1 | N.D. | 1.0 | 5.0 | 1 | | | |
| 06886 | Dibromomethane | | 74-95-3 | N.D. | 1.0 | 5.0 | 1 | | | |
| 00310 | 1,2-Dichlorobenzene | | 95-50-1 | N.D. | 1.0 | 5.0 | 1 | | | |
| 00310 | 1,3-Dichlorobenzene | | 541-73-1 | N.D. | 1.0 | 5.0 | 1 | | | |
| 00310 | 1,4-Dichlorobenzene | | 106-46-7 | N.D. | 1.0 | 5.0 | 1 | | | |
| 06886 | Dichlorodifluoromethane | | 75-71-8 | N.D. | 2.0 | 5.0 | 1 | | | |
| 06886 | 1,1-Dichloroethane | | 75-34-3 | N.D. | 1.0 | 5.0 | 1 | | | |
| 06886 | 1,2-Dichloroethane | | 107-06-2 | N.D. | 1.0 | 5.0 | 1 | | | |
| 06886 | 1,1-Dichloroethene | | 75-35-4 | N.D. | 0.80 | 5.0 | 1 | | | |
| 06886 | cis-1,2-Dichloroethene | | 156-59-2 | 17 | 0.80 | 5.0 | 1 | | | |
| 06886 | trans-1,2-Dichloroethen | е | 156-60-5 | N.D. | 0.80 | 5.0 | 1 | | | |
| 06886 | 1,2-Dichloropropane | | 78-87-5 | N.D. | 1.0 | 5.0 | 1 | | | |
| 06886 | cis-1,3-Dichloropropene | | 10061-01-5 | N.D. | 1.0 | 5.0 | 1 | | | |
| 06886 | trans-1,3-Dichloroprope | ne | 10061-02-6 | N.D. | 1.0 | 5.0 | 1 | | | |
| 06886 | Methylene Chloride | | 75-09-2 | N.D. | 2.0 | 5.0 | 1 | | | |
| 06886 | 1,1,1,2-Tetrachloroetha | | 630-20-6 | N.D. | 1.0 | 5.0 | 1 | | | |
| 06886 | 1,1,2,2-Tetrachloroetha | ne | 79-34-5 | N.D. | 1.0 | 5.0 | 1 | | | |
| 06886 | Tetrachloroethene | | 127-18-4 | N.D. | 0.80 | 5.0 | 1 | | | |
| 06886 | 1,1,1-Trichloroethane | | 71-55-6 | N.D. | 0.80 | 5.0 | 1 | | | |
| 06886 | 1,1,2-Trichloroethane | | 79-00-5 | N.D. | 0.80 | 5.0 | 1 | | | |
| 06886 | Trichloroethene | | 79-01-6 | 64 | 1.0 | 5.0 | 1 | | | |
| 06886 | Trichlorofluoromethane | | 75-69-4 | N.D. | 2.0 | 5.0 | 1 | | | |
| 06886 | 1,2,3-Trichloropropane | | 96-18-4 | N.D. | 1.0 | 5.0 | 1 | | | |
| 06886 | Vinyl Chloride | | 75-01-4 | N.D. | 1.0 | 5.0 | 1 | | | |
| The p | The pH of the GC/MS volatile fraction was pH = 7 at the time of analysis. | | | | | | | | | |

As Received

General Sample Comments

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



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Page 2 of 2

Lancaster Laboratories Sample No. WW 5647712 Group No. 1140753

NY

B-56 Water
BP Sanborn COC:

2040 Cory Dr - Sanborn, NY B-56

Collected: 04/13/2009 11:25 by RCB Account Number: 12495

Submitted: 04/16/2009 09:15 Atlantic Richfield(Parsons-NY)

Reported: 04/27/2009 at 14:12 BP Corporation

Discard: 05/28/2009 501 WestLake Park Blvd

Houston TX 77079

SAB56

Laboratory Chronicle CAT Analysis Name Method Trial# Batch# Analyst Dilution No. Date and Time Factor 06886 Appendix IX by 8260 - water SW-846 8260B 1 Y091091AA 04/19/2009 18:34 Holly Berry 00310 8260B water special scan SW-846 8260B 1 Y091091AA 04/19/2009 18:34 Holly Berry 1 01163 GC/MS VOA Water Prep SW-846 5030B 1 Y091091AA 04/19/2009 18:34 Holly Berry



As Received

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Page 1 of 2

Lancaster Laboratories Sample No. WW 5647713

Group No. 1140753

NY

B-56 Matrix Spike Water

BP Sanborn COC:

2040 Cory Dr - Sanborn, NY B-56

Collected: 04/13/2009 11:25 by RCB Account Number: 12495

Submitted: 04/16/2009 09:15 Atlantic Richfield(Parsons-NY)

Reported: 04/27/2009 at 14:12 BP Corporation

Discard: 05/28/2009 501 WestLake Park Blvd

Houston TX 77079

As Received

SAB56

| CAT No. | Analysis Name | CAS Number | As Received Result | As Received Method Detection Limit* | As Received Limit of Quantitation | Dilution Factor |
|------------|---|----------------------|-----------------------|---|-----------------------------------|--------------------|
| SW-846 | 5 8260B GC/MS | S Volatiles | ug/l | ug/l | ug/l | |
| 00310 | Benzyl Chloride | 100-44-7 | 18 | 1.0 | 5.0 | 1 |
| 00310 | Bromobenzene | 108-86-1 | 21 | 1.0 | 5.0 | 1 |
| 06886 | Bromodichloromethane | 75-27-4 | 22 | 1.0 | 5.0 | 1 |
| 06886 | Bromoform | 75-25-2 | 21 | 1.0 | 5.0 | 1 |
| 06886 | Bromomethane | 74-83-9 | 22 | 1.0 | 5.0 | 1 |
| 06886 | Carbon Tetrachloride | 56-23-5 | 24 | 1.0 | 5.0 | 1 |
| 06886 | Chlorobenzene | 108-90-7 | 22 | 0.80 | 5.0 | 1 |
| 06886 | Chloroethane | 75-00-3 | 21 | 1.0 | 5.0 | 1 |
| 00310 | 2-Chloroethyl Vinyl Ether | 110-75-8 | 19 | 2.0 | 10 | 1 |
| | 2-Chloroethyl vinyl ether preserve this sample. | may not be recovered | if acid was us | ed to | | |
| 06886 | Chloroform | 67-66-3 | 22 | 0.80 | 5.0 | 1 |
| 06886 | Chloromethane | 74-87-3 | 21 | 1.0 | 5.0 | 1 |
| 06886 | Dibromochloromethane | 124-48-1 | 21 | 1.0 | 5.0 | 1 |
| 06886 | Dibromomethane | 74-95-3 | 21 | 1.0 | 5.0 | 1 |
| 00310 | 1,2-Dichlorobenzene | 95-50-1 | 21 | 1.0 | 5.0 | 1 |
| 00310 | 1,3-Dichlorobenzene | 541-73-1 | 21 | 1.0 | 5.0 | 1 |
| 00310 | 1,4-Dichlorobenzene | 106-46-7 | 21 | 1.0 | 5.0 | 1 |
| 06886 | Dichlorodifluoromethane | 75-71-8 | 24 | 2.0 | 5.0 | 1 |
| 06886 | 1,1-Dichloroethane | 75-34-3 | 22 | 1.0 | 5.0 | 1 |
| 06886 | 1,2-Dichloroethane | 107-06-2 | 21 | 1.0 | 5.0 | 1 |
| 06886 | 1,1-Dichloroethene | 75-35-4 | 24 | 0.80 | 5.0 | 1 |
| 06886 | cis-1,2-Dichloroethene | 156-59-2 | 36 | 0.80 | 5.0 | 1 |
| 06886 | trans-1,2-Dichloroethene | 156-60-5 | 24 | 0.80 | 5.0 | 1 |
| 06886 | 1,2-Dichloropropane | 78-87-5 | 21 | 1.0 | 5.0 | 1 |
| 06886 | cis-1,3-Dichloropropene | 10061-01-5 | 21 | 1.0 | 5.0 | 1 |
| 06886 | trans-1,3-Dichloropropene | 10061-02-6 | 20 | 1.0 | 5.0 | 1 |
| 06886 | Methylene Chloride | 75-09-2 | 21 | 2.0 | 5.0 | 1 |
| 06886 | 1,1,1,2-Tetrachloroethane | 630-20-6 | 21 | 1.0 | 5.0 | 1 |
| 06886 | 1,1,2,2-Tetrachloroethane | 79-34-5 | 19 | 1.0 | 5.0 | 1 |
| 06886 | Tetrachloroethene | 127-18-4 | 24 | 0.80 | 5.0 | 1 |
| 06886 | 1,1,1-Trichloroethane | 71-55-6 | 24 | 0.80 | 5.0 | 1 |
| 06886 | 1,1,2-Trichloroethane | 79-00-5 | 21 | 0.80 | 5.0 | 1 |
| 06886 | Trichloroethene | 79-01-6 | 74 | 1.0 | 5.0 | 1 |
| 06886 | Trichlorofluoromethane | 75-69-4 | 23 | 2.0 | 5.0 | 1 |
| 06886 | 1,2,3-Trichloropropane | 96-18-4 | 20 | 1.0 | 5.0 | 1 |
| 06886 | Vinyl Chloride | 75-01-4 | 19 | 1.0 | 5.0 | 1 |
| The] | pH of the GC/MS volatile fr | action was pH = 7 at | the time of ana | alysis. | | |

General Sample Comments

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



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Page 2 of 2

Lancaster Laboratories Sample No. WW 5647713

Group No. 1140753

NY

B-56 Matrix Spike Water

BP Sanborn COC:

2040 Cory Dr - Sanborn, NY B-56

Collected: 04/13/2009 11:25 by RCB Account Number: 12495

Submitted: 04/16/2009 09:15 Atlantic Richfield(Parsons-NY)

Reported: 04/27/2009 at 14:12 BP Corporation

Discard: 05/28/2009 501 WestLake Park Blvd

Houston TX 77079

SAB56

Laboratory Chronicle

| CAT No. | Analysis Name | Method | Trial# | Batch# | Analysis Date and Time | Analyst | Dilution Factor |
|------------|--|------------------------------|--------|------------------------|--------------------------------------|----------------------------|--------------------|
| 06886 | Appendix IX by 8260 - water | SW-846 8260B | 1 | Y091091AA | 04/19/2009 18:55 | Holly Berry | 1 |
| | 8260B water special scan GC/MS VOA Water Prep | SW-846 8260B SW-846 5030B | _ | Y091091AA Y091091AA | 04/19/2009 18:55 04/19/2009 18:55 | Holly Berry Holly Berry | 1 1 |



As Received

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Page 1 of 2

Lancaster Laboratories Sample No. WW 5647714

Group No. 1140753

NY

B-56 Matrix Spike Dup Water

BP Sanborn COC:

2040 Cory Dr - Sanborn, NY B-56

Collected: 04/13/2009 11:25 by RCB Account Number: 12495

Submitted: 04/16/2009 09:15 Atlantic Richfield(Parsons-NY)

Reported: 04/27/2009 at 14:12 BP Corporation

Discard: 05/28/2009 501 WestLake Park Blvd

Houston TX 77079

As Received

SAB56

| CAT No. | Analysis Name | | CAS Number | As Received Result | Method Detection Limit* | As Received Limit of Quantitation | Dilution Factor |
|------------|---|-------------|---------------|-----------------------|-------------------------|-----------------------------------|--------------------|
| SW-84 | 6 8260B G | C/MS Vola | tiles | ug/l | ug/l | ug/l | |
| 00310 | Benzyl Chloride | | 100-44-7 | 19 | 1.0 | 5.0 | 1 |
| 00310 | Bromobenzene | | 108-86-1 | 21 | 1.0 | 5.0 | 1 |
| 06886 | Bromodichloromethane | | 75-27-4 | 22 | 1.0 | 5.0 | 1 |
| 06886 | Bromoform | | 75-25-2 | 21 | 1.0 | 5.0 | 1 |
| 06886 | Bromomethane | | 74-83-9 | 23 | 1.0 | 5.0 | 1 |
| 06886 | Carbon Tetrachloride | | 56-23-5 | 24 | 1.0 | 5.0 | 1 |
| 06886 | Chlorobenzene | | 108-90-7 | 22 | 0.80 | 5.0 | 1 |
| 06886 | Chloroethane | | 75-00-3 | 22 | 1.0 | 5.0 | 1 |
| 00310 | 2-Chloroethyl Vinyl E | ther | 110-75-8 | 20 | 2.0 | 10 | 1 |
| | 2-Chloroethyl vinyl e preserve this sample. | | | | | | |
| 06886 | Chloroform | | 67-66-3 | 22 | 0.80 | 5.0 | 1 |
| 06886 | Chloromethane | | 74-87-3 | 21 | 1.0 | 5.0 | 1 |
| 06886 | Dibromochloromethane | | 124-48-1 | 22 | 1.0 | 5.0 | 1 |
| 06886 | Dibromomethane | | 74-95-3 | 21 | 1.0 | 5.0 | 1 |
| 00310 | 1,2-Dichlorobenzene | | 95-50-1 | 21 | 1.0 | 5.0 | 1 |
| 00310 | 1,3-Dichlorobenzene | | 541-73-1 | 21 | 1.0 | 5.0 | 1 |
| 00310 | 1,4-Dichlorobenzene | | 106-46-7 | 21 | 1.0 | 5.0 | 1 |
| 06886 | Dichlorodifluorometha | ne | 75-71-8 | 25 | 2.0 | 5.0 | 1 |
| 06886 | 1,1-Dichloroethane | | 75-34-3 | 22 | 1.0 | 5.0 | 1 |
| 06886 | 1,2-Dichloroethane | | 107-06-2 | 21 | 1.0 | 5.0 | 1 |
| 06886 | 1,1-Dichloroethene | | 75-35-4 | 24 | 0.80 | 5.0 | 1 |
| 06886 | cis-1,2-Dichloroethen | | 156-59-2 | 38 | 0.80 | 5.0 | 1 |
| 06886 | trans-1,2-Dichloroeth | ene | 156-60-5 | 24 | 0.80 | 5.0 | 1 |
| 06886 | 1,2-Dichloropropane | | 78-87-5 | 21 | 1.0 | 5.0 | 1 |
| 06886 | cis-1,3-Dichloroprope | | 10061-01-5 | 21 | 1.0 | 5.0 | 1 |
| 06886 | trans-1,3-Dichloropro | pene | 10061-02-6 | 20 | 1.0 | 5.0 | 1 |
| 06886 | Methylene Chloride | | 75-09-2 | 22 | 2.0 | 5.0 | 1 |
| 06886 | 1,1,1,2-Tetrachloroet | | 630-20-6 | 21 | 1.0 | 5.0 | 1 |
| 06886 | 1,1,2,2-Tetrachloroet | hane | 79-34-5 | 20 | 1.0 | 5.0 | 1 |
| 06886 | Tetrachloroethene | | 127-18-4 | 23 | 0.80 | 5.0 | 1 |
| 06886 | 1,1,1-Trichloroethane | | 71-55-6 | 24 | 0.80 | 5.0 | 1 |
| 06886 | 1,1,2-Trichloroethane | | 79-00-5 | 21 | 0.80 | 5.0 | 1 |
| 06886 | Trichloroethene | | 79-01-6 | 79 | 1.0 | 5.0 | 1 |
| 06886 | Trichlorofluoromethan | | 75-69-4 | 24 | 2.0 | 5.0 | 1 |
| 06886 | 1,2,3-Trichloropropan | e | 96-18-4 | 20 | 1.0 | 5.0 | 1 |
| 06886 | Vinyl Chloride | | 75-01-4 | 19 | 1.0 | 5.0 | 1 |
| The | pH of the GC/MS volati | le fraction | was pH = 7 at | the time of and | alysis. | | |

General Sample Comments

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



Holly Berry

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Page 2 of 2

Lancaster Laboratories Sample No. WW 5647714

Group No. 1140753

NY

B-56 Matrix Spike Dup Water

BP Sanborn COC:

2040 Cory Dr - Sanborn, NY B-56

Collected: 04/13/2009 11:25 by RCB Account Number: 12495

SW-846 5030B

Submitted: 04/16/2009 09:15

Reported: 04/27/2009 at 14:12

Discard: 05/28/2009

01163 GC/MS VOA Water Prep

Atlantic Richfield(Parsons-NY)

04/19/2009 19:16

BP Corporation

501 WestLake Park Blvd

Houston TX 77079

SAB56

No.

Laboratory Chronicle CAT Analysis Name Method Trial# Batch# Analyst Dilution Date and Time Factor 06886 Appendix IX by 8260 - water SW-846 8260B 1 Y091091AA 04/19/2009 19:16 Holly Berry 00310 8260B water special scan SW-846 8260B 1 Y091091AA 04/19/2009 19:16 Holly Berry 1

1 Y091091AA



As Received

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Page 1 of 2

Lancaster Laboratories Sample No. WW 5647715

Group No. 1140753

NY

Field Dup#1 Water BP Sanborn COC:

2040 Cory Dr - Sanborn, NY Dup#1

Collected: 04/13/2009 by RCB Account Number: 12495

Submitted: 04/16/2009 09:15 Atlantic Richfield(Parsons-NY)

Reported: 04/27/2009 at 14:12 BP Corporation

Discard: 05/28/2009 501 WestLake Park Blvd

Houston TX 77079

As Received

SADU1

| CAT No. | Analysis Name | | CAS Number | As Rec Result | | Method Detection Limit* | As Received Limit of Quantitation | Dilution Factor |
|------------|---|-------------|-----------------|------------------|----------|-------------------------|---|--------------------|
| SW-84 | 6 8260B G | C/MS Vola | tiles | ug/l | | ug/l | ug/l | |
| 00310 | Benzyl Chloride | | 100-44-7 | N.D. | | 1.0 | 5.0 | 1 |
| 00310 | Bromobenzene | | 108-86-1 | N.D. | | 1.0 | 5.0 | 1 |
| 06886 | Bromodichloromethane | | 75-27-4 | N.D. | | 1.0 | 5.0 | 1 |
| 06886 | Bromoform | | 75-25-2 | N.D. | | 1.0 | 5.0 | 1 |
| 06886 | Bromomethane | | 74-83-9 | N.D. | | 1.0 | 5.0 | 1 |
| 06886 | Carbon Tetrachloride | | 56-23-5 | N.D. | | 1.0 | 5.0 | 1 |
| 06886 | Chlorobenzene | | 108-90-7 | N.D. | | 0.80 | 5.0 | 1 |
| 06886 | Chloroethane | | 75-00-3 | N.D. | | 1.0 | 5.0 | 1 |
| 00310 | 2-Chloroethyl Vinyl E | ther | 110-75-8 | N.D. | | 2.0 | 10 | 1 |
| | 2-Chloroethyl vinyl e preserve this sample. | | | | l was us | | | |
| 06886 | Chloroform | | 67-66-3 | N.D. | | 0.80 | 5.0 | 1 |
| 06886 | Chloromethane | | 74-87-3 | N.D. | | 1.0 | 5.0 | 1 |
| 06886 | Dibromochloromethane | | 124-48-1 | N.D. | | 1.0 | 5.0 | 1 |
| 06886 | Dibromomethane | | 74-95-3 | N.D. | | 1.0 | 5.0 | 1 |
| 00310 | 1,2-Dichlorobenzene | | 95-50-1 | N.D. | | 1.0 | 5.0 | 1 |
| 00310 | 1,3-Dichlorobenzene | | 541-73-1 | N.D. | | 1.0 | 5.0 | 1 |
| 00310 | 1,4-Dichlorobenzene | | 106-46-7 | N.D. | | 1.0 | 5.0 | 1 |
| 06886 | Dichlorodifluorometha | ne | 75-71-8 | N.D. | | 2.0 | 5.0 | 1 |
| 06886 | 1,1-Dichloroethane | | 75-34-3 | N.D. | | 1.0 | 5.0 | 1 |
| 06886 | 1,2-Dichloroethane | | 107-06-2 | N.D. | | 1.0 | 5.0 | 1 |
| 06886 | 1,1-Dichloroethene | | 75-35-4 | N.D. | | 0.80 | 5.0 | 1 |
| 06886 | cis-1,2-Dichloroethen | | 156-59-2 | 1.1 | J | 0.80 | 5.0 | 1 |
| 06886 | trans-1,2-Dichloroeth | ene | 156-60-5 | N.D. | | 0.80 | 5.0 | 1 |
| 06886 | 1,2-Dichloropropane | | 78-87-5 | N.D. | | 1.0 | 5.0 | 1 |
| 06886 | cis-1,3-Dichloroprope | | 10061-01-5 | N.D. | | 1.0 | 5.0 | 1 |
| 06886 | trans-1,3-Dichloropro | pene | 10061-02-6 | N.D. | | 1.0 | 5.0 | 1 |
| 06886 | Methylene Chloride | | 75-09-2 | N.D. | | 2.0 | 5.0 | 1 |
| 06886 | 1,1,1,2-Tetrachloroet | | 630-20-6 | N.D. | | 1.0 | 5.0 | 1 |
| 06886 | 1,1,2,2-Tetrachloroet | hane | 79-34-5 | N.D. | | 1.0 | 5.0 | 1 |
| 06886 | Tetrachloroethene | | 127-18-4 | N.D. | | 0.80 | 5.0 | 1 |
| 06886 | 1,1,1-Trichloroethane | | 71-55-6 | N.D. | | 0.80 | 5.0 | 1 |
| 06886 | 1,1,2-Trichloroethane | | 79-00-5 | N.D. | | 0.80 | 5.0 | 1 |
| 06886 | Trichloroethene | | 79-01-6 | 3.3 | J | 1.0 | 5.0 | 1 |
| 06886 | Trichlorofluoromethan | | 75-69-4 | N.D. | | 2.0 | 5.0 | 1 |
| 06886 | 1,2,3-Trichloropropan | .e | 96-18-4 | N.D. | | 1.0 | 5.0 | 1 |
| 06886 | Vinyl Chloride | | 75-01-4 | N.D. | | 1.0 | 5.0 | 1 |
| The | pH of the GC/MS volati | le fraction | was $pH = 7$ at | the tim | e of ana | alysis. | | |

General Sample Comments

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



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Page 2 of 2

Lancaster Laboratories Sample No. WW 5647715 Group No. 1140753

NY

Field Dup#1 Water BP Sanborn COC:

2040 Cory Dr - Sanborn, NY Dup#1

Collected: 04/13/2009 by RCB Account Number: 12495

Submitted: 04/16/2009 09:15 Atlantic Richfield(Parsons-NY)

Reported: 04/27/2009 at 14:12 BP Corporation

Discard: 05/28/2009 501 WestLake Park Blvd

Houston TX 77079

SADU1

Laboratory Chronicle CAT Analysis Name Method Trial# Batch# Analyst Dilution No. Date and Time Factor 06886 Appendix IX by 8260 - water SW-846 8260B 1 Y091091AA 04/19/2009 23:04 Holly Berry 00310 8260B water special scan SW-846 8260B 1 Y091091AA 04/19/2009 23:04 Holly Berry 1 01163 GC/MS VOA Water Prep SW-846 5030B 1 Y091091AA 04/19/2009 23:04 Holly Berry



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Page 1 of 2

Lancaster Laboratories Sample No. WW 5647716

Group No. 1140753

B-57 Water

BP Sanborn COC:

2040 Cory Dr - Sanborn, NY B-57

Collected: 04/13/2009 11:35 by RCB Account Number: 12495

Submitted: 04/16/2009 09:15 Atlantic Richfield(Parsons-NY)

Reported: 04/27/2009 at 14:12 BP Corporation

501 WestLake Park Blvd Discard: 05/28/2009

Houston TX 77079

SAB57

| CAT No. | Analysis Name | | CAS Number | As Received Result | As Received Method Detection Limit* | As Received Limit of Quantitation | Dilution Factor |
|------------|--|--------------|-----------------|-----------------------|---|---|--------------------|
| SW-84 | 5 8260B | GC/MS Vol | atiles | ug/l | ug/l | ug/l | |
| 00310 | Benzyl Chloride | | 100-44-7 | N.D. | 1.0 | 5.0 | 1 |
| 00310 | Bromobenzene | | 108-86-1 | N.D. | 1.0 | 5.0 | 1 |
| 06886 | Bromodichloromethane | <u> </u> | 75-27-4 | N.D. | 1.0 | 5.0 | 1 |
| 06886 | Bromoform | | 75-25-2 | N.D. | 1.0 | 5.0 | 1 |
| 06886 | Bromomethane | | 74-83-9 | N.D. | 1.0 | 5.0 | 1 |
| 06886 | Carbon Tetrachloride | <u> </u> | 56-23-5 | N.D. | 1.0 | 5.0 | 1 |
| 06886 | Chlorobenzene | | 108-90-7 | N.D. | 0.80 | 5.0 | 1 |
| 06886 | Chloroethane | | 75-00-3 | N.D. | 1.0 | 5.0 | 1 |
| 00310 | 2-Chloroethyl Vinyl | Ether | 110-75-8 | N.D. | 2.0 | 10 | 1 |
| | 2-Chloroethyl vinyl preserve this sample | | ot be recovered | if acid was use | ed to | | |
| 06886 | Chloroform | | 67-66-3 | N.D. | 0.80 | 5.0 | 1 |
| 06886 | Chloromethane | | 74-87-3 | N.D. | 1.0 | 5.0 | 1 |
| 06886 | Dibromochloromethane | : | 124-48-1 | N.D. | 1.0 | 5.0 | 1 |
| 06886 | Dibromomethane | | 74-95-3 | N.D. | 1.0 | 5.0 | 1 |
| 00310 | 1,2-Dichlorobenzene | | 95-50-1 | N.D. | 1.0 | 5.0 | 1 |
| 00310 | 1,3-Dichlorobenzene | | 541-73-1 | N.D. | 1.0 | 5.0 | 1 |
| 00310 | 1,4-Dichlorobenzene | | 106-46-7 | N.D. | 1.0 | 5.0 | 1 |
| 06886 | Dichlorodifluorometh | nane | 75-71-8 | N.D. | 2.0 | 5.0 | 1 |
| 06886 | 1,1-Dichloroethane | | 75-34-3 | N.D. | 1.0 | 5.0 | 1 |
| 06886 | 1,2-Dichloroethane | | 107-06-2 | N.D. | 1.0 | 5.0 | 1 |
| 06886 | 1,1-Dichloroethene | | 75-35-4 | N.D. | 0.80 | 5.0 | 1 |
| 06886 | cis-1,2-Dichloroethe | ene | 156-59-2 | N.D. | 0.80 | 5.0 | 1 |
| 06886 | trans-1,2-Dichloroet | hene | 156-60-5 | N.D. | 0.80 | 5.0 | 1 |
| 06886 | 1,2-Dichloropropane | | 78-87-5 | N.D. | 1.0 | 5.0 | 1 |
| 06886 | cis-1,3-Dichloroprop | | 10061-01-5 | N.D. | 1.0 | 5.0 | 1 |
| 06886 | trans-1,3-Dichloropr | ropene | 10061-02-6 | N.D. | 1.0 | 5.0 | 1 |
| 06886 | Methylene Chloride | | 75-09-2 | N.D. | 2.0 | 5.0 | 1 |
| 06886 | 1,1,1,2-Tetrachloroe | | 630-20-6 | N.D. | 1.0 | 5.0 | 1 |
| 06886 | 1,1,2,2-Tetrachloroe | thane | 79-34-5 | N.D. | 1.0 | 5.0 | 1 |
| 06886 | Tetrachloroethene | | 127-18-4 | N.D. | 0.80 | 5.0 | 1 |
| 06886 | 1,1,1-Trichloroethar | | 71-55-6 | N.D. | 0.80 | 5.0 | 1 |
| 06886 | 1,1,2-Trichloroethar | ie | 79-00-5 | N.D. | 0.80 | 5.0 | 1 |
| 06886 | Trichloroethene | | 79-01-6 | N.D. | 1.0 | 5.0 | 1 |
| 06886 | Trichlorofluorometha | | 75-69-4 | N.D. | 2.0 | 5.0 | 1 |
| 06886 | 1,2,3-Trichloropropa | ine | 96-18-4 | N.D. | 1.0 | 5.0 | 1 |
| 06886 | Vinyl Chloride | | 75-01-4 | N.D. | 1.0 | 5.0 | 1 |
| The : | pH of the GC/MS volat | ile fraction | was pH = 7 at | the time of ana | lysis. | | |

General Sample Comments

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



Holly Berry

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Page 2 of 2

Lancaster Laboratories Sample No. WW 5647716 Group No. 1140753

NY

B-57 Water
BP Sanborn COC:

2040 Cory Dr - Sanborn, NY B-57

01163 GC/MS VOA Water Prep

Collected: 04/13/2009 11:35 by RCB Account Number: 12495

Submitted: 04/16/2009 09:15 Atlantic Richfield(Parsons-NY)

Reported: 04/27/2009 at 14:12 BP Corporation

Discard: 05/28/2009 501 WestLake Park Blvd

Houston TX 77079

SW-846 5030B

SAB57

Laboratory Chronicle CAT Analysis Name Method Trial# Batch# Analyst Dilution No. Date and Time Factor 06886 Appendix IX by 8260 - water SW-846 8260B 1 Y091091AA 04/19/2009 23:25 Holly Berry 00310 8260B water special scan SW-846 8260B 1 Y091091AA 04/19/2009 23:25 Holly Berry 1

1 Y091091AA

04/19/2009 23:25



As Received

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Page 1 of 3

Lancaster Laboratories Sample No. WW 5647717 Group No. 1140753

B-8 Water

BP Sanborn COC:

2040 Cory Dr - Sanborn, NY B-8

Collected: 04/13/2009 14:00 by RCB Account Number: 12495

Submitted: 04/16/2009 09:15 Atlantic Richfield(Parsons-NY)

Reported: 04/27/2009 at 14:12 BP Corporation

Discard: 05/28/2009 501 WestLake Park Blvd

Houston TX 77079

As Received

SAB8-

| CAT No. | Analysis Name | CAS Number | As Received Result | Method Detection Limit* | Limit of Quantitation | Dilution Factor |
|--------------|---|--------------------------|-----------------------|-------------------------|--------------------------|--------------------|
| SW-84 | 6 8260B GC/MS Vo | latiles | ug/l | ug/l | ug/l | |
| 00310 | Benzyl Chloride | 100-44-7 | N.D. | 100 | 500 | 100 |
| 00310 | Bromobenzene | 108-86-1 | N.D. | 100 | 500 | 100 |
| 06886 | Bromodichloromethane | 75-27-4 | N.D. | 100 | 500 | 100 |
| 06886 | Bromoform | 75-25-2 | N.D. | 100 | 500 | 100 |
| 06886 | Bromomethane | 74-83-9 | N.D. | 100 | 500 | 100 |
| 06886 | Carbon Tetrachloride | 56-23-5 | N.D. | 100 | 500 | 100 |
| 06886 | Chlorobenzene | 108-90-7 | N.D. | 80 | 500 | 100 |
| 06886 | Chloroethane | 75-00-3 | N.D. | 100 | 500 | 100 |
| 00310 | 2-Chloroethyl Vinyl Ether | 110-75-8 | N.D. | 200 | 1,000 | 100 |
| | 2-Chloroethyl vinyl ether may preserve this sample. | | | | | |
| 06886 | Chloroform | 67-66-3 | N.D. | 80 | 500 | 100 |
| 06886 | Chloromethane | 74-87-3 | N.D. | 100 | 500 | 100 |
| 06886 | Dibromochloromethane | 124-48-1 | N.D. | 100 | 500 | 100 |
| 06886 | Dibromomethane | 74-95-3 | N.D. | 100 | 500 | 100 |
| 00310 | 1,2-Dichlorobenzene | 95-50-1 | N.D. | 100 | 500 | 100 |
| 00310 | 1,3-Dichlorobenzene | 541-73-1 | N.D. | 100 | 500 | 100 |
| 00310 | 1,4-Dichlorobenzene | 106-46-7 | N.D. | 100 | 500 | 100 |
| 06886 | Dichlorodifluoromethane | 75-71-8 | N.D. | 200 | 500 | 100 |
| 06886 | 1,1-Dichloroethane | 75-34-3 | N.D. | 100 | 500 | 100 |
| 06886 | 1,2-Dichloroethane | 107-06-2 | N.D. | 100 | 500 | 100 |
| 06886 | 1,1-Dichloroethene | 75-35-4 | N.D. | 80 | 500 | 100 |
| 06886 | cis-1,2-Dichloroethene | 156-59-2 | 3,100 | 80 | 500 | 100 |
| 06886 | trans-1,2-Dichloroethene | 156-60-5 | N.D. | 80 | 500 | 100 |
| 06886 | 1,2-Dichloropropane | 78-87-5 | N.D. | 100 | 500 | 100 |
| 06886 | cis-1,3-Dichloropropene | 10061-01-5 | N.D. | 100 | 500 | 100 |
| 06886 | trans-1,3-Dichloropropene | 10061-02-6 | N.D. | 100 | 500 | 100 |
| 06886 | Methylene Chloride | 75-09-2 | N.D. | 200 | 500 | 100 |
| 06886 | 1,1,1,2-Tetrachloroethane | 630-20-6 | N.D. | 100 | 500 | 100 |
| 06886 | 1,1,2,2-Tetrachloroethane | 79-34-5 | N.D. | 100 | 500 | 100 |
| 06886 | Tetrachloroethene | 127-18-4 | N.D. | 80 | 500 | 100 |
| 06886 | 1,1,1-Trichloroethane | 71-55-6 | N.D. | 80 | 500 | 100 |
| 06886 | 1,1,2-Trichloroethane | 79-00-5 | N.D. | 80 | 500 | 100 |
| 06886 | Trichloroethene | 79-01-6 | 61,000 | 1,000 | 5,000 | 1000 |
| 06886 | Trichlorofluoromethane | 75-69-4 | N.D. | 200 | 500 | 100 |
| 06886 | 1,2,3-Trichloropropane | 96-18-4 | N.D. 120 J | 100 | 500 | 100 |
| 06886 The | Vinyl Chloride pH of the GC/MS volatile fraction | 75-01-4 on was pH = 7 at | | 100 alysis. | 500 | 100 |
| סעיפ∧י | P-175 08/11/94 GC Misce | llaneoug | ug/l | ug/l | ug/l | |
| modif: | • • | TTalleous | -3/ - | ~3, * | ~g/ ± | |
| 07105 | Ethane | 74-84-0 | 49 | 1.0 | 5.0 | 1 |
| 07105 | Ethene | 74-85-1 | 13 | 1.0 | 5.0 | 1 |
| 07105 | Methane | 74-82-8 | 1,100 | 25 | 75 | 5 |
| | | | , | | | |
| | 6 6010B Metals | | mg/l | mg/l | mg/l | |
| 01754 | Iron | 7439-89-6 | 5.22 | 0.0522 | 0.200 | 1 |

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



As Received

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Page 2 of 3

Lancaster Laboratories Sample No. WW 5647717 G

Group No. 1140753

As Received

NY

B-8 Water

BP Sanborn COC:

2040 Cory Dr - Sanborn, NY B-8

Collected: 04/13/2009 14:00 by RCB Account Number: 12495

Submitted: 04/16/2009 09:15 Atlantic Richfield(Parsons-NY)

Reported: 04/27/2009 at 14:12 BP Corporation

Discard: 05/28/2009 501 WestLake Park Blvd

Houston TX 77079

SAB8-

| CAT No. | Analysis Name | | CAS Number | As Rece Result | ived | Method Detection Limit* | Limit of Quantitation | Dilution Factor |
|------------|---|-------------|--------------|-------------------|--------|-------------------------|--------------------------|--------------------|
| SW-846 | 6010B | Metals | | mg/l | | mg/l | mg/l | |
| 07058 | Manganese | | 7439-96-5 | 0.252 | | 0.00084 | 0.0050 | 1 |
| EPA 30 | 00.0 | Wet Chemist | ry | mg/l | | mg/l | mg/l | |
| 00224 | Chloride | | 16887-00-6 | 392 | | 40.0 | 80.0 | 200 |
| 00368 | Nitrate Nitrogen | | 14797-55-8 | N.D. | | 0.25 | 0.50 | 5 |
| | The holding time was outside of the holdi | | e sample was | submitted | to the | laboratory | | |
| 01506 | Nitrite Nitrogen | | 14797-65-0 | N.D. | | 0.40 | 0.50 | 5 |
| | The holding time was outside of the holdi | | e sample was | submitted | to the | laboratory | | |
| 00228 | Sulfate | | 14808-79-8 | 125 | | 6.0 | 20.0 | 20 |
| EPA 41 | L5.1 modified | Wet Chemist | cry | mg/l | | mg/l | mg/l | |
| 07547 | Dissolved Organic Ca | rbon | n.a. | 2.3 | | 0.50 | 1.0 | 1 |
| EPA 41 | 10.4 | Wet Chemist | ry | mg/l | | mg/l | mg/l | |
| 04001 | Chemical Oxygen Dema | nd | n.a. | 38.1 | J | 12.8 | 50.0 | 1 |
| SM20 5 | 5210 B | Wet Chemist | ry | mg/l | | mg/l | mg/l | |
| 00235 | Biochemical Oxygen D | emand | n.a. | N.D. | | 2.8 | 2.8 | 1 |
| | The holding time was outside of the 48-ho | | | submitted | to the | laboratory | | |

General Sample Comments

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

| | Laboratory Chronicle | | | | | | | | | | | |
|------------|-----------------------------|------------------|---------------|--------------|-------------------------|-------|------------------|--------------------|--|--|--|--|
| CAT No. | Analysis Name | Method | Trial# Batch# | | Analysis Date and Ti | me | Analyst | Dilution Factor | | | | |
| 06886 | Appendix IX by 8260 - water | SW-846 8260B | 1 | Y091091AA | 04/20/2009 | 03:57 | Holly Berry | 100 | | | | |
| 06886 | Appendix IX by 8260 - water | SW-846 8260B | 1 | Y091091AA | 04/20/2009 | 04:17 | Holly Berry | 1000 | | | | |
| 00310 | 8260B water special scan | SW-846 8260B | 1 | Y091091AA | 04/20/2009 | 03:57 | Holly Berry | 100 | | | | |
| 01163 | GC/MS VOA Water Prep | SW-846 5030B | 1 | Y091091AA | 04/20/2009 | 03:57 | Holly Berry | 100 | | | | |
| 01163 | GC/MS VOA Water Prep | SW-846 5030B | 2 | Y091091AA | 04/20/2009 | 04:17 | Holly Berry | 1000 | | | | |
| 07105 | Volatile Headspace | RSKSOP-175 | 1 | 091100006A | 04/22/2009 | 14:01 | Dustin A | 1 | | | | |
| | Hydrocarbon | 08/11/94 modifie | d | | | | Underkoffler | | | | | |
| 07105 | Volatile Headspace | RSKSOP-175 | 1 | 091100006A | 04/23/2009 | 08:27 | Dustin A | 5 | | | | |
| | Hydrocarbon | 08/11/94 modifie | d | | | | Underkoffler | | | | | |
| 01754 | Iron | SW-846 6010B | 1 | 091101848005 | 04/22/2009 | 02:14 | John W Yanzuk II | 1 | | | | |
| 07058 | Manganese | SW-846 6010B | 1 | 091101848005 | 04/22/2009 | 02:14 | John W Yanzuk II | 1 | | | | |



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Page 3 of 3

Lancaster Laboratories Sample No. WW 5647717 Group No. 1140753

B-8 Water

BP Sanborn COC:

2040 Cory Dr - Sanborn, NY B-8

by RCB Account Number: 12495 Collected: 04/13/2009 14:00

Submitted: 04/16/2009 09:15 Atlantic Richfield(Parsons-NY)

Reported: 04/27/2009 at 14:12 BP Corporation

501 WestLake Park Blvd Discard: 05/28/2009

Houston TX 77079

SAB8-

Laboratory Chronicle

| CAT No. 01848 | Analysis Name WW SW846 ICP Digest (tot rec) | Method SW-846 3005A | Trial# | Batch# 091101848005 | Analysis Date and Time 04/21/2009 09:20 | Analyst Denise K Conners | Dilution Factor |
|---------------------|---|--------------------------|--------|------------------------------|---|--------------------------|--------------------|
| 00224 | Chloride | EPA 300.0 | 1 | 09106196602A | 04/22/2009 06:49 | Ashley M Heckman | 200 |
| 00368 | Nitrate Nitrogen | EPA 300.0 | 1 | 09106196602A | 04/17/2009 17:03 | Nicole M Kepley | 5 |
| 01506 | Nitrite Nitrogen | EPA 300.0 | 1 | 09106196602A | 04/16/2009 22:31 | Ashley M Heckman | 5 |
| 00228 | Sulfate | EPA 300.0 | 1 | 09106196602A | 04/22/2009 06:18 | Ashley M Heckman | 20 |
| 07547 | Dissolved Organic Carbon | EPA 415.1 modifi | ed 1 | 09111049501A | 04/21/2009 05:17 | James S Mathiot | 1 |
| 04001 00235 | Chemical Oxygen Demand Biochemical Oxygen Demand | EPA 410.4 SM20 5210 B | 1 1 | 09110400102A 09107023501A | 04/20/2009 08:35 04/17/2009 06:58 | | 1 1 |



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Page 1 of 2

Lancaster Laboratories Sample No. WW 5647718

Group No. 1140753

PW-3 Water

BP Sanborn COC:

2040 Cory Dr - Sanborn, NY PW-3

Account Number: 12495 Collected: 04/13/2009 14:45 by RCB

Submitted: 04/16/2009 09:15 Atlantic Richfield(Parsons-NY)

Reported: 04/27/2009 at 14:12 BP Corporation

501 WestLake Park Blvd Discard: 05/28/2009

Houston TX 77079

SAPW3

| CAT No. | Analysis Name | | CAS Number | As Received Result | As Received Method Detection Limit* | As Received Limit of Quantitation | Dilution Factor |
|------------|---|--------------|-------------------|-----------------------|---|---|--------------------|
| SW-84 | 6 8260B | GC/MS Vol | atiles | ug/l | ug/l | ug/l | |
| 00310 | Benzyl Chloride | | 100-44-7 | N.D. | 5.0 | 25 | 5 |
| 00310 | Bromobenzene | | 108-86-1 | N.D. | 5.0 | 25 | 5 |
| 06886 | Bromodichloromethan | ıe | 75-27-4 | N.D. | 5.0 | 25 | 5 |
| 06886 | Bromoform | | 75-25-2 | N.D. | 5.0 | 25 | 5 |
| 06886 | Bromomethane | | 74-83-9 | N.D. | 5.0 | 25 | 5 |
| 06886 | Carbon Tetrachlorid | le | 56-23-5 | N.D. | 5.0 | 25 | 5 |
| 06886 | Chlorobenzene | | 108-90-7 | N.D. | 4.0 | 25 | 5 |
| 06886 | Chloroethane | | 75-00-3 | N.D. | 5.0 | 25 | 5 |
| 00310 | 2-Chloroethyl Vinyl | Ether | 110-75-8 | N.D. | 10 | 50 | 5 |
| | 2-Chloroethyl vinyl preserve this sampl | | ot be recovered | if acid was us | ed to | | |
| 06886 | Chloroform | | 67-66-3 | N.D. | 4.0 | 25 | 5 |
| 06886 | Chloromethane | | 74-87-3 | N.D. | 5.0 | 25 | 5 |
| 06886 | Dibromochloromethan | ıe | 124-48-1 | N.D. | 5.0 | 25 | 5 |
| 06886 | Dibromomethane | | 74-95-3 | N.D. | 5.0 | 25 | 5 |
| 00310 | 1,2-Dichlorobenzene | | 95-50-1 | N.D. | 5.0 | 25 | 5 |
| 00310 | 1,3-Dichlorobenzene | | 541-73-1 | N.D. | 5.0 | 25 | 5 |
| 00310 | 1,4-Dichlorobenzene | | 106-46-7 | N.D. | 5.0 | 25 | 5 |
| 06886 | Dichlorodifluoromet | hane | 75-71-8 | N.D. | 10 | 25 | 5 |
| 06886 | 1,1-Dichloroethane | | 75-34-3 | N.D. | 5.0 | 25 | 5 |
| 06886 | 1,2-Dichloroethane | | 107-06-2 | N.D. | 5.0 | 25 | 5 |
| 06886 | 1,1-Dichloroethene | | 75-35-4 | 4.5 J | 4.0 | 25 | 5 |
| 06886 | cis-1,2-Dichloroeth | | 156-59-2 | 730 | 4.0 | 25 | 5 |
| 06886 | trans-1,2-Dichloroe | | 156-60-5 | N.D. | 4.0 | 25 | 5 |
| 06886 | 1,2-Dichloropropane | | 78-87-5 | N.D. | 5.0 | 25 | 5 |
| 06886 | cis-1,3-Dichloropro | | 10061-01-5 | N.D. | 5.0 | 25 | 5 |
| 06886 | trans-1,3-Dichlorop | ropene | 10061-02-6 | N.D. | 5.0 | 25 | 5 |
| 06886 | Methylene Chloride | | 75-09-2 | N.D. | 10 | 25 | 5 |
| 06886 | 1,1,1,2-Tetrachloro | | 630-20-6 | N.D. | 5.0 | 25 | 5 |
| 06886 | 1,1,2,2-Tetrachloro | ethane | 79-34-5 | N.D. | 5.0 | 25 | 5 |
| 06886 | Tetrachloroethene | | 127-18-4 | N.D. | 4.0 | 25 | 5 |
| 06886 | 1,1,1-Trichloroetha | | 71-55-6 | N.D. | 4.0 | 25 | 5 |
| | 1,1,2-Trichloroetha | ine | 79-00-5 | N.D. | 4.0 | 25 | 5 |
| 06886 | Trichloroethene | | 79-01-6 | 2,200 | 50 | 250 | 50 |
| 06886 | Trichlorofluorometh | | 75-69-4 | N.D. | 10 | 25 | 5 |
| 06886 | 1,2,3-Trichloroprop | ane | 96-18-4 | N.D. | 5.0 | 25 | 5 |
| | Vinyl Chloride | | 75-01-4 | 50 | 5.0 | 25 | 5 |
| The | pH of the GC/MS vola | tile fractio | n was $pH = 7$ at | the time of an | alysis. | | |

General Sample Comments

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



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Page 2 of 2

Lancaster Laboratories Sample No. WW 5647718

Group No. 1140753

NY

PW-3 Water
BP Sanborn COC:

2040 Cory Dr - Sanborn, NY PW-3

Collected: 04/13/2009 14:45 by RCB Account Number: 12495

Submitted: 04/16/2009 09:15 Atlantic Richfield(Parsons-NY)

Reported: 04/27/2009 at 14:12 BP Corporation

Discard: 05/28/2009 501 WestLake Park Blvd

Houston TX 77079

SAPW3

| Laboratory Chronicle | | | | | | | | | | |
|----------------------|-----------------------------|--------------|--------|-----------|---------------------------|-------------|--------------------|--|--|--|
| CAT No. | Analysis Name | Method | Trial# | Batch# | Analysis Date and Time | Analyst | Dilution Factor | | | |
| 06886 | Appendix IX by 8260 - water | SW-846 8260B | 1 | Y091091AA | 04/20/2009 03:15 | Holly Berry | 5 | | | |
| 06886 | Appendix IX by 8260 - water | SW-846 8260B | 1 | Y091091AA | 04/20/2009 03:36 | Holly Berry | 50 | | | |
| 00310 | 8260B water special scan | SW-846 8260B | 1 | Y091091AA | 04/20/2009 03:15 | Holly Berry | 5 | | | |
| 01163 | GC/MS VOA Water Prep | SW-846 5030B | 1 | Y091091AA | 04/20/2009 03:15 | Holly Berry | 5 | | | |
| 01163 | GC/MS VOA Water Prep | SW-846 5030B | 2 | Y091091AA | 04/20/2009 03:36 | Holly Berry | 50 | | | |



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Page 1 of 4

Quality Control Summary

Client Name: Atlantic Richfield (Parsons-NY) Group Number: 1140753

Reported: 04/27/09 at 02:12 PM

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

Laboratory Compliance Quality Control

| Analysis Name | Blank <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: Y091091AA | Sample numi | ber(s): 56 | 47710-564 | 7718 | | | | | |
| Benzyl Chloride | N.D. | 1.0 | 5.0 | uq/l | 89 | | 65-118 | | |
| Bromobenzene | N.D. | 1.0 | 5.0 | ug/l | 98 | | 83-109 | | |
| Bromodichloromethane | N.D. | 1.0 | 5.0 | uq/l | 103 | | 79-118 | | |
| Bromoform | N.D. | 1.0 | 5.0 | uq/l | 104 | | 67-112 | | |
| Bromomethane | N.D. | 1.0 | 5.0 | uq/l | 101 | | 45-126 | | |
| Carbon Tetrachloride | N.D. | 1.0 | 5.0 | ug/l | 109 | | 75-123 | | |
| Chlorobenzene | N.D. | 0.80 | 5.0 | ug/l | 103 | | 82-111 | | |
| Chloroethane | N.D. | 1.0 | 5.0 | ug/l | 99 | | 55-119 | | |
| 2-Chloroethyl Vinyl Ether | N.D. | 2.0 | 10 | ug/l | 92 | | 39-151 | | |
| Chloroform | N.D. | 0.80 | 5.0 | ug/l | 102 | | 77-122 | | |
| Chloromethane | N.D. | 1.0 | 5.0 | ug/l | 96 | | 65-134 | | |
| Dibromochloromethane | N.D. | 1.0 | 5.0 | ug/l | 102 | | 78-113 | | |
| Dibromomethane | N.D. | 1.0 | 5.0 | ug/l | 100 | | 84-115 | | |
| 1,2-Dichlorobenzene | N.D. | 1.0 | 5.0 | ug/l | 98 | | 85-107 | | |
| 1,3-Dichlorobenzene | N.D. | 1.0 | 5.0 | ug/l | 101 | | 82-110 | | |
| 1,4-Dichlorobenzene | N.D. | 1.0 | 5.0 | ug/l | 100 | | 85-107 | | |
| Dichlorodifluoromethane | N.D. | 2.0 | 5.0 | ug/l | 106 | | 55-152 | | |
| 1,1-Dichloroethane | N.D. | 1.0 | 5.0 | ug/l | 100 | | 79-120 | | |
| 1,2-Dichloroethane | N.D. | 1.0 | 5.0 | ug/l | 100 | | 70-130 | | |
| 1,1-Dichloroethene | N.D. | 0.80 | 5.0 | ug/l | 107 | | 77-119 | | |
| cis-1,2-Dichloroethene | N.D. | 0.80 | 5.0 | ug/l | 103 | | 85-115 | | |
| trans-1,2-Dichloroethene | N.D. | 0.80 | 5.0 | ug/l | 104 | | 83-116 | | |
| 1,2-Dichloropropane | N.D. | 1.0 | 5.0 | ug/l | 97 | | 79-114 | | |
| cis-1,3-Dichloropropene | N.D. | 1.0 | 5.0 | ug/l | 100 | | 82-113 | | |
| trans-1,3-Dichloropropene | N.D. | 1.0 | 5.0 | ug/l | 97 | | 77-116 | | |
| Methylene Chloride | N.D. | 2.0 | 5.0 | ug/l | 104 | | 81-116 | | |
| 1,1,1,2-Tetrachloroethane | N.D. | 1.0 | 5.0 | ug/l | 98 | | 81-113 | | |
| 1,1,2,2-Tetrachloroethane | N.D. | 1.0 | 5.0 | ug/l | 95 | | 71-117 | | |
| Tetrachloroethene | N.D. | 0.80 | 5.0 | ug/l | 106 | | 79-115 | | |
| 1,1,1-Trichloroethane | N.D. | 0.80 | 5.0 | ug/l | 106 | | 81-137 | | |
| 1,1,2-Trichloroethane | N.D. | 0.80 | 5.0 | ug/l | 103 | | 83-113 | | |
| Trichloroethene | N.D. | 1.0 | 5.0 | ug/l | 103 | | 85-114 | | |
| Trichlorofluoromethane | N.D. | 2.0 | 5.0 | ug/l | 103 | | 64-129 | | |
| 1,2,3-Trichloropropane | N.D. | 1.0 | 5.0 | ug/l | 98 | | 79-116 | | |
| Vinyl Chloride | N.D. | 1.0 | 5.0 | ug/l | 82 | | 63-129 | | |
| Batch number: 091100006A | Sample numi | | | | | | | | |
| Ethane | N.D. | 1.0 | 5.0 | ug/l | 105 | | 80-120 | | |
| Ethene | N.D. | 1.0 | 5.0 | ug/l | 105 | | 80-120 | | |
| Methane | N.D. | 5.0 | 15 | ug/l | 102 | | 80-120 | | |
| Batch number: 091101848005 | Sample num | | | | | | | | |
| Iron | N.D. | 0.0522 | 0.200 | mg/l | 101 | | 90-112 | | |
| Manganese | N.D. | 0.00084 | 0.0050 | mg/l | 104 | | 90-110 | | |
| Batch number: 09106196602A | Sample num | ber(s): 56 | 47710,564 | 7717 | | | | | |

*- 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 4

Quality Control Summary

Client Name: Atlantic Richfield (Parsons-NY) Group Number: 1140753

Reported: 04/27/09 at 02:12 PM

Laboratory Compliance Quality Control

| Analysis Name Chloride Nitrate Nitrogen Nitrite Nitrogen Sulfate | Blank Result N.D. N.D. N.D. N.D. | Blank MDL** 0.20 0.050 0.080 0.30 | Blank <u>LOO</u> 0.40 0.10 0.10 1.0 | Report Units mg/l mg/l mg/l mg/l | LCS %REC 96 100 101 101 | LCSD <u>%REC</u> | LCS/LCSD Limits 90-110 90-110 90-110 89-110 | <u>RPD</u> | RPD Max |
|--|---|--|--|----------------------------------|--|---------------------|--|------------|---------|
| Batch number: 09111049501A Dissolved Organic Carbon | Sample num N.D. | ber(s): 50 0.50 | 647710,564 1.0 | 17717 mg/l | 99 | | 93-112 | | |
| Batch number: 09107023501A Biochemical Oxygen Demand | Sample num | ber(s): 5 | 647710,564 | 17717 | 97 | 97 | 85-115 | 0 | 8 |
| Batch number: 09110400102A Chemical Oxygen Demand | Sample num | ber(s): 5 | 647710,564 | 47717 | 99 | | 94-110 | | |

| Analysis Name | MS %REC | MSD %REC | MS/MSD <u>Limits</u> | RPD | RPD <u>MAX</u> | BKG Conc | DUP Conc | DUP <u>RPD</u> | Dup RPD <u>Max</u> |
|---------------------------|------------|-------------|-------------------------|--------|-------------------|-------------|-------------|-------------------|-----------------------|
| Batch number: Y091091AA | Sample | number(s) | : 5647710 | -56477 | 18 UNSF | K: 5647712 | | | |
| Benzyl Chloride | 92 | 93 | 62-120 | 1 | 30 | | | | |
| Bromobenzene | 105 | 104 | 82-115 | 0 | 30 | | | | |
| Bromodichloromethane | 108 | 109 | 78-125 | 1 | 30 | | | | |
| Bromoform | 106 | 106 | 62-113 | 0 | 30 | | | | |
| Bromomethane | 111 | 114 | 48-136 | 3 | 30 | | | | |
| Carbon Tetrachloride | 119 | 119 | 81-138 | 0 | 30 | | | | |
| Chlorobenzene | 108 | 108 | 86-118 | 0 | 30 | | | | |
| Chloroethane | 107 | 109 | 58-134 | 2 | 30 | | | | |
| 2-Chloroethyl Vinyl Ether | 96 | 98 | 10-151 | 2 | 30 | | | | |
| Chloroform | 109 | 109 | 81-134 | 0 | 30 | | | | |
| Chloromethane | 103 | 104 | 67-154 | 1 | 30 | | | | |
| Dibromochloromethane | 106 | 108 | 74-116 | 2 | 30 | | | | |
| Dibromomethane | 105 | 103 | 83-119 | 2 | 30 | | | | |
| 1,2-Dichlorobenzene | 104 | 103 | 83-113 | 1 | 30 | | | | |
| 1,3-Dichlorobenzene | 106 | 105 | 82-115 | 1 | 30 | | | | |
| 1,4-Dichlorobenzene | 106 | 105 | 83-113 | 1 | 30 | | | | |
| Dichlorodifluoromethane | 121 | 124 | 63-187 | 3 | 30 | | | | |
| 1,1-Dichloroethane | 110 | 111 | 84-129 | 1 | 30 | | | | |
| 1,2-Dichloroethane | 104 | 107 | 66-141 | 2 | 30 | | | | |
| 1,1-Dichloroethene | 119 | 122 | 87-134 | 3 | 30 | | | | |
| cis-1,2-Dichloroethene | 95 | 104 | 85-125 | 5 | 30 | | | | |
| trans-1,2-Dichloroethene | 119 | 121 | 87-126 | 2 | 30 | | | | |
| 1,2-Dichloropropane | 104 | 105 | 83-124 | 1 | 30 | | | | |
| cis-1,3-Dichloropropene | 105 | 103 | 77-117 | 2 | 30 | | | | |
| trans-1,3-Dichloropropene | 100 | 100 | 74-119 | 1 | 30 | | | | |
| Methylene Chloride | 107 | 109 | 79-120 | 2 | 30 | | | | |
| 1,1,1,2-Tetrachloroethane | 105 | 105 | 82-119 | 1 | 30 | | | | |
| 1,1,2,2-Tetrachloroethane | 97 | 98 | 73-119 | 2 | 30 | | | | |
| Tetrachloroethene | 119 | 117 | 80-128 | 1 | 30 | | | | |
| 1,1,1-Trichloroethane | 121 | 122 | 85-151 | 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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Quality Control Summary

Client Name: Atlantic Richfield (Parsons-NY) Group Number: 1140753

Reported: 04/27/09 at 02:12 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

| No. 2 and a Warra | MS | MSD | MS/MSD | | RPD | BKG | DUP | DUP | Dup RPD |
|----------------------------|-------------|-----------|---------------|------------|---------|-------------|--------------|----------|------------|
| Analysis Name | <u>%REC</u> | %REC | <u>Limits</u> | <u>RPD</u> | MAX | Conc | Conc | RPD | <u>Max</u> |
| 1,1,2-Trichloroethane | 106 | 106 | 77-124 | 0 | 30 | | | | |
| Trichloroethene | 49* | 75* | 88-125 | / | 30 | | | | |
| Trichlorofluoromethane | 115 | 120 | 73-152 | 4 | 30 | | | | |
| 1,2,3-Trichloropropane | 101 | 101 | 76-118 | 1 | 30 | | | | |
| Vinyl Chloride | 95 | 97 | 65-147 | 3 | 30 | | | | |
| Batch number: 091100006A | Sample | number(s) | : 5647710 | ,56477 | 17 UNSE | PK: P646321 | | | |
| Ethane | 69 | 81 | 68-131 | 16 | 20 | | | | |
| Ethene | 75 | 85 | 46-164 | 12 | 20 | | | | |
| Methane | 73 | 83 | 35-157 | 13 | 20 | | | | |
| Batch number: 091101848005 | Sample | number(s) | : 5647710 | .56477 | 17 UNSE | PK: P649169 | BKG: P649169 | 9 | |
| Iron | 98 | 97 | 75-125 | 1 | 20 | 0.166 J | 0.156 J | 6 (1) | 20 |
| Manganese | 103 | 103 | 75-125 | 0 | 20 | 0.0152 | 0.0154 | 1 (1) | 20 |
| Hanganese | 103 | 103 | ,3 123 | J | 20 | 0.0132 | 0.0131 | 1 (1) | 20 |
| Batch number: 09106196602A | Sample | number(s) | : 5647710 | ,56477 | 17 UNSI | PK: 5647710 | BKG: 5647710 |) | |
| Chloride | 113* | | 90-110 | | | 79.3 | 80.0 | 1 | 20 |
| Nitrate Nitrogen | 106 | | 90-110 | | | N.D. | N.D. | 0 (1) | 20 |
| Nitrite Nitrogen | 92 | | 90-110 | | | N.D. | N.D. | 0 (1) | 20 |
| Sulfate | 112* | | 90-110 | | | 249 | 251 | 1 | 20 |
| | | | | | | | | | |
| Batch number: 09111049501A | Sample | number(s) | : 5647710 | ,56477 | 17 UNSI | PK: P646767 | BKG: P646767 | 7 | |
| Dissolved Organic Carbon | 87 | | 66-125 | | | 1.6 | 1.5 | 6* (1) | 2 |
| _ | | | | | | | | | |
| Batch number: 09107023501A | Sample | number(s) | : 5647710 | ,56477 | 17 UNSI | PK: P647928 | BKG: P648463 | 3 | |
| Biochemical Oxygen Demand | 102 | 105 | 77-142 | 2 | 8 | 215 | 169 | 24* | 14 |
| | | | | | | | | | |
| Batch number: 09110400102A | | number(s) | : 5647710 | ,56477 | 17 UNSI | PK: 5647710 | BKG: 5647710 |) | |
| Chemical Oxygen Demand | 95 | | 90-110 | | | N.D. | 13.0 J | 200* (1) | 5 |

Surrogate Quality Control

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

Analysis Name: Volatile Headspace Hydrocarbon

Batch number: 091100006A Propene

| 5647710 | 76 |
|---------|-----|
| 5647717 | 72 |
| Blank | 121 |
| LCS | 115 |
| MS | 75 |
| MSD | 82 |
| | |

Limits: 42-131

Analysis Name: Appendix IX by 8260 - water

Batch number: Y091091AA

*- 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.

Page 3 of 4



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Page 4 of 4

Quality Control Summary

Client Name: Atlantic Richfield(Parsons-NY) Group Number: 1140753

Reported: 04/27/09 at 02:12 PM

Surrogate Quality Control

| | Dibromofluoromethane | 1,2-Dichloroethane-d4 | Toluene-d8 | 4-Bromofluorobenzene |
|---------|----------------------|-----------------------|------------|----------------------|
| 5647710 | 96 | 96 | 92 | 87 |
| 5647711 | 96 | 95 | 92 | 87 |
| 5647712 | 96 | 95 | 91 | 86 |
| 5647713 | 95 | 95 | 91 | 89 |
| 5647714 | 95 | 96 | 92 | 89 |
| 5647715 | 96 | 96 | 90 | 86 |
| 5647716 | 96 | 94 | 91 | 86 |
| 5647717 | 95 | 96 | 91 | 84 |
| 5647718 | 96 | 94 | 90 | 85 |
| Blank | 97 | 93 | 90 | 87 |
| LCS | 95 | 93 | 93 | 89 |
| MS | 95 | 95 | 91 | 89 |
| MSD | 95 | 96 | 92 | 89 |
| Limits: | 80-116 | 77-113 | 80-113 | 78-113 |

^{*-} Outside of specification

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

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

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



Project Name: BP Sanborn LLI Group #: 1140753

General Comments:

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

See the Laboratory Chronicle section of the Analysis Report for the method references.

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

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

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

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

Analysis Specific Comments:

06886: Appendix IX by 8260 - water

Batch #: Y091091AA (Sample number(s): 5647710-5647718 UNSPK: 5647712)

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

Sample #s: 5647710, 5647711, 5647712, 5647713, 5647714, 5647715, 5647716, 5647717, 5647718

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

00224: Chloride

Batch #: 09106196602A (Sample number(s): 5647710, 5647717 UNSPK: P647561, P5647710

BKG: P647561, P5647710)

The recovery for the above analytes in the MS was outside the acceptance window.

00368: Nitrate Nitrogen

Sample #s: 5647710, 5647717

The holding time was not met. The sample was submitted to the laboratory outside of the holding time.

01506: Nitrite Nitrogen Sample #s: 5647710, 5647717

The holding time was not met. The sample was submitted to the laboratory outside of the holding time.

00228: Sulfate

Batch #: 09106196602A (Sample number(s): 5647710, 5647717 UNSPK: P647561, P5647710

The recovery for the above analytes in the MS was outside the acceptance window.

01506: Nitrite Nitrogen Sample #s: 5647710, 5647717

The holding time was not met. The sample was submitted to the laboratory outside of the holding time.

07547: Dissolved Organic Carbon

Batch #: 09111049501A (Sample number(s): 5647710, 5647717 UNSPK: P646767 BKG: P646767)

The duplicate RPD for the above analyte exceeded the acceptance window.

04001: Chemical Oxygen Demand

Batch #: 09110400102A (Sample number(s): 5647710, 5647717 UNSPK: 5647710 BKG: 5647710)

The duplicate RPD for the above analyte exceeded the acceptance window.

00235: Biochemical Oxygen Demand

<u>Batch #: 09107023501A (Sample number(s): 5647710, 5647717 UNSPK: P647928 BKG: P648463)</u>
The duplicate RPD for the above analyte exceeded the acceptance window.

Sample #s: 5647710, 5647717

The holding time was not met. The sample was submitted to the laboratory outside of the 48-hour holding time.

Atlantic Acc+ 12495 Gr0#H041140753 Sample #5647710-19
Laboratory Marlagement Program LaMP Chain of Custody Record BP/ARC Project Name: BP,Santacn Req Due Date (mm/dd/yy): Rush TAT: Yes No company **BP/ARC Facility No:** Lab Work Order Number: O A BP affiliated company 2040 Cory Drive ab Name: Lancaster Labs BP/ARC Facility Address: Consultant/Contractor: **Parsons** Sanborn, NY 14132 .ab Address: 2125 New Holland Pike Lancocker PA 17601 City, State, ZIP Code: Consultant/Contractor Project No: 445032 NYSDEC ab PM: Jessica Oknefski Lead Regulatory Agency: Address: 40 La Riviere D. Suta 350 Buffalo. M 14702 ab Phone: (717)656-2300 <1815 California Giobal ID No.: Consultant/Contractor PM: George Hermance Enfos Proposal No: OOOIW-0014 ab Shipping Acent: 716 407-4990 Provision 6 OOC-BU OOC-RM ab Bottle Order No: 74256 Accounting Mode: Email EDD To: Lorraine Weber Other Info: Activity: 31 Stage: 50 BP/ARC X Invoice To: Contractor _ BP/ARC EBM: William Barber Matrix No. Containers / Preservative Requested Analyses Report Type & QC Level EBM Phone: 216 271-8038 Standard _____ EBM Email: Barberub @ BP. com Full Data Package ...

| Lab No. | Sample Description | Da | ate | Time | Soil / Solid | Water / Liquid | Air / Vapor | | Total Number of Cont | Unpreserved | H ₂ SO₄ | HNO3 | HCI | Methanol | 9778 | 8015 B/RSV 502- | Doc 415.1 | 800 SZ6B | · * I | -3 | | 1 | | | NOO NOO PAS Repayling par Con Note: If sample not of Sample" in commen and initial any preprin | nments collected, indica is and single-si | ite "No rike out | |
|------------|------------------------------|------|-----|------|--------------|----------------|-------------|-------|----------------------|-------------|--------------------|--------|------|----------|------|-----------------|-----------|----------|-------|----|-----|----------|--------|------|---|---|---------------------|---|
| | B-23 | 4/13 | 109 | 0930 | | χ | | | 11 | X | × | X | X | | 3 | 2 | 1 | 1 | f | * | 2 | | | | high | | |] |
| | B-24 | | | 1210 | | X | | | 3 | X | | | | | 3 | | | | | | | | | | low | | | |
| | B-56 | | | 1125 | | \times | | | 3 | K | | | | | 3 | | | - | • | | | | | | med | | |] |
| | B-56 MS | | | 1125 | | \times | | | 3 | \prec | | | | | 3 | | | | | | | | | | | | | ŀ |
| | B-56-MSD | | | 1125 | | X | | | 3 | X | | | | | 3 | | | | | | | | | | | | | |
| | Field Duptl | | | | | \times | | | 3 | X | | | | | 3 | | | | | | | | | | | | |] |
| | B-57 | | | 1135 | | X | | | 3 | × | | | | | 3 | } | | | | | | | | | Low | | |] |
| | B-8 | | | 1400 | | X | | | 11 | X | X | X | X | | 3 | 2 | 1 | | | 1 | 2 | | | | high | | | |
| | PW-3 | | | 1445 | | X | | | 3 | Ľ, | | | | | 3 | | | | | | | | | | high | 199 | |] |
| . 1 | | | | | | , , , | | | | | <u> </u> | | | | | | | | | | | | | | | | | Ţ |
| Sample | er's Name: Richard C: Becken | 1 | | | } | , | R | telin | quis | hed I | 3y / A | ffilia | tion | | Da | ite | Tin | ne | | | Acc | epte | d By / | Affi | iation | Date | Time | ľ |

Special Instructions: THIS LINE - LAB USE ONLY: Custody Seals in Place: Vest/ No

Shipment Tracking No:

Shipment Method: Fed Ex

Sampler's Company:

O&M Enterprises, Inc.

Ship tate: 4/13/09

Temp Blank: Vas / No

Conter Tempon Receipt: 35-411 RE

Trip Blank: (es) No

વીજીન્ય

MS/MSD Sample Submitted: S / No

4166 0916



Environmental Sample Administration Receipt Documentation Log

| Client/l | Project: | Parsons | 3 | Shipping | g Containe | er Sealed: 🌾 | S NO |
|-------------|-----------------|--|--|--|---------------------------------------|--------------------------------------|--------------|
| | F Receipt: | 4/16/0 | | | - | |)) |
| | f Receipt: | 091 | <u> </u> | Custoay | / Seal Pres | ent^: Y⊵ | Ś NO |
| | Code: | 50~ | | | seal was inta | ct unless otherwise | noted in the |
| | | 1 | | Package | • | Chitted | Not Chilled |
| Unpaci | ker Emp. No.: | : <u> </u> | 24 | | <u></u> | | 11.5 |
| | | | 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 | 000 | 4.1-6 | TB | ω1 | 7 | B | |
| 2 | | 3.6-6 | | | | | |
| 3 | 1 | 3.5° c | 1 | \downarrow | 1 | 1 | |
| 4 | | | | | | | |
| 5 | | | | | | | · . |
| 6 | | | | - | | | · . |
| Numbe | r of Trip Blank | s received <u>N</u> | OT listed on chain | of custody: 6 | (not lat | seled) | |
| | _ | | ing Problems: | | | | |
| | | · . — | | | , , , , , , , , , , , , , , , , , , , | 784 | |
| | · | | | , w. | | | |
| | | Sa | mple Administratio | n Internal Chain | of Custody | | |
| | Wame | | Date | Time | | Reason for T | ransfer |
| Jush | um Du | J | 4/16/09 | 1145 | Unpa | acking Lto S | torage |
| LK | visti ? | edjejle | 4-16-09 | | Place | | or Entry |
| | | Ü | | | Entry | | |

Entry

Lancaster Laboratories Explanation of Symbols and Abbreviations

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

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

- < less than The number following the sign is the <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 of gas per liter of gas.

Inorganic Qualifiers

- ppb parts per billion
- **Dry weight**Results printed under this heading have been adjusted for moisture content. This increases the analyte weight concentration to approximate the value present in a similar sample without moisture.

U.S. EPA data qualifiers:

| 9 | lifier | (uu | 9 | u | " 9 | • |
|---|--------|-----|---|-------|-----|---|

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

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

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

WARRANTY AND LIMITS OF LIABILITY – In accepting analytical work, we warrant the accuracy of test results for the sample as submitted. THE FOREGOING EXPRESS WARRANTY IS EXCLUSIVE AND IS GIVEN IN LIEU OF ALL OTHER WARRANTIES, EXPRESSED OR IMPLIED. WE DISCLAIM ANY OTHER WARRANTIES, EXPRESSED OR IMPLIED, INCLUDING A WARRANTY OF FITNESS FOR PARTICULAR PURPOSE AND WARRANTY OF MERCHANTABILITY. IN NO EVENT SHALL LANCASTER LABORATORIES BE LIABLE FOR INDIRECT, SPECIAL, CONSEQUENTIAL, OR INCIDENTAL DAMAGES INCLUDING, BUT NOT LIMITED TO, DAMAGES FOR LOSS OF PROFIT OR GOODWILL REGARDLESS OF (A) THE NEGLIGENCE (EITHER SOLE OR CONCURRENT) OF LANCASTER LABORATORIES AND (B) WHETHER LANCASTER LABORATORIES HAS BEEN INFORMED OF THE POSSIBILITY OF SUCH DAMAGES. We accept no legal responsibility for the purposes for which the client uses the test results. No purchase order or other order for work shall be accepted by Lancaster Laboratories which includes any conditions that vary from the Standard Terms and Conditions of Lancaster Laboratories and we hereby object to any conflicting terms contained in any acceptance or order submitted by client.



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ANALYTICAL RESULTS

Prepared for:

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

281-366-2000

Prepared by:

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

April 24, 2009

SAMPLE GROUP

The sample group for this submittal is 1140555. Samples arrived at the laboratory on Wednesday, April 15, 2009. The PO# for this group is 0001W-0014 and the release number is BARBER.

| Client Description | <u>Lancaster Labs Number</u> |
|----------------------------|------------------------------|
| B-48 Water | 5646767 |
| B-49 Water | 5646768 |
| B-19 Water | 5646769 |
| B-13 Water | 5646770 |
| P-4 Water | 5646771 |
| P-4 Matrix Spike Water | 5646772 |
| P-4 Matrix Spike Dup Water | 5646773 |

METHODOLOGY

The specific methodologies used in obtaining the enclosed analytical results are indicated on the Laboratory Chronicle.

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

1 COPY TO Data Package Group



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

Respectfully Submitted,

Parker Lindstrom Senior Chemist



As Received

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Page 1 of 3

Lancaster Laboratories Sample No. WW 5646767

Group No. 1140555

NY

B-48 Water

BP Sanborn COC:

2040 Cory Drive - Sanborn, NY B-48

Collected: 04/14/2009 09:40 by RCB Account Number: 12495

Submitted: 04/15/2009 09:10 Atlantic Richfield(Parsons-NY)

Reported: 04/24/2009 at 15:26 BP Corporation

Discard: 05/25/2009 501 WestLake Park Blvd

Houston TX 77079

As Received

CSB48

| CAT No. | Analysis Name | CAS Number | As Received Result | Method Detection Limit* | Limit of Quantitation | Dilution Factor |
|------------|---|------------------|-----------------------|-------------------------|--------------------------|--------------------|
| SW-84 | 6 8260B GC/MS Vo | latiles | ug/l | ug/l | ug/l | |
| 00310 | Benzyl Chloride | 100-44-7 | N.D. | 1.0 | 5.0 | 1 |
| 00310 | Bromobenzene | 108-86-1 | N.D. | 1.0 | 5.0 | 1 |
| 06886 | Bromodichloromethane | 75-27-4 | N.D. | 1.0 | 5.0 | 1 |
| 06886 | Bromoform | 75-25-2 | N.D. | 1.0 | 5.0 | 1 |
| 06886 | Bromomethane | 74-83-9 | N.D. | 1.0 | 5.0 | 1 |
| 06886 | Carbon Tetrachloride | 56-23-5 | N.D. | 1.0 | 5.0 | 1 |
| 06886 | Chlorobenzene | 108-90-7 | N.D. | 0.80 | 5.0 | 1 |
| 06886 | Chloroethane | 75-00-3 | N.D. | 1.0 | 5.0 | 1 |
| 00310 | 2-Chloroethyl Vinyl Ether | 110-75-8 | N.D. | 2.0 | 10 | 1 |
| | 2-Chloroethyl vinyl ether may preserve this sample. | | | | | |
| 06886 | Chloroform | 67-66-3 | N.D. | 0.80 | 5.0 | 1 |
| 06886 | Chloromethane | 74-87-3 | N.D. | 1.0 | 5.0 | 1 |
| 06886 | Dibromochloromethane | 124-48-1 | N.D. | 1.0 | 5.0 | 1 |
| 06886 | Dibromomethane | 74-95-3 | N.D. | 1.0 | 5.0 | 1 |
| 00310 | 1,2-Dichlorobenzene | 95-50-1 | N.D. | 1.0 | 5.0 | 1 |
| 00310 | 1,3-Dichlorobenzene | 541-73-1 | N.D. | 1.0 | 5.0 | 1 |
| 00310 | 1,4-Dichlorobenzene | 106-46-7 | N.D. | 1.0 | 5.0 | 1 |
| 06886 | Dichlorodifluoromethane | 75-71-8 | N.D. | 2.0 | 5.0 | 1 |
| 06886 | 1,1-Dichloroethane | 75-34-3 | N.D. | 1.0 | 5.0 | 1 |
| 06886 | 1,2-Dichloroethane | 107-06-2 | N.D. | 1.0 | 5.0 | 1 |
| 06886 | 1,1-Dichloroethene | 75-35-4 | N.D. | 0.80 | 5.0 | 1 |
| 06886 | cis-1,2-Dichloroethene | 156-59-2 | 1.0 J | 0.80 | 5.0 | 1 |
| 06886 | trans-1,2-Dichloroethene | 156-60-5 | N.D. | 0.80 | 5.0 | 1 |
| 06886 | 1,2-Dichloropropane | 78-87-5 | N.D. | 1.0 | 5.0 | 1 |
| 06886 | cis-1,3-Dichloropropene | 10061-01-5 | N.D. | 1.0 | 5.0 | 1 |
| 06886 | trans-1,3-Dichloropropene | 10061-02-6 | N.D. | 1.0 | 5.0 | 1 |
| 06886 | Methylene Chloride | 75-09-2 | N.D. | 2.0 | 5.0 | 1 |
| 06886 | 1,1,1,2-Tetrachloroethane | 630-20-6 | N.D. | 1.0 | 5.0 | 1 |
| 06886 | 1,1,2,2-Tetrachloroethane | 79-34-5 | N.D. | 1.0 | 5.0 | 1 |
| 06886 | Tetrachloroethene | 127-18-4 | N.D. | 0.80 | 5.0 | 1 |
| 06886 | 1,1,1-Trichloroethane | 71-55-6 | N.D. | 0.80 | 5.0 | 1 |
| 06886 | 1,1,2-Trichloroethane | 79-00-5 | N.D. | 0.80 | 5.0 | 1 |
| 06886 | Trichloroethene | 79-01-6 | 2.9 J | 1.0 | 5.0 | 1 |
| 06886 | Trichlorofluoromethane | 75-69-4 | N.D. | 2.0 | 5.0 | 1 |
| 06886 | 1,2,3-Trichloropropane | 96-18-4 | N.D. | 1.0 | 5.0 | 1 |
| 06886 | Vinyl Chloride | 75-01-4 | N.D. | 1.0 | 5.0 | 1 |
| The | pH of the GC/MS volatile fraction | on was pH = 7 at | the time of and | alysis. | | |
| RSKSO | P-175 08/11/94 GC Misce | llaneous | ug/l | ug/l | ug/l | |
| modif: | ied | | | | | |
| 07105 | Ethane | 74-84-0 | N.D. | 1.0 | 5.0 | 1 |
| 07105 | Ethene | 74-85-1 | N.D. | 1.0 | 5.0 | 1 |
| 07105 | Methane | 74-82-8 | 6.2 J | 5.0 | 15 | 1 |
| SW-84 | 6 6010B Metals | | mg/l | mg/l | mg/l | |
| 01754 | Iron | 7439-89-6 | N.D. | 0.0522 | 0.200 | 1 |

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



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Page 2 of 3

Lancaster Laboratories Sample No. WW 5646767

Group No. 1140555

NY

B-48 Water

BP Sanborn COC:

2040 Cory Drive - Sanborn, NY B-48

Collected: 04/14/2009 09:40 by RCB Account Number: 12495

Submitted: 04/15/2009 09:10 Atlantic Richfield(Parsons-NY)

Reported: 04/24/2009 at 15:26 BP Corporation

Discard: 05/25/2009 501 WestLake Park Blvd

Houston TX 77079

CSB48

| CAT No. | Analysis Name | | CAS Number | As Received Result | As Received Method Detection Limit* | As Received Limit of Quantitation | Dilution Factor |
|------------|---------------------|--------|------------|-----------------------|---|---|--------------------|
| SW-846 | 6010B | Meta | als | mg/l | mg/l | mg/l | |
| 07058 | Manganese | | 7439-96-5 | 0.0138 | 0.00084 | 0.0050 | 1 |
| EPA 30 | 0.0 | Wet | Chemistry | mg/l | mg/l | mg/l | |
| 00224 | Chloride | | 16887-00-6 | 74.6 | 4.0 | 8.0 | 20 |
| 00368 | Nitrate Nitrogen | | 14797-55-8 | 1.3 | 0.25 | 0.50 | 5 |
| 01506 | Nitrite Nitrogen | | 14797-65-0 | N.D. | 0.40 | 0.50 | 5 |
| 00228 | Sulfate | | 14808-79-8 | 132 | 15.0 | 50.0 | 50 |
| EPA 41 | L5.1 modified | Wet | Chemistry | mg/l | mg/l | mg/l | |
| 07547 | Dissolved Organic (| Carbon | n.a. | 1.6 | 0.50 | 1.0 | 1 |
| EPA 41 | LO.4 | Wet | Chemistry | mg/l | mg/l | mg/l | |
| 04001 | Chemical Oxygen Dem | nand | n.a. | N.D. | 12.8 | 50.0 | 1 |
| SM20 5 | 5210 B | Wet | Chemistry | mg/l | mg/l | mg/l | |
| 00235 | Biochemical Oxygen | Demand | n.a. | N.D. | 1.9 | 1.9 | 1 |

General Sample Comments

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

Laboratory Chronicle

| CAT No. | Analysis Name | Method | Trial# | Batch# | Analysis Date and Ti | me | Analyst | Dilution Factor |
|------------|-------------------------------|-------------------|--------|--------------|-------------------------|-------|------------------|--------------------|
| 06886 | Appendix IX by 8260 - water | SW-846 8260B | 1 | Y091061AA | 04/16/2009 | 15:28 | Nicholas R Rossi | 1 |
| 00310 | 8260B water special scan | SW-846 8260B | 1 | Y091061AA | 04/16/2009 | 15:28 | Nicholas R Rossi | 1 |
| 01163 | GC/MS VOA Water Prep | SW-846 5030B | 1 | Y091061AA | 04/16/2009 | 15:28 | Nicholas R Rossi | 1 |
| 07105 | Volatile Headspace | RSKSOP-175 | 1 | 091100006A | 04/22/2009 | 12:46 | Dustin A | 1 |
| | Hydrocarbon | 08/11/94 modified | i | | | | Underkoffler | |
| 01754 | Iron | SW-846 6010B | 1 | 091101848005 | 04/22/2009 | 01:43 | John W Yanzuk II | 1 |
| 07058 | Manganese | SW-846 6010B | 1 | 091101848005 | 04/22/2009 | 01:43 | John W Yanzuk II | 1 |
| 01848 | WW SW846 ICP Digest (tot rec) | SW-846 3005A | 1 | 091101848005 | 04/21/2009 | 09:20 | Denise K Conners | 1 |
| 00224 | Chloride | EPA 300.0 | 1 | 09105196602A | 04/21/2009 | 11:38 | Ashley M Heckman | 20 |
| 00368 | Nitrate Nitrogen | EPA 300.0 | 1 | 09105196602A | 04/16/2009 | 03:42 | Ashley M Heckman | 5 |
| 01506 | Nitrite Nitrogen | EPA 300.0 | 1 | 09105196602A | 04/16/2009 | 03:42 | Ashley M Heckman | 5 |
| 00228 | Sulfate | EPA 300.0 | 1 | 09105196602A | 04/23/2009 | 09:42 | Ashley M Heckman | 50 |
| 07547 | Dissolved Organic Carbon | EPA 415.1 modifie | ed 1 | 09111049501A | 04/21/2009 | 04:12 | James S Mathiot | 1 |
| 04001 | Chemical Oxygen Demand | EPA 410.4 | 1 | 09110400101A | 04/20/2009 | 08:35 | Susan A Engle | 1 |
| 00235 | Biochemical Oxygen Demand | SM20 5210 B | 1 | 09106023501A | 04/16/2009 | 07:22 | Hannah M Royer | 1 |



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Page 3 of 3



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Page 1 of 3

Lancaster Laboratories Sample No. WW 5646768

Group No. 1140555

As Received

NY

B-49 Water

BP Sanborn COC:

2040 Cory Drive - Sanborn, NY B-49

Collected: 04/14/2009 11:15 by RCB Account Number: 12495

Submitted: 04/15/2009 09:10 Atlantic Richfield(Parsons-NY)

Reported: 04/24/2009 at 15:26 BP Corporation

Discard: 05/25/2009 501 WestLake Park Blvd

Houston TX 77079

CSB49

| CAT No. | Analysis Name | CAS Number | As Received Result | Method Detection Limit* | Limit of Quantitation | Dilution Factor |
|------------|---|------------|-----------------------|-------------------------|--------------------------|--------------------|
| SW-84 | 6 8260B GC/MS Vo | olatiles | ug/l | ug/l | ug/l | |
| 00310 | Benzyl Chloride | 100-44-7 | N.D. | 1.0 | 5.0 | 1 |
| 00310 | Bromobenzene | 108-86-1 | N.D. | 1.0 | 5.0 | 1 |
| 06886 | Bromodichloromethane | 75-27-4 | N.D. | 1.0 | 5.0 | 1 |
| 06886 | Bromoform | 75-25-2 | N.D. | 1.0 | 5.0 | 1 |
| 06886 | Bromomethane | 74-83-9 | N.D. | 1.0 | 5.0 | 1 |
| 06886 | Carbon Tetrachloride | 56-23-5 | N.D. | 1.0 | 5.0 | 1 |
| 06886 | Chlorobenzene | 108-90-7 | N.D. | 0.80 | 5.0 | 1 |
| 06886 | Chloroethane | 75-00-3 | N.D. | 1.0 | 5.0 | 1 |
| 00310 | 2-Chloroethyl Vinyl Ether | 110-75-8 | N.D. | 2.0 | 10 | 1 |
| | 2-Chloroethyl vinyl ether may preserve this sample. | | | | | |
| 06886 | Chloroform | 67-66-3 | N.D. | 0.80 | 5.0 | 1 |
| 06886 | Chloromethane | 74-87-3 | N.D. | 1.0 | 5.0 | 1 |
| 06886 | Dibromochloromethane | 124-48-1 | N.D. | 1.0 | 5.0 | 1 |
| 06886 | Dibromomethane | 74-95-3 | N.D. | 1.0 | 5.0 | 1 |
| 00310 | 1,2-Dichlorobenzene | 95-50-1 | N.D. | 1.0 | 5.0 | 1 |
| 00310 | 1,3-Dichlorobenzene | 541-73-1 | N.D. | 1.0 | 5.0 | 1 |
| 00310 | 1,4-Dichlorobenzene | 106-46-7 | N.D. | 1.0 | 5.0 | 1 |
| 06886 | Dichlorodifluoromethane | 75-71-8 | N.D. | 2.0 | 5.0 | 1 |
| 06886 | 1,1-Dichloroethane | 75-34-3 | N.D. | 1.0 | 5.0 | 1 |
| 06886 | 1,2-Dichloroethane | 107-06-2 | N.D. | 1.0 | 5.0 | 1 |
| 06886 | 1,1-Dichloroethene | 75-35-4 | N.D. | 0.80 | 5.0 | 1 |
| 06886 | cis-1,2-Dichloroethene | 156-59-2 | N.D. | 0.80 | 5.0 | 1 |
| 06886 | trans-1,2-Dichloroethene | 156-60-5 | N.D. | 0.80 | 5.0 | 1 |
| 06886 | 1,2-Dichloropropane | 78-87-5 | N.D. | 1.0 | 5.0 | 1 |
| 06886 | cis-1,3-Dichloropropene | 10061-01-5 | N.D. | 1.0 | 5.0 | 1 |
| 06886 | trans-1,3-Dichloropropene | 10061-02-6 | N.D. | 1.0 | 5.0 | 1 |
| 06886 | Methylene Chloride | 75-09-2 | N.D. | 2.0 | 5.0 | 1 |
| 06886 | 1,1,1,2-Tetrachloroethane | 630-20-6 | N.D. | 1.0 | 5.0 | 1 |
| 06886 | 1,1,2,2-Tetrachloroethane | 79-34-5 | N.D. | 1.0 | 5.0 | 1 |
| 06886 | Tetrachloroethene | 127-18-4 | N.D. | 0.80 | 5.0 | 1 |
| 06886 | 1,1,1-Trichloroethane | 71-55-6 | N.D. | 0.80 | 5.0 | 1 |
| 06886 | 1,1,2-Trichloroethane | 79-00-5 | N.D. | 0.80 | 5.0 | 1 |
| 06886 | Trichloroethene | 79-01-6 | N.D. | 1.0 | 5.0 | 1 |
| 06886 | Trichlorofluoromethane | 75-69-4 | N.D. | 2.0 | 5.0 | 1 |
| 06886 | 1,2,3-Trichloropropane | 96-18-4 | N.D. | 1.0 | 5.0 | 1 |
| 06886 | Vinyl Chloride | 75-01-4 | N.D. | 1.0 | 5.0 | 1 |
| | pH of the GC/MS volatile fracti | - | | - | | |
| RSKSO | P-175 08/11/94 GC Misce | ellaneous | ug/l | ug/l | ug/l | |
| modif: | ied | | | | | |
| 07105 | Ethane | 74-84-0 | 24 | 1.0 | 5.0 | 1 |
| 07105 | Ethene | 74-85-1 | N.D. | 1.0 | 5.0 | 1 |
| 07105 | Methane | 74-82-8 | 64 | 5.0 | 15 | 1 |
| 00 | | | | - | | = |
| | 6 6010B Metals | | mg/l | mg/l | mg/l | |
| 01754 | Iron | 7439-89-6 | N.D. | 0.0522 | 0.200 | 1 |

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



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Page 2 of 3

Lancaster Laboratories Sample No. WW 5646768 Group No. 1140555

NY

B-49 Water

BP Sanborn COC:

2040 Cory Drive - Sanborn, NY B-49

Collected: 04/14/2009 11:15 by RCB Account Number: 12495

Submitted: 04/15/2009 09:10 Atlantic Richfield(Parsons-NY)

Reported: 04/24/2009 at 15:26 BP Corporation

Discard: 05/25/2009 501 WestLake Park Blvd

Houston TX 77079

CSB49

| CAT No. | Analysis Name | | CAS Number | As Received Result | As Received Method Detection Limit* | As Received Limit of Quantitation | Dilution Factor |
|------------|---------------------|--------|------------|-----------------------|---|---|--------------------|
| SW-846 | 6010B | Metals | | mg/l | mg/l | mg/l | |
| 07058 | Manganese | | 7439-96-5 | 0.0196 | 0.00084 | 0.0050 | 1 |
| EPA 30 | 00.0 | Wet Ch | emistry | mg/l | mg/l | mg/l | |
| 00224 | Chloride | | 16887-00-6 | 55.6 | 4.0 | 8.0 | 20 |
| 00368 | Nitrate Nitrogen | | 14797-55-8 | N.D. | 0.25 | 0.50 | 5 |
| 01506 | Nitrite Nitrogen | | 14797-65-0 | N.D. | 0.40 | 0.50 | 5 |
| 00228 | Sulfate | | 14808-79-8 | 1,690 | 60.0 | 200 | 200 |
| EPA 41 | L5.1 modified | Wet Ch | emistry | mg/l | mg/l | mg/l | |
| 07547 | Dissolved Organic (| Carbon | n.a. | 0.76 J | 0.50 | 1.0 | 1 |
| EPA 41 | LO.4 | Wet Ch | emistry | mg/l | mg/l | mg/l | |
| 04001 | Chemical Oxygen Der | nand | n.a. | 76.9 | 12.8 | 50.0 | 1 |
| SM20 5 | 5210 B | Wet Ch | emistry | mg/l | mg/l | mg/l | |
| 00235 | Biochemical Oxygen | Demand | n.a. | 22.8 | 0.80 | 3.0 | 1 |

General Sample Comments

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

Laboratory Chronicle

| CAT No. | Analysis Name | Method | Trial# | Batch# | Analysis Date and Ti | me | Analyst | Dilution Factor |
|------------|-------------------------------|-------------------|--------|--------------|-------------------------|-------|------------------|--------------------|
| 06886 | Appendix IX by 8260 - water | SW-846 8260B | 1 | Y091061AA | 04/16/2009 | 15:48 | Nicholas R Rossi | 1 |
| 00310 | 8260B water special scan | SW-846 8260B | 1 | Y091061AA | 04/16/2009 | 15:48 | Nicholas R Rossi | 1 |
| 01163 | GC/MS VOA Water Prep | SW-846 5030B | 1 | Y091061AA | 04/16/2009 | 15:48 | Nicholas R Rossi | 1 |
| 07105 | Volatile Headspace | RSKSOP-175 | 1 | 091100006A | 04/22/2009 | 13:01 | Dustin A | 1 |
| | Hydrocarbon | 08/11/94 modified | l | | | | Underkoffler | |
| 01754 | Iron | SW-846 6010B | 1 | 091101848005 | 04/22/2009 | 01:48 | John W Yanzuk II | 1 |
| 07058 | Manganese | SW-846 6010B | 1 | 091101848005 | 04/22/2009 | 01:48 | John W Yanzuk II | 1 |
| 01848 | WW SW846 ICP Digest (tot rec) | SW-846 3005A | 1 | 091101848005 | 04/21/2009 | 09:20 | Denise K Conners | 1 |
| 00224 | Chloride | EPA 300.0 | 1 | 09105196602A | 04/21/2009 | 12:24 | Ashley M Heckman | 20 |
| 00368 | Nitrate Nitrogen | EPA 300.0 | 1 | 09105196602A | 04/16/2009 | 04:29 | Ashley M Heckman | 5 |
| 01506 | Nitrite Nitrogen | EPA 300.0 | 1 | 09105196602A | 04/16/2009 | 04:29 | Ashley M Heckman | 5 |
| 00228 | Sulfate | EPA 300.0 | 1 | 09105196602A | 04/21/2009 | 12:40 | Ashley M Heckman | 200 |
| 07547 | Dissolved Organic Carbon | EPA 415.1 modifie | ed 1 | 09111049501A | 04/21/2009 | 04:34 | James S Mathiot | 1 |
| 04001 | Chemical Oxygen Demand | EPA 410.4 | 1 | 09110400101A | 04/20/2009 | 08:35 | Susan A Engle | 1 |
| 00235 | Biochemical Oxygen Demand | SM20 5210 B | 1 | 09106023501A | 04/16/2009 | 07:22 | Hannah M Royer | 1 |



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Page 3 of 3



As Received

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Page 1 of 3

Lancaster Laboratories Sample No. WW 5646769

Group No. 1140555

NY

B-19 Water

BP Sanborn COC:

2040 Cory Drive - Sanborn, NY B-19

Collected: 04/14/2009 13:40 by RCB Account Number: 12495

Submitted: 04/15/2009 09:10 Atlantic Richfield(Parsons-NY)

Reported: 04/24/2009 at 15:26 BP Corporation

Discard: 05/25/2009 501 WestLake Park Blvd

Houston TX 77079

As Received

CSB19

| CAT No. | Analysis Name | CAS Number | As Received Result | Method Detection Limit* | Limit of Quantitation | Dilution Factor |
|--------------|---|--------------------------|-------------------------|-------------------------|--------------------------|--------------------|
| SW-84 | 6 8260B GC/MS Vo | latiles | ug/l | ug/l | ug/l | |
| 00310 | Benzyl Chloride | 100-44-7 | N.D. | 1.0 | 5.0 | 1 |
| 00310 | Bromobenzene | 108-86-1 | N.D. | 1.0 | 5.0 | 1 |
| 06886 | Bromodichloromethane | 75-27-4 | N.D. | 1.0 | 5.0 | 1 |
| 06886 | Bromoform | 75-25-2 | N.D. | 1.0 | 5.0 | 1 |
| 06886 | Bromomethane | 74-83-9 | N.D. | 1.0 | 5.0 | 1 |
| 06886 | Carbon Tetrachloride | 56-23-5 | N.D. | 1.0 | 5.0 | 1 |
| 06886 | Chlorobenzene | 108-90-7 | N.D. | 0.80 | 5.0 | 1 |
| 06886 | Chloroethane | 75-00-3 | N.D. | 1.0 | 5.0 | 1 |
| 00310 | 2-Chloroethyl Vinyl Ether | 110-75-8 | N.D. | 2.0 | 10 | 1 |
| | 2-Chloroethyl vinyl ether may preserve this sample. | | | | | |
| 06886 | Chloroform | 67-66-3 | N.D. | 0.80 | 5.0 | 1 |
| 06886 | Chloromethane | 74-87-3 | N.D. | 1.0 | 5.0 | 1 |
| 06886 | Dibromochloromethane | 124-48-1 | N.D. | 1.0 | 5.0 | 1 |
| 06886 | Dibromomethane | 74-95-3 | N.D. | 1.0 | 5.0 | 1 |
| 00310 | 1,2-Dichlorobenzene | 95-50-1 | N.D. | 1.0 | 5.0 | 1 |
| 00310 | 1,3-Dichlorobenzene | 541-73-1 | N.D. | 1.0 | 5.0 | 1 |
| 00310 | 1,4-Dichlorobenzene | 106-46-7 | N.D. | 1.0 | 5.0 | 1 |
| 06886 | Dichlorodifluoromethane | 75-71-8 | N.D. | 2.0 | 5.0 | 1 |
| 06886 | 1,1-Dichloroethane | 75-34-3 | N.D. | 1.0 | 5.0 | 1 |
| 06886 | 1,2-Dichloroethane | 107-06-2 | N.D. | 1.0 | 5.0 | 1 |
| 06886 | 1,1-Dichloroethene | 75-35-4 | N.D. | 0.80 | 5.0 | 1 |
| 06886 | cis-1,2-Dichloroethene | 156-59-2 | 3.5 J | 0.80 | 5.0 | 1 |
| 06886 | trans-1,2-Dichloroethene | 156-60-5 | N.D. | 0.80 | 5.0 | 1 |
| 06886 | 1,2-Dichloropropane | 78-87-5 | N.D. | 1.0 | 5.0 | 1 |
| 06886 | cis-1,3-Dichloropropene | 10061-01-5 | N.D. | 1.0 | 5.0 | 1 |
| 06886 | trans-1,3-Dichloropropene | 10061-02-6 | N.D. | 1.0 | 5.0 | 1 |
| 06886 | Methylene Chloride | 75-09-2 | N.D. | 2.0 | 5.0 | 1 |
| 06886 | 1,1,1,2-Tetrachloroethane | 630-20-6 | N.D. | 1.0 | 5.0 | 1 |
| 06886 | 1,1,2,2-Tetrachloroethane | 79-34-5 | N.D. | 1.0 | 5.0 | 1 |
| 06886 | Tetrachloroethene | 127-18-4 | N.D. | 0.80 | 5.0 | 1 |
| 06886 | 1,1,1-Trichloroethane | 71-55-6 | N.D. | 0.80 | 5.0 | 1 |
| 06886 | 1,1,2-Trichloroethane | 79-00-5 | N.D. | 0.80 | 5.0 | 1 |
| 06886 | Trichloroethene | 79-01-6 | N.D. | 1.0 | 5.0 | 1 |
| 06886 | Trichlorofluoromethane | 75-69-4 | N.D. | 2.0 | 5.0 | 1 |
| 06886 | 1,2,3-Trichloropropane | 96-18-4 | N.D. | 1.0 | 5.0 | 1 |
| 06886 The | Vinyl Chloride pH of the GC/MS volatile fraction | 75-01-4 on was pH = 7 at | 1.3 J the time of an | 1.0 alysis. | 5.0 | 1 |
| | | = | | | | |
| RSKSO | P-175 08/11/94 GC Misce | llaneous | ug/l | ug/l | ug/l | |
| modif: | ied | | | | | |
| 07105 | Ethane | 74-84-0 | N.D. | 1.0 | 5.0 | 1 |
| 07105 | Ethene | 74-85-1 | N.D. | 1.0 | 5.0 | 1 |
| 07105 | Methane | 74-82-8 | 8.9 J | 5.0 | 15 | 1 |
| CW 04 | 6 6010B Metals | | mg/l | mg/l | mg/l | |
| | | 7420 00 6 | _ | - - | - | 1 |
| 01754 | Iron | 7439-89-6 | 0.104 J | 0.0522 | 0.200 | 1 |

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



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Page 2 of 3

Lancaster Laboratories Sample No. WW 5646769

Group No. 1140555

NY

B-19 Water

BP Sanborn COC:

2040 Cory Drive - Sanborn, NY B-19

Collected: 04/14/2009 13:40 by RCB Account Number: 12495

Submitted: 04/15/2009 09:10 Atlantic Richfield(Parsons-NY)

Reported: 04/24/2009 at 15:26 BP Corporation

Discard: 05/25/2009 501 WestLake Park Blvd

Houston TX 77079

CSB19

| CAT No. | Analysis Name | | CAS Number | As Received Result | As Received Method Detection Limit* | As Received Limit of Quantitation | Dilution Factor |
|------------|---------------------|--------|------------|-----------------------|---|---|--------------------|
| SW-846 | 6010B | Metals | 1 | mg/l | mg/l | mg/l | |
| 07058 | Manganese | | 7439-96-5 | 0.0203 | 0.00084 | 0.0050 | 1 |
| EPA 30 | 00.0 | Wet Ch | emistry | mg/l | mg/l | mg/l | |
| 00224 | Chloride | | 16887-00-6 | 69.6 | 4.0 | 8.0 | 20 |
| 00368 | Nitrate Nitrogen | | 14797-55-8 | N.D. | 0.25 | 0.50 | 5 |
| 01506 | Nitrite Nitrogen | | 14797-65-0 | N.D. | 0.40 | 0.50 | 5 |
| 00228 | Sulfate | | 14808-79-8 | 560 | 30.0 | 100 | 100 |
| EPA 41 | L5.1 modified | Wet Ch | emistry | mg/l | mg/l | mg/l | |
| 07547 | Dissolved Organic (| Carbon | n.a. | 1.6 | 0.50 | 1.0 | 1 |
| EPA 41 | LO.4 | Wet Ch | emistry | mg/l | mg/l | mg/l | |
| 04001 | Chemical Oxygen Dem | nand | n.a. | N.D. | 12.8 | 50.0 | 1 |
| SM20 5 | 5210 B | Wet Ch | emistry | mg/l | mg/l | mg/l | |
| 00235 | Biochemical Oxygen | Demand | n.a. | N.D. | 2.0 | 2.0 | 1 |

General Sample Comments

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

Laboratory Chronicle

| CAT No. | Analysis Name | Method | Trial# | Batch# | Analysis Date and Ti | me | Analyst | Dilution Factor |
|------------|-------------------------------|-------------------|--------|--------------|-------------------------|-------|------------------|--------------------|
| 06886 | Appendix IX by 8260 - water | SW-846 8260B | 1 | Y091061AA | 04/16/2009 | 16:09 | Nicholas R Rossi | 1 |
| 00310 | 8260B water special scan | SW-846 8260B | 1 | Y091061AA | 04/16/2009 | 16:09 | Nicholas R Rossi | 1 |
| 01163 | GC/MS VOA Water Prep | SW-846 5030B | 1 | Y091061AA | 04/16/2009 | 16:09 | Nicholas R Rossi | 1 |
| 07105 | Volatile Headspace | RSKSOP-175 | 1 | 091100006A | 04/22/2009 | 13:16 | Dustin A | 1 |
| | Hydrocarbon | 08/11/94 modified | f | | | | Underkoffler | |
| 01754 | Iron | SW-846 6010B | 1 | 091101848005 | 04/22/2009 | 02:01 | John W Yanzuk II | 1 |
| 07058 | Manganese | SW-846 6010B | 1 | 091101848005 | 04/22/2009 | 02:01 | John W Yanzuk II | 1 |
| 01848 | WW SW846 ICP Digest (tot rec) | SW-846 3005A | 1 | 091101848005 | 04/21/2009 | 09:20 | Denise K Conners | 1 |
| 00224 | Chloride | EPA 300.0 | 1 | 09105196602A | 04/21/2009 | 12:55 | Ashley M Heckman | 20 |
| 00368 | Nitrate Nitrogen | EPA 300.0 | 1 | 09105196602A | 04/16/2009 | 04:44 | Ashley M Heckman | 5 |
| 01506 | Nitrite Nitrogen | EPA 300.0 | 1 | 09105196602A | 04/16/2009 | 04:44 | Ashley M Heckman | 5 |
| 00228 | Sulfate | EPA 300.0 | 1 | 09105196602A | 04/21/2009 | 13:11 | Ashley M Heckman | 100 |
| 07547 | Dissolved Organic Carbon | EPA 415.1 modifie | ed 1 | 09111049501A | 04/21/2009 | 04:41 | James S Mathiot | 1 |
| 04001 | Chemical Oxygen Demand | EPA 410.4 | 1 | 09110400101A | 04/20/2009 | 08:35 | Susan A Engle | 1 |
| 00235 | Biochemical Oxygen Demand | SM20 5210 B | 1 | 09106023501A | 04/16/2009 | 07:22 | Hannah M Royer | 1 |



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Page 3 of 3



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Page 1 of 3

Lancaster Laboratories Sample No. WW 5646770

Group No. 1140555

NY

B-13 Water

BP Sanborn COC:

2040 Cory Drive - Sanborn, NY B-13

Collected: 04/14/2009 15:10 by RCB Account Number: 12495

Submitted: 04/15/2009 09:10 Atlantic Richfield(Parsons-NY)

Reported: 04/24/2009 at 15:26 BP Corporation

Discard: 05/25/2009 501 WestLake Park Blvd

Houston TX 77079

As Received

CSB13

| CAT No. | Analysis Name | CAS Number | As Received Result | Method Detection Limit* | Limit of Quantitation | Dilution Factor |
|--------------|---|--------------------------|-----------------------|-------------------------|--------------------------|--------------------|
| SW-84 | 6 8260B GC/MS Vo | latiles | ug/l | ug/l | ug/l | |
| 00310 | Benzyl Chloride | 100-44-7 | N.D. | 1.0 | 5.0 | 1 |
| 00310 | Bromobenzene | 108-86-1 | N.D. | 1.0 | 5.0 | 1 |
| 06886 | Bromodichloromethane | 75-27-4 | N.D. | 1.0 | 5.0 | 1 |
| 06886 | Bromoform | 75-25-2 | N.D. | 1.0 | 5.0 | 1 |
| 06886 | Bromomethane | 74-83-9 | N.D. | 1.0 | 5.0 | 1 |
| 06886 | Carbon Tetrachloride | 56-23-5 | N.D. | 1.0 | 5.0 | 1 |
| 06886 | Chlorobenzene | 108-90-7 | N.D. | 0.80 | 5.0 | 1 |
| 06886 | Chloroethane | 75-00-3 | N.D. | 1.0 | 5.0 | 1 |
| 00310 | 2-Chloroethyl Vinyl Ether | 110-75-8 | N.D. | 2.0 | 10 | 1 |
| | 2-Chloroethyl vinyl ether may may preserve this sample. | | | | | |
| 06886 | Chloroform | 67-66-3 | N.D. | 0.80 | 5.0 | 1 |
| 06886 | Chloromethane | 74-87-3 | N.D. | 1.0 | 5.0 | 1 |
| 06886 | Dibromochloromethane | 124-48-1 | N.D. | 1.0 | 5.0 | 1 |
| 06886 | Dibromomethane | 74-95-3 | N.D. | 1.0 | 5.0 | 1 |
| 00310 | 1,2-Dichlorobenzene | 95-50-1 | N.D. | 1.0 | 5.0 | 1 |
| 00310 | 1,3-Dichlorobenzene | 541-73-1 | N.D. | 1.0 | 5.0 | 1 |
| 00310 | 1,4-Dichlorobenzene | 106-46-7 | N.D. | 1.0 | 5.0 | 1 |
| 06886 | Dichlorodifluoromethane | 75-71-8 | N.D. | 2.0 | 5.0 | 1 |
| 06886 | 1,1-Dichloroethane | 75-34-3 | 5.2 | 1.0 | 5.0 | 1 |
| 06886 | 1,2-Dichloroethane | 107-06-2 | N.D. | 1.0 | 5.0 | 1 |
| 06886 | 1,1-Dichloroethene | 75-35-4 | 3.1 J | 0.80 | 5.0 | 1 |
| 06886 | cis-1,2-Dichloroethene | 156-59-2 | 460 | 8.0 | 50 | 10 |
| 06886 | trans-1,2-Dichloroethene | 156-60-5 | 7.0 | 0.80 | 5.0 | 1 |
| 06886 | 1,2-Dichloropropane | 78-87-5 | N.D. | 1.0 | 5.0 | 1 |
| 06886 | cis-1,3-Dichloropropene | 10061-01-5 | N.D. | 1.0 | 5.0 | 1 |
| 06886 | trans-1,3-Dichloropropene | 10061-02-6 | N.D. | 1.0 | 5.0 | 1 |
| 06886 | Methylene Chloride | 75-09-2 | N.D. | 2.0 | 5.0 | 1 |
| 06886 | 1,1,1,2-Tetrachloroethane | 630-20-6 | N.D. | 1.0 | 5.0 | 1 |
| 06886 | 1,1,2,2-Tetrachloroethane | 79-34-5 | N.D. | 1.0 | 5.0 | 1 |
| 06886 | Tetrachloroethene | 127-18-4 | N.D. | 0.80 | 5.0 | 1 |
| 06886 | 1,1,1-Trichloroethane | 71-55-6 | 3.2 J | 0.80 | 5.0 | 1 |
| 06886 | 1,1,2-Trichloroethane | 79-00-5 | N.D. | 0.80 | 5.0 | 1 |
| 06886 | Trichloroethene | 79-01-6 | 460 | 10 | 50 | 10 |
| 06886 | Trichlorofluoromethane | 75-69-4 | N.D. | 2.0 | 5.0 | 1 |
| 06886 | 1,2,3-Trichloropropane | 96-18-4 | N.D. 17 | 1.0 | 5.0 | 1 1 |
| 06886 The | Vinyl Chloride pH of the GC/MS volatile fraction | 75-01-4 on was pH = 7 at | | 1.0 alysis. | 5.0 | 1 |
| | | _ | /- | /- | /= | |
| | P-175 08/11/94 GC Misce: | llaneous | ug/l | ug/l | ug/l | |
| modif: | | | | | | |
| 07105 | Ethane | 74-84-0 | N.D. | 1.0 | 5.0 | 1 |
| 07105 | Ethene | 74-85-1 | N.D. | 1.0 | 5.0 | 1 |
| 07105 | Methane | 74-82-8 | 11 J | 5.0 | 15 | 1 |
| | 6 6010B Metals | | mg/l | mg/l | mg/l | |
| 01754 | Iron | 7439-89-6 | 0.105 J | 0.0522 | 0.200 | 1 |



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Page 2 of 3

Lancaster Laboratories Sample No. WW 5646770 Group No. 1140555

NY

B-13 Water

BP Sanborn COC:

2040 Cory Drive - Sanborn, NY B-13

Collected: 04/14/2009 15:10 by RCB Account Number: 12495

Submitted: 04/15/2009 09:10 Atlantic Richfield(Parsons-NY)

Reported: 04/24/2009 at 15:26 BP Corporation

Discard: 05/25/2009 501 WestLake Park Blvd

Houston TX 77079

CSB13

| CAT No. | Analysis Name | | CAS Number | As Received Result | As Received Method Detection Limit* | As Received Limit of Quantitation | Dilution Factor |
|------------|---------------------|---------|------------|-----------------------|---|---|--------------------|
| SW-84 | 6010B | Metals | | mg/l | mg/l | mg/l | |
| 07058 | Manganese | | 7439-96-5 | 0.0290 | 0.00084 | 0.0050 | 1 |
| EPA 3 | 00.0 | Wet Che | emistry | mg/l | mg/l | mg/l | |
| 00224 | Chloride | | 16887-00-6 | 76.8 | 4.0 | 8.0 | 20 |
| 00368 | Nitrate Nitrogen | | 14797-55-8 | 0.30 J | 0.25 | 0.50 | 5 |
| 01506 | Nitrite Nitrogen | | 14797-65-0 | N.D. | 0.40 | 0.50 | 5 |
| 00228 | Sulfate | | 14808-79-8 | 418 | 15.0 | 50.0 | 50 |
| EPA 4 | 15.1 modified | Wet Che | emistry | mg/l | mg/l | mg/l | |
| 07547 | Dissolved Organic (| Carbon | n.a. | 1.6 | 0.50 | 1.0 | 1 |
| EPA 4 | 10.4 | Wet Che | emistry | mg/l | mg/l | mg/l | |
| 04001 | Chemical Oxygen Der | mand | n.a. | N.D. | 12.8 | 50.0 | 1 |
| SM20 ! | 5210 B | Wet Che | emistry | mg/l | mg/l | mg/l | |
| 00235 | Biochemical Oxygen | Demand | n.a. | N.D. | 1.8 | 1.8 | 1 |

General Sample Comments

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

Laboratory Chronicle

| CAT No. | Analysis Name | Method | Trial# | Batch# | Analysis Date and Ti | me | Analyst | Dilution Factor |
|------------|-------------------------------|-------------------|--------|--------------|-------------------------|-------|------------------|--------------------|
| 06886 | Appendix IX by 8260 - water | SW-846 8260B | 1 | Y091061AA | 04/16/2009 | 16:30 | Nicholas R Rossi | 1 |
| 06886 | Appendix IX by 8260 - water | SW-846 8260B | 1 | Y091061AA | 04/16/2009 | 16:50 | Nicholas R Rossi | 10 |
| 00310 | 8260B water special scan | SW-846 8260B | 1 | Y091061AA | 04/16/2009 | 16:30 | Nicholas R Rossi | 1 |
| 01163 | GC/MS VOA Water Prep | SW-846 5030B | 1 | Y091061AA | 04/16/2009 | 16:30 | Nicholas R Rossi | 1 |
| 01163 | GC/MS VOA Water Prep | SW-846 5030B | 2 | Y091061AA | 04/16/2009 | 16:50 | Nicholas R Rossi | 10 |
| 07105 | Volatile Headspace | RSKSOP-175 | 1 | 091100006A | 04/22/2009 | 13:31 | Dustin A | 1 |
| | Hydrocarbon | 08/11/94 modified | f | | | | Underkoffler | |
| 01754 | Iron | SW-846 6010B | 1 | 091101848005 | 04/22/2009 | 02:05 | John W Yanzuk II | 1 |
| 07058 | Manganese | SW-846 6010B | 1 | 091101848005 | 04/22/2009 | 02:05 | John W Yanzuk II | 1 |
| 01848 | WW SW846 ICP Digest (tot rec) | SW-846 3005A | 1 | 091101848005 | 04/21/2009 | 09:20 | Denise K Conners | 1 |
| 00224 | Chloride | EPA 300.0 | 1 | 09105196602A | 04/21/2009 | 13:26 | Ashley M Heckman | 20 |
| 00368 | Nitrate Nitrogen | EPA 300.0 | 1 | 09105196602A | 04/16/2009 | 05:30 | Ashley M Heckman | 5 |
| 01506 | Nitrite Nitrogen | EPA 300.0 | 1 | 09105196602A | 04/16/2009 | 05:30 | Ashley M Heckman | 5 |
| 00228 | Sulfate | EPA 300.0 | 1 | 09105196602A | 04/21/2009 | 13:42 | Ashley M Heckman | 50 |
| 07547 | Dissolved Organic Carbon | EPA 415.1 modifie | ed 1 | 09111049501A | 04/21/2009 | 05:03 | James S Mathiot | 1 |



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Page 3 of 3

Lancaster Laboratories Sample No. WW 5646770 Group No. 1140555

NY

B-13 Water
BP Sanborn COC:

2040 Cory Drive - Sanborn, NY B-13

Collected: 04/14/2009 15:10 by RCB Account Number: 12495

Submitted: 04/15/2009 09:10 Atlantic Richfield(Parsons-NY)

Reported: 04/24/2009 at 15:26 BP Corporation

Discard: 05/25/2009 501 WestLake Park Blvd

Houston TX 77079

CSB13

Laboratory Chronicle

| CAT | Analysis Name | Method | Trial# | Batch# | Analysis | | Analyst | Dilution |
|-------|---------------------------|-------------|--------|--------------|-------------|-------|----------------|----------|
| No. | | | | | Date and Ti | me | | Factor |
| 04001 | Chemical Oxygen Demand | EPA 410.4 | 1 | 09110400101A | 04/20/2009 | 08:35 | Susan A Engle | 1 |
| 00235 | Biochemical Oxygen Demand | SM20 5210 B | 1 | 09106023501A | 04/16/2009 | 07:22 | Hannah M Royer | 1 |



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Page 1 of 2

Lancaster Laboratories Sample No. WW 5646771 Group No. 1140555

P-4 Water

BP Sanborn COC:

2040 Cory Drive - Sanborn, NY P-4

Account Number: 12495 Collected: 04/14/2009 15:25 by RCB

Submitted: 04/15/2009 09:10 Atlantic Richfield(Parsons-NY)

Reported: 04/24/2009 at 15:26 BP Corporation

501 WestLake Park Blvd Discard: 05/25/2009

Houston TX 77079

CSAP4

| CAT No. | Analysis Name | | CAS Number | As Rece Result | ived | As Received Method Detection Limit* | As Received Limit of Quantitation | Dilution Factor |
|------------|---|---------------|-----------------|-------------------|----------|---|---|--------------------|
| SW-84 | 6 8260B | GC/MS Vol | atiles | ug/l | | ug/l | ug/l | |
| 00310 | Benzyl Chloride | | 100-44-7 | N.D. | | 2.0 | 10 | 2 |
| 00310 | Bromobenzene | | 108-86-1 | N.D. | | 2.0 | 10 | 2 |
| 06886 | Bromodichloromethan | ie | 75-27-4 | N.D. | | 2.0 | 10 | 2 |
| 06886 | Bromoform | | 75-25-2 | N.D. | | 2.0 | 10 | 2 |
| 06886 | Bromomethane | | 74-83-9 | N.D. | | 2.0 | 10 | 2 |
| 06886 | Carbon Tetrachlorid | le | 56-23-5 | N.D. | | 2.0 | 10 | 2 |
| 06886 | Chlorobenzene | | 108-90-7 | N.D. | | 1.6 | 10 | 2 |
| 06886 | Chloroethane | | 75-00-3 | N.D. | | 2.0 | 10 | 2 |
| 00310 | 2-Chloroethyl Vinyl | Ether | 110-75-8 | N.D. | | 4.0 | 20 | 2 |
| | 2-Chloroethyl vinyl preserve this sampl | | ot be recovered | if acid | was used | d to | | |
| 06886 | Chloroform | | 67-66-3 | N.D. | | 1.6 | 10 | 2 |
| 06886 | Chloromethane | | 74-87-3 | N.D. | | 2.0 | 10 | 2 |
| 06886 | Dibromochloromethan | ie | 124-48-1 | N.D. | | 2.0 | 10 | 2 |
| 06886 | Dibromomethane | | 74-95-3 | N.D. | | 2.0 | 10 | 2 |
| 00310 | 1,2-Dichlorobenzene | | 95-50-1 | N.D. | | 2.0 | 10 | 2 |
| 00310 | 1,3-Dichlorobenzene | | 541-73-1 | N.D. | | 2.0 | 10 | 2 |
| 00310 | 1,4-Dichlorobenzene | | 106-46-7 | N.D. | | 2.0 | 10 | 2 |
| 06886 | Dichlorodifluoromet | hane | 75-71-8 | N.D. | | 4.0 | 10 | 2 |
| 06886 | 1,1-Dichloroethane | | 75-34-3 | 12 | | 2.0 | 10 | 2 |
| 06886 | 1,2-Dichloroethane | | 107-06-2 | N.D. | | 2.0 | 10 | 2 |
| 06886 | 1,1-Dichloroethene | | 75-35-4 | 3.5 | J | 1.6 | 10 | 2 |
| 06886 | cis-1,2-Dichloroeth | | 156-59-2 | 370 | | 1.6 | 10 | 2 |
| 06886 | trans-1,2-Dichloroe | | 156-60-5 | 6.1 | J | 1.6 | 10 | 2 |
| 06886 | 1,2-Dichloropropane | | 78-87-5 | N.D. | | 2.0 | 10 | 2 |
| 06886 | cis-1,3-Dichloropro | | 10061-01-5 | N.D. | | 2.0 | 10 | 2 |
| 06886 | trans-1,3-Dichlorop | ropene | 10061-02-6 | N.D. | | 2.0 | 10 | 2 |
| 06886 | Methylene Chloride | | 75-09-2 | N.D. | | 4.0 | 10 | 2 |
| 06886 | 1,1,1,2-Tetrachloro | | 630-20-6 | N.D. | | 2.0 | 10 | 2 |
| 06886 | 1,1,2,2-Tetrachloro | ethane | 79-34-5 | N.D. | | 2.0 | 10 | 2 |
| 06886 | Tetrachloroethene | | 127-18-4 | N.D. | | 1.6 | 10 | 2 |
| 06886 | 1,1,1-Trichloroetha | | 71-55-6 | 23 | | 1.6 | 10 | 2 |
| | 1,1,2-Trichloroetha | ine | 79-00-5 | N.D. | | 1.6 | 10 | 2 |
| 06886 | Trichloroethene | | 79-01-6 | 1,600 | | 20 | 100 | 20 |
| 06886 | Trichlorofluorometh | | 75-69-4 | N.D. | | 4.0 | 10 | 2 |
| 06886 | 1,2,3-Trichloroprop | ane | 96-18-4 | N.D. | | 2.0 | 10 | 2 |
| 06886 | Vinyl Chloride | | 75-01-4 | | J | 2.0 | 10 | 2 |
| The | pH of the GC/MS vola | tile fraction | n was pH = 7 at | the time | of anal | ysis. | | |

General Sample Comments

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



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Page 2 of 2

Lancaster Laboratories Sample No. WW 5646771 Group No. 1140555

NY

P-4 Water

BP Sanborn COC:

Discard: 05/25/2009

2040 Cory Drive - Sanborn, NY P-4

Reported: 04/24/2009 at 15:26

Collected: 04/14/2009 15:25 by RCB Account Number: 12495

Submitted: 04/15/2009 09:10 Atlantic Richfield(Parsons-NY)

BP Corporation

501 WestLake Park Blvd

Houston TX 77079

CSAP4

| | | | Labora | tory Chroni | .cle | | |
|------------|-----------------------------|--------------|--------|-------------|---------------------------|------------------|--------------------|
| CAT No. | Analysis Name | Method | Trial# | Batch# | Analysis Date and Time | Analyst | Dilution Factor |
| 06886 | Appendix IX by 8260 - water | SW-846 8260B | 1 | Y091061AA | 04/16/2009 14:04 | Nicholas R Rossi | 2 |
| 06886 | Appendix IX by 8260 - water | SW-846 8260B | 1 | Y091061AA | 04/16/2009 15:07 | Nicholas R Rossi | 20 |
| 00310 | 8260B water special scan | SW-846 8260B | 1 | Y091061AA | 04/16/2009 14:04 | Nicholas R Rossi | 2 |
| 01163 | GC/MS VOA Water Prep | SW-846 5030B | 1 | Y091061AA | 04/16/2009 14:04 | Nicholas R Rossi | 2 |
| 01163 | GC/MS VOA Water Prep | SW-846 5030B | 2 | Y091061AA | 04/16/2009 15:07 | Nicholas R Rossi | 20 |



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Page 1 of 2

Lancaster Laboratories Sample No. WW 5646772

Group No. 1140555

P-4 Matrix Spike Water

BP Sanborn COC:

2040 Cory Drive - Sanborn, NY P-4

Collected: 04/14/2009 15:25 by RCB Account Number: 12495

Submitted: 04/15/2009 09:10 Atlantic Richfield(Parsons-NY)

Reported: 04/24/2009 at 15:26 BP Corporation

501 WestLake Park Blvd Discard: 05/25/2009

Houston TX 77079

CSAP4

| CAT No. | Analysis Name | | CAS Number | As Received Result | As Received Method Detection Limit* | As Received Limit of Quantitation | Dilution Factor |
|------------|--|--------------|-----------------|-----------------------|---|---|--------------------|
| SW-84 | 5 8260B | GC/MS Vola | atiles | ug/l | ug/l | ug/l | |
| 00310 | Benzyl Chloride | | 100-44-7 | 35 | 2.0 | 10 | 2 |
| 00310 | Bromobenzene | | 108-86-1 | 37 | 2.0 | 10 | 2 |
| 06886 | Bromodichloromethane | | 75-27-4 | 40 | 2.0 | 10 | 2 |
| 06886 | Bromoform | | 75-25-2 | 39 | 2.0 | 10 | 2 |
| 06886 | Bromomethane | | 74-83-9 | 37 | 2.0 | 10 | 2 |
| 06886 | Carbon Tetrachloride | | 56-23-5 | 40 | 2.0 | 10 | 2 |
| 06886 | Chlorobenzene | | 108-90-7 | 40 | 1.6 | 10 | 2 |
| 06886 | Chloroethane | | 75-00-3 | 37 | 2.0 | 10 | 2 |
| 00310 | 2-Chloroethyl Vinyl | Ether | 110-75-8 | 37 | 4.0 | 20 | 2 |
| | 2-Chloroethyl vinyl preserve this sample | | t be recovered | if acid was use | ed to | | |
| 06886 | Chloroform | | 67-66-3 | 41 | 1.6 | 10 | 2 |
| 06886 | Chloromethane | | 74-87-3 | 37 | 2.0 | 10 | 2 |
| 06886 | Dibromochloromethane | | 124-48-1 | 39 | 2.0 | 10 | 2 |
| 06886 | Dibromomethane | | 74-95-3 | 40 | 2.0 | 10 | 2 |
| 00310 | 1,2-Dichlorobenzene | | 95-50-1 | 39 | 2.0 | 10 | 2 |
| 00310 | 1,3-Dichlorobenzene | | 541-73-1 | 39 | 2.0 | 10 | 2 |
| 00310 | 1,4-Dichlorobenzene | | 106-46-7 | 39 | 2.0 | 10 | 2 |
| 06886 | Dichlorodifluorometh | ane | 75-71-8 | 35 | 4.0 | 10 | 2 |
| 06886 | 1,1-Dichloroethane | | 75-34-3 | 53 | 2.0 | 10 | 2 |
| 06886 | 1,2-Dichloroethane | | 107-06-2 | 40 | 2.0 | 10 | 2 |
| 06886 | 1,1-Dichloroethene | | 75-35-4 | 45 | 1.6 | 10 | 2 |
| 06886 | cis-1,2-Dichloroethe | ne | 156-59-2 | 420 | 1.6 | 10 | 2 |
| 06886 | trans-1,2-Dichloroet | hene | 156-60-5 | 46 | 1.6 | 10 | 2 |
| 06886 | 1,2-Dichloropropane | | 78-87-5 | 40 | 2.0 | 10 | 2 |
| 06886 | cis-1,3-Dichloroprop | | 10061-01-5 | 39 | 2.0 | 10 | 2 |
| 06886 | trans-1,3-Dichloropr | opene | 10061-02-6 | 38 | 2.0 | 10 | 2 |
| 06886 | Methylene Chloride | | 75-09-2 | 40 | 4.0 | 10 | 2 |
| 06886 | 1,1,1,2-Tetrachloroe | | 630-20-6 | 38 | 2.0 | 10 | 2 |
| 06886 | 1,1,2,2-Tetrachloroe | thane | 79-34-5 | 39 | 2.0 | 10 | 2 |
| 06886 | Tetrachloroethene | | 127-18-4 | 41 | 1.6 | 10 | 2 |
| 06886 | 1,1,1-Trichloroethan | | 71-55-6 | 64 | 1.6 | 10 | 2 |
| 06886 | 1,1,2-Trichloroethan | e | 79-00-5 | 40 | 1.6 | 10 | 2 |
| 06886 | Trichloroethene | | 79-01-6 | 1,800 | 2.0 | 10 | 2 |
| 06886 | Trichlorofluorometha | | 75-69-4 | 36 | 4.0 | 10 | 2 |
| 06886 | 1,2,3-Trichloropropa | ne | 96-18-4 | 38 | 2.0 | 10 | 2 |
| 06886 | Vinyl Chloride | | 75-01-4 | 37 | 2.0 | 10 | 2 |
| The : | pH of the GC/MS volat: | ile fraction | was $pH = 7$ at | the time of ana | lysis. | | |

General Sample Comments

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



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Page 2 of 2

Lancaster Laboratories Sample No. WW 5646772

Group No. 1140555

NY

P-4 Matrix Spike Water

BP Sanborn COC:

2040 Cory Drive - Sanborn, NY P-4

Collected: 04/14/2009 15:25 by RCB Account Number: 12495

Submitted: 04/15/2009 09:10 Atlantic Richfield(Parsons-NY)

Reported: 04/24/2009 at 15:26 BP Corporation

Discard: 05/25/2009 501 WestLake Park Blvd

Houston TX 77079

CSAP4

Laboratory Chronicle

| CAT No. | Analysis Name | Method | Trial# | Batch# | Analysis Date and Time | Analyst | Dilution Factor |
|------------|--|------------------------------|--------|------------------------|--------------------------------------|--------------------------------------|--------------------|
| 06886 | Appendix IX by 8260 - water | SW-846 8260B | 1 | Y091061AA | 04/16/2009 14:25 | Nicholas R Rossi | 2 |
| | 8260B water special scan GC/MS VOA Water Prep | SW-846 8260B SW-846 5030B | _ | Y091061AA Y091061AA | 04/16/2009 14:25 04/16/2009 14:25 | Nicholas R Rossi Nicholas R Rossi | 2 2 |



As Received

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Page 1 of 2

Lancaster Laboratories Sample No. WW 5646773

Group No. 1140555

NY

P-4 Matrix Spike Dup Water

BP Sanborn COC:

2040 Cory Drive - Sanborn, NY P-4

Collected: 04/14/2009 15:25 by RCB Account Number: 12495

Submitted: 04/15/2009 09:10 Atlantic Richfield(Parsons-NY)

Reported: 04/24/2009 at 15:26 BP Corporation

Discard: 05/25/2009 501 WestLake Park Blvd

Houston TX 77079

As Received

CSAP4

| CAT No. | Analysis Name | | CAS Number | As Received Result | Method Detection Limit* | As Received Limit of Quantitation | Dilution Factor |
|------------|---|-------------|---------------|-----------------------|-------------------------|---|--------------------|
| SW-84 | 6 8260B G | C/MS Vola | tiles | ug/l | ug/l | ug/l | |
| 00310 | Benzyl Chloride | | 100-44-7 | 35 | 2.0 | 10 | 2 |
| 00310 | Bromobenzene | | 108-86-1 | 39 | 2.0 | 10 | 2 |
| 06886 | Bromodichloromethane | | 75-27-4 | 40 | 2.0 | 10 | 2 |
| 06886 | Bromoform | | 75-25-2 | 39 | 2.0 | 10 | 2 |
| 06886 | Bromomethane | | 74-83-9 | 39 | 2.0 | 10 | 2 |
| 06886 | Carbon Tetrachloride | | 56-23-5 | 40 | 2.0 | 10 | 2 |
| 06886 | Chlorobenzene | | 108-90-7 | 40 | 1.6 | 10 | 2 |
| 06886 | Chloroethane | | 75-00-3 | 38 | 2.0 | 10 | 2 |
| 00310 | 2-Chloroethyl Vinyl E | ther | 110-75-8 | 37 | 4.0 | 20 | 2 |
| | 2-Chloroethyl vinyl e preserve this sample. | | | | | | |
| 06886 | Chloroform | | 67-66-3 | 40 | 1.6 | 10 | 2 |
| 06886 | Chloromethane | | 74-87-3 | 38 | 2.0 | 10 | 2 |
| 06886 | Dibromochloromethane | | 124-48-1 | 39 | 2.0 | 10 | 2 |
| 06886 | Dibromomethane | | 74-95-3 | 39 | 2.0 | 10 | 2 |
| 00310 | 1,2-Dichlorobenzene | | 95-50-1 | 39 | 2.0 | 10 | 2 |
| 00310 | 1,3-Dichlorobenzene | | 541-73-1 | 39 | 2.0 | 10 | 2 |
| 00310 | 1,4-Dichlorobenzene | | 106-46-7 | 39 | 2.0 | 10 | 2 |
| 06886 | Dichlorodifluorometha | ne | 75-71-8 | 32 | 4.0 | 10 | 2 |
| 06886 | 1,1-Dichloroethane | | 75-34-3 | 52 | 2.0 | 10 | 2 |
| 06886 | 1,2-Dichloroethane | | 107-06-2 | 40 | 2.0 | 10 | 2 |
| 06886 | 1,1-Dichloroethene | | 75-35-4 | 43 | 1.6 | 10 | 2 |
| 06886 | cis-1,2-Dichloroethen | | 156-59-2 | 410 | 1.6 | 10 | 2 |
| 06886 | trans-1,2-Dichloroeth | ene | 156-60-5 | 46 | 1.6 | 10 | 2 |
| 06886 | 1,2-Dichloropropane | | 78-87-5 | 40 | 2.0 | 10 | 2 |
| 06886 | cis-1,3-Dichloroprope | | 10061-01-5 | 39 | 2.0 | 10 | 2 |
| 06886 | trans-1,3-Dichloropro | pene | 10061-02-6 | 38 | 2.0 | 10 | 2 |
| 06886 | Methylene Chloride | | 75-09-2 | 39 | 4.0 | 10 | 2 |
| 06886 | 1,1,1,2-Tetrachloroet | | 630-20-6 | 38 | 2.0 | 10 | 2 |
| 06886 | 1,1,2,2-Tetrachloroet | hane | 79-34-5 | 39 | 2.0 | 10 | 2 |
| 06886 | Tetrachloroethene | | 127-18-4 | 39 | 1.6 | 10 | 2 |
| 06886 | 1,1,1-Trichloroethane | | 71-55-6 | 62 | 1.6 | 10 | 2 |
| 06886 | 1,1,2-Trichloroethane | | 79-00-5 | 40 | 1.6 | 10 | 2 |
| 06886 | Trichloroethene | | 79-01-6 | 1,800 | 2.0 | 10 | 2 |
| 06886 | Trichlorofluoromethan | | 75-69-4 | 35 | 4.0 | 10 | 2 |
| 06886 | 1,2,3-Trichloropropan | е | 96-18-4 | 39 | 2.0 | 10 | 2 |
| 06886 | Vinyl Chloride | | 75-01-4 | 37 | 2.0 | 10 | 2 |
| The | pH of the GC/MS volati | le fraction | was pH = 7 at | the time of and | alysis. | | |

General Sample Comments

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



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Page 2 of 2

Lancaster Laboratories Sample No. WW 5646773 Group No. 1140555

NY

P-4 Matrix Spike Dup Water

BP Sanborn COC:

2040 Cory Drive - Sanborn, NY P-4

Collected: 04/14/2009 15:25 by RCB Account Number: 12495

Submitted: 04/15/2009 09:10 Atlantic Richfield(Parsons-NY)

Reported: 04/24/2009 at 15:26 BP Corporation

Discard: 05/25/2009 501 WestLake Park Blvd

Houston TX 77079

CSAP4

Laboratory Chronicle

| CAT No. | Analysis Name | Method | Trial# | Batch# | Analysis Date and Time | Analyst | Dilution Factor |
|------------|-----------------------------|--------------|--------|-----------|---------------------------|------------------|--------------------|
| 06886 | Appendix IX by 8260 - water | SW-846 8260B | 1 | Y091061AA | 04/16/2009 14:46 | Nicholas R Rossi | 2 |
| 00310 | 8260B water special scan | SW-846 8260B | 1 | Y091061AA | 04/16/2009 14:46 | Nicholas R Rossi | 2 |
| 01163 | GC/MS VOA Water Prep | SW-846 5030B | 1 | Y091061AA | 04/16/2009 14:46 | Nicholas R Rossi | 2 |



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Quality Control Summary

Client Name: Atlantic Richfield (Parsons-NY) Group Number: 1140555

Reported: 04/24/09 at 03:26 PM

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

Laboratory Compliance Quality Control

| Analysis Name | Blank <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: Y091061AA | Sample numi | ber(s) · 56 | 46767-564 | 6773 | | | | | |
| Benzyl Chloride | N.D. | 1.0 | 5.0 | uq/1 | 92 | | 65-118 | | |
| Bromobenzene | N.D. | 1.0 | 5.0 | uq/l | 96 | | 83-109 | | |
| Bromodichloromethane | N.D. | 1.0 | 5.0 | ug/1 | 101 | | 79-118 | | |
| Bromoform | N.D. | 1.0 | 5.0 | ug/1 | 99 | | 67-112 | | |
| Bromomethane | N.D. | 1.0 | 5.0 | ug/1 | 93 | | 45-126 | | |
| Carbon Tetrachloride | N.D. | 1.0 | 5.0 | ug/1 | 100 | | 75-123 | | |
| Chlorobenzene | N.D. | 0.80 | 5.0 | ug/1 | 100 | | 82-111 | | |
| Chloroethane | N.D. | 1.0 | 5.0 | uq/l | 95 | | 55-119 | | |
| 2-Chloroethyl Vinyl Ether | N.D. | 2.0 | 10 | ug/1 | 93 | | 39-151 | | |
| Chloroform | N.D. | 0.80 | 5.0 | ug/1 | 101 | | 77-122 | | |
| Chloromethane | N.D. | 1.0 | 5.0 | uq/l | 99 | | 65-134 | | |
| Dibromochloromethane | N.D. | 1.0 | 5.0 | uq/l | 99 | | 78-113 | | |
| Dibromomethane | N.D. | 1.0 | 5.0 | ug/1 | 101 | | 84-115 | | |
| 1,2-Dichlorobenzene | N.D. | 1.0 | 5.0 | uq/l | 97 | | 85-107 | | |
| 1,3-Dichlorobenzene | N.D. | 1.0 | 5.0 | uq/l | 99 | | 82-110 | | |
| 1,4-Dichlorobenzene | N.D. | 1.0 | 5.0 | uq/l | 97 | | 85-107 | | |
| Dichlorodifluoromethane | N.D. | 2.0 | 5.0 | ug/1 | 85 | | 55-152 | | |
| 1,1-Dichloroethane | N.D. | 1.0 | 5.0 | uq/l | 106 | | 79-120 | | |
| 1,2-Dichloroethane | N.D. | 1.0 | 5.0 | uq/l | 100 | | 70-130 | | |
| 1,1-Dichloroethene | N.D. | 0.80 | 5.0 | ug/1 | 102 | | 77-119 | | |
| cis-1,2-Dichloroethene | N.D. | 0.80 | 5.0 | ug/1 | 100 | | 85-115 | | |
| trans-1,2-Dichloroethene | N.D. | 0.80 | 5.0 | ug/1 | 102 | | 83-116 | | |
| 1,2-Dichloropropane | N.D. | 1.0 | 5.0 | uq/l | 103 | | 79-114 | | |
| cis-1,3-Dichloropropene | N.D. | 1.0 | 5.0 | ug/1 | 100 | | 82-113 | | |
| trans-1,3-Dichloropropene | N.D. | 1.0 | 5.0 | ug/1 | 96 | | 77-116 | | |
| Methylene Chloride | N.D. | 2.0 | 5.0 | uq/l | 96 | | 81-116 | | |
| 1,1,1,2-Tetrachloroethane | N.D. | 1.0 | 5.0 | ug/1 | 98 | | 81-113 | | |
| 1,1,2,2-Tetrachloroethane | N.D. | 1.0 | 5.0 | ug/1 | 99 | | 71-117 | | |
| Tetrachloroethene | N.D. | 0.80 | 5.0 | uq/l | 101 | | 79-115 | | |
| 1,1,1-Trichloroethane | N.D. | 0.80 | 5.0 | ug/1 | 102 | | 81-137 | | |
| 1,1,2-Trichloroethane | N.D. | 0.80 | 5.0 | ug/1 | 101 | | 83-113 | | |
| Trichloroethene | N.D. | 1.0 | 5.0 | uq/l | 103 | | 85-114 | | |
| Trichlorofluoromethane | N.D. | 2.0 | 5.0 | uq/l | 88 | | 64-129 | | |
| 1,2,3-Trichloropropane | N.D. | 1.0 | 5.0 | uq/l | 97 | | 79-116 | | |
| Vinyl Chloride | N.D. | 1.0 | 5.0 | uq/l | 85 | | 63-129 | | |
| Vinyi Chioride | N.D. | 1.0 | 5.0 | ug/ i | 0.5 | | 03-129 | | |
| Batch number: 091100006A | Sample numl | ber(s): 56 | | 6770 | | | | | |
| Ethane | N.D. | 1.0 | 5.0 | ug/l | 105 | | 80-120 | | |
| Ethene | N.D. | 1.0 | 5.0 | ug/l | 105 | | 80-120 | | |
| Methane | N.D. | 5.0 | 15 | ug/l | 102 | | 80-120 | | |
| Batch number: 091101848005 | Sample num | ber(s): 56 | 46767-564 | 6770 | | | | | |
| Iron | N.D. | 0.0522 | 0.200 | mq/1 | 101 | | 90-112 | | |
| Manganese | N.D. | 0.00084 | 0.0050 | mq/1 | 104 | | 90-110 | | |
| _ | | | | J. | | | - 0 - 1 - 0 | | |
| Batch number: 09105196602A | Sample num | ber(s): 56 | 46767-564 | 6770 | | | | | |

*- 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.

Page 1 of 4



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Quality Control Summary

Client Name: Atlantic Richfield (Parsons-NY) Group Number: 1140555

Reported: 04/24/09 at 03:26 PM

Laboratory Compliance Quality Control

| Analysis Name Chloride Nitrate Nitrogen Nitrite Nitrogen Sulfate | Blank Result N.D. N.D. N.D. N.D. | Blank MDL** 0.20 0.050 0.080 0.30 | Blank <u>LOO</u> 0.40 0.10 0.10 1.0 | Report Units mg/1 mg/1 mg/1 mg/1 | LCS %REC 97 100 98 98 | LCSD <u>%REC</u> | LCS/LCSD Limits 90-110 90-110 90-110 89-110 | <u>RPD</u> | RPD Max |
|--|---|--|--|----------------------------------|--------------------------------------|---------------------|--|------------|---------|
| Batch number: 09111049501A Dissolved Organic Carbon | Sample numl | oer(s): 56 0.50 | 546767-564 1.0 | 16770 mg/l | 99 | | 93-112 | | |
| Batch number: 09106023501A Biochemical Oxygen Demand | Sample numl | ber(s): 56 | 546767-564 | 6770 | 101 | 102 | 85-115 | 1 | 8 |
| Batch number: 09110400101A Chemical Oxygen Demand | Sample numl | ber(s): 56 | 546767-564 | 6770 | 100 | | 94-110 | | |

| Analysis Name | MS %REC | MSD %REC | MS/MSD Limits | RPD | RPD <u>MAX</u> | BKG Conc | DUP Conc | DUP <u>RPD</u> | Dup RPD Max |
|---------------------------|------------|-------------|------------------|--------|-------------------|-------------|-------------|-------------------|----------------|
| Batch number: Y091061AA | Sample | number(s) | : 5646767 | -56467 | 73 UNSP | K: 5646771 | | | |
| Benzyl Chloride | 87 | 88 | 62-120 | 1 | 30 | | | | |
| Bromobenzene | 93 | 97 | 82-115 | 4 | 30 | | | | |
| Bromodichloromethane | 100 | 101 | 78-125 | 0 | 30 | | | | |
| Bromoform | 97 | 98 | 62-113 | 1 | 30 | | | | |
| Bromomethane | 93 | 96 | 48-136 | 4 | 30 | | | | |
| Carbon Tetrachloride | 101 | 100 | 81-138 | 1 | 30 | | | | |
| Chlorobenzene | 99 | 99 | 86-118 | 0 | 30 | | | | |
| Chloroethane | 93 | 95 | 58-134 | 2 | 30 | | | | |
| 2-Chloroethyl Vinyl Ether | 93 | 93 | 10-151 | 0 | 30 | | | | |
| Chloroform | 102 | 99 | 81-134 | 2 | 30 | | | | |
| Chloromethane | 93 | 95 | 67-154 | 2 | 30 | | | | |
| Dibromochloromethane | 98 | 98 | 74-116 | 0 | 30 | | | | |
| Dibromomethane | 99 | 98 | 83-119 | 1 | 30 | | | | |
| 1,2-Dichlorobenzene | 97 | 97 | 83-113 | 1 | 30 | | | | |
| 1,3-Dichlorobenzene | 98 | 98 | 82-115 | 0 | 30 | | | | |
| 1,4-Dichlorobenzene | 97 | 98 | 83-113 | 1 | 30 | | | | |
| Dichlorodifluoromethane | 87 | 81 | 63-187 | 7 | 30 | | | | |
| 1,1-Dichloroethane | 102 | 100 | 84-129 | 1 | 30 | | | | |
| 1,2-Dichloroethane | 100 | 100 | 66-141 | 0 | 30 | | | | |
| 1,1-Dichloroethene | 104 | 99 | 87-134 | 5 | 30 | | | | |
| cis-1,2-Dichloroethene | 116 (2) | 103 (2) | 85-125 | 1 | 30 | | | | |
| trans-1,2-Dichloroethene | 101 | 101 | 87-126 | 0 | 30 | | | | |
| 1,2-Dichloropropane | 101 | 100 | 83-124 | 1 | 30 | | | | |
| cis-1,3-Dichloropropene | 99 | 97 | 77-117 | 2 | 30 | | | | |
| trans-1,3-Dichloropropene | 95 | 95 | 74-119 | 0 | 30 | | | | |
| Methylene Chloride | 101 | 98 | 79-120 | 4 | 30 | | | | |
| 1,1,1,2-Tetrachloroethane | 95 | 95 | 82-119 | 1 | 30 | | | | |
| 1,1,2,2-Tetrachloroethane | 96 | 96 | 73-119 | 0 | 30 | | | | |
| Tetrachloroethene | 102 | 99 | 80-128 | 4 | 30 | | | | |
| 1,1,1-Trichloroethane | 101 | 96 | 85-151 | 3 | 30 | | | | |

^{*-} Outside of specification

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

Page 2 of 4



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Page 3 of 4

Quality Control Summary

Client Name: Atlantic Richfield (Parsons-NY) Group Number: 1140555

Reported: 04/24/09 at 03:26 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 | MAX | Conc | Conc | RPD | Max |
| 1,1,2-Trichloroethane | 100 | 99 | 77-124 | 1 | 30 | | | | |
| Trichloroethene | 172 (2) | 62 (2) | 88-125 | 2 | 30 | | | | |
| Trichlorofluoromethane | 91 | 88 | 73-152 | 3 | 30 | | | | |
| 1,2,3-Trichloropropane | 94 | 97 | 76-118 | 3 | 30 | | | | |
| Vinyl Chloride | 83 | 82 | 65-147 | 1 | 30 | | | | |
| Batch number: 091100006A | Sample | number(s) | : 5646767 | 7-56467 | 70 UNSI | PK: P646321 | | | |
| Ethane | 69 | 81 | 68-131 | 16 | 20 | | | | |
| Ethene | 75 | 85 | 46-164 | 12 | 20 | | | | |
| Methane | 73 | 83 | 35-157 | 13 | 20 | | | | |
| Batch number: 091101848005 | Sample | number(s) | : 5646767 | 7-56467 | 70 UNSI | PK: P649169 | BKG: P649169 | | |
| Iron | 98 | 97 | 75-125 | 1 | 20 | 0.166 J | 0.156 J | 6 (1) | 20 |
| Manganese | 103 | 103 | 75-125 | 0 | 20 | 0.0152 | 0.0154 | 1 (1) | 20 |
| Batch number: 09105196602A | Sample | number(s) | : 5646767 | 7-56467 | 70 UNSI | PK: 5646767 | BKG: 5646767 | | |
| Chloride | 105 | | 90-110 | | | 74.6 | 74.1 | 1 | 20 |
| Nitrate Nitrogen | 108 | | 90-110 | | | 1.3 | 1.3 | 0 (1) | 20 |
| Nitrite Nitrogen | 100 | | 90-110 | | | N.D. | N.D. | 0 (1) | 20 |
| Sulfate | 129* | | 90-110 | | | 132 | 133 | 1 (1) | 20 |
| Batch number: 09111049501A | Sample | number(s) | : 5646767 | 7-56467 | 70 UNSE | PK: 5646767 | BKG: 5646767 | | |
| Dissolved Organic Carbon | 87 | 11411201 (2) | 66-125 | 50107 | , 0 01.01 | 1.6 | 1.5 | 6* (1) | 2 |
| Batch number: 09106023501A | Sample | number(s) | . 5646767 | -56467 | 70 IINSI | PK P647134 | BKG: P647133 | | |
| Biochemical Oxygen Demand | 102 | 101 | 77-142 | 1 | 8 | 190 | 184 | 3 | 14 |
| Batch number: 09110400101A | Sample | number(s) | . 5646767 | 7-56467 | 70 UNSE | PK: P646335 | BKG: P646335 | | |
| Chemical Oxygen Demand | 99 | 114201 (0) | 90-110 | 20107 | , 5 01401 | 40.4 J | | 33* (1) | 5 |

Surrogate Quality Control

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

Analysis Name: Volatile Headspace Hydrocarbon

Batch number: 091100006A Propene

| | _ | | | |
|---------|--------|--|--|--|
| 5646767 | 63 | | | |
| 5646768 | 56 | | | |
| 5646769 | 72 | | | |
| 5646770 | 57 | | | |
| Blank | 121 | | | |
| LCS | 115 | | | |
| MS | 75 | | | |
| MSD | 82 | | | |
| | | | | |
| Limits: | 42-131 | | | |

*- Outside of specification

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



78-113

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77-113

Page 4 of 4

Quality Control Summary

Client Name: Atlantic Richfield(Parsons-NY) Group Number: 1140555

Reported: 04/24/09 at 03:26 PM

80-116

Limits:

Surrogate Quality Control

80-113

Analysis Name: Appendix IX by 8260 - water Batch number: Y091061AA

| | Dibromofluoromethane | 1,2-Dichloroethane-d4 | Toluene-d8 | 4-Bromofluorobenzene |
|---------|----------------------|-----------------------|------------|----------------------|
| 5646767 | 96 | 95 | 92 | 86 |
| 5646768 | 97 | 98 | 92 | 88 |
| 5646769 | 96 | 94 | 93 | 86 |
| 5646770 | 93 | 94 | 93 | 86 |
| 5646771 | 96 | 95 | 92 | 85 |
| 5646772 | 93 | 96 | 93 | 92 |
| 5646773 | 94 | 92 | 93 | 92 |
| Blank | 96 | 96 | 91 | 85 |
| LCS | 96 | 93 | 93 | 91 |
| MS | 93 | 96 | 93 | 92 |
| MSD | 94 | 92 | 93 | 92 |

^{*-} Outside of specification

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

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

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



Project Name: BP Sanborn LLI Group #: 1140555

General Comments:

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

See the Laboratory Chronicle section of the Analysis Report for the method references.

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

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

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

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

Analysis Specific Comments:

06886: Appendix IX by 8260 - water

Batch #: Y091061AA (Sample number(s): 5646767-5646773 UNSPK: 5646771)

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

<u>Sample #s: 5646767, 5646768, 5646769, 5646770, 5646771, 5646772, 5646773</u>

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

00228: Sulfate

Batch #: 09105196602A (Sample number(s): 5646767-5646770 UNSPK: 5646767 BKG: 5646767)

The recovery for the above analytes in the MS was outside the acceptance window.

07547: Dissolved Organic Carbon

Batch #: 09111049501A (Sample number(s): 5646767-5646770 UNSPK: 5646767 BKG: 5646767)

The duplicate RPD for the above analyte exceeded the acceptance window.

04001: Chemical Oxygen Demand

Batch #: 09110400101A (Sample number(s): 5646767-5646770 UNSPK: P646335 BKG: P646335)

The duplicate RPD for the above analyte exceeded the acceptance window.

Acct # 12495 Grp # 1140555 Sam Atlantic Laboratory Management Program LaMP Ch BP/ARC Project Name: BP,Sanborn

| عام. | # 5646 | 767-74 y Rec ord | | |
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| hain | of Custody | / Record | Page _ / o | of |

| (| Company O A BP affiliated corrigany | BP/ARC Pro | oject Name: cility No: | BP. | ,San | born | | | | | | | | - | | Due Work | | | | | | | | | Rush 1 | ΓΑΤ: Yes | · | No |
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| ab Na | ame: Lancaster Labs | | | BP/ | ARC | Facil | ity Ad | dress | ——. i: | 2040 | Cory | Drive | | | | | | | Cons | ultant | /Contra | ctor: | | Parso | ons | | | |
| ab Ad | ddress: 2425 New Holland Pike, | Lamaster Pl | 1 17601 | City | , Stat | te, Zi | P Cod | de: | | Sant | orn, I | NY 14 | 132 | | | | | · | Cons | ultant | /Contra | ctor Pr | ojec | t No: | 44503 | Ն | | |
| | M: Jasska Oknefiki | | | Lea | | | | | | | | | | | | | | | e 350 Bufi | | Noo | 7 | | | | | | |
| | hone: (717) 656-2300 × 1815 | • | | Cali | ifornia | Gloi | bal ID | No.: | | | | | | | | | | | | | | | | | ge Hermance | | 11.53 | <u>* </u> |
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| ab Bo | ottle Order No: 74256/ | | | Aco | ountii | ng Mo | ode: | | Pro | vision | Ю | . 00 | C-BU | | 00 | C-RM | | | Emai | EDD | To: L | .orraine | 3 We | eber | | | | |
| Other | Info; | | <i>,</i> | Stag | ge: 50 Activity: 21 | | | | | | | | | | | Invoid | e To: | | BP/A | RC. | Х | Contr | actor | | | | | |
| | RC EBM: William Barber | | | | Matrix No. Containers / Preserva | | | | | ervat | ive | | | F | lequ | estec | i Ana | lyses | | | | Repor | t Type & | QC L | evel | | | |
| BM P | Phone: (216) 271-8038 | | | 1 | | | | e E | | ļ | | | | | | 75 | . [| | | | Ş | | \exists | | | Standard | | |
| | mail: Borber Wo @ BP. com | | . | | | | | Containe | | Ì | } | | } | } | | -40 | - | ಬ | | 200 | 100.4 | | [| | Full Dat | a Package | | |
| Lab No. | Sample Description | Date | Time | Soil / Solid | Water / Liquid | Air / Vapor | | Total Number of Con | Unpreserved | H ₂ SO₄ | HNO ₃ | HC. | Methanol | | 8260 | 8015B/854508-175 | DOC 415.1 | BOD SZINB | COD 410.4 | Iron / Mongane | C1,504,103, NO2 | | | | Note: If sample Sample" in com and initial any p | nments and : | d, indica | trike out |
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Acc+#12495 2495 Grp#1140555 Sample# 5646767-74 Laboratory Management Program LaMP Chain of Custody Record BP/ARC Project Name: BP,Sanborn

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| Rush TAT: Yes | No |

| | A BP affiliated company | BP/ARC Fac | cility No: | | | | | | | | | | | | Lab | Work | Ord | er Nu | ımbe | r: | | | | | | | |
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| ab Na | ame: Lancaster Labs | | | BP/A | \RC | Facili | y Adı | dress | : | 2040 | Cory | Drive | | | | | | | Cons | ultant | Contra | actor: | | Parso | ons | | |
| ab Ad | Idress: 2428 New Holland Pik | e lawaste | PA news | City, | Stat | e, Zif | Cod | e: | | Sanb | orn, N | IY 141 | 132 | | Consultant/Contractor Project No: 445632 | | | | | | | | | | | | |
| | 11: Jessica Oknefski | | | Lead | Reg | gulato | ry Ag | ency: | | NYSI | DEC | | | | | | | | Addre | 88: 4 | olak | Zyk | ere Dr. Sunte 350 Bufallo, M. 14202 | | | | |
| | ione: (717) 656-2300 × 1815 | | | Calif | omia | Glob | al ID | No.: | | | | | | | | | | | Consultant/Contractor PM: George Hermance | | | | | | | | |
| ab Sh | ipping Accet: | | | Enfo | s Pr | oposa | No: | 0 | 001 | w | -0 | 010 | 1 | | | | | | Phone: 716 407-4990 | | | | | | | | |
| ab Bo | ttle Order No: 74256 / | | | Acco | ountia | ng Mo | de: | | Pro | vision | 10 | 00 | C-BU | | OOC-RM Email EDD To: Lorraine Weber | | | | | | | | | | | | |
| Other I | nfo: | | | Stag | ge: SO Activity: 21 | | | | | | | | | | | | Invoic | e To: | | BP. | /ARC | <u>×</u> | Contractor | ſ <u></u> | | | |
| 3P/AR | C EBM: William Barber | | - | <u> </u> | Matrix No. Containers / Preservative | | | | | | VB | | | R | eque | sted | Ana | lyses | | | | Report Ty | pe & QC L | evel . | | | |
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| ВМ Е | mail: Borberuba BP. com | | |] | | | | Containers | | | | | | | | | | | ľ | 3 | ~ব | | | | Full Data Pa | ckage | |
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| | er's Name: Richard C. Becker | | · | + | - 2 | | | | | ly / A | milia | ion | | | Da | | Tin | | | | Acce | ptec | I By / | Affil | ilation | Date | Time |
| | er's Company: O&M Enterprises, | | 1.1 | <u>∤</u> ⊁ | 1 | _0 | | <u>Z~</u> | kn | | | | | | 44 | 69 | B: | 201 | | _ | 1 | _ | # | _ | | | |
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Environmental Sample Administration Receipt Documentation Log

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| | | | Temperature of | | | ners | | | | | | |
| Cooler # | Thermometer ID | Temperature (°C) | Temp Bottle (TB) or Surface Temp (ST) | Dry | ice (WI) or ice (DI) or Packs (IP) | Ice Prese Y/N | nt? Bagged | Ice (B) | Comments | | | |
| 1 | on | 2.0.0 | TB | ι | J 1 | U | 1 3 | | | | | |
| 2 | | 1.6% | | , | | 1 | 1 | | | | | |
| 3 | | | | | | | | | | | | |
| · 4 | | | | | | | | | | | | |
| 5 | | | | | | | | | | | | |
| 6 | | | | | | | | 7 | | | | |
| Numbe | r of Trip Blanl | ks received <u>N</u> | OT listed on chain | of cu | stody: 니 | (no. | t labele | <u>a)</u> | | | | |
| Paperv | Paperwork Discrepancy/Unpacking Problems: | | | | | | | | | | | |
| | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| | | Sa | mple Administration | n Inte | rnal Chain | of Cus | stody | | | | | |
| 1 | Name | | Date | | Time | T | | on for | Fransfer | | | |
| JW | run Deur | A | 4/15/00 | 15/09 1/20 | | | Unpacking | tos | torago | | | |
| IK. | notin 2 | Righ | 4-15-09 | 1-09 1327 | | | Place in Stor | age o | or Entry | | | |
| | | 0 | | | | | Entry | | | | | |

Entry

Lancaster Laboratories Explanation of Symbols and Abbreviations

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

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

- < less than The number following the sign is the <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 of gas per liter of gas.

Inorganic Qualifiers

- ppb parts per billion
- **Dry weight**Results printed under this heading have been adjusted for moisture content. This increases the analyte weight concentration to approximate the value present in a similar sample without moisture.

U.S. EPA data qualifiers:

| 9 | lifier | (uu | 9 | u | " 9 | • |
|---|--------|-----|---|-------|-----|---|

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

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

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

WARRANTY AND LIMITS OF LIABILITY – In accepting analytical work, we warrant the accuracy of test results for the sample as submitted. THE FOREGOING EXPRESS WARRANTY IS EXCLUSIVE AND IS GIVEN IN LIEU OF ALL OTHER WARRANTIES, EXPRESSED OR IMPLIED. WE DISCLAIM ANY OTHER WARRANTIES, EXPRESSED OR IMPLIED, INCLUDING A WARRANTY OF FITNESS FOR PARTICULAR PURPOSE AND WARRANTY OF MERCHANTABILITY. IN NO EVENT SHALL LANCASTER LABORATORIES BE LIABLE FOR INDIRECT, SPECIAL, CONSEQUENTIAL, OR INCIDENTAL DAMAGES INCLUDING, BUT NOT LIMITED TO, DAMAGES FOR LOSS OF PROFIT OR GOODWILL REGARDLESS OF (A) THE NEGLIGENCE (EITHER SOLE OR CONCURRENT) OF LANCASTER LABORATORIES AND (B) WHETHER LANCASTER LABORATORIES HAS BEEN INFORMED OF THE POSSIBILITY OF SUCH DAMAGES. We accept no legal responsibility for the purposes for which the client uses the test results. No purchase order or other order for work shall be accepted by Lancaster Laboratories which includes any conditions that vary from the Standard Terms and Conditions of Lancaster Laboratories and we hereby object to any conflicting terms contained in any acceptance or order submitted by client.

APPENDIX C

WATER QUALITY DATABASE JANUARY 2001 THROUGH JUNE 2009

| Well | IY- | B- 3M |
|------|-----|-------|
| | | |

| Date | Lab Sample Id | Method | Carbon tetrachloride (ug/L) | Chloroform (ug/L) | 1,1- Dichloro- ethane (ug/L) | 1,1- Dichloro ethene (ug/L) | Methylene chloride (ug/L) | Trans-1,2- dichloro- ethene (ug/L) | Cis-1,2- dichloro- ethene (ug/L) | 1,1,1- Trichloro- ethane (ug/L) | Trichloro- ethene (ug/L) | Tetrachloro- ethene (ug/L) | Vinyl chloride (ug/L) | Total (ug/L) |
|------------|---------------|----------|-----------------------------------|----------------------|---------------------------------------|--------------------------------------|---------------------------------|---|---|--|--------------------------------|----------------------------------|-----------------------------|-----------------|
| 07/13/2001 | A1663812 | 8021 | ND | ND | 0.34 J | ND | ND | 1.6 | 50 | ND | 4.1 | ND | 2 | 58.04 |
| 07/12/2002 | A2713901 | 8021 | ND | ND | 2.4 | ND | 2.2 J | 13 | 360 | ND | 36 | 1.8 | 18 | 433.4 |
| 07/08/2003 | A3649103 | 8021 | ND | ND | ND | ND | 7.4 | 8.5 | 490 | ND | 14 | ND | 5 | 524.9 |
| 07/06/2004 | A4636508 | 8021 | ND | ND | 2.6 | 4.4 | ND | 7.3 | 190 | ND | 29 | ND | 18 | 251.3 |
| 07/14/2005 | A5740501 | 8260/5ML | . ND | ND | ND | ND | ND | 3.8 | 75 | ND | 6.7 | ND | 7.7 | 93.2 |
| 07/14/2006 | 6G14010-08 | 8260B | ND | ND | ND | ND | ND | 2 | 41 | ND | 3 | ND | 4 | 50 |
| 07/09/2007 | 7G10002-01 | 8260B | ND | ND | ND | ND | ND | ND | 33 | ND | 2 | ND | 11 | 46 |
| 07/23/2008 | 5423254 | 8260B | ND | ND | 1.1 J | 1 J | ND | 4.3 J | 190 | ND | 19 | ND | 14 | 229.4 |

ND - Not detected, indicates parameter was analyzed for, but not detected at or above the reporting limit.

To address the NYSDEC concerns regarding the presentation and plotting of nondetected values, the data for 2001 to 2004 has been reevaluated and interpreted as follows:

1) Nondetected concentrations have been represented as ND for reporting purposes.

2) Total VOCs have been recalculated and represented as the sum of the detected parameters shown on this table.

3) The method change to 8260 was approved by the NYSDEC and changed in January 2005.

| Well Id: | B- 4M |
|----------|-------|
| | |

| Date | Lab Sample Id | Method | Carbon tetrachloride (ug/L) | Chloroform (ug/L) | 1,1- Dichloro- ethane (ug/L) | 1,1- Dichloro ethene (ug/L) | Methylene chloride (ug/L) | Trans-1,2- dichloro- ethene (ug/L) | Cis-1,2- dichloro- ethene (ug/L) | 1,1,1- Trichloro- ethane (ug/L) | Trichloro- ethene (ug/L) | Tetrachloro- ethene (ug/L) | Vinyl chloride (ug/L) | Total (ug/L) |
|------------|---------------|----------|-----------------------------------|----------------------|---------------------------------------|--------------------------------------|---------------------------------|---|---|--|--------------------------------|----------------------------------|-----------------------------|-----------------|
| 07/13/2001 | A1663816 | 8021 | ND | ND | ND | ND | 0.58 J | 1.6 | 61 | ND | 5.5 | ND | 1.5 J | 70.18 |
| 07/12/2002 | A2713906 | 8021 | ND | ND | ND | ND | ND | 1.5 | 47 | ND | 5 | ND | 5.6 | 59.1 |
| 07/08/2003 | A3649109 | 8021 | ND | ND | ND | ND | ND | 2.3 | 67 | ND | 7.8 | ND | 6.4 | 83.5 |
| 07/06/2004 | A4636506 | 8021 | ND | ND | ND | ND | ND | 1.9 | 38 | ND | 8.2 | ND | 10 | 58.1 |
| 07/14/2005 | A5740502 | 8260/5ML | . ND | ND | ND | ND | ND | 1.8 | 36 | ND | 5.4 | ND | 12 | 55.2 |
| 07/14/2006 | 6G14010-07 | 8260B | ND | ND | ND | ND | ND | 2 | 28 | ND | 5 | ND | 20 | 55 |
| 07/09/2007 | 7G10002-02 | 8260B | ND | ND | ND | ND | ND | 1 | 24 | ND | 4 | ND | 22 | 51 |
| 07/23/2008 | 5423255 | 8260B | ND | ND | ND | ND | ND | 1.8 J | 41 | ND | 5.1 | ND | 12 | 59.9 |

ND - Not detected, indicates parameter was analyzed for, but not detected at or above the reporting limit.

To address the NYSDEC concerns regarding the presentation and plotting of nondetected values, the data for 2001 to 2004 has been reevaluated and interpreted as follows:

1) Nondetected concentrations have been represented as ND for reporting purposes.

2) Total VOCs have been recalculated and represented as the sum 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- 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- ethene (ug/L) | 1,1,1- Trichloro- ethane (ug/L) | Trichloro- ethene (ug/L) | Tetrachloro- ethene (ug/L) | Vinyl chloride (ug/L) | Total (ug/L) |
|------------|---------------|----------|-----------------------------------|----------------------|---------------------------------------|--------------------------------------|---------------------------------|---|---|--|--------------------------------|----------------------------------|-----------------------------|-----------------|
| 07/13/2001 | A1663817 | 8021 | ND | ND | ND | ND | ND | 0.47 J | 18 | ND | 20 | ND | ND | 38.47 |
| 07/15/2002 | A2723102 | 8021 | ND | ND | ND | ND | ND | ND | 3.8 | ND | 9.5 | ND | ND | 13.3 |
| 07/10/2003 | A3654101 | 8021 | ND | ND | ND | ND | ND | ND | 4.5 | ND | 13 | ND | ND | 17.5 |
| 07/07/2004 | A4636503 | 8021 | ND | ND | ND | ND | ND | 1.1 | 16 | ND | 72 | ND | ND | 89.1 |
| 07/12/2005 | A5733201 | 8260/5ML | _ ND | ND | ND | ND | ND | ND | 3.8 | ND | 12 | ND | ND | 15.8 |
| 07/18/2006 | 6G19003-09RE1 | 8260B | ND | ND | ND | ND | 6 B | ND | 9 | ND | 36 | ND | ND | 51 |
| 07/09/2007 | 7G10002-03 | 8260B | ND | ND | ND | ND | ND | ND | 2 | ND | 6 | ND | ND | 8 |
| 07/23/2008 | 5423256 | 8260B | ND | ND | ND | ND | ND | 1.5 J | 54 | ND | 290 | ND | 3 J | 348.5 |

ND - Not detected, indicates parameter was analyzed for, but not detected at or above the reporting limit.

To address the NYSDEC concerns regarding the presentation and plotting of nondetected values, the data for 2001 to 2004 has been reevaluated and interpreted as follows:

1) Nondetected concentrations have been represented as ND for reporting purposes.

2) Total VOCs have been recalculated and represented as the sum 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- 6M

Well Id:

01/09/2007

04/04/2007

07/11/2007

10/10/2007

01/08/2008

04/07/2008

07/22/2008

10/17/2008

01/15/2009

04/16/2009

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- ethene (ug/L) | 1,1,1- Trichloro- ethane (ug/L) | Trichloro- ethene (ug/L) | Tetrachloro- ethene (ug/L) | Vinyl chloride (ug/L) | Total (ug/L) |
|---|------------|---------------|----------|-----------------------------------|----------------------|---------------------------------------|--------------------------------------|---------------------------------|---|---|--|--------------------------------|----------------------------------|-----------------------------|-----------------|
| - | 01/16/2001 | A1043907 | 8021 | ND | ND | ND | ND | ND | ND | 2.7 | ND | 16 | ND | ND | 18.7 |
| | 04/16/2001 | A1345808 | 624 | ND | ND | ND | ND | ND | ND | 1.8 | ND | 18 | ND | ND | 19.8 |
| | 07/13/2001 | A1663814 | 8021 | ND | ND | ND | ND | ND | ND | 1.1 | ND | 12 | ND | ND | 13.1 |
| | 10/10/2001 | A1994701 | 8021 | ND | ND | ND | ND | ND | ND | 1.7 | ND | 19 | ND | ND | 20.7 |
| | 01/23/2002 | A2076801 | 8021 | ND | ND | ND | ND | ND | 0.66 J | 27 | ND | 51 | ND | ND | 78.66 |
| | 04/12/2002 | A2351803 | 8021 | ND | ND | ND | ND | ND | ND | 9.8 | ND | 100 | ND | ND | 109.8 |
| | 07/12/2002 | A2713909 | 8021 | ND | ND | ND | ND | ND | ND | 11 | ND | 69 | ND | ND | 80 |
| | 10/08/2002 | A2999301 | 8021 | ND | ND | ND | ND | ND | ND | 9.1 | ND | 52 | ND | ND | 61.1 |
| | 01/21/2003 | A3069002 | 8021 | ND | ND | ND | ND | ND | ND | 6.3 | ND | 47 | ND | ND | 53.3 |
| | 04/09/2003 | A3329501 | 8021 | ND | ND | ND | ND | 24 | ND | 8.1 | ND | 48 | ND | ND | 80.1 |
| | 07/08/2003 | A3649108 | 8021 | ND | ND | ND | ND | ND | ND | 9.4 | ND | 60 | ND | ND | 69.4 |
| | 10/13/2003 | A3991405 | 8021 | ND | ND | ND | ND | ND | ND | 34 | ND | 130 | ND | ND | 164 |
| | 01/28/2004 | A4077401 | 8021 | ND | ND | ND | ND | 2.9 | ND | 37 | ND | 260 | ND | ND | 299.9 |
| | 04/20/2004 | A4356802 | 8021 | ND | ND | ND | ND | ND | ND | 22 | ND | 240 | ND | ND | 262 |
| | 07/07/2004 | A4636502 | 8021 | ND | ND | ND | ND | ND | ND | 16 | ND | 130 | ND | ND | 146 |
| | 10/21/2004 | A4A48001 | 8021 | ND | ND | ND | ND | ND | ND | 18 | ND | 100 E | ND | ND | 118 |
| | 01/17/2005 | A5044302 | 8260 | ND | ND | ND | ND | ND | ND | 10 | ND | 110 | ND | ND | 120 |
| | 04/05/2005 | A5317802 | 8260 | ND | ND | ND | ND | 0.93 J | ND | 6.7 | ND | 91 E | 0.55 J | ND | 99.18 |
| | 04/05/2005 | A5317802DL | 8260 | ND | ND | ND | ND | ND | ND | 6.3 D | ND | 95 D | ND | ND | 101.3 |
| | 07/12/2005 | A5733202 | 8260/5ML | . ND | ND | ND | ND | ND | ND | 6.2 | ND | 58 | ND | ND | 64.2 |
| | 10/05/2005 | A5B10602 | 8260 | ND | ND | ND | ND | ND | 0.64 J | 22 | ND | 97 | ND | 1.1 J | 120.74 |
| | 01/24/2006 | A6089111 | 8260 | ND | ND | ND | ND | ND | ND | 7.3 | ND | 61 | ND | ND | 68.3 |
| | 04/12/2006 | 6D13005-03 | 8260B | ND | ND | ND | ND | ND | ND | 10 | ND | 99 | ND | ND | 109 |
| | 07/18/2006 | 6G19003-14 | 8260B | ND | ND | ND | ND | 5 B | ND | 18 | ND | 109 | ND | ND | 132 |
| | 10/10/2006 | 6J11002-06 | 8260B | ND | ND | ND | ND | ND | 2 | 73 | ND | 414 D | ND | 4 | 493 |

8260B

7A10006-03

7D05011-01

7G12003-07

7J11002-02

8A09005-06

8D08002-06

5422164

5502671

5578622

5649163

ND

3 B

ND

ND

ND

4

18 B

ND

ND

ND

ND

ND

ND

ND

1

3

ND

1 J

ND

0.92 J

0.9 J

21

13

13

45

99

33

26

10

26

27

ND

205 D

150

137

258 D

500 D

346

230

95

210

270

ND

3

ND

ND

ND

ND

ND

ND

229

163

150

307

606

397

257

105

236.92

297.9

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- 7M | |
|----------------|--|
|----------------|--|

| Date | Lab Sample Id | Method | Carbon tetrachloride (ug/L) | Chloroform (ug/L) | 1,1- Dichloro- ethane (ug/L) | 1,1- Dichloro ethene (ug/L) | Methylene chloride (ug/L) | Trans-1,2- dichloro- ethene (ug/L) | Cis-1,2- dichloro- ethene (ug/L) | 1,1,1- Trichloro- ethane (ug/L) | Trichloro- ethene (ug/L) | Tetrachloro- ethene (ug/L) | Vinyl chloride (ug/L) | Total (ug/L) |
|------------|---------------|----------|-----------------------------------|----------------------|---------------------------------------|--------------------------------------|---------------------------------|---|---|--|--------------------------------|----------------------------------|-----------------------------|-----------------|
| 01/11/2001 | A1035103 | 8021 | ND | ND | ND | ND | ND | ND | 1.8 | ND | 2.2 | ND | ND | 4 |
| 04/20/2001 | A1366402 | 624 | ND | ND | ND | ND | ND | ND | 2.9 | ND | 3.2 | ND | ND | 6.1 |
| 07/12/2001 | A1663801 | 8021 | ND | ND | ND | ND | ND | ND | 0.5 J | ND | 1.8 | ND | ND | 2.3 |
| 10/10/2001 | A1994702 | 8021 | ND | ND | ND | ND | ND | ND | 0.59 J | ND | 1.9 | ND | ND | 2.49 |
| 01/21/2002 | A2066003 | 8021 | ND | ND | ND | ND | ND | ND | 1.1 | ND | 4.6 | ND | ND | 5.7 |
| 04/11/2002 | A2348301 | 8021 | ND | ND | ND | ND | ND | ND | 1.5 | ND | 11 | ND | ND | 12.5 |
| 07/11/2002 | A2708314 | 8021 | ND | ND | ND | ND | ND | ND | 2.3 | ND | 7.7 | ND | ND | 10 |
| 10/08/2002 | A2999307 | 8021 | ND | ND | ND | ND | ND | ND | 1.8 | ND | 7.2 | ND | ND | 9 |
| 01/16/2003 | A3055803 | 8021 | ND | 3.1 | ND | ND | ND | ND | 0.92 J | ND | 4 | ND | ND | 8.02 |
| 04/08/2003 | A3329504 | 8021 | ND | ND | ND | ND | ND | ND | 2.3 | ND | 8.6 | ND | ND | 10.9 |
| 07/08/2003 | A3649101 | 8021 | ND | ND | ND | ND | ND | ND | 0.85 J | ND | 5.4 | ND | ND | 6.25 |
| 10/10/2003 | A3983901 | 8021 | ND | ND | ND | ND | ND | ND | 28 | ND | 63 | ND | ND | 91 |
| 01/09/2004 | A4026201 | 8021 | ND | ND | ND | ND | ND | ND | 6.7 | ND | 25 | ND | ND | 31.7 |
| 04/14/2004 | A4331802 | 8021 | ND | ND | ND | ND | ND | ND | 4.4 | ND | 21 | ND | ND | 25.4 |
| 06/30/2004 | A4619301 | 8021 | ND | ND | ND | ND | ND | ND | 3.7 | ND | 18 | ND | ND | 21.7 |
| 10/26/2004 | A4A60202 | 8021 | ND | ND | ND | ND | ND | ND | 3.9 | ND | 12 | ND | ND | 15.9 |
| 01/18/2005 | A5051004 | 8260 | ND | ND | ND | ND | ND | ND | 1.3 | ND | 8.6 | ND | ND | 9.9 |
| 04/04/2005 | A5307701 | 8260 | ND | ND | ND | ND | ND | ND | 1.6 | ND | 12 B | ND | ND | 13.6 |
| 07/12/2005 | A5725601 | 8260/5ML | . ND | ND | ND | ND | ND | ND | 1.8 | ND | 8.2 | ND | ND | 10 |
| 07/17/2006 | 6G18004-02 | 8260B | ND | ND | ND | ND | ND | ND | 2 | ND | 8 | ND | ND | 10 |
| 07/10/2007 | 7G11015-01 | 8260B | ND | ND | ND | ND | ND | ND | 1 | ND | 7 | ND | ND | 8 |
| 07/23/2008 | 5423259 | 8260B | ND | ND | ND | ND | ND | ND | 2.2 J | ND | 7.7 | ND | ND | 9.9 |

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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.

| Well Id: | B- 8M | |
|----------|-------|--|
|----------|-------|--|

| Date | Lab Sample Id | Method | Carbon tetrachloride (ug/L) | Chloroform (ug/L) | 1,1- Dichloro- ethane (ug/L) | 1,1- Dichloro ethene (ug/L) | Methylene chloride (ug/L) | Trans-1,2- dichloro- ethene (ug/L) | Cis-1,2- dichloro- ethene (ug/L) | 1,1,1- Trichloro- ethane (ug/L) | Trichloro- ethene (ug/L) | Tetrachloro- ethene (ug/L) | Vinyl chloride (ug/L) | Total (ug/L) |
|------------|---------------|----------|-----------------------------------|----------------------|---------------------------------------|--------------------------------------|---------------------------------|---|---|--|--------------------------------|----------------------------------|-----------------------------|-----------------|
| 01/12/2001 | A1035104 | 8021 | ND | ND | ND | ND | 620 | ND | 1400 | ND | 7400 | ND | ND | 9420 |
| 04/24/2001 | A1375204 | 8021 | ND | ND | ND | ND | ND | ND | 2400 | ND | 24000 | ND | ND | 26400 |
| 07/11/2001 | A1648705 | 8021 | ND | ND | ND | ND | 500 | ND | 700 | ND | 11000 | ND | ND | 12200 |
| 10/17/2001 | A1A23313 | 8021 | ND | ND | ND | ND | 980 | ND | 8500 | ND | 64000 | ND | ND | 73480 |
| 01/25/2002 | A2081501 | 8021 | ND | ND | ND | ND | 170 | ND | 2400 | ND | 35000 D | ND | ND | 37570 |
| 04/22/2002 | A2391102 | 8021 | ND | ND | ND | ND | 540 | ND | ND | ND | 22000 | ND | ND | 22540 |
| 07/17/2002 | A2732602 | 8021 | ND | ND | ND | ND | 1500 | ND | 4700 | ND | 73000 | ND | ND | 79200 |
| 10/15/2002 | A2A23602 | 8021 | ND | ND | ND | ND | ND | ND | 7100 | ND | 41000 | ND | ND | 48100 |
| 01/24/2003 | A3075209 | 8021 | ND | ND | ND | ND | ND | ND | 1900 | ND | 10000 | ND | ND | 11900 |
| 04/24/2003 | A3389604 | 8021 | ND | ND | ND | ND | 530 | ND | 2100 | ND | 23000 | ND | ND | 25630 |
| 07/22/2003 | A3699407 | 8021 | ND | ND | ND | ND | ND | ND | 9500 | ND | 170000 | ND | ND | 179500 |
| 10/22/2003 | A3A28301 | 8021 | ND | ND | ND | ND | ND | ND | 5300 | ND | 85000 | ND | ND | 90300 |
| 01/22/2004 | A4057101 | 8021 | ND | ND | ND | ND | ND | 330 | 330 | ND | 12000 | ND | ND | 12660 |
| 04/30/2004 | A4402504 | 8021 | ND | ND | ND | ND | ND | ND | ND | ND | 24000 | ND | ND | 24000 |
| 07/19/2004 | A4682701 | 8021 | ND | ND | ND | ND | ND | ND | 7800 E | ND | 58000 | ND | ND | 65800 |
| 07/19/2004 | A4682701 | 8260 | ND | ND | ND | ND | 3000 | ND | 3900 | ND | 71000 | ND | ND | 77900 |
| 10/15/2004 | A4A20302 | 8021 | ND | ND | ND | 3.6 | ND | 6.5 | 980 D | ND | 15000 D | 4 | 17 | 16011.1 |
| 01/12/2005 | A5036104 | 8260 | ND | ND | ND | ND | ND | ND | 920 | ND | 65000 E | ND | ND | 65920 |
| 01/12/2005 | A5036104DL | 8260 | | | | | | | 860 D | | 51000 D | | | 51860 |
| 04/19/2005 | A5387403 | 8260 | ND | ND | ND | ND | ND | ND | 430 | ND | 18000 | ND | ND | 18430 |
| 07/15/2005 | A5747101 | 8260/5ML | ND | ND | ND | ND | 200 | ND | 3300 | ND | 34000 E | ND | 320 | 37820 |
| 07/15/2005 | A5747101DL | 8260/5ML | ND | ND | ND | ND | 870 D | ND | 2700 D | ND | 29000 D | ND | 250 D | 32820 |
| 10/24/2005 | A5B97301 | 8260 | ND | ND | 0.93 J | 12 | ND | 13 | 1400 E | 0.61 J | 12000 E | 5.4 | 42 | 13473.94 |
| 10/24/2005 | A5B97301DL | 8260 | ND | ND | ND | ND | ND | ND | 880 D | ND | 56000 BD | ND | ND | 56880 |
| 01/26/2006 | A6102405 | 8260 | ND | ND | ND | ND | ND | ND | 1000 | ND | 36000 | ND | ND | 37000 |
| 04/19/2006 | 6D20002-03RE1 | 8260B | ND | ND | ND | ND | ND | ND | 1020 | ND | 23200 D | ND | 78 | 24298 |
| 07/14/2006 | 6G14010-01 | 8260B | ND | ND | ND | 20 | 115 | 32 | 3450 | ND | 58900 D | ND | 198 | 62715 |
| 10/09/2006 | 6J10002-08 | 8260B | ND | ND | ND | ND | 74 | ND | 975 | ND | 29100 D | ND | ND | 30149 |
| 01/09/2007 | 7A10006-06 | 8260B | ND | ND | ND | ND | 235 | ND | 2580 | ND | 48700 D | ND | 50 | 51565 |
| 04/12/2007 | 7D13007-04 | 8260B | ND | ND | ND | ND | 1160 | ND | 692 | ND | 17800 | ND | ND | 19652 |
| 07/16/2007 | 7G17015-05 | 8260B | ND | ND | ND | ND | 1260 | ND | 4130 | ND | 71500 | ND | ND | 76890 |
| 10/09/2007 | 7J10006-05 | 8260B | ND | ND | ND | ND | ND | ND | 6730 | ND | 120000 D | ND | ND | 126730 |
| 01/07/2008 | 8A08003-02RE1 | 8260B | ND | ND | ND | ND | 500 | ND | 1280 | ND | 30500 | ND | ND | 32280 |
| 04/09/2008 | 8D10002-03 | 8260B | ND | ND | ND | ND | 732 | ND | 4110 | ND | 101000 D | ND | ND | 105842 |
| 07/24/2008 | 5424623 | 8260B | ND | ND | ND | ND | ND | ND | 1400 | ND | 37000 | ND | 28 J | 38428 |
| 10/16/2008 | 5501565 | 8260B | ND | ND | ND | ND | ND | ND | 4600 | ND | 32000 | ND | 200 J | 36800 |
| 01/15/2009 | 5578621 | 8260B | ND | ND | ND | ND | ND | ND | 3100 | ND | 63000 | ND | 87 J | 66187 |

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1) Nondetected concentrations have been represented as ND for reporting purposes.

2) Total VOCs have been recalculated and represented as the sum 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- 8M |
|------|-----|-------|
| | | |

| | Date | Lab Sample Id | Method | Carbon tetrachloride (ug/L) | Chloroform (ug/L) | 1,1- Dichloro- ethane (ug/L) | 1,1- Dichloro ethene (ug/L) | Methylene chloride (ug/L) | Trans-1,2- dichloro- ethene (ug/L) | Cis-1,2- dichloro- ethene (ug/L) | 1,1,1- Trichloro- ethane (ug/L) | Trichloro- ethene (ug/L) | Tetrachloro- ethene (ug/L) | Vinyl chloride (ug/L) | Total (ug/L) |
|---|------------|---------------|--------|-----------------------------------|----------------------|---------------------------------------|--------------------------------------|---------------------------------|---|---|--|--------------------------------|----------------------------------|-----------------------------|-----------------|
| _ | 04/13/2009 | 5647717 | 8260B | ND | ND | ND | ND | ND | ND | 3100 | ND | 61000 | ND | 120 J | 64220 |

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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.

8D08002-07

5417444

5582424

5649164

8260B

8260B

8260B

8260B

ND

04/07/2008

07/16/2008

01/21/2009

04/16/2009

WHEATFIELD, NEW YORK

| Well Id: | B- 9M | | | | | | | | | | | | | |
|------------|---------------|--------|-----------------------------------|----------------------|---------------------------------------|--------------------------------------|---------------------------------|---|---|--|--------------------------------|----------------------------------|-----------------------------|-----------------|
| Date | Lab Sample Id | Method | Carbon tetrachloride (ug/L) | Chloroform (ug/L) | 1,1- Dichloro- ethane (ug/L) | 1,1- Dichloro ethene (ug/L) | Methylene chloride (ug/L) | Trans-1,2- dichloro- ethene (ug/L) | Cis-1,2- dichloro- ethene (ug/L) | 1,1,1- Trichloro- ethane (ug/L) | Trichloro- ethene (ug/L) | Tetrachloro- ethene (ug/L) | Vinyl chloride (ug/L) | Total (ug/L) |
| 07/17/2002 | A2732703 | 8021 | ND | ND | ND | ND | ND | ND | 7.4 | ND | 23 | 1.7 | ND | 32.1 |
| 07/02/2003 | A3639709 | 8021 | ND | ND | ND | ND | ND | ND | 1.4 | ND | 2.8 | ND | ND | 4.2 |
| 06/29/2004 | A4614511 | 8021 | ND | ND | ND | ND | ND | ND | ND | ND | 2 | ND | ND | 2 |
| 07/07/2005 | A5706807 | 8260 | ND | ND | ND | ND | ND | ND | 2.7 | ND | 5.4 | 1.4 | ND | 9.5 |
| 10/24/2005 | A5B97302 | 8260 | ND | ND | ND | ND | ND | ND | ND | ND | 1.3 B | ND | ND | 1.3 |
| 01/24/2006 | A6089109 | 8260 | ND | ND | ND | ND | ND | ND | ND | ND | 0.67 J | ND | ND | 0.67 |
| 04/12/2006 | 6D13005-05 | 8260B | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| 07/13/2006 | 6G14009-05 | 8260B | ND | ND | ND | ND | 3 | ND | 2 | ND | 3 | ND | ND | 8 |
| 10/09/2006 | 6J10002-07 | 8260B | ND | ND | ND | ND | ND | ND | 1 | ND | 4 | ND | ND | 5 |
| 01/05/2007 | 7A05012-03 | 8260B | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| 04/04/2007 | 7D05011-05 | 8260B | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| 07/10/2007 | 7G11015-03 | 8260B | ND | ND | ND | ND | ND | ND | ND | ND | 1 | ND | ND | 1 |
| 10/09/2007 | 7J10006-10 | 8260B | ND | ND | ND | ND | ND | ND | 2 | ND | ND | ND | ND | 2 |
| 01/07/2008 | 8A08003-03 | 8260B | ND | ND | ND | ND | 3 | ND | ND | ND | ND | ND | ND | 3 |

2 B

ND

2

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-10M | | | | | | | | | | | | | |
|------------|---------------|----------|-----------------------------------|----------------------|---------------------------------------|--------------------------------------|---------------------------------|---|---|--|--------------------------------|----------------------------------|-----------------------------|-----------------|
| Date | Lab Sample Id | Method | Carbon tetrachloride (ug/L) | Chloroform (ug/L) | 1,1- Dichloro- ethane (ug/L) | 1,1- Dichloro ethene (ug/L) | Methylene chloride (ug/L) | Trans-1,2- dichloro- ethene (ug/L) | Cis-1,2- dichloro- ethene (ug/L) | 1,1,1- Trichloro- ethane (ug/L) | Trichloro- ethene (ug/L) | Tetrachloro- ethene (ug/L) | Vinyl chloride (ug/L) | Total (ug/L) |
| 07/10/2001 | A1648708 | 8021 | ND | ND | 0.72 J | ND | 1.1 J | 0.64 J | 21 | 4.3 | 43 | ND | ND | 70.76 |
| 07/16/2002 | A2722907 | 8021 | ND | ND | ND | ND | 2.6 | ND | 14 | 4.3 | 56 | ND | ND | 76.9 |
| 04/25/2003 | A3389601 | 8021 | ND | ND | ND | ND | 1.5 J | ND | 10 | 3.6 | 52 | ND | ND | 67.1 |
| 07/18/2003 | A3689004 | 8021 | ND | ND | ND | ND | ND | ND | 7.4 | 2.6 | 40 | ND | ND | 50 |
| 10/22/2003 | A3A21906 | 8021 | ND | ND | ND | ND | ND | ND | 19 | 5.1 | 92 | ND | ND | 116.1 |
| 04/29/2004 | A4402501 | 8021 | ND | ND | ND | ND | ND | ND | 10 | 3.8 | 59 | ND | ND | 72.8 |
| 07/16/2004 | A4674302 | 8260 | ND | ND | ND | ND | 1.3 J | ND | 4.6 | 2 | 36 | ND | ND | 43.9 |
| 07/16/2004 | A4674302 | 8021 | ND | ND | 1.3 | ND | 3.8 E | 1.9 E | 7.6 E | 3.7 E | 45 E | ND | ND | 63.3 |
| 10/15/2004 | A4A20301 | 8021 | ND | ND | ND | ND | 1.3 | 0.51 J | 12 | 4.1 | 39 | ND | ND | 56.91 |
| 04/19/2005 | A5387402 | 8260 | ND | ND | ND | ND | ND | 0.49 J | 6 | 3.5 | 40 E | ND | ND | 49.99 |
| 04/19/2005 | A5387402DL | 8260 | ND | ND | ND | ND | ND | ND | 5.7 D | 3.3 D | 40 D | ND | ND | 49 |
| 07/20/2005 | A5762302 | 8260/5ML | ND | ND | 0.7 J | ND | ND | 0.75 J | 9.1 | 4.8 | 45 | ND | ND | 60.35 |
| 10/24/2005 | A5B97303 | 8260 | ND | ND | 0.67 J | ND | ND | 0.63 J | 11 | 4.6 | 55 B | ND | ND | 71.9 |
| 04/19/2006 | 6D20002-02 | 8260B | ND | ND | ND | ND | ND | ND | 5 | 3 | 30 | ND | ND | 38 |
| 07/18/2006 | 6G19003-01 | 8260B | ND | ND | ND | ND | 4 B | ND | 13 | 6 | 42 | ND | ND | 65 |
| 10/11/2006 | 6J12003-07RE1 | 8260B | ND | ND | ND | ND | ND | ND | 9 | 5 | 53 | ND | ND | 67 |
| 04/18/2007 | 7D19009-02 | 8260B | ND | ND | ND | ND | ND | ND | 4 | 3 | 27 | ND | ND | 34 |
| 07/10/2007 | 7G11015-04 | 8260B | ND | ND | ND | ND | ND | ND | 6 | 4 | 36 | ND | ND | 46 |
| 10/09/2007 | 7J10006-11 | 8260B | ND | ND | ND | ND | ND | 1 | 15 | 5 | 51 | ND | ND | 72 |
| 04/09/2008 | 8D10002-01 | 8260B | ND | ND | ND | ND | 3 | ND | 7 | 3 | 58 | ND | ND | 71 |
| 07/24/2008 | 5424625 | 8260B | ND | ND | ND | ND | ND | 0.81 J | 8.4 | 4.2 J | 43 | ND | ND | 56.41 |
| 10/20/2008 | 5504259 | 8260B | ND | ND | ND | ND | ND | 0.98 J | 12 | 5.1 | 61 | ND | ND | 79.08 |
| 04/20/2009 | 5651166 | 8260B | ND | ND | ND | ND | ND | ND | 5 | 3 J | 35 | ND | ND | 43 |

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1) Nondetected concentrations have been represented as ND for reporting purposes.

2) Total VOCs have been recalculated and represented as the sum of the detected parameters shown on this table.

3) The method change to 8260 was approved by the NYSDEC and changed in January 2005.

| Well Id: B-11M |
|----------------|
|----------------|

| Date | Lab Sample Id | Method | Carbon tetrachloride (ug/L) | Chloroform (ug/L) | 1,1- Dichloro- ethane (ug/L) | 1,1- Dichloro ethene (ug/L) | Methylene chloride (ug/L) | Trans-1,2- dichloro- ethene (ug/L) | Cis-1,2- dichloro- ethene (ug/L) | 1,1,1- Trichloro- ethane (ug/L) | Trichloro- ethene (ug/L) | Tetrachloro- ethene (ug/L) | Vinyl chloride (ug/L) | Total (ug/L) |
|------------|---------------|----------|-----------------------------------|----------------------|---------------------------------------|--------------------------------------|---------------------------------|---|---|--|--------------------------------|----------------------------------|-----------------------------|-----------------|
| 07/10/2001 | A1648706 | 8021 | ND | ND | ND | ND | 12 | ND | 21 | ND | 270 | ND | ND | 303 |
| 07/16/2002 | A2722909 | 8021 | ND | ND | ND | ND | ND | ND | 230 | ND | 1500 | ND | ND | 1730 |
| 07/10/2003 | A3654302 | 8021 | ND | ND | ND | ND | ND | ND | 160 | ND | 990 | ND | ND | 1150 |
| 07/07/2004 | A4636802 | 8021 | ND | ND | ND | ND | ND | ND | 200 | ND | 1600 | 35 | ND | 1835 |
| 07/14/2005 | A5740602 | 8260/5ML | _ ND | ND | ND | 1.4 | ND | 2.7 | 340 E | ND | 710 E | 87 | 1.3 J | 1142.4 |
| 07/14/2005 | A5740602DL | 8260/5ML | _ ND | ND | ND | ND | ND | ND | 310 D | ND | 2000 D | 57 D | ND | 2367 |
| 07/14/2006 | 6G14010-04 | 8260B | ND | ND | ND | ND | ND | ND | 189 | ND | 1090 | 30 | ND | 1309 |
| 07/16/2007 | 7G17015-08 | 8260B | ND | ND | ND | ND | ND | ND | 155 | ND | 1150 | 67 | ND | 1372 |
| 07/24/2008 | 5424624 | 8260B | ND | ND | ND | ND | ND | 0.87 J | 170 | ND | 700 | 21 | ND | 891.87 |

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1) Nondetected concentrations have been represented as ND for reporting purposes.

2) Total VOCs have been recalculated and represented as the sum 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-12I | VI |
|----------------|----|
|----------------|----|

| Date | Lab Sample Id | Method | Carbon tetrachloride (ug/L) | Chloroform (ug/L) | 1,1- Dichloro- ethane (ug/L) | 1,1- Dichloro ethene (ug/L) | Methylene chloride (ug/L) | Trans-1,2- dichloro- ethene (ug/L) | Cis-1,2- dichloro- ethene (ug/L) | 1,1,1- Trichloro- ethane (ug/L) | Trichloro- ethene (ug/L) | Tetrachloro- ethene (ug/L) | Vinyl chloride (ug/L) | Total (ug/L) |
|------------|---------------|----------|-----------------------------------|----------------------|---------------------------------------|--------------------------------------|---------------------------------|---|---|--|--------------------------------|----------------------------------|-----------------------------|-----------------|
| 07/18/2002 | A2732704 | 8021 | ND | ND | 1 | ND | ND | ND | 30 | 1.4 | 74 | ND | ND | 106.4 |
| 07/02/2003 | A3639710 | 8021 | ND | ND | 8.3 | 1.8 | ND | 3.8 | 87 D | 26 | 82 | ND | ND | 208.9 |
| 06/29/2004 | A4614512 | 8021 | ND | ND | 4 | ND | ND | 2.7 | 71 | 8.3 | 240 | ND | ND | 326 |
| 07/08/2005 | A5715203 | 8260/5ML | . ND | ND | 0.56 J | ND | ND | ND | 7.3 | 1.1 | 30 | ND | ND | 38.96 |
| 07/18/2006 | 6G19003-15 | 8260B | ND | ND | 9 | 3 | 5 B | 4 | 164 | 8 | 581 D | ND | 6 | 780 |
| 07/09/2007 | 7G10002-04RE1 | 8260B | ND | ND | 1 | ND | ND | ND | 20 | 2 | 77 | ND | ND | 100 |
| 07/16/2008 | 5417452 | 8260B | ND | ND | 69 | 13 | ND | 7.8 J | 560 | 110 | 1600 | ND | 17 | 2376.8 |

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1) Nondetected concentrations have been represented as ND for reporting purposes.

2) Total VOCs have been recalculated and represented as the sum of the detected parameters shown on this table.

3) The method change to 8260 was approved by the NYSDEC and changed in January 2005.

| Well Id: | B-13M | | | | | | | | | | | | | |
|------------|---------------|----------|-----------------------------------|----------------------|---------------------------------------|--------------------------------------|---------------------------------|---|---|--|--------------------------------|----------------------------------|-----------------------------|-----------------|
| Date | Lab Sample Id | Method | Carbon tetrachloride (ug/L) | Chloroform (ug/L) | 1,1- Dichloro- ethane (ug/L) | 1,1- Dichloro ethene (ug/L) | Methylene chloride (ug/L) | Trans-1,2- dichloro- ethene (ug/L) | Cis-1,2- dichloro- ethene (ug/L) | 1,1,1- Trichloro- ethane (ug/L) | Trichloro- ethene (ug/L) | Tetrachloro- ethene (ug/L) | Vinyl chloride (ug/L) | Total (ug/L) |
| 04/19/2001 | A1361310 | 624 | ND | ND | ND | ND | ND | 2.6 | 67 | ND | 12 | ND | ND | 81.6 |
| 07/12/2001 | A1663807 | 8021 | ND | 7.6 | ND | ND | 5.5 | 14 | 720 | ND | 120 | ND | ND | 867.1 |
| 07/16/2002 | A2722911 | 8021 | ND | ND | ND | ND | 14 | 18 | 1000 | ND | 140 | ND | ND | 1172 |
| 04/22/2003 | A3376301 | 8021 | ND | ND | ND | ND | 22 | 14 | 1400 | ND | 1400 | ND | 82 | 2918 |
| 07/18/2003 | A3689003 | 8021 | ND | ND | 10 | ND | ND | 12 | 1300 | ND | 470 | ND | 48 | 1840 |
| 10/22/2003 | A3A21905 | 8021 | ND | ND | 12 | ND | ND | 10 | 1600 | ND | 310 | ND | 71 | 2003 |
| 04/27/2004 | A4387501 | 8021 | ND | ND | ND | ND | ND | 16 | 1100 | ND | 89 | ND | 34 | 1239 |
| 07/13/2004 | A4663801 | 8021 | ND | 42 | 16 | 19 | 30 | 27 | 950 | ND | 200 | ND | 40 | 1324 |
| 10/13/2004 | A4A09403 | 8021 | ND | ND | 18 | 5.8 | 1.5 B | 14 | 760 D | 2.4 | 250 D | ND | 21 | 1072.7 |
| 04/19/2005 | A5387404 | 8260 | ND | ND | 21 | 6.9 | ND | 10 | 1100 E | 2.6 | 450 E | ND | 22 | 1612.5 |
| 04/19/2005 | A5387404DL | 8260 | ND | ND | ND | ND | ND | ND | 1100 D | ND | 440 D | ND | ND | 1540 |
| 07/21/2005 | A5768401 | 8260/5ML | ND | ND | 8.5 | 8.4 | ND | 24 | 1100 E | ND | 300 | ND | 9 | 1449.9 |
| 07/21/2005 | A5768401DL | 8260/5ML | ND | ND | ND | ND | ND | 12 D | 640 D | ND | 110 D | ND | 38 D | 800 |
| 10/20/2005 | A5B92004 | 8260 | ND | ND | 6.7 | ND | 6.5 B | 20 | 1000 E | ND | 210 | ND | 13 | 1256.2 |
| 10/20/2005 | A5B92004DL | 8260 | ND | ND | ND | ND | ND | 12 D | 640 D | ND | 140 BD | ND | 22 D | 814 |
| 01/24/2006 | A6089113 | 8260 | ND | ND | 2.8 | ND | 4.2 | 2.3 | 230 | ND | 81 | ND | 4.7 | 325 |
| 04/18/2006 | 6D19002-03 | 8260B | ND | ND | 3 | 1 | ND | 5 | 321 D | ND | 137 | ND | 5 | 472 |
| 07/14/2006 | 6G14010-05 | 8260B | ND | ND | 7 | 5 | 9 | 20 | 838 D | ND | 202 | ND | 59 | 1140 |
| 10/11/2006 | 6J12003-01 | 8260B | ND | ND | 3 | 2 | ND | 8 | 368 D | ND | 73 | ND | 19 | 473 |
| 01/10/2007 | 7A11003-05 | 8260B | ND | ND | 2 | ND | ND | 2 | 225 D | ND | 84 | ND | 7 | 320 |
| 04/12/2007 | 7D13007-01 | 8260B | ND | ND | 1 | ND | ND | 3 | 152 | ND | 63 | ND | 8 | 227 |
| 07/12/2007 | 7G13019-08 | 8260B | ND | ND | 3 | 2 | ND | 10 | 437 D | ND | 127 | ND | 25 | 604 |
| 10/09/2007 | 7J10006-02 | 8260B | ND | ND | ND | ND | ND | 9 | 413 | ND | 122 | ND | 27 | 571 |
| 01/08/2008 | 8A09005-01 | 8260B | ND | ND | ND | ND | ND | ND | 241 | ND | 59 | ND | ND | 300 |
| 04/10/2008 | 8D11008-03 | 8260B | ND | ND | 7 | ND | 12 | 6 | 536 | ND | 456 | ND | 18 | 1035 |
| 07/24/2008 | 5424627 | 8260B | ND | ND | 4.4 J | 4.2 J | ND | 14 | 660 | ND | 210 | ND | 33 | 925.6 |
| 10/15/2008 | 5499970 | 8260B | ND | ND | 3.7 J | 2.6 J | ND | 12 | 470 | ND | 180 | ND | 6.1 | 674.4 |
| 01/14/2009 | 5577590 | 8260B | ND | ND | 4.9 J | 2.1 J | ND | 3.6 J | 260 | 3.4 J | 270 | ND | 3.4 J | 547.4 |
| 04/14/2009 | 5646770 | 8260B | ND | ND | 5.2 | 3.1 J | ND | 7 | 460 | 3.2 J | 460 | ND | 17 | 955.5 |

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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.

| Date | Lab Sample Id | Method | Carbon tetrachloride (ug/L) | Chloroform (ug/L) | 1,1- Dichloro- ethane (ug/L) | 1,1- Dichloro ethene (ug/L) | Methylene chloride (ug/L) | Trans-1,2- dichloro- ethene (ug/L) | Cis-1,2- dichloro- ethene (ug/L) | 1,1,1- Trichloro- ethane (ug/L) | Trichloro- ethene (ug/L) | Tetrachloro- ethene (ug/L) | Vinyl chloride (ug/L) | Total (ug/L) |
|------------|---------------|----------|-----------------------------------|----------------------|---------------------------------------|--------------------------------------|---------------------------------|---|---|--|--------------------------------|----------------------------------|-----------------------------|-----------------|
| 07/17/2002 | A2732701 | 8021 | ND | ND | ND | ND | ND | ND | 160 | ND | 730 | ND | ND | 890 |
| 07/02/2003 | A3639711 | 8021 | ND | ND | ND | ND | ND | 0.83 J | 39 | ND | 260 D | ND | ND | 299.83 |
| 06/29/2004 | A4614507 | 8021 | ND | ND | ND | ND | 12 | ND | 9.1 | ND | 120 | ND | ND | 141.1 |
| 06/29/2004 | A4614507RE | 8021 | ND | ND | ND | ND | 13 | ND | 10 | ND | 130 | ND | ND | 153 |
| 07/08/2005 | A5715204 | 8260/5ML | . ND | ND | ND | ND | ND | 1.8 | 96 | ND | 560 E | 9 | ND | 666.8 |
| 07/08/2005 | A5715204DL | 8260/5ML | . ND | ND | ND | ND | ND | ND | 81 D | ND | 500 D | 6.7 D | ND | 587.7 |
| 07/13/2006 | 6G14009-04 | 8260B | ND | ND | ND | ND | ND | ND | 306 | ND | 1500 D | 9 | 17 | 1832 |
| 07/10/2007 | 7G11015-02RE1 | 8260B | ND | ND | ND | ND | ND | ND | 67 | ND | 541 | 11 | ND | 619 |
| 07/21/2008 | 5420898 | 8260B | ND | ND | ND | ND | ND | 1.1 J | 130 | ND | 300 | 3.9 J | ND | 435 |

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1) Nondetected concentrations have been represented as ND for reporting purposes.

2) Total VOCs have been recalculated and represented as the sum of the detected parameters shown on this table.

3) The method change to 8260 was approved by the NYSDEC and changed in January 2005.

| Well Id: B-15M |
|----------------|
|----------------|

| | Date | Lab Sample Id | Method | Carbon tetrachloride (ug/L) | Chloroform (ug/L) | 1,1- Dichloro- ethane (ug/L) | 1,1- Dichloro ethene (ug/L) | Methylene chloride (ug/L) | Trans-1,2- dichloro- ethene (ug/L) | Cis-1,2- dichloro- ethene (ug/L) | 1,1,1- Trichloro- ethane (ug/L) | Trichloro- ethene (ug/L) | Tetrachloro- ethene (ug/L) | Vinyl chloride (ug/L) | Total (ug/L) |
|----|-----------|---------------|----------|-----------------------------------|----------------------|---------------------------------------|--------------------------------------|---------------------------------|---|---|--|--------------------------------|----------------------------------|-----------------------------|-----------------|
| 07 | 7/12/2001 | A1663802 | 8021 | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| 07 | 7/09/2002 | A2695507 | 8021 | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| 08 | 3/05/2002 | A2793603 | 8021 | ND | ND | ND | ND | ND | ND | ND | ND | 1.4 | ND | ND | 1.4 |
| 07 | 7/15/2003 | A3670606 | 8021 | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| 07 | 7/15/2004 | A4674101 | 8260 | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| 07 | 7/15/2004 | A4674101 | 8021 | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| 07 | 7/20/2005 | A5762203 | 8260/5ML | . ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| 07 | 7/19/2006 | 6G20004-12 | 8260B | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| 07 | 7/17/2007 | 7G18027-08 | 8260B | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| 07 | 7/21/2008 | 5420897 | 8260B | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |

ND - Not detected, indicates parameter was analyzed for, but not detected at or above the reporting limit.

To address the NYSDEC concerns regarding the presentation and plotting of nondetected values, the data for 2001 to 2004 has been reevaluated and interpreted as follows:

1) Nondetected concentrations have been represented as ND for reporting purposes.

2) Total VOCs have been recalculated and represented as the sum of the detected parameters shown on this table.

3) The method change to 8260 was approved by the NYSDEC and changed in January 2005.

B-16M

6G14009-03

7G19011-07

5418429

8260B

8260B

8260B

ND

ND

ND

ND

ND

ND

ND

ND

ND

Well Id:

07/13/2006

07/18/2007

07/17/2008

WHEATFIELD, NEW YORK

ND

ND

ND

ND

ND

ND

| Date | Lab Sample Id | Method | Carbon tetrachloride (ug/L) | Chloroform (ug/L) | 1,1- Dichloro- ethane (ug/L) | 1,1- Dichloro ethene (ug/L) | Methylene chloride (ug/L) | Trans-1,2- dichloro- ethene (ug/L) | Cis-1,2- dichloro- ethene (ug/L) | 1,1,1- Trichloro- ethane (ug/L) | Trichloro- ethene (ug/L) | Tetrachloro- ethene (ug/L) | Vinyl chloride (ug/L) | Total (ug/L) |
|------------|---------------|----------|-----------------------------------|----------------------|---------------------------------------|--------------------------------------|---------------------------------|---|---|--|--------------------------------|----------------------------------|-----------------------------|-----------------|
| 07/17/2002 | A2732702 | 8021 | ND | ND | ND | ND | ND | ND | ND | ND | 2.3 | ND | ND | 2.3 |
| 07/02/2003 | A3639712 | 8021 | ND | ND | ND | ND | ND | ND | ND | ND | 4.7 | ND | ND | 4.7 |
| 07/02/2003 | A3639712RE | 8021 | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | |
| 06/29/2004 | A4614510 | 8021 | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| 07/08/2005 | A5715205 | 8260/5ML | . ND | ND | ND | ND | ND | ND | ND | ND | 0.77 J | ND | ND | 0.77 |

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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| Well Id: | B-17M | | | | | | | | | | | | | |
|------------|---------------|----------|-----------------------------------|----------------------|---------------------------------------|--------------------------------------|---------------------------------|---|---|--|--------------------------------|----------------------------------|-----------------------------|-----------------|
| Date | Lab Sample Id | Method | Carbon tetrachloride (ug/L) | Chloroform (ug/L) | 1,1- Dichloro- ethane (ug/L) | 1,1- Dichloro ethene (ug/L) | Methylene chloride (ug/L) | Trans-1,2- dichloro- ethene (ug/L) | Cis-1,2- dichloro- ethene (ug/L) | 1,1,1- Trichloro- ethane (ug/L) | Trichloro- ethene (ug/L) | Tetrachloro- ethene (ug/L) | Vinyl chloride (ug/L) | Total (ug/L) |
| 01/13/2001 | A1041308 | 8021 | ND | ND | ND | ND | ND | ND | 3100 | ND | 8000 | ND | ND | 11100 |
| 04/20/2001 | A1366401 | 624 | ND | ND | 100 E | 9.7 | ND | 30 | 1500 D | 9.4 | 5300 D | 3.6 | 6.1 | 6958.8 |
| 07/11/2001 | A1648713 | 8021 | ND | ND | ND | ND | 180 | ND | 3700 | ND | 8400 | ND | ND | 12280 |
| 10/16/2001 | A1A17410 | 8021 | ND | ND | ND | ND | 1000 | ND | 2600 | ND | 29000 | ND | ND | 32600 |
| 01/25/2002 | A2081503 | 8021 | ND | 140 | ND | ND | 140 | ND | 4500 | ND | 2800 | ND | 91 | 7671 |
| 04/22/2002 | A2391101 | 8021 | ND | ND | ND | ND | 76 | ND | 12000 | ND | 4300 | ND | 2100 | 18476 |
| 07/17/2002 | A2732601 | 8021 | ND | ND | ND | ND | 160 | ND | 8600 | ND | 5500 | ND | 1800 | 16060 |
| 10/15/2002 | A2A23603 | 8021 | ND | ND | ND | ND | 1000 | ND | 49000 | ND | 17000 | ND | 4300 | 71300 |
| 01/24/2003 | A3075207 | 8021 | ND | ND | ND | ND | 190 | ND | 12000 | ND | 7100 | ND | 2600 | 21890 |
| 04/23/2003 | A3376304 | 8021 | ND | ND | ND | ND | ND | ND | 12000 | ND | 4400 | ND | 1400 | 17800 |
| 07/22/2003 | A3699406 | 8021 | ND | ND | ND | ND | ND | ND | 13000 | ND | 3800 | ND | 1100 | 17900 |
| 10/22/2003 | A3A28302 | 8021 | ND | ND | ND | ND | 170 | ND | 20000 | ND | 2500 | ND | 2600 | 25270 |
| 01/21/2004 | A4053403 | 8021 | ND | ND | ND | ND | ND | ND | 7800 | ND | 5600 | ND | 620 | 14020 |
| 04/28/2004 | A4387504 | 8021 | ND | ND | ND | ND | ND | ND | 8100 | ND | 5300 | ND | 700 | 14100 |
| 07/09/2004 | A4647102 | 8021 | ND | ND | 120 | 220 | ND | ND | 14000 | ND | 3500 | ND | 1600 | 19440 |
| 10/08/2004 | A4994203 | 8021 | ND | ND | ND | ND | ND | ND | 7700 | ND | 3300 | ND | 640 | 11640 |
| 01/18/2005 | A5051102 | 8260 | ND | ND | 100 | 52 | ND | ND | 9600 | ND | 7800 | ND | 1300 | 18852 |
| 04/19/2005 | A5387401 | 8260 | ND | ND | ND | ND | ND | ND | 13000 E | ND | 6900 | ND | 1300 | 21200 |
| 04/19/2005 | A5387401DL | 8260 | ND | ND | ND | ND | ND | ND | 12000 D | ND | 6700 D | ND | 1200 D | 19900 |
| 07/21/2005 | A5768404 | 8260/5ML | ND | ND | 110 | ND | ND | 130 | 15000 | ND | 8600 | ND | 1500 | 25340 |
| 10/21/2005 | A5B92803 | 8260 | ND | ND | 69 | 43 | ND | 60 | 3300 E | 120 E | 2900 E | 0.98 J | 850 E | 7342.98 |
| 10/21/2005 | A5B92803DL | 8260 | ND | ND | ND | ND | ND | ND | 9500 D | 140 D | 8900 D | ND | 1000 D | 19540 |
| 01/26/2006 | A6102401 | 8260 | ND | ND | 67 | ND | ND | ND | 4300 | ND | 8400 | ND | 470 | 13237 |
| 04/19/2006 | 6D20002-04RE1 | 8260B | ND | ND | 48 | 39 | ND | 60 | 9570 D | ND | 7730 D | ND | 1210 | 18657 |
| 07/18/2006 | 6G19003-05 | 8260B | ND | ND | 72 | 40 | 212 B | 61 | 8250 D | 34 | 8170 D | ND | 1320 | 18159 |
| 10/09/2006 | 6J10002-09 | 8260B | ND | ND | 66 | 28 | 129 | 36 | 6730 D | 175 | 12000 D | ND | 798 | 19962 |
| 01/09/2007 | 7A10006-08 | 8260B | ND | ND | ND | ND | 227 | ND | 5190 | ND | 12800 D | ND | 372 | 18589 |
| 04/12/2007 | 7D13007-03 | 8260B | ND | ND | ND | ND | ND | ND | 3100 | ND | 3100 | ND | 475 | 6675 |
| 07/16/2007 | 7G17015-01 | 8260B | ND | ND | ND | ND | ND | ND | 8490 | ND | 2940 | ND | 1510 | 12940 |
| 10/09/2007 | 7J10006-08 | 8260B | ND | ND | ND | ND | 277 | ND | 12300 | ND | 3150 | ND | 2540 | 18267 |
| 01/07/2008 | 8A08003-10 | 8260B | ND | ND | 129 | ND | 350 | ND | 4910 | ND | 3070 | ND | 718 | 9177 |
| 04/09/2008 | 8D10002-02 | 8260B | ND | ND | 184 | ND | 468 | ND | 5820 | 70 | 2530 | ND | 1020 | 10092 |
| 07/25/2008 | 5426027 | 8260B | ND | ND | 71 | 44 J | ND | 45 J | 8000 | 11 J | 3800 | ND | 1300 | 13271 |
| 10/14/2008 | 5498684 | 8260B | ND | ND | 100 | 50 J | ND | 52 | 11000 | 10 J | 3900 | ND | 1500 | 16612 |
| 04/44/0000 | | | | | | | | | | | | | | |

180

210

39

49 J

ND

ND

34

35 J

5900

6600

49

75

2800

3900

910

750

5.8 J

9.4 J

9917.8

11628.4

ND

ND

5577592

5647720

01/14/2009

04/15/2009

ND

ND

8260B

8260B

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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-18M | | | | | | | | | | | | | |
|------------|---------------|--------|-----------------------------------|----------------------|---------------------------------------|--------------------------------------|---------------------------------|---|---|--|--------------------------------|----------------------------------|-----------------------------|-----------------|
| Date | Lab Sample Id | Method | Carbon tetrachloride (ug/L) | Chloroform (ug/L) | 1,1- Dichloro- ethane (ug/L) | 1,1- Dichloro ethene (ug/L) | Methylene chloride (ug/L) | Trans-1,2- dichloro- ethene (ug/L) | Cis-1,2- dichloro- ethene (ug/L) | 1,1,1- Trichloro- ethane (ug/L) | Trichloro- ethene (ug/L) | Tetrachloro- ethene (ug/L) | Vinyl chloride (ug/L) | Total (ug/L) |
| 01/11/2001 | A1035105 | 8021 | ND | ND | 2.2 | ND | ND | 1.2 | 12 | 1.6 | ND | ND | 13 | 30 |
| 04/19/2001 | A1361313 | 624 | ND | ND | 0.38 | ND | ND | ND | 2.5 | ND | 0.24 | ND | 3.4 | 6.52 |
| 07/12/2001 | A1663803 | 8021 | ND | ND | 1.9 | ND | ND | 0.51 J | 12 | 0.47 J | 0.56 J | ND | 15 | 30.44 |
| 10/12/2001 | A1A01001 | 8021 | ND | ND | 1 | ND | ND | 1 | 28 | ND | 0.71 J | ND | 13 | 43.71 |
| 01/14/2002 | A2039402 | 8021 | ND | ND | 0.73 J | ND | ND | 2.4 | 61 D | ND | 1.8 | ND | 17 | 82.93 |
| 04/08/2002 | A2332602 | 8260 | ND | ND | 0.59 J | ND | ND | 2.8 | 56 | ND | 1.7 | ND | 12 | 73.09 |
| 07/08/2002 | A2695503 | 8021 | ND | ND | ND | ND | ND | 1.9 | 59 | ND | ND | ND | 22 | 82.9 |
| 10/02/2002 | A2980603 | 8021 | ND | ND | 0.62 J | ND | ND | 2.2 | 30 | ND | 0.82 J | ND | 14 | 47.64 |
| 01/13/2003 | A3038004 | 8021 | ND | ND | 0.62 J | ND | ND | 1.4 | 18 | ND | ND | ND | 14 | 34.02 |
| 04/21/2003 | A3370801 | 8021 | ND | ND | 0.44 J | ND | 1.8 J | 3.3 | 78 | ND | 4.9 | ND | 18 | 106.44 |
| 07/14/2003 | A3670602 | 8021 | ND | ND | ND | ND | ND | 2.6 | 78 | ND | ND | ND | 12 | 92.6 |
| 10/15/2003 | A3998705 | 8021 | ND | ND | ND | ND | ND | ND | 36 | ND | ND | ND | 19 | 55 |
| 01/07/2004 | A4012302 | 8021 | ND | ND | ND | ND | ND | 5.7 | 120 | ND | ND | ND | 6.1 | 131.8 |
| 04/29/2004 | A4402301 | 8021 | ND | ND | ND | ND | ND | 1.8 | 26 | ND | ND | ND | 16 | 43.8 |
| 07/14/2004 | A4664201 | 8021 | ND | ND | ND | ND | ND | 2.4 | 13 | ND | ND | ND | 11 | 26.4 |
| 10/15/2004 | A4A20701 | 8021 | ND | ND | ND | ND | 1.2 | 1.4 | 33 | ND | ND | ND | 9 | 44.6 |
| 01/12/2005 | A5036402 | 8260 | ND | ND | ND | ND | ND | 2.9 | 45 | ND | ND | ND | 9 | 56.9 |
| 04/04/2005 | A5307809 | 8260 | ND | ND | ND | ND | ND | 4.7 | 72 | ND | ND | ND | 11 | 87.7 |
| 07/15/2005 | A5747001 | 8260 | ND | ND | ND | ND | 1.8 J | 6.6 | 92 E | ND | ND | ND | 32 | 132.4 |
| 07/15/2005 | A5747001DL | 8260 | ND | ND | ND | ND | 2.6 D | 5.2 D | 75 D | ND | ND | ND | 26 D | 108.8 |
| 07/14/2006 | 6G14010-03 | 8260B | ND | ND | ND | ND | ND | 2 | 23 | ND | 1 | ND | 9 | 35 |
| 07/05/2007 | 7G06018-01 | 8260B | ND | ND | ND | ND | ND | 1 | 27 | ND | ND | ND | 11 | 39 |
| 07/23/2008 | 5423260 | 8260B | ND | ND | ND | ND | ND | 1.1 J | 26 | ND | ND | ND | 11 | 38.1 |

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To address the NYSDEC concerns regarding the presentation and plotting of nondetected values, the data for 2001 to 2004 has been reevaluated and interpreted as follows:

1) Nondetected concentrations have been represented as ND for reporting purposes.

2) Total VOCs have been recalculated and represented as the sum of the detected parameters shown on this table.

3) The method change to 8260 was approved by the NYSDEC and changed in January 2005.

| Well Id: | B-19M | | | | | | | | | | | | | |
|------------|---------------|----------|-----------------------------------|----------------------|---------------------------------------|--------------------------------------|---------------------------------|---|---|--|--------------------------------|----------------------------------|-----------------------------|-----------------|
| | Lab Sample Id | Method | Carbon tetrachloride (ug/L) | Chloroform (ug/L) | 1,1- Dichloro- ethane (ug/L) | 1,1- Dichloro ethene (ug/L) | Methylene chloride (ug/L) | Trans-1,2- dichloro- ethene (ug/L) | Cis-1,2- dichloro- ethene (ug/L) | 1,1,1- Trichloro- ethane (ug/L) | Trichloro- ethene (ug/L) | Tetrachloro- ethene (ug/L) | Vinyl chloride (ug/L) | Total (ug/L) |
| 01/12/2001 | A1035110 | 8021 | ND | ND | 1.4 | ND | ND | ND | 6.4 | 1.5 | 0.32 J | ND | 1.4 J | 11.02 |
| 04/19/2001 | A1361309 | 624 | ND | ND | ND | ND | ND | ND | 1.3 | ND | ND | ND | ND | 1.3 |
| 07/12/2001 | A1663806 | 8021 | ND | ND | 0.32 J | ND | ND | ND | 5.5 | 0.27 J | 0.95 J | ND | 0.56 J | 7.6 |
| 10/12/2001 | A1A01005 | 8021 | ND | ND | ND | ND | ND | ND | 2.4 | ND | 0.25 J | ND | 0.24 J | 2.89 |
| 01/14/2002 | A2039401 | 8021 | ND | ND | 0.25 J | ND | ND | ND | 3.4 | 0.25 J | 0.98 J | ND | 1 J | 5.88 |
| 04/08/2002 | A2332601 | 8260 | ND | ND | 0.37 J | ND | ND | ND | 3.4 | 0.22 J | 0.37 J | 0.24 J | 0.35 J | 4.95 |
| 07/08/2002 | A2695501 | 8021 | ND | ND | ND | ND | ND | ND | 4.6 | ND | ND | ND | ND | 4.6 |
| 10/02/2002 | A2980601 | 8021 | ND | ND | 0.32 J | ND | ND | ND | 4.2 | 0.36 J | 1.1 J | ND | 0.43 J | 6.41 |
| 01/13/2003 | A3038002 | 8021 | ND | ND | ND | ND | ND | ND | 2.9 | ND | 1.4 | ND | 0.37 J | 4.67 |
| 04/22/2003 | A3376401 | 8021 | ND | ND | 0.31 J | ND | ND | ND | 4.6 | 0.33 J | ND | ND | 0.92 J | 6.16 |
| 07/14/2003 | A3670601 | 8021 | ND | ND | 0.24 J | ND | ND | ND | 4.9 | 0.21 J | 0.28 J | ND | 0.51 J | 6.14 |
| 10/15/2003 | A3998704 | 8021 | ND | ND | ND | ND | ND | ND | 3.4 | ND | ND | ND | ND | 3.4 |
| 01/07/2004 | A4012301 | 8021 | ND | ND | ND | ND | ND | ND | 2.4 | ND | ND | ND | ND | 2.4 |
| 04/27/2004 | A4387401 | 8021 | ND | ND | ND | ND | ND | ND | 7.2 | ND | ND | ND | ND | 7.2 |
| 07/13/2004 | A4664209 | 8021 | ND | ND | ND | ND | ND | ND | 5.4 | ND | ND | ND | ND | 5.4 |
| 10/13/2004 | A4A09501 | 8021 | ND | ND | ND | ND | ND | ND | 11 | 0.57 J | ND | ND | 1 | 12.57 |
| 01/12/2005 | A5036401 | 8260 | ND | ND | ND | ND | ND | ND | 3.7 | ND | 0.41 J | ND | 0.98 J | 5.09 |
| 04/04/2005 | A5307808 | 8260 | ND | ND | ND | ND | ND | ND | 3.7 | ND | 0.32 BJ | ND | 0.75 J | 4.77 |
| 07/21/2005 | A5768301 | 8260/5ML | ND | ND | ND | ND | ND | ND | 6.3 | ND | ND | ND | 1 J | 7.3 |
| 10/20/2005 | A5B91902 | 8260 | ND | ND | ND | ND | ND | ND | 4 | ND | 0.51 J | ND | 0.92 J | 5.43 |
| 01/24/2006 | A6089112 | 8260 | ND | ND | ND | ND | ND | ND | 4.2 | ND | 0.56 J | ND | 1.3 J | 6.06 |
| 04/18/2006 | 6D19002-04 | 8260B | ND | ND | ND | ND | 2 | ND | 3 | ND | ND | ND | ND | 5 |
| 07/14/2006 | 6G14010-06 | 8260B | ND | ND | ND | ND | 8 | ND | 3 | ND | ND | ND | ND | 11 |
| 10/11/2006 | 6J12003-08 | 8260B | ND | ND | ND | ND | ND | ND | 5 | ND | 1 | ND | ND | 6 |
| 01/08/2007 | 7A09003-05 | 8260B | ND | ND | ND | ND | ND | ND | 3 | ND | ND | ND | ND | 3 |
| 04/12/2007 | 7D13007-02 | 8260B | ND | ND | ND | ND | 8 | ND | 4 | ND | ND | ND | ND | 12 |
| 07/10/2007 | 7G11015-05 | 8260B | ND | ND | ND | ND | ND | ND | 3 | ND | 4 | ND | ND | 7 |
| 10/09/2007 | 7J10006-03 | 8260B | ND | ND | ND | ND | ND | ND | 2 | ND | 16 | ND | ND | 18 |
| 01/07/2008 | 8A08003-05 | 8260B | ND | ND | ND | ND | 2 | ND | 3 | ND | ND | ND | ND | 5 |
| 04/10/2008 | 8D11008-02 | 8260B | ND | ND | ND | ND | ND | ND | 4 | ND | ND | ND | ND | 4 |
| 07/16/2008 | 5417449 | 8260B | ND | ND | ND | ND | ND | ND | 2.5 J | ND | ND | ND | ND | 2.5 |
| 10/15/2008 | 5499969 | 8260B | ND | ND | ND | ND | ND | ND | 3.8 J | ND | 2.2 J | ND | ND | 6 |
| 01/14/2009 | 5577589 | 8260B | ND | ND | ND | ND | ND | ND | 2.6 J | ND | ND | ND | ND | 2.6 |
| 04/14/2009 | 5646769 | 8260B | ND | ND | ND | ND | ND | ND | 3.5 J | ND | ND | ND | 1.3 J | 4.8 |

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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-20M | | | | | | | | | | | | | |
|------------|---------------|----------|-----------------------------------|----------------------|---------------------------------------|--------------------------------------|---------------------------------|---|---|--|--------------------------------|----------------------------------|-----------------------------|-----------------|
| Date | Lab Sample Id | Method | Carbon tetrachloride (ug/L) | Chloroform (ug/L) | 1,1- Dichloro- ethane (ug/L) | 1,1- Dichloro ethene (ug/L) | Methylene chloride (ug/L) | Trans-1,2- dichloro- ethene (ug/L) | Cis-1,2- dichloro- ethene (ug/L) | 1,1,1- Trichloro- ethane (ug/L) | Trichloro- ethene (ug/L) | Tetrachloro- ethene (ug/L) | Vinyl chloride (ug/L) | Total (ug/L) |
| 01/16/2001 | A1043906 | 8021 | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| 04/16/2001 | A1345807 | 624 | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| 07/13/2001 | A1663809 | 8021 | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| 10/10/2001 | A1994703 | 8021 | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| 01/17/2002 | A2058502 | 8021 | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| 04/09/2002 | A2332612 | 8260 | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| 07/09/2002 | A2695510 | 8021 | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| 10/03/2002 | A2980611 | 8021 | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| 01/15/2003 | A3043008 | 8021 | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| 04/14/2003 | A3347502 | 8021 | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| 07/15/2003 | A3670608 | 8021 | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| 10/16/2003 | A3A08901 | 8021 | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| 04/20/2004 | A4356904 | 8021 | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| 07/20/2004 | A4682902 | 8021 | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| 10/21/2004 | A4A47806 | 8021 | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| 01/17/2005 | A5043904 | 8260 | ND | ND | ND | ND | ND | ND | ND | ND | 1.5 | ND | ND | 1.5 |
| 04/22/2005 | A5402101 | 8260 | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| 07/22/2005 | A5778401 | 8260/5ML | . ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| 07/18/2006 | 6G19003-10RE1 | 8260B | ND | ND | ND | ND | 6 B | ND | ND | ND | ND | ND | ND | 6 |
| 07/11/2007 | 7G12003-09 | 8260B | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| 07/22/2008 | 5422165 | 8260B | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |

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To address the NYSDEC concerns regarding the presentation and plotting of nondetected values, the data for 2001 to 2004 has been reevaluated and interpreted as follows:

1) Nondetected concentrations have been represented as ND for reporting purposes.

2) Total VOCs have been recalculated and represented as the sum of the detected parameters shown on this table.

3) The method change to 8260 was approved by the NYSDEC and changed in January 2005.

| Well Id: | B-21M | | | | | | | | | | | | | |
|------------|---------------|----------|----------------------------------|----------------------|---------------------------------------|--------------------------------------|---------------------------------|---|---|--|--------------------------------|----------------------------------|-----------------------------|-----------------|
| Date | Lab Sample Id | Method | Carbon etrachloride (ug/L) | Chloroform (ug/L) | 1,1- Dichloro- ethane (ug/L) | 1,1- Dichloro ethene (ug/L) | Methylene chloride (ug/L) | Trans-1,2- dichloro- ethene (ug/L) | Cis-1,2- dichloro- ethene (ug/L) | 1,1,1- Trichloro- ethane (ug/L) | Trichloro- ethene (ug/L) | Tetrachloro- ethene (ug/L) | Vinyl chloride (ug/L) | Total (ug/L) |
| 04/23/2001 | A1375208 | 8021 | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| 10/17/2001 | A1A23304 | 8021 | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| 01/17/2002 | A2058505 | 8021 | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| 04/10/2002 | A2347901 | 8260 | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| 07/09/2002 | A2695511 | 8021 | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| 01/16/2003 | A3056001 | 8021 | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| 04/15/2003 | A3356602 | 8021 | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| 07/15/2003 | A3670607 | 8021 | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| 10/15/2003 | A3998706 | 8021 | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| 01/08/2004 | A4026305 | 8021 | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| 04/30/2004 | A4402302 | 8021 | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| 07/15/2004 | A4674102 | 8260 | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| 07/15/2004 | A4674102 | 8021 | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| 10/18/2004 | A4A27801 | 8021 | ND | ND | ND | ND | ND | ND | ND | ND | 1.7 | ND | ND | 1.7 |
| 01/14/2005 | A5038301 | 8260 | ND | ND | ND | ND | ND | ND | ND | ND | 2.5 | ND | ND | 2.5 |
| 04/22/2005 | A5402104 | 8260 | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| 07/25/2005 | A5790301 | 8260/5ML | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| 10/21/2005 | A5B92301 | 8260 | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| 01/24/2006 | A6089101 | 8260 | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| 04/13/2006 | 6D14002-03 | 8260B | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| 07/17/2006 | 6G18004-03 | 8260B | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| 10/10/2006 | 6J11002-07 | 8260B | ND | ND | ND | ND | ND | ND | ND | ND | 1 | ND | ND | 1 |
| 01/11/2007 | 7A12004-01 | 8260B | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| 04/05/2007 | 7D06002-01 | 8260B | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| 07/18/2007 | 7G19011-03 | 8260B | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| 10/11/2007 | 7J12012-01 | 8260B | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| 01/09/2008 | 8A10002-02 | 8260B | ND | ND | ND | ND | 2 | ND | ND | ND | ND | ND | ND | 2 |
| 04/07/2008 | 8D08002-02 | 8260B | ND | ND | ND | ND | 10 B | ND | ND | ND | ND | ND | ND | 10 |
| 07/21/2008 | 5420899 | 8260B | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| 10/15/2008 | 5499966 | 8260B | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| 01/13/2009 | 5576506 | 8260B | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| 04/20/2009 | 5651170 | 8260B | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |

ND - Not detected, indicates parameter was analyzed for, but not detected at or above the reporting limit.

To address the NYSDEC concerns regarding the presentation and plotting of nondetected values, the data for 2001 to 2004 has been reevaluated and interpreted as follows:

1) Nondetected concentrations have been represented as ND for reporting purposes.

2) Total VOCs have been recalculated and represented as the sum 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-22M | | | | | | | | | | | | | |
|------------|---------------|----------|-----------------------------------|----------------------|---------------------------------------|--------------------------------------|---------------------------------|---|---|--|--------------------------------|----------------------------------|-----------------------------|-----------------|
| Date | Lab Sample Id | Method | Carbon tetrachloride (ug/L) | Chloroform (ug/L) | 1,1- Dichloro- ethane (ug/L) | 1,1- Dichloro ethene (ug/L) | Methylene chloride (ug/L) | Trans-1,2- dichloro- ethene (ug/L) | Cis-1,2- dichloro- ethene (ug/L) | 1,1,1- Trichloro- ethane (ug/L) | Trichloro- ethene (ug/L) | Tetrachloro- ethene (ug/L) | Vinyl chloride (ug/L) | Total (ug/L) |
| 01/11/2001 | A1035101 | 8021 | ND | 1.3 | ND | ND | 4.2 | ND | 110 | ND | 4.4 | ND | 9.6 | 129.5 |
| 04/23/2001 | A1375207 | 8021 | ND | ND | ND | ND | ND | ND | 510 | ND | 50 | ND | ND | 560 |
| 07/18/2001 | A1682908 | 8021 | ND | ND | ND | ND | 2.5 | 1 | 130 | ND | 13 | ND | 7 | 153.5 |
| 10/17/2001 | A1A23305 | 8021 | ND | ND | ND | ND | ND | 1.5 | 230 | ND | 13 | ND | 36 | 280.5 |
| 01/23/2002 | A2076701 | 8021 | ND | ND | 7.6 | 4.6 | 2.1 J | 21 | 1400 D | ND | 110 D | ND | 9.6 | 1554.9 |
| 04/18/2002 | A2378801 | 8021 | ND | ND | ND | ND | 0.8 J | ND | 130 | ND | 9.2 | ND | 36 | 176 |
| 07/15/2002 | A2722901 | 8021 | ND | ND | ND | ND | 2.2 J | 1.4 | 91 | ND | 4.9 | ND | 8.1 | 107.6 |
| 10/15/2002 | A2A23601 | 8021 | ND | ND | ND | ND | ND | ND | 79 | ND | 6.2 | ND | 13 | 98.2 |
| 01/22/2003 | A3068901 | 8021 | ND | ND | ND | ND | ND | 0.94 J | 80 | ND | 3.2 | ND | 12 | 96.14 |
| 04/24/2003 | A3389602 | 8021 | ND | ND | ND | ND | 1.6 J | ND | 130 | ND | 13 | ND | 30 | 174.6 |
| 07/17/2003 | A3683901 | 8021 | ND | ND | ND | ND | ND | ND | 140 | ND | 5 | ND | 13 | 158 |
| 10/21/2003 | A3A21902 | 8021 | ND | ND | ND | ND | ND | ND | 160 | ND | 5.7 | ND | 2.3 | 168 |
| 04/30/2004 | A4402503 | 8021 | ND | ND | ND | ND | ND | ND | 99 | ND | ND | ND | 40 | 139 |
| 07/15/2004 | A4674303 | 8260 | ND | ND | ND | ND | 4.3 | ND | 130 | ND | 23 | ND | ND | 157.3 |
| 07/15/2004 | A4674303 | 8021 | ND | ND | 2.2 | ND | ND | 3.9 E | 170 E | ND | 24 | ND | 10 E | 210.1 |
| 10/18/2004 | A4A27701 | 8021 | ND | ND | ND | ND | ND | ND | 90 | ND | 13 | ND | ND | 103 |
| 01/20/2005 | A5057501 | 8260 | ND | ND | 2.8 | 1.6 | ND | 16 | 300 E | 0.34 J | 110 E | ND | 2.2 | 432.94 |
| 01/20/2005 | A5057501DL | 8260 | | | | | 33 D | 9.4 D | 340 D | | 56 D | | | 438.4 |
| 04/26/2005 | A5414404 | 8260 | ND | ND | ND | ND | ND | 7 | 250 | ND | 33 | ND | ND | 290 |
| 07/25/2005 | A5790401 | 8260/5ML | ND | ND | ND | ND | ND | 1.6 | 110 | ND | 14 | ND | 7.8 | 133.4 |
| 10/21/2005 | A5B92801 | 8260 | ND | ND | ND | ND | ND | 0.61 J | 36 | ND | 3.9 | ND | 1.2 J | 41.71 |
| 01/24/2006 | A6089102 | 8260 | ND | ND | 2.9 | 1.4 | ND | 15 | 480 E | ND | 90 | ND | 3.1 | 592.4 |
| 01/24/2006 | A6089102DL | 8260 | ND | ND | ND | ND | ND | 15 D | 460 D | ND | 93 D | ND | ND | 568 |
| 04/19/2006 | 6D20002-01 | 8260B | ND | ND | ND | ND | ND | 1 | 61 | ND | 17 | ND | 14 | 93 |
| 07/17/2006 | 6G18004-05 | 8260B | ND | ND | ND | ND | ND | ND | 29 | ND | 5 | ND | 2 | 36 |
| 10/10/2006 | 6J11002-08 | 8260B | ND | ND | ND | ND | ND | 1 | 66 | ND | 10 | ND | 4 | 81 |
| 01/11/2007 | 7A12004-02 | 8260B | ND | ND | 3 | ND | ND | 14 | 370 D | ND | 89 | ND | ND | 476 |
| 04/19/2007 | 7D20005-01 | 8260B | ND | ND | ND | ND | ND | 5 | 136 | ND | 35 | ND | 5 | 181 |
| 07/18/2007 | 7G19011-02 | 8260B | ND | ND | ND | ND | ND | ND | 26 | ND | 5 | ND | ND | 31 |
| 10/11/2007 | 7J12012-03 | 8260B | ND | ND | ND | ND | ND | ND | 24 | ND | 4 | ND | ND | 28 |
| 01/09/2008 | 8A10002-01 | 8260B | ND | ND | ND | ND | ND | ND | 17 | ND | 3 | ND | 3 | 23 |
| 04/08/2008 | 8D09003-07 | 8260B | ND | ND | 2 | 1 | 6 | 10 | 301 D | ND | 95 | ND | 2 | 417 |
| 07/21/2008 | 5420900 | 8260B | ND | ND | ND | ND | ND | ND | 24 | ND | 4.9 J | ND | 1.2 J | 30.1 |
| 10/15/2008 | 5499967 | 8260B | ND | ND | ND | ND | ND | ND | 29 | ND | 4.1 J | ND | ND | 33.1 |
| 01/13/2009 | 5576505 | 8260B | ND | ND | 3.1 J | 2 J | ND | 14 | 460 | ND | 120 | ND | 1 J | 600.1 |
| 04/20/2009 | 5651167 | 8260B | ND | ND | ND | ND | ND | 3.8 J | 150 | ND | 39 | ND | 9.9 | 202.7 |
| | | | | | | | | | | | | | | |

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 Id: | B-23M | | | | | | | | | | | | | |
|---|------------|---------------|----------|-----------------------------------|----------------------|---------------------------------------|--------------------------------------|---------------------------------|---|---|--|--------------------------------|----------------------------------|-----------------------------|-----------------|
| _ | Date | Lab Sample Id | Method | Carbon tetrachloride (ug/L) | Chloroform (ug/L) | 1,1- Dichloro- ethane (ug/L) | 1,1- Dichloro ethene (ug/L) | Methylene chloride (ug/L) | Trans-1,2- dichloro- ethene (ug/L) | Cis-1,2- dichloro- ethene (ug/L) | 1,1,1- Trichloro- ethane (ug/L) | Trichloro- ethene (ug/L) | Tetrachloro- ethene (ug/L) | Vinyl chloride (ug/L) | Total (ug/L) |
| | 01/16/2001 | A1043902 | 8021 | ND | 3.6 | ND | ND | 1.9 J | 6.4 | 210 | ND | 13 | ND | 15 | 249.9 |
| | 04/16/2001 | A1345805 | 624 | ND | ND | ND | ND | ND | 7 | 150 D | ND | 52 | ND | ND | 209 |
| | 07/16/2001 | A1674115 | 8021 | ND | 4.9 | ND | ND | 2.8 | 5.5 | 230 | ND | 23 | ND | 8.5 | 274.7 |
| | 10/18/2001 | A1A23310 | 8021 | ND | ND | ND | ND | 3.5 | ND | 280 | ND | 11 | ND | ND | 294.5 |
| | 01/23/2002 | A2076703 | 8021 | ND | 7.4 | ND | ND | 4.2 | 5 | 310 | ND | 39 | ND | 6.8 | 372.4 |
| | 04/18/2002 | A2378802 | 8021 | ND | ND | ND | ND | ND | ND | 350 | ND | ND | ND | 22 | 372 |
| | 07/15/2002 | A2722903 | 8021 | ND | ND | ND | ND | 6 | 3.3 | 410 | ND | 4.3 | ND | 20 | 443.6 |
| | 10/09/2002 | A2A07510 | 8021 | ND | ND | ND | ND | ND | ND | 300 | ND | 18 | ND | 17 | 335 |
| | 01/22/2003 | A3068902 | 8021 | ND | 2.7 | ND | ND | ND | 4.8 | 140 | ND | 45 | ND | ND | 192.5 |
| | 04/21/2003 | A3370901 | 8021 | ND | ND | ND | ND | 12 | 2.1 | 320 | ND | ND | ND | 17 | 351.1 |
| | 07/21/2003 | A3699401 | 8021 | ND | ND | ND | ND | ND | 2 | 370 | ND | 2.7 | ND | 15 | 389.7 |
| | 10/20/2003 | A3A13901 | 8021 | ND | ND | ND | ND | ND | ND | 320 | ND | 3.8 | ND | 15 | 338.8 |
| | 01/29/2004 | A4077603 | 8021 | ND | ND | ND | ND | ND | 3 | 320 | ND | 74 | ND | 9.1 | 406.1 |
| | 04/23/2004 | A4373101 | 8021 | ND | ND | ND | ND | ND | ND | 400 | ND | ND | ND | 28 | 428 |
| | 07/21/2004 | A4687101 | 8260 | ND | ND | ND | ND | 10 | ND | 340 | ND | 9.9 | ND | ND | 359.9 |
| | 10/20/2004 | A4A32301 | 8021 | ND | ND | ND | ND | ND | ND | 230 | ND | 7.1 | ND | 12 | 249.1 |
| | 01/13/2005 | A5036108 | 8260 | ND | ND | ND | ND | ND | ND | 360 | ND | 53 | ND | 5.9 | 418.9 |
| | 04/19/2005 | A5387405 | 8260 | ND | ND | ND | ND | ND | ND | 380 | ND | 32 | ND | 21 | 433 |
| | 07/18/2005 | A5753801 | 8260/5ML | ND | ND | ND | ND | ND | ND | 360 | ND | ND | ND | 32 | 392 |
| | 10/20/2005 | A5B92001 | 8260 | ND | ND | 1.7 | 1.2 | ND | 1.8 | 380 E | ND | 3 | ND | 61 | 448.7 |
| | 10/20/2005 | A5B92001DL | 8260 | ND | ND | ND | ND | 9.2 BD | ND | 370 D | ND | ND | ND | 50 D | 429.2 |
| | 01/23/2006 | A6084701 | 8260 | ND | ND | ND | ND | ND | 3 | 300 | ND | 96 | ND | 9.3 | 408.3 |
| | 04/21/2006 | 6D21017-01 | 8260B | ND | ND | 1 | ND | ND | 1 | 272 D | ND | 9 | ND | 17 | 300 |
| | 07/20/2006 | 6G21005-05 | 8260B | ND | ND | ND | ND | 25 | ND | 309 | ND | ND | ND | 39 | 373 |
| | 10/10/2006 | 6J11002-02RE1 | 8260B | ND | ND | 1 | ND | ND | 2 | 243 D | ND | 10 | ND | 28 | 284 |
| | 01/08/2007 | 7A09003-01 | 8260B | ND | ND | ND | ND | ND | ND | 238 | ND | 182 | ND | ND | 420 |
| | 04/18/2007 | 7D19009-01 | 8260B | ND | ND | 2 | ND | ND | 2 | 239 D | ND | 41 | ND | 17 | 301 |
| | 07/11/2007 | 7G12003-01 | 8260B | ND | ND | ND | ND | ND | ND | 178 | ND | 8 | ND | 24 | 210 |
| | 10/10/2007 | 7J11002-03 | 8260B | ND | ND | 1 | ND | ND | ND | 272 D | ND | 2 | ND | 34 | 309 |
| | 01/08/2008 | 8A09005-04 | 8260B | ND | ND | ND | ND | ND | 4 | 171 | ND | 71 | ND | 11 | 257 |
| | 04/09/2008 | 8D10002-04 | 8260B | ND | ND | 2 | 1 | 2 | 2 | 292 D | ND | 21 | ND | 24 | 344 |
| | 07/25/2008 | 5426028 | 8260B | ND | ND | 1.1 J | ND | ND | 0.87 J | 270 | ND | 1.8 J | ND | 58 | 331.77 |
| | 10/17/2008 | 5502673 | 8260B | ND | ND | 1.2 J | ND | ND | 0.9 J | 280 | ND | 1.5 J | ND | 37 | 320.6 |
| | 01/13/2009 | 5576509 | 8260B | ND | ND | 2.2 J | 0.96 J | ND | 2.3 J | 270 | ND | 53 | ND | 17 | 345.46 |
| | 04/13/2009 | 5647710 | 8260B | ND | ND | 1.4 J | ND | ND | 1.6 J | 260 | ND | 21 | ND | 11 | 295 |
| | | | | | | | | | | | | | | | |

ND - Not detected, indicates parameter was analyzed for, but not detected at or above the reporting limit.

To address the NYSDEC concerns regarding the presentation and plotting of nondetected values, the data for 2001 to 2004 has been reevaluated and interpreted as follows:

1) Nondetected concentrations have been represented as ND for reporting purposes.

2) Total VOCs have been recalculated and represented as the sum 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-24M | | | | | | | | | | | | | |
|------------|---------------|----------|-----------------------------------|----------------------|---------------------------------------|--------------------------------------|---------------------------------|---|---|--|--------------------------------|----------------------------------|-----------------------------|-----------------|
| Date | Lab Sample Id | Method | Carbon tetrachloride (ug/L) | Chloroform (ug/L) | 1,1- Dichloro- ethane (ug/L) | 1,1- Dichloro ethene (ug/L) | Methylene chloride (ug/L) | Trans-1,2- dichloro- ethene (ug/L) | Cis-1,2- dichloro- ethene (ug/L) | 1,1,1- Trichloro- ethane (ug/L) | Trichloro- ethene (ug/L) | Tetrachloro- ethene (ug/L) | Vinyl chloride (ug/L) | Total (ug/L) |
| 01/17/2001 | A1052406 | 8021 | ND | ND | ND | ND | ND | ND | ND | ND | 0.3 J | ND | ND | 0.3 |
| 04/16/2001 | A1345804 | 624 | ND | ND | ND | ND | ND | ND | ND | ND | 1.9 | ND | ND | 1.9 |
| 07/16/2001 | A1674112 | 8021 | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| 10/18/2001 | A1A23309 | 8021 | ND | ND | ND | ND | ND | ND | ND | ND | 15 | ND | ND | 15 |
| 01/22/2002 | A2066009 | 8021 | ND | ND | ND | ND | ND | ND | 1.1 | ND | 3.6 | ND | ND | 4.7 |
| 04/17/2002 | A2378402 | 8021 | ND | ND | ND | ND | ND | ND | 1.8 | ND | 5.9 | ND | ND | 7.7 |
| 07/12/2002 | A2713902 | 8021 | ND | ND | ND | ND | ND | ND | 1.5 | ND | 4.7 | ND | ND | 6.2 |
| 10/09/2002 | A2A07702 | 8021 | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| 01/20/2003 | A3060801 | 8021 | ND | ND | ND | ND | ND | ND | 0.27 J | ND | 1.9 | ND | ND | 2.17 |
| 04/09/2003 | A3329507 | 8021 | ND | ND | ND | ND | ND | ND | 1.2 | ND | 6.5 | ND | ND | 7.7 |
| 07/08/2003 | A3649105 | 8021 | ND | ND | ND | ND | ND | ND | 1.1 | ND | 3.3 | ND | ND | 4.4 |
| 10/13/2003 | A3991402 | 8021 | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| 04/20/2004 | A4356801 | 8021 | ND | ND | ND | ND | ND | ND | 1.2 | ND | 3.7 | ND | ND | 4.9 |
| 07/13/2004 | A4664001 | 8021 | ND | ND | ND | ND | ND | ND | 1.4 | ND | 4 | ND | ND | 5.4 |
| 10/20/2004 | A4A32402 | 8021 | ND | ND | ND | ND | ND | ND | 1.3 | ND | 4 | ND | ND | 5.3 |
| 01/12/2005 | A5036204 | 8260 | ND | ND | ND | ND | ND | ND | 0.79 J | ND | 4.1 | ND | ND | 4.89 |
| 04/06/2005 | A5317804 | 8260 | ND | ND | ND | ND | ND | ND | 0.63 J | ND | 3.4 | ND | ND | 4.03 |
| 07/12/2005 | A5733203 | 8260/5ML | ND | ND | ND | ND | ND | ND | 0.97 J | ND | 3.5 | ND | ND | 4.47 |
| 10/05/2005 | A5B10601 | 8260 | ND | ND | ND | ND | ND | ND | ND | ND | 1.5 | ND | ND | 1.5 |
| 01/23/2006 | A6084702 | 8260 | ND | ND | ND | ND | ND | ND | 1.6 | ND | 3.8 | ND | ND | 5.4 |
| 04/12/2006 | 6D13005-06 | 8260B | ND | ND | ND | ND | ND | ND | 1 | ND | 3 | ND | ND | 4 |
| 07/19/2006 | 6G20004-06 | 8260B | ND | ND | ND | ND | ND | ND | ND | ND | 3 | ND | ND | 3 |
| 10/10/2006 | 6J11002-03 | 8260B | ND | ND | ND | ND | ND | ND | 1 | ND | 2 | ND | ND | 3 |
| 01/08/2007 | 7A09003-02 | 8260B | ND | ND | ND | ND | ND | ND | 1 | ND | 3 | ND | ND | 4 |
| 04/04/2007 | 7D05011-02 | 8260B | ND | ND | ND | ND | 3 | ND | 1 | ND | 3 | ND | ND | 7 |
| 07/11/2007 | 7G12003-03 | 8260B | ND | ND | ND | ND | ND | ND | ND | ND | 3 | ND | ND | 3 |
| 10/10/2007 | 7J11002-05 | 8260B | ND | ND | ND | ND | ND | ND | ND | ND | 1 | ND | ND | 1 |
| 01/08/2008 | 8A09005-05 | 8260B | ND | ND | ND | ND | ND | ND | 6 | ND | 12 | ND | ND | 18 |
| 04/07/2008 | 8D08002-05 | 8260B | ND | ND | ND | ND | ND | ND | 1 | ND | 4 | ND | ND | 5 |
| 07/28/2008 | 5426821 | 8260B | ND | ND | ND | ND | ND | ND | ND | ND | 1.2 J | ND | ND | 1.2 |
| 10/17/2008 | 5502674 | 8260B | ND | ND | ND | ND | ND | ND | ND | ND | 4.3 J | ND | ND | 4.3 |
| 01/13/2009 | 5576514 | 8260B | ND | ND | ND | ND | ND | ND | 1.1 J | ND | 4.2 J | ND | ND | 5.3 |
| 04/13/2009 | 5647711 | 8260B | ND | ND | ND | ND | ND | ND | 0.99 J | ND | 3.2 J | ND | ND | 4.19 |

ND - Not detected, indicates parameter was analyzed for, but not detected at or above the reporting limit.

To address the NYSDEC concerns regarding the presentation and plotting of nondetected values, the data for 2001 to 2004 has been reevaluated and interpreted as follows:

1) Nondetected concentrations have been represented as ND for reporting purposes.

2) Total VOCs have been recalculated and represented as the sum 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-25M

Well Id:

| | | | | | 1,1- | 1,1- | | Trans-1,2- | Cis-1,2- | 1,1,1- | | | |
|------|---------------|--------|---------------|------------|-----------|----------|-----------|------------|-----------|------------|------------|--------------|----------|
| | | | Carbon | | Dichloro- | Dichloro | Methylene | dichloro- | dichloro- | Trichloro- | Trichloro- | Tetrachloro- | Vinyl |
| | | | tetrachloride | Chloroform | ethane | ethene | chloride | ethene | ethene | ethane | ethene | ethene | chloride |
| 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) |

| 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- ethene (ug/L) | Trichloro- ethane (ug/L) | Trichloro- ethene (ug/L) | Tetrachloro- ethene (ug/L) | Vinyl chloride (ug/L) | Total (ug/L) |
|------------|---------------|----------|-----------------------------------|----------------------|-------------------------------|------------------------------|---------------------------------|-------------------------------|-------------------------------|--------------------------------|--------------------------------|----------------------------------|-----------------------------|-----------------|
| 07/16/2001 | A1674109 | 8021 | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| 07/10/2002 | A2708301 | 8021 | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| 07/02/2003 | A3639714 | 8021 | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| 07/14/2004 | A4664208 | 8021 | ND | ND | ND | ND | ND | ND | 1.4 | ND | 1.3 | ND | ND | 2.7 |
| 07/12/2005 | A5733105 | 8260/5ML | ND | ND | ND | ND | ND | ND | 0.68 J | ND | 1.3 | ND | ND | 1.98 |

ND - Not detected, indicates parameter was analyzed for, but not detected at or above the reporting limit.

To address the NYSDEC concerns regarding the presentation and plotting of nondetected values, the data for 2001 to 2004 has been reevaluated and interpreted as follows:

1) Nondetected concentrations have been represented as ND for reporting purposes.

2) Total VOCs have been recalculated and represented as the sum of the detected parameters shown on this table.

3) The method change to 8260 was approved by the NYSDEC and changed in January 2005.

| Well Id: | B-26M | | | | | | | | | | | | | |
|------------|---------------|----------|-----------------------------------|----------------------|---------------------------------------|--------------------------------------|---------------------------------|---|---|--|--------------------------------|----------------------------------|-----------------------------|-----------------|
| Date | Lab Sample Id | Method | Carbon tetrachloride (ug/L) | Chloroform (ug/L) | 1,1- Dichloro- ethane (ug/L) | 1,1- Dichloro ethene (ug/L) | Methylene chloride (ug/L) | Trans-1,2- dichloro- ethene (ug/L) | Cis-1,2- dichloro- ethene (ug/L) | 1,1,1- Trichloro- ethane (ug/L) | Trichloro- ethene (ug/L) | Tetrachloro- ethene (ug/L) | Vinyl chloride (ug/L) | Total (ug/L) |
| 07/16/2001 | A1674101 | 8021 | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| 07/10/2002 | A2708302 | 8021 | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| 07/02/2003 | A3639715 | 8021 | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| 07/14/2004 | A4664207 | 8021 | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| 07/08/2005 | A5715202 | 8260/5ML | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| 07/20/2006 | 6G21005-03 | 8260B | ND | ND | ND | ND | 4 | ND | ND | ND | ND | ND | ND | 4 |
| 07/18/2007 | 7G19011-05 | 8260B | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| 07/24/2008 | 5424621 | 8260B | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |

ND - Not detected, indicates parameter was analyzed for, but not detected at or above the reporting limit.

To address the NYSDEC concerns regarding the presentation and plotting of nondetected values, the data for 2001 to 2004 has been reevaluated and interpreted as follows:

1) Nondetected concentrations have been represented as ND for reporting purposes.

2) Total VOCs have been recalculated and represented as the sum of the detected parameters shown on this table.

3) The method change to 8260 was approved by the NYSDEC and changed in January 2005.

| 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- ethene (ug/L) | 1,1,1- Trichloro- ethane (ug/L) | Trichloro- ethene (ug/L) | Tetrachloro- ethene (ug/L) | Vinyl chloride (ug/L) | Total (ug/L) |
|------------|---------------|----------|-----------------------------------|----------------------|---------------------------------------|--------------------------------------|---------------------------------|---|---|--|--------------------------------|----------------------------------|-----------------------------|-----------------|
| 07/12/2001 | A1663805 | 8021 | ND | ND | ND | ND | 5.8 | 8.5 | 400 | ND | 34 | ND | ND | 448.3 |
| 07/16/2002 | A2722910 | 8021 | ND | ND | ND | ND | 5.7 | 9.4 | 240 | ND | 18 | ND | 14 | 287.1 |
| 07/10/2003 | A3654301 | 8021 | ND | ND | ND | ND | ND | 6.8 | 230 | ND | 4.1 | ND | 9 | 249.9 |
| 07/07/2004 | A4636801 | 8021 | ND | ND | ND | 1 | ND | 4.4 | 80 | ND | 4.8 | ND | 4.1 | 94.3 |
| 07/14/2005 | A5740601 | 8260/5ML | . ND | ND | ND | ND | ND | 3.3 | 50 | ND | 5.3 | ND | 2.3 | 60.9 |

ND - Not detected, indicates parameter was analyzed for, but not detected at or above the reporting limit.

To address the NYSDEC concerns regarding the presentation and plotting of nondetected values, the data for 2001 to 2004 has been reevaluated and interpreted as follows:

1) Nondetected concentrations have been represented as ND for reporting purposes.

2) Total VOCs have been recalculated and represented as the sum of the detected parameters shown on this table.

3) The method change to 8260 was approved by the NYSDEC and changed in January 2005.

| Well Id: | B-28M | | | | | | | | | | | | | |
|------------|---------------|----------|-----------------------------------|----------------------|---------------------------------------|--------------------------------------|---------------------------------|---|---|--|--------------------------------|----------------------------------|-----------------------------|-----------------|
| Date | Lab Sample Id | Method | Carbon tetrachloride (ug/L) | Chloroform (ug/L) | 1,1- Dichloro- ethane (ug/L) | 1,1- Dichloro ethene (ug/L) | Methylene chloride (ug/L) | Trans-1,2- dichloro- ethene (ug/L) | Cis-1,2- dichloro- ethene (ug/L) | 1,1,1- Trichloro- ethane (ug/L) | Trichloro- ethene (ug/L) | Tetrachloro- ethene (ug/L) | Vinyl chloride (ug/L) | Total (ug/L) |
| 01/11/2001 | A1035102 | 8021 | ND | ND | ND | ND | ND | ND | 1.5 | ND | ND | ND | ND | 1.5 |
| 04/23/2001 | A1375205 | 8021 | ND | ND | ND | ND | ND | ND | 0.66 J | ND | ND | ND | ND | 0.66 |
| 07/18/2001 | A1682909 | 8021 | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| 10/17/2001 | A1A23303 | 8021 | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| 01/17/2002 | A2058506 | 8021 | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| 04/10/2002 | A2347902 | 8260 | ND | ND | ND | ND | ND | ND | ND | ND | 0.25 J | ND | ND | 0.25 |
| 07/10/2002 | A2708304 | 8021 | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| 10/03/2002 | A2980610 | 8021 | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| 01/16/2003 | A3056002 | 8021 | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| 04/08/2003 | A3329701 | 8021 | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| 07/03/2003 | A3639703 | 8021 | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| 10/08/2003 | A3978809 | 8021 | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| 01/08/2004 | A4026304 | 8021 | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| 04/13/2004 | A4331505 | 8021 | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| 06/30/2004 | A4619406 | 8021 | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| 10/26/2004 | A4A60302 | 8021 | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| 01/14/2005 | A5038302 | 8260 | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| 04/05/2005 | A5317606 | 8260 | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| 07/11/2005 | A5724501 | 8260/5ML | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| 10/21/2005 | A5B92302 | 8260 | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| 01/24/2006 | A6089103 | 8260 | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| 04/13/2006 | 6D14002-02 | 8260B | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| 07/17/2006 | 6G18004-06RE1 | 8260B | ND | ND | ND | ND | 4 B | ND | ND | ND | ND | ND | ND | 4 |
| 10/10/2006 | 6J11002-09 | 8260B | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| 01/11/2007 | 7A12004-03 | 8260B | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| 04/05/2007 | 7D06002-02 | 8260B | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| 07/18/2007 | 7G19011-04 | 8260B | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| 10/11/2007 | 7J12012-04 | 8260B | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| 01/09/2008 | 8A10002-03 | 8260B | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| 04/07/2008 | 8D08002-01 | 8260B | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| 07/21/2008 | 5420901 | 8260B | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| 10/15/2008 | 5499968 | 8260B | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| 01/13/2009 | 5576507 | 8260B | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| 04/20/2009 | 5651173 | 8260B | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |

ND - Not detected, indicates parameter was analyzed for, but not detected at or above the reporting limit.

To address the NYSDEC concerns regarding the presentation and plotting of nondetected values, the data for 2001 to 2004 has been reevaluated and interpreted as follows:

1) Nondetected concentrations have been represented as ND for reporting purposes.

2) Total VOCs have been recalculated and represented as the sum 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- ethene (ug/L) | 1,1,1- Trichloro- ethane (ug/L) | Trichloro- ethene (ug/L) | Tetrachloro- ethene (ug/L) | Vinyl chloride (ug/L) | Total (ug/L) |
| 01/16/2001 | A1043901 | 8021 | ND | ND | ND | ND | ND | ND | 16 | ND | 0.29 J | ND | 1.8 | 18.09 |
| 04/16/2001 | A1345806 | 624 | ND | ND | ND | ND | ND | ND | 11 | ND | ND | ND | ND | 11 |
| 07/16/2001 | A1674114 | 8021 | ND | ND | ND | ND | ND | ND | 21 | ND | 1 J | ND | 1.1 J | 23.1 |
| 10/18/2001 | A1A23315 | 8021 | ND | ND | ND | ND | ND | ND | 26 | ND | 7.8 | ND | 1.8 | 35.6 |
| 01/21/2002 | A2066006 | 8021 | ND | ND | ND | ND | ND | ND | 26 | ND | ND | ND | ND | 26 |
| 04/17/2002 | A2378401 | 8021 | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| 07/11/2002 | A2708316 | 8021 | ND | ND | ND | ND | ND | ND | 32 | ND | 0.88 J | ND | 2.5 | 35.38 |
| 10/09/2002 | A2A07701 | 8021 | ND | ND | ND | ND | ND | ND | 34 | ND | ND | ND | 4.5 | 38.5 |
| 01/16/2003 | A3055802 | 8021 | ND | ND | ND | ND | ND | ND | 9 | ND | 0.23 J | ND | 0.77 J | 10 |
| 04/21/2003 | A3371001 | 8021 | ND | ND | ND | ND | ND | ND | ND | ND | 2.5 | ND | ND | 2.5 |
| 07/16/2003 | A3683701 | 8021 | ND | ND | ND | ND | ND | ND | 12 | ND | ND | ND | 0.68 J | 12.68 |
| 10/20/2003 | A3A13701 | 8021 | ND | ND | ND | ND | ND | ND | 47 | ND | 1.5 | ND | 3.8 | 52.3 |
| 01/29/2004 | A4077402 | 8021 | ND | ND | ND | 0.2 J | ND | ND | 26 | ND | 1.8 | ND | 2.1 | 30.1 |
| 04/23/2004 | A4373001 | 8021 | ND | ND | ND | ND | ND | ND | 1.2 | ND | ND | ND | ND | 1.2 |
| 07/21/2004 | A4687001 | 8260 | ND | ND | ND | ND | ND | ND | 15 | ND | 0.73 J | ND | ND | 15.73 |
| 10/20/2004 | A4A32401 | 8021 | ND | ND | ND | ND | ND | ND | 24 | ND | 1.4 | ND | 2.4 | 27.8 |
| 01/13/2005 | A5036206 | 8260 | ND | ND | ND | ND | ND | ND | 22 | ND | 1.8 | ND | 2.1 | 25.9 |
| 04/19/2005 | A5387502 | 8260 | ND | ND | ND | ND | ND | ND | 12 | ND | 1.1 J | ND | 1.4 J | 14.5 |
| 07/18/2005 | A5753701 | 8260/5ML | . ND | ND | ND | ND | ND | ND | 36 | ND | 3.2 | ND | 3.1 | 42.3 |
| 07/20/2006 | 6G21005-08 | 8260B | ND | ND | ND | ND | 3 | ND | 43 | ND | 8 | ND | 3 | 57 |
| 07/11/2007 | 7G12003-02 | 8260B | ND | ND | ND | ND | ND | ND | 30 | ND | 6 | ND | 3 | 39 |
| 07/25/2008 | 5426025 | 8260B | ND | ND | ND | ND | ND | ND | 19 | ND | 3 J | ND | 1.8 J | 23.8 |

ND - Not detected, indicates parameter was analyzed for, but not detected at or above the reporting limit.

To address the NYSDEC concerns regarding the presentation and plotting of nondetected values, the data for 2001 to 2004 has been reevaluated and interpreted as follows:

1) Nondetected concentrations have been represented as ND for reporting purposes.

2) Total VOCs have been recalculated and represented as the sum of the detected parameters shown on this table.

3) The method change to 8260 was approved by the NYSDEC and changed in January 2005.

| Well Id: | B-31M | | | | | | | | | | | | | |
|------------|---------------|----------|-----------------------------------|----------------------|---------------------------------------|--------------------------------------|---------------------------------|---|---|--|--------------------------------|----------------------------------|-----------------------------|-----------------|
| Date | Lab Sample Id | Method | Carbon tetrachloride (ug/L) | Chloroform (ug/L) | 1,1- Dichloro- ethane (ug/L) | 1,1- Dichloro ethene (ug/L) | Methylene chloride (ug/L) | Trans-1,2- dichloro- ethene (ug/L) | Cis-1,2- dichloro- ethene (ug/L) | 1,1,1- Trichloro- ethane (ug/L) | Trichloro- ethene (ug/L) | Tetrachloro- ethene (ug/L) | Vinyl chloride (ug/L) | Total (ug/L) |
| 01/15/2001 | A1041302 | 8021 | ND | ND | ND | ND | ND | ND | 4.6 | ND | 1 J | ND | ND | 5.6 |
| 04/24/2001 | A1375201 | 8021 | ND | ND | ND | ND | ND | ND | 5.5 | ND | 1.2 | ND | ND | 6.7 |
| 07/16/2001 | A1674102 | 8021 | ND | ND | ND | ND | ND | ND | 7.1 | ND | 0.56 J | ND | 0.57 J | 8.23 |
| 10/10/2001 | A1994706 | 8021 | ND | ND | ND | ND | ND | ND | 7.3 | ND | ND | ND | 0.48 J | 7.78 |
| 01/17/2002 | A2058501 | 8021 | ND | ND | ND | ND | ND | 0.2 J | 13 | ND | 4 | ND | ND | 17.2 |
| 04/09/2002 | A2332608 | 8260 | ND | ND | ND | ND | ND | ND | 4.8 | ND | 1.1 J | ND | ND | 5.9 |
| 07/09/2002 | A2695509 | 8021 | ND | ND | ND | ND | ND | ND | 7.3 | ND | 1.4 | ND | ND | 8.7 |
| 10/03/2002 | A2980607 | 8021 | ND | ND | ND | ND | ND | ND | 10 | ND | 1.7 | ND | 0.29 J | 11.99 |
| 01/14/2003 | A3043004 | 8021 | ND | 0.78 J | ND | ND | ND | ND | 6.5 | ND | 1.2 | ND | ND | 8.48 |
| 04/07/2003 | A3320702 | 8021 | ND | ND | ND | ND | ND | ND | 10 | ND | 2.6 | ND | ND | 12.6 |
| 07/02/2003 | A3639716 | 8021 | ND | ND | ND | ND | ND | ND | 7.7 | ND | 2.1 | ND | ND | 9.8 |
| 10/09/2003 | A3978810 | 8021 | ND | ND | ND | ND | ND | ND | 13 | ND | 3.5 | ND | ND | 16.5 |
| 04/20/2004 | A4356903 | 8021 | ND | ND | ND | ND | ND | ND | 2.9 | ND | ND | ND | ND | 2.9 |
| 07/14/2004 | A4664203 | 8021 | ND | ND | ND | ND | ND | ND | 8.8 | ND | 3.8 | ND | ND | 12.6 |
| 10/25/2004 | A4A54101 | 8021 | ND | ND | ND | ND | ND | ND | 13 | ND | 4.5 | ND | ND | 17.5 |
| 01/19/2005 | A5050909 | 8260 | ND | ND | ND | ND | ND | ND | 5.3 | ND | 3.2 | ND | ND | 8.5 |
| 04/05/2005 | A5317610 | 8260 | ND | ND | ND | ND | ND | ND | 2.4 | ND | 0.64 J | ND | ND | 3.04 |
| 07/08/2005 | A5715201 | 8260/5ML | . ND | ND | ND | ND | ND | ND | 6.6 | ND | 2.3 | ND | ND | 8.9 |
| 07/17/2006 | 6G18004-01 | 8260B | ND | ND | ND | ND | ND | ND | 2 | ND | ND | ND | ND | 2 |
| 07/18/2007 | 7G19011-06 | 8260B | ND | ND | ND | ND | ND | ND | 2 | ND | ND | ND | ND | 2 |
| 07/24/2008 | 5424622 | 8260B | ND | ND | ND | ND | ND | ND | 3.1 J | ND | 1.1 J | ND | ND | 4.2 |

ND - Not detected, indicates parameter was analyzed for, but not detected at or above the reporting limit.

To address the NYSDEC concerns regarding the presentation and plotting of nondetected values, the data for 2001 to 2004 has been reevaluated and interpreted as follows:

1) Nondetected concentrations have been represented as ND for reporting purposes.

2) Total VOCs have been recalculated and represented as the sum of the detected parameters shown on this table.

3) The method change to 8260 was approved by the NYSDEC and changed in January 2005.

| W | Vell Id: | B-32M | | | | | | | | | | | | | |
|------|----------|---------------|----------|-----------------------------------|----------------------|---------------------------------------|--------------------------------------|---------------------------------|---|---|--|--------------------------------|----------------------------------|-----------------------------|-----------------|
| D | Date | Lab Sample Id | Method | Carbon tetrachloride (ug/L) | Chloroform (ug/L) | 1,1- Dichloro- ethane (ug/L) | 1,1- Dichloro ethene (ug/L) | Methylene chloride (ug/L) | Trans-1,2- dichloro- ethene (ug/L) | Cis-1,2- dichloro- ethene (ug/L) | 1,1,1- Trichloro- ethane (ug/L) | Trichloro- ethene (ug/L) | Tetrachloro- ethene (ug/L) | Vinyl chloride (ug/L) | Total (ug/L) |
| 01/1 | 8/2001 | A1052401 | 8021 | ND | ND | 0.29 J | 0.23 J | ND | 1.8 | 47 | ND | 0.67 J | ND | 7.5 | 57.49 |
| 04/1 | 8/2001 | A1361303 | 624 | ND | ND | ND | ND | ND | 0.48 | 10 | ND | ND | ND | 1.1 | 11.58 |
| 07/1 | 8/2001 | A1682902 | 8021 | ND | ND | ND | ND | ND | 0.61 J | 38 | ND | ND | ND | 9.3 | 47.91 |
| 10/1 | 9/2001 | A1A28802 | 8021 | ND | ND | ND | ND | ND | 0.81 J | 56 | ND | 0.6 J | ND | 9.4 | 66.81 |
| 01/1 | 4/2002 | A2039403 | 8021 | ND | ND | ND | ND | 0.54 J | 0.56 J | 28 | ND | 1.1 J | ND | 3.9 | 34.1 |
| 04/0 | 08/2002 | A2332603 | 8260 | ND | ND | ND | ND | ND | 0.71 J | 57 | ND | 0.68 J | ND | 4.8 | 63.19 |
| 04/1 | 6/2002 | A2369801 | 8021 | ND | ND | 0.34 J | 0.27 J | ND | ND | 62 D | ND | 1.6 | ND | 5.8 | 70.01 |
| 07/0 | 08/2002 | A2695505 | 8021 | ND | ND | ND | ND | ND | ND | 32 | ND | ND | ND | 2.8 | 34.8 |
| 10/0 | 9/2002 | A2A07901 | 8021 | ND | ND | ND | ND | ND | 0.93 J | 56 | ND | ND | ND | 9.7 | 66.63 |
| 01/1 | 3/2003 | A3038005 | 8021 | ND | ND | ND | ND | ND | ND | 42 | ND | 1.9 | ND | 5.2 | 49.1 |
| 04/2 | 24/2003 | A3389501 | 8021 | ND | ND | ND | ND | ND | ND | 56 | ND | ND | ND | 4.9 | 60.9 |
| 07/1 | 6/2003 | A3684101 | 8021 | ND | ND | ND | ND | ND | 0.74 J | 42 | ND | 0.51 J | ND | 2.8 | 46.05 |
| 10/2 | 21/2003 | A3A22001 | 8021 | ND | ND | ND | ND | ND | 0.91 J | 61 | ND | ND | ND | 8.6 | 70.51 |
| 01/0 | 7/2004 | A4012304 | 8021 | ND | ND | ND | ND | ND | ND | 38 | ND | ND | ND | 3.4 | 41.4 |
| 04/2 | 23/2004 | A4372904 | 8021 | ND | ND | ND | ND | ND | ND | 36 | ND | 1.3 | ND | 2.8 | 40.1 |
| 07/2 | 20/2004 | A4682903 | 8260 | ND | ND | ND | ND | 2.2 J | 0.76 J | 31 | ND | 0.83 J | ND | ND | 34.79 |
| 07/2 | 20/2004 | A4682903 | 8021 | ND | ND | ND | ND | ND | ND | 39 E | ND | ND | ND | 2.5 E | 41.5 |
| 10/2 | 20/2004 | A4A32101 | 8021 | ND | 31 | ND | ND | ND | 0.52 J | ND | ND | 0.67 J | ND | 4.3 | 36.49 |
| 01/1 | 3/2005 | A5036405 | 8260 | ND | ND | 0.81 J | 0.61 J | ND | 1.3 | 71 E | ND | 17 | ND | 3.4 | 94.12 |
| 01/1 | 3/2005 | A5036405DL | 8260 | | | | | | | 69 D | | 16 D | | 2.8 D | 87.8 |
| 04/1 | 9/2005 | A5387302 | 8260 | ND | ND | 0.45 J | 0.48 J | ND | 0.4 J | 42 E | ND | 7.3 | ND | 3.9 | 54.53 |
| 04/1 | 9/2005 | A5387302DL | 8260 | ND | ND | ND | ND | 1.9 DJ | ND | 34 D | ND | 5.8 D | ND | 3 D | 44.7 |
| 07/1 | 9/2005 | A5762201 | 8260/5ML | . ND | ND | ND | ND | ND | 1.1 | 39 | ND | ND | ND | 10 | 50.1 |
| 07/2 | 20/2006 | 6G21005-07 | 8260B | ND | ND | ND | ND | 2 | 1 | 35 | ND | ND | ND | 7 | 45 |
| 07/1 | 0/2007 | 7G11015-08 | 8260B | ND | ND | ND | ND | ND | ND | 28 | ND | ND | ND | 5 | 33 |
| 07/2 | 25/2008 | 5426032 | 8260B | ND | ND | ND | ND | ND | 1.4 J | 31 | ND | ND | ND | 6.8 | 39.2 |

ND - Not detected, indicates parameter was analyzed for, but not detected at or above the reporting limit.

To address the NYSDEC concerns regarding the presentation and plotting of nondetected values, the data for 2001 to 2004 has been reevaluated and interpreted as follows:

1) Nondetected concentrations have been represented as ND for reporting purposes.

2) Total VOCs have been recalculated and represented as the sum of the detected parameters shown on this table.

3) The method change to 8260 was approved by the NYSDEC and changed in January 2005.

| Well Id: | B-33M | | | | | |
|----------|-------|--------|-----------|----------|-----------|-----------|
| | | | 1,1- | 1,1- | | Trans-1,2 |
| | | Carbon | Dichloro- | Dichloro | Methylene | dichloro |

| Date | Lab Sample Id | Method | Carbon tetrachloride (ug/L) | Chloroform (ug/L) | 1,1- Dichloro- ethane (ug/L) | 1,1- Dichloro ethene (ug/L) | Methylene chloride (ug/L) | Trans-1,2- dichloro- ethene (ug/L) | Cis-1,2- dichloro- ethene (ug/L) | 1,1,1- Trichloro- ethane (ug/L) | Trichloro- ethene (ug/L) | Tetrachloro- ethene (ug/L) | Vinyl chloride (ug/L) | Total (ug/L) |
|------------|---------------|--------|-----------------------------------|----------------------|---------------------------------------|--------------------------------------|---------------------------------|---|---|--|--------------------------------|----------------------------------|-----------------------------|-----------------|
| 07/18/2001 | A1682904 | 8021 | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| 07/10/2002 | A2708305 | 8021 | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| 07/08/2003 | A3649207 | 8021 | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| 07/14/2004 | A4664204 | 8021 | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| 07/07/2005 | A5706801 | 8260 | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| 07/20/2006 | 6G21005-06 | 8260B | ND | ND | ND | ND | 4 | ND | ND | ND | ND | ND | ND | 4 |
| 07/10/2007 | 7G11015-09 | 8260B | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| 07/25/2008 | 5426033 | 8260B | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |

ND - Not detected, indicates parameter was analyzed for, but not detected at or above the reporting limit.

To address the NYSDEC concerns regarding the presentation and plotting of nondetected values, the data for 2001 to 2004 has been reevaluated and interpreted as follows:

1) Nondetected concentrations have been represented as ND for reporting purposes.

2) Total VOCs have been recalculated and represented as the sum of the detected parameters shown on this table.

3) The method change to 8260 was approved by the NYSDEC and changed in January 2005.

| Well | ld. | B-34M |
|------|-----|-------|
| | | |

| | Date | Lab Sample Id | Method | Carbon tetrachloride (ug/L) | Chloroform (ug/L) | 1,1- Dichloro- ethane (ug/L) | 1,1- Dichloro ethene (ug/L) | Methylene chloride (ug/L) | Trans-1,2- dichloro- ethene (ug/L) | Cis-1,2- dichloro- ethene (ug/L) | 1,1,1- Trichloro- ethane (ug/L) | Trichloro- ethene (ug/L) | Tetrachloro- ethene (ug/L) | Vinyl chloride (ug/L) | Total (ug/L) |
|---|------------|---------------|--------|-----------------------------------|----------------------|---------------------------------------|--------------------------------------|---------------------------------|---|---|--|--------------------------------|----------------------------------|-----------------------------|-----------------|
| _ | 07/18/2001 | A1682903 | 8021 | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| | 07/10/2002 | A2708306 | 8021 | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |

ND - Not detected, indicates parameter was analyzed for, but not detected at or above the reporting limit.

To address the NYSDEC concerns regarding the presentation and plotting of nondetected values, the data for 2001 to 2004 has been reevaluated and interpreted as follows:

1) Nondetected concentrations have been represented as ND for reporting purposes.

2) Total VOCs have been recalculated and represented as the sum of the detected parameters shown on this table.

3) The method change to 8260 was approved by the NYSDEC and changed in January 2005.

| Date | Lab Sample Id | Method | Carbon tetrachloride (ug/L) | Chloroform (ug/L) | 1,1- Dichloro- ethane (ug/L) | 1,1- Dichloro ethene (ug/L) | Methylene chloride (ug/L) | Trans-1,2- dichloro- ethene (ug/L) | Cis-1,2- dichloro- ethene (ug/L) | 1,1,1- Trichloro- ethane (ug/L) | Trichloro- ethene (ug/L) | Tetrachloro- ethene (ug/L) | Vinyl chloride (ug/L) | Total (ug/L) |
|----------------|---------------|--------|-----------------------------------|----------------------|---------------------------------------|--------------------------------------|---------------------------------|---|---|--|--------------------------------|----------------------------------|-----------------------------|-----------------|
| 07/18/2001 | A1682906 | 8021 | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| 07/10/2002 | A2708303 | 8021 | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |

ND - Not detected, indicates parameter was analyzed for, but not detected at or above the reporting limit.

To address the NYSDEC concerns regarding the presentation and plotting of nondetected values, the data for 2001 to 2004 has been reevaluated and interpreted as follows:

1) Nondetected concentrations have been represented as ND for reporting purposes.

2) Total VOCs have been recalculated and represented as the sum of the detected parameters shown on this table.

3) The method change to 8260 was approved by the NYSDEC and changed in January 2005.

| Date | Lab Sample Id | Method | Carbon tetrachloride (ug/L) | Chloroform (ug/L) | 1,1- Dichloro- ethane (ug/L) | 1,1- Dichloro ethene (ug/L) | Methylene chloride (ug/L) | Trans-1,2- dichloro- ethene (ug/L) | Cis-1,2- dichloro- ethene (ug/L) | 1,1,1- Trichloro- ethane (ug/L) | Trichloro- ethene (ug/L) | Tetrachloro- ethene (ug/L) | Vinyl chloride (ug/L) | Total (ug/L) |
|------------|---------------|----------|-----------------------------------|----------------------|---------------------------------------|--------------------------------------|---------------------------------|---|---|--|--------------------------------|----------------------------------|-----------------------------|-----------------|
| 07/03/2003 | A3639717 | 8021 | ND | ND | ND | 2.2 | ND | 13 | 1500 D | 1.8 | 64000 D | ND | ND | 65517 |
| 06/29/2004 | A4614513 | 8021 | ND | ND | ND | ND | ND | ND | 3400 | ND | 24000 | ND | ND | 27400 |
| 07/08/2005 | A5715207 | 8260/5ML | . ND | ND | ND | 1.7 | ND | 19 | 880 E | ND | 1300 E | ND | ND | 2200.7 |
| 07/08/2005 | A5715207DL | 8260/5ML | . ND | ND | ND | ND | 28 D | ND | 1900 D | ND | 4900 D | ND | ND | 6828 |

ND - Not detected, indicates parameter was analyzed for, but not detected at or above the reporting limit.

To address the NYSDEC concerns regarding the presentation and plotting of nondetected values, the data for 2001 to 2004 has been reevaluated and interpreted as follows:

1) Nondetected concentrations have been represented as ND for reporting purposes.

2) Total VOCs have been recalculated and represented as the sum of the detected parameters shown on this table.

3) The method change to 8260 was approved by the NYSDEC and changed in January 2005.

| Well Id: | B-38M | | | | | | | | | | | | | |
|------------|---------------|----------|-----------------------------------|----------------------|---------------------------------------|--------------------------------------|---------------------------------|---|---|--|--------------------------------|----------------------------------|-----------------------------|-----------------|
| Date | Lab Sample Id | Method | Carbon tetrachloride (ug/L) | Chloroform (ug/L) | 1,1- Dichloro- ethane (ug/L) | 1,1- Dichloro ethene (ug/L) | Methylene chloride (ug/L) | Trans-1,2- dichloro- ethene (ug/L) | Cis-1,2- dichloro- ethene (ug/L) | 1,1,1- Trichloro- ethane (ug/L) | Trichloro- ethene (ug/L) | Tetrachloro- ethene (ug/L) | Vinyl chloride (ug/L) | Total (ug/L) |
| 01/19/2001 | A1056801 | 8021 | ND | ND | ND | ND | ND | ND | 45 | ND | 0.4 J | ND | ND | 45.4 |
| 04/24/2001 | A1375202 | 8021 | ND | ND | ND | ND | ND | ND | 48 | ND | 2.5 | ND | ND | 50.5 |
| 07/18/2001 | A1682907 | 8021 | ND | ND | ND | ND | ND | 0.26 J | 44 | ND | 1.8 | ND | ND | 46.06 |
| 10/19/2001 | A1A28801 | 8021 | ND | ND | ND | ND | ND | ND | 43 | ND | 4.9 | ND | 1.1 J | 49 |
| 01/21/2002 | A2066004 | 8021 | ND | ND | ND | ND | ND | 0.51 J | 48 | ND | 3.2 | ND | ND | 51.71 |
| 04/16/2002 | A2370103 | 8021 | ND | ND | 0.49 J | 0.26 J | ND | 0.96 J | 81 D | ND | 3.7 | ND | 3.4 | 89.81 |
| 07/11/2002 | A2708313 | 8021 | ND | ND | 0.42 J | ND | ND | 1.1 | 84 | ND | 5.1 | ND | ND | 90.62 |
| 10/08/2002 | A2999309 | 8021 | ND | 1.6 | ND | ND | ND | ND | 52 | ND | 4.8 | ND | ND | 58.4 |
| 10/15/2002 | A2A23604 | 8021 | ND | ND | ND | ND | ND | ND | 41 | ND | 4.6 | ND | ND | 45.6 |
| 01/16/2003 | A3055801 | 8021 | ND | ND | ND | ND | ND | 0.54 J | 80 | ND | 7.8 | ND | 1.4 J | 89.74 |
| 04/08/2003 | A3329506 | 8021 | ND | ND | ND | ND | 3.4 | ND | 51 | ND | 3.9 | ND | 1.1 J | 59.4 |
| 07/08/2003 | A3649102 | 8021 | ND | ND | ND | ND | 2 J | ND | 71 | ND | 2.8 | ND | ND | 75.8 |
| 10/13/2003 | A3991401 | 8021 | ND | ND | ND | ND | ND | ND | 94 | ND | 6.1 | ND | ND | 100.1 |
| 01/09/2004 | A4026202 | 8021 | ND | ND | ND | ND | ND | ND | 100 | ND | 8 | ND | ND | 108 |
| 04/13/2004 | A4331805 | 8021 | ND | ND | ND | ND | ND | 1.1 | 88 | ND | 12 | ND | ND | 101.1 |
| 07/06/2004 | A4636505 | 8021 | ND | ND | 1.6 | 1.9 | ND | 1.9 | 110 | ND | 23 | ND | 2 | 140.4 |
| 10/26/2004 | A4A60201 | 8021 | ND | ND | 1.2 | 0.57 J | ND | 1.3 | 140 E | ND | 21 | ND | 0.85 J | 164.92 |
| 01/20/2005 | A5057701 | 8260 | ND | ND | 0.82 J | ND | 1.1 J | 0.91 J | 74 | ND | 19 | ND | ND | 95.83 |
| 04/05/2005 | A5317801 | 8260 | ND | ND | 1 | 0.63 J | ND | 1.6 | 90 E | ND | 31 | ND | 1.8 | 126.03 |
| 04/05/2005 | A5317801DL | 8260 | ND | ND | ND | ND | 2.8 D | ND | 73 D | ND | 24 D | ND | ND | 99.8 |
| 07/11/2005 | A5724702 | 8260/5ML | ND | ND | 0.81 J | 0.71 J | ND | 1.3 | 73 | ND | 24 | ND | ND | 99.82 |
| 10/21/2005 | A5B92601 | 8260 | ND | ND | 0.84 J | 0.74 J | ND | 1 | 78 | ND | 27 | ND | 1.8 | 109.38 |
| 01/24/2006 | A6089104 | 8260 | ND | ND | 1.2 | 0.72 J | ND | 1.3 | 81 | ND | 25 | ND | 2 | 111.22 |
| 04/13/2006 | 6D14002-05 | 8260B | ND | ND | 1 | ND | ND | 2 | 82 | ND | 33 | ND | ND | 118 |
| 07/17/2006 | 6G18004-04 | 8260B | ND | ND | ND | ND | ND | 1 | 66 | ND | 25 | ND | ND | 92 |
| 10/12/2006 | 6J16007-02RE1 | 8260B | ND | ND | ND | ND | ND | ND | 55 | ND | 23 | ND | 2 | 80 |
| 01/10/2007 | 7A11003-06 | 8260B | ND | ND | ND | ND | ND | ND | 56 | ND | 23 | ND | 2 | 81 |
| 04/05/2007 | 7D06002-03 | 8260B | ND | ND | ND | ND | ND | ND | 41 | ND | 20 | ND | ND | 61 |
| 07/18/2007 | 7G19011-01 | 8260B | ND | ND | ND | ND | ND | 1 | 58 | ND | 32 | ND | ND | 91 |
| 10/11/2007 | 7J12012-05 | 8260B | ND | ND | ND | ND | ND | ND | 36 | ND | 21 | ND | ND | 57 |
| 01/09/2008 | 8A10002-04 | 8260B | ND | ND | ND | ND | ND | ND | 63 | ND | 29 | ND | 3 | 95 |
| 04/08/2008 | 8D09003-01 | 8260B | ND | ND | ND | ND | 2 B | ND | 39 | ND | 12 | ND | ND | 53 |
| 07/25/2008 | 5426024 | 8260B | ND | ND | ND | ND | ND | 0.88 J | 48 | ND | 21 | ND | ND | 69.88 |
| 10/14/2008 | 5498683 | 8260B | ND | ND | ND | ND | ND | ND | 46 | ND | 25 | ND | ND | 71 |
| 01/21/2009 | 5582432 | 8260B | ND | ND | ND | ND | ND | ND | 54 | ND | 19 | ND | 1.4 J | 74.4 |
| 04/20/2009 | 5651169 | 8260B | ND | ND | ND | ND | ND | 1 J | 64 | ND | 23 | ND | 2 J | 90 |

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1) Nondetected concentrations have been represented as ND for reporting purposes.

2) Total VOCs have been recalculated and represented as the sum of the detected parameters shown on this table.

3) The method change to 8260 was approved by the NYSDEC and changed in January 2005.

| Well Id: | B-39M | | | | | | | | | | | | | |
|------------|---------------|----------|-----------------------------------|----------------------|---------------------------------------|--------------------------------------|---------------------------------|---|---|--|--------------------------------|----------------------------------|-----------------------------|-----------------|
| Date | Lab Sample Id | Method | Carbon tetrachloride (ug/L) | Chloroform (ug/L) | 1,1- Dichloro- ethane (ug/L) | 1,1- Dichloro ethene (ug/L) | Methylene chloride (ug/L) | Trans-1,2- dichloro- ethene (ug/L) | Cis-1,2- dichloro- ethene (ug/L) | 1,1,1- Trichloro- ethane (ug/L) | Trichloro- ethene (ug/L) | Tetrachloro- ethene (ug/L) | Vinyl chloride (ug/L) | Total (ug/L) |
| 01/11/2001 | A1035106 | 8021 | ND | ND | ND | ND | ND | 0.21 J | 4.5 | ND | 8.7 | ND | ND | 13.41 |
| 04/19/2001 | A1361308 | 624 | ND | ND | ND | ND | ND | ND | ND | ND | 0.32 | ND | ND | 0.32 |
| 07/10/2001 | A1648711 | 8021 | ND | ND | ND | ND | ND | ND | 0.84 J | ND | 2.6 | ND | ND | 3.44 |
| 10/18/2001 | A1A23312 | 8021 | ND | ND | ND | ND | ND | ND | 11 | ND | 97 | ND | ND | 108 |
| 01/24/2002 | A2076707 | 8021 | ND | ND | ND | ND | 1.9 J | ND | ND | ND | 5.9 | ND | ND | 7.8 |
| 04/15/2002 | A2370202 | 8021 | ND | ND | ND | ND | ND | ND | ND | ND | 2.4 | ND | ND | 2.4 |
| 07/16/2002 | A2722906 | 8021 | ND | ND | ND | ND | ND | ND | 0.31 J | ND | 2 | ND | ND | 2.31 |
| 10/08/2002 | A2999101 | 8021 | ND | ND | ND | ND | ND | ND | 0.27 J | ND | 2.4 | ND | ND | 2.67 |
| 01/23/2003 | A3075201 | 8021 | ND | ND | ND | ND | ND | ND | ND | ND | 1.7 | ND | ND | 1.7 |
| 04/25/2003 | A3389603 | 8021 | ND | ND | ND | ND | ND | ND | 0.61 J | ND | 2.8 | ND | ND | 3.41 |
| 07/21/2003 | A3699404 | 8021 | ND | ND | ND | ND | ND | ND | 1.2 | ND | 2.6 | ND | ND | 3.8 |
| 10/22/2003 | A3A21903 | 8021 | ND | ND | ND | ND | ND | ND | 5.4 | ND | 7.4 | ND | ND | 12.8 |
| 01/21/2004 | A4053401 | 8021 | ND | ND | ND | ND | ND | ND | 2.3 | ND | 8.5 | ND | ND | 10.8 |
| 04/29/2004 | A4402502 | 8021 | ND | ND | ND | ND | ND | ND | ND | ND | 3.6 | ND | ND | 3.6 |
| 07/16/2004 | A4674301 | 8021 | ND | ND | ND | ND | ND | ND | 4.9 E | ND | 8.4 | ND | ND | 13.3 |
| 07/16/2004 | A4674301 | 8260 | ND | ND | ND | ND | ND | ND | 4 | ND | 10 | ND | ND | 14 |
| 10/12/2004 | A4A09405 | 8021 | ND | ND | ND | ND | ND | ND | 4 | ND | 8.1 | ND | ND | 12.1 |
| 01/12/2005 | A5036106 | 8260 | ND | ND | ND | ND | ND | ND | 1.9 | ND | 140 E | ND | ND | 141.9 |
| 01/12/2005 | A5036106DL | 8260 | | | | | | | | | 94 D | | | 94 |
| 04/26/2005 | A5414401 | 8260 | ND | ND | ND | ND | ND | ND | 0.8 J | ND | 4.3 | ND | ND | 5.1 |
| 07/26/2005 | A5791601 | 8260/5ML | ND | ND | ND | ND | ND | ND | 3.3 | ND | 8.5 | ND | ND | 11.8 |
| 10/21/2005 | A5B92802 | 8260 | ND | ND | ND | ND | ND | ND | 2 | ND | 4.8 | ND | ND | 6.8 |
| 01/26/2006 | A6102406 | 8260 | ND | ND | ND | ND | ND | ND | 2 | ND | 7 | ND | ND | 9 |
| 04/20/2006 | 6D21003-03 | 8260B | ND | ND | ND | ND | ND | ND | 2 | ND | 7 | ND | ND | 9 |
| 07/18/2006 | 6G19003-03 | 8260B | ND | ND | ND | ND | 4 B | ND | 7 | ND | 7 | ND | ND | 18 |
| 10/11/2006 | 6J12003-06RE1 | 8260B | ND | ND | ND | ND | ND | ND | 3 | ND | 4 | ND | ND | 7 |
| 01/09/2007 | 7A10006-04 | 8260B | ND | ND | ND | ND | ND | ND | 2 | ND | 7 | ND | ND | 9 |
| 04/17/2007 | 7D18003-01 | 8260B | ND | ND | ND | ND | ND | ND | 2 | ND | 5 | ND | ND | 7 |
| 07/16/2007 | 7G17015-07 | 8260B | ND | ND | ND | ND | ND | ND | 4 | ND | 1 | ND | ND | 5 |
| 10/15/2007 | 7J16003-01 | 8260B | ND | ND | ND | ND | ND | ND | 4 | ND | 3 | ND | ND | 7 |
| 01/14/2008 | 8A15002-01 | 8260B | ND | ND | ND | ND | ND | ND | 4 | ND | 14 | ND | ND | 18 |
| 04/15/2008 | 8D16011-02 | 8260B | ND | ND | ND | ND | 5 B | ND | ND | ND | 3 | ND | ND | 8 |
| 07/24/2008 | 5424626 | 8260B | ND | ND | ND | ND | ND | ND | 0.9 J | ND | 4.1 J | ND | ND | 5 |
| 10/16/2008 | 5501559 | 8260B | ND | ND | ND | ND | ND | ND | 0.87 J | ND | 3 J | ND | ND | 3.87 |
| 01/21/2009 | 5582425 | 8260B | ND | ND | ND | ND | ND | ND | 0.86 J | ND | 2.5 J | ND | ND | 3.36 |
| 04/16/2009 | 5649168 | 8260B | ND | ND | ND | ND | ND | ND | 1.7 J | ND | 4.1 J | ND | ND | 5.8 |

ND - Not detected, indicates parameter was analyzed for, but not detected at or above the reporting limit.

To address the NYSDEC concerns regarding the presentation and plotting of nondetected values, the data for 2001 to 2004 has been reevaluated and interpreted as follows:

1) Nondetected concentrations have been represented as ND for reporting purposes.

2) Total VOCs have been recalculated and represented as the sum 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- ethene (ug/L) | 1,1,1- Trichloro- ethane (ug/L) | Trichloro- ethene (ug/L) | Tetrachloro- ethene (ug/L) | Vinyl chloride (ug/L) | Total (ug/L) |
| 01/11/2001 | A1035107 | 8021 | ND | ND | ND | ND | ND | 1.1 | 5.6 | ND | ND | ND | 1.5 J | 8.2 |
| 04/19/2001 | A1361306 | 624 | ND | ND | ND | ND | ND | ND | 0.97 | ND | ND | ND | ND | 0.97 |
| 07/10/2001 | A1648710 | 8021 | ND | ND | ND | ND | ND | 0.26 J | 3.2 | ND | ND | ND | 0.28 J | 3.74 |
| 10/18/2001 | A1A23311 | 8021 | ND | ND | ND | ND | ND | ND | 3.3 | ND | 41 | ND | ND | 44.3 |
| 01/22/2002 | A2066012RE | 8021 | ND | ND | ND | ND | ND | ND | 5.1 | ND | ND | ND | 1.4 J | 6.5 |
| 04/12/2002 | A2351801 | 8021 | ND | ND | ND | ND | ND | 0.6 J | 6 | ND | ND | ND | 0.87 J | 7.47 |
| 07/12/2002 | A2713907 | 8021 | ND | ND | ND | ND | ND | ND | 5 | ND | ND | ND | ND | 5 |
| 10/08/2002 | A2999308 | 8021 | ND | ND | ND | ND | ND | 0.7 J | 6.9 | ND | 0.58 J | ND | 1 J | 9.18 |
| 01/20/2003 | A3060804 | 8021 | ND | ND | ND | ND | ND | 0.43 J | 4.5 | ND | 0.29 J | ND | 0.75 J | 5.97 |
| 04/25/2003 | A3389401 | 8021 | ND | ND | ND | ND | ND | 0.48 J | 4.4 | ND | ND | ND | 0.58 J | 5.46 |
| 07/17/2003 | A3683703 | 8021 | ND | ND | ND | ND | ND | 0.38 J | 3.8 | ND | ND | ND | 0.22 J | 4.4 |
| 10/17/2003 | A3A09004 | 8021 | ND | ND | ND | ND | ND | ND | 3.4 | ND | ND | ND | ND | 3.4 |
| 01/20/2004 | A4053202 | 8021 | ND | ND | ND | ND | ND | ND | 3.1 | ND | ND | ND | ND | 3.1 |
| 04/29/2004 | A4402401 | 8021 | ND | ND | ND | ND | ND | ND | 2.1 | ND | ND | ND | ND | 2.1 |
| 07/16/2004 | A4674201 | 8260 | ND | ND | ND | ND | ND | 0.58 J | 2.9 | ND | ND | ND | ND | 3.48 |
| 07/16/2004 | A4674201 | 8021 | ND | ND | ND | ND | ND | ND | 3 E | ND | ND | ND | ND | 3 |
| 10/12/2004 | A4A09702 | 8021 | ND | ND | ND | ND | ND | 0.53 J | 6.1 | ND | ND | ND | ND | 6.63 |
| 01/12/2005 | A5036203 | 8260 | ND | ND | ND | ND | ND | 0.62 J | 4.8 | ND | 0.38 J | ND | ND | 5.8 |
| 04/26/2005 | A5414301 | 8260 | ND | ND | ND | ND | ND | 0.6 J | 4.3 | ND | 0.3 J | ND | ND | 5.2 |
| 07/26/2005 | A5791602 | 8260/5ML | ND | ND | ND | ND | ND | ND | 2.1 | ND | ND | ND | ND | 2.1 |
| 10/21/2005 | A5B92602 | 8260 | ND | ND | ND | ND | ND | 0.73 J | 4.8 | ND | 0.91 J | ND | ND | 6.44 |
| 01/27/2006 | A6102501 | 8260 | ND | ND | ND | ND | ND | 0.64 J | 5.4 | ND | 1.6 | ND | ND | 7.64 |
| 04/20/2006 | 6D21003-04 | 8260B | ND | ND | ND | ND | ND | ND | 3 | ND | ND | ND | ND | 3 |
| 07/18/2006 | 6G19003-04 | 8260B | ND | ND | ND | ND | 5 B | ND | 4 | ND | 1 | ND | ND | 10 |
| 10/11/2006 | 6J12003-05 | 8260B | ND | ND | ND | ND | ND | ND | 5 | ND | 2 | ND | ND | 7 |
| 01/05/2007 | 7A05012-04 | 8260B | ND | ND | ND | ND | 3 B | ND | 6 | ND | 3 | ND | ND | 12 |
| 04/17/2007 | 7D18003-02 | 8260B | ND | ND | ND | ND | ND | ND | 4 | ND | 2 | ND | ND | 6 |
| 07/16/2007 | 7G17015-10 | 8260B | ND | ND | ND | ND | ND | ND | 3 | ND | ND | ND | ND | 3 |
| 10/15/2007 | 7J16003-02 | 8260B | ND | ND | ND | ND | ND | ND | 4 | ND | 2 | ND | ND | 6 |
| 01/09/2008 | 8A10002-06 | 8260B | ND | ND | ND | ND | ND | ND | 4 | ND | 2 | ND | ND | 6 |
| 04/15/2008 | 8D16011-03 | 8260B | ND | ND | ND | ND | 4 B | ND | 4 | ND | 3 | ND | ND | 11 |
| 07/23/2008 | 5423261 | 8260B | ND | ND | ND | ND | ND | ND | 3.1 J | ND | 1.6 J | ND | ND | 4.7 |
| 10/16/2008 | 5501558 | 8260B | ND | ND | ND | ND | ND | ND | 6.1 | ND | 3.2 J | ND | ND | 9.3 |
| 01/21/2009 | 5582426 | 8260B | ND | ND | ND | ND | ND | ND | 5.9 | ND | 2.9 J | ND | ND | 8.8 |
| 04/16/2009 | 5649167 | 8260B | ND | ND | ND | ND | ND | ND | 3.9 J | ND | 2.5 J | ND | ND | 6.4 |

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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-41M | | | | | | | | | | | | | |
|------------|---------------|----------|-----------------------------------|----------------------|---------------------------------------|--------------------------------------|---------------------------------|---|---|--|--------------------------------|----------------------------------|-----------------------------|-----------------|
| Date | Lab Sample Id | Method | Carbon tetrachloride (ug/L) | Chloroform (ug/L) | 1,1- Dichloro- ethane (ug/L) | 1,1- Dichloro ethene (ug/L) | Methylene chloride (ug/L) | Trans-1,2- dichloro- ethene (ug/L) | Cis-1,2- dichloro- ethene (ug/L) | 1,1,1- Trichloro- ethane (ug/L) | Trichloro- ethene (ug/L) | Tetrachloro- ethene (ug/L) | Vinyl chloride (ug/L) | Total (ug/L) |
| 01/12/2001 | A1035108 | 8021 | ND | ND | ND | ND | ND | 1.3 | 3.1 | ND | 0.37 J | ND | ND | 4.77 |
| 04/19/2001 | A1361312 | 624 | ND | ND | ND | ND | ND | ND | 0.45 | ND | ND | ND | ND | 0.45 |
| 07/10/2001 | A1648709 | 8021 | ND | ND | ND | ND | ND | 0.55 J | 1.6 | ND | 0.38 J | ND | ND | 2.53 |
| 10/18/2001 | A1A23308 | 8021 | ND | ND | ND | ND | ND | ND | ND | ND | 100 | ND | ND | 100 |
| 01/23/2002 | A2076802RI | 8021 | ND | ND | ND | ND | 3.5 | ND | ND | ND | ND | ND | ND | 3.5 |
| 04/15/2002 | A2370101 | 8021 | ND | ND | ND | ND | ND | ND | 1.8 | ND | 1 J | ND | ND | 2.8 |
| 07/15/2002 | A2723101 | 8021 | ND | ND | ND | ND | ND | ND | 1.2 | ND | 0.47 J | ND | ND | 1.67 |
| 10/08/2002 | A2999207 | 8021 | ND | ND | ND | ND | ND | 0.38 J | 1.4 | ND | 0.84 J | ND | ND | 2.62 |
| 01/21/2003 | A3069004 | 8021 | ND | ND | ND | ND | ND | 0.44 J | 1.5 | ND | 0.81 J | ND | ND | 2.75 |
| 04/28/2003 | A3399801 | 8021 | ND | ND | ND | ND | ND | 0.57 J | 2.3 | ND | ND | ND | ND | 2.87 |
| 07/17/2003 | A3683705 | 8021 | ND | ND | ND | ND | ND | 0.52 J | 2.3 | ND | 0.65 J | ND | ND | 3.47 |
| 10/17/2003 | A3A09005 | 8021 | ND | ND | ND | ND | ND | ND | 2.7 | ND | ND | ND | ND | 2.7 |
| 01/21/2004 | A4053204 | 8021 | ND | ND | ND | ND | ND | ND | 2.4 | ND | ND | ND | ND | 2.4 |
| 04/30/2004 | A4402402 | 8021 | ND | ND | ND | ND | ND | 1.2 | 3.1 | ND | ND | ND | ND | 4.3 |
| 07/16/2004 | A4674202 | 8260 | ND | ND | ND | ND | ND | 0.9 J | 2.3 | ND | 0.3 J | ND | ND | 3.5 |
| 07/16/2004 | A4674202 | 8021 | ND | ND | ND | ND | ND | 1.1 E | 2.6 E | ND | ND | ND | ND | 3.7 |
| 10/12/2004 | A4A09701 | 8021 | ND | ND | ND | ND | ND | 1.3 | 6.7 | ND | ND | ND | ND | 8 |
| 01/18/2005 | A5051003 | 8260 | ND | ND | ND | ND | ND | 0.75 J | 2 | ND | 0.38 J | ND | ND | 3.13 |
| 04/26/2005 | A5414302 | 8260 | ND | ND | ND | ND | ND | 1.3 | 3.8 | ND | ND | ND | ND | 5.1 |
| 07/26/2005 | A5791603 | 8260/5ML | ND | ND | ND | ND | ND | 1.2 | 2.9 | ND | ND | ND | ND | 4.1 |
| 10/21/2005 | A5B92603 | 8260 | ND | ND | ND | ND | ND | 1 | 4.3 | ND | ND | ND | 0.99 J | 6.29 |
| 01/27/2006 | A6102502 | 8260 | ND | ND | ND | ND | ND | 0.62 J | 3.1 | ND | ND | ND | ND | 3.72 |
| 04/21/2006 | 6D21017-03 | 8260B | ND | ND | ND | ND | ND | ND | 4 | ND | ND | ND | ND | 4 |
| 07/18/2006 | 6G19003-02 | 8260B | ND | ND | ND | ND | 4 B | ND | 5 | ND | ND | ND | ND | 9 |
| 10/12/2006 | 6J16007-01RE1 | 8260B | ND | ND | ND | ND | ND | ND | 3 | ND | ND | ND | ND | 3 |
| 01/09/2007 | 7A10006-07 | 8260B | ND | ND | ND | ND | ND | ND | 4 | ND | 1 | ND | ND | 5 |
| 04/17/2007 | 7D18003-03 | 8260B | ND | ND | ND | ND | ND | ND | 5 | ND | ND | ND | ND | 5 |
| 07/16/2007 | 7G17015-09 | 8260B | ND | ND | ND | ND | ND | ND | 4 | ND | ND | ND | ND | 4 |
| 10/15/2007 | 7J16003-03 | 8260B | ND | ND | ND | ND | ND | ND | 3 | ND | ND | ND | ND | 3 |
| 01/09/2008 | 8A10002-05 | 8260B | ND | ND | ND | ND | ND | ND | 3 | ND | ND | ND | ND | 3 |
| 04/16/2008 | 8D16026-01 | 8260B | ND | ND | ND | ND | 4 B | ND | 5 | ND | ND | ND | ND | 9 |
| 07/16/2008 | 5417443 | 8260B | ND | ND | ND | ND | ND | ND | 2.5 J | ND | ND | ND | ND | 2.5 |
| 10/16/2008 | 5501557 | 8260B | ND | ND | ND | ND | ND | ND | 4.6 J | ND | ND | ND | ND | 4.6 |
| 01/21/2009 | 5582427 | 8260B | ND | ND | ND | ND | ND | ND | 5.9 | ND | ND | ND | 1.5 J | 7.4 |
| 04/16/2009 | 5649169 | 8260B | ND | ND | ND | ND | ND | ND | 6.8 | ND | ND | ND | 1.4 J | 8.2 |

ND - Not detected, indicates parameter was analyzed for, but not detected at or above the reporting limit.

To address the NYSDEC concerns regarding the presentation and plotting of nondetected values, the data for 2001 to 2004 has been reevaluated and interpreted as follows:

1) Nondetected concentrations have been represented as ND for reporting purposes.

2) Total VOCs have been recalculated and represented as the sum 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-42M | | | | | | | | | | | | | |
|------------|---------------|----------|-----------------------------------|----------------------|---------------------------------------|--------------------------------------|---------------------------------|---|---|--|--------------------------------|----------------------------------|-----------------------------|-----------------|
| Date | Lab Sample Id | Method | Carbon tetrachloride (ug/L) | Chloroform (ug/L) | 1,1- Dichloro- ethane (ug/L) | 1,1- Dichloro ethene (ug/L) | Methylene chloride (ug/L) | Trans-1,2- dichloro- ethene (ug/L) | Cis-1,2- dichloro- ethene (ug/L) | 1,1,1- Trichloro- ethane (ug/L) | Trichloro- ethene (ug/L) | Tetrachloro- ethene (ug/L) | Vinyl chloride (ug/L) | Total (ug/L) |
| 01/12/2001 | A1035114 | 8021 | ND | ND | ND | ND | 2.1 J | 1.2 | 51 | ND | 23 | ND | ND | 77.3 |
| 04/20/2001 | A1366404 | 624 | ND | ND | ND | ND | ND | ND | 39 | ND | 380 D | ND | ND | 419 |
| 07/11/2001 | A1648704 | 8021 | ND | ND | 0.27 J | ND | ND | 1.4 | 45 | ND | 14 | ND | 9.4 | 70.07 |
| 10/17/2001 | A1A23307 | 8021 | ND | ND | ND | ND | ND | 0.4 J | 12 | ND | 3 | ND | ND | 15.4 |
| 11/12/2001 | A1B23801 | 8021 | ND | ND | ND | ND | ND | 0.56 J | 8 | ND | 4 | ND | ND | 12.56 |
| 01/24/2002 | A2076710 | 8021 | ND | ND | ND | ND | ND | 0.5 J | 8.2 | ND | 4.8 | ND | 0.44 J | 13.94 |
| 04/18/2002 | A2378803 | 8021 | ND | ND | ND | ND | ND | 0.43 J | 4.2 | ND | 4.1 | ND | ND | 8.73 |
| 07/16/2002 | A2722908 | 8021 | ND | ND | ND | ND | ND | 0.6 J | 8.2 | ND | 3.9 | ND | ND | 12.7 |
| 10/11/2002 | A2A14401 | 8021 | ND | ND | ND | ND | ND | 1.5 | 16 | ND | 6 | ND | ND | 23.5 |
| 01/23/2003 | A3075204 | 8021 | ND | ND | ND | ND | ND | ND | 8.9 | ND | 12 | ND | ND | 20.9 |
| 04/23/2003 | A3376302 | 8021 | ND | ND | ND | ND | ND | 1.2 | 12 | ND | 6.9 | ND | 0.67 J | 20.77 |
| 07/22/2003 | A3699405 | 8021 | ND | ND | ND | ND | ND | 1 | 15 | ND | 5.2 | ND | ND | 21.2 |
| 10/22/2003 | A3A28303 | 8021 | ND | ND | ND | ND | ND | 2 | 28 | ND | 8.2 | ND | 1.4 J | 39.6 |
| 01/21/2004 | A4053402 | 8021 | ND | ND | ND | ND | ND | ND | 11 | ND | 6.9 | ND | ND | 17.9 |
| 04/28/2004 | A4387603 | 8021 | ND | ND | ND | ND | ND | 1.1 | 10 | ND | 4.9 | ND | ND | 16 |
| 07/09/2004 | A4647101 | 8021 | ND | ND | ND | ND | ND | 1 | 8.5 | ND | 4.3 | ND | ND | 13.8 |
| 10/08/2004 | A4994202 | 8021 | ND | ND | ND | ND | ND | ND | 6.2 | ND | 3.5 | ND | ND | 9.7 |
| 01/18/2005 | A5051101 | 8260 | ND | ND | ND | ND | ND | 0.34 J | 2.6 | ND | 2.6 | ND | ND | 5.54 |
| 04/26/2005 | A5414403 | 8260 | ND | ND | ND | ND | ND | 0.43 J | 5.1 | ND | 3.6 | ND | ND | 9.13 |
| 07/26/2005 | A5791701 | 8260/5ML | ND | ND | ND | ND | ND | 1 | 8.2 | ND | 3.9 | ND | ND | 13.1 |
| 10/20/2005 | A5B92005 | 8260 | ND | ND | ND | ND | ND | 1.5 | 13 | ND | 5.9 | ND | 2.2 | 22.6 |
| 01/24/2006 | A6089108 | 8260 | ND | ND | ND | ND | ND | ND | 4.1 | ND | 2.9 | ND | ND | 7 |
| 04/19/2006 | 6D20002-05 | 8260B | ND | ND | ND | ND | ND | ND | 6 | ND | 4 | ND | ND | 10 |
| 07/18/2006 | 6G19003-08 | 8260B | ND | ND | ND | ND | 5 B | ND | 7 | ND | 3 | ND | ND | 15 |
| 10/11/2006 | 6J12003-03 | 8260B | ND | ND | ND | ND | ND | 1 | 10 | ND | 4 | ND | ND | 15 |
| 01/10/2007 | 7A11003-01 | 8260B | ND | ND | ND | ND | ND | ND | 3 | ND | 2 | ND | ND | 5 |
| 04/16/2007 | 7D17002-01 | 8260B | ND | ND | ND | ND | ND | ND | 5 | ND | 3 | ND | ND | 8 |
| 07/16/2007 | 7G17015-02 | 8260B | ND | ND | ND | ND | 2 | ND | 3 | ND | 2 | ND | ND | 7 |
| 10/09/2007 | 7J10006-09 | 8260B | ND | ND | ND | ND | ND | ND | 4 | ND | 3 | ND | ND | 7 |
| 01/14/2008 | 8A15002-02 | 8260B | ND | ND | ND | ND | ND | ND | 8 | ND | 4 | ND | ND | 12 |
| 04/14/2008 | 8D15002-01 | 8260B | ND | ND | ND | ND | 2 B | ND | 6 | ND | 3 | ND | ND | 11 |
| 07/23/2008 | 5423257 | 8260B | ND | ND | ND | ND | ND | 0.81 J | 6.8 | ND | 2.4 J | ND | ND | 10.01 |
| 10/16/2008 | 5501561 | 8260B | ND | ND | ND | ND | ND | ND | 16 | ND | 31 | ND | ND | 47 |
| 01/21/2009 | 5582431 | 8260B | ND | ND | ND | ND | ND | ND | 6.8 | ND | 5 J | ND | ND | 11.8 |
| 04/15/2009 | 5647725 | 8260B | ND | ND | ND | ND | ND | 1.3 J | 11 | ND | 3.7 J | ND | ND | 16 |

ND - Not detected, indicates parameter was analyzed for, but not detected at or above the reporting limit.

To address the NYSDEC concerns regarding the presentation and plotting of nondetected values, the data for 2001 to 2004 has been reevaluated and interpreted as follows:

1) Nondetected concentrations have been represented as ND for reporting purposes.

2) Total VOCs have been recalculated and represented as the sum 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-43M | | | | | | | | | | | | | |
|------------|---------------|----------|-----------------------------------|----------------------|---------------------------------------|--------------------------------------|---------------------------------|---|---|--|--------------------------------|----------------------------------|-----------------------------|-----------------|
| Date | Lab Sample Id | Method | Carbon tetrachloride (ug/L) | Chloroform (ug/L) | 1,1- Dichloro- ethane (ug/L) | 1,1- Dichloro ethene (ug/L) | Methylene chloride (ug/L) | Trans-1,2- dichloro- ethene (ug/L) | Cis-1,2- dichloro- ethene (ug/L) | 1,1,1- Trichloro- ethane (ug/L) | Trichloro- ethene (ug/L) | Tetrachloro- ethene (ug/L) | Vinyl chloride (ug/L) | Total (ug/L) |
| 01/12/2001 | A1035113 | 8021 | ND | ND | 1.4 | ND | ND | ND | 34 | ND | 4.5 | ND | 2.7 | 42.6 |
| 04/20/2001 | A1366405 | 624 | ND | ND | ND | ND | ND | ND | 4.6 | ND | 2.9 | ND | ND | 7.5 |
| 07/11/2001 | A1648701 | 8021 | ND | ND | 0.35 J | ND | ND | ND | 2.1 | ND | 0.83 J | ND | 0.3 J | 3.58 |
| 11/12/2001 | A1B23802 | 8021 | ND | ND | ND | ND | ND | ND | 14 | ND | 6.4 | ND | 0.37 J | 20.77 |
| 01/21/2002 | A2066007 | 8021 | ND | ND | ND | ND | ND | 0.61 J | 13 | ND | 6.1 | ND | ND | 19.71 |
| 04/11/2002 | A2348302 | 8021 | ND | ND | ND | ND | ND | 0.61 J | 11 | ND | 6.3 | ND | ND | 17.91 |
| 07/11/2002 | A2708317 | 8021 | ND | ND | ND | ND | ND | ND | 10 | ND | 5.4 | ND | ND | 15.4 |
| 10/08/2002 | A2999303 | 8021 | ND | ND | ND | ND | ND | 0.38 J | 6 | ND | 4.3 | ND | 0.29 J | 10.97 |
| 01/16/2003 | A3055804 | 8021 | ND | ND | 0.29 J | ND | ND | 0.4 J | 6.3 | ND | 3.4 | ND | 1.2 J | 11.59 |
| 04/29/2003 | A3398701 | 8021 | ND | ND | ND | ND | ND | ND | 3.8 | ND | 2.4 | ND | 0.34 J | 6.54 |
| 07/17/2003 | A3683706 | 8021 | ND | ND | ND | ND | ND | ND | 2.1 | ND | 1.1 J | ND | ND | 3.2 |
| 10/16/2003 | A3A09002 | 8021 | ND | ND | ND | ND | ND | ND | 3.7 | ND | 8.1 | ND | ND | 11.8 |
| 01/20/2004 | A4053201 | 8021 | ND | ND | ND | ND | ND | ND | 10 | ND | 8.9 | ND | ND | 18.9 |
| 04/28/2004 | A4387602 | 8021 | ND | ND | ND | ND | ND | ND | 2 | ND | 1.4 | ND | ND | 3.4 |
| 07/09/2004 | A4647301 | 8021 | ND | ND | ND | ND | ND | ND | 4.3 | ND | 8.2 | ND | ND | 12.5 |
| 10/07/2004 | A4994505 | 8021 | ND | ND | ND | ND | ND | ND | 7.4 | ND | 36 | ND | ND | 43.4 |
| 01/18/2005 | A5051001 | 8260 | ND | ND | ND | ND | ND | 0.82 J | 8.9 | ND | 5.5 | ND | 1.5 J | 16.72 |
| 04/21/2005 | A5402202 | 8260 | ND | ND | ND | ND | ND | 0.83 J | 10 | ND | 40 E | ND | ND | 50.83 |
| 04/21/2005 | A5402202DL | 8260 | ND | ND | ND | ND | ND | 0.69 DJ | 8.6 D | ND | 34 D | ND | ND | 43.29 |
| 07/26/2005 | A5791702 | 8260/5ML | ND | ND | ND | ND | ND | 1.6 | 17 | ND | 79 | ND | ND | 97.6 |
| 10/20/2005 | A5B91801 | 8260 | ND | ND | ND | ND | ND | 0.64 J | 6 | ND | 6.8 | ND | 1.3 J | 14.74 |
| 01/26/2006 | A6102402 | 8260 | ND | ND | ND | ND | ND | 0.74 J | 12 | ND | 4.6 | ND | 3.8 | 21.14 |
| 04/20/2006 | 6D21003-01 | 8260B | ND | ND | ND | ND | ND | ND | 12 | ND | 3 | ND | 3 | 18 |
| 07/18/2006 | 6G19003-07 | 8260B | ND | ND | ND | ND | 4 B | ND | 8 | ND | 4 | ND | ND | 16 |
| 10/11/2006 | 6J12003-02 | 8260B | ND | ND | ND | ND | ND | 1 | 12 | ND | 36 | ND | ND | 49 |
| 01/10/2007 | 7A11003-02 | 8260B | ND | ND | ND | ND | ND | ND | 12 | ND | 5 | ND | 4 | 21 |
| 04/16/2007 | 7D17002-02 | 8260B | ND | ND | ND | ND | ND | ND | 9 | ND | 2 | ND | ND | 11 |
| 07/16/2007 | 7G17015-03 | 8260B | ND | ND | ND | ND | ND | ND | 9 | ND | 2 | ND | 3 | 14 |
| 10/10/2007 | 7J11002-07 | 8260B | ND | ND | ND | ND | ND | ND | 8 | ND | 3 | ND | 2 | 13 |
| 01/14/2008 | 8A15002-03 | 8260B | ND | ND | ND | ND | ND | ND | 9 | ND | 2 | ND | 2 | 13 |
| 04/14/2008 | 8D15002-02 | 8260B | ND | ND | ND | ND | 3 B | ND | 5 | ND | ND | ND | ND | 8 |
| 07/23/2008 | 5423258 | 8260B | ND | ND | ND | ND | ND | ND | 8.5 | ND | 2.3 J | ND | 2.6 J | 13.4 |
| 10/16/2008 | 5501560 | 8260B | ND | ND | ND | ND | ND | ND | 10 | ND | 2.8 J | ND | 3.1 J | 15.9 |
| 01/15/2009 | 5578617 | 8260B | ND | ND | ND | ND | ND | ND | 9.1 | ND | 5.3 | ND | 2.5 J | 16.9 |
| 04/15/2009 | 5647721 | 8260B | ND | ND | ND | ND | ND | ND | 7.2 | ND | ND | ND | 2.2 J | 9.4 |

ND - Not detected, indicates parameter was analyzed for, but not detected at or above the reporting limit.

To address the NYSDEC concerns regarding the presentation and plotting of nondetected values, the data for 2001 to 2004 has been reevaluated and interpreted as follows:

1) Nondetected concentrations have been represented as ND for reporting purposes.

2) Total VOCs have been recalculated and represented as the sum 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-44M | | | | | | | | | | | | | |
|------------|---------------|----------|-----------------------------------|----------------------|---------------------------------------|--------------------------------------|---------------------------------|---|---|--|--------------------------------|----------------------------------|-----------------------------|-----------------|
| Date | Lab Sample Id | Method | Carbon tetrachloride (ug/L) | Chloroform (ug/L) | 1,1- Dichloro- ethane (ug/L) | 1,1- Dichloro ethene (ug/L) | Methylene chloride (ug/L) | Trans-1,2- dichloro- ethene (ug/L) | Cis-1,2- dichloro- ethene (ug/L) | 1,1,1- Trichloro- ethane (ug/L) | Trichloro- ethene (ug/L) | Tetrachloro- ethene (ug/L) | Vinyl chloride (ug/L) | Total (ug/L) |
| 01/13/2001 | A1041307 | 8021 | ND | ND | 7.6 | 1.2 | ND | 1.1 | 38 | 1.9 | 8 | ND | 15 | 72.8 |
| 04/25/2001 | A1382101 | 8021 | ND | ND | 6 | ND | ND | 0.25 J | 33 | 0.4 J | 4.3 | ND | 7.7 | 51.65 |
| 07/11/2001 | A1648703 | 8021 | ND | ND | 4.5 | ND | ND | ND | 23 | ND | 3 | ND | 2.4 | 32.9 |
| 11/12/2001 | A1B23803 | 8021 | ND | ND | 6.1 | ND | ND | ND | 33 | ND | 27 | ND | 4.5 | 70.6 |
| 01/22/2002 | A2066013 | 8021 | ND | ND | ND | ND | 14 | ND | 22 | ND | ND | ND | ND | 36 |
| 04/12/2002 | A2351802 | 8021 | ND | ND | 7.6 | ND | ND | ND | 33 | ND | 5.9 | ND | 5.6 | 52.1 |
| 07/15/2002 | A2723103 | 8021 | ND | ND | 7.8 | ND | ND | ND | 28 | ND | 5.5 | ND | 4.4 | 45.7 |
| 10/09/2002 | A2A07501 | 8021 | ND | ND | 9.2 | ND | ND | ND | 49 | 0.76 J | 10 | ND | 15 | 83.96 |
| 01/21/2003 | A3069001 | 8021 | ND | 0.54 J | 7.4 | ND | ND | ND | 25 | ND | 5.5 | ND | 4.9 | 43.34 |
| 04/29/2003 | A3398702 | 8021 | ND | ND | 11 | ND | ND | ND | 44 | 0.79 J | 10 | ND | 27 | 92.79 |
| 07/17/2003 | A3683704 | 8021 | ND | ND | 8.3 | ND | ND | ND | 36 | 0.45 J | 4.8 | ND | 13 | 62.55 |
| 10/17/2003 | A3A09003 | 8021 | ND | ND | 8.4 | ND | ND | ND | 26 | ND | 1.6 | ND | 20 | 56 |
| 01/20/2004 | A4053203 | 8021 | ND | ND | 9.1 | ND | ND | ND | 15 | ND | 1.9 | ND | 9.7 | 35.7 |
| 04/28/2004 | A4387601 | 8021 | ND | ND | 8.5 | ND | ND | ND | 27 | ND | 3.2 | ND | 23 | 61.7 |
| 07/09/2004 | A4647302 | 8021 | ND | ND | 8 | ND | ND | ND | 15 | ND | 1.6 | ND | 19 | 43.6 |
| 10/07/2004 | A4994504 | 8021 | ND | ND | 6.3 | ND | ND | ND | 5 | ND | 2.4 | ND | 5.6 | 19.3 |
| 01/18/2005 | A5051002 | 8260 | ND | ND | 8.1 | ND | ND | 0.34 J | 9.1 | 0.25 J | 2.4 | ND | 4.9 | 25.09 |
| 04/21/2005 | A5402201 | 8260 | ND | ND | 7.3 | ND | ND | 0.47 J | 21 | 0.49 J | 5.8 | ND | 15 | 50.06 |
| 07/22/2005 | A5778502 | 8260/5ML | ND | ND | 5.9 | ND | ND | ND | 14 | ND | 3.6 | ND | 5.5 | 29 |
| 10/21/2005 | A5B92604 | 8260 | ND | ND | 8.7 | ND | ND | ND | 9.1 | ND | 3.7 | ND | 6.6 | 28.1 |
| 01/26/2006 | A6102403 | 8260 | ND | ND | 9.1 | ND | ND | 0.63 J | 16 | 0.65 J | 8.1 | ND | 16 | 50.48 |
| 04/20/2006 | 6D21003-02 | 8260B | ND | ND | 7 | ND | ND | ND | 7 | ND | 2 | ND | 8 | 24 |
| 07/18/2006 | 6G19003-06 | 8260B | ND | ND | 7 | ND | 11 B | ND | 8 | ND | 3 | ND | 5 | 34 |
| 10/11/2006 | 6J12003-04 | 8260B | ND | ND | 8 | ND | ND | ND | 12 | ND | 6 | ND | 9 | 35 |
| 01/10/2007 | 7A11003-03 | 8260B | ND | ND | 6 | ND | ND | ND | 5 | ND | 10 | ND | 6 | 27 |
| 04/17/2007 | 7D18003-04 | 8260B | ND | ND | 5 | ND | ND | ND | 1 | ND | ND | ND | 3 | 9 |
| 07/16/2007 | 7G17015-04 | 8260B | ND | ND | 7 | ND | ND | ND | 8 | ND | 5 | ND | 7 | 27 |
| 10/10/2007 | 7J11002-08 | 8260B | ND | ND | 6 | ND | ND | ND | 7 | ND | 4 | ND | 4 | 21 |
| 01/14/2008 | 8A15002-04 | 8260B | ND | ND | 7 | ND | ND | ND | 9 | ND | 5 | ND | 6 | 27 |
| 04/15/2008 | 8D16011-01 | 8260B | ND | ND | 5 | ND | 4 B | ND | 4 | ND | 2 | ND | 4 | 19 |
| 07/28/2008 | 5426819 | 8260B | ND | ND | 7.7 | ND | ND | ND | 8.1 | ND | 5.2 | ND | 7.2 | 28.2 |
| 10/16/2008 | 5501564 | 8260B | ND | ND | 9.6 | ND | ND | ND | 11 | ND | 6.7 | ND | 7.5 | 34.8 |
| 01/15/2009 | 5578616 | 8260B | ND | ND | 8.3 | ND | ND | ND | 8.9 | ND | 7.4 | ND | 6.3 | 30.9 |
| 04/15/2009 | 5647726 | 8260B | ND | ND | 7 | ND | ND | ND | 5.8 | ND | 4.4 J | ND | 5 J | 22.2 |

ND - Not detected, indicates parameter was analyzed for, but not detected at or above the reporting limit.

To address the NYSDEC concerns regarding the presentation and plotting of nondetected values, the data for 2001 to 2004 has been reevaluated and interpreted as follows:

1) Nondetected concentrations have been represented as ND for reporting purposes.

2) Total VOCs have been recalculated and represented as the sum 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-45M | | | | | | | | | | | | | |
|------------|---------------|----------|-----------------------------------|----------------------|---------------------------------------|--------------------------------------|---------------------------------|---|---|--|--------------------------------|----------------------------------|-----------------------------|-----------------|
| Date | Lab Sample Id | Method | Carbon tetrachloride (ug/L) | Chloroform (ug/L) | 1,1- Dichloro- ethane (ug/L) | 1,1- Dichloro ethene (ug/L) | Methylene chloride (ug/L) | Trans-1,2- dichloro- ethene (ug/L) | Cis-1,2- dichloro- ethene (ug/L) | 1,1,1- Trichloro- ethane (ug/L) | Trichloro- ethene (ug/L) | Tetrachloro- ethene (ug/L) | Vinyl chloride (ug/L) | Total (ug/L) |
| 01/18/2001 | A1052404 | 8021 | ND | 1 | ND | ND | ND | ND | ND | ND | ND | ND | ND | 1 |
| 04/18/2001 | A1361301 | 624 | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| 07/18/2001 | A1682901 | 8021 | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| 10/12/2001 | A1A01003 | 8021 | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| 01/15/2002 | A2039404 | 8021 | ND | ND | ND | ND | ND | 0.72 J | 7.3 | ND | 0.66 J | ND | 0.24 J | 8.92 |
| 04/08/2002 | A2332604 | 8260 | ND | ND | ND | ND | ND | ND | 1.1 | ND | ND | ND | ND | 1.1 |
| 07/08/2002 | A2695504 | 8021 | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| 10/03/2002 | A2980606 | 8021 | ND | ND | ND | ND | ND | ND | 0.21 J | ND | 0.67 J | ND | ND | 0.88 |
| 01/13/2003 | A3038007 | 8021 | ND | ND | ND | ND | ND | ND | 1.6 | ND | 0.67 J | ND | ND | 2.27 |
| 04/08/2003 | A3329702 | 8021 | ND | ND | ND | ND | ND | ND | 1.2 | ND | ND | ND | ND | 1.2 |
| 07/03/2003 | A3639718 | 8021 | ND | ND | ND | ND | ND | ND | 8.8 | ND | 66 E | ND | ND | 74.8 |
| 07/03/2003 | A3639718RE | 8021 | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| 10/10/2003 | A3983802 | 8021 | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| 01/08/2004 | A4026307 | 8021 | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| 04/13/2004 | A4331507 | 8021 | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| 06/30/2004 | A4619404 | 8021 | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| 10/22/2004 | A4A47804 | 8021 | ND | ND | ND | ND | ND | ND | 1.3 | ND | ND | ND | ND | 1.3 |
| 01/13/2005 | A5036406 | 8260 | ND | ND | ND | ND | ND | ND | 0.86 J | ND | 0.7 J | ND | ND | 1.56 |
| 04/05/2005 | A5317608 | 8260 | ND | ND | ND | ND | ND | ND | 0.35 J | ND | ND | ND | ND | 0.35 |
| 07/12/2005 | A5733103 | 8260/5ML | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| 07/20/2006 | 6G21005-02 | 8260B | ND | ND | ND | ND | 3 | ND | ND | ND | ND | ND | ND | 3 |
| 07/10/2007 | 7G11015-10 | 8260B | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| 07/25/2008 | 5426026 | 8260B | ND | ND | ND | ND | ND | ND | ND | ND | 1.3 J | ND | ND | 1.3 |

ND - Not detected, indicates parameter was analyzed for, but not detected at or above the reporting limit.

To address the NYSDEC concerns regarding the presentation and plotting of nondetected values, the data for 2001 to 2004 has been reevaluated and interpreted as follows:

1) Nondetected concentrations have been represented as ND for reporting purposes.

2) Total VOCs have been recalculated and represented as the sum 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-46M | | | | | | | | | | | | | |
|------------|---------------|----------|-----------------------------------|----------------------|---------------------------------------|--------------------------------------|---------------------------------|---|---|--|--------------------------------|----------------------------------|-----------------------------|-----------------|
| Date | Lab Sample Id | Method | Carbon tetrachloride (ug/L) | Chloroform (ug/L) | 1,1- Dichloro- ethane (ug/L) | 1,1- Dichloro ethene (ug/L) | Methylene chloride (ug/L) | Trans-1,2- dichloro- ethene (ug/L) | Cis-1,2- dichloro- ethene (ug/L) | 1,1,1- Trichloro- ethane (ug/L) | Trichloro- ethene (ug/L) | Tetrachloro- ethene (ug/L) | Vinyl chloride (ug/L) | Total (ug/L) |
| 01/17/2001 | A1052405 | 8021 | ND | 0.62 J | ND | ND | 1.4 J | 2.3 | 54 | ND | 2.8 | ND | 3.2 | 64.32 |
| 04/18/2001 | A1361304 | 624 | ND | ND | ND | ND | ND | ND | 5.8 | ND | 0.26 | ND | ND | 6.06 |
| 07/18/2001 | A1682905 | 8021 | ND | ND | ND | ND | ND | 0.32 J | 29 | ND | 1.7 | ND | 0.61 J | 31.63 |
| 10/12/2001 | A1A01004 | 8021 | ND | ND | ND | ND | ND | 0.46 J | 41 | ND | 1.1 J | ND | 2.3 | 44.86 |
| 01/15/2002 | A2039405 | 8021 | ND | ND | ND | ND | ND | 0.46 J | 31 | ND | 1.3 | ND | 1.7 J | 34.46 |
| 04/09/2002 | A2332611 | 8260 | ND | ND | 0.28 J | 0.23 J | ND | 0.88 J | 62 D | ND | 2.7 | ND | 1.8 | 67.89 |
| 07/09/2002 | A2695508 | 8021 | ND | ND | ND | ND | ND | ND | 52 | ND | ND | ND | ND | 52 |
| 10/03/2002 | A2980608 | 8021 | ND | ND | ND | ND | ND | ND | 120 | ND | 6.6 | ND | 3.3 | 129.9 |
| 01/14/2003 | A3043003 | 8021 | ND | ND | ND | ND | ND | 1.1 | 58 | ND | 3.4 | ND | 2.9 | 65.4 |
| 04/08/2003 | A3329705 | 8021 | ND | ND | ND | ND | ND | ND | 12 | ND | 0.44 J | ND | 0.52 J | 12.96 |
| 07/02/2003 | A3639701 | 8021 | ND | ND | ND | ND | ND | ND | 36 | ND | ND | ND | 1.4 J | 37.4 |
| 10/09/2003 | A3978812 | 8021 | ND | ND | ND | ND | ND | ND | 150 | ND | 5.1 | ND | 3.8 | 158.9 |
| 01/08/2004 | A4026306 | 8021 | ND | ND | ND | ND | ND | ND | 23 | ND | 1.5 | ND | 1.1 J | 25.6 |
| 04/13/2004 | A4331506 | 8021 | ND | ND | ND | ND | ND | ND | 82 | ND | 6.9 | ND | 2.5 | 91.4 |
| 06/30/2004 | A4619405 | 8021 | ND | ND | 1.3 | ND | ND | 2.6 | 120 | ND | 8.7 | ND | 6.4 | 139 |
| 10/22/2004 | A4A47805 | 8021 | ND | ND | 0.67 J | ND | ND | 1.7 | 130 D | ND | 9.2 | ND | 4.1 | 147.37 |
| 01/13/2005 | A5036407 | 8260 | ND | ND | ND | ND | ND | 1.8 | 100 | ND | 11 | ND | 5.4 | 118.2 |
| 04/05/2005 | A5317609 | 8260 | ND | ND | ND | ND | ND | ND | 1.8 | ND | ND | ND | ND | 1.8 |
| 07/12/2005 | A5733104 | 8260/5ML | . ND | ND | 0.57 J | ND | ND | 1.6 | 82 | ND | 8.2 | ND | 5.6 | 97.97 |
| 07/20/2006 | 6G21005-01 | 8260B | ND | ND | ND | ND | 3 | 1 | 59 | ND | 7 | ND | 4 | 74 |
| 07/10/2007 | 7G11015-11RE1 | 8260B | ND | ND | ND | ND | ND | ND | 33 | ND | 5 | ND | 2 | 40 |
| 07/25/2008 | 5426034 | 8260B | ND | ND | ND | ND | ND | ND | 18 | ND | 1.2 J | ND | 2.7 J | 21.9 |

ND - Not detected, indicates parameter was analyzed for, but not detected at or above the reporting limit.

To address the NYSDEC concerns regarding the presentation and plotting of nondetected values, the data for 2001 to 2004 has been reevaluated and interpreted as follows:

1) Nondetected concentrations have been represented as ND for reporting purposes.

2) Total VOCs have been recalculated and represented as the sum 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-48M | | | | | | | | | | | | | |
|------------|---------------|----------|-----------------------------------|----------------------|---------------------------------------|--------------------------------------|---------------------------------|---|---|--|--------------------------------|----------------------------------|-----------------------------|-----------------|
| Date | Lab Sample Id | Method | Carbon tetrachloride (ug/L) | Chloroform (ug/L) | 1,1- Dichloro- ethane (ug/L) | 1,1- Dichloro ethene (ug/L) | Methylene chloride (ug/L) | Trans-1,2- dichloro- ethene (ug/L) | Cis-1,2- dichloro- ethene (ug/L) | 1,1,1- Trichloro- ethane (ug/L) | Trichloro- ethene (ug/L) | Tetrachloro- ethene (ug/L) | Vinyl chloride (ug/L) | Total (ug/L) |
| 01/15/2001 | A1041306 | 8021 | ND | ND | ND | ND | ND | 5.8 | 77 | ND | 31 | ND | 18 | 131.8 |
| 04/25/2001 | A1382104 | 8021 | ND | ND | ND | ND | ND | ND | 10 | ND | 37 | ND | ND | 47 |
| 07/11/2001 | A1648712 | 8021 | ND | 0.84 J | ND | ND | 1.2 J | 2.6 | 90 | ND | 9.6 | ND | 25 | 129.24 |
| 10/17/2001 | A1A23302 | 8021 | ND | ND | ND | ND | 3.1 | ND | 13 | ND | 170 | ND | ND | 186.1 |
| 01/24/2002 | A2076709 | 8021 | ND | ND | ND | ND | ND | 0.63 J | 9.7 | ND | 15 | ND | ND | 25.33 |
| 04/15/2002 | A2370204 | 8021 | ND | ND | ND | ND | ND | 0.46 J | 7.8 | ND | 22 | ND | ND | 30.26 |
| 07/16/2002 | A2722917 | 8021 | ND | ND | ND | ND | ND | 0.53 J | 8.2 | ND | 25 | ND | ND | 33.73 |
| 10/09/2002 | A2A07505 | 8021 | ND | ND | ND | ND | ND | ND | 8.2 | ND | 17 | ND | ND | 25.2 |
| 01/23/2003 | A3075203 | 8021 | ND | ND | ND | ND | ND | ND | 7.9 | ND | 15 | ND | ND | 22.9 |
| 04/28/2003 | A3399701 | 8021 | ND | ND | ND | ND | ND | 1 | 16 | ND | 20 | ND | 0.55 J | 37.55 |
| 07/18/2003 | A3689002 | 8021 | ND | ND | ND | ND | ND | 0.67 J | 12 | ND | 13 | ND | ND | 25.67 |
| 10/22/2003 | A3A28304 | 8021 | ND | ND | ND | ND | ND | ND | 10 | ND | 13 | ND | ND | 23 |
| 01/22/2004 | A4057103 | 8021 | ND | ND | ND | ND | ND | ND | 3 | ND | 6.5 | ND | ND | 9.5 |
| 04/27/2004 | A4387502 | 8021 | ND | ND | ND | ND | ND | ND | 3.2 | ND | 8.5 | ND | ND | 11.7 |
| 07/13/2004 | A4663802 | 8021 | ND | ND | ND | ND | ND | ND | 2.6 | ND | 6.7 | ND | ND | 9.3 |
| 10/13/2004 | A4A09401 | 8021 | ND | ND | ND | ND | ND | ND | 4.1 | ND | 6.6 | ND | ND | 10.7 |
| 01/12/2005 | A5036102 | 8260 | ND | ND | ND | ND | ND | ND | 1.4 | ND | 5 | ND | ND | 6.4 |
| 04/21/2005 | A5402002 | 8260 | ND | ND | ND | ND | ND | ND | 1 | ND | 4.6 | ND | ND | 5.6 |
| 07/21/2005 | A5768402 | 8260/5ML | ND | ND | ND | ND | ND | ND | 1.6 | ND | 5.6 | ND | ND | 7.2 |
| 10/20/2005 | A5B92002 | 8260 | ND | ND | ND | ND | ND | ND | 2.3 | ND | 6.1 | ND | ND | 8.4 |
| 01/24/2006 | A6089114 | 8260 | ND | ND | ND | ND | ND | ND | 0.79 J | ND | 2.2 | ND | ND | 2.99 |
| 04/18/2006 | 6D19002-01 | 8260B | ND | ND | ND | ND | 2 | ND | ND | ND | 3 | ND | ND | 5 |
| 07/21/2006 | 6G21018-01 | 8260B | ND | ND | ND | ND | ND | ND | 2 | ND | 4 | ND | ND | 6 |
| 10/12/2006 | 6J16007-03RE1 | 8260B | ND | ND | ND | ND | ND | ND | ND | ND | 2 | ND | ND | 2 |
| 01/05/2007 | 7A05012-01 | 8260B | ND | ND | ND | ND | ND | ND | ND | ND | 2 | ND | ND | 2 |
| 04/11/2007 | 7D12002-01 | 8260B | ND | ND | ND | ND | ND | ND | ND | ND | 3 | ND | ND | 3 |
| 07/12/2007 | 7G13019-06 | 8260B | ND | ND | ND | ND | ND | ND | ND | ND | 2 | ND | ND | 2 |
| 10/11/2007 | 7J12012-07 | 8260B | ND | ND | ND | ND | ND | ND | ND | ND | 1 | ND | ND | 1 |
| 01/08/2008 | 8A09005-02 | 8260B | ND | ND | ND | ND | ND | ND | ND | ND | 1 | ND | ND | 1 |
| 04/10/2008 | 8D11008-04 | 8260B | ND | ND | ND | ND | ND | ND | ND | ND | 3 | ND | ND | 3 |
| 07/24/2008 | 5424628 | 8260B | ND | ND | ND | ND | ND | ND | 0.95 J | ND | 2.9 J | ND | ND | 3.85 |
| 10/15/2008 | 5499971 | 8260B | ND | ND | ND | ND | ND | ND | 1.4 J | ND | 2.9 J | ND | ND | 4.3 |
| 01/14/2009 | 5577591 | 8260B | ND | ND | ND | ND | ND | ND | 1.3 J | ND | 2.7 J | ND | ND | 4 |
| 04/14/2009 | 5646767 | 8260B | ND | ND | ND | ND | ND | ND | 1 J | ND | 2.9 J | ND | ND | 3.9 |

ND - Not detected, indicates parameter was analyzed for, but not detected at or above the reporting limit.

To address the NYSDEC concerns regarding the presentation and plotting of nondetected values, the data for 2001 to 2004 has been reevaluated and interpreted as follows:

1) Nondetected concentrations have been represented as ND for reporting purposes.

2) Total VOCs have been recalculated and represented as the sum 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-49M | | | | | | | | | | | | | |
|------------|---------------|----------|-----------------------------------|----------------------|---------------------------------------|--------------------------------------|---------------------------------|---|---|--|--------------------------------|----------------------------------|-----------------------------|-----------------|
| Date | Lab Sample Id | Method | Carbon tetrachloride (ug/L) | Chloroform (ug/L) | 1,1- Dichloro- ethane (ug/L) | 1,1- Dichloro ethene (ug/L) | Methylene chloride (ug/L) | Trans-1,2- dichloro- ethene (ug/L) | Cis-1,2- dichloro- ethene (ug/L) | 1,1,1- Trichloro- ethane (ug/L) | Trichloro- ethene (ug/L) | Tetrachloro- ethene (ug/L) | Vinyl chloride (ug/L) | Total (ug/L) |
| 01/15/2001 | A1041305 | 8021 | ND | ND | ND | ND | ND | ND | 2.2 | ND | 0.55 J | ND | ND | 2.75 |
| 04/25/2001 | A1382103 | 8021 | ND | ND | ND | ND | ND | ND | 0.72 J | ND | 2.3 | ND | ND | 3.02 |
| 07/11/2001 | A1648717 | 8021 | ND | ND | ND | ND | ND | ND | 0.74 J | ND | 1.8 | ND | ND | 2.54 |
| 10/17/2001 | A1A23301 | 8021 | ND | ND | ND | ND | ND | ND | 2.2 | ND | 120 | ND | ND | 122.2 |
| 01/24/2002 | A2076706 | 8021 | ND | ND | ND | ND | 3.2 | ND | ND | ND | ND | ND | ND | 3.2 |
| 04/15/2002 | A2370201 | 8021 | ND | ND | ND | ND | ND | ND | ND | ND | 0.45 J | ND | ND | 0.45 |
| 07/15/2002 | A2722904 | 8021 | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| 10/09/2002 | A2A07504 | 8021 | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| 01/22/2003 | A3068903 | 8021 | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| 04/23/2003 | A3376303 | 8021 | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| 07/18/2003 | A3689001 | 8021 | ND | ND | ND | ND | ND | ND | ND | ND | 0.31 J | ND | ND | 0.31 |
| 10/22/2003 | A3A21904 | 8021 | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| 01/22/2004 | A4057102 | 8021 | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| 04/27/2004 | A4387503 | 8021 | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| 07/13/2004 | A4663803 | 8021 | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| 10/13/2004 | A4A09402 | 8021 | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| 01/12/2005 | A5036103 | 8260 | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| 04/21/2005 | A5402003 | 8260 | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| 07/21/2005 | A5768403 | 8260/5ML | ND | ND | ND | ND | ND | ND | 0.51 J | ND | 2.6 | ND | ND | 3.11 |
| 10/20/2005 | A5B92003 | 8260 | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| 01/24/2006 | A6089115 | 8260 | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| 04/18/2006 | 6D19002-02 | 8260B | ND | ND | ND | ND | 2 | ND | ND | ND | ND | ND | ND | 2 |
| 07/21/2006 | 6G21018-02 | 8260B | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| 10/12/2006 | 6J16007-04 | 8260B | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| 01/05/2007 | 7A05012-02 | 8260B | ND | ND | ND | ND | 5 B | ND | ND | ND | ND | ND | ND | 5 |
| 04/11/2007 | 7D12002-02 | 8260B | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| 07/12/2007 | 7G13019-09 | 8260B | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| 10/11/2007 | 7J12012-08 | 8260B | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| 01/08/2008 | 8A09005-03 | 8260B | ND | ND | ND | ND | ND | ND | ND | ND | 1 | ND | ND | 1 |
| 04/10/2008 | 8D11008-05 | 8260B | ND | ND | ND | ND | 2 | ND | ND | ND | ND | ND | ND | 2 |
| 07/16/2008 | 5417445 | 8260B | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| 10/15/2008 | 5499972 | 8260B | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| 01/14/2009 | 5577588 | 8260B | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| 04/14/2009 | 5646768 | 8260B | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |

ND - Not detected, indicates parameter was analyzed for, but not detected at or above the reporting limit.

To address the NYSDEC concerns regarding the presentation and plotting of nondetected values, the data for 2001 to 2004 has been reevaluated and interpreted as follows:

1) Nondetected concentrations have been represented as ND for reporting purposes.

2) Total VOCs have been recalculated and represented as the sum 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 | | | | | | | | | | | | | |
|------------|---------------|----------|-----------------------------------|----------------------|---------------------------------------|--------------------------------------|---------------------------------|---|---|--|--------------------------------|----------------------------------|-----------------------------|-----------------|
| Date | Lab Sample Id | Method | Carbon tetrachloride (ug/L) | Chloroform (ug/L) | 1,1- Dichloro- ethane (ug/L) | 1,1- Dichloro ethene (ug/L) | Methylene chloride (ug/L) | Trans-1,2- dichloro- ethene (ug/L) | Cis-1,2- dichloro- ethene (ug/L) | 1,1,1- Trichloro- ethane (ug/L) | Trichloro- ethene (ug/L) | Tetrachloro- ethene (ug/L) | Vinyl chloride (ug/L) | Total (ug/L) |
| 01/16/2001 | A1043903 | 8021 | ND | ND | ND | ND | ND | ND | 1.7 | ND | 5.8 | ND | ND | 7.5 |
| 04/17/2001 | A1345703 | 624 | ND | ND | ND | ND | ND | ND | ND | ND | 8.6 | ND | ND | 8.6 |
| 07/13/2001 | A1663810 | 8021 | ND | ND | ND | ND | ND | ND | 0.32 J | ND | 6 | ND | ND | 6.32 |
| 10/10/2001 | A1994704 | 8021 | ND | ND | ND | ND | ND | ND | 0.38 J | ND | 6.1 | ND | ND | 6.48 |
| 01/22/2002 | A2066011RE | 8021 | ND | ND | ND | ND | ND | ND | 2.2 | ND | 10 | ND | ND | 12.2 |
| 04/11/2002 | A2348303 | 8021 | ND | ND | ND | ND | ND | ND | 4.7 | ND | 16 | ND | ND | 20.7 |
| 07/12/2002 | A2713908 | 8021 | ND | ND | ND | ND | ND | ND | 7.2 | ND | 19 | ND | ND | 26.2 |
| 10/08/2002 | A2999310 | 8021 | ND | ND | ND | ND | ND | 0.26 J | 6 | ND | 10 | ND | ND | 16.26 |
| 01/20/2003 | A3060802 | 8021 | ND | ND | ND | ND | ND | ND | 1.9 | ND | 9.8 | ND | ND | 11.7 |
| 04/29/2003 | A3398703 | 8021 | ND | ND | ND | ND | ND | ND | 2.4 | ND | 18 | ND | ND | 20.4 |
| 07/16/2003 | A3683702 | 8021 | ND | ND | ND | ND | ND | 0.2 J | 3.6 | ND | 14 | ND | ND | 17.8 |
| 10/16/2003 | A3A09001 | 8021 | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| 04/23/2004 | A4373002 | 8021 | ND | ND | ND | ND | ND | ND | 23 | ND | 28 | ND | ND | 51 |
| 07/20/2004 | A4682801 | 8021 | ND | ND | ND | ND | ND | ND | 20 E | ND | 30 E | ND | ND | 50 |
| 07/20/2004 | A4682801 | 8260 | ND | ND | ND | ND | ND | 0.98 J | 19 | ND | 34 | ND | 0.92 J | 54.9 |
| 10/22/2004 | A4A48002 | 8021 | ND | ND | ND | ND | ND | 0.87 J | 23 | ND | 32 | ND | 0.59 J | 56.46 |
| 01/17/2005 | A5044301 | 8260 | ND | ND | ND | ND | ND | 0.67 J | 12 | ND | 27 | ND | ND | 39.67 |
| 04/19/2005 | A5387501 | 8260 | ND | ND | ND | ND | ND | 1.1 | 16 | ND | 56 E | ND | ND | 73.1 |
| 04/19/2005 | A5387501DL | 8260 | ND | ND | ND | ND | ND | 1.1 D | 15 D | ND | 55 D | ND | ND | 71.1 |
| 07/22/2005 | A5778501 | 8260/5ML | . ND | ND | ND | ND | ND | 1.2 | 15 | ND | 51 | ND | ND | 67.2 |
| 07/18/2006 | 6G19003-11RE1 | 8260B | ND | ND | ND | ND | ND | ND | 14 | ND | 44 | ND | ND | 58 |
| 07/12/2007 | 7G13019-01 | 8260B | ND | ND | ND | ND | ND | ND | 19 | ND | 69 | ND | ND | 88 |
| 07/22/2008 | 5422168 | 8260B | ND | ND | ND | ND | ND | 1.6 J | 25 | ND | 91 | ND | ND | 117.6 |

ND - Not detected, indicates parameter was analyzed for, but not detected at or above the reporting limit.

To address the NYSDEC concerns regarding the presentation and plotting of nondetected values, the data for 2001 to 2004 has been reevaluated and interpreted as follows:

1) Nondetected concentrations have been represented as ND for reporting purposes.

2) Total VOCs have been recalculated and represented as the sum of the detected parameters shown on this table.

3) The method change to 8260 was approved by the NYSDEC and changed in January 2005.

| Well Id: | B-51M | | | | | | | | | | | | | |
|------------|---------------|----------|-----------------------------------|----------------------|---------------------------------------|--------------------------------------|---------------------------------|---|---|--|--------------------------------|----------------------------------|-----------------------------|-----------------|
| Date | Lab Sample Id | Method | Carbon tetrachloride (ug/L) | Chloroform (ug/L) | 1,1- Dichloro- ethane (ug/L) | 1,1- Dichloro ethene (ug/L) | Methylene chloride (ug/L) | Trans-1,2- dichloro- ethene (ug/L) | Cis-1,2- dichloro- ethene (ug/L) | 1,1,1- Trichloro- ethane (ug/L) | Trichloro- ethene (ug/L) | Tetrachloro- ethene (ug/L) | Vinyl chloride (ug/L) | Total (ug/L) |
| 01/16/2001 | A1043904 | 8021 | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| 04/17/2001 | A1345701 | 624 | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| 07/13/2001 | A1663815 | 8021 | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| 10/10/2001 | A1994705 | 8021 | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| 01/17/2002 | A2058503 | 8021 | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| 04/09/2002 | A2332610 | 8260 | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| 07/10/2002 | A2708307 | 8021 | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| 10/03/2002 | A2980613 | 8021 | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| 01/15/2003 | A3043009 | 8021 | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| 04/17/2003 | A3361703 | 8021 | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| 07/15/2003 | A3670610 | 8021 | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| 10/16/2003 | A3A08902 | 8021 | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| 04/21/2004 | A4356905 | 8021 | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| 07/20/2004 | A4682901 | 8021 | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| 10/21/2004 | A4A47807 | 8021 | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| 04/22/2005 | A5402102 | 8260 | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| 07/22/2005 | A5778403 | 8260/5ML | . ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| 07/18/2006 | 6G19003-12 | 8260B | ND | ND | ND | ND | 4 B | ND | ND | ND | ND | ND | ND | 4 |
| 07/11/2007 | 7G12003-08 | 8260B | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| 07/22/2008 | 5422169 | 8260B | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |

ND - Not detected, indicates parameter was analyzed for, but not detected at or above the reporting limit.

To address the NYSDEC concerns regarding the presentation and plotting of nondetected values, the data for 2001 to 2004 has been reevaluated and interpreted as follows:

1) Nondetected concentrations have been represented as ND for reporting purposes.

2) Total VOCs have been recalculated and represented as the sum of the detected parameters shown on this table.

3) The method change to 8260 was approved by the NYSDEC and changed in January 2005.

| Well Id: | B-52M | | | | | | | | | | | | | |
|------------|---------------|--------|-----------------------------------|----------------------|---------------------------------------|--------------------------------------|---------------------------------|---|---|--|--------------------------------|----------------------------------|-----------------------------|-----------------|
| Date | Lab Sample Id | Method | Carbon tetrachloride (ug/L) | Chloroform (ug/L) | 1,1- Dichloro- ethane (ug/L) | 1,1- Dichloro ethene (ug/L) | Methylene chloride (ug/L) | Trans-1,2- dichloro- ethene (ug/L) | Cis-1,2- dichloro- ethene (ug/L) | 1,1,1- Trichloro- ethane (ug/L) | Trichloro- ethene (ug/L) | Tetrachloro- ethene (ug/L) | Vinyl chloride (ug/L) | Total (ug/L) |
| 01/18/2001 | A1052402 | 8021 | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| 04/17/2001 | A1345706 | 624 | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| 07/16/2001 | A1674107 | 8021 | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| 10/16/2001 | A1A17407 | 8021 | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| 01/17/2002 | A2058504 | 8021 | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| 04/16/2002 | A2369802 | 8021 | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| 07/11/2002 | A2708308 | 8021 | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| 10/11/2002 | A2A14501 | 8021 | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| 01/16/2003 | A3056005 | 8021 | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| 04/07/2003 | A3320705 | 8021 | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| 07/02/2003 | A3639702 | 8021 | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| 10/10/2003 | A3983801 | 8021 | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| 04/13/2004 | A4331508 | 8021 | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| 06/30/2004 | A4619401 | 8021 | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| 10/22/2004 | A4A47803 | 8021 | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| 01/13/2005 | A5036408 | 8260 | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| 04/06/2005 | A5317601 | 8260 | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| 07/07/2005 | A5706804 | 8260 | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| 07/19/2006 | 6G20004-04 | 8260B | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| 07/12/2007 | 7G13019-02 | 8260B | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| 07/22/2008 | 5422160 | 8260B | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |

ND - Not detected, indicates parameter was analyzed for, but not detected at or above the reporting limit.

To address the NYSDEC concerns regarding the presentation and plotting of nondetected values, the data for 2001 to 2004 has been reevaluated and interpreted as follows:

1) Nondetected concentrations have been represented as ND for reporting purposes.

2) Total VOCs have been recalculated and represented as the sum of the detected parameters shown on this table.

3) The method change to 8260 was approved by the NYSDEC and changed in January 2005.

| Well Id: | B-53M | | | | | | | | | | | | | |
|------------|---------------|----------|-----------------------------------|----------------------|---------------------------------------|--------------------------------------|---------------------------------|---|---|--|--------------------------------|----------------------------------|-----------------------------|-----------------|
| Date | Lab Sample Id | Method | Carbon tetrachloride (ug/L) | Chloroform (ug/L) | 1,1- Dichloro- ethane (ug/L) | 1,1- Dichloro ethene (ug/L) | Methylene chloride (ug/L) | Trans-1,2- dichloro- ethene (ug/L) | Cis-1,2- dichloro- ethene (ug/L) | 1,1,1- Trichloro- ethane (ug/L) | Trichloro- ethene (ug/L) | Tetrachloro- ethene (ug/L) | Vinyl chloride (ug/L) | Total (ug/L) |
| 01/18/2001 | A1052403 | 8021 | ND | ND | ND | ND | ND | ND | 0.44 J | ND | 4.6 | ND | ND | 5.04 |
| 04/17/2001 | A1345705 | 624 | ND | ND | ND | ND | ND | ND | ND | ND | 5.8 | ND | ND | 5.8 |
| 07/16/2001 | A1674105 | 8021 | ND | ND | ND | ND | ND | ND | 0.2 J | ND | 3.8 | ND | ND | 4 |
| 10/16/2001 | A1A17408 | 8021 | ND | ND | ND | ND | ND | ND | 0.32 J | ND | 7.1 | ND | ND | 7.42 |
| 01/22/2002 | A2066010 | 8021 | ND | ND | ND | ND | ND | ND | ND | ND | 3.8 | ND | ND | 3.8 |
| 04/17/2002 | A2378403 | 8021 | ND | ND | ND | ND | ND | ND | 1.4 | ND | 4.2 | ND | ND | 5.6 |
| 07/12/2002 | A2713905 | 8021 | ND | ND | ND | ND | ND | ND | 1.6 | ND | 5.1 | ND | ND | 6.7 |
| 10/11/2002 | A2A14601 | 8021 | ND | ND | ND | ND | ND | ND | 1.6 | ND | 12 | ND | ND | 13.6 |
| 01/20/2003 | A3060803 | 8021 | ND | ND | ND | ND | ND | ND | 1.4 | ND | 7.4 | ND | ND | 8.8 |
| 04/09/2003 | A3329508 | 8021 | ND | ND | ND | ND | ND | ND | 1.6 | ND | 11 | ND | ND | 12.6 |
| 07/08/2003 | A3649107 | 8021 | ND | ND | ND | ND | ND | ND | 0.6 J | ND | 8 | ND | ND | 8.6 |
| 10/13/2003 | A3991404 | 8021 | ND | ND | ND | ND | ND | ND | 1.2 | ND | 7.6 | ND | ND | 8.8 |
| 04/13/2004 | A4331801 | 8021 | ND | ND | ND | ND | ND | ND | 2.6 | ND | 4.9 | ND | ND | 7.5 |
| 07/07/2004 | A4636501 | 8021 | ND | ND | ND | ND | ND | ND | 2.5 | ND | 4.6 | ND | ND | 7.1 |
| 10/22/2004 | A4A48003 | 8021 | ND | ND | ND | ND | ND | ND | 1.9 | ND | 9.8 | ND | ND | 11.7 |
| 01/13/2005 | A5036205 | 8260 | ND | ND | ND | ND | ND | ND | 2.1 | ND | 3.5 | ND | 1 J | 6.6 |
| 04/06/2005 | A5317805 | 8260 | ND | ND | ND | ND | ND | ND | 1.8 | ND | 2.1 | ND | ND | 3.9 |
| 07/07/2005 | A5706901 | 8260/5ML | ND | ND | ND | ND | ND | ND | 1.9 | ND | 1.8 | ND | ND | 3.7 |
| 07/19/2006 | 6G20004-03 | 8260B | ND | ND | ND | ND | ND | ND | 2 | ND | 2 | ND | ND | 4 |
| 07/12/2007 | 7G13019-03 | 8260B | ND | ND | ND | ND | ND | ND | 2 | ND | 2 | ND | ND | 4 |
| 07/22/2008 | 5422161 | 8260B | ND | ND | ND | ND | ND | ND | 6.9 | ND | 26 | ND | ND | 32.9 |

ND - Not detected, indicates parameter was analyzed for, but not detected at or above the reporting limit.

To address the NYSDEC concerns regarding the presentation and plotting of nondetected values, the data for 2001 to 2004 has been reevaluated and interpreted as follows:

1) Nondetected concentrations have been represented as ND for reporting purposes.

2) Total VOCs have been recalculated and represented as the sum of the detected parameters shown on this table.

3) The method change to 8260 was approved by the NYSDEC and changed in January 2005.

| Well Id: | B-54M | | | | | | | | | | | | | |
|------------|---------------|--------|-----------------------------------|----------------------|---------------------------------------|--------------------------------------|---------------------------------|---|---|--|--------------------------------|----------------------------------|-----------------------------|-----------------|
| Date | Lab Sample Id | Method | Carbon tetrachloride (ug/L) | Chloroform (ug/L) | 1,1- Dichloro- ethane (ug/L) | 1,1- Dichloro ethene (ug/L) | Methylene chloride (ug/L) | Trans-1,2- dichloro- ethene (ug/L) | Cis-1,2- dichloro- ethene (ug/L) | 1,1,1- Trichloro- ethane (ug/L) | Trichloro- ethene (ug/L) | Tetrachloro- ethene (ug/L) | Vinyl chloride (ug/L) | Total (ug/L) |
| 01/22/2001 | A1063401 | 8021 | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| 04/18/2001 | A1361305 | 624 | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| 07/16/2001 | A1674104 | 8021 | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| 10/11/2001 | A1994708 | 8021 | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| 01/15/2002 | A2039406 | 8021 | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| 04/08/2002 | A2332605 | 8260 | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| 07/09/2002 | A2695506 | 8021 | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| 10/03/2002 | A2980604 | 8021 | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| 01/14/2003 | A3043001 | 8021 | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| 04/08/2003 | A3320707 | 8021 | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| 07/08/2003 | A3649205 | 8021 | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| 10/10/2003 | A3983805 | 8021 | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| 04/13/2004 | A4331509 | 8021 | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| 06/30/2004 | A4619402 | 8021 | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| 10/22/2004 | A4A47802 | 8021 | ND | ND | ND | ND | 0.58 J | ND | ND | ND | ND | ND | ND | 0.58 |
| 01/17/2005 | A5043901 | 8260 | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| 04/06/2005 | A5317602 | 8260 | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| 07/07/2005 | A5706803 | 8260 | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| 07/19/2006 | 6G20004-08 | 8260B | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| 07/12/2007 | 7G13019-04 | 8260B | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| 07/22/2008 | 5422162 | 8260B | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |

ND - Not detected, indicates parameter was analyzed for, but not detected at or above the reporting limit.

To address the NYSDEC concerns regarding the presentation and plotting of nondetected values, the data for 2001 to 2004 has been reevaluated and interpreted as follows:

1) Nondetected concentrations have been represented as ND for reporting purposes.

2) Total VOCs have been recalculated and represented as the sum of the detected parameters shown on this table.

3) The method change to 8260 was approved by the NYSDEC and changed in January 2005.

| Well Id: | B-55M | | | | | | | | | | | | | |
|------------|---------------|--------|-----------------------------------|----------------------|---------------------------------------|--------------------------------------|---------------------------------|---|---|--|--------------------------------|----------------------------------|-----------------------------|-----------------|
| Date | Lab Sample Id | Method | Carbon tetrachloride (ug/L) | Chloroform (ug/L) | 1,1- Dichloro- ethane (ug/L) | 1,1- Dichloro ethene (ug/L) | Methylene chloride (ug/L) | Trans-1,2- dichloro- ethene (ug/L) | Cis-1,2- dichloro- ethene (ug/L) | 1,1,1- Trichloro- ethane (ug/L) | Trichloro- ethene (ug/L) | Tetrachloro- ethene (ug/L) | Vinyl chloride (ug/L) | Total (ug/L) |
| 01/22/2001 | A1063402 | 8021 | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| 04/18/2001 | A1361302 | 624 | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| 07/16/2001 | A1674103 | 8021 | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| 10/11/2001 | A1994707 | 8021 | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| 01/15/2002 | A2039407 | 8021 | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| 04/09/2002 | A2332607 | 8260 | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| 07/09/2002 | A2695512 | 8021 | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| 10/03/2002 | A2980605 | 8021 | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| 01/14/2003 | A3043002 | 8021 | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| 04/08/2003 | A3320706 | 8021 | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| 07/08/2003 | A3649206 | 8021 | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| 10/10/2003 | A3983804 | 8021 | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| 04/13/2004 | A4331510 | 8021 | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| 06/30/2004 | A4619403 | 8021 | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| 10/22/2004 | A4A47801 | 8021 | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| 01/17/2005 | A5043902 | 8260 | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| 04/06/2005 | A5317603 | 8260 | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| 07/07/2005 | A5706802 | 8260 | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| 07/19/2006 | 6G20004-09 | 8260B | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| 07/12/2007 | 7G13019-05 | 8260B | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| 07/22/2008 | 5422163 | 8260B | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |

ND - Not detected, indicates parameter was analyzed for, but not detected at or above the reporting limit.

To address the NYSDEC concerns regarding the presentation and plotting of nondetected values, the data for 2001 to 2004 has been reevaluated and interpreted as follows:

1) Nondetected concentrations have been represented as ND for reporting purposes.

2) Total VOCs have been recalculated and represented as the sum of the detected parameters shown on this table.

3) The method change to 8260 was approved by the NYSDEC and changed in January 2005.

| Well Id: | B-56M | | | | | | | | | | | | | |
|------------|---------------|----------|-----------------------------------|----------------------|---------------------------------------|--------------------------------------|---------------------------------|---|---|--|--------------------------------|----------------------------------|-----------------------------|-----------------|
| Date | Lab Sample Id | Method | Carbon tetrachloride (ug/L) | Chloroform (ug/L) | 1,1- Dichloro- ethane (ug/L) | 1,1- Dichloro ethene (ug/L) | Methylene chloride (ug/L) | Trans-1,2- dichloro- ethene (ug/L) | Cis-1,2- dichloro- ethene (ug/L) | 1,1,1- Trichloro- ethane (ug/L) | Trichloro- ethene (ug/L) | Tetrachloro- ethene (ug/L) | Vinyl chloride (ug/L) | Total (ug/L) |
| 01/17/2001 | A1052409 | 8021 | ND | 1 | 0.48 J | ND | 0.56 J | 2.7 | 71 | ND | 28 | ND | 2.4 | 106.14 |
| 04/16/2001 | A1345803 | 624 | ND | ND | ND | ND | ND | ND | 18 | ND | 27 | ND | ND | 45 |
| 07/16/2001 | A1674111 | 8021 | ND | 2.1 | 0.51 J | ND | 1 J | 2 | 95 | ND | 46 | ND | ND | 146.61 |
| 10/11/2001 | A1994710 | 8021 | ND | ND | ND | ND | ND | 0.74 J | 43 | ND | 31 D | ND | ND | 74.74 |
| 01/24/2002 | A2076708 | 8021 | ND | 2.3 | ND | ND | 2.5 | ND | 63 | ND | 280 | ND | ND | 347.8 |
| 04/15/2002 | A2370203 | 8021 | ND | ND | ND | ND | ND | ND | 9.8 | ND | 44 | ND | ND | 53.8 |
| 07/16/2002 | A2722905 | 8021 | ND | ND | ND | ND | 3 | ND | 16 | ND | 74 | ND | ND | 93 |
| 10/09/2002 | A2A07502 | 8021 | ND | ND | ND | ND | ND | ND | 9.5 | ND | 39 | ND | ND | 48.5 |
| 01/23/2003 | A3075202 | 8021 | ND | ND | ND | ND | ND | ND | 86 | 6.6 | 150 | ND | ND | 242.6 |
| 04/15/2003 | A3356603 | 8021 | ND | ND | ND | ND | 86 | 1.4 | 29 | 1 | 80 | ND | ND | 197.4 |
| 07/21/2003 | A3699403 | 8021 | ND | ND | ND | ND | ND | ND | 29 | ND | 71 | ND | ND | 100 |
| 10/21/2003 | A3A21901 | 8021 | ND | ND | ND | ND | 2.3 J | ND | 48 | ND | 110 | ND | ND | 160.3 |
| 01/28/2004 | A4077601 | 8021 | ND | ND | ND | ND | ND | 1.7 | 52 | ND | 200 | ND | ND | 253.7 |
| 04/21/2004 | A4356601 | 8021 | ND | ND | ND | ND | 1.8 J | ND | 16 | ND | 68 | ND | ND | 85.8 |
| 07/21/2004 | A4687102 | 8260 | ND | ND | ND | ND | 5.1 | ND | 19 | ND | 110 | ND | ND | 134.1 |
| 10/20/2004 | A4A32302 | 8021 | ND | ND | ND | ND | ND | ND | 16 | ND | 84 | ND | ND | 100 |
| 01/13/2005 | A5036107 | 8260 | ND | ND | ND | ND | ND | 1.1 | 22 | 0.64 J | 160 E | ND | ND | 183.74 |
| 01/13/2005 | A5036107DL | 8260 | | | | | | | 17 D | | 110 D | | | 127 |
| 04/22/2005 | A5402001 | 8260 | ND | ND | ND | ND | ND | 0.7 J | 9.9 | ND | 63 | ND | ND | 73.6 |
| 07/19/2005 | A5762301 | 8260/5ML | ND | ND | ND | ND | ND | 0.95 J | 14 | ND | 78 | ND | ND | 92.95 |
| 10/20/2005 | A5B91901 | 8260 | ND | ND | ND | ND | ND | 1.5 | 20 | 0.56 J | 100 E | ND | 0.63 J | 122.69 |
| 10/20/2005 | A5B91901DL | 8260 | ND | ND | ND | ND | 3 BD | ND | 19 D | ND | 82 D | ND | ND | 104 |
| 01/23/2006 | A6084703 | 8260 | ND | ND | ND | ND | ND | 1 | 17 | ND | 100 E | ND | ND | 118 |
| 01/23/2006 | A6084703DL | 8260 | ND | 3.4 D | ND | ND | 1.2 DJ | 0.97 DJ | 16 D | ND | 94 D | ND | ND | 115.57 |
| 04/12/2006 | 6D13005-07 | 8260B | ND | ND | ND | ND | ND | ND | 7 | ND | 40 | ND | ND | 47 |
| 07/19/2006 | 6G20004-05 | 8260B | ND | ND | ND | ND | ND | ND | 13 | ND | 74 | ND | ND | 87 |
| 10/10/2006 | 6J11002-04 | 8260B | ND | ND | ND | ND | ND | ND | 9 | ND | 35 | ND | ND | 44 |
| 01/08/2007 | 7A09003-03 | 8260B | ND | ND | ND | ND | ND | ND | 3 | ND | 13 | ND | ND | 16 |
| 04/04/2007 | 7D05011-03 | 8260B | ND | ND | ND | ND | ND | ND | 1 | ND | 8 | ND | ND | 9 |
| 07/11/2007 | 7G12003-04 | 8260B | ND | ND | ND | ND | ND | ND | 3 | ND | 16 | ND | ND | 19 |
| 10/10/2007 | 7J11002-06 | 8260B | ND | ND | ND | ND | 2 B | ND | 6 | ND | 27 | ND | ND | 35 |
| 01/08/2008 | 8A09005-07 | 8260B | ND | ND | 1 | ND | 4 | ND | 23 | 2 | 60 | ND | ND | 90 |
| 04/07/2008 | 8D08002-04 | 8260B | ND | ND | ND | ND | ND | ND | 6 | ND | 20 | ND | ND | 26 |
| 07/28/2008 | 5426818 | 8260B | ND | ND | ND | ND | ND | ND | 6.9 | ND | 19 | ND | ND | 25.9 |
| 10/17/2008 | 5502675 | 8260B | ND | ND | 2 J | ND | ND | 1.4 J | 41 | 2 J | 110 | ND | 1.2 J | 157.6 |
| 01/13/2009 | 5576512 | 8260B | ND | ND | 1 J | ND | ND | ND | 23 | 1.3 J | 73 | ND | ND | 98.3 |
| 04/13/2009 | 5647712 | 8260B | ND | ND | ND | ND | ND | ND | 17 | ND | 64 | ND | ND | 81 |

ND - Not detected, indicates parameter was analyzed for, but not detected at or above the reporting limit.

To address the NYSDEC concerns regarding the presentation and plotting of nondetected values, the data for 2001 to 2004 has been reevaluated and interpreted as follows:

1) Nondetected concentrations have been represented as ND for reporting purposes.

2) Total VOCs have been recalculated and represented as the sum of the detected parameters shown on this table.

3) The method change to 8260 was approved by the NYSDEC and changed in January 2005.

| Well Id: | B-57M | | | | | | | | | | | | | |
|------------|---------------|----------|-----------------------------------|----------------------|---------------------------------------|--------------------------------------|---------------------------------|---|---|--|--------------------------------|----------------------------------|-----------------------------|-----------------|
| Date | Lab Sample Id | Method | Carbon tetrachloride (ug/L) | Chloroform (ug/L) | 1,1- Dichloro- ethane (ug/L) | 1,1- Dichloro ethene (ug/L) | Methylene chloride (ug/L) | Trans-1,2- dichloro- ethene (ug/L) | Cis-1,2- dichloro- ethene (ug/L) | 1,1,1- Trichloro- ethane (ug/L) | Trichloro- ethene (ug/L) | Tetrachloro- ethene (ug/L) | Vinyl chloride (ug/L) | Total (ug/L) |
| 01/18/2001 | A1052407 | 8021 | ND | ND | ND | ND | ND | ND | 3.2 | ND | 1.5 | ND | ND | 4.7 |
| 04/16/2001 | A1345802 | 624 | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| 07/16/2001 | A1674108 | 8021 | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| 10/11/2001 | A1994709 | 8021 | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| 01/18/2002 | A2058507 | 8021 | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| 04/10/2002 | A2347903 | 8260 | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| 07/11/2002 | A2708309 | 8021 | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| 10/04/2002 | A2986404 | 8021 | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| 01/16/2003 | A3056003 | 8021 | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| 04/07/2003 | A3320703 | 8021 | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| 07/08/2003 | A3649203 | 8021 | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| 10/09/2003 | A3978811 | 8021 | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| 04/20/2004 | A4356901 | 8021 | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| 07/13/2004 | A4664210 | 8021 | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| 10/25/2004 | A4A54102 | 8021 | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| 01/13/2005 | A5036403 | 8260 | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| 04/06/2005 | A5317604 | 8260 | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| 07/12/2005 | A5733101 | 8260/5ML | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| 10/05/2005 | A5B10501 | 8260 | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| 01/23/2006 | A6084704 | 8260 | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| 04/12/2006 | 6D13005-08 | 8260B | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| 07/19/2006 | 6G20004-01 | 8260B | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| 10/10/2006 | 6J11002-05 | 8260B | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| 01/08/2007 | 7A09003-04 | 8260B | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| 04/04/2007 | 7D05011-04 | 8260B | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| 07/11/2007 | 7G12003-05 | 8260B | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| 10/10/2007 | 7J11002-04 | 8260B | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| 01/08/2008 | 8A09005-08 | 8260B | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| 04/07/2008 | 8D08002-03 | 8260B | ND | ND | ND | ND | 3 B | ND | ND | ND | ND | ND | ND | 3 |
| 07/28/2008 | 5426820 | 8260B | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| 10/17/2008 | 5502678 | 8260B | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| 01/13/2009 | 5576515 | 8260B | ND | ND | ND | ND | ND | ND | ND | ND | 1.6 J | ND | ND | 1.6 |
| 04/13/2009 | 5647716 | 8260B | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |

ND - Not detected, indicates parameter was analyzed for, but not detected at or above the reporting limit.

To address the NYSDEC concerns regarding the presentation and plotting of nondetected values, the data for 2001 to 2004 has been reevaluated and interpreted as follows:

1) Nondetected concentrations have been represented as ND for reporting purposes.

2) Total VOCs have been recalculated and represented as the sum 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-58M | | | | | | | | | | | | | |
|------------|---------------|----------|-----------------------------------|----------------------|---------------------------------------|--------------------------------------|---------------------------------|---|---|--|--------------------------------|----------------------------------|-----------------------------|-----------------|
| Date | Lab Sample Id | Method | Carbon tetrachloride (ug/L) | Chloroform (ug/L) | 1,1- Dichloro- ethane (ug/L) | 1,1- Dichloro ethene (ug/L) | Methylene chloride (ug/L) | Trans-1,2- dichloro- ethene (ug/L) | Cis-1,2- dichloro- ethene (ug/L) | 1,1,1- Trichloro- ethane (ug/L) | Trichloro- ethene (ug/L) | Tetrachloro- ethene (ug/L) | Vinyl chloride (ug/L) | Total (ug/L) |
| 01/17/2001 | A1052408 | 8021 | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| 04/16/2001 | A1345801 | 624 | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| 07/16/2001 | A1674110 | 8021 | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| 10/12/2001 | A1A01002 | 8021 | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| 01/18/2002 | A2058508 | 8021 | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| 04/10/2002 | A2347904 | 8260 | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| 07/11/2002 | A2708310 | 8021 | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| 10/04/2002 | A2986405 | 8021 | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| 01/16/2003 | A3056004 | 8021 | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| 04/07/2003 | A3320704 | 8021 | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| 07/08/2003 | A3649204 | 8021 | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| 10/09/2003 | A3978813 | 8021 | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| 04/20/2004 | A4356902 | 8021 | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| 07/13/2004 | A4664211 | 8021 | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| 10/25/2004 | A4A54103 | 8021 | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| 01/13/2005 | A5036404 | 8260 | ND | ND | ND | ND | ND | ND | ND | ND | 1.5 | ND | ND | 1.5 |
| 04/06/2005 | A5317605 | 8260 | ND | ND | ND | ND | ND | ND | ND | ND | 0.69 J | ND | ND | 0.69 |
| 07/12/2005 | A5733102 | 8260/5ML | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| 07/19/2006 | 6G20004-02 | 8260B | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| 07/11/2007 | 7G12003-06 | 8260B | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| 07/28/2008 | 5426822 | 8260B | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |

ND - Not detected, indicates parameter was analyzed for, but not detected at or above the reporting limit.

To address the NYSDEC concerns regarding the presentation and plotting of nondetected values, the data for 2001 to 2004 has been reevaluated and interpreted as follows:

1) Nondetected concentrations have been represented as ND for reporting purposes.

2) Total VOCs have been recalculated and represented as the sum of the detected parameters shown on this table.

3) The method change to 8260 was approved by the NYSDEC and changed in January 2005.

| Well Id: | B-59M | | | | | | | | | | | | | |
|------------|---------------|----------|-----------------------------------|----------------------|---------------------------------------|--------------------------------------|---------------------------------|---|---|--|--------------------------------|----------------------------------|-----------------------------|-----------------|
| Date | Lab Sample Id | Method | Carbon tetrachloride (ug/L) | Chloroform (ug/L) | 1,1- Dichloro- ethane (ug/L) | 1,1- Dichloro ethene (ug/L) | Methylene chloride (ug/L) | Trans-1,2- dichloro- ethene (ug/L) | Cis-1,2- dichloro- ethene (ug/L) | 1,1,1- Trichloro- ethane (ug/L) | Trichloro- ethene (ug/L) | Tetrachloro- ethene (ug/L) | Vinyl chloride (ug/L) | Total (ug/L) |
| 07/17/2002 | A2732710 | 8021 | ND | ND | ND | ND | ND | ND | ND | ND | 2.5 | ND | ND | 2.5 |
| 08/05/2002 | A2793604 | 8021 | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| 10/07/2002 | A2999201 | 8021 | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| 01/16/2003 | A3056008 | 8021 | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| 04/17/2003 | A3361701 | 8021 | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| 07/14/2003 | A3670605 | 8021 | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| 10/14/2003 | A3998703 | 8021 | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| 01/07/2004 | A4012312 | 8021 | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| 04/22/2004 | A4372901 | 8021 | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| 07/14/2004 | A4664202 | 8021 | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| 10/15/2004 | A4A20702 | 8021 | ND | ND | ND | ND | ND | ND | ND | ND | 0.79 J | ND | ND | 0.79 |
| 01/19/2005 | A5050901 | 8260 | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| 04/25/2005 | A5408101 | 8260 | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| 07/20/2005 | A5762204 | 8260/5ML | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| 07/19/2006 | 6G20004-14RE1 | 8260B | ND | ND | ND | ND | 4 | ND | 3 | ND | 3 | ND | ND | 10 |
| 07/17/2007 | 7G18027-09 | 8260B | ND | ND | ND | ND | ND | 1 | 4 | ND | 3 | ND | ND | 8 |
| 07/21/2008 | 5420892 | 8260B | ND | ND | ND | ND | ND | 0.8 J | 1.1 J | ND | ND | ND | ND | 1.9 |

ND - Not detected, indicates parameter was analyzed for, but not detected at or above the reporting limit.

To address the NYSDEC concerns regarding the presentation and plotting of nondetected values, the data for 2001 to 2004 has been reevaluated and interpreted as follows:

1) Nondetected concentrations have been represented as ND for reporting purposes.

2) Total VOCs have been recalculated and represented as the sum of the detected parameters shown on this table.

3) The method change to 8260 was approved by the NYSDEC and changed in January 2005.

| Well Id: | B-60M | | | | | | | | | | | | | |
|------------|---------------|----------|-----------------------------------|----------------------|---------------------------------------|--------------------------------------|---------------------------------|---|---|--|--------------------------------|----------------------------------|-----------------------------|-----------------|
| Date | Lab Sample Id | Method | Carbon tetrachloride (ug/L) | Chloroform (ug/L) | 1,1- Dichloro- ethane (ug/L) | 1,1- Dichloro ethene (ug/L) | Methylene chloride (ug/L) | Trans-1,2- dichloro- ethene (ug/L) | Cis-1,2- dichloro- ethene (ug/L) | 1,1,1- Trichloro- ethane (ug/L) | Trichloro- ethene (ug/L) | Tetrachloro- ethene (ug/L) | Vinyl chloride (ug/L) | Total (ug/L) |
| 07/17/2002 | A2732708 | 8021 | ND | ND | ND | ND | ND | ND | ND | ND | 3.8 | ND | ND | 3.8 |
| 08/05/2002 | A2793610 | 8021 | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| 10/04/2002 | A2986402 | 8021 | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| 01/16/2003 | A3056006 | 8021 | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| 04/17/2003 | A3361702 | 8021 | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| 07/14/2003 | A3670604 | 8021 | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| 10/14/2003 | A3998702 | 8021 | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| 01/08/2004 | A4026302 | 8021 | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| 04/22/2004 | A4372903 | 8021 | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| 07/14/2004 | A4664205 | 8021 | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| 10/20/2004 | A4A32103 | 8021 | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| 01/19/2005 | A5050902 | 8260 | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| 04/22/2005 | A5402103 | 8260 | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| 07/20/2005 | A5762205 | 8260/5ML | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| 07/19/2006 | 6G20004-10 | 8260B | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| 07/17/2007 | 7G18027-06 | 8260B | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| 07/21/2008 | 5420895 | 8260B | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |

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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-61M | | | | 4.4 | 4.4 | | Trans 1.2 | Cin 4.2 | 444 | | | | |
|------------|---------------|----------|-----------------------------------|----------------------|---------------------------------------|--------------------------------------|---------------------------------|---|---|--|--------------------------------|----------------------------------|-----------------------------|-----------------|
| Date | Lab Sample Id | Method | Carbon tetrachloride (ug/L) | Chloroform (ug/L) | 1,1- Dichloro- ethane (ug/L) | 1,1- Dichloro ethene (ug/L) | Methylene chloride (ug/L) | Trans-1,2- dichloro- ethene (ug/L) | Cis-1,2- dichloro- ethene (ug/L) | 1,1,1- Trichloro- ethane (ug/L) | Trichloro- ethene (ug/L) | Tetrachloro- ethene (ug/L) | Vinyl chloride (ug/L) | Total (ug/L) |
| 07/18/2002 | A2732705 | 8021 | ND | 5 | ND | ND | ND | ND | 4.8 | ND | 26 | ND | ND | 35.8 |
| 08/05/2002 | A2793611 | 8021 | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| 10/03/2002 | A2980612 | 8021 | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| 01/16/2003 | A3056007 | 8021 | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| 04/14/2003 | A3347501 | 8021 | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| 07/14/2003 | A3670603 | 8021 | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| 10/14/2003 | A3998701 | 8021 | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| 01/08/2004 | A4026301 | 8021 | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| 04/22/2004 | A4372902 | 8021 | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| 07/14/2004 | A4664206 | 8021 | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| 10/20/2004 | A4A32104 | 8021 | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| 01/19/2005 | A5050903 | 8260 | ND | ND | ND | ND | ND | ND | ND | ND | 0.3 J | ND | ND | 0.3 |
| 04/25/2005 | A5408102 | 8260 | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| 07/20/2005 | A5762206 | 8260/5ML | . ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| 07/19/2006 | 6G20004-11 | 8260B | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| 07/17/2007 | 7G18027-07 | 8260B | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| 07/21/2008 | 5420896 | 8260B | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |

ND - Not detected, indicates parameter was analyzed for, but not detected at or above the reporting limit.

To address the NYSDEC concerns regarding the presentation and plotting of nondetected values, the data for 2001 to 2004 has been reevaluated and interpreted as follows:

1) Nondetected concentrations have been represented as ND for reporting purposes.

2) Total VOCs have been recalculated and represented as the sum of the detected parameters shown on this table.

3) The method change to 8260 was approved by the NYSDEC and changed in January 2005.

| | Well Id: | B-62M | | | | | | | | | | | | | |
|---|------------|---------------|----------|-----------------------------------|----------------------|---------------------------------------|--------------------------------------|---------------------------------|---|---|--|--------------------------------|----------------------------------|-----------------------------|-----------------|
| | Date | Lab Sample Id | Method | Carbon tetrachloride (ug/L) | Chloroform (ug/L) | 1,1- Dichloro- ethane (ug/L) | 1,1- Dichloro ethene (ug/L) | Methylene chloride (ug/L) | Trans-1,2- dichloro- ethene (ug/L) | Cis-1,2- dichloro- ethene (ug/L) | 1,1,1- Trichloro- ethane (ug/L) | Trichloro- ethene (ug/L) | Tetrachloro- ethene (ug/L) | Vinyl chloride (ug/L) | Total (ug/L) |
| _ | 07/17/2002 | A2732712 | 8021 | ND | ND | ND | ND | ND | ND | 2.2 | ND | 7.4 | ND | ND | 9.6 |
| | 08/05/2002 | A2793609 | 8021 | ND | ND | ND | ND | ND | ND | 0.86 J | ND | 3.1 | ND | ND | 3.96 |
| | 10/04/2002 | A2986403 | 8021 | ND | ND | ND | ND | ND | ND | ND | ND | 1.2 | ND | ND | 1.2 |
| | 01/17/2003 | A3056009 | 8021 | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| | 04/03/2003 | A3315007 | 8021 | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| | 07/08/2003 | A3649202 | 8021 | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| | 10/08/2003 | A3978808 | 8021 | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| | 01/07/2004 | A4012309 | 8021 | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| | 04/15/2004 | A4337501 | 8021 | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| | 06/29/2004 | A4614509 | 8021 | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| | 10/27/2004 | A4A60303 | 8021 | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| | 04/04/2005 | A5307806 | 8260 | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| | 07/12/2005 | A5725406 | 8260/5ML | . ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| | 07/21/2006 | 6G21018-03 | 8260B | ND | ND | ND | ND | 4 | ND | ND | ND | ND | ND | ND | 4 |
| | 07/17/2007 | 7G18027-03 | 8260B | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| | 07/17/2008 | 5418423 | 8260B | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| | | | | | | | | | | | | | | | |

ND - Not detected, indicates parameter was analyzed for, but not detected at or above the reporting limit.

To address the NYSDEC concerns regarding the presentation and plotting of nondetected values, the data for 2001 to 2004 has been reevaluated and interpreted as follows:

1) Nondetected concentrations have been represented as ND for reporting purposes.

2) Total VOCs have been recalculated and represented as the sum of the detected parameters shown on this table.

3) The method change to 8260 was approved by the NYSDEC and changed in January 2005.

| Well Id: | B-63M | | | | | | | | | | | | | |
|------------|---------------|----------|-----------------------------------|----------------------|---------------------------------------|--------------------------------------|---------------------------------|---|---|--|--------------------------------|----------------------------------|-----------------------------|-----------------|
| Date | Lab Sample Id | Method | Carbon tetrachloride (ug/L) | Chloroform (ug/L) | 1,1- Dichloro- ethane (ug/L) | 1,1- Dichloro ethene (ug/L) | Methylene chloride (ug/L) | Trans-1,2- dichloro- ethene (ug/L) | Cis-1,2- dichloro- ethene (ug/L) | 1,1,1- Trichloro- ethane (ug/L) | Trichloro- ethene (ug/L) | Tetrachloro- ethene (ug/L) | Vinyl chloride (ug/L) | Total (ug/L) |
| 07/17/2002 | A2732709 | 8021 | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| 08/05/2002 | A2793605 | 8021 | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| 01/13/2003 | A3038006 | 8021 | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| 04/03/2003 | A3315004 | 8021 | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| 07/08/2003 | A3649201 | 8021 | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| 10/08/2003 | A3978807 | 8021 | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| 01/07/2004 | A4012305 | 8021 | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| 04/15/2004 | A4337502 | 8021 | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| 06/28/2004 | A4614504 | 8021 | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| 10/20/2004 | A4A32106 | 8021 | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| 01/19/2005 | A5050904 | 8260 | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| 04/04/2005 | A5307805 | 8260 | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| 07/12/2005 | A5725405 | 8260/5ML | . ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| 07/19/2006 | 6G20004-13 | 8260B | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| 07/18/2007 | 7G19011-08 | 8260B | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| 07/17/2008 | 5418424 | 8260B | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |

ND - Not detected, indicates parameter was analyzed for, but not detected at or above the reporting limit.

To address the NYSDEC concerns regarding the presentation and plotting of nondetected values, the data for 2001 to 2004 has been reevaluated and interpreted as follows:

1) Nondetected concentrations have been represented as ND for reporting purposes.

2) Total VOCs have been recalculated and represented as the sum of the detected parameters shown on this table.

3) The method change to 8260 was approved by the NYSDEC and changed in January 2005.

| Well Id: | B-64M | | | | | | | | | | | | | |
|------------|---------------|----------|-----------------------------------|----------------------|---------------------------------------|--------------------------------------|---------------------------------|---|---|--|--------------------------------|----------------------------------|-----------------------------|-----------------|
| Date | Lab Sample Id | Method | Carbon tetrachloride (ug/L) | Chloroform (ug/L) | 1,1- Dichloro- ethane (ug/L) | 1,1- Dichloro ethene (ug/L) | Methylene chloride (ug/L) | Trans-1,2- dichloro- ethene (ug/L) | Cis-1,2- dichloro- ethene (ug/L) | 1,1,1- Trichloro- ethane (ug/L) | Trichloro- ethene (ug/L) | Tetrachloro- ethene (ug/L) | Vinyl chloride (ug/L) | Total (ug/L) |
| 07/17/2002 | A2732711 | 8021 | ND | 17 | ND | ND | ND | ND | ND | ND | 8.7 | ND | ND | 25.7 |
| 08/05/2002 | A2793606 | 8021 | ND | 9.4 | ND | ND | ND | ND | 3.7 | ND | 6.8 | ND | ND | 19.9 |
| 10/07/2002 | A2999204 | 8021 | ND | 0.9 J | ND | ND | ND | ND | 0.3 J | ND | 0.96 J | ND | ND | 2.16 |
| 01/15/2003 | A3043011 | 8021 | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| 04/03/2003 | A3315005 | 8021 | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| 07/03/2003 | A3639706 | 8021 | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| 10/08/2003 | A3978805 | 8021 | ND | ND | ND | ND | ND | ND | 1.1 | ND | ND | ND | ND | 1.1 |
| 01/07/2004 | A4012307 | 8021 | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| 04/15/2004 | A4337503 | 8021 | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| 06/28/2004 | A4614502 | 8021 | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| 10/20/2004 | A4A32107 | 8021 | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| 01/19/2005 | A5050905 | 8260 | ND | ND | ND | ND | ND | ND | ND | ND | 0.3 J | ND | ND | 0.3 |
| 04/04/2005 | A5307804 | 8260 | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| 07/12/2005 | A5725404 | 8260/5ML | . ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| 07/21/2006 | 6G21018-04 | 8260B | ND | ND | ND | ND | 5 B | ND | ND | ND | ND | ND | ND | 5 |
| 07/17/2007 | 7G18027-01 | 8260B | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| 07/17/2008 | 5418425 | 8260B | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |

ND - Not detected, indicates parameter was analyzed for, but not detected at or above the reporting limit.

To address the NYSDEC concerns regarding the presentation and plotting of nondetected values, the data for 2001 to 2004 has been reevaluated and interpreted as follows:

1) Nondetected concentrations have been represented as ND for reporting purposes.

2) Total VOCs have been recalculated and represented as the sum 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-65M | | | | | | | | | | | | | |
|------------|---------------|----------|-----------------------------------|----------------------|---------------------------------------|--------------------------------------|---------------------------------|---|---|--|--------------------------------|----------------------------------|-----------------------------|-----------------|
| Date | Lab Sample Id | Method | Carbon tetrachloride (ug/L) | Chloroform (ug/L) | 1,1- Dichloro- ethane (ug/L) | 1,1- Dichloro ethene (ug/L) | Methylene chloride (ug/L) | Trans-1,2- dichloro- ethene (ug/L) | Cis-1,2- dichloro- ethene (ug/L) | 1,1,1- Trichloro- ethane (ug/L) | Trichloro- ethene (ug/L) | Tetrachloro- ethene (ug/L) | Vinyl chloride (ug/L) | Total (ug/L) |
| 07/17/2002 | A2732713 | 8021 | ND | ND | ND | ND | ND | ND | ND | ND | 2.6 | ND | ND | 2.6 |
| 08/05/2002 | A2793607 | 8021 | ND | 0.24 J | ND | ND | ND | ND | ND | ND | 0.49 J | ND | ND | 0.73 |
| 10/07/2002 | A2999203 | 8021 | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| 01/15/2003 | A3043010 | 8021 | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| 04/03/2003 | A3315006 | 8021 | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| 07/03/2003 | A3639707 | 8021 | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| 10/08/2003 | A3978806 | 8021 | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| 01/07/2004 | A4012308 | 8021 | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| 04/15/2004 | A4337504 | 8021 | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| 06/29/2004 | A4614508 | 8021 | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| 10/27/2004 | A4A60304 | 8021 | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| 01/19/2005 | A5050906 | 8260 | ND | ND | ND | ND | ND | ND | ND | ND | 0.53 J | ND | ND | 0.53 |
| 04/04/2005 | A5307803 | 8260 | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| 07/12/2005 | A5725403 | 8260/5ML | . ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| 07/21/2006 | 6G21018-05 | 8260B | ND | ND | ND | ND | 3 B | ND | ND | ND | ND | ND | ND | 3 |
| 07/17/2007 | 7G18027-02 | 8260B | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| 07/17/2008 | 5418426 | 8260B | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |

ND - Not detected, indicates parameter was analyzed for, but not detected at or above the reporting limit.

To address the NYSDEC concerns regarding the presentation and plotting of nondetected values, the data for 2001 to 2004 has been reevaluated and interpreted as follows:

1) Nondetected concentrations have been represented as ND for reporting purposes.

2) Total VOCs have been recalculated and represented as the sum 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-66M | | | | | | | | | | | | | |
|---------------|---|---|--|---|--|---|--|--|--|---|--|---|--|
| Lab Sample Id | Method | Carbon tetrachloride (ug/L) | Chloroform (ug/L) | 1,1- Dichloro- ethane (ug/L) | 1,1- Dichloro ethene (ug/L) | Methylene chloride (ug/L) | Trans-1,2- dichloro- ethene (ug/L) | Cis-1,2- dichloro- ethene (ug/L) | 1,1,1- Trichloro- ethane (ug/L) | Trichloro- ethene (ug/L) | Tetrachloro- ethene (ug/L) | Vinyl chloride (ug/L) | Total (ug/L) |
| A2732706 | 8021 | ND | ND | ND | ND | ND | ND | ND | ND | 5.2 | ND | ND | 5.2 |
| A2793608 | 8021 | ND | 0.35 J | ND | ND | ND | ND | ND | ND | 2.6 | ND | ND | 2.95 |
| A2999202 | 8021 | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| A3043005 | 8021 | ND | ND | ND | ND | ND | ND | 0.38 J | ND | 0.24 J | ND | ND | 0.62 |
| A3320701 | 8021 | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| A3639704 | 8021 | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| A3978803 | 8021 | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| A4012311 | 8021 | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| A4337505 | 8021 | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| A4614505 | 8021 | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| A4A32108 | 8021 | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| A5050907 | 8260 | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| A5307802 | 8260 | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| A5725402 | 8260/5ML | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| 6G14009-01 | 8260B | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| 7G18027-05 | 8260B | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| 5418427 | 8260B | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| | A2732706 A2793608 A2999202 A3043005 A3320701 A3639704 A3978803 A4012311 A4337505 A4614505 A4632108 A5050907 A5307802 A5725402 6G14009-01 7G18027-05 | Lab Sample Id Method A2732706 8021 A2793608 8021 A2999202 8021 A3043005 8021 A3320701 8021 A3639704 8021 A3978803 8021 A4012311 8021 A4337505 8021 A4614505 8021 A45050907 8260 A5307802 8260 A5725402 8260/5ML 6G14009-01 8260B 7G18027-05 8260B | Lab Sample Id Method Carbon tetrachloride (ug/L) A2732706 8021 ND A2793608 8021 ND A2999202 8021 ND A3043005 8021 ND A3320701 8021 ND A3639704 8021 ND A3978803 8021 ND A4012311 8021 ND A4614505 8021 ND A4A32108 8021 ND A5050907 8260 ND A5725402 8260/5ML ND 6G14009-01 8260B ND 7G18027-05 8260B ND | Lab Sample Id Method (ug/L) Carbon (ug/L) Chloroform (ug/L) A2732706 8021 ND ND A2793608 8021 ND 0.35 J A2999202 8021 ND ND A3043005 8021 ND ND A3320701 8021 ND ND A3639704 8021 ND ND A3978803 8021 ND ND A4012311 8021 ND ND A4337505 8021 ND ND A4614505 8021 ND ND A4A32108 8021 ND ND A55050907 8260 ND ND A5725402 8260/5ML ND ND A5725402 8260/5ML ND ND 7G18027-05 8260B ND ND | Lab Sample Id Method Carbon tetrachloride (ug/L) Chloroform (ug/L) 1,1-Dichloroethane (ug/L) A2732706 8021 ND ND ND A2793608 8021 ND 0.35 J ND A2999202 8021 ND ND ND A3043005 8021 ND ND ND A3320701 8021 ND ND ND A3639704 8021 ND ND ND A3978803 8021 ND ND ND A4012311 8021 ND ND ND A4337505 8021 ND ND ND A4614505 8021 ND ND ND A4050907 8260 ND ND ND A5307802 8260 ND ND ND A5725402 8260/5ML ND ND ND A6714009-01 8260B ND ND ND | Lab Sample Id Method Carbon tetrachloride (ug/L) Chloroform (ug/L) 1,1-Dichloroethane (ug/L) 1,1-Dichloroethane (ug/L) A2732706 8021 ND ND ND ND A2793608 8021 ND 0.35 J ND ND A2999202 8021 ND ND ND ND A3043005 8021 ND ND ND ND A3320701 8021 ND ND ND ND A3639704 8021 ND ND ND ND A3978803 8021 ND ND ND ND A4012311 8021 ND ND ND ND A4337505 8021 ND ND ND ND A4614505 8021 ND ND ND ND A4050907 8260 ND ND ND ND A5307802 8260 ND ND ND ND A5725402 | Lab Sample Id Method Carbon tetrachloride (ug/L) Chloroform cethane (ug/L) 1,1-Dichloroethene chloride chloride chloride chloride (ug/L) Methylene chloride chloride chloride (ug/L) A2732706 8021 ND ND ND ND ND A2793608 8021 ND 0.35 J ND ND ND ND A2999202 8021 ND ND ND ND ND ND A3043005 8021 ND ND ND ND ND ND A3320701 8021 ND ND ND ND ND ND A3639704 8021 ND ND ND ND ND ND A4012311 8021 ND ND ND ND ND ND ND A4614505 8021 ND ND | Lab Sample Id Carbon tetrachloride (ug/L) Chloroform ethane (ug/L) 1,1- Dichloro- ethane (ug/L) 1,1- Dichloro- ethane (ug/L) Wethylene chloride (ug/L) Trans-1,2- dichloro- ethene (ug/L) A2732706 8021 ND ND ND ND ND ND ND A2793608 8021 ND 0.35 J ND ND | Lab Sample Id Method Lear Lab Carbon tetrachloride (ug/L) Chloroform (ug/L) Dichloro- ethene ethene (ug/L) Methylene chloride (ug/L) Cis-1,2-dichloro- ethene ethene (ug/L) Cis-1,2-dichloro-ethene ethene (ug/L) Cis-1,2-dichloro-ethene ethene (ug/L) Cis-1,2-dichloro-ethene ethene (ug/L) Cis-1,2-dichloro-ethene ethene (ug/L) | Lab Sample Id Carbon tetrachloride (ug/L) Chloroform (ug/L) 1,1- Dichloro- blichloro- blichloro- blichloro- blichloride (ug/L) Methylene chloride (ug/L) Cis-1,2- dichloro- chloride chloride chloride chloride chloride chloride chloride chloride (ug/L) Trans-1,2- dichloro- chloride chloride chloride chloride chloride chloride chloride chloride chloride (ug/L) Trans-1,2- dichloro- chloride (ug/L) Trans-1,2- dichloro- chloride (ug/L) Trans-1,2- dichloro- chloride (ug/L) Trans-1,2- dichloro- chloride ch | Lab Sample Id Carbon tetrachloride (ug/L) Chloroform (ug/L) 1,1- Dichloro- ethane (ug/L) Methylene chloride (ug/L) Trans-1,2 dichloro- dichlorode (light) Cis-1,2- dichloro- tethene (ug/L) 1,1- Trichloro- ethene (ug/L) Trichloro- tethene (ug/L) Trichloro- tethen | Lab Sample Id Carbon (Lab Sample Id) Carbon (Lab Id) Chloroform ethane (Lab Id) Carbon (Lab Id) Chloroform ethane (Lab Id) Carbon (Lab Id) Carbo | Lab Sample Id Carbon tetrachloride (ug/L) Carbon tetrachloride (ug/L) Chiloroform cethane (ug/L) Liphoro ethane (ug/L) Trans-1,2- dichloro- cethane (ug/L) Cis-1,2- dichloro- cethane (ug/L) Trichloro- cethane (ug/L) |

ND - Not detected, indicates parameter was analyzed for, but not detected at or above the reporting limit.

To address the NYSDEC concerns regarding the presentation and plotting of nondetected values, the data for 2001 to 2004 has been reevaluated and interpreted as follows:

1) Nondetected concentrations have been represented as ND for reporting purposes.

2) Total VOCs have been recalculated and represented as the sum 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-67M | | | | | | | | | | | | | |
|---|------------|---------------|----------|-----------------------------------|----------------------|---------------------------------------|--------------------------------------|---------------------------------|---|---|--|--------------------------------|----------------------------------|-----------------------------|-----------------|
| | Date | Lab Sample Id | Method | Carbon tetrachloride (ug/L) | Chloroform (ug/L) | 1,1- Dichloro- ethane (ug/L) | 1,1- Dichloro ethene (ug/L) | Methylene chloride (ug/L) | Trans-1,2- dichloro- ethene (ug/L) | Cis-1,2- dichloro- ethene (ug/L) | 1,1,1- Trichloro- ethane (ug/L) | Trichloro- ethene (ug/L) | Tetrachloro- ethene (ug/L) | Vinyl chloride (ug/L) | Total (ug/L) |
| _ | 07/17/2002 | A2732707 | 8021 | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| | 08/05/2002 | A2793613 | 8021 | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| | 10/04/2002 | A2986401 | 8021 | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| | 01/14/2003 | A3043006 | 8021 | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| | 04/03/2003 | A3315001 | 8021 | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| | 07/03/2003 | A3639705 | 8021 | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| | 10/08/2003 | A3978802 | 8021 | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| | 01/07/2004 | A4012310 | 8021 | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| | 04/15/2004 | A4337506 | 8021 | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| | 06/28/2004 | A4614506 | 8021 | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| | 10/20/2004 | A4A32109 | 8021 | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| | 01/19/2005 | A5050908 | 8260 | ND | ND | ND | ND | ND | ND | ND | ND | 0.35 J | ND | ND | 0.35 |
| | 04/04/2005 | A5307801 | 8260 | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| | 07/12/2005 | A5725401 | 8260/5ML | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| | 07/13/2006 | 6G14009-02 | 8260B | ND | ND | ND | ND | 3 | ND | ND | ND | ND | ND | ND | 3 |
| | 07/17/2007 | 7G18027-04 | 8260B | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| | 07/17/2008 | 5418428 | 8260B | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |

ND - Not detected, indicates parameter was analyzed for, but not detected at or above the reporting limit.

To address the NYSDEC concerns regarding the presentation and plotting of nondetected values, the data for 2001 to 2004 has been reevaluated and interpreted as follows:

1) Nondetected concentrations have been represented as ND for reporting purposes.

2) Total VOCs have been recalculated and represented as the sum 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- ethene (ug/L) | 1,1,1- Trichloro- ethane (ug/L) | Trichloro- ethene (ug/L) | Tetrachloro- ethene (ug/L) | Vinyl chloride (ug/L) | Total (ug/L) |
| 04 | 1/25/2001 | A1382102 | 8021 | ND | ND | ND | ND | ND | ND | 2300 | ND | 14000 D | ND | 56 | 16356 |
| 07 | 7/12/2001 | 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 | 1/19/2002 | A2384301 | 8021 | ND | ND | ND | ND | ND | ND | 5900 | ND | 5000 | ND | 130 | 11030 |
| 07 | 7/16/2002 | 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 | 1/10/2003 | A3335401 | 8021 | ND | ND | ND | ND | 180 | ND | 2100 | ND | 2400 | ND | 190 | 4870 |
| 07 | 7/10/2003 | A3654306 | 8021 | ND | ND | ND | ND | ND | ND | 1700 | ND | 3400 | ND | 110 | 5210 |

ND - Not detected, indicates parameter was analyzed for, but not detected at or above the reporting limit.

To address the NYSDEC concerns regarding the presentation and plotting of nondetected values, the data for 2001 to 2004 has been reevaluated and interpreted as follows:

1) Nondetected concentrations have been represented as ND for reporting purposes.

2) Total VOCs have been recalculated and represented as the sum of the detected parameters shown on this table.

3) The method change to 8260 was approved by the NYSDEC and changed in January 2005.

WHEATFIELD, NEW YORK

Well Id: P-2

| Date | Lab Sample Id | Method | Carbon tetrachloride (ug/L) | Chloroform (ug/L) | 1,1- Dichloro- ethane (ug/L) | 1,1- Dichloro ethene (ug/L) | Methylene chloride (ug/L) | Trans-1,2- dichloro- ethene (ug/L) | Cis-1,2- dichloro- ethene (ug/L) | 1,1,1- Trichloro- ethane (ug/L) | Trichloro- ethene (ug/L) | Tetrachloro- ethene (ug/L) | Vinyl chloride (ug/L) | Total (ug/L) |
|------------|---------------|----------|-----------------------------------|----------------------|---------------------------------------|--------------------------------------|---------------------------------|---|---|--|--------------------------------|----------------------------------|-----------------------------|-----------------|
| 01/15/2001 | A1041303 | 8021 | ND | ND | ND | ND | ND | ND | 74 | ND | 340 | ND | ND | 414 |
| 04/20/2001 | A1366406 | 624 | ND | ND | ND | ND | ND | ND | 35 | ND | 320 D | ND | ND | 355 |
| 07/13/2001 | A1663813 | 8021 | ND | ND | ND | ND | 3.9 | ND | 39 | ND | 230 | ND | ND | 272.9 |
| 09/06/2001 | A1858801 | 8021 | ND | ND | ND | ND | 110 | ND | 500 | ND | 4800 | ND | ND | 5410 |
| 10/15/2001 | A1A17406 | 8021 | ND | ND | ND | ND | 58 | ND | 150 | ND | 3900 | ND | ND | 4108 |
| 01/24/2002 | A2076711 | 8021 | ND | ND | ND | ND | 310 | ND | 740 | 560 | 8000 | ND | ND | 9610 |
| 04/19/2002 | A2384302 | 8021 | ND | ND | ND | ND | ND | ND | 600 | 190 | 15000 | ND | ND | 15790 |
| 07/16/2002 | A2722916 | 8021 | ND | ND | ND | ND | 610 | ND | 1500 | 1000 | 16000 | ND | ND | 19110 |
| 10/09/2002 | A2A07507 | 8021 | ND | ND | ND | ND | ND | ND | 540 | ND | 12000 | ND | ND | 12540 |
| 04/09/2003 | A3329402 | 8021 | ND | ND | 210 | 22 | 110 | ND | 390 | 1800 | 1200 | ND | ND | 3732 |
| 07/10/2003 | A3654303 | 8021 | ND | ND | ND | ND | ND | ND | 860 | 400 | 7700 | ND | ND | 8960 |
| 10/13/2003 | A3991301 | 8021 | ND | ND | 120 | ND | 100 | ND | 1200 | 870 | 7500 | ND | ND | 9790 |
| 01/07/2004 | A4012402 | 8021 | ND | ND | 270 | ND | ND | ND | 1000 | 1800 | 7800 | ND | 120 | 10990 |
| 04/14/2004 | A4331402 | 8021 | ND | ND | 180 | ND | ND | ND | 960 | 1800 | 9700 | ND | ND | 12640 |
| 07/07/2004 | A4636803 | 8021 | ND | ND | 220 | ND | ND | ND | 1100 | 1100 | 12000 | ND | ND | 14420 |
| 10/08/2004 | A4994502 | 8021 | ND | ND | ND | ND | ND | ND | 760 | 760 | 10000 | ND | ND | 11520 |
| 01/18/2005 | A5051103 | 8260 | ND | ND | ND | ND | ND | ND | 860 | 1400 | 12000 | ND | ND | 14260 |
| 04/04/2005 | A5307503 | 8260 | ND | 0.68 J | 170 E | 66 E | ND | 7.7 | 810 E | 1300 E | 2500 E | 1.9 | 20 | 4876.28 |
| 04/04/2005 | A5307503DL | 8260 | ND | ND | ND | ND | ND | ND | 580 D | 1300 D | 8200 D | ND | ND | 10080 |
| 07/11/2005 | A5724601 | 8260/5ML | . ND | ND | 70 | ND | ND | ND | 710 | 280 | 9200 | ND | ND | 10260 |
| 10/05/2005 | A5B10701 | 8260 | ND | ND | 180 | ND | ND | ND | 530 | 1000 | 5400 | ND | ND | 7110 |
| 01/24/2006 | A6089106 | 8260 | ND | ND | 170 | ND | ND | ND | 770 | 1200 | 8500 | ND | ND | 10640 |
| 04/12/2006 | 6D13005-04RE1 | 8260B | ND | ND | 124 | 24 | 11 | 7 | 638 | 1020 | 7800 D | ND | 18 | 9642 |
| 07/11/2006 | 6G12005-03 | 8260B | ND | ND | 102 | 14 | 22 | ND | 621 | 411 | 6850 D | ND | 13 | 8033 |
| 10/09/2006 | 6J10002-03 | 8260B | ND | ND | 146 | 23 | ND | 6 | 322 | 1130 D | 2770 D | ND | 12 | 4409 |
| 01/10/2007 | 7A11003-04 | 8260B | ND | ND | 135 | 17 | 12 | ND | 368 | 919 | 4950 D | ND | 10 | 6411 |
| 04/03/2007 | 7D04039-01 | 8260B | ND | ND | 110 | 23 | 164 | 9 | 792 | 897 | 9730 D | ND | 24 | 11749 |
| 07/05/2007 | 7G06018-04 | 8260B | ND | ND | 148 | ND | ND | ND | 10400 | 936 | 372 | ND | ND | 11856 |
| 10/10/2007 | 7J11002-01RE1 | 8260B | ND | ND | 36 | ND | ND | ND | 2190 | 50 | 3380 | ND | 80 | 5736 |
| 01/07/2008 | 8A08003-09 | 8260B | ND | ND | 86 | ND | 86 | ND | 629 | 722 | 524 | ND | ND | 2047 |
| 04/08/2008 | 8D09003-04 | 8260B | ND | ND | 102 | 15 | ND | ND | 1290 | 382 | 366 | ND | 90 | 2245 |
| 07/16/2008 | 5417447 | 8260B | ND | ND | 120 | 11 J | ND | 6 J | 2000 | 210 | 95 | ND | 390 | 2832 |
| 10/14/2008 | 5498678 | 8260B | ND | ND | 190 | 3.1 J | ND | 5 J | 1200 | 120 | 97 | ND | 21 | 1636.1 |
| 01/21/2009 | 5582428 | 8260B | ND | ND | 86 | 7.6 | ND | 5 | 920 | 100 | 280 | ND | 70 | 1468.6 |
| 04/16/2009 | 5649165 | 8260B | ND | ND | 190 | 31 | ND | 5.1 | 780 | 1100 | 260 | ND | 160 | 2526.1 |

ND - Not detected, indicates parameter was analyzed for, but not detected at or above the reporting limit.

To address the NYSDEC concerns regarding the presentation and plotting of nondetected values, the data for 2001 to 2004 has been reevaluated and interpreted as follows:

1) Nondetected concentrations have been represented as ND for reporting purposes.

2) Total VOCs have been recalculated and represented as the sum 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: P-3

| Date | Lab Sample Id | Method | Carbon tetrachloride (ug/L) | Chloroform (ug/L) | 1,1- Dichloro- ethane (ug/L) | 1,1- Dichloro ethene (ug/L) | Methylene chloride (ug/L) | Trans-1,2- dichloro- ethene (ug/L) | Cis-1,2- dichloro- ethene (ug/L) | 1,1,1- Trichloro- ethane (ug/L) | Trichloro- ethene (ug/L) | Tetrachloro- ethene (ug/L) | Vinyl chloride (ug/L) | Total (ug/L) |
|------------|---------------|----------|-----------------------------------|----------------------|---------------------------------------|--------------------------------------|---------------------------------|---|---|--|--------------------------------|----------------------------------|-----------------------------|-----------------|
| 01/15/2001 | A1041304 | 8021 | ND | ND | ND | ND | ND | ND | 2.4 | ND | 0.42 J | ND | ND | 2.82 |
| 04/20/2001 | A1366407 | 624 | ND | ND | ND | ND | ND | ND | 1.6 | ND | 1.5 | ND | ND | 3.1 |
| 07/11/2001 | A1648715 | 8021 | ND | ND | ND | ND | ND | ND | 1.2 | ND | 0.38 J | ND | ND | 1.58 |
| 10/16/2001 | A1A17404 | 8021 | ND | ND | ND | ND | ND | 5.2 | 210 | ND | 69 | ND | 3.5 | 287.7 |
| 01/21/2002 | A2066001 | 8021 | ND | ND | ND | ND | ND | 6.5 | 140 | ND | ND | ND | ND | 146.5 |
| 04/11/2002 | A2348304 | 8021 | ND | ND | ND | ND | ND | 4.9 | 170 | ND | ND | ND | 8.4 | 183.3 |
| 07/12/2002 | A2713910 | 8021 | ND | ND | ND | ND | ND | 5.8 | 120 | ND | 4 | ND | 3.5 | 133.3 |
| 10/08/2002 | A2999305 | 8021 | ND | ND | 1.1 | ND | ND | 10 | 300 | ND | 4 | ND | ND | 315.1 |
| 04/09/2003 | A3329502 | 8021 | ND | ND | ND | ND | 16 | ND | 52 | ND | ND | ND | 1.8 | 69.8 |
| 07/08/2003 | A3649104 | 8021 | ND | ND | ND | ND | 3.8 | 6 | 230 | ND | ND | ND | ND | 239.8 |
| 10/13/2003 | A3991407 | 8021 | ND | ND | ND | ND | ND | 8.2 | 230 | ND | ND | ND | ND | 238.2 |
| 01/09/2004 | A4026203 | 8021 | ND | ND | ND | ND | ND | 3.1 | 110 | ND | ND | ND | 3.1 | 116.2 |
| 04/14/2004 | A4331803 | 8021 | ND | ND | ND | ND | ND | 2.4 | 100 | ND | 4.3 | ND | ND | 106.7 |
| 07/06/2004 | A4636509 | 8021 | ND | ND | ND | 2.5 | ND | 9.2 | 260 E | ND | 3.1 | ND | 3 | 277.8 |
| 07/06/2004 | A4636509DL | 8021 | ND | ND | ND | ND | 5.4 DE | 8.8 D | 230 D | ND | ND | ND | ND | 244.2 |
| 10/08/2004 | A4994501 | 8021 | ND | ND | ND | ND | ND | ND | 200 | ND | ND | ND | ND | 200 |
| 01/12/2005 | A5036201 | 8260 | ND | ND | ND | ND | ND | 2.8 | 98 | ND | ND | ND | ND | 100.8 |
| 04/04/2005 | A5307703 | 8260 | ND | ND | ND | ND | ND | 3.2 | 110 E | ND | 0.43 J | ND | 1.9 | 115.53 |
| 04/04/2005 | A5307703DL | 8260 | ND | ND | ND | ND | ND | 2.1 D | 90 D | ND | ND | ND | ND | 92.1 |
| 07/08/2005 | A5715301 | 8260/5ML | ND | ND | ND | ND | 1.2 J | 5.7 | 140 | ND | ND | ND | ND | 146.9 |
| 10/05/2005 | A5B10603 | 8260 | ND | ND | 0.55 J | ND | ND | 6 | 110 E | ND | 0.69 J | ND | 0.98 J | 118.22 |
| 10/05/2005 | A5B10603DL | 8260 | ND | ND | ND | ND | ND | 5.9 D | 120 D | ND | ND | ND | ND | 125.9 |
| 01/24/2006 | A6089110 | 8260 | ND | ND | ND | ND | ND | 2.2 | 69 | ND | 0.52 J | ND | 1.1 J | 72.82 |
| 04/12/2006 | 6D13005-01 | 8260B | ND | ND | ND | ND | ND | 2 | 63 | ND | ND | ND | ND | 65 |
| 07/11/2006 | 6G12005-04 | 8260B | ND | ND | ND | ND | ND | 5 | 123 | ND | 1 | ND | ND | 129 |
| 10/09/2006 | 6J10002-04 | 8260B | ND | ND | ND | ND | ND | 4 | 88 | ND | 1 | ND | ND | 93 |
| 01/09/2007 | 7A10006-01 | 8260B | ND | ND | ND | ND | ND | 1 | 49 | ND | 1 | ND | ND | 51 |
| 04/03/2007 | 7D04039-02 | 8260B | ND | ND | ND | ND | 25 B | 1 | 42 | ND | ND | ND | ND | 68 |
| 07/05/2007 | 7G06018-06 | 8260B | ND | ND | ND | ND | ND | 3 | 85 | ND | ND | ND | ND | 88 |
| 10/10/2007 | 7J11002-09 | 8260B | ND | ND | ND | ND | ND | 3 | 61 | ND | ND | ND | ND | 64 |
| 01/07/2008 | 8A08003-07 | 8260B | ND | ND | ND | ND | ND | 1 | 25 | ND | ND | ND | ND | 26 |
| 04/08/2008 | 8D09003-02 | 8260B | ND | ND | ND | ND | 3 B | 2 | 67 | ND | ND | ND | ND | 72 |
| 07/16/2008 | 5417454 | 8260B | ND | ND | ND | ND | ND | 3.6 J | 92 | ND | ND | ND | ND | 95.6 |
| 10/14/2008 | 5498679 | 8260B | ND | ND | ND | ND | ND | 1.5 J | 55 | ND | ND | ND | ND | 56.5 |
| 01/21/2009 | 5582429 | 8260B | ND | ND | ND | ND | ND | 1.3 J | 33 | ND | ND | ND | 1.2 J | 35.5 |
| 04/15/2009 | 5647723 | 8260B | ND | ND | ND | ND | ND | 1.6 J | 46 | ND | ND | ND | 1.7 J | 49.3 |

ND - Not detected, indicates parameter was analyzed for, but not detected at or above the reporting limit.

To address the NYSDEC concerns regarding the presentation and plotting of nondetected values, the data for 2001 to 2004 has been reevaluated and interpreted as follows:

1) Nondetected concentrations have been represented as ND for reporting purposes.

2) Total VOCs have been recalculated and represented as the sum 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: | P-4 |
|----------|-----|
|----------|-----|

| Date | Lab Sample Id | Method | Carbon tetrachloride (ug/L) | Chloroform (ug/L) | 1,1- Dichloro- ethane (ug/L) | 1,1- Dichloro ethene (ug/L) | Methylene chloride (ug/L) | Trans-1,2- dichloro- ethene (ug/L) | Cis-1,2- dichloro- ethene (ug/L) | 1,1,1- Trichloro- ethane (ug/L) | Trichloro- ethene (ug/L) | Tetrachloro- ethene (ug/L) | Vinyl chloride (ug/L) | Total (ug/L) |
|------------|---------------|----------|-----------------------------------|----------------------|---------------------------------------|--------------------------------------|---------------------------------|---|---|--|--------------------------------|----------------------------------|-----------------------------|-----------------|
| 01/12/2001 | A1035111 | 8021 | ND | ND | ND | ND | 1.8 J | 0.66 J | 18 | ND | 26 | ND | 2.6 | 49.06 |
| 04/19/2001 | A1361311 | 624 | ND | ND | ND | ND | ND | ND | 2.9 | 0.23 | 9.6 | ND | ND | 12.73 |
| 07/11/2001 | A1648714 | 8021 | ND | ND | ND | ND | ND | 0.23 J | 18 | ND | 4.9 | ND | ND | 23.13 |
| 10/16/2001 | A1A17403 | 8021 | ND | ND | ND | ND | 1.3 J | 2 | 220 | ND | 42 | ND | ND | 265.3 |
| 01/21/2002 | A2066002 | 8021 | ND | ND | 7.7 | 5.4 | 2.4 J | 12 | 1600 D | 3.8 | 490 D | ND | 17 | 2138.3 |
| 04/11/2002 | A2348305 | 8021 | ND | ND | ND | ND | ND | ND | 1000 | ND | 940 | ND | ND | 1940 |
| 07/12/2002 | A2713911 | 8021 | ND | ND | 7.3 | ND | ND | ND | 1200 | ND | 360 | ND | ND | 1567.3 |
| 10/08/2002 | A2999306 | 8021 | ND | 15 | ND | ND | ND | ND | 480 | ND | 140 | ND | ND | 635 |
| 04/09/2003 | A3329503 | 8021 | ND | ND | ND | ND | 33 | ND | 510 | ND | 620 | ND | ND | 1163 |
| 07/08/2003 | A3649106 | 8021 | ND | ND | ND | ND | ND | ND | 710 | 15 | 1000 | ND | ND | 1725 |
| 10/13/2003 | A3991408 | 8021 | ND | ND | 23 | ND | 9.2 | 17 | 1700 | 25 | 920 | ND | ND | 2694.2 |
| 01/09/2004 | A4026204 | 8021 | ND | ND | 26 | ND | ND | 14 | 1300 | 22 | 1400 | ND | 23 | 2785 |
| 04/14/2004 | A4331804 | 8021 | ND | ND | 20 | ND | ND | 8 | 720 | 9.8 | 770 | ND | 15 | 1542.8 |
| 07/06/2004 | A4636507 | 8021 | ND | ND | 40 | ND | ND | ND | 1300 | 31 | 1400 | ND | 49 | 2820 |
| 10/08/2004 | A4994503 | 8021 | ND | ND | 31 | ND | ND | ND | 1100 | ND | 1200 | ND | 33 | 2364 |
| 01/12/2005 | A5036202 | 8260 | ND | ND | ND | ND | ND | ND | 650 | ND | 1200 | ND | 43 | 1893 |
| 04/04/2005 | A5307702 | 8260 | ND | ND | 13 | ND | ND | ND | 560 | ND | 870 | ND | 26 | 1469 |
| 07/11/2005 | A5724701 | 8260/5ML | ND | ND | 21 | 6.7 | ND | 12 | 830 | 8.2 | 880 | ND | 10 | 1767.9 |
| 10/05/2005 | A5B10604 | 8260 | ND | ND | 33 | 9.3 | ND | 16 | 1200 E | 20 | 1000 E | ND | ND | 2278.3 |
| 10/05/2005 | A5B10604DL | 8260 | ND | ND | 30 D | ND | ND | 15 D | 1200 D | 16 D | 910 D | ND | ND | 2171 |
| 01/23/2006 | A6084706 | 8260 | ND | ND | 20 | ND | ND | 11 | 850 | 13 | 1500 | ND | 32 | 2426 |
| 04/12/2006 | 6D13005-02RE1 | 8260B | ND | ND | 15 | ND | ND | 8 | 583 D | 10 | 998 | ND | 11 | 1625 |
| 07/11/2006 | 6G12005-05 | 8260B | ND | ND | 20 | 6 | 4 | 12 | 700 D | 9 | 869 D | ND | ND | 1620 |
| 10/09/2006 | 6J10002-05 | 8260B | ND | ND | 30 | 8 | ND | 16 | 1180 D | 27 | 1100 D | ND | ND | 2361 |
| 01/05/2007 | 7A05012-05 | 8260B | ND | ND | 23 | 6 | 2 B | 11 | 734 D | 20 | 2080 D | ND | 26 | 2902 |
| 04/03/2007 | 7D04039-03 | 8260B | ND | ND | 7 | 3 | ND | 7 | 394 D | 7 | 1190 D | ND | 6 | 1614 |
| 07/05/2007 | 7G06018-07 | 8260B | ND | ND | ND | ND | ND | ND | 499 | ND | 579 | ND | ND | 1078 |
| 10/09/2007 | 7J10006-04 | 8260B | ND | ND | 9 | ND | ND | 8 | 570 | ND | 636 | ND | ND | 1223 |
| 01/07/2008 | 8A08003-06 | 8260B | ND | ND | 15 | ND | 22 | 10 | 689 | 8 | 601 | ND | ND | 1345 |
| 04/08/2008 | 8D09003-06 | 8260B | ND | ND | 12 | ND | ND | 7 | 431 | 13 | 1680 D | ND | ND | 2143 |
| 07/16/2008 | 5417453 | 8260B | ND | ND | 9.6 | 3 J | ND | 7 | 470 | 6.3 | 610 | ND | ND | 1105.9 |
| 10/14/2008 | 5498682 | 8260B | ND | ND | 8 | 1.7 J | ND | 8 | 460 | 5.1 | 530 | ND | ND | 1012.8 |
| 01/14/2009 | 5577587 | 8260B | ND | ND | 24 | 7.9 | ND | 11 | 720 | 38 | 1200 | ND | 2 J | 2002.9 |
| 04/14/2009 | 5646771 | 8260B | ND | ND | 12 | 3.5 J | ND | 6.1 J | 370 | 23 | 1600 | ND | 3.9 J | 2018.5 |

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3) The method change to 8260 was approved by the NYSDEC and changed in January 2005.

WHEATFIELD, NEW YORK

| Well | ld: | PW-1 |
|------|-----|------|
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| weii 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- ethene (ug/L) | 1,1,1- Trichloro- ethane (ug/L) | Trichloro- ethene (ug/L) | Tetrachloro- ethene (ug/L) | Vinyl chloride (ug/L) | Total (ug/L) |
| 01/12/2001 | A1035112 | 8021 | ND | ND | ND | ND | 5.6 | ND | 71 | ND | 150 | ND | ND | 226.6 |
| 04/20/2001 | A1366403 | 624 | ND | ND | ND | ND | ND | 2.4 | 84 | ND | 330 D | ND | 1.9 | 418.3 |
| 07/11/2001 | A1648702 | 8021 | ND | ND | ND | ND | 2.9 | 1.3 | 83 | ND | 140 | ND | 4.7 | 231.9 |
| 09/07/2001 | A1863501 | 8021 | ND | ND | ND | ND | 38 | ND | 1500 | ND | 2500 | ND | ND | 4038 |
| 10/16/2001 | A1A17402 | 8021 | ND | ND | ND | ND | ND | ND | 2700 | ND | 40000 | ND | ND | 42700 |
| 01/23/2002 | A2076705 | 8021 | ND | ND | ND | ND | 1500 | ND | 880 | ND | 2000 | ND | ND | 4380 |
| 04/18/2002 | A2378804 | 8021 | ND | ND | ND | ND | 23 | ND | 240 | ND | 1200 | ND | ND | 1463 |
| 07/16/2002 | A2722914 | 8021 | ND | ND | ND | ND | 60 | ND | 520 | ND | 1800 | ND | ND | 2380 |
| 10/09/2002 | A2A07508 | 8021 | ND | ND | ND | ND | ND | ND | 27000 | ND | 140000 | ND | ND | 167000 |
| 01/24/2003 | A3075208 | 8021 | ND | ND | ND | ND | ND | ND | 920 | ND | 2100 | ND | 26 | 3046 |
| 04/09/2003 | A3329403 | 8021 | ND | ND | ND | ND | ND | ND | 560 | ND | 1900 | ND | ND | 2460 |
| 07/10/2003 | A3654305 | 8021 | ND | ND | ND | ND | ND | ND | 1200 | ND | 3800 | ND | ND | 5000 |
| 10/13/2003 | A3991302 | 8021 | ND | ND | ND | ND | ND | ND | 1200 | ND | 3600 | ND | ND | 4800 |
| 01/09/2004 | A4026101 | 8021 | ND | ND | ND | ND | ND | 18 | 380 | ND | 1300 | ND | 25 | 1723 |
| 04/14/2004 | A4331403 | 8021 | ND | ND | ND | ND | ND | ND | 1400 | ND | 4500 | ND | ND | 5900 |
| 07/06/2004 | A4636805 | 8021 | ND | ND | ND | ND | ND | ND | 540 | ND | 1600 | ND | 43 | 2183 |
| 10/07/2004 | A4994204 | 8021 | ND | ND | ND | ND | ND | ND | 170 | ND | 130 | ND | ND | 300 |
| 01/12/2005 | A5036101 | 8260 | ND | ND | 6.9 | 4.5 | ND | 6.1 | 900 E | 5.5 | 2700 E | ND | ND | 3623 |
| 01/12/2005 | A5036101DL | 8260 | | | | | | | 600 D | | 2400 D | | | 3000 |
| 04/04/2005 | A5307501 | 8260 | ND | ND | 1.2 | 0.61 J | ND | 1.9 | 190 E | 0.71 J | 650 E | 2 | 6.8 | 853.22 |
| 04/04/2005 | A5307501DL | 8260 | ND | ND | ND | ND | ND | ND | 350 D | ND | 1500 BD | ND | ND | 1850 |
| 07/11/2005 | A5724602 | 8260/5ML | . ND | ND | 5.3 | ND | ND | ND | 410 | ND | 1100 E | ND | 18 | 1533.3 |
| 07/11/2005 | A5724602DL | 8260/5ML | . ND | ND | ND | ND | ND | ND | 320 D | ND | 870 D | ND | 15 D | 1205 |
| 10/05/2005 | A5B10702 | 8260 | ND | ND | ND | ND | ND | ND | 390 | 11 | 1300 | ND | 13 | 1714 |
| 01/26/2006 | A6102404 | 8260 | ND | ND | 2.3 | 0.69 J | ND | 1.9 | 160 E | 2.5 | 700 E | ND | 2.4 | 869.79 |
| 01/26/2006 | A6102404DL | 8260 | ND | ND | ND | ND | ND | ND | 200 D | ND | 900 D | ND | 7.5 D | 1107.5 |
| 04/13/2006 | 6D14002-07RE1 | 8260B | ND | ND | 2 | ND | ND | 2 | 146 | ND | 636 D | ND | 6 | 792 |
| 07/11/2006 | 6G12005-01 | 8260B | ND | ND | 2 | ND | 4 | 2 | 143 | 2 | 449 D | ND | ND | 602 |
| 10/09/2006 | 6J10002-02 | 8260B | ND | ND | ND | ND | ND | 2 | 114 | ND | 871 D | ND | 3 | 990 |
| 01/09/2007 | 7A10006-02 | 8260B | ND | ND | 3 | ND | ND | 2 | 185 | 3 | 638 D | ND | 7 | 838 |
| 04/03/2007 | 7D04039-04 | 8260B | ND | ND | 6 | 2 | ND | 3 | 302 D | 6 | 1040 D | ND | 20 | 1379 |
| 07/05/2007 | 7G06018-05RE1 | 8260B | ND | ND | ND | ND | ND | ND | 68 | ND | 235 | ND | 6 | 309 |
| 10/09/2007 | 7J10006-07 | 8260B | ND | ND | 4 | ND | ND | 3 | 304 | ND | 1090 D | ND | 13 | 1414 |
| 01/07/2008 | 8A08003-08 | 8260B | ND | ND | ND | ND | 31 | ND | 84 | ND | 463 | ND | ND | 578 |
| 04/08/2008 | 8D09003-03 | 8260B | ND | ND | 12 | ND | 16 B | ND | 455 | 7 | 1690 D | ND | 31 | 2211 |
| 07/21/2008 | 5420903 | 8260B | ND | ND | 1.3 J | ND | ND | 1.6 J | 120 | ND | 1500 | ND | 7.5 | 1630.4 |
| 10/14/2008 | 5498687 | 8260B | ND | ND | 110 J | 54 J | ND | 60 J | 10000 | ND | 41000 | ND | 180 J | 51404 |
| | | | | | | | | | | | | | | |

ND - Not detected, indicates parameter was analyzed for, but not detected at or above the reporting limit.

To address the NYSDEC concerns regarding the presentation and plotting of nondetected values, the data for 2001 to 2004 has been reevaluated and interpreted as follows:

1) Nondetected concentrations have been represented as ND for reporting purposes.

2) Total VOCs have been recalculated and represented as the sum 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: PW-1

| | Date | Lab Sample Id | Method | Carbon tetrachloride (ug/L) | Chloroform (ug/L) | 1,1- Dichloro- ethane (ug/L) | 1,1- Dichloro ethene (ug/L) | Methylene chloride (ug/L) | Trans-1,2- dichloro- ethene (ug/L) | Cis-1,2- dichloro- ethene (ug/L) | 1,1,1- Trichloro- ethane (ug/L) | Trichloro- ethene (ug/L) | Tetrachloro- ethene (ug/L) | Vinyl chloride (ug/L) | Total (ug/L) |
|---|------------|---------------|--------|-----------------------------------|----------------------|---------------------------------------|--------------------------------------|---------------------------------|---|---|--|--------------------------------|----------------------------------|-----------------------------|-----------------|
| _ | 01/13/2009 | 5576508 | 8260B | ND | ND | 18 | 5 | ND | 5.6 | 570 | 17 | 2100 | ND | 30 | 2745.6 |
| | 04/15/2009 | 5647722 | 8260B | ND | ND | 11 | 2.8 J | ND | 3.6 J | 400 | 11 | 1300 | ND | 19 | 1747.4 |

ND - Not detected, indicates parameter was analyzed for, but not detected at or above the reporting limit.

To address the NYSDEC concerns regarding the presentation and plotting of nondetected values, the data for 2001 to 2004 has been reevaluated and interpreted as follows:

1) Nondetected concentrations have been represented as ND for reporting purposes.

2) Total VOCs have been recalculated and represented as the sum 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-2 |
|-------|-----|--------|
| MAGII | ıu. | F VV-Z |

| Date | Lab Sample Id | Method | Carbon tetrachloride (ug/L) | Chloroform (ug/L) | 1,1- Dichloro- ethane (ug/L) | 1,1- Dichloro ethene (ug/L) | Methylene chloride (ug/L) | Trans-1,2- dichloro- ethene (ug/L) | Cis-1,2- dichloro- ethene (ug/L) | 1,1,1- Trichloro- ethane (ug/L) | Trichloro- ethene (ug/L) | Tetrachloro- ethene (ug/L) | Vinyl chloride (ug/L) | Total (ug/L) |
|------------|---------------|--------|-----------------------------------|----------------------|---------------------------------------|--------------------------------------|---------------------------------|---|---|--|--------------------------------|----------------------------------|-----------------------------|-----------------|
| 01/15/2001 | A1041301 | 8021 | ND | ND | ND | ND | 1.6 J | ND | 24 | ND | 44 | ND | ND | 69.6 |
| 04/19/2001 | A1361314 | 624 | ND | ND | ND | ND | ND | ND | 1.4 | ND | 17 | ND | ND | 18.4 |
| 07/13/2001 | A1663811 | 8021 | ND | 1.5 | ND | ND | 5.3 | ND | 24 | ND | 88 | ND | ND | 118.8 |
| 10/15/2001 | A1A17405 | 8021 | ND | ND | ND | ND | ND | ND | 370 | ND | 3700 | ND | ND | 4070 |
| 01/23/2002 | A2076704 | 8021 | ND | ND | ND | ND | 2 J | ND | 7.8 | ND | 55 | ND | ND | 64.8 |
| 04/18/2002 | A2378805 | 8021 | ND | ND | ND | ND | ND | ND | 2.4 | ND | 17 | ND | ND | 19.4 |
| 07/16/2002 | A2722913 | 8021 | ND | ND | ND | ND | 2.6 | ND | 16 | ND | 110 | ND | ND | 128.6 |
| 10/09/2002 | A2A07509 | 8021 | ND | ND | ND | ND | ND | ND | 88 | ND | 640 | ND | ND | 728 |
| 01/23/2003 | A3075205 | 8021 | ND | ND | ND | ND | ND | ND | 31 | ND | 270 | ND | ND | 301 |
| 04/09/2003 | A3329401 | 8021 | ND | ND | ND | ND | ND | ND | 5 | ND | 85 | ND | ND | 90 |

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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.

PW-3

7G06018-02

7J10006-06

8A08003-04RE1

8D09003-05

5417446

5498677

5578620

5647718

Well Id:

07/05/2007

10/09/2007

01/07/2008

04/08/2008

07/16/2008

10/14/2008

01/15/2009

04/13/2009

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- ethene (ug/L) | 1,1,1- Trichloro- ethane (ug/L) | Trichloro- ethene (ug/L) | Tetrachloro- ethene (ug/L) | Vinyl chloride (ug/L) | Total (ug/L) |
|------------|---------------|----------|-----------------------------------|----------------------|---------------------------------------|--------------------------------------|---------------------------------|---|---|--|--------------------------------|----------------------------------|-----------------------------|-----------------|
| 10/13/2003 | A3991406 | 8021 | ND | ND | ND | 5 | ND | 4.8 | 840 D | ND | 1500 D | 2.8 | 40 D | 2392.6 |
| 01/07/2004 | A4012401 | 8021 | ND | ND | ND | ND | ND | ND | 490 | ND | 1800 | ND | ND | 2290 |
| 04/14/2004 | A4331401 | 8021 | ND | ND | ND | ND | ND | ND | 460 | ND | 2400 | ND | ND | 2860 |
| 07/07/2004 | A4636804 | 8021 | ND | ND | ND | ND | ND | ND | 440 | ND | 1300 | 20 | 36 | 1796 |
| 10/13/2004 | A4A09404 | 8021 | ND | ND | ND | 3.1 | ND | 2.5 | 490 D | ND | 1200 D | 4.1 | 3.1 | 1702.8 |
| 01/12/2005 | A5036105 | 8260 | ND | ND | ND | ND | ND | ND | 700 | ND | 4000 E | ND | ND | 4700 |
| 01/12/2005 | A5036105DL | 8260 | | | | | | | 460 D | | 2200 D | | | 2660 |
| 04/04/2005 | A5307502 | 8260 | ND | ND | ND | 2 | ND | 3.8 | 570 E | ND | 1800 E | 35 | 4.9 | 2415.7 |
| 04/04/2005 | A5307502DL | 8260 | ND | ND | ND | ND | ND | ND | 500 D | ND | 3700 BD | ND | ND | 4200 |
| 07/11/2005 | A5724603 | 8260/5ML | . ND | ND | ND | ND | ND | ND | 1400 | ND | 3200 | ND | 36 | 4636 |
| 10/05/2005 | A5B10703 | 8260 | ND | ND | ND | ND | ND | ND | 800 | ND | 1500 | ND | ND | 2300 |
| 01/24/2006 | A6089105 | 8260 | ND | ND | ND | ND | ND | ND | 450 | ND | 3100 E | 18 | ND | 3568 |
| 01/24/2006 | A6089105DL | 8260 | ND | ND | ND | ND | ND | ND | 520 D | ND | 3700 D | 23 D | ND | 4243 |
| 04/13/2006 | 6D14002-06RE1 | 8260B | ND | ND | ND | ND | ND | 1 | 298 D | ND | 946 D | 10 | 4 | 1259 |
| 07/11/2006 | 6G12005-02 | 8260B | ND | ND | ND | 5 | 3 | 5 | 1150 D | ND | 3150 D | 8 | 5 | 4326 |
| 10/09/2006 | 6J10002-06 | 8260B | ND | ND | ND | 4 | ND | 6 | 1550 D | ND | 4620 D | 3 | 4 | 6187 |
| 01/09/2007 | 7A10006-05 | 8260B | ND | ND | ND | ND | 39 | ND | 437 | ND | 1940 D | 21 | ND | 2437 |
| 04/03/2007 | 7D04039-05 | 8260B | ND | ND | ND | 2 | ND | 3 | 540 D | ND | 2250 D | 18 | 9 | 2822 |

ND

ND

ND

35 B

ND

ND

ND

ND

ND

ND

ND

12

5.2

6.4 J

2.7 J

ND

1320

1400

849

2910 D

770

1000

630

730

ND

ND

ND

ND

ND

ND

ND

ND

3120

4220 D

362

2120 D

630

1400

2000

2200

ND

ND

ND

ND

ND

ND

ND

ND

61

ND

24

154

130

31

48

50

4501

5620

1235

5231

1543.2

2447.4

2683.9

2984.5

8260B

8260B

8260B

8260B

8260B

8260B

8260B

8260B

ND

8

10 J

3.2 J

4.5 J

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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: PW-4

| | Date | Lab Sample Id | Method | Carbon tetrachloride (ug/L) | Chloroform (ug/L) | 1,1- Dichloro- ethane (ug/L) | 1,1- Dichloro ethene (ug/L) | Methylene chloride (ug/L) | Trans-1,2- dichloro- ethene (ug/L) | Cis-1,2- dichloro- ethene (ug/L) | 1,1,1- Trichloro- ethane (ug/L) | Trichloro- ethene (ug/L) | Tetrachloro- ethene (ug/L) | Vinyl chloride (ug/L) | Total (ug/L) |
|---|------------|---------------|--------|-----------------------------------|----------------------|---------------------------------------|--------------------------------------|---------------------------------|---|---|--|--------------------------------|----------------------------------|-----------------------------|-----------------|
| _ | 01/21/2009 | 5582430 | 8260B | ND | ND | ND | ND | ND | ND | 8.4 | ND | 55 | ND | ND | 63.4 |
| | 04/16/2009 | 5649166 | 8260B | ND | ND | ND | ND | ND | ND | 2.7 J | ND | 21 | ND | ND | 23.7 |

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3) The method change to 8260 was approved by the NYSDEC and changed in January 2005.

| Well Id: | Quarry Pond | | | | | | | | | | | | | |
|------------|---------------|--------|-----------------------------------|----------------------|---------------------------------------|--------------------------------------|---------------------------------|---|---|--|--------------------------------|----------------------------------|-----------------------------|-----------------|
| Date | Lab Sample Id | Method | Carbon tetrachloride (ug/L) | Chloroform (ug/L) | 1,1- Dichloro- ethane (ug/L) | 1,1- Dichloro ethene (ug/L) | Methylene chloride (ug/L) | Trans-1,2- dichloro- ethene (ug/L) | Cis-1,2- dichloro- ethene (ug/L) | 1,1,1- Trichloro- ethane (ug/L) | Trichloro- ethene (ug/L) | Tetrachloro- ethene (ug/L) | Vinyl chloride (ug/L) | Total (ug/L) |
| 04/24/2001 | A1375203 | 8021 | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| 10/19/2001 | A1A28803 | 8021 | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| 04/12/2002 | A2351701 | 8021 | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| 07/11/2002 | A2708312 | 8021 | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| 10/07/2002 | A2999206 | 8021 | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| 04/08/2003 | A3329703 | 8021 | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| 10/10/2003 | A3983803 | 8021 | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| 04/13/2004 | A4331503 | 8021 | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| 10/26/2004 | A4A60301 | 8021 | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| 04/05/2005 | A5317607 | 8260 | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| 10/06/2005 | A5B19701 | 8260 | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| 04/13/2006 | 6D14002-04 | 8260B | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| 10/10/2006 | 6J11002-10 | 8260B | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| 10/11/2007 | 7J12012-06 | 8260B | ND | ND | ND | ND | 2 | ND | ND | ND | ND | ND | ND | 2 |
| 04/16/2008 | 8D16026-02 | 8260B | ND | ND | ND | ND | 3 B | ND | ND | ND | ND | ND | ND | 3 |
| 10/14/2008 | 5498681 | 8260B | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| 04/20/2009 | 5651168 | 8260B | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |

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APPENDIX D

ELECTRONIC COPY OF THE REPORT IN PORTABLE DOCUMENT FILE (PDF) FORMAT