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10:00 am, Nov 02, 2009

Alameda County  
Environmental Health

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Direct: 925-884-0860  
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October 30, 2009

Ms. Barbara Jakub  
Hazardous Materials Specialist  
Alameda County Health Care Services  
1131 Harbor Bay Parkway, Suite 250  
Alameda, CA 94502-6577

**Subject: Quarterly Status/Monitoring Report – Third Quarter 2009**  
**Site: 76 Station No. 5191/5043**  
**449 Hegenberger Road**  
**Oakland, California**  
**Fuel Leak Case No. RO0000219**

Dear Ms. Jakub;

I declare under penalty of perjury that to the best of my knowledge the information and/or recommendations contained in the attached report is/are true and correct.

If you have any questions or need additional information, please call:

Liz Bermudez  
Pacific Convenience & Fuel  
2603 Camino Ramon, Suite 350  
San Ramon, California 94583  
Tel: (925) 884-0860  
Fax: (925) 867-4687  
[lbermudez@pcandf.com](mailto:lbermudez@pcandf.com)

Sincerely,

**PACIFIC CONVENIENCE & FUEL**

**LIZ BERMUDEZ**  
Senior Paralegal

Attachment

October 29, 2009

Ms. Barbara Jakub  
Hazardous Materials Specialist  
Alameda County Health Care Services Agency  
1131 Harbor Bay Parkway, Suite 250  
Alameda, CA 94502-6577

**Re: Quarterly Summary Report - Third Quarter 2009**

76 Station No. 5191/5043  
449 Hegenberger Road  
Oakland, California  
Fuel leak Case No. R00000219



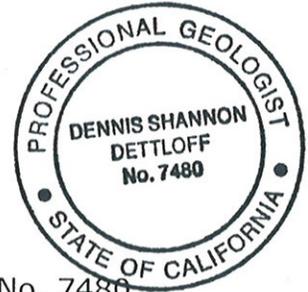
Dear Ms. Jakub,

Delta Consultants (Delta) is submitting this *Quarterly Summary Report - Third Quarter 2009* and forwarding a copy of TRC Solution's, Inc. (TRC's) *Quarterly Monitoring Report, July through September 2009*, dated October 9, 2009 for the above-referenced site.

Please contact Dennis Dettloff at (916) 503-1261 should you have any questions.

Sincerely,  
**DELTA CONSULTANTS**

Dennis S. Dettloff, P.G.  
Senior Project Manager  
California Registered Professional Geologist No. 7480



Enclosure

## QUARTERLY SUMMARY REPORT Third Quarter 2009

76 Station No. 5191/5043  
449 Hegenberger Road  
Oakland, California

County: Alameda

### **SITE DESCRIPTION**

The subject site is an operating 76 station located on the southwestern corner of Hegenberger Road and Edgewater Drive in Oakland, California. Station facilities include three underground storage tanks (USTs), two dispenser islands, a station building, and a carwash. A total of six groundwater monitoring wells are located at or near the site.

### **SITE BACKGROUND AND DESCRIPTION**

October 1991 - Four soil samples were collected from the product pipe trenches at depths of approximately 3 feet below ground surface (bgs) during a dispenser island modification. The product pipe trenches were subsequently excavated to the groundwater depth at 4 to 4.5 bgs.

February 1992 - Three monitoring wells, MW-1 through MW-3, were installed at the site to depths ranging from 13.5 to 15 feet bgs.

August 1992 - Three additional monitoring wells, MW-4 through MW-6, were installed at the site to a depth of 13.5 feet bgs.

September 1994 - One 280-gallon waste oil UST was removed from the site. The tank was made of steel, and no apparent holes or cracks were observed in the tank. One soil sample was collected from beneath the former tank at a depth of approximately 9 feet bgs. No petroleum hydrocarbons were reported.

January 1995 - Two additional monitoring wells, MW-7 and MW-8, were installed at the site to a depth of 13 feet bgs. In addition, two existing monitoring wells were destroyed in order to accommodate the construction of a car wash at the subject site. Monitoring wells MW-4 and MW-5 were fully drilled out and backfilled with neat cement.

March 1995 - Two 10,000-gallon gasoline USTs and one 10,000-gallon diesel UST were removed from the site. Groundwater was encountered in the tank cavity at a depth of approximately 8.5 feet bgs. Soil samples contained low levels of total petroleum hydrocarbons as diesel (TPHd) and benzene, and moderate levels of total petroleum hydrocarbons as gasoline (TPHg). Approximately 125,000 gallons of groundwater were pumped from the site for remediation and properly disposed off-site. Four dispenser islands and associated product piping were also removed. Based on the results of the confirmation samples, the product dispenser islands were over excavated to approximately 6 feet bgs.

March and April 1995 - During demolition activities of the former station building, soil samples were collected from two excavations, which were subsequently over

excavated. Confirmation samples contained low levels of petroleum hydrocarbons. An additional area on the south side of the former station building was excavated based on photoionization detector (PID) readings. Two monitoring wells, MW-1 and MW-2, were destroyed in order to allow for over excavation activities to extend to an area adjacent to the dispenser islands in the southeastern quadrant of the site. The excavated areas were subsequently backfilled with clean-engineered fill.

April 1997 - Two additional monitoring wells, MW-9 and MW-10, were installed in the vicinity of the site to depths of 13 to 15 feet bgs. In addition, monitoring well MW-3, which was damaged during the UST cavity over excavation in 1995, was fully drilled out and reconstructed in the same borehole.

October 2003 - Site environmental consulting responsibilities were transferred to TRC.

April 8 and 9, 2005 - TRC conducted a 24-hour dual phase extraction (DPE) event at the site using monitoring well MW-6. The 24-hour DPE event was moderately successful at removing vapor-phase petroleum hydrocarbons from the subsurface; therefore, TRC recommended DPE no longer be considered a viable remedial alternative for the site.

October 2007 - Site environmental consulting responsibilities were transferred to Delta Consultants.

## **SENSITIVE RECEPTORS**

April 24, 2006 TRC completed a sensitive receptor survey for the site. According to the Department of Water Resources (DWR) records, three water supply wells are located within a one-half mile of the site. In addition, two surface water bodies were observed within a one-half mile radius of the site. San Leandro Creek is located approximately 1,400 feet southwest of the site and flows into San Leandro Bay. Elmhurst Creek is located approximately 2,220 feet north of the site and also flows into San Leandro Bay.

## **GROUNDWATER MONITORING AND SAMPLING**

The groundwater monitoring well network, consisting of three on-site and three off-site monitoring wells, has been monitored and sampled on a quarterly basis since February 1992. Groundwater samples collected from the sites monitoring wells are analyzed for TPHd (silica gel treated), by Environmental Protection Agency (EPA) Method 8015M, total purgeable petroleum hydrocarbons (TPPH), benzene, toluene, ethylbenzene, and total xylenes (BTEX), methyl tertiary-butyl ether (MTBE), and ethanol by EPA Method 8260. In addition, samples are also collected and analyzed for nitrate as NO<sub>3</sub> and sulfate by EPA Method 300.0 and total iron by EPA Method 6010B for the evaluation of magnesium sulfate (MgSO<sub>4</sub>) infiltration as a potential remedial option. TRC has been contracted to perform quarterly groundwater monitoring and sampling at the site. A copy of TRC's Quarterly Monitoring Report, July through September 2009, dated October 9, 2009, has been forwarded with this report.

### THIRD QUARTER 2009 GROUNDWATER MONITORING AND SAMPLING RESULTS

This site has three on-site and three off-site monitoring wells. In accordance with the State Water Resources Control Board (SWRCB) Resolution 2009-0042 and a letter from the Alameda County Health Care Services Agency (ACHCSA) dated July 24, 2009 the six monitoring wells are monitored on a quarterly basis, however, only monitoring wells MW-6 and MW-10 are sampled quarterly. The remaining monitoring wells are sampled semi-annually during second and fourth quarters. Groundwater monitoring and sampling was performed by TRC on September 17, 2009. The average groundwater elevation increased 0.01 feet from the May 2009 event. Depth to groundwater in site monitoring wells ranged from 1.83 feet (MW-9) to 4.87 feet (MW-7) below top of casing (TOC) during the current event. The groundwater flow direction and gradient were interpreted to be to the southeast to southwest at 0.01 foot per foot (ft/ft) during the current event. Historical groundwater flow directions are shown on a rose diagram presented as Attachment A.

#### Contaminants of Concern:

**TPPH:** TPPH was above the laboratory's indicated reporting limit in the groundwater sample collected and submitted for analysis from monitoring well MW-6 (77,000 micrograms per liter ( $\mu\text{g/L}$ )) during the current event.

**TPHd:** TPHd was above the laboratory's indicated reporting limits in the groundwater samples collected and submitted for analysis from monitoring wells MW-6 (250,000  $\mu\text{g/L}$ ) and MW-10 (65  $\mu\text{g/L}$ ) during the current event.

**Benzene:** Benzene was above the laboratory's indicated reporting limit in the groundwater sample collected and submitted for analysis from monitoring well MW-6 (2,100  $\mu\text{g/L}$ ) during the current event.

**MTBE:** MTBE was below the laboratory's indicated reporting limits in each of the groundwater sample collected and submitted for analysis from the sampled monitoring well during the current event.

Additionally, ethyl-benzene was above the laboratory's indicated reporting limit in the groundwater sample collected and submitted for analysis from monitoring well MW-6 (2,600  $\mu\text{g/L}$ ) during the current event. Total xylenes were above the laboratory's indicated reporting limit in the groundwater sample collected and submitted for analysis from monitoring well MW-6 (8,500  $\mu\text{g/L}$ ) during the current event. Toluene was above the laboratory's indicated reporting limit in the groundwater sample collected and submitted for analysis from monitoring well MW-6 (1,400  $\mu\text{g/L}$ ) during the current event. Ethanol was below the laboratory's indicated reporting limits in each of the groundwater samples collected and submitted for analysis from the sampled monitoring wells during the current event.

#### REMEDIATION STATUS

Remediation is not currently being conducted at the site. Delta has requested that TRC collect additional groundwater samples from each of the monitoring wells to be

analyzed for sulfate, nitrate, and iron. These additional samples are being collected to evaluate if  $MgSO_4$  is a feasible remedial option in reducing the petroleum hydrocarbon impact to the groundwater beneath the site.

On April 22, 2009, Delta purged and sampled monitoring wells MW-6 and MW-9. The groundwater samples collected from these two monitoring wells were analyzed for sulfate, nitrate, and iron. The analytical results indicate that nitrate is depleted in the groundwater in the vicinity of each of these two monitoring wells. In addition, iron is depleted in the groundwater in the vicinity of monitoring well MW-6. However, sulfate was reported in each of the groundwater samples collected from monitoring wells MW-6 and MW-9 at concentrations of 1.9 milligrams per liter (mg/L) and 18 mg/L, respectively. This indicates that all of the nitrate and iron in the groundwater in the vicinity of monitoring well MW-6, the most impacted monitoring well at the site, have been consumed, and most of the sulfate as well. This data along with the higher concentrations of sulfate in the groundwater in the vicinity of up-gradient monitoring well MW-9 appears to indicate that  $MgSO_4$  may be a feasible remedial option at this site.

#### **CHARACTERIZATION STATUS**

On June 4, 2009 Delta submitted a work plan and a site conceptual model to the ACHCSA for their review. In the work plan Delta recommended additional assessment of the soil and the groundwater in the vicinity of former monitoring wells MW-1 and MW-2. In addition, vertical assessment of the soil and groundwater was also recommended.

#### **RECENT CORRESPONDENCE**

On July 24, 2009 ConocoPhillips received a letter from the ACHCSA requesting that groundwater sampling be reduced to semi-annual as required by the SWRCB resolution 2009-0042 in all monitoring wells except monitoring wells MW-6 and MW-10 which are to continue to be sampled on a quarterly basis.

#### **THIS QUARTER ACTIVITIES (Third Quarter 2009)**

- TRC performed monitoring and sampling activities at the site on September 17, 2009.
- TRC prepared the *Quarterly Monitoring Report, July through September 2009*, dated October 9, 2009.

#### **NEXT QUARTER ACTIVITIES (Fourth Quarter 2009)**

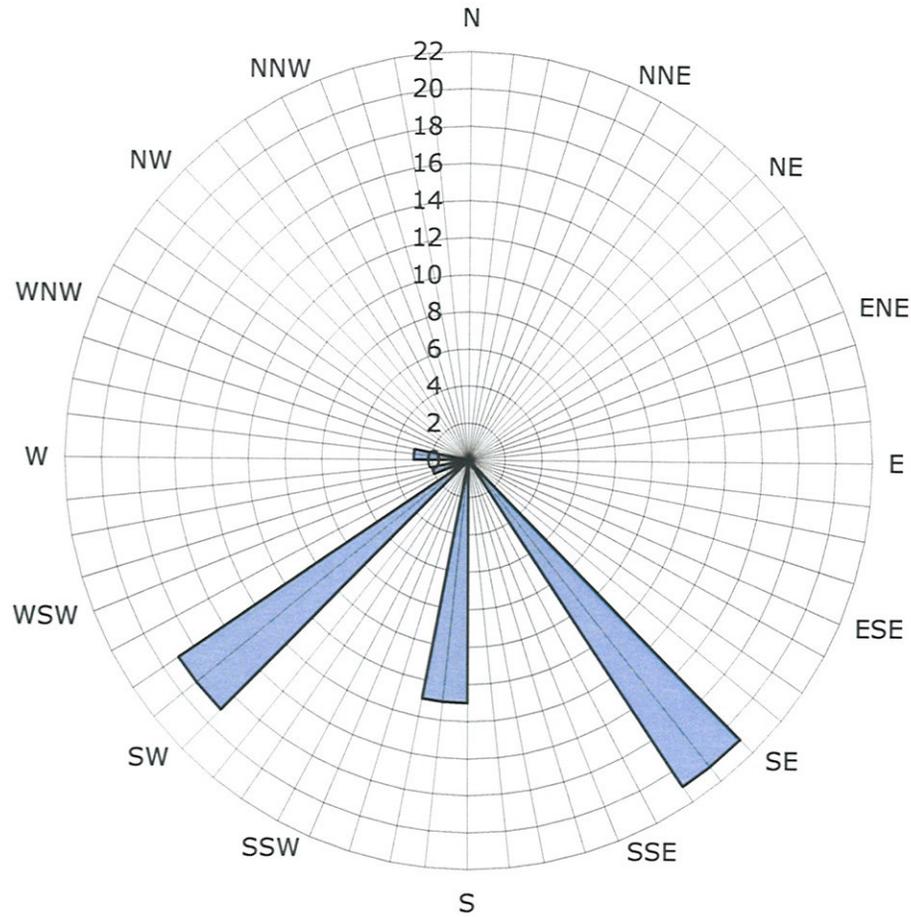
- TRC will perform the fourth quarter 2009 groundwater monitoring and sampling activities and will prepare a quarterly monitoring report.

**CONSULTANT:** Delta Consultants

**ATTACHMENT A**

***Historical Groundwater Flow Directions***

**Historic Groundwater Flow Directions**  
**Site No. 5191/5043**  
449 Hegenberger Road  
Oakland, California



Legend  
Concentric circles represent  
quarterly monitoring events  
Second Quarter 1992  
through  
Third Quarter 2009  
58 data points shown

■ Groundwater Flow Direction



21 Technology Drive  
Irvine, CA 92618

949.788.9990 PHONE  
949.788.9995 FAX

[www.TRCSolutions.com](http://www.TRCSolutions.com)

DATE: October 9, 2009

TO: Delta Consultants  
11050 White Rock Road, Suite 110  
Rancho Cordova, CA 95670

ATTN: MR. DENNIS DETTLOFF

SITE: 76 STATION 5043  
449 HEGENBERGER ROAD  
OAKLAND, CALIFORNIA

RE: QUARTERLY MONITORING REPORT  
JULY THROUGH SEPTEMBER 2009

Dear Mr. Dettloff:

Please find enclosed our Quarterly Monitoring Report for 76 Station 5043, located at 449 Hegenberger Road, Oakland, California. If you have any questions regarding this report, please call us at (949) 727-9336.

Sincerely,

TRC  
A handwritten signature in black ink, appearing to read "Anju Farfan".

Anju Farfan  
Groundwater Program Operations Manager

Enclosures  
20-0400/5043R23.QMS

**QUARTERLY MONITORING REPORT  
JULY THROUGH SEPTEMBER 2009**

76 STATION 5043  
449 Hegenberger Road  
Oakland, California

Prepared For:

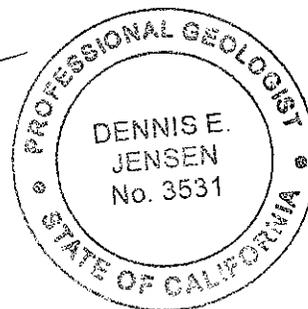
Mr. Dennis Dettloff  
DELTA CONSULTANTS  
11050 White Rock Road, Suite 110  
Rancho Cordova, CA 95670

By:



Senior Project Geologist, Irvine Operations

Date: 10/9/09



## LIST OF ATTACHMENTS

|                    |  |
|--------------------|--|
| Summary Sheet      | Summary of Gauging and Sampling Activities   |
| Tables             | <p>Table Key</p> <p>Contents of Tables</p> <p>Table 1: Current Fluid Levels and Selected Analytical Results</p> <p>Table 1a: Additional Current Analytical Results</p> <p>Table 2: Historic Fluid Levels and Selected Analytical Results</p> <p>Table 2a: Additional Historic Analytical Results</p> <p>Table 2b: Additional Historic Analytical Results</p> |
| Figures            | <p>Figure 1: Vicinity Map</p> <p>Figure 2: Groundwater Elevation Contour Map</p> <p>Figure 3: Dissolved-Phase TPH-G (GC/MS) Contour Map</p> <p>Figure 4: Dissolved-Phase Benzene Contour Map</p> <p>Figure 5: Dissolved-Phase MTBE Contour Map</p>   |
| Graphs             | <p>Groundwater Elevations vs. Time</p> <p>TPH-G Concentrations vs. Time</p> <p>Benzene Concentrations vs. Time</p> <p>MTBE Concentrations vs. Time</p>   |
| Field Activities   | <p>General Field Procedures</p> <p>Field Monitoring Data Sheet – 09/17/09</p> <p>Groundwater Sampling Field Notes – 09/17/09</p>   |
| Laboratory Reports | <p>Official Laboratory Reports</p> <p>Quality Control Reports</p> <p>Chain of Custody Records</p>  |
| Disposal Documents | Disposal/Treatment Manifests – Current (Pending)   |
| Statements         | Limitations  |

**Summary of Gauging and Sampling Activities**  
**July 2009 through September 2009**  
**76 Station 5043**  
**449 Hegenberger Road**  
**Oakland, CA**

Project Coordinator: **Dennis Dettloff**  
Telephone: **916-503-1261**

Water Sampling Contractor: **TRC**  
Compiled by: **Christina Carrillo**

Date(s) of Gauging/Sampling Event: **09/17/09**

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**Sample Points**

Groundwater wells: **3** onsite, **3** offsite      Points gauged: **6**      Points sampled: **2**  
Purging method: **Bailer**  
Purge water disposal: **Crosby and Overton treatment facility**  
Other Sample Points: **0**      Type: **--**

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**Liquid Phase Hydrocarbons (LPH)**

Sample Points with LPH: **0**      Maximum thickness (feet): **--**  
LPH removal frequency: **--**      Method: **--**  
Treatment or disposal of water/LPH: **--**

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**Hydrogeologic Parameters**

Depth to groundwater (below TOC):      Minimum: **1.83 feet**      Maximum: **4.87 feet**  
Average groundwater elevation (relative to available local datum): **5.12 feet**  
Average change in groundwater elevation since previous event: **0.01 feet**  
Interpreted groundwater gradient and flow direction:  
    Current event: **0.01 ft/ft, southeast to southwest**  
    Previous event: **0.008 ft/ft, southeast (05/28/09)**

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**Selected Laboratory Results**

Sample Points with detected **Benzene**: **1**      Sample Points above MCL (1.0 µg/l): **1**  
    Maximum reported benzene concentration: **2,100 µg/l (MW-6)**  
  
Sample Points with **TPH-G by GC/MS** **1**      Maximum: **77,000 µg/l (MW-6)**  
Sample Points with **MTBE 8260B**      **0**

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**Notes:**

MW-3=Sampled Q2 and Q4 only, MW-7=Sampled Q2 and Q4 only, MW-8=Sampled Q2 and Q4 only,  
MW-9=Sampled Q2 and Q4 only

# TABLES

## TABLE KEY

### STANDARD ABBREVIATIONS

|       |   |   |
|-------|---|---|
| -     | = | not analyzed, measured, or collected                                |
| LPH   | = | liquid-phase hydrocarbons   |
| Trace | = | less than 0.01 foot of LPH in well                                  |
| µg/l  | = | micrograms per liter (approx. equivalent to parts per billion, ppb) |
| mg/l  | = | milligrams per liter (approx. equivalent to parts per million, ppm) |
| ND <  | = | not detected at or above laboratory detection limit                 |
| TOC   | = | top of casing (surveyed reference elevation)                        |
| D     | = | duplicate   |
| P     | = | no-purge sample   |

### ANALYTES

|               |   |   |
|---------------|---|---|
| BTEX          | = | benzene, toluene, ethylbenzene, and (total) xylenes                               |
| DIPE          | = | di-isopropyl ether  |
| ETBE          | = | ethyl tertiary butyl ether  |
| MTBE          | = | methyl tertiary butyl ether   |
| PCB           | = | polychlorinated biphenyls   |
| PCE           | = | tetrachloroethene   |
| TBA           | = | tertiary butyl alcohol  |
| TCA           | = | trichloroethane   |
| TCE           | = | trichloroethene   |
| TPH-G         | = | total petroleum hydrocarbons with gasoline distinction                            |
| TPH-G (GC/MS) | = | total petroleum hydrocarbons with gasoline distinction utilizing EPA Method 8260B |
| TPH-D         | = | total petroleum hydrocarbons with diesel distinction                              |
| TRPH          | = | total recoverable petroleum hydrocarbons  |
| TAME          | = | tertiary amyl methyl ether  |
| 1,1-DCA       | = | 1,1-dichloroethane  |
| 1,2-DCA       | = | 1,2-dichloroethane (same as EDC, ethylene dichloride)                             |
| 1,1-DCE       | = | 1,1-dichloroethene  |
| 1,2-DCE       | = | 1,2-dichloroethene (cis- and trans-)  |

### NOTES

1. Elevations are in feet above mean sea level. Depths are in feet below surveyed top-of-casing.
2. Groundwater elevations for wells with LPH are calculated as: Surface Elevation - Measured Depth to Water + (Dp x LPH Thickness), where Dp is the density of the LPH, if known. A value of 0.75 is used for gasoline and when the density is not known. A value of 0.83 is used for diesel.
3. Wells with LPH are generally not sampled for laboratory analysis (see General Field Procedures).
4. Comments shown on tables are general. Additional explanations may be included in field notes and laboratory reports, both of which are included as part of this report.
5. A "J" flag indicates that a reported analytical result is an estimated concentration value between the method detection limit (MDL) and the practical quantification limit (PQL) specified by the laboratory.
6. Other laboratory flags (qualifiers) may have been reported. See the official laboratory report (attached) for a complete list of laboratory flags.
7. Concentration graphs based on tables (presented following Figures) show non-detect results prior to the Second Quarter 2000 plotted at fixed values for graphical display. Non-detect results reported since that time are plotted at reporting limits stated in the official laboratory report.

### REFERENCE

TRC began groundwater monitoring and sampling for 76 Station 5043 in October 2003. Historical data compiled prior to that time were provided by Gettler-Ryan Inc.



**Table 1**  
**CURRENT FLUID LEVELS AND SELECTED ANALYTICAL RESULTS**  
**September 17, 2009**  
**76 Station 5043**

| Date Sampled | TOC Elevation<br>(feet) | Depth to Water<br>(feet) | LPH Thickness<br>(feet) | Ground-water Elevation<br>(feet)           | Change in Elevation<br>(feet) | TPH-G 8015<br>(µg/l) | TPH-G (GC/MS)<br>(µg/l) | Benzene<br>(µg/l) | Toluene<br>(µg/l) | Ethyl-benzene<br>(µg/l) | Total Xylenes<br>(µg/l) | MTBE (8021B)<br>(µg/l) | MTBE (8260B)<br>(µg/l) | Comments               |
|--------------|-------------------------|--------------------------|-------------------------|--|-------------------------------|----------------------|-------------------------|-------------------|-------------------|-------------------------|-------------------------|------------------------|------------------------|------------------------|
| <b>MW-3</b>  |                         |                          |                         | <b>(Screen Interval in feet: 2.5-14.0)</b> |                               |                      |                         |                   |                   |                         |                         |                        |                        |                        |
| 09/17/09     | 8.04                    | 2.63                     | 0.00                    | 5.41                                       | 0.69                          | --                   | --                      | --                | --                | --                      | --                      | --                     | --                     | Sampled Q2 and Q4 only |
| <b>MW-6</b>  |                         |                          |                         | <b>(Screen Interval in feet: 2.5-13.5)</b> |                               |                      |                         |                   |                   |                         |                         |                        |                        |                        |
| 09/17/09     | 8.87                    | 3.64                     | 0.00                    | 5.23                                       | -0.15                         | --                   | 77000                   | 2100              | 1400              | 2600                    | 8500                    | --                     | ND<12                  |                        |
| <b>MW-7</b>  |                         |                          |                         | <b>(Screen Interval in feet: 3.0-13.0)</b> |                               |                      |                         |                   |                   |                         |                         |                        |                        |                        |
| 09/17/09     | 8.83                    | 4.87                     | 0.00                    | 3.96                                       | -0.16                         | --                   | --                      | --                | --                | --                      | --                      | --                     | --                     | Sampled Q2 and Q4 only |
| <b>MW-8</b>  |                         |                          |                         | <b>(Screen Interval in feet: 3.0-15.0)</b> |                               |                      |                         |                   |                   |                         |                         |                        |                        |                        |
| 09/17/09     | 8.52                    | 3.63                     | 0.00                    | 4.89                                       | -0.51                         | --                   | --                      | --                | --                | --                      | --                      | --                     | --                     | Sampled Q2 and Q4 only |
| <b>MW-9</b>  |                         |                          |                         | <b>(Screen Interval in feet: 3.0-13.0)</b> |                               |                      |                         |                   |                   |                         |                         |                        |                        |                        |
| 09/17/09     | 8.29                    | 1.83                     | 0.00                    | 6.46                                       | 0.37                          | --                   | --                      | --                | --                | --                      | --                      | --                     | --                     | Sampled Q2 and Q4 only |
| <b>MW-10</b> |                         |                          |                         | <b>(Screen Interval in feet: 3.0-13.0)</b> |                               |                      |                         |                   |                   |                         |                         |                        |                        |                        |
| 09/17/09     | 8.62                    | 3.85                     | 0.00                    | 4.77                                       | -0.19                         | --                   | ND<50                   | ND<0.50           | ND<0.50           | ND<0.50                 | ND<1.0                  | --                     | ND<0.50                |                        |

**Table 1 a**  
**ADDITIONAL CURRENT ANALYTICAL RESULTS**  
**76 Station 5043**

| Date<br>Sampled | TPH-D<br>(µg/l) | Ethanol<br>(8260B)<br>(µg/l) | Iron<br>(total)<br>(µg/l) | Nitrogen<br>as<br>Nitrate<br>(mg/l) | Sulfate<br>(mg/l) | Post-purge<br>Dissolved<br>Oxygen<br>(mg/l) | Pre-purge<br>Dissolved<br>Oxygen<br>(mg/l) | Pre-purge<br>ORP<br>(mV) | Post-purge<br>ORP<br>(mV) |
|-----------------|-----------------|------------------------------|---------------------------|-------------------------------------|-------------------|---|--|--------------------------|---------------------------|
| <b>MW-6</b>     |                 |                              |                           |                                     |                   |   |  |                          |                           |
| 09/17/09        | 250000          | ND<6200                      | 1500                      | ND<0.44                             | ND<1.0            | 1.04  | 0.76                                       | -45                      | -69                       |
| <b>MW-10</b>    |                 |                              |                           |                                     |                   |   |  |                          |                           |
| 09/17/09        | 65              | ND<250                       | 9800                      | 12                                  | 84                | 0.27  | 0.91                                       | --                       | -13                       |

**Table 2**  
**HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS**  
**February 1992 Through September 2009**  
**76 Station 5043**

| Date Sampled | TOC Elevation<br>(feet) | Depth to Water<br>(feet) | LPH Thickness<br>(feet)              | Ground-water Elevation<br>(feet) | Change in Elevation<br>(feet) | TPH-G 8015<br>(µg/l) | TPH-G (GC/MS)<br>(µg/l) | Benzene<br>(µg/l) | Toluene<br>(µg/l) | Ethyl-benzene<br>(µg/l) | Total Xylenes<br>(µg/l) | MTBE (8021B)<br>(µg/l) | MTBE (8260B)<br>(µg/l) | Comments                              |
|--------------|-------------------------|--------------------------|--------------------------------------|----------------------------------|-------------------------------|----------------------|-------------------------|-------------------|-------------------|-------------------------|-------------------------|------------------------|------------------------|---------------------------------------|
| <b>MW-1</b>  |                         |                          | <b>(Screen Interval in feet: --)</b> |                                  |                               |                      |                         |                   |                   |                         |                         |                        |                        |                                       |
| 02/18/92     | --                      | --                       | --                                   | --                               | --                            | 150000               | --                      | 17000             | 26000             | 5200                    | 26000                   | --                     | --                     |                                       |
| 05/20/92     | --                      | --                       | --                                   | --                               | --                            | --                   | --                      | --                | --                | --                      | --                      | --                     | --                     |                                       |
| 08/31/92     | --                      | --                       | --                                   | --                               | --                            | 64000                | --                      | 13000             | 12000             | 2500                    | 22000                   | --                     | --                     |                                       |
| 11/30/92     | --                      | --                       | --                                   | --                               | --                            | --                   | --                      | --                | --                | --                      | --                      | --                     | --                     |                                       |
| 02/04/93     | --                      | --                       | --                                   | --                               | --                            | --                   | --                      | --                | --                | --                      | --                      | --                     | --                     |                                       |
| 05/04/93     | 8.96                    | 2.13                     | 0.10                                 | 6.90                             | --                            | --                   | --                      | --                | --                | --                      | --                      | --                     | --                     | LPH in well                           |
| 08/04/93     | 8.96                    | 2.92                     | 0.03                                 | 6.06                             | -0.84                         | --                   | --                      | --                | --                | --                      | --                      | --                     | --                     | LPH in well                           |
| 11/03/93     | 7.38                    | 3.04                     | 0.00                                 | 4.34                             | -1.72                         | --                   | --                      | --                | --                | --                      | --                      | --                     | --                     | Not sampled; Presence of free product |
| 02/07/94     | 7.38                    | 2.55                     | 0.03                                 | 4.85                             | 0.51                          | --                   | --                      | --                | --                | --                      | --                      | --                     | --                     | LPH in well                           |
| 05/19/94     | 7.38                    | 2.23                     | 0.01                                 | 5.16                             | 0.31                          | --                   | --                      | --                | --                | --                      | --                      | --                     | --                     | LPH in well                           |
| 06/25/94     | 7.38                    | 2.49                     | 0.01                                 | 4.90                             | -0.26                         | --                   | --                      | --                | --                | --                      | --                      | --                     | --                     | LPH in well                           |
| 07/27/94     | 7.38                    | 3.10                     | 0.00                                 | 4.28                             | -0.62                         | --                   | --                      | --                | --                | --                      | --                      | --                     | --                     |                                       |
| 08/15/94     | 7.38                    | 2.85                     | 0.11                                 | 4.61                             | 0.33                          | --                   | --                      | --                | --                | --                      | --                      | --                     | --                     | LPH in well                           |
| 11/14/94     | 7.38                    | 2.97                     | 0.12                                 | 4.50                             | -0.11                         | --                   | --                      | --                | --                | --                      | --                      | --                     | --                     | LPH in well                           |
| 02/21/95     | 7.38                    | 1.53                     | 0.02                                 | 5.87                             | 1.37                          | --                   | --                      | --                | --                | --                      | --                      | --                     | --                     | LPH in well                           |
| 05/18/95     | --                      | --                       | --                                   | --                               | --                            | --                   | --                      | --                | --                | --                      | --                      | --                     | --                     | Destroyed                             |
| <b>MW-2</b>  |                         |                          | <b>(Screen Interval in feet: --)</b> |                                  |                               |                      |                         |                   |                   |                         |                         |                        |                        |                                       |
| 02/18/92     | --                      | --                       | --                                   | --                               | --                            | 29000                | --                      | 1000              | 5300              | 260                     | 7900                    | --                     | --                     |                                       |
| 05/20/92     | --                      | --                       | --                                   | --                               | --                            | 24000                | --                      | 2200              | 7600              | 630                     | 11000                   | --                     | --                     |                                       |
| 08/31/92     | --                      | --                       | --                                   | --                               | --                            | 9000                 | --                      | 1800              | 640               | 140                     | 2000                    | --                     | --                     |                                       |
| 11/30/92     | --                      | --                       | --                                   | --                               | --                            | 29000                | --                      | 2000              | 3400              | 1200                    | 6900                    | --                     | --                     |                                       |
| 02/04/93     | --                      | --                       | --                                   | --                               | --                            | 18000                | --                      | 1600              | 3000              | ND                      | 6900                    | --                     | --                     |                                       |

**Table 2**  
**HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS**  
**February 1992 Through September 2009**  
**76 Station 5043**

| Date Sampled                                    | TOC Elevation (feet) | Depth to Water (feet) | LPH Thickness (feet) | Ground-water Elevation (feet) | Change in Elevation (feet) | TPH-G 8015 (µg/l) | TPH-G (GC/MS) (µg/l) | Benzene (µg/l) | Toluene (µg/l) | Ethyl-benzene (µg/l) | Total Xylenes (µg/l) | MTBE (8021B) (µg/l) | MTBE (8260B) (µg/l) | Comments                              |
|---|----------------------|-----------------------|----------------------|-------------------------------|----------------------------|-------------------|----------------------|----------------|----------------|----------------------|----------------------|---------------------|---------------------|---------------------------------------|
| <b>MW-2 continued</b>                           |                      |                       |                      |                               |                            |                   |                      |                |                |                      |                      |                     |                     |                                       |
| 05/04/93  | 8.96                 | 2.48                  | 0.00                 | 6.48                          | --                         | 63000             | --                   | 3200           | 17000          | 470                  | 17000                | --                  | --                  |                                       |
| 08/04/93  | 8.96                 | 3.20                  | 0.00                 | 5.76                          | -0.72                      | 45000             | --                   | 2100           | 6600           | 1400                 | 12000                | --                  | --                  |                                       |
| 11/03/93  | 8.58                 | 3.37                  | 0.00                 | 5.21                          | -0.55                      | 72000             | --                   | 3700           | 16000          | 3700                 | 20000                | --                  | --                  |                                       |
| 02/07/94  | 8.58                 | 2.40                  | 0.00                 | 6.18                          | 0.97                       | --                | --                   | --             | --             | --                   | --                   | --                  | --                  | Not sampled; Presence of free product |
| 05/19/94  | 8.58                 | 2.13                  | 0.00                 | 6.45                          | 0.27                       | 42000             | --                   | 2500           | 1300           | 2300                 | 13000                | --                  | --                  |                                       |
| 06/25/94  | 8.58                 | 2.65                  | 0.00                 | 5.93                          | -0.52                      | --                | --                   | --             | --             | --                   | --                   | --                  | --                  |                                       |
| 07/27/94  | 8.58                 | 3.44                  | 0.00                 | 5.14                          | -0.79                      | --                | --                   | --             | --             | --                   | --                   | --                  | --                  |                                       |
| 08/15/94  | 8.58                 | 3.25                  | 0.00                 | 5.33                          | 0.19                       | 35000             | --                   | 2400           | 850            | 1700                 | 15000                | --                  | --                  |                                       |
| 11/14/94  | 8.58                 | 2.13                  | 0.00                 | 6.45                          | 1.12                       | 43000             | --                   | 2200           | 6500           | 1800                 | 14000                | --                  | --                  |                                       |
| 02/21/95  | 8.58                 | 1.65                  | 0.00                 | 6.93                          | 0.48                       | 44000             | --                   | 2200           | 3200           | 1300                 | 1500                 | --                  | --                  |                                       |
| 05/18/95  | --                   | --                    | --                   | --                            | --                         | --                | --                   | --             | --             | --                   | --                   | --                  | --                  | Destroyed                             |
| <b>MW-3 (Screen Interval in feet: 2.5-14.0)</b> |                      |                       |                      |                               |                            |                   |                      |                |                |                      |                      |                     |                     |                                       |
| 02/18/92  | --                   | --                    | --                   | --                            | --                         | 230               | --                   | 4.8            | 22             | 1.8                  | 33                   | --                  | --                  |                                       |
| 05/20/92  | --                   | --                    | --                   | --                            | --                         | --                | --                   | --             | --             | --                   | --                   | --                  | --                  | Inaccessible                          |
| 08/31/92  | --                   | --                    | --                   | --                            | --                         | 210               | --                   | 1              | ND             | ND                   | ND                   | --                  | --                  |                                       |
| 11/30/92  | --                   | --                    | --                   | --                            | --                         | 790               | --                   | ND             | ND             | ND                   | ND                   | --                  | --                  |                                       |
| 02/04/93  | --                   | --                    | --                   | --                            | --                         | 3300              | --                   | 320            | ND             | 96                   | 6.1                  | --                  | --                  |                                       |
| 05/04/93  | 7.84                 | 4.32                  | 0.00                 | 3.52                          | --                         | 1800              | --                   | 95             | ND             | ND                   | ND                   | --                  | --                  |                                       |
| 08/04/93  | 7.84                 | 4.94                  | 0.00                 | 2.90                          | -0.62                      | 210               | --                   | ND             | ND             | ND                   | ND                   | --                  | --                  |                                       |
| 11/03/93  | 7.42                 | 4.53                  | 0.00                 | 2.89                          | -0.01                      | 640               | --                   | ND             | ND             | ND                   | ND                   | --                  | --                  |                                       |
| 02/07/94  | 7.42                 | 2.40                  | 0.00                 | 5.02                          | 2.13                       | 2700              | --                   | 110            | ND             | 17                   | ND                   | --                  | --                  |                                       |
| 05/19/94  | 7.42                 | 3.60                  | 0.00                 | 3.82                          | -1.20                      | 1800              | --                   | 83             | ND             | 6.2                  | 9.1                  | --                  | --                  |                                       |

**Table 2**  
**HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS**  
**February 1992 Through September 2009**  
**76 Station 5043**

| Date Sampled          | TOC Elevation<br>(feet) | Depth to Water<br>(feet) | LPH Thickness<br>(feet) | Ground-water Elevation<br>(feet) | Change in Elevation<br>(feet) | TPH-G 8015<br>(µg/l) | TPH-G (GC/MS)<br>(µg/l) | Benzene<br>(µg/l) | Toluene<br>(µg/l) | Ethyl-benzene<br>(µg/l) | Total Xylenes<br>(µg/l) | MTBE (8021B)<br>(µg/l) | MTBE (8260B)<br>(µg/l) | Comments                |
|-----------------------|-------------------------|--------------------------|-------------------------|----------------------------------|-------------------------------|----------------------|-------------------------|-------------------|-------------------|-------------------------|-------------------------|------------------------|------------------------|-------------------------|
| <b>MW-3 continued</b> |                         |                          |                         |                                  |                               |                      |                         |                   |                   |                         |                         |                        |                        |                         |
| 06/25/94              | 7.42                    | 4.58                     | 0.00                    | 2.84                             | -0.98                         | --                   | --                      | --                | --                | --                      | --                      | --                     | --                     |                         |
| 07/27/94              | 7.42                    | 4.58                     | 0.00                    | 2.84                             | 0.00                          | --                   | --                      | --                | --                | --                      | --                      | --                     | --                     |                         |
| 08/15/94              | 7.42                    | 4.65                     | 0.00                    | 2.77                             | -0.07                         | 130                  | --                      | 1.1               | 0.54              | ND                      | 0.97                    | --                     | --                     |                         |
| 11/14/94              | 7.42                    | 3.18                     | 0.00                    | 4.24                             | 1.47                          | 1600                 | --                      | ND                | ND                | ND                      | ND                      | --                     | --                     |                         |
| 02/21/95              | 7.42                    | 1.81                     | 0.00                    | 5.61                             | 1.37                          | 3800                 | --                      | 350               | ND                | 130                     | 22                      | --                     | --                     |                         |
| 05/18/95              | 7.42                    | 4.56                     | 0.00                    | 2.86                             | -2.75                         | 1300                 | --                      | 42                | ND                | ND                      | ND                      | --                     | --                     |                         |
| 08/17/95              | 7.42                    | --                       | --                      | --                               | --                            | --                   | --                      | --                | --                | --                      | --                      | --                     | --                     | Inaccessible            |
| 07/26/96              | 7.42                    | --                       | --                      | --                               | --                            | --                   | --                      | --                | --                | --                      | --                      | --                     | --                     | Inaccessible            |
| 10/28/96              | 7.42                    | --                       | --                      | --                               | --                            | --                   | --                      | --                | --                | --                      | --                      | --                     | --                     | Obstructed at 0.55 feet |
| 01/29/97              | 7.42                    | --                       | --                      | --                               | --                            | --                   | --                      | --                | --                | --                      | --                      | --                     | --                     | Inaccessible            |
| 04/15/97              | 7.42                    | --                       | --                      | --                               | --                            | --                   | --                      | --                | --                | --                      | --                      | --                     | --                     | Inaccessible            |
| 05/27/97              | 7.42                    | 3.45                     | 0.00                    | 3.97                             | --                            | 670                  | --                      | 6.5               | ND                | ND                      | ND                      | 250                    | --                     |                         |
| 06/01/97              | 7.42                    | 3.50                     | 0.00                    | 3.92                             | -0.05                         | --                   | --                      | --                | --                | --                      | --                      | --                     | --                     |                         |
| 07/15/97              | 8.04                    | 3.71                     | 0.00                    | 4.33                             | 0.41                          | 240                  | --                      | ND                | ND                | ND                      | ND                      | 490                    | --                     |                         |
| 10/09/97              | 8.04                    | 3.70                     | 0.00                    | 4.34                             | 0.01                          | 270                  | --                      | 1.1               | ND                | 2.4                     | 1.4                     | 910                    | --                     |                         |
| 01/14/98              | 8.04                    | 2.16                     | 0.00                    | 5.88                             | 1.54                          | 310                  | --                      | ND                | ND                | 0.62                    | 0.65                    | 140                    | --                     |                         |
| 04/01/98              | 8.04                    | 2.20                     | 0.00                    | 5.84                             | -0.04                         | 370                  | --                      | 5.7               | ND                | ND                      | ND                      | 93                     | --                     |                         |
| 07/15/98              | 8.04                    | 3.38                     | 0.00                    | 4.66                             | -1.18                         | 460                  | --                      | ND                | ND                | ND                      | ND                      | 230                    | --                     |                         |
| 10/16/98              | 8.04                    | 2.30                     | 0.00                    | 5.74                             | 1.08                          | 330                  | --                      | 4.7               | ND                | ND                      | ND                      | 60                     | --                     |                         |
| 01/25/99              | 8.04                    | 2.42                     | 0.00                    | 5.62                             | -0.12                         | 420                  | --                      | 1.5               | ND                | ND                      | ND                      | 180                    | --                     |                         |
| 04/15/99              | 8.04                    | 2.16                     | 0.00                    | 5.88                             | 0.26                          | 290                  | --                      | 0.54              | ND                | ND                      | ND                      | 160                    | --                     |                         |
| 07/14/99              | 8.04                    | 2.35                     | 0.00                    | 5.69                             | -0.19                         | 290                  | --                      | 3.2               | ND                | ND                      | ND                      | 160                    | --                     |                         |
| 10/21/99              | 8.04                    | 2.49                     | 0.00                    | 5.55                             | -0.14                         | 360                  | --                      | 0.77              | ND                | ND                      | ND                      | 82                     | --                     |                         |

**Table 2**  
**HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS**  
**February 1992 Through September 2009**  
**76 Station 5043**

| Date Sampled          | TOC Elevation (feet) | Depth to Water (feet) | LPH Thickness (feet) | Ground-water Elevation (feet) | Change in Elevation (feet) | TPH-G 8015 (µg/l) | TPH-G (GC/MS) (µg/l) | Benzene (µg/l) | Toluene (µg/l) | Ethyl-benzene (µg/l) | Total Xylenes (µg/l) | MTBE (8021B) (µg/l) | MTBE (8260B) (µg/l) | Comments |
|-----------------------|----------------------|-----------------------|----------------------|-------------------------------|----------------------------|-------------------|----------------------|----------------|----------------|----------------------|----------------------|---------------------|---------------------|----------|
| <b>MW-3 continued</b> |                      |                       |                      |                               |                            |                   |                      |                |                |                      |                      |                     |                     |          |
| 01/20/00              | 8.04                 | 2.38                  | 0.00                 | 5.66                          | 0.11                       | ND                | --                   | 0.81           | ND             | ND                   | ND                   | 54                  | --                  |          |
| 04/13/00              | 8.04                 | 2.76                  | 0.00                 | 5.28                          | -0.38                      | 250               | --                   | 0.69           | ND             | ND                   | ND                   | 91                  | 150                 |          |
| 07/14/00              | 8.04                 | 3.26                  | 0.00                 | 4.78                          | -0.50                      | 345               | --                   | ND             | ND             | ND                   | ND                   | 94.7                | --                  |          |
| 10/26/00              | 8.04                 | 3.12                  | 0.00                 | 4.92                          | 0.14                       | 480               | --                   | 6.0            | ND             | ND                   | ND                   | 120                 | --                  |          |
| 01/03/01              | 8.04                 | 3.65                  | 0.00                 | 4.39                          | -0.53                      | 364               | --                   | 1.59           | ND             | ND                   | ND                   | 118                 | --                  |          |
| 04/04/01              | 8.04                 | 3.98                  | 0.00                 | 4.06                          | -0.33                      | 417               | --                   | 1.24           | ND             | ND                   | 0.802                | 237                 | --                  |          |
| 07/17/01              | 8.04                 | 3.12                  | 0.00                 | 4.92                          | 0.86                       | 480               | --                   | ND             | ND             | ND                   | ND                   | 150                 | --                  |          |
| 10/01/01              | 8.04                 | 3.25                  | 0.00                 | 4.79                          | -0.13                      | 310               | --                   | 1.0            | ND<0.50        | ND<0.50              | ND<0.50              | 53                  | --                  |          |
| 01/31/02              | 8.04                 | 2.27                  | 0.00                 | 5.77                          | 0.98                       | 250               | --                   | 3.5            | ND<1.0         | ND<1.0               | ND<1.0               | 110                 | --                  |          |
| 04/18/02              | 8.04                 | 3.55                  | 0.00                 | 4.49                          | -1.28                      | 300               | --                   | ND<2.0         | ND<2.0         | ND<2.0               | ND<2.0               | --                  | 59                  |          |
| 07/28/02              | 8.04                 | 2.55                  | 0.00                 | 5.49                          | 1.00                       | --                | 500                  | ND<0.50        | ND<0.50        | ND<0.50              | ND<1.0               | --                  | 130                 |          |
| 10/09/02              | 8.04                 | 2.47                  | 0.00                 | 5.57                          | 0.08                       | --                | 690                  | ND<5           | ND<5           | ND<5                 | ND<10                | --                  | 120                 |          |
| 01/02/03              | 8.04                 | 1.70                  | 0.00                 | 6.34                          | 0.77                       | --                | 310                  | ND<0.50        | ND<0.50        | ND<0.50              | ND<1.0               | --                  | 110                 |          |
| 04/01/03              | 8.04                 | 3.48                  | 0.00                 | 4.56                          | -1.78                      | --                | 250                  | ND<1.0         | ND<1.0         | ND<1.0               | ND<2.0               | --                  | 210                 |          |
| 07/01/03              | 8.04                 | 2.65                  | 0.00                 | 5.39                          | 0.83                       | --                | 450                  | ND<2.5         | ND<2.5         | ND<2.5               | ND<5.0               | --                  | 70                  |          |
| 10/02/03              | 8.04                 | 3.12                  | 0.00                 | 4.92                          | -0.47                      | --                | ND<250               | ND<2.5         | ND<2.5         | ND<2.5               | ND<5.0               | --                  | 210                 |          |
| 01/09/04              | 8.04                 | 2.39                  | 0.00                 | 5.65                          | 0.73                       | --                | 300                  | ND<0.50        | 0.53           | 0.53                 | 1.5                  | --                  | 66                  |          |
| 04/26/04              | 8.04                 | 3.11                  | 0.00                 | 4.93                          | -0.72                      | --                | 440                  | 2.5            | 5.5            | 2.9                  | 9.4                  | --                  | 81                  |          |
| 07/22/04              | 8.04                 | 2.51                  | 0.00                 | 5.53                          | 0.60                       | --                | 420                  | ND<0.5         | ND<0.5         | ND<0.5               | ND<1                 | --                  | 72                  |          |
| 10/29/04              | 8.04                 | 2.00                  | 0.00                 | 6.04                          | 0.51                       | --                | 460                  | 5.6            | 15             | 10                   | 46                   | --                  | 48                  |          |
| 01/10/05              | 8.04                 | 1.52                  | 0.00                 | 6.52                          | 0.48                       | --                | 280                  | ND<0.50        | 0.62           | ND<0.50              | 2.4                  | --                  | 64                  |          |
| 06/15/05              | 8.04                 | 2.00                  | 0.00                 | 6.04                          | -0.48                      | --                | 460                  | ND<0.50        | 0.70           | 0.56                 | 1.9                  | --                  | 110                 |          |
| 09/27/05              | 8.04                 | 1.90                  | 0.00                 | 6.14                          | 0.10                       | --                | 210                  | ND<0.50        | 0.60           | ND<0.50              | ND<1.0               | --                  | 100                 |          |

**Table 2**  
**HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS**  
**February 1992 Through September 2009**  
**76 Station 5043**

| Date Sampled                              | TOC Elevation (feet) | Depth to Water (feet) | LPH Thickness (feet) | Ground-water Elevation (feet) | Change in Elevation (feet) | TPH-G 8015 (µg/l) | TPH-G (GC/MS) (µg/l) | Benzene (µg/l) | Toluene (µg/l) | Ethyl-benzene (µg/l) | Total Xylenes (µg/l) | MTBE (8021B) (µg/l) | MTBE (8260B) (µg/l) | Comments               |
|---|----------------------|-----------------------|----------------------|-------------------------------|----------------------------|-------------------|----------------------|----------------|----------------|----------------------|----------------------|---------------------|---------------------|------------------------|
| <b>MW-3 continued</b>                     |                      |                       |                      |                               |                            |                   |                      |                |                |                      |                      |                     |                     |                        |
| 12/13/05                                  | 8.04                 | 2.35                  | 0.00                 | 5.69                          | -0.45                      | --                | 230                  | ND<0.50        | ND<0.50        | ND<0.50              | ND<1.0               | --                  | 92                  |                        |
| 03/23/06                                  | 8.04                 | 1.84                  | 0.00                 | 6.20                          | 0.51                       | --                | 290                  | ND<0.50        | ND<0.50        | ND<0.50              | ND<1.0               | --                  | 88                  |                        |
| 06/23/06                                  | 8.04                 | 2.26                  | 0.00                 | 5.78                          | -0.42                      | --                | 500                  | ND<0.50        | ND<0.50        | ND<0.50              | ND<1.0               | --                  | 75                  |                        |
| 09/26/06                                  | 8.04                 | 2.08                  | 0.00                 | 5.96                          | 0.18                       | --                | 270                  | ND<0.50        | ND<0.50        | ND<0.50              | ND<0.50              | --                  | 73                  |                        |
| 12/22/06                                  | 8.04                 | 1.88                  | 0.00                 | 6.16                          | 0.20                       | --                | 260                  | ND<0.50        | ND<0.50        | ND<0.50              | 1.2                  | --                  | 71                  |                        |
| 03/30/07                                  | 8.04                 | 2.47                  | 0.00                 | 5.57                          | -0.59                      | --                | 390                  | ND<0.50        | ND<0.50        | ND<0.50              | ND<0.50              | --                  | 120                 |                        |
| 06/28/07                                  | 8.04                 | 2.54                  | 0.00                 | 5.50                          | -0.07                      | --                | 370                  | ND<0.50        | ND<0.50        | ND<0.50              | ND<0.50              | --                  | 55                  |                        |
| 09/25/07                                  | 8.04                 | 2.56                  | 0.00                 | 5.48                          | -0.02                      | --                | 350                  | ND<0.50        | ND<0.50        | ND<0.50              | ND<0.50              | --                  | 61                  |                        |
| 12/28/07                                  | 8.04                 | 2.29                  | 0.00                 | 5.75                          | 0.27                       | --                | 260                  | ND<0.50        | ND<0.50        | ND<0.50              | ND<1.0               | --                  | 66                  |                        |
| 03/22/08                                  | 8.04                 | 3.26                  | 0.00                 | 4.78                          | -0.97                      | --                | 390                  | ND<0.50        | ND<0.50        | ND<0.50              | ND<1.0               | --                  | 39                  |                        |
| 06/23/08                                  | 8.04                 | 2.60                  | 0.00                 | 5.44                          | 0.66                       | --                | 200                  | ND<0.50        | ND<0.50        | ND<0.50              | ND<1.0               | --                  | 46                  |                        |
| 09/19/08                                  | 8.04                 | 3.45                  | 0.00                 | 4.59                          | -0.85                      | --                | 180                  | ND<0.50        | ND<0.50        | ND<0.50              | ND<1.0               | --                  | 120                 |                        |
| 12/31/08                                  | 8.04                 | 2.55                  | 0.00                 | 5.49                          | 0.90                       | --                | 190                  | ND<0.50        | ND<0.50        | ND<0.50              | ND<1.0               | --                  | 38                  |                        |
| 03/27/09                                  | 8.04                 | 2.37                  | 0.00                 | 5.67                          | 0.18                       | --                | 150                  | ND<0.50        | ND<0.50        | ND<0.50              | ND<1.0               | --                  | 50                  |                        |
| 05/28/09                                  | 8.04                 | 3.32                  | 0.00                 | 4.72                          | -0.95                      | --                | 190                  | ND<0.50        | ND<0.50        | ND<0.50              | ND<1.0               | --                  | 60                  |                        |
| 09/17/09                                  | 8.04                 | 2.63                  | 0.00                 | 5.41                          | 0.69                       | --                | --                   | --             | --             | --                   | --                   | --                  | --                  | Sampled Q2 and Q4 only |
| <b>MW-4 (Screen Interval in feet: --)</b> |                      |                       |                      |                               |                            |                   |                      |                |                |                      |                      |                     |                     |                        |
| 08/31/92                                  | --                   | --                    | --                   | --                            | --                         | 240               | --                   | ND             | ND             | ND                   | 0.54                 | --                  | --                  |                        |
| 11/30/92                                  | --                   | --                    | --                   | --                            | --                         | 420               | --                   | ND             | ND             | ND                   | ND                   | --                  | --                  |                        |
| 02/04/93                                  | --                   | --                    | --                   | --                            | --                         | ND                | --                   | ND             | ND             | ND                   | ND                   | --                  | --                  |                        |
| 05/04/93                                  | 9.00                 | 4.09                  | 0.00                 | 4.91                          | --                         | 110               | --                   | 0.95           | ND             | ND                   | ND                   | --                  | --                  |                        |
| 08/04/93                                  | 9.00                 | 5.01                  | 0.00                 | 3.99                          | -0.92                      | 250               | --                   | ND             | 3.5            | ND                   | 4.1                  | --                  | --                  |                        |
| 11/03/93                                  | 8.41                 | 4.23                  | 0.00                 | 4.18                          | 0.19                       | 130               | --                   | ND             | ND             | ND                   | ND                   | --                  | --                  |                        |

**Table 2**  
**HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS**  
**February 1992 Through September 2009**  
**76 Station 5043**

| Date Sampled                                    | TOC Elevation (feet) | Depth to Water (feet) | LPH Thickness (feet) | Ground-water Elevation (feet) | Change in Elevation (feet) | TPH-G 8015 (µg/l) | TPH-G (GC/MS) (µg/l) | Benzene (µg/l) | Toluene (µg/l) | Ethyl-benzene (µg/l) | Total Xylenes (µg/l) | MTBE (8021B) (µg/l) | MTBE (8260B) (µg/l) | Comments  |
|---|----------------------|-----------------------|----------------------|-------------------------------|----------------------------|-------------------|----------------------|----------------|----------------|----------------------|----------------------|---------------------|---------------------|-----------|
| <b>MW-4 continued</b>                           |                      |                       |                      |                               |                            |                   |                      |                |                |                      |                      |                     |                     |           |
| 02/07/94  | 8.41                 | 3.35                  | 0.00                 | 5.06                          | 0.88                       | 56                | --                   | ND             | ND             | ND                   | ND                   | --                  | --                  |           |
| 05/19/94  | 8.41                 | 3.92                  | 0.00                 | 4.49                          | -0.57                      | 140               | --                   | ND             | ND             | ND                   | ND                   | --                  | --                  |           |
| 06/25/94  | 8.41                 | 4.35                  | 0.00                 | 4.06                          | -0.43                      | --                | --                   | --             | --             | --                   | --                   | --                  | --                  |           |
| 07/27/94  | 8.41                 | 4.28                  | 0.00                 | 4.13                          | 0.07                       | --                | --                   | --             | --             | --                   | --                   | --                  | --                  |           |
| 08/15/94  | 8.41                 | 4.27                  | 0.00                 | 4.14                          | 0.01                       | 59                | --                   | ND             | 0.6            | ND                   | ND                   | --                  | --                  |           |
| 11/14/94  | 8.41                 | 4.05                  | 0.00                 | 4.36                          | 0.22                       | 130               | --                   | ND             | ND             | ND                   | ND                   | --                  | --                  |           |
| 02/21/95  | --                   | --                    | --                   | --                            | --                         | --                | --                   | --             | --             | --                   | --                   | --                  | --                  | Destroyed |
| <b>MW-5 (Screen Interval in feet: --)</b>       |                      |                       |                      |                               |                            |                   |                      |                |                |                      |                      |                     |                     |           |
| 08/31/92  | --                   | --                    | --                   | --                            | --                         | 78                | --                   | 0.89           | ND             | ND                   | 13                   | --                  | --                  |           |
| 11/30/92  | --                   | --                    | --                   | --                            | --                         | 930               | --                   | 70             | 290            | 0.79                 | 14                   | --                  | --                  |           |
| 02/04/93  | --                   | --                    | --                   | --                            | --                         | 5700              | --                   | 38             | ND             | 620                  | 170                  | --                  | --                  |           |
| 05/04/93  | 8.95                 | 4.37                  | 0.00                 | 4.58                          | --                         | 7400              | --                   | 41             | ND             | 1000                 | 35                   | --                  | --                  |           |
| 08/04/93  | 8.95                 | 5.81                  | 0.00                 | 3.14                          | -1.44                      | 1500              | --                   | 130            | 1              | 460                  | 11                   | --                  | --                  |           |
| 11/03/93  | 8.95                 | 5.68                  | 0.00                 | 3.27                          | 0.13                       | 13000             | --                   | 350            | ND             | 3500                 | 530                  | --                  | --                  |           |
| 02/07/94  | 8.95                 | 5.11                  | 0.00                 | 3.84                          | 0.57                       | 2000              | --                   | 87             | ND             | 370                  | 110                  | --                  | --                  |           |
| 05/19/94  | 8.95                 | 5.09                  | 0.00                 | 3.86                          | 0.02                       | 260               | --                   | 44             | ND             | 32                   | 4.1                  | --                  | --                  |           |
| 06/25/94  | 8.95                 | 4.55                  | 0.00                 | 4.40                          | 0.54                       | --                | --                   | --             | --             | --                   | --                   | --                  | --                  |           |
| 07/27/94  | 8.95                 | 5.72                  | 0.00                 | 3.23                          | -1.17                      | --                | --                   | --             | --             | --                   | --                   | --                  | --                  |           |
| 08/15/94  | 8.95                 | 5.68                  | 0.00                 | 3.27                          | 0.04                       | 1600              | --                   | 110            | ND             | 340                  | 72                   | --                  | --                  |           |
| 11/14/94  | 8.95                 | 5.63                  | 0.00                 | 3.32                          | 0.05                       | 250               | --                   | 40             | ND             | ND                   | 5                    | --                  | --                  |           |
| 02/21/95  | --                   | --                    | --                   | --                            | --                         | --                | --                   | --             | --             | --                   | --                   | --                  | --                  | Destroyed |
| <b>MW-6 (Screen Interval in feet: 2.5-13.5)</b> |                      |                       |                      |                               |                            |                   |                      |                |                |                      |                      |                     |                     |           |
| 08/31/92  | --                   | --                    | --                   | --                            | --                         | ND                | --                   | ND             | ND             | ND                   | ND                   | --                  | --                  |           |

**Table 2**  
**HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS**  
**February 1992 Through September 2009**  
**76 Station 5043**

| Date Sampled          | TOC Elevation<br>(feet) | Depth to Water<br>(feet) | LPH Thickness<br>(feet) | Ground-water Elevation<br>(feet) | Change in Elevation<br>(feet) | TPH-G 8015<br>(µg/l) | TPH-G (GC/MS)<br>(µg/l) | Benzene<br>(µg/l) | Toluene<br>(µg/l) | Ethyl-benzene<br>(µg/l) | Total Xylenes<br>(µg/l) | MTBE (8021B)<br>(µg/l) | MTBE (8260B)<br>(µg/l) | Comments     |
|-----------------------|-------------------------|--------------------------|-------------------------|----------------------------------|-------------------------------|----------------------|-------------------------|-------------------|-------------------|-------------------------|-------------------------|------------------------|------------------------|--------------|
| <b>MW-6 continued</b> |                         |                          |                         |                                  |                               |                      |                         |                   |                   |                         |                         |                        |                        |              |
| 11/30/92              | --                      | --                       | --                      | --                               | --                            | 9200                 | --                      | 550               | ND                | 740                     | 1600                    | --                     | --                     |              |
| 02/04/93              | --                      | --                       | --                      | --                               | --                            | 3600                 | --                      | 340               | ND                | 290                     | 550                     | --                     | --                     |              |
| 05/04/93              | 9.12                    | 3.72                     | 0.00                    | 5.40                             | --                            | 4900                 | --                      | 360               | 18                | 450                     | 430                     | --                     | --                     |              |
| 08/04/93              | 9.12                    | 5.15                     | 0.00                    | 3.97                             | -1.43                         | 3400                 | --                      | 390               | ND                | 440                     | 190                     | --                     | --                     |              |
| 11/03/93              | 8.87                    | 5.25                     | 0.00                    | 3.62                             | -0.35                         | 1400                 | --                      | 320               | ND                | 200                     | 7.7                     | --                     | --                     |              |
| 02/07/94              | 8.87                    | 4.55                     | 0.00                    | 4.32                             | 0.70                          | 4900                 | --                      | 650               | ND                | 250                     | 35                      | --                     | --                     |              |
| 05/19/94              | 8.87                    | 4.62                     | 0.00                    | 4.25                             | -0.07                         | 3600                 | --                      | 300               | 1.7               | 210                     | 41                      | --                     | --                     |              |
| 08/15/94              | 8.87                    | 5.08                     | 0.00                    | 3.79                             | -0.46                         | 1300                 | --                      | 130               | 6.7               | 54                      | 57                      | --                     | --                     |              |
| 11/14/94              | 8.87                    | 5.30                     | 0.00                    | 3.57                             | -0.22                         | 730                  | --                      | 50                | ND                | ND                      | 39                      | --                     | --                     |              |
| 02/21/95              | 8.87                    | 5.37                     | 0.00                    | 3.50                             | -0.07                         | 2000                 | --                      | 250               | 4.6               | 25                      | 30                      | --                     | --                     |              |
| 05/18/95              | 8.87                    | --                       | --                      | --                               | --                            | --                   | --                      | --                | --                | --                      | --                      | --                     | --                     | Inaccessible |
| 08/17/95              | 8.87                    | --                       | --                      | --                               | --                            | --                   | --                      | --                | --                | --                      | --                      | --                     | --                     | Inaccessible |
| 07/26/96              | 8.87                    | 6.40                     | 3.33                    | 4.97                             | --                            | --                   | --                      | --                | --                | --                      | --                      | --                     | --                     | LPH in well  |
| 10/28/96              | 8.87                    | 4.10                     | 0.21                    | 4.93                             | -0.04                         | --                   | --                      | --                | --                | --                      | --                      | --                     | --                     | LPH in well  |
| 11/13/96              | 8.87                    | 4.02                     | 0.25                    | 5.04                             | 0.11                          | --                   | --                      | --                | --                | --                      | --                      | --                     | --                     | LPH in well  |
| 11/25/96              | 8.87                    | 4.01                     | 0.75                    | 5.42                             | 0.38                          | --                   | --                      | --                | --                | --                      | --                      | --                     | --                     | LPH in well  |
| 12/04/96              | 8.87                    | 3.65                     | 0.50                    | 5.59                             | 0.17                          | --                   | --                      | --                | --                | --                      | --                      | --                     | --                     | LPH in well  |
| 12/19/96              | 8.87                    | 4.80                     | 2.20                    | 5.72                             | 0.13                          | --                   | --                      | --                | --                | --                      | --                      | --                     | --                     | LPH in well  |
| 01/08/97              | 8.87                    | 4.84                     | 1.75                    | 5.34                             | -0.38                         | --                   | --                      | --                | --                | --                      | --                      | --                     | --                     | LPH in well  |
| 01/14/97              | 8.87                    | 4.51                     | 1.15                    | 5.22                             | -0.12                         | --                   | --                      | --                | --                | --                      | --                      | --                     | --                     | LPH in well  |
| 01/27/97              | 8.87                    | 4.00                     | 1.75                    | 6.18                             | 0.96                          | --                   | --                      | --                | --                | --                      | --                      | --                     | --                     | LPH in well  |
| 01/29/97              | 8.87                    | 3.24                     | 0.31                    | 5.86                             | -0.32                         | --                   | --                      | --                | --                | --                      | --                      | --                     | --                     | LPH in well  |
| 02/11/97              | 8.87                    | 4.65                     | 1.20                    | 5.12                             | -0.74                         | --                   | --                      | --                | --                | --                      | --                      | --                     | --                     | LPH in well  |

Table 2  
**HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS**  
 February 1992 Through September 2009  
 76 Station 5043

| Date<br>Sampled       | TOC<br>Elevation<br>(feet) | Depth to<br>Water<br>(feet) | LPH<br>Thickness<br>(feet) | Ground-<br>water<br>Elevation<br>(feet) | Change<br>in<br>Elevation<br>(feet) | TPH-G<br>8015<br>(µg/l) | TPH-G<br>(GC/MS)<br>(µg/l) | Benzene<br>(µg/l) | Toluene<br>(µg/l) | Ethyl-<br>benzene<br>(µg/l) | Total<br>Xylenes<br>(µg/l) | MTBE<br>(8021B)<br>(µg/l) | MTBE<br>(8260B)<br>(µg/l) | Comments    |
|-----------------------|----------------------------|-----------------------------|----------------------------|---|-------------------------------------|-------------------------|----------------------------|-------------------|-------------------|-----------------------------|----------------------------|---------------------------|---------------------------|-------------|
| <b>MW-6 continued</b> |                            |                             |                            |   |                                     |                         |                            |                   |                   |                             |                            |                           |                           |             |
| 02/24/97              | 8.87                       | 4.81                        | 1.10                       | 4.89                                    | -0.23                               | --                      | --                         | --                | --                | --                          | --                         | --                        | --                        | LPH in well |
| 03/10/97              | 8.87                       | 4.60                        | 0.95                       | 4.98                                    | 0.10                                | --                      | --                         | --                | --                | --                          | --                         | --                        | --                        | LPH in well |
| 03/17/97              | 8.87                       | 4.50                        | 0.89                       | 5.04                                    | 0.05                                | --                      | --                         | --                | --                | --                          | --                         | --                        | --                        | LPH in well |
| 03/31/97              | 8.87                       | 4.65                        | 1.00                       | 4.97                                    | -0.07                               | --                      | --                         | --                | --                | --                          | --                         | --                        | --                        | LPH in well |
| 04/15/97              | 8.87                       | 4.90                        | 1.03                       | 4.74                                    | -0.23                               | --                      | --                         | --                | --                | --                          | --                         | --                        | --                        | LPH in well |
| 04/28/97              | 8.87                       | 4.78                        | 0.03                       | 4.11                                    | -0.63                               | --                      | --                         | --                | --                | --                          | --                         | --                        | --                        | LPH in well |
| 05/15/97              | 8.87                       | 4.60                        | 0.25                       | 4.46                                    | 0.35                                | --                      | --                         | --                | --                | --                          | --                         | --                        | --                        | LPH in well |
| 05/27/97              | 8.87                       | 4.50                        | 0.25                       | 4.56                                    | 0.10                                | --                      | --                         | --                | --                | --                          | --                         | --                        | --                        | LPH in well |
| 06/09/97              | 8.87                       | 4.60                        | 0.20                       | 4.42                                    | -0.14                               | --                      | --                         | --                | --                | --                          | --                         | --                        | --                        | LPH in well |
| 06/24/97              | 8.87                       | 4.50                        | 0.25                       | 4.56                                    | 0.14                                | --                      | --                         | --                | --                | --                          | --                         | --                        | --                        | LPH in well |
| 07/09/97              | 8.87                       | 4.80                        | 0.60                       | 4.52                                    | -0.04                               | --                      | --                         | --                | --                | --                          | --                         | --                        | --                        | LPH in well |
| 07/15/97              | 8.87                       | 4.63                        | 0.42                       | 4.55                                    | 0.04                                | --                      | --                         | --                | --                | --                          | --                         | --                        | --                        | LPH in well |
| 07/21/97              | 8.87                       | 4.75                        | 0.25                       | 4.31                                    | -0.25                               | --                      | --                         | --                | --                | --                          | --                         | --                        | --                        | LPH in well |
| 08/06/97              | 8.87                       | 4.50                        | 0.10                       | 4.44                                    | 0.14                                | --                      | --                         | --                | --                | --                          | --                         | --                        | --                        | LPH in well |
| 08/20/97              | 8.87                       | 4.55                        | 0.10                       | 4.39                                    | -0.05                               | --                      | --                         | --                | --                | --                          | --                         | --                        | --                        | LPH in well |
| 09/02/97              | 8.87                       | 4.75                        | 0.05                       | 4.16                                    | -0.24                               | --                      | --                         | --                | --                | --                          | --                         | --                        | --                        | LPH in well |
| 10/09/97              | 8.87                       | 4.84                        | 0.04                       | 4.06                                    | -0.10                               | --                      | --                         | --                | --                | --                          | --                         | --                        | --                        | LPH in well |
| 01/14/98              | 8.87                       | 3.90                        | 0.94                       | 5.67                                    | 1.61                                | --                      | --                         | --                | --                | --                          | --                         | --                        | --                        | LPH in well |
| 02/12/98              | 8.87                       | 3.35                        | 0.64                       | 6.00                                    | 0.33                                | --                      | --                         | --                | --                | --                          | --                         | --                        | --                        | LPH in well |
| 03/03/98              | 8.87                       | 4.51                        | 0.02                       | 4.37                                    | -1.63                               | --                      | --                         | --                | --                | --                          | --                         | --                        | --                        | LPH in well |
| 04/01/98              | 8.87                       | 3.67                        | 1.60                       | 6.40                                    | 2.03                                | --                      | --                         | --                | --                | --                          | --                         | --                        | --                        | LPH in well |
| 05/26/98              | 8.87                       | 4.11                        | 0.50                       | 5.13                                    | -1.26                               | --                      | --                         | --                | --                | --                          | --                         | --                        | --                        | LPH in well |
| 06/15/98              | 8.87                       | 5.03                        | 0.30                       | 4.06                                    | -1.07                               | --                      | --                         | --                | --                | --                          | --                         | --                        | --                        | LPH in well |

**Table 2**  
**HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS**  
**February 1992 Through September 2009**  
**76 Station 5043**

| Date Sampled          | TOC Elevation (feet) | Depth to Water (feet) | LPH Thickness (feet) | Ground-water Elevation (feet) | Change in Elevation (feet) | TPH-G 8015 (µg/l) | TPH-G (GC/MS) (µg/l) | Benzene (µg/l) | Toluene (µg/l) | Ethyl-benzene (µg/l) | Total Xylenes (µg/l) | MTBE (8021B) (µg/l) | MTBE (8260B) (µg/l) | Comments                               |
|-----------------------|----------------------|-----------------------|----------------------|-------------------------------|----------------------------|-------------------|----------------------|----------------|----------------|----------------------|----------------------|---------------------|---------------------|--|
| <b>MW-6 continued</b> |                      |                       |                      |                               |                            |                   |                      |                |                |                      |                      |                     |                     |  |
| 07/15/98              | 8.87                 | 4.56                  | 0.05                 | 4.35                          | 0.28                       | --                | --                   | --             | --             | --                   | --                   | --                  | --                  | LPH in well                            |
| 08/21/98              | 8.87                 | 4.77                  | 0.02                 | 4.11                          | -0.23                      | --                | --                   | --             | --             | --                   | --                   | --                  | --                  | LPH in well                            |
| 09/30/98              | 8.87                 | 5.08                  | 0.03                 | 3.81                          | -0.30                      | --                | --                   | --             | --             | --                   | --                   | --                  | --                  | LPH in well                            |
| 10/16/98              | 8.87                 | 4.31                  | 2.40                 | 6.36                          | 2.55                       | --                | --                   | --             | --             | --                   | --                   | --                  | --                  | LPH in well                            |
| 11/06/98              | 8.87                 | 3.98                  | 0.17                 | 5.02                          | -1.34                      | --                | --                   | --             | --             | --                   | --                   | --                  | --                  | LPH in well                            |
| 11/25/98              | 8.87                 | 3.92                  | 0.10                 | 5.02                          | 0.01                       | --                | --                   | --             | --             | --                   | --                   | --                  | --                  | LPH in well                            |
| 12/28/98              | 8.87                 | 3.90                  | 0.20                 | 5.12                          | 0.10                       | --                | --                   | --             | --             | --                   | --                   | --                  | --                  | LPH in well                            |
| 01/25/99              | 8.87                 | 4.18                  | 0.60                 | 5.14                          | 0.02                       | --                | --                   | --             | --             | --                   | --                   | --                  | --                  | LPH in well                            |
| 02/22/99              | 8.87                 | 4.07                  | 0.22                 | 4.96                          | -0.18                      | --                | --                   | --             | --             | --                   | --                   | --                  | --                  | LPH in well                            |
| 03/22/99              | 8.87                 | 4.32                  | 0.15                 | 4.66                          | -0.30                      | --                | --                   | --             | --             | --                   | --                   | --                  | --                  | LPH in well                            |
| 04/15/99              | 8.87                 | 4.23                  | 0.95                 | 5.35                          | 0.69                       | --                | --                   | --             | --             | --                   | --                   | --                  | --                  | LPH in well                            |
| 05/28/99              | 8.87                 | 4.38                  | 0.39                 | 4.78                          | -0.57                      | --                | --                   | --             | --             | --                   | --                   | --                  | --                  | LPH in well                            |
| 06/29/99              | 8.87                 | 4.12                  | 0.02                 | 4.76                          | -0.02                      | --                | --                   | --             | --             | --                   | --                   | --                  | --                  | LPH in well                            |
| 07/14/99              | 8.87                 | 4.20                  | 0.03                 | 4.69                          | -0.07                      | --                | --                   | --             | --             | --                   | --                   | --                  | --                  | Not sampled - presence of free product |
| 08/23/99              | 8.87                 | 4.51                  | 0.24                 | 4.54                          | -0.15                      | --                | --                   | --             | --             | --                   | --                   | --                  | --                  | LPH in well                            |
| 09/30/99              | 8.87                 | 4.17                  | 0.17                 | 4.83                          | 0.29                       | --                | --                   | --             | --             | --                   | --                   | --                  | --                  | LPH in well                            |
| 10/21/99              | 8.87                 | 4.27                  | 0.12                 | 4.69                          | -0.14                      | --                | --                   | --             | --             | --                   | --                   | --                  | --                  | LPH in well                            |
| 11/29/99              | 8.87                 | 4.18                  | 0.00                 | 4.69                          | 0.00                       | --                | --                   | --             | --             | --                   | --                   | --                  | --                  | LPH in well                            |
| 12/20/99              | 8.87                 | 4.26                  | 0.01                 | 4.62                          | -0.07                      | --                | --                   | --             | --             | --                   | --                   | --                  | --                  | LPH in well                            |
| 01/20/00              | 8.87                 | 4.31                  | 0.00                 | 4.56                          | -0.06                      | 130000            | --                   | 2900           | 8600           | 2000                 | 16000                | ND                  | --                  |  |
| 02/26/00              | 8.87                 | 3.98                  | 0.00                 | 4.89                          | 0.33                       | --                | --                   | --             | --             | --                   | --                   | --                  | --                  |  |
| 03/31/00              | 8.87                 | 4.14                  | 0.00                 | 4.73                          | -0.16                      | --                | --                   | --             | --             | --                   | --                   | --                  | --                  |  |

**Table 2**  
**HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS**  
**February 1992 Through September 2009**  
**76 Station 5043**

| Date<br>Sampled       | TOC<br>Elevation<br>(feet) | Depth to<br>Water<br>(feet) | LPH<br>Thickness<br>(feet) | Ground-<br>water<br>Elevation<br>(feet) | Change<br>in<br>Elevation<br>(feet) | TPH-G<br>8015<br>(µg/l) | TPH-G<br>(GC/MS)<br>(µg/l) | Benzene<br>(µg/l) | Toluene<br>(µg/l) | Ethyl-<br>benzene<br>(µg/l) | Total<br>Xylenes<br>(µg/l) | MTBE<br>(8021B)<br>(µg/l) | MTBE<br>(8260B)<br>(µg/l) | Comments |
|-----------------------|----------------------------|-----------------------------|----------------------------|---|-------------------------------------|-------------------------|----------------------------|-------------------|-------------------|-----------------------------|----------------------------|---------------------------|---------------------------|----------|
| <b>MW-6 continued</b> |                            |                             |                            |   |                                     |                         |                            |                   |                   |                             |                            |                           |                           |          |
| 04/13/00              | 8.87                       | 4.04                        | 0.00                       | 4.83                                    | 0.10                                | 140000                  | --                         | 5000              | 14000             | 3600                        | 27000                      | 7700                      | --                        |          |
| 05/26/00              | 8.87                       | 4.41                        | 0.00                       | 4.46                                    | -0.37                               | --                      | --                         | --                | --                | --                          | --                         | --                        | --                        |          |
| 06/17/00              | 8.87                       | 4.35                        | 0.00                       | 4.52                                    | 0.06                                | --                      | --                         | --                | --                | --                          | --                         | --                        | --                        |          |
| 07/14/00              | 8.87                       | 4.47                        | 0.00                       | 4.40                                    | -0.12                               | 259000                  | --                         | 7670              | 13700             | 6860                        | 40700                      | ND                        | ND                        |          |
| 08/24/00              | 8.87                       | 3.71                        | 0.00                       | 5.16                                    | 0.76                                | --                      | --                         | --                | --                | --                          | --                         | --                        | --                        |          |
| 09/27/00              | 8.87                       | 4.33                        | 0.00                       | 4.54                                    | -0.62                               | --                      | --                         | --                | --                | --                          | --                         | --                        | --                        |          |
| 10/26/00              | 8.87                       | 4.32                        | 0.00                       | 4.55                                    | 0.01                                | 110000                  | --                         | 7000              | 6200              | 3700                        | 12000                      | 670                       | 43                        |          |
| 01/03/01              | 8.87                       | 4.52                        | 0.00                       | 4.35                                    | -0.20                               | 84700                   | --                         | 3950              | 4130              | 3650                        | 11800                      | ND                        | ND                        |          |
| 04/04/01              | 8.87                       | 4.29                        | 0.00                       | 4.58                                    | 0.23                                | 69800                   | --                         | 2060              | 2840              | 3650                        | 10900                      | ND                        | 47.8                      |          |
| 07/17/01              | 8.87                       | 4.37                        | 0.00                       | 4.50                                    | -0.08                               | 100000                  | --                         | 3200              | 3300              | 3400                        | 12000                      | ND                        | --                        |          |
| 10/01/01              | 8.87                       | 4.45                        | 0.00                       | 4.42                                    | -0.08                               | 110000                  | --                         | 3200              | 2400              | 4500                        | 13000                      | ND<1000                   | --                        |          |
| 01/31/02              | 8.87                       | 4.03                        | 0.00                       | 4.84                                    | 0.42                                | 230000                  | --                         | 2400              | 1800              | 5400                        | 16000                      | ND<2500                   | --                        |          |
| 04/18/02              | 8.87                       | 3.45                        | 0.00                       | 5.42                                    | 0.58                                | 94000                   | --                         | 6800              | 13000             | 3000                        | 19000                      | ND<500                    | --                        |          |
| 07/28/02              | 8.87                       | 2.24                        | 0.00                       | 6.63                                    | 1.21                                | --                      | 110000                     | 530               | 170               | 3200                        | 7300                       | --                        | ND<100                    |          |
| 10/09/02              | 8.87                       | 3.53                        | 0.00                       | 5.34                                    | -1.29                               | --                      | 970000                     | 10000             | 39000             | 13000                       | 94000                      | --                        | ND<2000                   |          |
| 01/02/03              | 8.87                       | 2.34                        | 0.00                       | 6.53                                    | 1.19                                | --                      | 270000                     | 6100              | 15000             | 5400                        | 37000                      | --                        | ND<200                    |          |
| 04/01/03              | 8.87                       | 3.17                        | 0.00                       | 5.70                                    | -0.83                               | --                      | 3000000                    | 8000              | 39000             | 37000                       | 260000                     | --                        | ND<2000                   |          |
| 07/01/03              | 8.87                       | 3.55                        | 0.00                       | 5.32                                    | -0.38                               | --                      | 38000                      | 2100              | 990               | 2700                        | 6500                       | --                        | ND<100                    |          |
| 10/02/03              | 8.87                       | 3.82                        | 0.00                       | 5.05                                    | -0.27                               | --                      | 100000                     | 5600              | 6900              | 4700                        | 18000                      | --                        | ND<800                    |          |
| 01/09/04              | 8.87                       | 2.80                        | 0.00                       | 6.07                                    | 1.02                                | --                      | 170000                     | 2800              | 3300              | 4700                        | 16000                      | --                        | ND<200                    |          |
| 04/26/04              | 8.87                       | 3.40                        | 0.00                       | 5.47                                    | -0.60                               | --                      | 97000                      | 5900              | 9000              | 5100                        | 23000                      | --                        | ND<50                     |          |
| 07/22/04              | 8.87                       | 3.54                        | 0.00                       | 5.33                                    | -0.14                               | --                      | 110000                     | 4100              | 5100              | 4000                        | 16000                      | --                        | ND<200                    |          |
| 10/29/04              | 8.87                       | 3.03                        | 0.00                       | 5.84                                    | 0.51                                | --                      | 100000                     | 5200              | 6100              | 4200                        | 15000                      | --                        | ND<50                     |          |

**Table 2**  
**HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS**  
**February 1992 Through September 2009**  
**76 Station 5043**

| Date Sampled                                    | TOC Elevation<br>(feet) | Depth to Water<br>(feet) | LPH Thickness<br>(feet) | Ground-water Elevation<br>(feet) | Change in Elevation<br>(feet) | TPH-G 8015<br>(µg/l) | TPH-G (GC/MS)<br>(µg/l) | Benzene<br>(µg/l) | Toluene<br>(µg/l) | Ethyl-benzene<br>(µg/l) | Total Xylenes<br>(µg/l) | MTBE (8021B)<br>(µg/l) | MTBE (8260B)<br>(µg/l) | Comments |
|---|-------------------------|--------------------------|-------------------------|----------------------------------|-------------------------------|----------------------|-------------------------|-------------------|-------------------|-------------------------|-------------------------|------------------------|------------------------|----------|
| <b>MW-6 continued</b>                           |                         |                          |                         |                                  |                               |                      |                         |                   |                   |                         |                         |                        |                        |          |
| 01/10/05  | 8.87                    | 2.35                     | 0.00                    | 6.52                             | 0.68                          | --                   | 71000                   | 1600              | 3700              | 2100                    | 9900                    | --                     | ND<50                  |          |
| 06/15/05  | 8.87                    | 2.47                     | 0.00                    | 6.40                             | -0.12                         | --                   | 130000                  | 800               | 1800              | 2200                    | 9300                    | --                     | ND<50                  |          |
| 09/27/05  | 8.87                    | 2.55                     | 0.00                    | 6.32                             | -0.08                         | --                   | 13000                   | 82                | 120               | 430                     | 990                     | --                     | 0.56                   |          |
| 12/13/05  | 8.87                    | 3.28                     | 0.00                    | 5.59                             | -0.73                         | --                   | 68000                   | 1500              | 1100              | 2200                    | 7700                    | --                     | ND<50                  |          |
| 03/23/06  | 8.87                    | 2.87                     | 0.00                    | 6.00                             | 0.41                          | --                   | 41000                   | 290               | 140               | 1500                    | 2700                    | --                     | ND<50                  |          |
| 06/23/06  | 8.87                    | 3.15                     | 0.00                    | 5.72                             | -0.28                         | --                   | 50000                   | 2200              | 1400              | 1900                    | 5700                    | --                     | ND<12                  |          |
| 09/26/06  | 8.87                    | 3.08                     | 0.00                    | 5.79                             | 0.07                          | --                   | 130000                  | 2200              | 1000              | 2900                    | 8800                    | --                     | ND<50                  |          |
| 12/22/06  | 8.87                    | 2.90                     | 0.00                    | 5.97                             | 0.18                          | --                   | 90000                   | 940               | 610               | 1900                    | 4700                    | --                     | ND<50                  |          |
| 03/30/07  | 8.87                    | 3.26                     | 0.00                    | 5.61                             | -0.36                         | --                   | 210000                  | 1100              | 560               | 3400                    | 12000                   | --                     | ND<10                  |          |
| 06/28/07  | 8.87                    | 3.46                     | 0.00                    | 5.41                             | -0.20                         | --                   | 67000                   | 2200              | 1300              | 2700                    | 10000                   | --                     | ND<25                  |          |
| 09/25/07  | 8.87                    | 3.52                     | 0.00                    | 5.35                             | -0.06                         | --                   | 56000                   | 2900              | 720               | 2400                    | 9000                    | --                     | ND<25                  |          |
| 12/28/07  | 8.87                    | 3.27                     | 0.00                    | 5.60                             | 0.25                          | --                   | 78000                   | 28000             | 2700              | 4000                    | 8100                    | --                     | 16000                  |          |
| 03/22/08  | 8.87                    | 2.48                     | 0.00                    | 6.39                             | 0.79                          | --                   | 66000                   | 380               | 150               | 1500                    | 2400                    | --                     | ND<25                  |          |
| 06/23/08  | 8.87                    | 3.54                     | 0.00                    | 5.33                             | -1.06                         | --                   | 59000                   | 1600              | 130               | 1800                    | 4100                    | --                     | 25                     |          |
| 09/19/08  | 8.87                    | 4.06                     | 0.00                    | 4.81                             | -0.52                         | --                   | 65000                   | 2000              | 230               | 2000                    | 4500                    | --                     | ND<12                  |          |
| 12/31/08  | 8.87                    | 3.45                     | 0.00                    | 5.42                             | 0.61                          | --                   | 91000                   | 2000              | 320               | 5300                    | 13000                   | --                     | ND<50                  |          |
| 03/27/09  | 8.87                    | 3.09                     | 0.00                    | 5.78                             | 0.36                          | --                   | 150000                  | 1300              | 240               | 2800                    | 7200                    | --                     | ND<50                  |          |
| 05/28/09  | 8.87                    | 3.49                     | 0.00                    | 5.38                             | -0.40                         | --                   | 53000                   | 1700              | 200               | 2300                    | 5400                    | --                     | ND<50                  |          |
| 09/17/09  | 8.87                    | 3.64                     | 0.00                    | 5.23                             | -0.15                         | --                   | 77000                   | 2100              | 1400              | 2600                    | 8500                    | --                     | ND<12                  |          |
| <b>MW-7 (Screen Interval in feet: 3.0-13.0)</b> |                         |                          |                         |                                  |                               |                      |                         |                   |                   |                         |                         |                        |                        |          |
| 05/27/97  | 8.83                    | 4.50                     | 0.00                    | 4.33                             | --                            | 68                   | --                      | ND                | ND                | ND                      | ND                      | ND                     | --                     |          |
| 06/01/97  | 8.83                    | 4.54                     | 0.00                    | 4.29                             | -0.04                         | --                   | --                      | --                | --                | --                      | --                      | --                     | --                     |          |
| 07/15/97  | 8.83                    | 4.70                     | 0.00                    | 4.13                             | -0.16                         | ND                   | --                      | ND                | ND                | ND                      | ND                      | ND                     | --                     |          |

**Table 2**  
**HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS**  
**February 1992 Through September 2009**  
**76 Station 5043**

| Date Sampled          | TOC Elevation<br>(feet) | Depth to Water<br>(feet) | LPH Thickness<br>(feet) | Ground-water Elevation<br>(feet) | Change in Elevation<br>(feet) | TPH-G 8015<br>(µg/l) | TPH-G (GC/MS)<br>(µg/l) | Benzene<br>(µg/l) | Toluene<br>(µg/l) | Ethyl-benzene<br>(µg/l) | Total Xylenes<br>(µg/l) | MTBE (8021B)<br>(µg/l) | MTBE (8260B)<br>(µg/l) | Comments |
|-----------------------|-------------------------|--------------------------|-------------------------|----------------------------------|-------------------------------|----------------------|-------------------------|-------------------|-------------------|-------------------------|-------------------------|------------------------|------------------------|----------|
| <b>MW-7 continued</b> |                         |                          |                         |                                  |                               |                      |                         |                   |                   |                         |                         |                        |                        |          |
| 10/09/97              | 8.83                    | 4.30                     | 0.00                    | 4.53                             | 0.40                          | ND                   | --                      | ND                | ND                | ND                      | ND                      | ND                     | --                     |          |
| 01/14/98              | 8.83                    | 2.88                     | 0.00                    | 5.95                             | 1.42                          | ND                   | --                      | ND                | ND                | ND                      | ND                      | 36                     | --                     |          |
| 04/01/98              | 8.83                    | 3.13                     | 0.00                    | 5.70                             | -0.25                         | ND                   | --                      | ND                | ND                | ND                      | ND                      | ND                     | --                     |          |
| 07/15/98              | 8.83                    | 4.45                     | 0.00                    | 4.38                             | -1.32                         | ND                   | --                      | ND                | ND                | ND                      | ND                      | ND                     | --                     |          |
| 10/16/98              | 8.83                    | 3.45                     | 0.00                    | 5.38                             | 1.00                          | ND                   | --                      | ND                | ND                | ND                      | ND                      | ND                     | --                     |          |
| 01/25/99              | 8.83                    | 3.22                     | 0.00                    | 5.61                             | 0.23                          | ND                   | --                      | ND                | ND                | ND                      | ND                      | ND                     | --                     |          |
| 04/15/99              | 8.83                    | 3.11                     | 0.00                    | 5.72                             | 0.11                          | ND                   | --                      | ND                | ND                | ND                      | ND                      | ND                     | --                     |          |
| 07/14/99              | 8.83                    | 3.34                     | 0.00                    | 5.49                             | -0.23                         | ND                   | --                      | ND                | ND                | ND                      | ND                      | ND                     | --                     |          |
| 10/21/99              | 8.83                    | 3.43                     | 0.00                    | 5.40                             | -0.09                         | ND                   | --                      | ND                | ND                | ND                      | ND                      | ND                     | --                     |          |
| 01/20/00              | 8.83                    | 3.29                     | 0.00                    | 5.54                             | 0.14                          | ND                   | --                      | ND                | ND                | ND                      | ND                      | 4.2                    | --                     |          |
| 04/13/00              | 8.83                    | 3.39                     | 0.00                    | 5.44                             | -0.10                         | ND                   | --                      | ND                | ND                | ND                      | ND                      | ND                     | --                     |          |
| 07/14/00              | 8.83                    | 4.42                     | 0.00                    | 4.41                             | -1.03                         | ND                   | --                      | ND                | ND                | ND                      | ND                      | 7.83                   | --                     |          |
| 07/17/01              | 8.83                    | 5.06                     | 0.00                    | 3.77                             | -0.64                         | ND                   | --                      | ND                | ND                | ND                      | ND                      | ND                     | --                     |          |
| 10/01/01              | 8.83                    | 4.98                     | 0.00                    | 3.85                             | 0.08                          | ND<50                | --                      | ND<0.50           | ND<0.50           | ND<0.50                 | ND<0.50                 | ND<5.0                 | --                     |          |
| 01/31/02              | 8.83                    | 3.88                     | 0.00                    | 4.95                             | 1.10                          | ND<50                | --                      | ND<0.50           | ND<0.50           | ND<0.50                 | ND<0.50                 | ND<2.5                 | --                     |          |
| 04/18/02              | 8.83                    | 4.03                     | 0.00                    | 4.80                             | -0.15                         | ND<50                | --                      | ND<0.50           | ND<0.50           | ND<0.50                 | ND<0.50                 | 5.7                    | --                     |          |
| 07/28/02              | 8.83                    | 3.59                     | 0.00                    | 5.24                             | 0.44                          | --                   | ND<50                   | ND<0.50           | ND<0.50           | ND<0.50                 | ND<1.0                  | --                     | 3.9                    |          |
| 10/09/02              | 8.83                    | 4.53                     | 0.00                    | 4.30                             | -0.94                         | --                   | ND<50                   | ND<0.50           | ND<0.50           | ND<0.50                 | ND<1.0                  | --                     | 3.9                    |          |
| 01/03/03              | 8.83                    | 3.36                     | 0.00                    | 5.47                             | 1.17                          | --                   | ND<50                   | ND<0.50           | ND<0.50           | ND<0.50                 | ND<1.0                  | --                     | ND<2.0                 |          |
| 04/01/03              | 8.83                    | 3.94                     | 0.00                    | 4.89                             | -0.58                         | --                   | 71                      | ND<0.50           | ND<0.50           | 0.71                    | ND<1.0                  | --                     | 3.4                    |          |
| 07/01/03              | 8.83                    | 4.60                     | 0.00                    | 4.23                             | -0.66                         | --                   | 64                      | ND<0.50           | ND<0.50           | 0.77                    | 2.0                     | --                     | 35                     |          |
| 10/02/03              | 8.83                    | 5.46                     | 0.00                    | 3.37                             | -0.86                         | --                   | ND<50                   | ND<0.50           | ND<0.50           | ND<0.50                 | ND<1.0                  | --                     | 4.9                    |          |
| 01/09/04              | 8.83                    | 3.55                     | 0.00                    | 5.28                             | 1.91                          | --                   | 54                      | ND<0.50           | ND<0.50           | ND<0.50                 | ND<1.0                  | --                     | 2.4                    |          |

**Table 2**  
**HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS**  
**February 1992 Through September 2009**  
**76 Station 5043**

| Date Sampled          | TOC Elevation<br>(feet) | Depth to Water<br>(feet) | LPH Thickness<br>(feet) | Ground-water Elevation<br>(feet) | Change in Elevation<br>(feet) | TPH-G 8015<br>(µg/l) | TPH-G (GC/MS)<br>(µg/l) | Benzene<br>(µg/l) | Toluene<br>(µg/l) | Ethyl-benzene<br>(µg/l) | Total Xylenes<br>(µg/l) | MTBE (8021B)<br>(µg/l) | MTBE (8260B)<br>(µg/l) | Comments               |
|-----------------------|-------------------------|--------------------------|-------------------------|----------------------------------|-------------------------------|----------------------|-------------------------|-------------------|-------------------|-------------------------|-------------------------|------------------------|------------------------|------------------------|
| <b>MW-7 continued</b> |                         |                          |                         |                                  |                               |                      |                         |                   |                   |                         |                         |                        |                        |                        |
| 04/26/04              | 8.83                    | 4.49                     | 0.00                    | 4.34                             | -0.94                         | --                   | ND<50                   | ND<0.50           | ND<0.50           | ND<0.50                 | 1.5                     | --                     | 2.3                    |                        |
| 07/22/04              | 8.83                    | 4.93                     | 0.00                    | 3.90                             | -0.44                         | --                   | 82                      | 0.90              | 2.0               | 3.5                     | 9.9                     | --                     | 1.4                    |                        |
| 10/29/04              | 8.83                    | 3.71                     | 0.00                    | 5.12                             | 1.22                          | --                   | 210                     | 0.67              | 1.6               | 1.7                     | 5.8                     | --                     | ND<0.50                |                        |
| 01/10/05              | 8.83                    | 2.77                     | 0.00                    | 6.06                             | 0.94                          | --                   | 74                      | 0.51              | 2.2               | 1.7                     | 7.0                     | --                     | ND<0.50                |                        |
| 06/15/05              | 8.83                    | 3.40                     | 0.00                    | 5.43                             | -0.63                         | --                   | ND<50                   | ND<0.50           | ND<0.50           | ND<0.50                 | ND<1.0                  | --                     | 0.88                   |                        |
| 09/27/05              | 8.83                    | 3.44                     | 0.00                    | 5.39                             | -0.04                         | --                   | ND<50                   | 0.59              | 1.2               | ND<0.50                 | ND<1.0                  | --                     | 0.96                   |                        |
| 12/13/05              | 8.83                    | 3.98                     | 0.00                    | 4.85                             | -0.54                         | --                   | ND<50                   | ND<0.50           | ND<0.50           | ND<0.50                 | ND<1.0                  | --                     | 0.65                   |                        |
| 03/23/06              | 8.83                    | 3.37                     | 0.00                    | 5.46                             | 0.61                          | --                   | ND<50                   | ND<0.50           | ND<0.50           | ND<0.50                 | ND<1.0                  | --                     | ND<0.50                |                        |
| 06/23/06              | 8.83                    | 5.25                     | 0.00                    | 3.58                             | -1.88                         | --                   | ND<50                   | ND<0.50           | ND<0.50           | ND<0.50                 | ND<1.0                  | --                     | ND<0.50                |                        |
| 09/26/06              | 8.83                    | 4.13                     | 0.00                    | 4.70                             | 1.12                          | --                   | ND<50                   | ND<0.50           | ND<0.50           | ND<0.50                 | ND<0.50                 | --                     | 0.77                   |                        |
| 12/22/06              | 8.83                    | 3.63                     | 0.00                    | 5.20                             | 0.50                          | --                   | ND<50                   | ND<0.50           | ND<0.50           | ND<0.50                 | ND<0.50                 | --                     | ND<0.50                |                        |
| 03/30/07              | 8.83                    | 4.31                     | 0.00                    | 4.52                             | -0.68                         | --                   | ND<50                   | ND<0.50           | ND<0.50           | ND<0.50                 | ND<0.50                 | --                     | ND<0.50                |                        |
| 06/28/07              | 8.83                    | 4.62                     | 0.00                    | 4.21                             | -0.31                         | --                   | ND<50                   | ND<0.50           | ND<0.50           | ND<0.50                 | ND<0.50                 | --                     | 0.54                   |                        |
| 09/25/07              | 8.83                    | 4.65                     | 0.00                    | 4.18                             | -0.03                         | --                   | ND<50                   | ND<0.50           | ND<0.50           | ND<0.50                 | ND<0.50                 | --                     | ND<0.50                |                        |
| 12/28/07              | 8.83                    | 3.99                     | 0.00                    | 4.84                             | 0.66                          | --                   | ND<50                   | ND<0.50           | ND<0.50           | ND<0.50                 | ND<1.0                  | --                     | ND<0.50                |                        |
| 03/22/08              | 8.83                    | 4.08                     | 0.00                    | 4.75                             | -0.09                         | --                   | ND<50                   | ND<0.50           | ND<0.50           | ND<0.50                 | ND<1.0                  | --                     | ND<0.50                |                        |
| 06/23/08              | 8.83                    | 4.10                     | 0.00                    | 4.73                             | -0.02                         | --                   | ND<50                   | ND<0.50           | ND<0.50           | ND<0.50                 | ND<1.0                  | --                     | ND<0.50                |                        |
| 09/19/08              | 8.83                    | 4.86                     | 0.00                    | 3.97                             | -0.76                         | --                   | ND<50                   | ND<0.50           | ND<0.50           | ND<0.50                 | ND<1.0                  | --                     | ND<0.50                |                        |
| 12/31/08              | 8.83                    | 4.17                     | 0.00                    | 4.66                             | 0.69                          | --                   | ND<50                   | ND<0.50           | ND<0.50           | ND<0.50                 | ND<1.0                  | --                     | ND<0.50                |                        |
| 03/27/09              | 8.83                    | 4.00                     | 0.00                    | 4.83                             | 0.17                          | --                   | ND<50                   | ND<0.50           | ND<0.50           | ND<0.50                 | ND<1.0                  | --                     | ND<0.50                |                        |
| 05/28/09              | 8.83                    | 4.71                     | 0.00                    | 4.12                             | -0.71                         | --                   | ND<50                   | ND<0.50           | ND<0.50           | ND<0.50                 | ND<1.0                  | --                     | ND<0.50                |                        |
| 09/17/09              | 8.83                    | 4.87                     | 0.00                    | 3.96                             | -0.16                         | --                   | --                      | --                | --                | --                      | --                      | --                     | --                     | Sampled Q2 and Q4 only |

MW-8

(Screen Interval in feet: 3.0-15.0)

**Table 2**  
**HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS**  
**February 1992 Through September 2009**  
**76 Station 5043**

| Date Sampled          | TOC Elevation (feet) | Depth to Water (feet) | LPH Thickness (feet) | Ground-water Elevation (feet) | Change in Elevation (feet) | TPH-G 8015 (µg/l) | TPH-G (GC/MS) (µg/l) | Benzene (µg/l) | Toluene (µg/l) | Ethyl-benzene (µg/l) | Total Xylenes (µg/l) | MTBE (8021B) (µg/l) | MTBE (8260B) (µg/l) | Comments |
|-----------------------|----------------------|-----------------------|----------------------|-------------------------------|----------------------------|-------------------|----------------------|----------------|----------------|----------------------|----------------------|---------------------|---------------------|----------|
| <b>MW-8 continued</b> |                      |                       |                      |                               |                            |                   |                      |                |                |                      |                      |                     |                     |          |
| 05/27/97              | 8.52                 | 3.42                  | 0.00                 | 5.10                          | --                         | 310               | --                   | 0.88           | 0.67           | 15                   | 70                   | ND                  | --                  |          |
| 06/01/97              | 8.52                 | 3.46                  | 0.00                 | 5.06                          | -0.04                      | --                | --                   | --             | --             | --                   | --                   | --                  | --                  |          |
| 07/15/97              | 8.52                 | 3.49                  | 0.00                 | 5.03                          | -0.03                      | ND                | --                   | ND             | ND             | 2.7                  | 3.8                  | ND                  | --                  |          |
| 10/09/97              | 8.52                 | 3.73                  | 0.00                 | 4.79                          | -0.24                      | 590               | --                   | 1.4            | ND             | 32                   | 4.1                  | ND                  | --                  |          |
| 01/14/98              | 8.52                 | 1.92                  | 0.00                 | 6.60                          | 1.81                       | ND                | --                   | ND             | ND             | ND                   | ND                   | ND                  | --                  |          |
| 04/01/98              | 8.52                 | 2.38                  | 0.00                 | 6.14                          | -0.46                      | ND                | --                   | ND             | ND             | ND                   | ND                   | 4.7                 | --                  |          |
| 07/15/98              | 8.52                 | 3.53                  | 0.00                 | 4.99                          | -1.15                      | ND                | --                   | ND             | ND             | 0.56                 | 1.1                  | ND                  | --                  |          |
| 10/16/98              | 8.52                 | 3.04                  | 0.00                 | 5.48                          | 0.49                       | ND                | --                   | ND             | ND             | ND                   | ND                   | ND                  | --                  |          |
| 01/25/99              | 8.52                 | 2.92                  | 0.00                 | 5.60                          | 0.12                       | ND                | --                   | ND             | ND             | ND                   | ND                   | ND                  | --                  |          |
| 04/15/99              | 8.52                 | 2.40                  | 0.00                 | 6.12                          | 0.52                       | ND                | --                   | ND             | ND             | ND                   | ND                   | ND                  | --                  |          |
| 07/14/99              | 8.52                 | 3.03                  | 0.00                 | 5.49                          | -0.63                      | ND                | --                   | ND             | ND             | ND                   | ND                   | ND                  | --                  |          |
| 10/21/99              | 8.52                 | 3.11                  | 0.00                 | 5.41                          | -0.08                      | ND                | --                   | ND             | ND             | ND                   | ND                   | ND                  | --                  |          |
| 01/20/00              | 8.52                 | 3.06                  | 0.00                 | 5.46                          | 0.05                       | ND                | --                   | ND             | ND             | ND                   | ND                   | ND                  | --                  |          |
| 04/13/00              | 8.52                 | 2.84                  | 0.00                 | 5.68                          | 0.22                       | ND                | --                   | ND             | ND             | ND                   | ND                   | ND                  | --                  |          |
| 07/14/00              | 8.52                 | 3.39                  | 0.00                 | 5.13                          | -0.55                      | ND                | --                   | ND             | ND             | ND                   | ND                   | ND                  | --                  |          |
| 07/17/01              | 8.52                 | 3.46                  | 0.00                 | 5.06                          | -0.07                      | ND                | --                   | ND             | ND             | ND                   | ND                   | ND                  | --                  |          |
| 10/01/01              | 8.52                 | 3.51                  | 0.00                 | 5.01                          | -0.05                      | ND<0.50           | --                   | ND<0.50        | ND<0.50        | ND<0.50              | ND<0.50              | ND<5.0              | --                  |          |
| 01/31/02              | 8.52                 | 2.75                  | 0.00                 | 5.77                          | 0.76                       | ND<0.50           | --                   | ND<0.50        | ND<0.50        | ND<0.50              | ND<0.50              | ND<2.5              | --                  |          |
| 04/18/02              | 8.52                 | 2.98                  | 0.00                 | 5.54                          | -0.23                      | ND<0.50           | --                   | ND<0.50        | ND<0.50        | ND<0.50              | ND<0.50              | ND<2.5              | --                  |          |
| 07/28/02              | 8.52                 | 2.41                  | 0.00                 | 6.11                          | 0.57                       | --                | ND<0.50              | ND<0.50        | ND<0.50        | ND<0.50              | ND<1.0               | --                  | ND<2.0              |          |
| 10/09/02              | 8.52                 | 2.09                  | 0.00                 | 6.43                          | 0.32                       | --                | ND<0.50              | ND<0.50        | ND<0.50        | ND<0.50              | ND<1.0               | --                  | ND<2.0              |          |
| 01/02/03              | 8.52                 | 1.98                  | 0.00                 | 6.54                          | 0.11                       | --                | ND<0.50              | ND<0.50        | ND<0.50        | ND<0.50              | ND<1.0               | --                  | ND<2.0              |          |
| 04/01/03              | 8.52                 | 2.66                  | 0.00                 | 5.86                          | -0.68                      | --                | ND<0.50              | ND<0.50        | ND<0.50        | ND<0.50              | ND<1.0               | --                  | ND<2.0              |          |

**Table 2**  
**HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS**  
**February 1992 Through September 2009**  
**76 Station 5043**

| Date Sampled          | TOC Elevation<br>(feet) | Depth to Water<br>(feet) | LPH Thickness<br>(feet) | Ground-water Elevation<br>(feet) | Change in Elevation<br>(feet) | TPH-G 8015<br>(µg/l) | TPH-G (GC/MS)<br>(µg/l) | Benzene<br>(µg/l) | Toluene<br>(µg/l) | Ethyl-benzene<br>(µg/l) | Total Xylenes<br>(µg/l) | MTBE (8021B)<br>(µg/l) | MTBE (8260B)<br>(µg/l) | Comments |
|-----------------------|-------------------------|--------------------------|-------------------------|----------------------------------|-------------------------------|----------------------|-------------------------|-------------------|-------------------|-------------------------|-------------------------|------------------------|------------------------|----------|
| <b>MW-8 continued</b> |                         |                          |                         |                                  |                               |                      |                         |                   |                   |                         |                         |                        |                        |          |
| 07/01/03              | 8.52                    | 3.08                     | 0.00                    | 5.44                             | -0.42                         | --                   | ND<50                   | ND<0.50           | ND<0.50           | ND<0.50                 | ND<1.0                  | --                     | ND<2.0                 |          |
| 10/02/03              | 8.52                    | 3.89                     | 0.00                    | 4.63                             | -0.81                         | --                   | 540                     | 3.9               | 15                | 29                      | 80                      | --                     | ND<2.0                 |          |
| 01/09/04              | 8.52                    | 2.38                     | 0.00                    | 6.14                             | 1.51                          | --                   | ND<50                   | ND<0.50           | ND<0.50           | ND<0.50                 | ND<1.0                  | --                     | ND<2.0                 |          |
| 04/26/04              | 8.52                    | 2.89                     | 0.00                    | 5.63                             | -0.51                         | --                   | ND<50                   | ND<0.50           | ND<0.50           | ND<0.50                 | ND<1.0                  | --                     | ND<0.50                |          |
| 07/22/04              | 8.52                    | 3.25                     | 0.00                    | 5.27                             | -0.36                         | --                   | ND<50                   | ND<0.5            | ND<0.5            | ND<0.5                  | ND<1                    | --                     | ND<0.5                 |          |
| 10/29/04              | 8.52                    | 3.06                     | 0.00                    | 5.46                             | 0.19                          | --                   | ND<50                   | ND<0.50           | ND<0.50           | 0.82                    | 2.5                     | --                     | ND<0.50                |          |
| 01/10/05              | 8.52                    | 1.92                     | 0.00                    | 6.60                             | 1.14                          | --                   | 58                      | ND<0.50           | 0.61              | 1.2                     | 4.0                     | --                     | ND<0.50                |          |
| 06/15/05              | 8.52                    | 2.22                     | 0.00                    | 6.30                             | -0.30                         | --                   | ND<50                   | ND<0.50           | ND<0.50           | ND<0.50                 | ND<1.0                  | --                     | ND<0.50                |          |
| 09/27/05              | 8.52                    | 2.43                     | 0.00                    | 6.09                             | -0.21                         | --                   | ND<50                   | ND<0.50           | ND<0.50           | 1.2                     | ND<1.0                  | --                     | ND<0.50                |          |
| 12/13/05              | 8.52                    | 2.89                     | 0.00                    | 5.63                             | -0.46                         | --                   | ND<50                   | ND<0.50           | ND<0.50           | ND<0.50                 | ND<1.0                  | --                     | ND<0.50                |          |
| 03/23/06              | 8.52                    | 2.12                     | 0.00                    | 6.40                             | 0.77                          | --                   | ND<50                   | ND<0.50           | ND<0.50           | ND<0.50                 | ND<1.0                  | --                     | ND<0.50                |          |
| 06/23/06              | 8.52                    | 2.65                     | 0.00                    | 5.87                             | -0.53                         | --                   | ND<50                   | ND<0.50           | ND<0.50           | ND<0.50                 | ND<1.0                  | --                     | ND<0.50                |          |
| 09/26/06              | 8.52                    | 2.75                     | 0.00                    | 5.77                             | -0.10                         | --                   | ND<50                   | ND<0.50           | ND<0.50           | ND<0.50                 | ND<0.50                 | --                     | ND<0.50                |          |
| 12/22/06              | 8.52                    | 2.58                     | 0.00                    | 5.94                             | 0.17                          | --                   | ND<50                   | ND<0.50           | ND<0.50           | ND<0.50                 | ND<0.50                 | --                     | ND<0.50                |          |
| 03/30/07              | 8.52                    | 2.74                     | 0.00                    | 5.78                             | -0.16                         | --                   | ND<50                   | ND<0.50           | ND<0.50           | ND<0.50                 | ND<0.50                 | --                     | ND<0.50                |          |
| 06/28/07              | 8.52                    | 2.90                     | 0.00                    | 5.62                             | -0.16                         | --                   | ND<50                   | ND<0.50           | ND<0.50           | ND<0.50                 | ND<0.50                 | --                     | ND<0.50                |          |
| 09/25/07              | 8.52                    | 3.26                     | 0.00                    | 5.26                             | -0.36                         | --                   | ND<50                   | ND<0.50           | ND<0.50           | ND<0.50                 | ND<0.50                 | --                     | ND<0.50                |          |
| 12/28/07              | 8.52                    | 2.64                     | 0.00                    | 5.88                             | 0.62                          | --                   | ND<50                   | ND<0.50           | ND<0.50           | ND<0.50                 | ND<1.0                  | --                     | ND<0.50                |          |
| 03/22/08              | 8.52                    | 2.31                     | 0.00                    | 6.21                             | 0.33                          | --                   | ND<50                   | ND<0.50           | ND<0.50           | ND<0.50                 | ND<1.0                  | --                     | ND<0.50                |          |
| 06/23/08              | 8.52                    | 3.13                     | 0.00                    | 5.39                             | -0.82                         | --                   | ND<50                   | ND<0.50           | ND<0.50           | ND<0.50                 | ND<1.0                  | --                     | ND<0.50                |          |
| 09/19/08              | 8.52                    | 3.72                     | 0.00                    | 4.80                             | -0.59                         | --                   | ND<50                   | ND<0.50           | ND<0.50           | ND<0.50                 | ND<1.0                  | --                     | ND<0.50                |          |
| 12/31/08              | 8.52                    | 2.98                     | 0.00                    | 5.54                             | 0.74                          | --                   | ND<50                   | ND<0.50           | ND<0.50           | ND<0.50                 | ND<1.0                  | --                     | ND<0.50                |          |
| 03/27/09              | 8.52                    | 2.49                     | 0.00                    | 6.03                             | 0.49                          | --                   | ND<50                   | ND<0.50           | ND<0.50           | ND<0.50                 | ND<1.0                  | --                     | ND<0.50                |          |

**Table 2**  
**HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS**  
**February 1992 Through September 2009**  
**76 Station 5043**

| Date Sampled                                    | TOC Elevation (feet) | Depth to Water (feet) | LPH Thickness (feet) | Ground-water Elevation (feet) | Change in Elevation (feet) | TPH-G 8015 (µg/l) | TPH-G (GC/MS) (µg/l) | Benzene (µg/l) | Toluene (µg/l) | Ethyl-benzene (µg/l) | Total Xylenes (µg/l) | MTBE (8021B) (µg/l) | MTBE (8260B) (µg/l) | Comments               |
|---|----------------------|-----------------------|----------------------|-------------------------------|----------------------------|-------------------|----------------------|----------------|----------------|----------------------|----------------------|---------------------|---------------------|------------------------|
| <b>MW-8 continued</b>                           |                      |                       |                      |                               |                            |                   |                      |                |                |                      |                      |                     |                     |                        |
| 05/28/09  | 8.52                 | 3.12                  | 0.00                 | 5.40                          | -0.63                      | --                | ND<50                | ND<0.50        | ND<0.50        | ND<0.50              | ND<1.0               | --                  | ND<0.50             |                        |
| 09/17/09  | 8.52                 | 3.63                  | 0.00                 | 4.89                          | -0.51                      | --                | --                   | --             | --             | --                   | --                   | --                  | --                  | Sampled Q2 and Q4 only |
| <b>MW-9 (Screen Interval in feet: 3.0-13.0)</b> |                      |                       |                      |                               |                            |                   |                      |                |                |                      |                      |                     |                     |                        |
| 02/21/95  | 8.29                 | 1.98                  | 0.00                 | 6.31                          | --                         | 70                | --                   | ND             | ND             | ND                   | ND                   | --                  | --                  |                        |
| 05/18/95  | 8.29                 | 3.47                  | 0.00                 | 4.82                          | -1.49                      | 52                | --                   | ND             | 1.1            | ND                   | 1.9                  | --                  | --                  |                        |
| 08/17/95  | 8.29                 | 1.49                  | 0.00                 | 6.80                          | 1.98                       | ND                | --                   | ND             | ND             | ND                   | ND                   | --                  | --                  |                        |
| 07/26/96  | 8.29                 | 0.28                  | 0.00                 | 8.01                          | 1.21                       | ND                | --                   | ND             | ND             | ND                   | ND                   | ND                  | --                  |                        |
| 10/28/96  | 8.29                 | 1.15                  | 0.00                 | 7.14                          | -0.87                      | ND                | --                   | ND             | ND             | ND                   | ND                   | 7.6                 | --                  |                        |
| 01/29/97  | 8.29                 | 1.05                  | 0.00                 | 7.24                          | 0.10                       | ND                | --                   | ND             | ND             | ND                   | ND                   | 5.4                 | --                  |                        |
| 04/15/97  | 8.29                 | 1.88                  | 0.00                 | 6.41                          | -0.83                      | ND                | --                   | ND             | ND             | ND                   | ND                   | 5.4                 | --                  |                        |
| 05/27/97  | 8.29                 | 1.05                  | 0.00                 | 7.24                          | 0.83                       | --                | --                   | --             | --             | --                   | --                   | --                  | --                  |                        |
| 07/15/97  | 8.29                 | 1.90                  | 0.00                 | 6.39                          | -0.85                      | ND                | --                   | ND             | ND             | ND                   | ND                   | ND                  | --                  |                        |
| 10/09/97  | 8.29                 | 1.76                  | 0.00                 | 6.53                          | 0.14                       | ND                | --                   | ND             | ND             | ND                   | ND                   | ND                  | --                  |                        |
| 01/14/98  | 8.29                 | 1.26                  | 0.00                 | 7.03                          | 0.50                       | ND                | --                   | ND             | ND             | ND                   | ND                   | 3.0                 | --                  |                        |
| 04/01/98  | 8.29                 | 0.85                  | 0.00                 | 7.44                          | 0.41                       | ND                | --                   | ND             | ND             | ND                   | ND                   | ND                  | --                  |                        |
| 07/15/98  | 8.29                 | 1.52                  | 0.00                 | 6.77                          | -0.67                      | ND                | --                   | ND             | ND             | ND                   | ND                   | ND                  | --                  |                        |
| 10/16/98  | 8.29                 | 0.81                  | 0.00                 | 7.48                          | 0.71                       | ND                | --                   | ND             | ND             | ND                   | ND                   | ND                  | --                  |                        |
| 01/25/99  | 8.29                 | 0.92                  | 0.00                 | 7.37                          | -0.11                      | ND                | --                   | ND             | ND             | ND                   | ND                   | ND                  | --                  |                        |
| 04/15/99  | 8.29                 | 0.90                  | 0.00                 | 7.39                          | 0.02                       | 75                | --                   | 21             | ND             | ND                   | 1.1                  | 680                 | --                  |                        |
| 07/14/99  | 8.29                 | 1.04                  | 0.00                 | 7.25                          | -0.14                      | ND                | --                   | 1.9            | ND             | ND                   | ND                   | 260                 | --                  |                        |
| 10/21/99  | 8.29                 | 1.23                  | 0.00                 | 7.06                          | -0.19                      | ND                | --                   | ND             | ND             | ND                   | ND                   | 170                 | --                  |                        |
| 01/20/00  | 8.29                 | 1.18                  | 0.00                 | 7.11                          | 0.05                       | ND                | --                   | 1.1            | ND             | ND                   | ND                   | 35                  | --                  |                        |
| 04/13/00  | 8.29                 | 1.08                  | 0.00                 | 7.21                          | 0.10                       | 160               | --                   | 0.64           | ND             | ND                   | ND                   | 53                  | --                  |                        |

**Table 2**  
**HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS**  
**February 1992 Through September 2009**  
**76 Station 5043**

| Date Sampled          | TOC Elevation<br>(feet) | Depth to Water<br>(feet) | LPH Thickness<br>(feet) | Ground-water Elevation<br>(feet) | Change in Elevation<br>(feet) | TPH-G 8015<br>(µg/l) | TPH-G (GC/MS)<br>(µg/l) | Benzene<br>(µg/l) | Toluene<br>(µg/l) | Ethyl-benzene<br>(µg/l) | Total Xylenes<br>(µg/l) | MTBE (8021B)<br>(µg/l) | MTBE (8260B)<br>(µg/l) | Comments |
|-----------------------|-------------------------|--------------------------|-------------------------|----------------------------------|-------------------------------|----------------------|-------------------------|-------------------|-------------------|-------------------------|-------------------------|------------------------|------------------------|----------|
| <b>MW-9 continued</b> |                         |                          |                         |                                  |                               |                      |                         |                   |                   |                         |                         |                        |                        |          |
| 07/14/00              | 8.29                    | 1.43                     | 0.00                    | 6.86                             | -0.35                         | ND                   | --                      | ND                | ND                | ND                      | ND                      | 20.2                   | --                     |          |
| 10/26/00              | 8.29                    | 1.38                     | 0.00                    | 6.91                             | 0.05                          | 240                  | --                      | 2.9               | ND                | ND                      | ND                      | 56                     | --                     |          |
| 01/03/01              | 8.29                    | 1.66                     | 0.00                    | 6.63                             | -0.28                         | 166                  | --                      | 0.763             | 0.776             | ND                      | 1.28                    | 50.2                   | --                     |          |
| 04/04/01              | 8.29                    | 1.27                     | 0.00                    | 7.02                             | 0.39                          | 296                  | --                      | 0.738             | ND                | ND                      | 0.907                   | 135                    | --                     |          |
| 07/17/01              | 8.29                    | 1.38                     | 0.00                    | 6.91                             | -0.11                         | ND                   | --                      | ND                | ND                | ND                      | ND                      | 13                     | --                     |          |
| 10/01/01              | 8.29                    | 1.93                     | 0.00                    | 6.36                             | -0.55                         | 51                   | --                      | ND<0.50           | ND<0.50           | ND<0.50                 | ND<0.50                 | 5.0                    | --                     |          |
| 01/31/02              | 8.29                    | 2.08                     | 0.00                    | 6.21                             | -0.15                         | ND<50                | --                      | ND<0.50           | ND<0.50           | ND<0.50                 | ND<0.50                 | 5.8                    | --                     |          |
| 04/18/02              | 8.29                    | 1.76                     | 0.00                    | 6.53                             | 0.32                          | ND<50                | --                      | ND<0.50           | ND<0.50           | ND<0.50                 | ND<0.50                 | 5.1                    | --                     |          |
| 07/28/02              | 8.29                    | 1.57                     | 0.00                    | 6.72                             | 0.19                          | --                   | ND<50                   | ND<0.50           | ND<0.50           | ND<0.50                 | ND<1.0                  | --                     | 3.5                    |          |
| 10/09/02              | 8.29                    | 1.45                     | 0.00                    | 6.84                             | 0.12                          | --                   | ND<50                   | ND<0.50           | ND<0.50           | ND<0.50                 | ND<1.0                  | --                     | 17                     |          |
| 01/02/03              | 8.29                    | 1.18                     | 0.00                    | 7.11                             | 0.27                          | --                   | ND<50                   | ND<0.50           | ND<0.50           | ND<0.50                 | ND<1.0                  | --                     | 8.6                    |          |
| 04/01/03              | 8.29                    | 2.04                     | 0.00                    | 6.25                             | -0.86                         | --                   | ND<50                   | ND<0.50           | ND<0.50           | ND<0.50                 | ND<1.0                  | --                     | 9.4                    |          |
| 07/01/03              | 8.29                    | 2.80                     | 0.00                    | 5.49                             | -0.76                         | --                   | ND<50                   | ND<0.50           | ND<0.50           | ND<0.50                 | ND<1.0                  | --                     | 3.2                    |          |
| 10/02/03              | 8.29                    | 2.70                     | 0.00                    | 5.59                             | 0.10                          | --                   | ND<50                   | ND<0.50           | ND<0.50           | ND<0.50                 | ND<1.0                  | --                     | ND<2.0                 |          |
| 01/09/04              | 8.29                    | 1.90                     | 0.00                    | 6.39                             | 0.80                          | --                   | 74                      | ND<0.50           | 0.98              | 2.3                     | 6.2                     | --                     | ND<2.0                 |          |
| 04/26/04              | 8.29                    | 1.62                     | 0.00                    | 6.67                             | 0.28                          | --                   | 51                      | ND<0.50           | ND<0.50           | ND<0.50                 | ND<1.0                  | --                     | 0.51                   |          |
| 07/22/04              | 8.29                    | 1.88                     | 0.00                    | 6.41                             | -0.26                         | --                   | ND<50                   | ND<0.5            | ND<0.5            | ND<0.5                  | ND<1                    | --                     | 0.78                   |          |
| 10/29/04              | 8.29                    | 1.28                     | 0.00                    | 7.01                             | 0.60                          | --                   | ND<50                   | ND<0.50           | ND<0.50           | ND<0.50                 | 1.0                     | --                     | ND<0.50                |          |
| 01/10/05              | 8.29                    | 0.07                     | 0.00                    | 8.22                             | 1.21                          | --                   | 93                      | 0.60              | 2.3               | 2.4                     | 9.0                     | --                     | ND<0.50                |          |
| 06/15/05              | 8.29                    | 1.70                     | 0.00                    | 6.59                             | -1.63                         | --                   | ND<50                   | ND<0.50           | ND<0.50           | ND<0.50                 | ND<1.0                  | --                     | 6.6                    |          |
| 09/27/05              | 8.29                    | 1.98                     | 0.00                    | 6.31                             | -0.28                         | --                   | ND<50                   | ND<0.50           | 0.73              | ND<0.50                 | ND<1.0                  | --                     | 2.3                    |          |
| 12/13/05              | 8.29                    | 2.26                     | 0.00                    | 6.03                             | -0.28                         | --                   | ND<50                   | ND<0.50           | ND<0.50           | ND<0.50                 | ND<1.0                  | --                     | 2.9                    |          |
| 03/23/06              | 8.29                    | 1.32                     | 0.00                    | 6.97                             | 0.94                          | --                   | ND<50                   | ND<0.50           | ND<0.50           | ND<0.50                 | ND<1.0                  | --                     | 2.7                    |          |

**Table 2**  
**HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS**  
**February 1992 Through September 2009**  
**76 Station 5043**

| Date Sampled                                     | TOC Elevation (feet) | Depth to Water (feet) | LPH Thickness (feet) | Ground-water Elevation (feet) | Change in Elevation (feet) | TPH-G 8015 (µg/l) | TPH-G (GC/MS) (µg/l) | Benzene (µg/l) | Toluene (µg/l) | Ethyl-benzene (µg/l) | Total Xylenes (µg/l) | MTBE (8021B) (µg/l) | MTBE (8260B) (µg/l) | Comments               |
|--|----------------------|-----------------------|----------------------|-------------------------------|----------------------------|-------------------|----------------------|----------------|----------------|----------------------|----------------------|---------------------|---------------------|------------------------|
| <b>MW-9 continued</b>                            |                      |                       |                      |                               |                            |                   |                      |                |                |                      |                      |                     |                     |                        |
| 06/23/06   | 8.29                 | 1.98                  | 0.00                 | 6.31                          | -0.66                      | --                | ND<50                | ND<0.50        | ND<0.50        | ND<0.50              | ND<1.0               | --                  | 1.9                 |                        |
| 09/26/06   | 8.29                 | 2.52                  | 0.00                 | 5.77                          | -0.54                      | --                | ND<50                | ND<0.50        | ND<0.50        | ND<0.50              | ND<0.50              | --                  | ND<0.50             |                        |
| 12/22/06   | 8.29                 | 1.98                  | 0.00                 | 6.31                          | 0.54                       | --                | ND<50                | ND<0.50        | 0.57           | 1.8                  | 4.6                  | --                  | 1.6                 |                        |
| 03/30/07   | 8.29                 | 2.01                  | 0.00                 | 6.28                          | -0.03                      | --                | ND<50                | ND<0.50        | ND<0.50        | ND<0.50              | ND<0.50              | --                  | 3.4                 |                        |
| 06/28/07   | 8.29                 | 1.90                  | 0.00                 | 6.39                          | 0.11                       | --                | ND<50                | ND<0.50        | ND<0.50        | ND<0.50              | ND<0.50              | --                  | 4.9                 |                        |
| 09/25/07   | 8.29                 | 1.57                  | 0.00                 | 6.72                          | 0.33                       | --                | ND<50                | ND<0.50        | ND<0.50        | ND<0.50              | ND<0.50              | --                  | ND<0.50             |                        |
| 12/28/07   | 8.29                 | 1.98                  | 0.00                 | 6.31                          | -0.41                      | --                | ND<50                | ND<0.50        | ND<0.50        | ND<0.50              | ND<1.0               | --                  | ND<0.50             |                        |
| 03/22/08   | 8.29                 | 0.80                  | 0.00                 | 7.49                          | 1.18                       | --                | ND<50                | ND<0.50        | ND<0.50        | ND<0.50              | ND<1.0               | --                  | 0.61                |                        |
| 06/23/08   | 8.29                 | 1.80                  | 0.00                 | 6.49                          | -1.00                      | --                | ND<50                | ND<0.50        | ND<0.50        | ND<0.50              | ND<1.0               | --                  | ND<0.50             |                        |
| 09/19/08   | 8.29                 | 2.43                  | 0.00                 | 5.86                          | -0.63                      | --                | ND<50                | ND<0.50        | ND<0.50        | ND<0.50              | ND<1.0               | --                  | 3.9                 |                        |
| 12/31/08   | 8.29                 | 2.66                  | 0.00                 | 5.63                          | -0.23                      | --                | ND<50                | ND<0.50        | ND<0.50        | ND<0.50              | ND<1.0               | --                  | ND<0.50             |                        |
| 03/27/09   | 8.29                 | 2.01                  | 0.00                 | 6.28                          | 0.65                       | --                | ND<50                | ND<0.50        | ND<0.50        | ND<0.50              | ND<1.0               | --                  | ND<0.50             |                        |
| 05/28/09   | 8.29                 | 2.20                  | 0.00                 | 6.09                          | -0.19                      | --                | ND<50                | ND<0.50        | ND<0.50        | ND<0.50              | ND<1.0               | --                  | ND<0.50             |                        |
| 09/17/09   | 8.29                 | 1.83                  | 0.00                 | 6.46                          | 0.37                       | --                | --                   | --             | --             | --                   | --                   | --                  | --                  | Sampled Q2 and Q4 only |
| <b>MW-10 (Screen Interval in feet: 3.0-13.0)</b> |                      |                       |                      |                               |                            |                   |                      |                |                |                      |                      |                     |                     |                        |
| 02/21/95   | 8.62                 | 4.69                  | 0.00                 | 3.93                          | --                         | 1500              | --                   | 250            | 26             | 9.1                  | 160                  | --                  | --                  |                        |
| 05/18/95   | 8.62                 | 4.92                  | 0.00                 | 3.70                          | -0.23                      | 810               | --                   | 520            | ND             | 18                   | 23                   | --                  | --                  |                        |
| 08/17/95   | 8.62                 | 4.05                  | 0.00                 | 4.57                          | 0.87                       | 67                | --                   | 25             | ND             | 2.4                  | ND                   | --                  | --                  |                        |
| 07/26/96   | 8.62                 | 4.08                  | 0.00                 | 4.54                          | -0.03                      | ND                | --                   | 3.7            | ND             | ND                   | ND                   | ND                  | --                  |                        |
| 10/28/96   | 8.62                 | 4.09                  | 0.00                 | 4.53                          | -0.01                      | ND                | --                   | 1.1            | ND             | ND                   | ND                   | ND                  | --                  |                        |
| 01/29/97   | 8.62                 | 2.94                  | 0.00                 | 5.68                          | 1.15                       | 210               | --                   | 41             | 0.67           | 7.2                  | 4.8                  | 11                  | --                  |                        |
| 04/15/97   | 8.62                 | 4.07                  | 0.00                 | 4.55                          | -1.13                      | 110               | --                   | 12             | ND             | 0.77                 | ND                   | 9.7                 | --                  |                        |
| 05/27/97   | 8.62                 | 4.40                  | 0.00                 | 4.22                          | -0.33                      | --                | --                   | --             | --             | --                   | --                   | --                  | --                  |                        |

**Table 2**  
**HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS**  
**February 1992 Through September 2009**  
**76 Station 5043**

| Date Sampled           | TOC Elevation<br>(feet) | Depth to Water<br>(feet) | LPH Thickness<br>(feet) | Ground-water Elevation<br>(feet) | Change in Elevation<br>(feet) | TPH-G 8015<br>(µg/l) | TPH-G (GC/MS)<br>(µg/l) | Benzene<br>(µg/l) | Toluene<br>(µg/l) | Ethyl-benzene<br>(µg/l) | Total Xylenes<br>(µg/l) | MTBE (8021B)<br>(µg/l) | MTBE (8260B)<br>(µg/l) | Comments |
|------------------------|-------------------------|--------------------------|-------------------------|----------------------------------|-------------------------------|----------------------|-------------------------|-------------------|-------------------|-------------------------|-------------------------|------------------------|------------------------|----------|
| <b>MW-10 continued</b> |                         |                          |                         |                                  |                               |                      |                         |                   |                   |                         |                         |                        |                        |          |
| 07/15/97               | 8.62                    | 4.19                     | 0.00                    | 4.43                             | 0.21                          | ND                   | --                      | 2.1               | ND                | 0.67                    | 0.73                    | ND                     | --                     |          |
| 10/09/97               | 8.62                    | 4.75                     | 0.00                    | 3.87                             | -0.56                         | 190                  | --                      | 38                | 0.92              | 6.6                     | 7.6                     | ND                     | --                     |          |
| 01/14/98               | 8.62                    | 2.66                     | 0.00                    | 5.96                             | 2.09                          | 59                   | --                      | 9.5               | 0.85              | 1.2                     | 1.7                     | 4.5                    | --                     |          |
| 04/01/98               | 8.62                    | 3.45                     | 0.00                    | 5.17                             | -0.79                         | 230                  | --                      | 66                | 1.7               | 12                      | 17                      | 6.4                    | --                     |          |
| 07/15/98               | 8.62                    | 4.21                     | 0.00                    | 4.41                             | -0.76                         | 290                  | --                      | 98                | 45                | 21                      | 38                      | 21                     | --                     |          |
| 10/16/98               | 8.62                    | 4.11                     | 0.00                    | 4.51                             | 0.10                          | 160                  | --                      | 44                | 0.96              | 2.5                     | 10                      | 17                     | --                     |          |
| 01/25/99               | 8.62                    | 3.26                     | 0.00                    | 5.36                             | 0.85                          | 140                  | --                      | 27                | ND                | 2.8                     | 6.8                     | 23                     | --                     |          |
| 04/15/99               | 8.62                    | 3.63                     | 0.00                    | 4.99                             | -0.37                         | 120                  | --                      | 18                | ND                | 1.8                     | 5.1                     | 14                     | --                     |          |
| 07/14/99               | 8.62                    | 3.89                     | 0.00                    | 4.73                             | -0.26                         | 280                  | --                      | 55                | 3.2               | 11                      | 31                      | 6.1                    | --                     |          |
| 10/21/99               | 8.62                    | 4.09                     | 0.00                    | 4.53                             | -0.20                         | 140                  | --                      | 22                | 0.59              | 1.7                     | 7.7                     | 5.3                    | --                     |          |
| 01/20/00               | 8.62                    | 3.92                     | 0.00                    | 4.70                             | 0.17                          | ND                   | --                      | 0.73              | 0.86              | ND                      | ND                      | 5.2                    | --                     |          |
| 04/13/00               | 8.62                    | 3.85                     | 0.00                    | 4.77                             | 0.07                          | 67                   | --                      | 54                | ND                | 2.6                     | ND                      | 3.8                    | --                     |          |
| 07/14/00               | 8.62                    | 4.18                     | 0.00                    | 4.44                             | -0.33                         | ND                   | --                      | 0.547             | ND                | ND                      | ND                      | ND                     | --                     |          |
| 10/26/00               | 8.62                    | 3.96                     | 0.00                    | 4.66                             | 0.22                          | ND                   | --                      | 3.3               | ND                | 0.83                    | 1.5                     | ND                     | --                     |          |
| 01/03/01               | 8.62                    | 4.14                     | 0.00                    | 4.48                             | -0.18                         | 52.7                 | --                      | 5.15              | ND                | 0.823                   | 1.57                    | ND                     | --                     |          |
| 04/04/01               | 8.62                    | 3.88                     | 0.00                    | 4.74                             | 0.26                          | 129                  | --                      | 28.1              | 1.67              | 4.97                    | 10.1                    | ND                     | --                     |          |
| 07/17/01               | 8.62                    | 4.08                     | 0.00                    | 4.54                             | -0.20                         | ND                   | --                      | 4.1               | ND                | 1.0                     | 1.8                     | ND                     | --                     |          |
| 10/01/01               | 8.62                    | 4.22                     | 0.00                    | 4.40                             | -0.14                         | 140                  | --                      | 30                | 0.51              | 4.0                     | 12                      | ND<5.0                 | --                     |          |
| 01/31/02               | 8.62                    | 3.68                     | 0.00                    | 4.94                             | 0.54                          | 110                  | --                      | 16                | ND<0.50           | 2.3                     | 5.6                     | ND<2.5                 | --                     |          |
| 04/18/02               | 8.62                    | 4.01                     | 0.00                    | 4.61                             | -0.33                         | ND<50                | --                      | 11                | ND<0.50           | 1.4                     | 4.5                     | ND<2.5                 | --                     |          |
| 07/28/02               | 8.62                    | 4.11                     | 0.00                    | 4.51                             | -0.10                         | --                   | 67                      | 15                | ND<0.50           | 0.94                    | 7.3                     | --                     | ND<2.0                 |          |
| 10/09/02               | 8.62                    | 3.97                     | 0.00                    | 4.65                             | 0.14                          | --                   | ND<50                   | 0.67              | ND<0.50           | ND<0.50                 | ND<1.0                  | --                     | ND<2.0                 |          |
| 01/02/03               | 8.62                    | 3.03                     | 0.00                    | 5.59                             | 0.94                          | --                   | ND<50                   | ND<0.50           | ND<0.50           | ND<0.50                 | ND<1.0                  | --                     | ND<2.0                 |          |

**Table 2**  
**HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS**  
**February 1992 Through September 2009**  
**76 Station 5043**

| Date Sampled           | TOC Elevation<br>(feet) | Depth to Water<br>(feet) | LPH Thickness<br>(feet) | Ground-water Elevation<br>(feet) | Change in Elevation<br>(feet) | TPH-G 8015<br>(µg/l) | TPH-G (GC/MS)<br>(µg/l) | Benzene<br>(µg/l) | Toluene<br>(µg/l) | Ethyl-benzene<br>(µg/l) | Total Xylenes<br>(µg/l) | MTBE (8021B)<br>(µg/l) | MTBE (8260B)<br>(µg/l) | Comments |
|------------------------|-------------------------|--------------------------|-------------------------|----------------------------------|-------------------------------|----------------------|-------------------------|-------------------|-------------------|-------------------------|-------------------------|------------------------|------------------------|----------|
| <b>MW-10 continued</b> |                         |                          |                         |                                  |                               |                      |                         |                   |                   |                         |                         |                        |                        |          |
| 04/01/03               | 8.62                    | 3.83                     | 0.00                    | 4.79                             | -0.80                         | --                   | ND<50                   | 11                | ND<0.50           | ND<0.50                 | ND<1.0                  | --                     | ND<2.0                 |          |
| 07/01/03               | 8.62                    | 4.13                     | 0.00                    | 4.49                             | -0.30                         | --                   | ND<50                   | ND<0.50           | ND<0.50           | ND<0.50                 | ND<1.0                  | --                     | ND<2.0                 |          |
| 10/02/03               | 8.62                    | 4.05                     | 0.00                    | 4.57                             | 0.08                          | --                   | 77                      | 9.9               | 0.78              | 2.3                     | 4.9                     | --                     | ND<2.0                 |          |
| 01/09/04               | 8.62                    | 3.40                     | 0.00                    | 5.22                             | 0.65                          | --                   | 53                      | 1.2               | ND<0.50           | 0.70                    | 1.6                     | --                     | ND<2.0                 |          |
| 04/26/04               | 8.62                    | 3.89                     | 0.00                    | 4.73                             | -0.49                         | --                   | ND<50                   | 2.8               | 1.3               | 1.0                     | 2.9                     | --                     | ND<0.50                |          |
| 07/22/04               | 8.62                    | 3.73                     | 0.00                    | 4.89                             | 0.16                          | --                   | ND<50                   | ND<0.5            | ND<0.5            | ND<0.5                  | ND<1                    | --                     | ND<0.5                 |          |
| 10/29/04               | 8.62                    | 3.41                     | 0.00                    | 5.21                             | 0.32                          | --                   | 100                     | 2.0               | 1.2               | 1.1                     | 3.6                     | --                     | ND<0.50                |          |
| 01/10/05               | 8.62                    | 2.68                     | 0.00                    | 5.94                             | 0.73                          | --                   | 84                      | 7.8               | 2.7               | 2.2                     | 8.9                     | --                     | ND<0.50                |          |
| 06/15/05               | 8.62                    | 4.63                     | 0.00                    | 3.99                             | -1.95                         | --                   | ND<50                   | ND<0.50           | ND<0.50           | ND<0.50                 | ND<1.0                  | --                     | ND<0.50                |          |
| 09/27/05               | 8.62                    | 3.96                     | 0.00                    | 4.66                             | 0.67                          | --                   | ND<50                   | ND<0.50           | ND<0.50           | ND<0.50                 | ND<1.0                  | --                     | ND<0.50                |          |
| 12/13/05               | 8.62                    | 3.75                     | 0.00                    | 4.87                             | 0.21                          | --                   | ND<50                   | ND<0.50           | ND<0.50           | ND<0.50                 | ND<1.0                  | --                     | ND<0.50                |          |
| 03/23/06               | 8.62                    | 3.13                     | 0.00                    | 5.49                             | 0.62                          | --                   | 50                      | 13                | ND<0.50           | ND<0.50                 | ND<1.0                  | --                     | ND<0.50                |          |
| 06/23/06               | 8.62                    | 3.90                     | 0.00                    | 4.72                             | -0.77                         | --                   | ND<50                   | ND<0.50           | ND<0.50           | ND<0.50                 | ND<1.0                  | --                     | ND<0.50                |          |
| 09/26/06               | 8.62                    | 3.66                     | 0.00                    | 4.96                             | 0.24                          | --                   | ND<50                   | ND<0.50           | ND<0.50           | ND<0.50                 | ND<0.50                 | --                     | ND<0.50                |          |
| 12/22/06               | 8.62                    | 3.56                     | 0.00                    | 5.06                             | 0.10                          | --                   | ND<50                   | ND<0.50           | ND<0.50           | ND<0.50                 | 1.8                     | --                     | ND<0.50                |          |
| 03/30/07               | 8.62                    | 3.93                     | 0.00                    | 4.69                             | -0.37                         | --                   | ND<50                   | ND<0.50           | ND<0.50           | ND<0.50                 | ND<0.50                 | --                     | ND<0.50                |          |
| 06/28/07               | 8.62                    | 4.03                     | 0.00                    | 4.59                             | -0.10                         | --                   | ND<50                   | ND<0.50           | ND<0.50           | ND<0.50                 | ND<0.50                 | --                     | ND<0.50                |          |
| 09/25/07               | 8.62                    | 3.91                     | 0.00                    | 4.71                             | 0.12                          | --                   | ND<50                   | ND<0.50           | ND<0.50           | ND<0.50                 | ND<0.50                 | --                     | ND<0.50                |          |
| 12/28/07               | 8.62                    | 3.64                     | 0.00                    | 4.98                             | 0.27                          | --                   | ND<50                   | 2.1               | ND<0.50           | ND<0.50                 | ND<1.0                  | --                     | ND<0.50                |          |
| 03/22/08               | 8.62                    | 4.00                     | 0.00                    | 4.62                             | -0.36                         | --                   | 64                      | 13                | ND<0.50           | ND<0.50                 | ND<1.0                  | --                     | ND<0.50                |          |
| 06/23/08               | 8.62                    | 3.90                     | 0.00                    | 4.72                             | 0.10                          | --                   | 94                      | 30                | 0.53              | 3.4                     | 3.5                     | --                     | ND<0.50                |          |
| 09/19/08               | 8.62                    | 3.85                     | 0.00                    | 4.77                             | 0.05                          | --                   | 130                     | 15                | 1.7               | 5.7                     | 11                      | --                     | ND<0.50                |          |
| 12/31/08               | 8.62                    | 3.69                     | 0.00                    | 4.93                             | 0.16                          | --                   | 82                      | 11                | ND<0.50           | 0.81                    | 1.7                     | --                     | ND<0.50                |          |

**Table 2**  
**HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS**  
**February 1992 Through September 2009**  
**76 Station 5043**

| Date Sampled           | TOC Elevation<br>(feet) | Depth to Water<br>(feet) | LPH Thickness<br>(feet) | Ground-water Elevation<br>(feet) | Change in Elevation<br>(feet) | TPH-G 8015<br>(µg/l) | TPH-G (GC/MS)<br>(µg/l) | Benzene<br>(µg/l) | Toluene<br>(µg/l) | Ethyl-benzene<br>(µg/l) | Total Xylenes<br>(µg/l) | MTBE (8021B)<br>(µg/l) | MTBE (8260B)<br>(µg/l) | Comments |
|------------------------|-------------------------|--------------------------|-------------------------|----------------------------------|-------------------------------|----------------------|-------------------------|-------------------|-------------------|-------------------------|-------------------------|------------------------|------------------------|----------|
| <b>MW-10 continued</b> |                         |                          |                         |                                  |                               |                      |                         |                   |                   |                         |                         |                        |                        |          |
| 03/27/09               | 8.62                    | 3.75                     | 0.00                    | 4.87                             | -0.06                         | --                   | 210                     | 28                | 1.4               | 1.2                     | 3.9                     | --                     | ND<0.50                |          |
| 05/28/09               | 8.62                    | 3.66                     | 0.00                    | 4.96                             | 0.09                          | --                   | ND<50                   | 0.91              | ND<0.50           | ND<0.50                 | ND<1.0                  | --                     | ND<0.50                |          |
| 09/17/09               | 8.62                    | 3.85                     | 0.00                    | 4.77                             | -0.19                         | --                   | ND<50                   | ND<0.50           | ND<0.50           | ND<0.50                 | ND<1.0                  | --                     | ND<0.50                |          |

**Table 2 a**  
**ADDITIONAL HISTORIC ANALYTICAL RESULTS**  
**76 Station 5043**

| Date Sampled | TPH-D<br>(µg/l) | TBA<br>(µg/l) | Ethanol<br>(8260B)<br>(µg/l) | Ethylene-<br>dibromide<br>(EDB)<br>(µg/l) | 1,2-DCA<br>(EDC)<br>(µg/l) | DIPE<br>(µg/l) | ETBE<br>(µg/l) | TAME<br>(µg/l) | Total Oil<br>and Grease<br>(mg/l) | Iron<br>(total)<br>(µg/l) | Nitrogen<br>as<br>Nitrate<br>(mg/l) | Sulfate<br>(mg/l) |
|--------------|-----------------|---------------|------------------------------|---|----------------------------|----------------|----------------|----------------|-----------------------------------|---------------------------|-------------------------------------|-------------------|
| <b>MW-1</b>  |                 |               |                              |   |                            |                |                |                |                                   |                           |                                     |                   |
| 02/18/92     | 13000           | --            | --                           | --  | --                         | --             | --             | --             | --                                | --                        | --                                  | --                |
| 08/31/92     | 8900            | --            | --                           | --  | --                         | --             | --             | --             | --                                | --                        | --                                  | --                |
| <b>MW-2</b>  |                 |               |                              |   |                            |                |                |                |                                   |                           |                                     |                   |
| 02/18/92     | 4300            | --            | --                           | --  | --                         | --             | --             | --             | --                                | --                        | --                                  | --                |
| 05/20/92     | 4300            | --            | --                           | --  | --                         | --             | --             | --             | --                                | --                        | --                                  | --                |
| 08/31/92     | 1600            | --            | --                           | --  | --                         | --             | --             | --             | --                                | --                        | --                                  | --                |
| 11/30/92     | 5700            | --            | --                           | --  | --                         | --             | --             | --             | --                                | --                        | --                                  | --                |
| 02/04/93     | 6100            | --            | --                           | --  | --                         | --             | --             | --             | --                                | --                        | --                                  | --                |
| 05/04/93     | 7100            | --            | --                           | --  | --                         | --             | --             | --             | --                                | --                        | --                                  | --                |
| 08/04/93     | 1800            | --            | --                           | --  | --                         | --             | --             | --             | --                                | --                        | --                                  | --                |
| 11/03/93     | 2600            | --            | --                           | --  | --                         | --             | --             | --             | --                                | --                        | --                                  | --                |
| 05/19/94     | 3000            | --            | --                           | --  | --                         | --             | --             | --             | --                                | --                        | --                                  | --                |
| 08/15/94     | 2800            | --            | --                           | --  | --                         | --             | --             | --             | --                                | --                        | --                                  | --                |
| 11/14/94     | 10000           | --            | --                           | --  | --                         | --             | --             | --             | --                                | --                        | --                                  | --                |
| 02/21/95     | 2000            | --            | --                           | --  | --                         | --             | --             | --             | --                                | --                        | --                                  | --                |
| <b>MW-3</b>  |                 |               |                              |   |                            |                |                |                |                                   |                           |                                     |                   |
| 02/18/92     | ND              | --            | --                           | --  | --                         | --             | --             | --             | --                                | --                        | --                                  | --                |
| 08/31/92     | 92              | --            | --                           | --  | --                         | --             | --             | --             | --                                | --                        | --                                  | --                |
| 11/30/92     | 94              | --            | --                           | --  | --                         | --             | --             | --             | --                                | --                        | --                                  | --                |
| 02/04/93     | 550             | --            | --                           | --  | --                         | --             | --             | --             | --                                | --                        | --                                  | --                |
| 05/04/93     | 250             | --            | --                           | --  | --                         | --             | --             | --             | --                                | --                        | --                                  | --                |
| 08/04/93     | 100             | --            | --                           | --  | --                         | --             | --             | --             | --                                | --                        | --                                  | --                |
| 11/03/93     | 160             | --            | --                           | --  | --                         | --             | --             | --             | --                                | --                        | --                                  | --                |
| 02/07/94     | 620             | --            | --                           | --  | --                         | --             | --             | --             | --                                | --                        | --                                  | --                |

**Table 2 a**  
**ADDITIONAL HISTORIC ANALYTICAL RESULTS**  
**76 Station 5043**

| Date Sampled          | TPH-D<br>(µg/l) | TBA<br>(µg/l) | Ethanol<br>(8260B)<br>(µg/l) | Ethylene-<br>dibromide<br>(EDB)<br>(µg/l) | 1,2-DCA<br>(EDC)<br>(µg/l) | DIPE<br>(µg/l) | ETBE<br>(µg/l) | TAME<br>(µg/l) | Total Oil<br>and Grease<br>(mg/l) | Iron<br>(total)<br>(µg/l) | Nitrogen<br>as<br>Nitrate<br>(mg/l) | Sulfate<br>(mg/l) |
|-----------------------|-----------------|---------------|------------------------------|---|----------------------------|----------------|----------------|----------------|-----------------------------------|---------------------------|-------------------------------------|-------------------|
| <b>MW-3 continued</b> |                 |               |                              |   |                            |                |                |                |                                   |                           |                                     |                   |
| 05/19/94              | 480             | --            | --                           | --  | --                         | --             | --             | --             | --                                | --                        | --                                  | --                |
| 08/15/94              | 110             | --            | --                           | --  | --                         | --             | --             | --             | --                                | --                        | --                                  | --                |
| 11/14/94              | 150             | --            | --                           | --  | --                         | --             | --             | --             | --                                | --                        | --                                  | --                |
| 02/21/95              | 850             | --            | --                           | --  | --                         | --             | --             | --             | --                                | --                        | --                                  | --                |
| 05/18/95              | 150             | --            | --                           | --  | --                         | --             | --             | --             | --                                | --                        | --                                  | --                |
| 06/01/97              | 610             | --            | --                           | --  | --                         | --             | --             | --             | --                                | --                        | --                                  | --                |
| 07/15/97              | 240             | --            | --                           | --  | --                         | --             | --             | --             | --                                | --                        | --                                  | --                |
| 10/09/97              | 500             | --            | --                           | --  | --                         | --             | --             | --             | --                                | --                        | --                                  | --                |
| 01/14/98              | 340             | --            | --                           | --  | --                         | --             | --             | --             | --                                | --                        | --                                  | --                |
| 04/01/98              | 320             | --            | --                           | --  | --                         | --             | --             | --             | --                                | --                        | --                                  | --                |
| 07/15/98              | 510             | --            | --                           | --  | --                         | --             | --             | --             | --                                | --                        | --                                  | --                |
| 10/16/98              | 67              | --            | --                           | --  | --                         | --             | --             | --             | --                                | --                        | --                                  | --                |
| 01/25/99              | 120             | --            | --                           | --  | --                         | --             | --             | --             | --                                | --                        | --                                  | --                |
| 04/15/99              | 170             | --            | --                           | --  | --                         | --             | --             | --             | --                                | --                        | --                                  | --                |
| 07/14/99              | 420             | --            | --                           | --  | --                         | --             | --             | --             | --                                | --                        | --                                  | --                |
| 10/21/99              | 350             | --            | --                           | --  | --                         | --             | --             | --             | --                                | --                        | --                                  | --                |
| 01/20/00              | 2060            | --            | --                           | --  | --                         | --             | --             | --             | --                                | --                        | --                                  | --                |
| 04/13/00              | 200             | ND            | ND                           | ND  | ND                         | ND             | ND             | ND             | --                                | --                        | --                                  | --                |
| 07/14/00              | 423             | --            | --                           | --  | --                         | --             | --             | --             | --                                | --                        | --                                  | --                |
| 10/26/00              | 330             | --            | --                           | --  | --                         | --             | --             | --             | --                                | --                        | --                                  | --                |
| 01/03/01              | 287             | --            | --                           | --  | --                         | --             | --             | --             | --                                | --                        | --                                  | --                |
| 04/04/01              | 360             | --            | --                           | --  | --                         | --             | --             | --             | --                                | --                        | --                                  | --                |
| 07/17/01              | 270             | --            | --                           | --  | --                         | --             | --             | --             | --                                | --                        | --                                  | --                |
| 10/01/01              | 270             | --            | --                           | --  | --                         | --             | --             | --             | --                                | --                        | --                                  | --                |
| 01/31/02              | 250             | --            | --                           | --  | --                         | --             | --             | --             | --                                | --                        | --                                  | --                |

**Table 2 a**  
**ADDITIONAL HISTORIC ANALYTICAL RESULTS**  
**76 Station 5043**

| Date Sampled          | TPH-D<br>(µg/l) | TBA<br>(µg/l) | Ethanol<br>(8260B)<br>(µg/l) | Ethylene-<br>dibromide<br>(EDB)<br>(µg/l) | 1,2-DCA<br>(EDC)<br>(µg/l) | DIPE<br>(µg/l) | ETBE<br>(µg/l) | TAME<br>(µg/l) | Total Oil<br>and Grease<br>(mg/l) | Iron<br>(total)<br>(µg/l) | Nitrogen<br>as<br>Nitrate<br>(mg/l) | Sulfate<br>(mg/l) |
|-----------------------|-----------------|---------------|------------------------------|---|----------------------------|----------------|----------------|----------------|-----------------------------------|---------------------------|-------------------------------------|-------------------|
| <b>MW-3 continued</b> |                 |               |                              |   |                            |                |                |                |                                   |                           |                                     |                   |
| 04/18/02              | 320             | --            | --                           | --  | --                         | --             | --             | --             | --                                | --                        | --                                  | --                |
| 07/28/02              | 310             | --            | --                           | --  | --                         | --             | --             | --             | --                                | --                        | --                                  | --                |
| 10/09/02              | 700             | --            | --                           | --  | --                         | --             | --             | --             | --                                | --                        | --                                  | --                |
| 01/02/03              | 210             | ND<100        | ND<500                       | ND<2.0                                    | ND<2.0                     | ND<2.0         | ND<2.0         | ND<2.0         | --                                | --                        | --                                  | --                |
| 04/01/03              | 200             | --            | --                           | --  | --                         | --             | --             | --             | --                                | --                        | --                                  | --                |
| 07/01/03              | 380             | --            | ND<2500                      | --  | --                         | --             | --             | --             | --                                | --                        | --                                  | --                |
| 10/02/03              | 300             | --            | ND<2500                      | --  | --                         | --             | --             | --             | --                                | --                        | --                                  | --                |
| 01/09/04              | 200             | --            | ND<500                       | --  | --                         | --             | --             | --             | --                                | --                        | --                                  | --                |
| 04/26/04              | 160             | --            | ND<50                        | --  | --                         | --             | --             | --             | --                                | --                        | --                                  | --                |
| 07/22/04              | 330             | --            | ND<1000                      | --  | --                         | --             | --             | --             | --                                | --                        | --                                  | --                |
| 10/29/04              | 200             | --            | ND<50                        | --  | --                         | --             | --             | --             | --                                | --                        | --                                  | --                |
| 01/10/05              | 250             | --            | ND<50                        | --  | --                         | --             | --             | --             | --                                | --                        | --                                  | --                |
| 06/15/05              | 360             | --            | ND<50                        | --  | --                         | --             | --             | --             | --                                | --                        | --                                  | --                |
| 09/27/05              | ND<200          | 79            | ND<250                       | --  | --                         | ND<0.50        | ND<0.50        | ND<0.50        | --                                | --                        | --                                  | --                |
| 12/13/05              | 230             | --            | ND<250                       | --  | --                         | --             | --             | --             | --                                | --                        | --                                  | --                |
| 03/23/06              | 260             | --            | ND<250                       | --  | --                         | --             | --             | --             | --                                | --                        | --                                  | --                |
| 06/23/06              | 330             | --            | ND<250                       | --  | --                         | --             | --             | --             | --                                | --                        | --                                  | --                |
| 09/26/06              | 260             | --            | ND<250                       | --  | --                         | --             | --             | --             | --                                | --                        | --                                  | --                |
| 12/22/06              | 250             | --            | ND<250                       | --  | --                         | --             | --             | --             | --                                | --                        | --                                  | --                |
| 03/30/07              | 210             | --            | ND<250                       | --  | --                         | --             | --             | --             | --                                | --                        | --                                  | --                |
| 06/28/07              | 290             | --            | ND<250                       | --  | --                         | --             | --             | --             | --                                | --                        | --                                  | --                |
| 09/25/07              | 210             | --            | ND<250                       | --  | --                         | --             | --             | --             | --                                | --                        | --                                  | --                |
| 12/28/07              | 150             | --            | ND<250                       | --  | --                         | --             | --             | --             | --                                | --                        | --                                  | --                |
| 03/22/08              | 230             | --            | ND<250                       | --  | --                         | --             | --             | --             | --                                | --                        | --                                  | --                |
| 06/23/08              | 130             | --            | ND<250                       | --  | --                         | --             | --             | --             | --                                | --                        | --                                  | --                |

**Table 2 a**  
**ADDITIONAL HISTORIC ANALYTICAL RESULTS**  
**76 Station 5043**

| Date Sampled          | TPH-D<br>(µg/l) | TBA<br>(µg/l) | Ethanol<br>(8260B)<br>(µg/l) | Ethylene-<br>dibromide<br>(EDB)<br>(µg/l) | 1,2-DCA<br>(EDC)<br>(µg/l) | DIPE<br>(µg/l) | ETBE<br>(µg/l) | TAME<br>(µg/l) | Total Oil<br>and Grease<br>(mg/l) | Iron<br>(total)<br>(µg/l) | Nitrogen<br>as<br>Nitrate<br>(mg/l) | Sulfate<br>(mg/l) |
|-----------------------|-----------------|---------------|------------------------------|---|----------------------------|----------------|----------------|----------------|-----------------------------------|---------------------------|-------------------------------------|-------------------|
| <b>MW-3 continued</b> |                 |               |                              |   |                            |                |                |                |                                   |                           |                                     |                   |
| 09/19/08              | 93              | --            | ND<250                       | --  | --                         | --             | --             | --             | --                                | --                        | --                                  | --                |
| 12/31/08              | 110             | --            | ND<250                       | --  | --                         | --             | --             | --             | --                                | --                        | --                                  | --                |
| 03/27/09              | 130             | --            | ND<250                       | --  | --                         | --             | --             | --             | --                                | --                        | --                                  | --                |
| 05/28/09              | 120             | --            | ND<250                       | --  | --                         | --             | --             | --             | --                                | --                        | --                                  | --                |
| <b>MW-4</b>           |                 |               |                              |   |                            |                |                |                |                                   |                           |                                     |                   |
| 08/31/92              | 90              | --            | --                           | --  | --                         | --             | --             | --             | --                                | --                        | --                                  | --                |
| 11/30/92              | 61              | --            | --                           | --  | --                         | --             | --             | --             | --                                | --                        | --                                  | --                |
| 02/04/93              | ND              | --            | --                           | --  | --                         | --             | --             | --             | --                                | --                        | --                                  | --                |
| 05/04/93              | ND              | --            | --                           | --  | --                         | --             | --             | --             | --                                | --                        | --                                  | --                |
| 08/04/93              | 81              | --            | --                           | --  | --                         | --             | --             | --             | --                                | --                        | --                                  | --                |
| 11/03/93              | 68              | --            | --                           | --  | --                         | --             | --             | --             | --                                | --                        | --                                  | --                |
| 02/07/94              | ND              | --            | --                           | --  | --                         | --             | --             | --             | --                                | --                        | --                                  | --                |
| 05/19/94              | 90              | --            | --                           | --  | --                         | --             | --             | --             | --                                | --                        | --                                  | --                |
| 08/15/94              | 72              | --            | --                           | --  | --                         | --             | --             | --             | --                                | --                        | --                                  | --                |
| 11/14/94              | ND              | --            | --                           | --  | --                         | --             | --             | --             | --                                | --                        | --                                  | --                |
| <b>MW-5</b>           |                 |               |                              |   |                            |                |                |                |                                   |                           |                                     |                   |
| 08/31/92              | 690             | --            | --                           | --  | --                         | --             | --             | --             | --                                | --                        | --                                  | --                |
| 11/30/92              | 470             | --            | --                           | --  | --                         | --             | --             | --             | ND                                | --                        | --                                  | --                |
| 02/04/93              | 5500            | --            | --                           | --  | --                         | --             | --             | --             | ND                                | --                        | --                                  | --                |
| 05/04/93              | 4600            | --            | --                           | --  | --                         | --             | --             | --             | ND                                | --                        | --                                  | --                |
| 08/04/93              | 970             | --            | --                           | --  | --                         | --             | --             | --             | ND                                | --                        | --                                  | --                |
| 11/03/93              | 2100            | --            | --                           | --  | --                         | --             | --             | --             | --                                | --                        | --                                  | --                |
| 02/07/94              | 830             | --            | --                           | --  | --                         | --             | --             | --             | --                                | --                        | --                                  | --                |
| 05/19/94              | 600             | --            | --                           | --  | --                         | --             | --             | --             | --                                | --                        | --                                  | --                |
| 08/15/94              | 860             | --            | --                           | --  | --                         | --             | --             | --             | --                                | --                        | --                                  | --                |

**Table 2 a**  
**ADDITIONAL HISTORIC ANALYTICAL RESULTS**  
**76 Station 5043**

| Date Sampled          | TPH-D<br>(µg/l) | TBA<br>(µg/l) | Ethanol<br>(8260B)<br>(µg/l) | Ethylene-<br>dibromide<br>(EDB)<br>(µg/l) | 1,2-DCA<br>(EDC)<br>(µg/l) | DIPE<br>(µg/l) | ETBE<br>(µg/l) | TAME<br>(µg/l) | Total Oil<br>and Grease<br>(mg/l) | Iron<br>(total)<br>(µg/l) | Nitrogen<br>as<br>Nitrate<br>(mg/l) | Sulfate<br>(mg/l) |
|-----------------------|-----------------|---------------|------------------------------|---|----------------------------|----------------|----------------|----------------|-----------------------------------|---------------------------|-------------------------------------|-------------------|
| <b>MW-5 continued</b> |                 |               |                              |   |                            |                |                |                |                                   |                           |                                     |                   |
| 11/14/94              | 290             | --            | --                           | --  | --                         | --             | --             | --             | --                                | --                        | --                                  | --                |
| <b>MW-6</b>           |                 |               |                              |   |                            |                |                |                |                                   |                           |                                     |                   |
| 08/31/92              | 750             | --            | --                           | --  | --                         | --             | --             | --             | --                                | --                        | --                                  | --                |
| 11/30/92              | 1400            | --            | --                           | --  | --                         | --             | --             | --             | --                                | --                        | --                                  | --                |
| 02/04/93              | 890             | --            | --                           | --  | --                         | --             | --             | --             | --                                | --                        | --                                  | --                |
| 05/04/93              | 1800            | --            | --                           | --  | --                         | --             | --             | --             | --                                | --                        | --                                  | --                |
| 08/04/93              | 1100            | --            | --                           | --  | --                         | --             | --             | --             | --                                | --                        | --                                  | --                |
| 11/03/93              | 390             | --            | --                           | --  | --                         | --             | --             | --             | --                                | --                        | --                                  | --                |
| 02/07/94              | 970             | --            | --                           | --  | --                         | --             | --             | --             | --                                | --                        | --                                  | --                |
| 05/19/94              | 1400            | --            | --                           | --  | --                         | --             | --             | --             | --                                | --                        | --                                  | --                |
| 08/15/94              | 790             | --            | --                           | --  | --                         | --             | --             | --             | --                                | --                        | --                                  | --                |
| 11/14/94              | 800             | --            | --                           | --  | --                         | --             | --             | --             | --                                | --                        | --                                  | --                |
| 02/21/95              | 730             | --            | --                           | --  | --                         | --             | --             | --             | --                                | --                        | --                                  | --                |
| 01/20/00              | 67600           | --            | --                           | --  | --                         | --             | --             | --             | --                                | --                        | --                                  | --                |
| 04/13/00              | 8700            | --            | --                           | --  | --                         | --             | --             | --             | --                                | --                        | --                                  | --                |
| 07/14/00              | 133000          | --            | --                           | --  | --                         | --             | --             | --             | --                                | --                        | --                                  | --                |
| 10/26/00              | 61000           | --            | --                           | --  | --                         | --             | --             | --             | --                                | --                        | --                                  | --                |
| 01/03/01              | 929             | --            | --                           | --  | --                         | --             | --             | --             | --                                | --                        | --                                  | --                |
| 04/04/01              | 18000           | ND            | ND                           | ND  | ND                         | ND             | ND             | ND             | --                                | --                        | --                                  | --                |
| 07/17/01              | 20000           | --            | --                           | --  | --                         | --             | --             | --             | --                                | --                        | --                                  | --                |
| 10/01/01              | 24000           | --            | --                           | --  | --                         | --             | --             | --             | --                                | --                        | --                                  | --                |
| 01/31/02              | 11000           | --            | --                           | --  | --                         | --             | --             | --             | --                                | --                        | --                                  | --                |
| 04/18/02              | 3500            | --            | --                           | --  | --                         | --             | --             | --             | --                                | --                        | --                                  | --                |
| 07/28/02              | 27000           | --            | --                           | --  | --                         | --             | --             | --             | --                                | --                        | --                                  | --                |
| 10/09/02              | 170000          | --            | --                           | --  | --                         | --             | --             | --             | --                                | --                        | --                                  | --                |

Table 2 a  
**ADDITIONAL HISTORIC ANALYTICAL RESULTS**  
 76 Station 5043

| Date Sampled          | TPH-D<br>(µg/l) | TBA<br>(µg/l) | Ethanol<br>(8260B)<br>(µg/l) | Ethylene-<br>dibromide<br>(EDB)<br>(µg/l) | 1,2-DCA<br>(EDC)<br>(µg/l) | DIPE<br>(µg/l) | ETBE<br>(µg/l) | TAME<br>(µg/l) | Total Oil<br>and Grease<br>(mg/l) | Iron<br>(total)<br>(µg/l) | Nitrogen<br>as<br>Nitrate<br>(mg/l) | Sulfate<br>(mg/l) |
|-----------------------|-----------------|---------------|------------------------------|---|----------------------------|----------------|----------------|----------------|-----------------------------------|---------------------------|-------------------------------------|-------------------|
| <b>MW-6 continued</b> |                 |               |                              |   |                            |                |                |                |                                   |                           |                                     |                   |
| 01/02/03              | 66000           | --            | --                           | --  | --                         | --             | --             | --             | --                                | --                        | --                                  | --                |
| 04/01/03              | 35000           | --            | --                           | --  | --                         | --             | --             | --             | --                                | --                        | --                                  | --                |
| 07/01/03              | 11000           | --            | ND<25000                     | --  | --                         | --             | --             | --             | --                                | --                        | --                                  | --                |
| 10/02/03              | ND<50           | --            | ND<200000                    | --  | --                         | --             | --             | --             | --                                | --                        | --                                  | --                |
| 01/09/04              | 20000           | --            | ND<50000                     | --  | --                         | --             | --             | --             | --                                | --                        | --                                  | --                |
| 04/26/04              | 13000           | --            | ND<5000                      | --  | --                         | --             | --             | --             | --                                | --                        | --                                  | --                |
| 07/22/04              | 33000           | --            | ND<300000                    | --  | --                         | --             | --             | --             | --                                | --                        | --                                  | --                |
| 10/29/04              | 78000           | --            | ND<5000                      | --  | --                         | --             | --             | --             | --                                | --                        | --                                  | --                |
| 01/10/05              | 12000           | --            | ND<5000                      | --  | --                         | --             | --             | --             | --                                | --                        | --                                  | --                |
| 06/15/05              | 16000           | --            | ND<5000                      | --  | --                         | --             | --             | --             | --                                | --                        | --                                  | --                |
| 09/27/05              | 2500            | ND<10         | ND<250                       | --  | --                         | 1.8            | ND<0.50        | ND<0.50        | --                                | --                        | --                                  | --                |
| 12/13/05              | 18000           | --            | ND<25000                     | --  | --                         | --             | --             | --             | --                                | --                        | --                                  | --                |
| 03/23/06              | 73000           | --            | ND<25000                     | --  | --                         | --             | --             | --             | --                                | --                        | --                                  | --                |
| 06/23/06              | 35000           | --            | ND<6200                      | --  | --                         | --             | --             | --             | --                                | --                        | --                                  | --                |
| 09/26/06              | 22000           | --            | ND<25000                     | --  | --                         | --             | --             | --             | --                                | --                        | --                                  | --                |
| 12/22/06              | 62000           | --            | ND<25000                     | --  | --                         | --             | --             | --             | --                                | --                        | --                                  | --                |
| 03/30/07              | 62000           | --            | ND<5000                      | --  | --                         | --             | --             | --             | --                                | --                        | --                                  | --                |
| 06/28/07              | 71000           | --            | ND<12000                     | --  | --                         | --             | --             | --             | --                                | --                        | --                                  | --                |
| 09/25/07              | 58000           | --            | ND<12000                     | --  | --                         | --             | --             | --             | --                                | --                        | --                                  | --                |
| 12/28/07              | 18000           | --            | ND<12000                     | --  | --                         | --             | --             | --             | --                                | --                        | --                                  | --                |
| 03/22/08              | 68000           | --            | ND<12000                     | --  | --                         | --             | --             | --             | --                                | --                        | --                                  | --                |
| 06/23/08              | 68000           | --            | ND<12000                     | --  | --                         | --             | --             | --             | --                                | --                        | --                                  | --                |
| 09/19/08              | 180000          | --            | ND<6200                      | --  | --                         | --             | --             | --             | --                                | --                        | --                                  | --                |
| 12/31/08              | 68000           | --            | ND<25000                     | --  | --                         | --             | --             | --             | --                                | --                        | --                                  | --                |
| 03/27/09              | 170000          | --            | ND<25000                     | --  | --                         | --             | --             | --             | --                                | --                        | --                                  | --                |

**Table 2 a**  
**ADDITIONAL HISTORIC ANALYTICAL RESULTS**  
**76 Station 5043**

| Date Sampled          | TPH-D<br>(µg/l) | TBA<br>(µg/l) | Ethanol<br>(8260B)<br>(µg/l) | Ethylene-<br>dibromide<br>(EDB)<br>(µg/l) | 1,2-DCA<br>(EDC)<br>(µg/l) | DIPE<br>(µg/l) | ETBE<br>(µg/l) | TAME<br>(µg/l) | Total Oil<br>and Grease<br>(mg/l) | Iron<br>(total)<br>(µg/l) | Nitrogen<br>as<br>Nitrate<br>(mg/l) | Sulfate<br>(mg/l) |
|-----------------------|-----------------|---------------|------------------------------|---|----------------------------|----------------|----------------|----------------|-----------------------------------|---------------------------|-------------------------------------|-------------------|
| <b>MW-6 continued</b> |                 |               |                              |   |                            |                |                |                |                                   |                           |                                     |                   |
| 05/28/09              | 78000           | --            | ND<25000                     | --  | --                         | --             | --             | --             | --                                | --                        | --                                  | --                |
| 09/17/09              | 250000          | --            | ND<6200                      | --  | --                         | --             | --             | --             | --                                | 1500                      | ND<0.44                             | ND<1.0            |
| <b>MW-7</b>           |                 |               |                              |   |                            |                |                |                |                                   |                           |                                     |                   |
| 06/01/97              | 69              | --            | --                           | --  | --                         | --             | --             | --             | --                                | --                        | --                                  | --                |
| 07/15/97              | ND              | --            | --                           | --  | --                         | --             | --             | --             | --                                | --                        | --                                  | --                |
| 10/09/97              | 190             | --            | --                           | --  | --                         | --             | --             | --             | --                                | --                        | --                                  | --                |
| 01/14/98              | 65              | --            | --                           | --  | --                         | --             | --             | --             | --                                | --                        | --                                  | --                |
| 04/01/98              | ND              | --            | --                           | --  | --                         | --             | --             | --             | --                                | --                        | --                                  | --                |
| 07/15/98              | 74              | --            | --                           | --  | --                         | --             | --             | --             | --                                | --                        | --                                  | --                |
| 10/16/98              | ND              | --            | --                           | --  | --                         | --             | --             | --             | --                                | --                        | --                                  | --                |
| 01/25/99              | ND              | --            | --                           | --  | --                         | --             | --             | --             | --                                | --                        | --                                  | --                |
| 04/15/99              | ND              | --            | --                           | --  | --                         | --             | --             | --             | --                                | --                        | --                                  | --                |
| 07/14/99              | 69              | --            | --                           | --  | --                         | --             | --             | --             | --                                | --                        | --                                  | --                |
| 10/21/99              | ND              | --            | --                           | --  | --                         | --             | --             | --             | --                                | --                        | --                                  | --                |
| 01/20/00              | ND              | --            | --                           | --  | --                         | --             | --             | --             | --                                | --                        | --                                  | --                |
| 04/13/00              | ND              | --            | --                           | --  | --                         | --             | --             | --             | --                                | --                        | --                                  | --                |
| 07/14/00              | 68.0            | --            | --                           | --  | --                         | --             | --             | --             | --                                | --                        | --                                  | --                |
| 07/17/01              | ND              | --            | --                           | --  | --                         | --             | --             | --             | --                                | --                        | --                                  | --                |
| 10/01/01              | ND<51           | --            | --                           | --  | --                         | --             | --             | --             | --                                | --                        | --                                  | --                |
| 01/31/02              | 90              | --            | --                           | --  | --                         | --             | --             | --             | --                                | --                        | --                                  | --                |
| 04/18/02              | 78              | --            | --                           | --  | --                         | --             | --             | --             | --                                | --                        | --                                  | --                |
| 07/28/02              | ND<50           | --            | --                           | --  | --                         | --             | --             | --             | --                                | --                        | --                                  | --                |
| 10/09/02              | ND<96           | --            | --                           | --  | --                         | --             | --             | --             | --                                | --                        | --                                  | --                |
| 01/03/03              | 78              | --            | --                           | --  | --                         | --             | --             | --             | --                                | --                        | --                                  | --                |
| 04/01/03              | 67              | --            | --                           | --  | --                         | --             | --             | --             | --                                | --                        | --                                  | --                |

**Table 2 a**  
**ADDITIONAL HISTORIC ANALYTICAL RESULTS**  
**76 Station 5043**

| Date Sampled          | TPH-D<br>(µg/l) | TBA<br>(µg/l) | Ethanol<br>(8260B)<br>(µg/l) | Ethylene-<br>dibromide<br>(EDB)<br>(µg/l) | 1,2-DCA<br>(EDC)<br>(µg/l) | DIPE<br>(µg/l) | ETBE<br>(µg/l) | TAME<br>(µg/l) | Total Oil<br>and Grease<br>(mg/l) | Iron<br>(total)<br>(µg/l) | Nitrogen<br>as<br>Nitrate<br>(mg/l) | Sulfate<br>(mg/l) |
|-----------------------|-----------------|---------------|------------------------------|---|----------------------------|----------------|----------------|----------------|-----------------------------------|---------------------------|-------------------------------------|-------------------|
| <b>MW-7 continued</b> |                 |               |                              |   |                            |                |                |                |                                   |                           |                                     |                   |
| 07/01/03              | 68              | --            | ND<500                       | --  | --                         | --             | --             | --             | --                                | --                        | --                                  | --                |
| 10/02/03              | 82              | --            | ND<500                       | --  | --                         | --             | --             | --             | --                                | --                        | --                                  | --                |
| 01/09/04              | 75              | --            | ND<500                       | --  | --                         | --             | --             | --             | --                                | --                        | --                                  | --                |
| 04/26/04              | ND<50           | --            | ND<50                        | --  | --                         | --             | --             | --             | --                                | --                        | --                                  | --                |
| 07/22/04              | ND<200          | --            | ND<1000                      | --  | --                         | --             | --             | --             | --                                | --                        | --                                  | --                |
| 10/29/04              | 54              | --            | ND<50                        | --  | --                         | --             | --             | --             | --                                | --                        | --                                  | --                |
| 01/10/05              | ND<50           | --            | ND<50                        | --  | --                         | --             | --             | --             | --                                | --                        | --                                  | --                |
| 06/15/05              | ND<50           | --            | ND<50                        | --  | --                         | --             | --             | --             | --                                | --                        | --                                  | --                |
| 09/27/05              | ND<200          | ND<10         | ND<250                       | --  | --                         | ND<0.50        | ND<0.50        | ND<0.50        | --                                | --                        | --                                  | --                |
| 12/13/05              | ND<200          | --            | ND<250                       | --  | --                         | --             | --             | --             | --                                | --                        | --                                  | --                |
| 03/23/06              | ND<200          | --            | ND<250                       | --  | --                         | --             | --             | --             | --                                | --                        | --                                  | --                |
| 06/23/06              | ND<200          | --            | ND<250                       | --  | --                         | --             | --             | --             | --                                | --                        | --                                  | --                |
| 09/26/06              | ND<50           | --            | ND<250                       | --  | --                         | --             | --             | --             | --                                | --                        | --                                  | --                |
| 12/22/06              | 630             | --            | ND<250                       | --  | --                         | --             | --             | --             | --                                | --                        | --                                  | --                |
| 03/30/07              | 94              | --            | ND<250                       | --  | --                         | --             | --             | --             | --                                | --                        | --                                  | --                |
| 06/28/07              | ND<50           | --            | ND<250                       | --  | --                         | --             | --             | --             | --                                | --                        | --                                  | --                |
| 09/25/07              | ND<50           | --            | ND<250                       | --  | --                         | --             | --             | --             | --                                | --                        | --                                  | --                |
| 12/28/07              | 75              | --            | ND<250                       | --  | --                         | --             | --             | --             | --                                | --                        | --                                  | --                |
| 03/22/08              | ND<50           | --            | ND<250                       | --  | --                         | --             | --             | --             | --                                | --                        | --                                  | --                |
| 06/23/08              | ND<50           | --            | ND<250                       | --  | --                         | --             | --             | --             | --                                | --                        | --                                  | --                |
| 09/19/08              | ND<50           | --            | ND<250                       | --  | --                         | --             | --             | --             | --                                | --                        | --                                  | --                |
| 12/31/08              | ND<50           | --            | ND<250                       | --  | --                         | --             | --             | --             | --                                | --                        | --                                  | --                |
| 03/27/09              | ND<50           | --            | ND<250                       | --  | --                         | --             | --             | --             | --                                | --                        | --                                  | --                |
| 05/28/09              | ND<50           | --            | ND<250                       | --  | --                         | --             | --             | --             | --                                | --                        | --                                  | --                |

MW-8

5043



**Table 2 a**  
**ADDITIONAL HISTORIC ANALYTICAL RESULTS**  
**76 Station 5043**

| Date Sampled          | TPH-D<br>(µg/l) | TBA<br>(µg/l) | Ethanol<br>(8260B)<br>(µg/l) | Ethylene-<br>dibromide<br>(EDB)<br>(µg/l) | 1,2-DCA<br>(EDC)<br>(µg/l) | DIPE<br>(µg/l) | ETBE<br>(µg/l) | TAME<br>(µg/l) | Total Oil<br>and Grease<br>(mg/l) | Iron<br>(total)<br>(µg/l) | Nitrogen<br>as<br>Nitrate<br>(mg/l) | Sulfate<br>(mg/l) |
|-----------------------|-----------------|---------------|------------------------------|---|----------------------------|----------------|----------------|----------------|-----------------------------------|---------------------------|-------------------------------------|-------------------|
| <b>MW-8 continued</b> |                 |               |                              |   |                            |                |                |                |                                   |                           |                                     |                   |
| 06/01/97              | 320             | --            | --                           | --  | --                         | --             | --             | --             | --                                | --                        | --                                  | --                |
| 07/15/97              | ND              | --            | --                           | --  | --                         | --             | --             | --             | --                                | --                        | --                                  | --                |
| 10/09/97              | 390             | --            | --                           | --  | --                         | --             | --             | --             | --                                | --                        | --                                  | --                |
| 01/14/98              | 230             | --            | --                           | --  | --                         | --             | --             | --             | --                                | --                        | --                                  | --                |
| 04/01/98              | 510             | --            | --                           | --  | --                         | --             | --             | --             | --                                | --                        | --                                  | --                |
| 07/15/98              | 140             | --            | --                           | --  | --                         | --             | --             | --             | --                                | --                        | --                                  | --                |
| 10/16/98              | 170             | --            | --                           | --  | --                         | --             | --             | --             | --                                | --                        | --                                  | --                |
| 01/25/99              | ND              | --            | --                           | --  | --                         | --             | --             | --             | --                                | --                        | --                                  | --                |
| 04/15/99              | 91              | --            | --                           | --  | --                         | --             | --             | --             | --                                | --                        | --                                  | --                |
| 07/14/99              | 120             | --            | --                           | --  | --                         | --             | --             | --             | --                                | --                        | --                                  | --                |
| 10/21/99              | 110             | --            | --                           | --  | --                         | --             | --             | --             | --                                | --                        | --                                  | --                |
| 01/20/00              | 583             | --            | --                           | --  | --                         | --             | --             | --             | --                                | --                        | --                                  | --                |
| 04/13/00              | 80              | --            | --                           | --  | --                         | --             | --             | --             | --                                | --                        | --                                  | --                |
| 07/14/00              | 113             | --            | --                           | --  | --                         | --             | --             | --             | --                                | --                        | --                                  | --                |
| 07/17/01              | ND              | --            | --                           | --  | --                         | --             | --             | --             | --                                | --                        | --                                  | --                |
| 10/01/01              | ND<50           | --            | --                           | --  | --                         | --             | --             | --             | --                                | --                        | --                                  | --                |
| 01/31/02              | 260             | --            | --                           | --  | --                         | --             | --             | --             | --                                | --                        | --                                  | --                |
| 04/18/02              | 160             | --            | --                           | --  | --                         | --             | --             | --             | --                                | --                        | --                                  | --                |
| 07/28/02              | 140             | --            | --                           | --  | --                         | --             | --             | --             | --                                | --                        | --                                  | --                |
| 10/09/02              | 120             | --            | --                           | --  | --                         | --             | --             | --             | --                                | --                        | --                                  | --                |
| 01/02/03              | 210             | --            | --                           | --  | --                         | --             | --             | --             | --                                | --                        | --                                  | --                |
| 04/01/03              | 220             | --            | --                           | --  | --                         | --             | --             | --             | --                                | --                        | --                                  | --                |
| 07/01/03              | 170             | --            | ND<500                       | --  | --                         | --             | --             | --             | --                                | --                        | --                                  | --                |
| 10/02/03              | 350             | --            | ND<500                       | --  | --                         | --             | --             | --             | --                                | --                        | --                                  | --                |
| 01/09/04              | 180             | --            | ND<500                       | --  | --                         | --             | --             | --             | --                                | --                        | --                                  | --                |

**Table 2 a**  
**ADDITIONAL HISTORIC ANALYTICAL RESULTS**  
**76 Station 5043**

| Date Sampled          | TPH-D<br>(µg/l) | TBA<br>(µg/l) | Ethanol<br>(8260B)<br>(µg/l) | Ethylene-<br>dibromide<br>(EDB)<br>(µg/l) | 1,2-DCA<br>(EDC)<br>(µg/l) | DIPE<br>(µg/l) | ETBE<br>(µg/l) | TAME<br>(µg/l) | Total Oil<br>and Grease<br>(mg/l) | Iron<br>(total)<br>(µg/l) | Nitrogen<br>as<br>Nitrate<br>(mg/l) | Sulfate<br>(mg/l) |
|-----------------------|-----------------|---------------|------------------------------|---|----------------------------|----------------|----------------|----------------|-----------------------------------|---------------------------|-------------------------------------|-------------------|
| <b>MW-8 continued</b> |                 |               |                              |   |                            |                |                |                |                                   |                           |                                     |                   |
| 04/26/04              | 100             | --            | ND<50                        | --  | --                         | --             | --             | --             | --                                | --                        | --                                  | --                |
| 07/22/04              | 250             | --            | ND<1000                      | --  | --                         | --             | --             | --             | --                                | --                        | --                                  | --                |
| 10/29/04              | 120             | --            | ND<50                        | --  | --                         | --             | --             | --             | --                                | --                        | --                                  | --                |
| 01/10/05              | 140             | --            | ND<50                        | --  | --                         | --             | --             | --             | --                                | --                        | --                                  | --                |
| 06/15/05              | 140             | --            | ND<50                        | --  | --                         | --             | --             | --             | --                                | --                        | --                                  | --                |
| 09/27/05              | ND<200          | ND<10         | ND<250                       | --  | --                         | ND<0.50        | ND<0.50        | ND<0.50        | --                                | --                        | --                                  | --                |
| 12/13/05              | ND<200          | --            | ND<250                       | --  | --                         | --             | --             | --             | --                                | --                        | --                                  | --                |
| 03/23/06              | ND<200          | --            | ND<250                       | --  | --                         | --             | --             | --             | --                                | --                        | --                                  | --                |
| 06/23/06              | ND<230          | --            | ND<250                       | --  | --                         | --             | --             | --             | --                                | --                        | --                                  | --                |
| 09/26/06              | 110             | --            | ND<250                       | --  | --                         | --             | --             | --             | --                                | --                        | --                                  | --                |
| 12/22/06              | 100             | --            | ND<250                       | --  | --                         | --             | --             | --             | --                                | --                        | --                                  | --                |
| 03/30/07              | 120             | --            | ND<250                       | --  | --                         | --             | --             | --             | --                                | --                        | --                                  | --                |
| 06/28/07              | 140             | --            | ND<250                       | --  | --                         | --             | --             | --             | --                                | --                        | --                                  | --                |
| 09/25/07              | 110             | --            | ND<250                       | --  | --                         | --             | --             | --             | --                                | --                        | --                                  | --                |
| 12/28/07              | 110             | --            | ND<250                       | --  | --                         | --             | --             | --             | --                                | --                        | --                                  | --                |
| 03/22/08              | ND<50           | --            | ND<250                       | --  | --                         | --             | --             | --             | --                                | --                        | --                                  | --                |
| 06/23/08              | ND<58           | --            | ND<250                       | --  | --                         | --             | --             | --             | --                                | --                        | --                                  | --                |
| 09/19/08              | 79              | --            | ND<250                       | --  | --                         | --             | --             | --             | --                                | --                        | --                                  | --                |
| 12/31/08              | 110             | --            | ND<250                       | --  | --                         | --             | --             | --             | --                                | --                        | --                                  | --                |
| 03/27/09              | 89              | --            | ND<250                       | --  | --                         | --             | --             | --             | --                                | --                        | --                                  | --                |
| 05/28/09              | 91              | --            | ND<250                       | --  | --                         | --             | --             | --             | --                                | --                        | --                                  | --                |
| <b>MW-9</b>           |                 |               |                              |   |                            |                |                |                |                                   |                           |                                     |                   |
| 02/21/95              | 71              | --            | --                           | --  | --                         | --             | --             | --             | --                                | --                        | --                                  | --                |
| 05/18/95              | ND              | --            | --                           | --  | --                         | --             | --             | --             | --                                | --                        | --                                  | --                |
| 08/17/95              | ND              | --            | --                           | --  | --                         | --             | --             | --             | --                                | --                        | --                                  | --                |

**Table 2 a**  
**ADDITIONAL HISTORIC ANALYTICAL RESULTS**  
**76 Station 5043**

| Date Sampled          | TPH-D<br>(µg/l) | TBA<br>(µg/l) | Ethanol<br>(8260B)<br>(µg/l) | Ethylene-<br>dibromide<br>(EDB)<br>(µg/l) | 1,2-DCA<br>(EDC)<br>(µg/l) | DIPE<br>(µg/l) | ETBE<br>(µg/l) | TAME<br>(µg/l) | Total Oil<br>and Grease<br>(mg/l) | Iron<br>(total)<br>(µg/l) | Nitrogen<br>as<br>Nitrate<br>(mg/l) | Sulfate<br>(mg/l) |
|-----------------------|-----------------|---------------|------------------------------|---|----------------------------|----------------|----------------|----------------|-----------------------------------|---------------------------|-------------------------------------|-------------------|
| <b>MW-9 continued</b> |                 |               |                              |   |                            |                |                |                |                                   |                           |                                     |                   |
| 07/26/96              | 98              | --            | --                           | --  | --                         | --             | --             | --             | --                                | --                        | --                                  | --                |
| 10/28/96              | 99              | --            | --                           | --  | --                         | --             | --             | --             | --                                | --                        | --                                  | --                |
| 01/29/97              | 54              | --            | --                           | --  | --                         | --             | --             | --             | --                                | --                        | --                                  | --                |
| 04/15/97              | 94              | --            | --                           | --  | --                         | --             | --             | --             | --                                | --                        | --                                  | --                |
| 07/15/97              | ND              | --            | --                           | --  | --                         | --             | --             | --             | --                                | --                        | --                                  | --                |
| 10/09/97              | 160             | --            | --                           | --  | --                         | --             | --             | --             | --                                | --                        | --                                  | --                |
| 01/14/98              | 110             | --            | --                           | --  | --                         | --             | --             | --             | --                                | --                        | --                                  | --                |
| 04/01/98              | 110             | --            | --                           | --  | --                         | --             | --             | --             | --                                | --                        | --                                  | --                |
| 07/15/98              | 200             | --            | --                           | --  | --                         | --             | --             | --             | --                                | --                        | --                                  | --                |
| 10/16/98              | ND              | --            | --                           | --  | --                         | --             | --             | --             | --                                | --                        | --                                  | --                |
| 01/25/99              | ND              | --            | --                           | --  | --                         | --             | --             | --             | --                                | --                        | --                                  | --                |
| 04/15/99              | ND              | --            | --                           | --  | --                         | --             | --             | --             | --                                | --                        | --                                  | --                |
| 07/14/99              | 140             | --            | --                           | --  | --                         | --             | --             | --             | --                                | --                        | --                                  | --                |
| 10/21/99              | 210             | --            | --                           | --  | --                         | --             | --             | --             | --                                | --                        | --                                  | --                |
| 01/20/00              | 519             | --            | --                           | --  | --                         | --             | --             | --             | --                                | --                        | --                                  | --                |
| 04/13/00              | 81              | --            | --                           | --  | --                         | --             | --             | --             | --                                | --                        | --                                  | --                |
| 07/14/00              | 107             | --            | --                           | --  | --                         | --             | --             | --             | --                                | --                        | --                                  | --                |
| 10/26/00              | 240             | --            | --                           | --  | --                         | --             | --             | --             | --                                | --                        | --                                  | --                |
| 01/03/01              | 164             | --            | --                           | --  | --                         | --             | --             | --             | --                                | --                        | --                                  | --                |
| 04/04/01              | 240             | --            | --                           | --  | --                         | --             | --             | --             | --                                | --                        | --                                  | --                |
| 07/17/01              | ND              | --            | --                           | --  | --                         | --             | --             | --             | --                                | --                        | --                                  | --                |
| 10/01/01              | ND<52           | --            | --                           | --  | --                         | --             | --             | --             | --                                | --                        | --                                  | --                |
| 01/31/02              | 200             | --            | --                           | --  | --                         | --             | --             | --             | --                                | --                        | --                                  | --                |
| 04/18/02              | ND<50           | --            | --                           | --  | --                         | --             | --             | --             | --                                | --                        | --                                  | --                |
| 07/28/02              | ND<50           | --            | --                           | --  | --                         | --             | --             | --             | --                                | --                        | --                                  | --                |

**Table 2 a**  
**ADDITIONAL HISTORIC ANALYTICAL RESULTS**  
**76 Station 5043**

| Date Sampled          | TPH-D<br>(µg/l) | TBA<br>(µg/l) | Ethanol<br>(8260B)<br>(µg/l) | Ethylene-<br>dibromide<br>(EDB)<br>(µg/l) | 1,2-DCA<br>(EDC)<br>(µg/l) | DIPE<br>(µg/l) | ETBE<br>(µg/l) | TAME<br>(µg/l) | Total Oil<br>and Grease<br>(mg/l) | Iron<br>(total)<br>(µg/l) | Nitrogen<br>as<br>Nitrate<br>(mg/l) | Sulfate<br>(mg/l) |
|-----------------------|-----------------|---------------|------------------------------|---|----------------------------|----------------|----------------|----------------|-----------------------------------|---------------------------|-------------------------------------|-------------------|
| <b>MW-9 continued</b> |                 |               |                              |   |                            |                |                |                |                                   |                           |                                     |                   |
| 10/09/02              | 100             | --            | --                           | --  | --                         | --             | --             | --             | --                                | --                        | --                                  | --                |
| 01/02/03              | ND<50           | --            | --                           | --  | --                         | --             | --             | --             | --                                | --                        | --                                  | --                |
| 04/01/03              | 56              | --            | --                           | --  | --                         | --             | --             | --             | --                                | --                        | --                                  | --                |
| 07/01/03              | ND<50           | --            | ND<500                       | --  | --                         | --             | --             | --             | --                                | --                        | --                                  | --                |
| 10/02/03              | ND<50           | --            | ND<500                       | --  | --                         | --             | --             | --             | --                                | --                        | --                                  | --                |
| 01/09/04              | 91              | --            | ND<500                       | --  | --                         | --             | --             | --             | --                                | --                        | --                                  | --                |
| 04/26/04              | ND<50           | --            | ND<50                        | --  | --                         | --             | --             | --             | --                                | --                        | --                                  | --                |
| 07/22/04              | ND<200          | --            | ND<1000                      | --  | --                         | --             | --             | --             | --                                | --                        | --                                  | --                |
| 10/29/04              | 76              | --            | ND<50                        | --  | --                         | --             | --             | --             | --                                | --                        | --                                  | --                |
| 01/10/05              | 77              | --            | ND<50                        | --  | --                         | --             | --             | --             | --                                | --                        | --                                  | --                |
| 06/15/05              | 67              | --            | ND<50                        | --  | --                         | --             | --             | --             | --                                | --                        | --                                  | --                |
| 09/27/05              | ND<200          | ND<10         | ND<250                       | --  | --                         | ND<0.50        | ND<0.50        | ND<0.50        | --                                | --                        | --                                  | --                |
| 12/13/05              | ND<200          | --            | ND<250                       | --  | --                         | --             | --             | --             | --                                | --                        | --                                  | --                |
| 03/23/06              | ND<200          | --            | ND<250                       | --  | --                         | --             | --             | --             | --                                | --                        | --                                  | --                |
| 06/23/06              | ND<200          | --            | ND<250                       | --  | --                         | --             | --             | --             | --                                | --                        | --                                  | --                |
| 09/26/06              | ND<50           | --            | ND<250                       | --  | --                         | --             | --             | --             | --                                | --                        | --                                  | --                |
| 12/22/06              | 150             | --            | ND<250                       | --  | --                         | --             | --             | --             | --                                | --                        | --                                  | --                |
| 03/30/07              | 72              | --            | ND<250                       | --  | --                         | --             | --             | --             | --                                | --                        | --                                  | --                |
| 06/28/07              | 1000            | --            | ND<250                       | --  | --                         | --             | --             | --             | --                                | --                        | --                                  | --                |
| 09/25/07              | 100             | --            | ND<250                       | --  | --                         | --             | --             | --             | --                                | --                        | --                                  | --                |
| 12/28/07              | 56              | --            | ND<250                       | --  | --                         | --             | --             | --             | --                                | --                        | --                                  | --                |
| 03/22/08              | ND<50           | --            | ND<250                       | --  | --                         | --             | --             | --             | --                                | --                        | --                                  | --                |
| 06/23/08              | ND<50           | --            | ND<250                       | --  | --                         | --             | --             | --             | --                                | --                        | --                                  | --                |
| 09/19/08              | 56              | --            | ND<250                       | --  | --                         | --             | --             | --             | --                                | --                        | --                                  | --                |
| 12/31/08              | ND<50           | --            | ND<250                       | --  | --                         | --             | --             | --             | --                                | --                        | --                                  | --                |

**Table 2 a**  
**ADDITIONAL HISTORIC ANALYTICAL RESULTS**  
**76 Station 5043**

| Date Sampled          | TPH-D<br>(µg/l) | TBA<br>(µg/l) | Ethanol<br>(8260B)<br>(µg/l) | Ethylene-<br>dibromide<br>(EDB)<br>(µg/l) | 1,2-DCA<br>(EDC)<br>(µg/l) | DIPE<br>(µg/l) | ETBE<br>(µg/l) | TAME<br>(µg/l) | Total Oil<br>and Grease<br>(mg/l) | Iron<br>(total)<br>(µg/l) | Nitrogen<br>as<br>Nitrate<br>(mg/l) | Sulfate<br>(mg/l) |
|-----------------------|-----------------|---------------|------------------------------|---|----------------------------|----------------|----------------|----------------|-----------------------------------|---------------------------|-------------------------------------|-------------------|
| <b>MW-9 continued</b> |                 |               |                              |   |                            |                |                |                |                                   |                           |                                     |                   |
| 03/27/09              | ND<50           | --            | ND<250                       | --  | --                         | --             | --             | --             | --                                | --                        | --                                  | --                |
| 05/28/09              | ND<50           | --            | ND<250                       | --  | --                         | --             | --             | --             | --                                | --                        | --                                  | --                |
| <b>MW-10</b>          |                 |               |                              |   |                            |                |                |                |                                   |                           |                                     |                   |
| 02/21/95              | 270             | --            | --                           | --  | --                         | --             | --             | --             | --                                | --                        | --                                  | --                |
| 05/18/95              | 75              | --            | --                           | --  | --                         | --             | --             | --             | --                                | --                        | --                                  | --                |
| 08/17/95              | ND              | --            | --                           | --  | --                         | --             | --             | --             | --                                | --                        | --                                  | --                |
| 07/26/96              | ND              | --            | --                           | --  | --                         | --             | --             | --             | --                                | --                        | --                                  | --                |
| 10/28/96              | ND              | --            | --                           | --  | --                         | --             | --             | --             | --                                | --                        | --                                  | --                |
| 01/29/97              | ND              | --            | --                           | --  | --                         | --             | --             | --             | --                                | --                        | --                                  | --                |
| 04/15/97              | ND              | --            | --                           | --  | --                         | --             | --             | --             | --                                | --                        | --                                  | --                |
| 07/15/97              | ND              | --            | --                           | --  | --                         | --             | --             | --             | --                                | --                        | --                                  | --                |
| 10/09/97              | ND              | --            | --                           | --  | --                         | --             | --             | --             | --                                | --                        | --                                  | --                |
| 04/01/98              | 62              | --            | --                           | --  | --                         | --             | --             | --             | --                                | --                        | --                                  | --                |
| 07/15/98              | 78              | --            | --                           | --  | --                         | --             | --             | --             | --                                | --                        | --                                  | --                |
| 10/16/98              | ND              | --            | --                           | --  | --                         | --             | --             | --             | --                                | --                        | --                                  | --                |
| 01/25/99              | ND              | --            | --                           | --  | --                         | --             | --             | --             | --                                | --                        | --                                  | --                |
| 04/15/99              | ND              | --            | --                           | --  | --                         | --             | --             | --             | --                                | --                        | --                                  | --                |
| 07/14/99              | 180             | --            | --                           | --  | --                         | --             | --             | --             | --                                | --                        | --                                  | --                |
| 10/21/99              | 96              | --            | --                           | --  | --                         | --             | --             | --             | --                                | --                        | --                                  | --                |
| 01/20/00              | 252             | --            | --                           | --  | --                         | --             | --             | --             | --                                | --                        | --                                  | --                |
| 04/13/00              | 69              | --            | --                           | --  | --                         | --             | --             | --             | --                                | --                        | --                                  | --                |
| 07/14/00              | 149             | --            | --                           | --  | --                         | --             | --             | --             | --                                | --                        | --                                  | --                |
| 10/26/00              | 83              | --            | --                           | --  | --                         | --             | --             | --             | --                                | --                        | --                                  | --                |
| 01/03/01              | 126             | --            | --                           | --  | --                         | --             | --             | --             | --                                | --                        | --                                  | --                |
| 04/04/01              | 75              | --            | --                           | --  | --                         | --             | --             | --             | --                                | --                        | --                                  | --                |

**Table 2 a**  
**ADDITIONAL HISTORIC ANALYTICAL RESULTS**  
**76 Station 5043**

| Date Sampled           | TPH-D<br>(µg/l) | TBA<br>(µg/l) | Ethanol<br>(8260B)<br>(µg/l) | Ethylene-<br>dibromide<br>(EDB)<br>(µg/l) | 1,2-DCA<br>(EDC)<br>(µg/l) | DIPE<br>(µg/l) | ETBE<br>(µg/l) | TAME<br>(µg/l) | Total Oil<br>and Grease<br>(mg/l) | Iron<br>(total)<br>(µg/l) | Nitrogen<br>as<br>Nitrate<br>(mg/l) | Sulfate<br>(mg/l) |
|------------------------|-----------------|---------------|------------------------------|---|----------------------------|----------------|----------------|----------------|-----------------------------------|---------------------------|-------------------------------------|-------------------|
| <b>MW-10 continued</b> |                 |               |                              |   |                            |                |                |                |                                   |                           |                                     |                   |
| 07/17/01               | ND              | --            | --                           | --  | --                         | --             | --             | --             | --                                | --                        | --                                  | --                |
| 10/01/01               | 100             | --            | --                           | --  | --                         | --             | --             | --             | --                                | --                        | --                                  | --                |
| 01/31/02               | 170             | --            | --                           | --  | --                         | --             | --             | --             | --                                | --                        | --                                  | --                |
| 04/18/02               | 130             | --            | --                           | --  | --                         | --             | --             | --             | --                                | --                        | --                                  | --                |
| 07/28/02               | 58              | --            | --                           | --  | --                         | --             | --             | --             | --                                | --                        | --                                  | --                |
| 10/09/02               | ND<94           | --            | --                           | --  | --                         | --             | --             | --             | --                                | --                        | --                                  | --                |
| 01/02/03               | 64              | --            | --                           | --  | --                         | --             | --             | --             | --                                | --                        | --                                  | --                |
| 04/01/03               | 76              | --            | --                           | --  | --                         | --             | --             | --             | --                                | --                        | --                                  | --                |
| 07/01/03               | 87              | --            | ND<500                       | --  | --                         | --             | --             | --             | --                                | --                        | --                                  | --                |
| 10/02/03               | 160             | --            | ND<500                       | --  | --                         | --             | --             | --             | --                                | --                        | --                                  | --                |
| 01/09/04               | 74              | --            | ND<500                       | --  | --                         | --             | --             | --             | --                                | --                        | --                                  | --                |
| 04/26/04               | ND<50           | --            | ND<50                        | --  | --                         | --             | --             | --             | --                                | --                        | --                                  | --                |
| 07/22/04               | ND<200          | --            | ND<1000                      | --  | --                         | --             | --             | --             | --                                | --                        | --                                  | --                |
| 10/29/04               | ND<50           | --            | ND<50                        | --  | --                         | --             | --             | --             | --                                | --                        | --                                  | --                |
| 01/10/05               | 94              | --            | ND<50                        | --  | --                         | --             | --             | --             | --                                | --                        | --                                  | --                |
| 06/15/05               | 62              | --            | ND<50                        | --  | --                         | --             | --             | --             | --                                | --                        | --                                  | --                |
| 09/27/05               | ND<200          | ND<10         | ND<250                       | --  | --                         | ND<0.50        | ND<0.50        | ND<0.50        | --                                | --                        | --                                  | --                |
| 12/13/05               | ND<200          | --            | ND<250                       | --  | --                         | --             | --             | --             | --                                | --                        | --                                  | --                |
| 03/23/06               | ND<200          | --            | ND<250                       | --  | --                         | --             | --             | --             | --                                | --                        | --                                  | --                |
| 06/23/06               | ND<200          | --            | ND<250                       | --  | --                         | --             | --             | --             | --                                | --                        | --                                  | --                |
| 09/26/06               | ND<50           | --            | ND<250                       | --  | --                         | --             | --             | --             | --                                | --                        | --                                  | --                |
| 12/22/06               | 81              | --            | ND<250                       | --  | --                         | --             | --             | --             | --                                | --                        | --                                  | --                |
| 03/30/07               | 82              | --            | ND<250                       | --  | --                         | --             | --             | --             | --                                | --                        | --                                  | --                |
| 06/28/07               | 57              | --            | ND<250                       | --  | --                         | --             | --             | --             | --                                | --                        | --                                  | --                |
| 09/25/07               | 82              | --            | ND<250                       | --  | --                         | --             | --             | --             | --                                | --                        | --                                  | --                |

**Table 2 a**  
**ADDITIONAL HISTORIC ANALYTICAL RESULTS**  
**76 Station 5043**

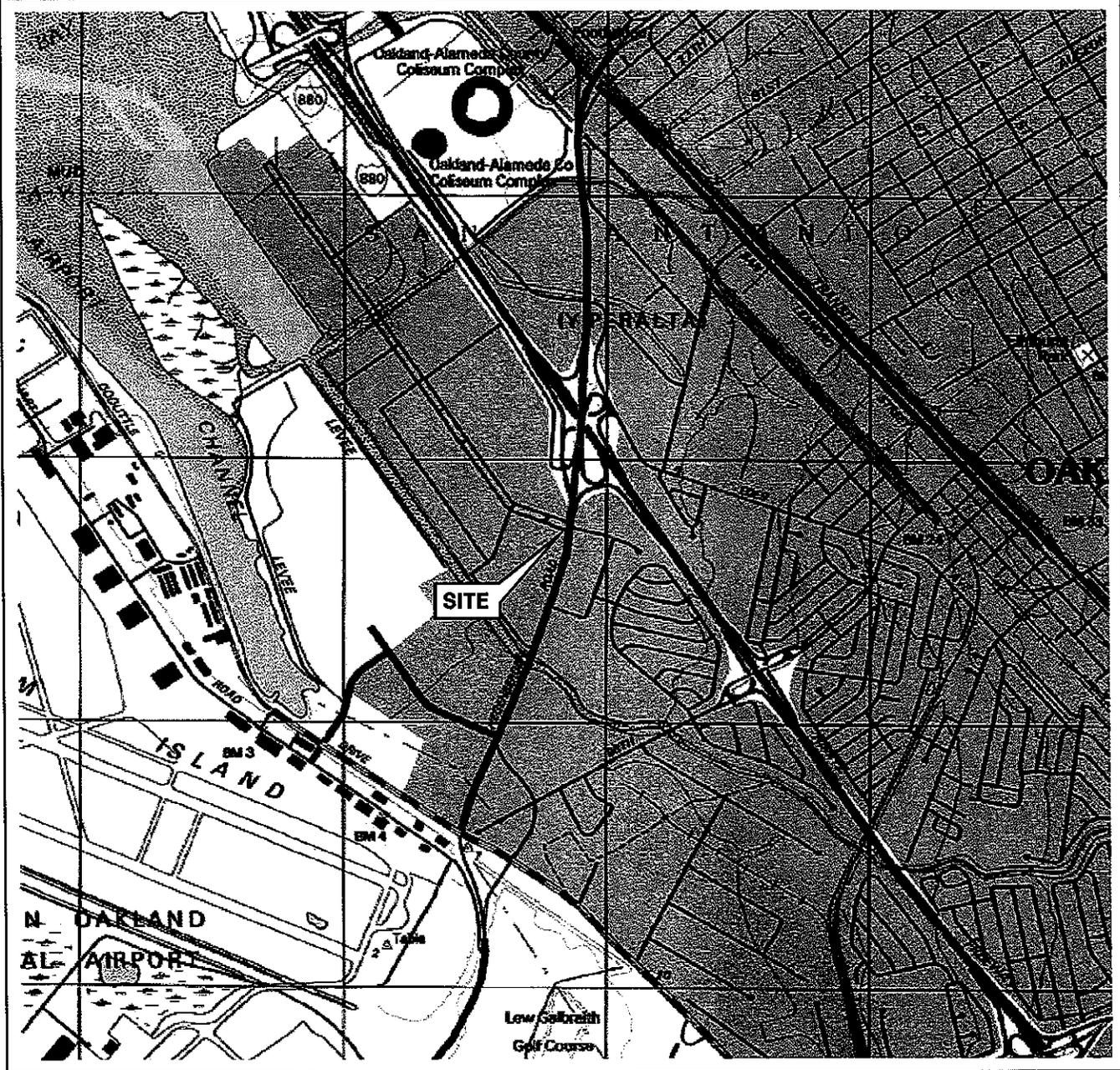
| Date Sampled           | TPH-D<br>(µg/l) | TBA<br>(µg/l) | Ethanol<br>(8260B)<br>(µg/l) | Ethylene-<br>dibromide<br>(EDB)<br>(µg/l) | 1,2-DCA<br>(EDC)<br>(µg/l) | DIPE<br>(µg/l) | ETBE<br>(µg/l) | TAME<br>(µg/l) | Total Oil<br>and Grease<br>(mg/l) | Iron<br>(total)<br>(µg/l) | Nitrogen<br>as<br>Nitrate<br>(mg/l) | Sulfate<br>(mg/l) |
|------------------------|-----------------|---------------|------------------------------|---|----------------------------|----------------|----------------|----------------|-----------------------------------|---------------------------|-------------------------------------|-------------------|
| <b>MW-10 continued</b> |                 |               |                              |   |                            |                |                |                |                                   |                           |                                     |                   |
| 12/28/07               | 62              | --            | ND<250                       | --  | --                         | --             | --             | --             | --                                | --                        | --                                  | --                |
| 03/22/08               | ND<50           | --            | ND<250                       | --  | --                         | --             | --             | --             | --                                | --                        | --                                  | --                |
| 06/23/08               | ND<50           | --            | ND<250                       | --  | --                         | --             | --             | --             | --                                | --                        | --                                  | --                |
| 09/19/08               | ND<50           | --            | ND<250                       | --  | --                         | --             | --             | --             | --                                | --                        | --                                  | --                |
| 12/31/08               | ND<50           | --            | ND<250                       | --  | --                         | --             | --             | --             | --                                | --                        | --                                  | --                |
| 03/27/09               | 730             | --            | ND<250                       | --  | --                         | --             | --             | --             | --                                | --                        | --                                  | --                |
| 05/28/09               | ND<50           | --            | ND<250                       | --  | --                         | --             | --             | --             | --                                | --                        | --                                  | --                |
| 09/17/09               | 65              | --            | ND<250                       | --  | --                         | --             | --             | --             | --                                | 9800                      | 12                                  | 84                |

**Table 2 b**  
**ADDITIONAL HISTORIC ANALYTICAL RESULTS**  
**76 Station 5043**

| Date Sampled | Post-purge Dissolved Oxygen (mg/l) | Pre-purge Dissolved Oxygen (mg/l) | Pre-purge ORP (mV) | Post-purge ORP (mV) |
|--------------|------------------------------------|-----------------------------------|--------------------|---------------------|
| <b>MW-3</b>  |                                    |                                   |                    |                     |
| 05/28/09     | 0.89                               | 1.55                              | 30                 | -46                 |
| <b>MW-6</b>  |                                    |                                   |                    |                     |
| 05/28/09     | 1.79                               | 0.80                              | -22                | -49                 |
| 09/17/09     | 1.04                               | 0.76                              | -45                | -69                 |
| <b>MW-7</b>  |                                    |                                   |                    |                     |
| 05/28/09     | --                                 | 2.15                              | 2                  | --                  |
| <b>MW-8</b>  |                                    |                                   |                    |                     |
| 05/28/09     | 1.39                               | 1.46                              | -7                 | -15                 |
| <b>MW-9</b>  |                                    |                                   |                    |                     |
| 05/28/09     | 2.80                               | 2.54                              | 32                 | -40                 |
| <b>MW-10</b> |                                    |                                   |                    |                     |
| 05/28/09     | 0.91                               | 1.47                              | 5                  | -8                  |
| 09/17/09     | 0.27                               | 0.91                              | --                 | -13                 |

# FIGURES

PS-1:1 L:\QMS VICINITY MAP S\6043vm.DWG Jan 20, 2009 - 12:11pm cakers



SOURCE:

United States Geological Survey  
7.5 Minute Topographic Map:  
San Leandro Quadrangle

0 1/4 1/2 3/4 1 MILE



SCALE 1:24,000



FACILITY:

76 STATION 5043  
449 HEGENBERGER ROAD  
OAKLAND, CALIFORNIA

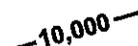
VICINITY MAP

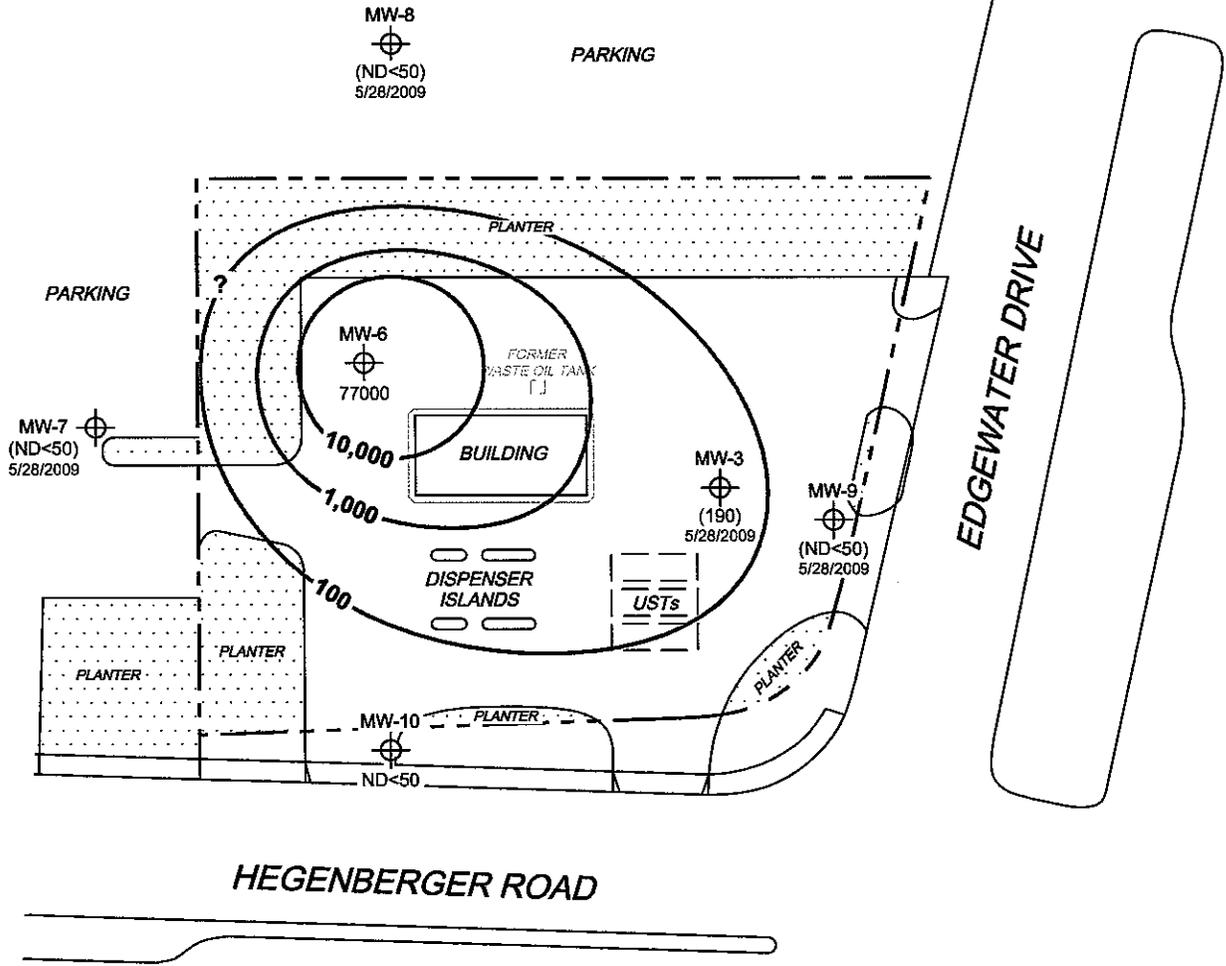
FIGURE 1



**LEGEND**

MW-10  Monitoring Well with Dissolved-Phase TPH-G (GC/MS) Concentration ( $\mu\text{g/l}$ )

 10,000 Dissolved-Phase TPH-G (GC/MS) Contour ( $\mu\text{g/l}$ )



**NOTES:**

Contour lines are interpretive and based on laboratory analysis results of groundwater samples. TPH-G (GC/MS) = total petroleum hydrocarbons with gasoline distinction utilizing EPA Method 8260B.  $\mu\text{g/l}$  = micrograms per liter. ND = not detected at limit indicated on official laboratory report. ( ) = representative historical value. UST = underground storage tank.

SCALE (FEET)



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MS-1:60 5043-003



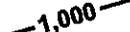
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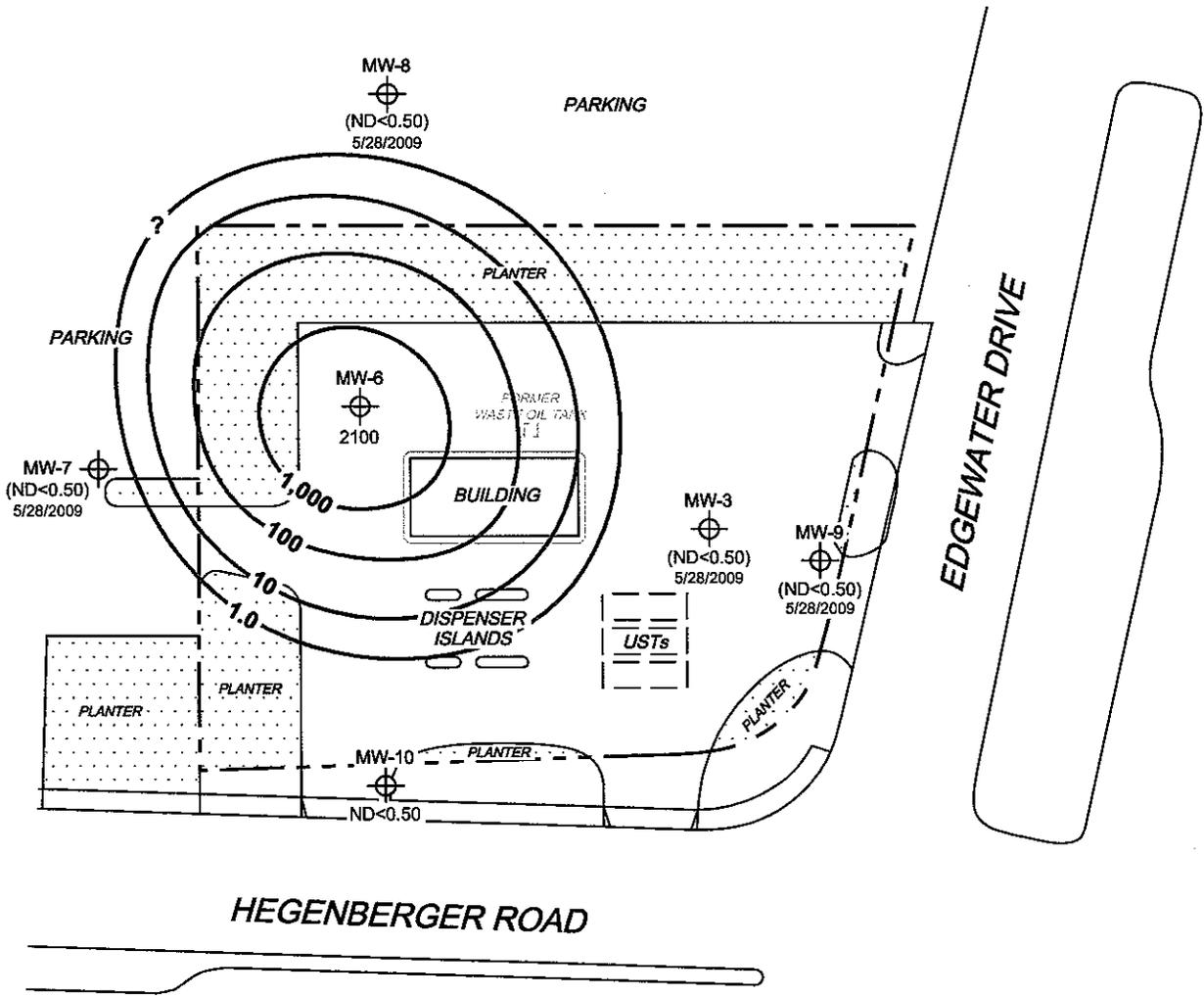
FACILITY:  
76 STATION 5043  
449 HEGENBERGER ROAD  
OAKLAND, CALIFORNIA

**DISSOLVED-PHASE TPH-G (GC/MS)  
CONCENTRATION MAP  
September 17, 2009**

**FIGURE 3**

**LEGEND**

- MW-10  Monitoring Well with Dissolved-Phase Benzene Concentration ( $\mu\text{g/l}$ )
-  1,000 Dissolved-Phase Benzene Contour ( $\mu\text{g/l}$ )



**NOTES:**

Contour lines are interpretive and based on laboratory analysis results of groundwater samples.  
 $\mu\text{g/l}$  = micrograms per liter. ND = not detected at limit indicated on official laboratory report.  
 ( ) = representative historical value. UST = underground storage tank.

SCALE (FEET)



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MS-1-60 5043-003



PROJECT: 165521  
 FACILITY:  
 76 STATION 5043  
 449 HEGENBERGER ROAD  
 OAKLAND, CALIFORNIA

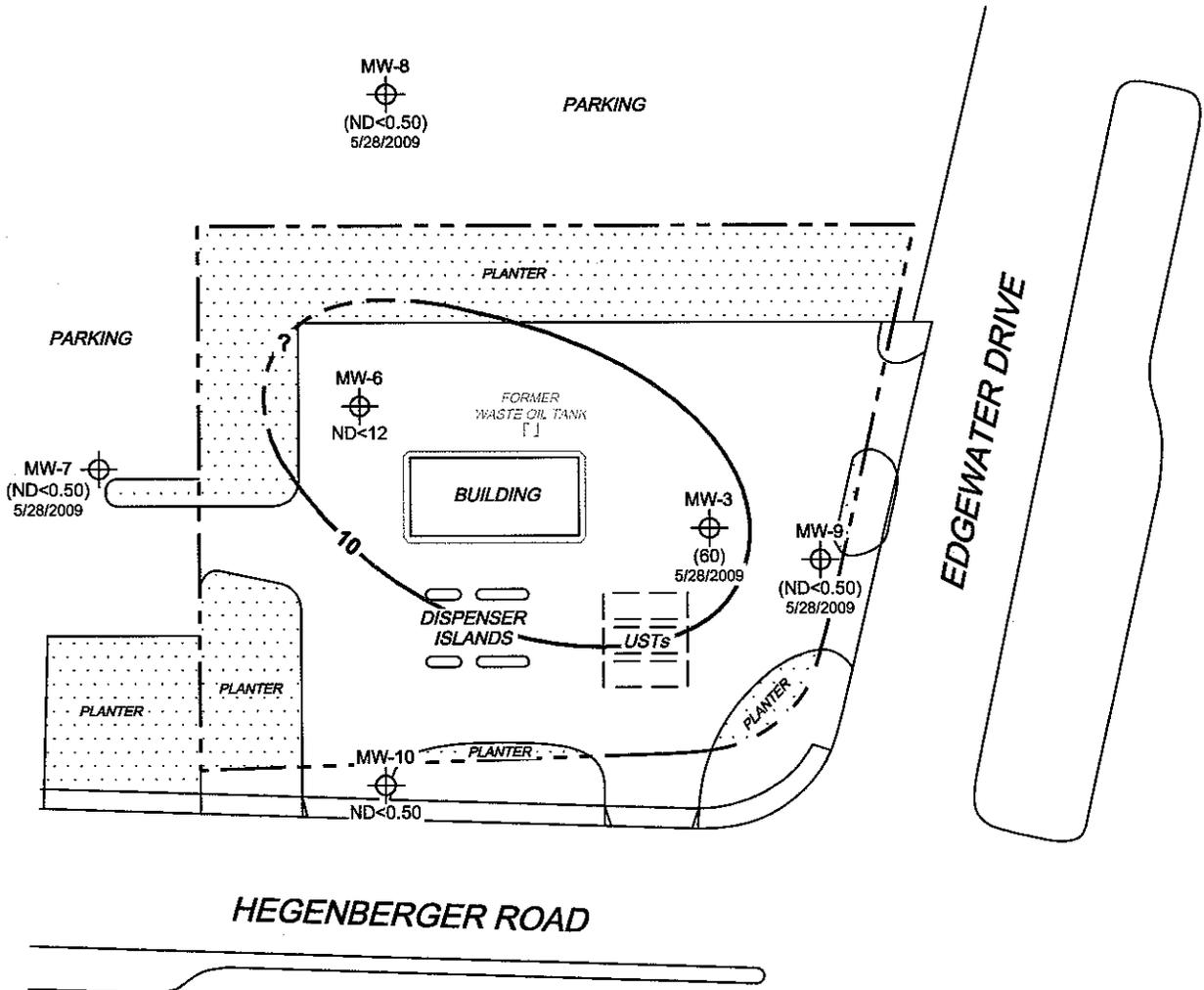
**DISSOLVED-PHASE BENZENE  
 CONCENTRATION MAP**  
 September 17, 2009

**FIGURE 4**

**LEGEND**

MW-10  Monitoring Well with Dissolved-Phase MTBE Concentration ( $\mu\text{g/l}$ )

—10— Dissolved-Phase MTBE Contour ( $\mu\text{g/l}$ )



**NOTES:**

Contour lines are interpretive and based on laboratory analysis results of groundwater samples. MTBE = methyl tertiary butyl ether.  $\mu\text{g/l}$  = micrograms per liter. ND = not detected at limit indicated on official laboratory report. ( ) = representative historical value. Dashes indicate contour based on non-detect at elevated detection limit. UST = underground storage tank. Results obtained using EPA Method 8260B.

SCALE (FEET)



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MS-1:60 5043-003



PROJECT: 165521

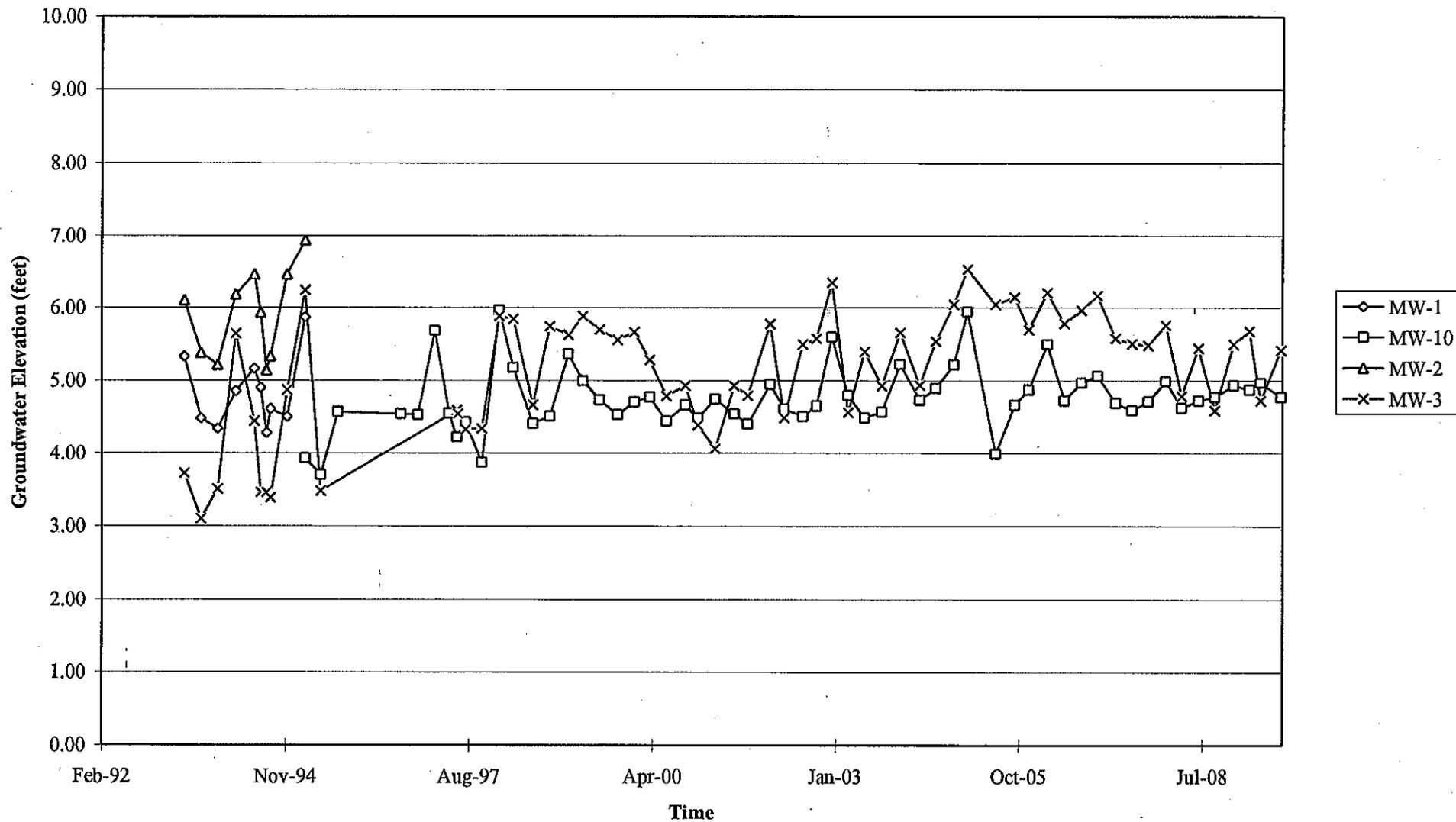
FACILITY:  
76 STATION 5043  
449 HEGENBERGER ROAD  
OAKLAND, CALIFORNIA

**DISSOLVED-PHASE MTBE  
CONCENTRATION MAP**  
September 17, 2009

**FIGURE 5**

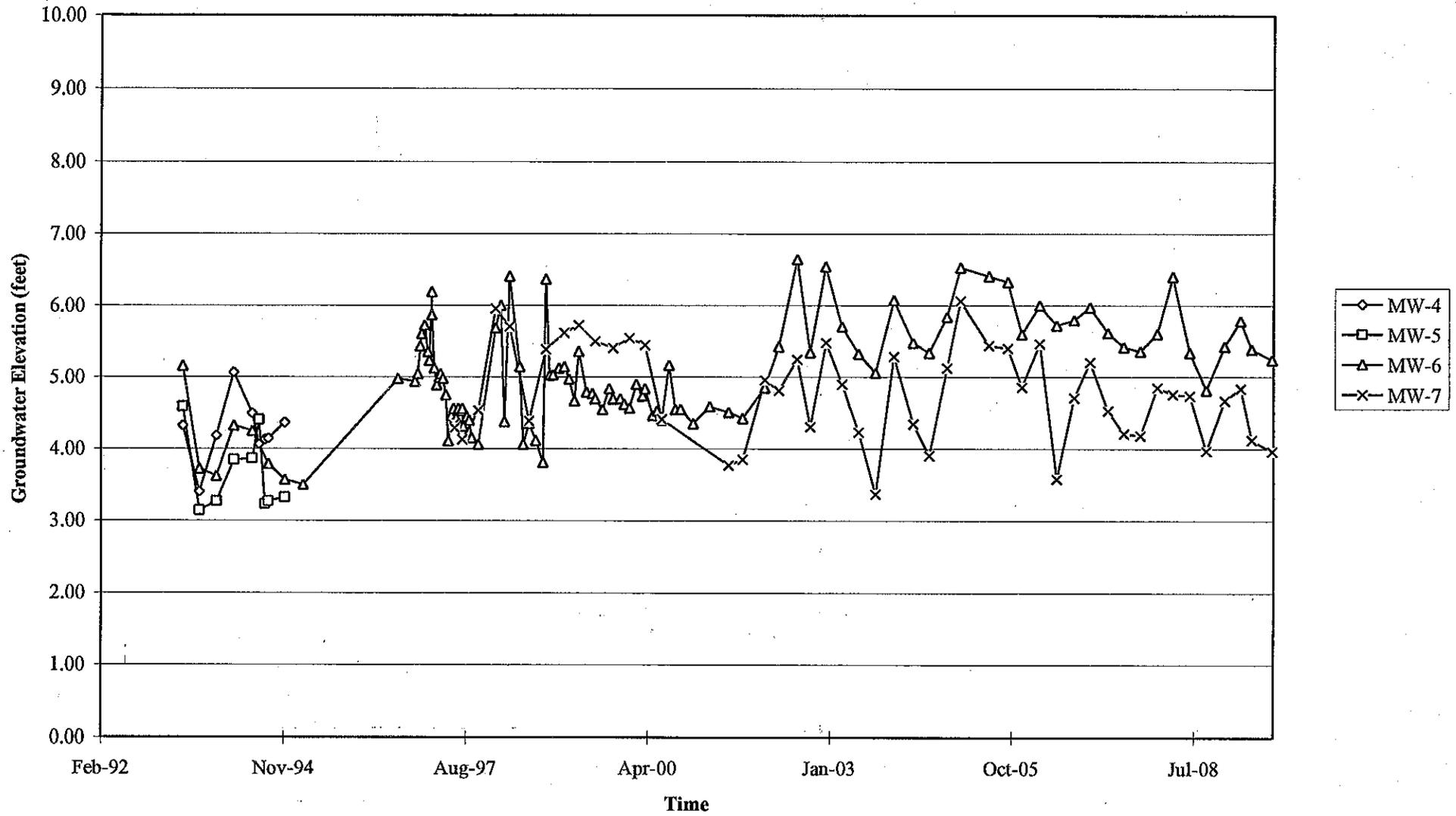
# GRAPHS

Groundwater Elevations vs. Time  
76 Station 5043



Elevations may have been corrected for apparent changes due to resurvey

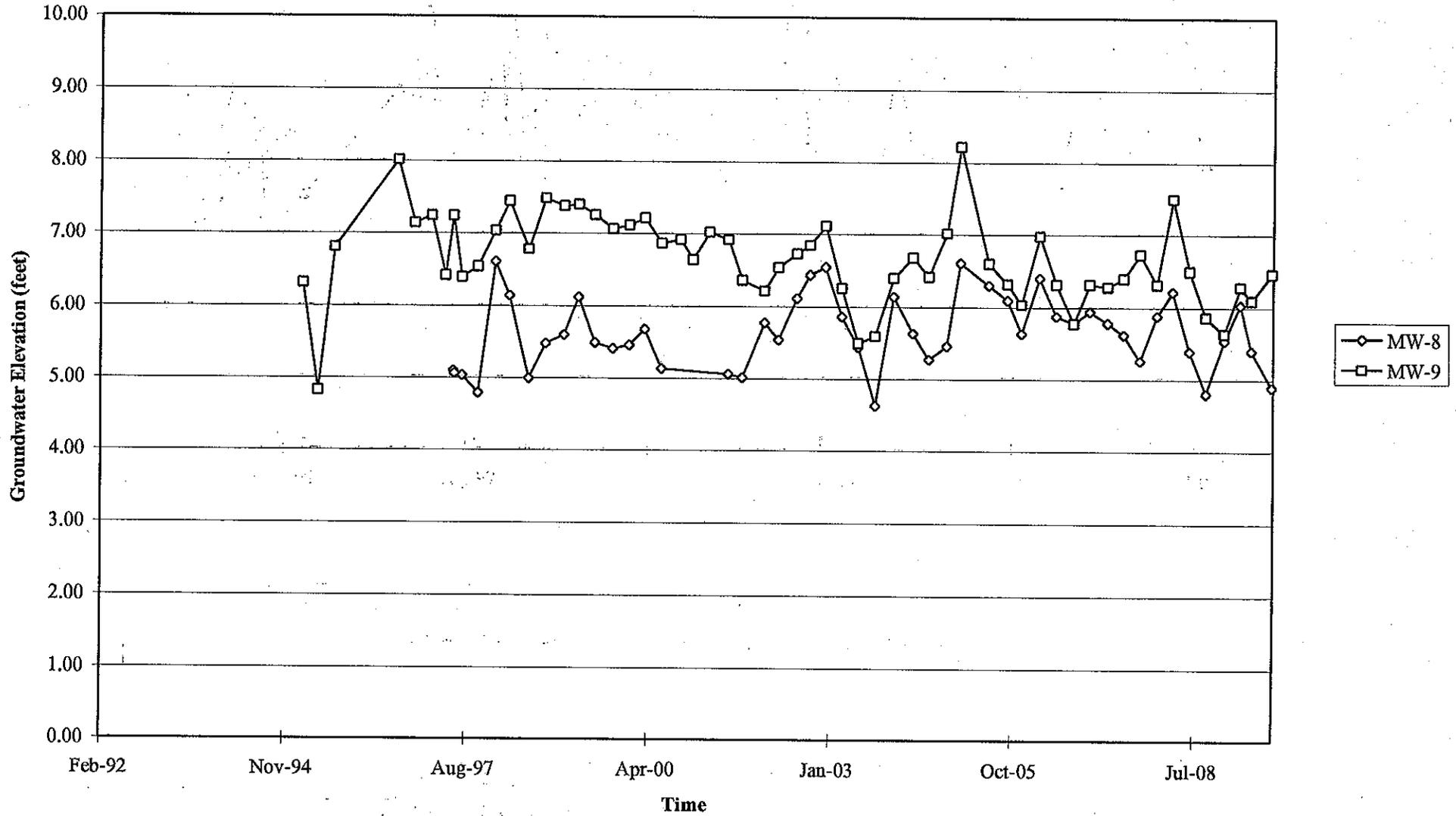
Groundwater Elevations vs. Time  
76 Station 5043



Elevations may have been corrected for apparent changes due to resurvey

# Groundwater Elevations vs. Time

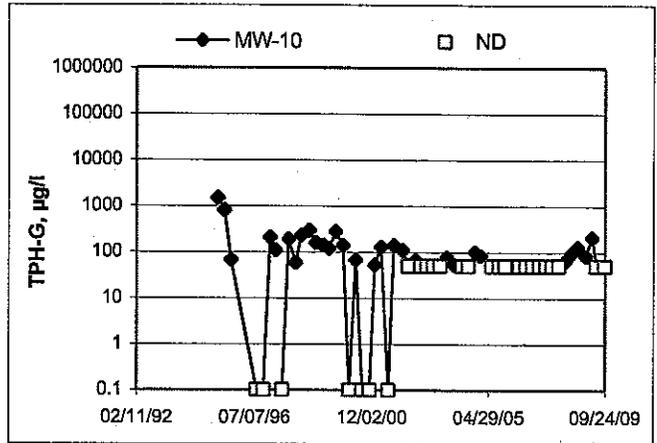
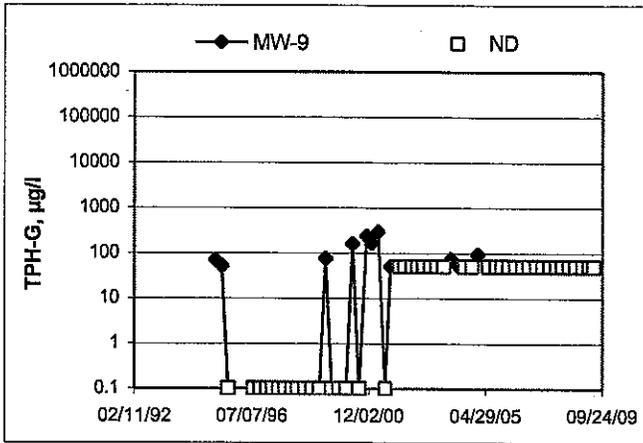
76 Station 5043



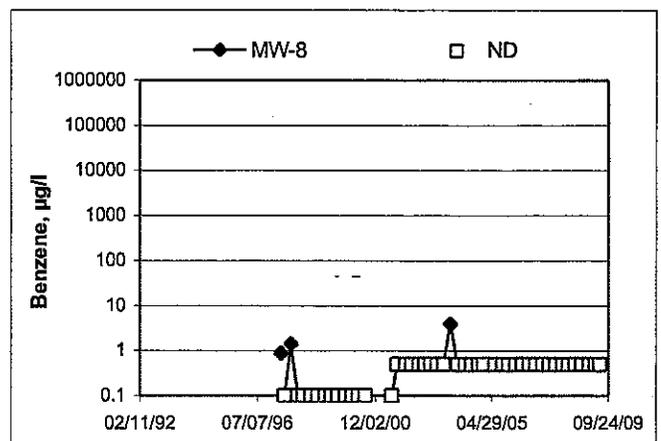
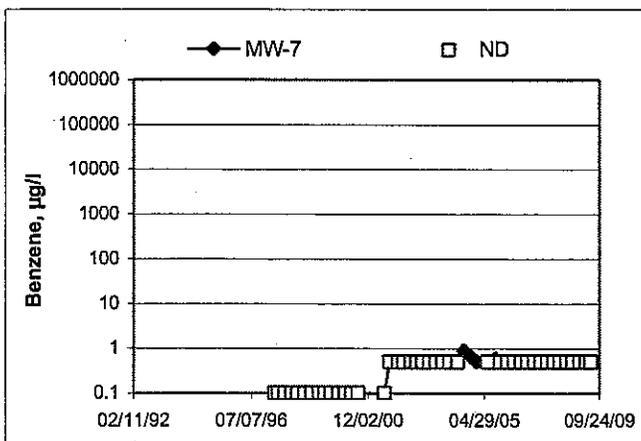
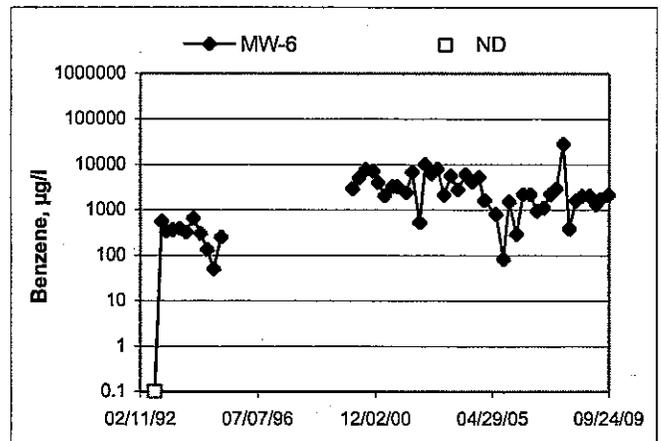
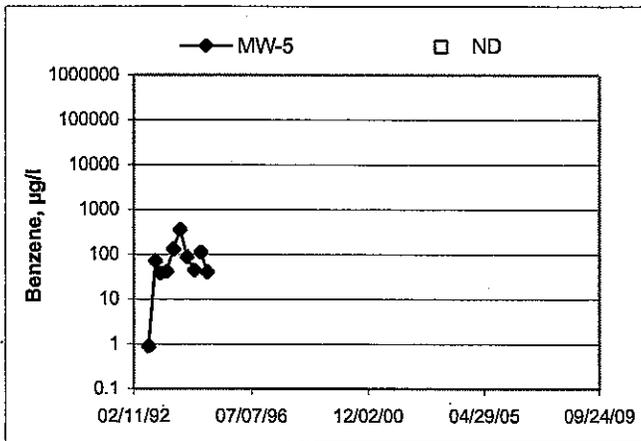
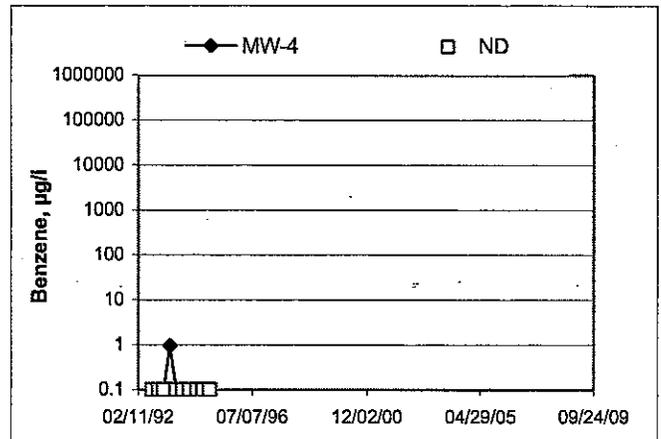
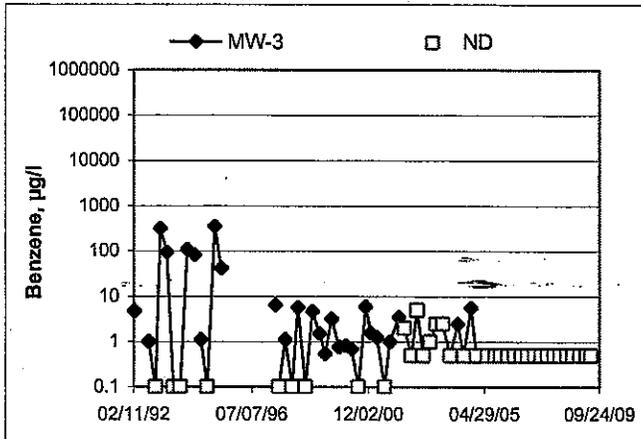
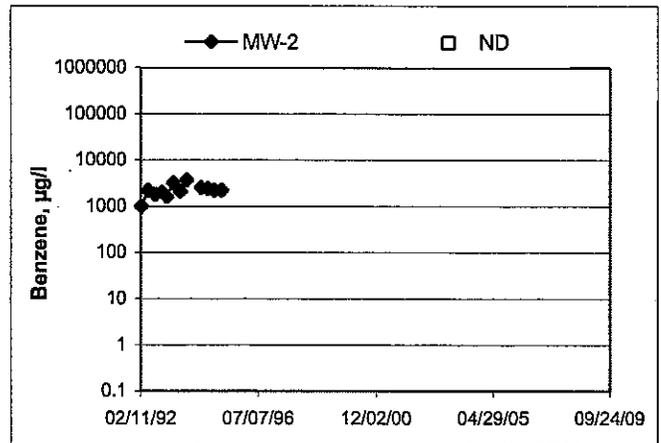
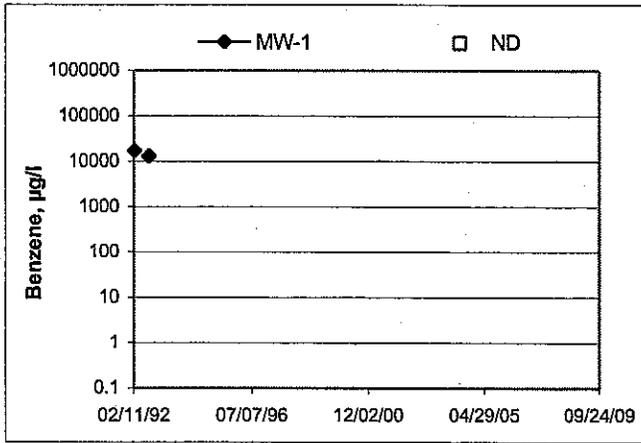
Elevations may have been corrected for apparent changes due to resurvey



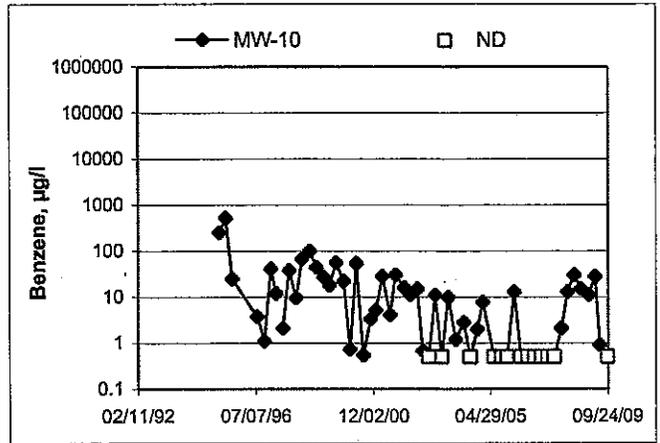
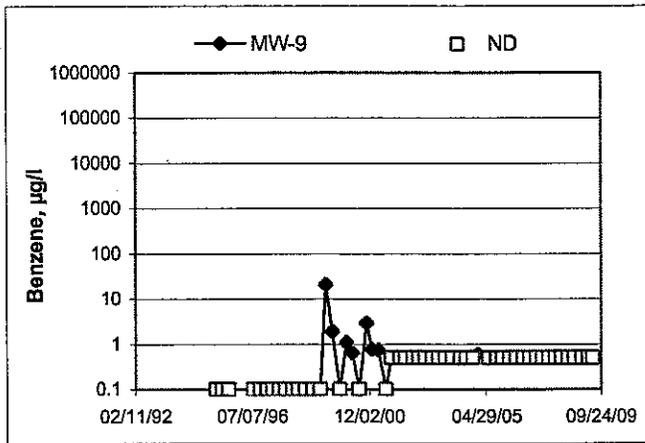
TPH-G Concentrations vs Time  
76 Station 5043



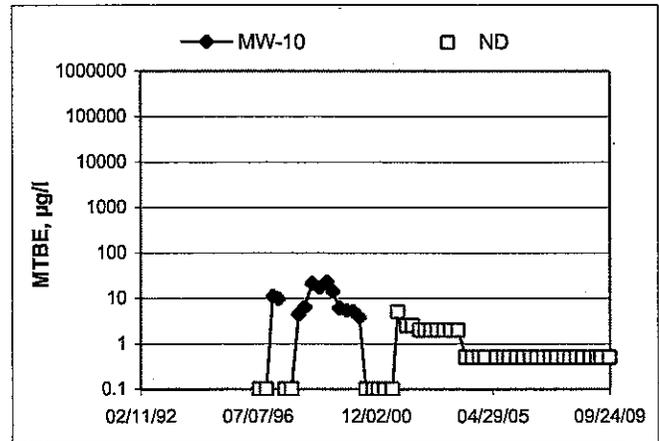
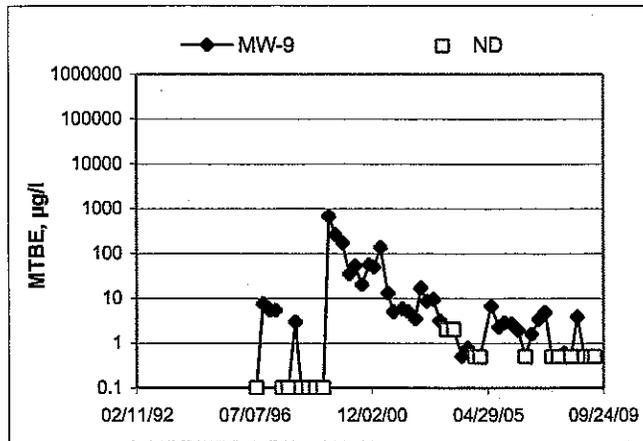
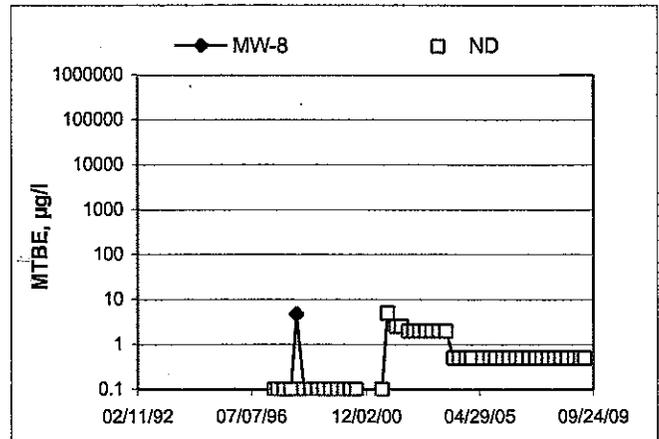
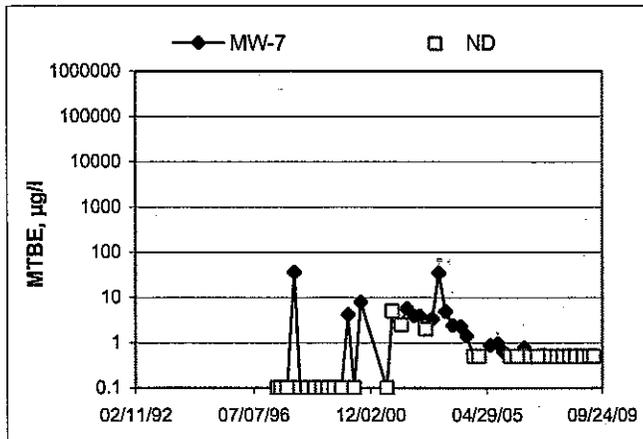
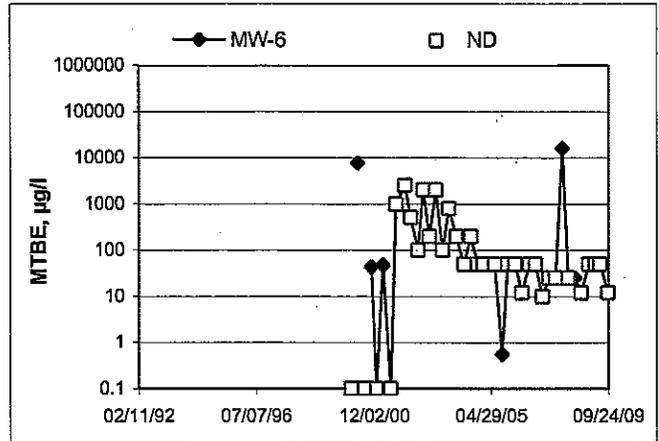
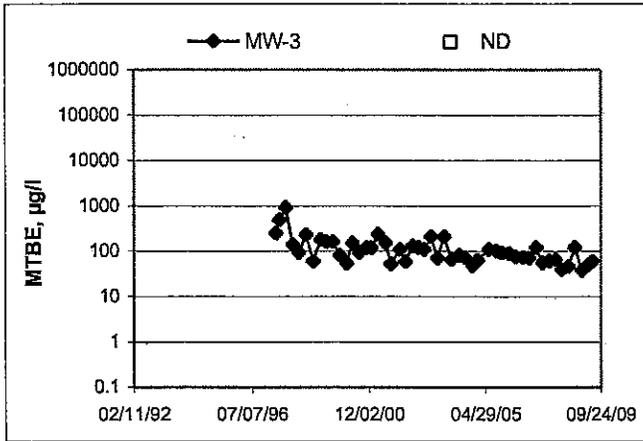
## Benzene Concentrations vs Time 76 Station 5043



### Benzene Concentrations vs Time 76 Station 5043



MTBE Concentrations vs Time  
76 Station 5043



# GENERAL FIELD PROCEDURES

## Groundwater Monitoring and Sampling Assignments

For each site, TRC technicians are provided with a Technical Service Request (TSR) that specifies activities required to complete the groundwater monitoring and sampling assignment for the site. TSRs are based on client directives, instructions from the primary environmental consultant for the site, regulatory requirements, and TRC's previous experience with the site.

## Fluid Level Measurements

Initial site activities include determination of well locations based on a site map provided with the TSR. Well boxes are opened and caps are removed. Indications of well or well box damage or of pressure buildup in the well are noted.

Fluid levels in each well are measured using a coated cloth tape equipped with an electronic interface probe, which distinguishes between liquid phase hydrocarbon (LPH) and water. The depth to LPH (if it is present), to water, and to the bottom of the well are measured from the top of the well casing (surveyors mark or notch if present) to the nearest 0.01 foot. Unless otherwise instructed, a well with less than 0.67 foot between the measured top of water and the measured bottom of the well casing is considered dry, and is not sampled. If the well contains 0.67 foot or more of water, an attempt is made to bail and/or sample as specified on the TSR.

Wells that are found to contain LPH are not purged or sampled. Instead, one casing volume of fluid is bailed from the well and the well is re-sealed. Bailed fluids are placed in a container separate from normal purge water, and properly disposed.

## Purging and Groundwater Parameter Measurement

TSR instructions may specify that a well not be purged (no-purge sampling), be purged using low-flow methods, or be purged using conventional pump and/or bail methods. Conventional purging generally consists of pumping or bailing until a minimum of three casing volumes of water have been removed or until the well has been pumped dry. Pumping is generally accomplished using submersible electric or pneumatic diaphragm pumps.

During conventional purging, three groundwater parameters (temperature, pH, and conductivity) are measured after removal of each casing volume. Stabilization of these parameters, to within 10 percent, confirm that sufficient purging has been completed. In some cases, the TSR indicates that other parameters are also to be measured during purging. TRC commonly measures dissolved oxygen (DO), oxidation-reduction potential (ORP), and/or turbidity. Instruments used for groundwater parameter measurements are calibrated daily according to manufacturer's instructions.

Low-flow purging utilizes a bladder or peristaltic pump to remove water from the well at a low rate. Groundwater parameters specified by the TSR are measured continuously until they become stable in general accordance with EPA guidelines.

Purge water is generally collected in labeled drums for disposal. Drums may be left on site for disposal by others, or transported to a collection location for eventual transfer to a licensed treatment or recycling facility. In some cases, purge water may be collected directly from the site by a licensed vacuum truck company, or may be treated on site by an active remediation system, if so directed.

## **Groundwater Sample Collection**

After wells are purged, or not purged, according to TSR instructions, samples are collected for laboratory analysis. For wells that have been purged using conventional pump or bail methods, sampling is conducted after the well has recovered to 80 percent of its original volume or after two hours if the well does not recover to at least 80 percent. If there is insufficient recharge of water in the well after two hours, the well is not sampled.

Samples are collected by lowering a new, disposable, ½-inch to 4-inch polyethylene bottom-fill bailer to just below the water level in the well. The bailer is retrieved and the water sample is carefully transferred to containers specified for the laboratory analytical methods indicated by the TSR. Particular care is given to containers for volatile organic analysis (VOAs) which require filling to zero headspace and fitting with Teflon-sealed caps.

After filling, all containers are labeled with project number (or site number), well designation, sample date, sample time, and the sampler's initials, and placed in an insulated chest with ice. Samples remain chilled prior to and during transport to a state-certified laboratory for analysis. Sample container descriptions and requested analyses are entered onto a chain-of-custody form in order to provide instructions to the laboratory. The chain-of-custody form accompanies the samples during transportation to provide a continuous record of possession from the field to the laboratory. If a freight or overnight carrier transports the samples, the carrier is noted on the form.

For wells that have been purged using low-flow methods, sample containers are filled from the effluent stream of the bladder or peristaltic pump. In some cases, if so specified by the TSR, samples are taken from the sample ports of actively pumping remediation wells.

## **Sequence of Gauging, Purging and Sampling**

The sequence in which monitoring activities are conducted is specified on the TSR. In general, wells are gauged beginning with the least affected well and ending with the well that has the highest concentration based on previous analytic results. After all gauging for the site is completed, wells are purged and/or sampled from the least-affected to the most-affected well.

## **Decontamination**

In order to reduce the possibility of cross contamination between wells, strict isolation and decontamination procedures are observed. Portable pumps are not used in wells with LPH. Technicians wear nitrile gloves during all gauging, purging, and sampling activities. Gloves are changed between wells and more often if warranted. Any equipment that could come in contact with fluids are either dedicated a particular well, decontaminated prior to each use, or discarded after a single use. Decontamination consists of washing in a solution of Liqui-nox and water and rinsing twice. The final rinse is in deionized water.

## **Exceptions**

Additional tasks or non-standard procedures, if any, that may be requested or required for a particular site, and noted on the site TSR, are documented in field notes on the following pages.



# GROUNDWATER SAMPLING FIELD NOTES

Technician: Ricky H

Site: 5043

Project No.: 165521

Date: 09/17/09

Well No. MW-10

Purge Method: Sub<sup>RH</sup> H.B

Depth to Water (feet): 3.85

Depth to Product (feet): —

Total Depth (feet): 12.75

LPH & Water Recovered (gallons): —

Water Column (feet): 8.90

Casing Diameter (Inches): 2"

80% Recharge Depth(feet): 5.63

1 Well Volume (gallons): 2

| Time Start             | Time Stop | Depth to Water (feet) | Volume Purged (gallons) | Conductivity (µS/cm) | Temperature (F, °C) | pH                   | D.O. (mg/L) | ORP | Turbidity |
|------------------------|-----------|-----------------------|-------------------------|----------------------|---------------------|----------------------|-------------|-----|-----------|
| Pre-Purge              |           |                       |                         |                      |                     |                      | 0.91        | 0   |           |
| <del>0722</del>        |           |                       | 2                       | 3054                 | 23.2                | 7.63                 |             |     |           |
| 0735                   |           |                       | 4                       | 2929                 | 23.2                | 6.65                 |             |     |           |
|                        | 0742      |                       | 6                       | 2620                 | 23.2                | 6.63                 | 0.27        | -13 |           |
|                        |           |                       |                         |                      |                     |                      |             |     |           |
| Static at Time Sampled |           |                       | Total Gallons Purged    |                      |                     | Sample Time          |             |     |           |
| 3.85                   |           |                       | 6                       |                      |                     | <del>3.85</del> 0750 |             |     |           |
| Comments:              |           |                       |                         |                      |                     |                      |             |     |           |

Well No. MW.6

Purge Method: Sub<sup>RH</sup> H.B

Depth to Water (feet): 3.64

Depth to Product (feet): —

Total Depth (feet): +6<sup>RH</sup> 12.78

LPH & Water Recovered (gallons): —

Water Column (feet): 9.14

Casing Diameter (Inches): 2"

80% Recharge Depth(feet): 5.47

1 Well Volume (gallons): 2

| Time Start             | Time Stop | Depth to Water (feet) | Volume Purged (gallons) | Conductivity (µS/cm) | Temperature (F, °C) | pH          | D.O. (mg/L) | ORP | Turbidity |
|------------------------|-----------|-----------------------|-------------------------|----------------------|---------------------|-------------|-------------|-----|-----------|
| Pre-Purge              |           |                       |                         |                      |                     |             | 0.76        | -45 |           |
| 0722                   |           |                       | 2                       | 3189                 | 24.0                | 7.06        |             |     |           |
|                        |           |                       | 4                       | 3811                 | 23.3                | 6.50        |             |     |           |
|                        | 0730      |                       | 6                       | 4720                 | 22.1                | 6.55        | 1.04        | -69 |           |
|                        |           |                       |                         |                      |                     |             |             |     |           |
| Static at Time Sampled |           |                       | Total Gallons Purged    |                      |                     | Sample Time |             |     |           |
| 7.12                   |           |                       | 6                       |                      |                     | 0931        |             |     |           |
| Comments:              |           |                       |                         |                      |                     |             |             |     |           |



**Laboratories, Inc.**

Environmental Testing Laboratory Since 1949

Date of Report: 10/01/2009

Anju Farfan

TRC

21 Technology Drive  
Irvine, CA 92618

RE: 5043

BC Work Order: 0912374

Invoice ID: B068879

Enclosed are the results of analyses for samples received by the laboratory on 9/17/2009. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Contact Person: Molly Meyers  
Client Service Rep

Authorized Signature



TRC  
21 Technology Drive  
Irvine, CA 92618

Project: 5043  
Project Number: 15964  
Project Manager: Anju Farfan

Reported: 10/01/2009 13:27

### Laboratory / Client Sample Cross Reference

| Laboratory | Client Sample Information |       |  |                |                  |                                 |
|------------|---------------------------|-------|--|----------------|------------------|---------------------------------|
| 0912374-01 | COC Number:               | ---   |  | Receive Date:  | 09/17/2009 20:58 | Delivery Work Order:            |
|            | Project Number:           | 5043  |  | Sampling Date: | 09/17/2009 07:50 | Global ID: T0600101476          |
|            | Sampling Location:        | ---   |  | Sample Depth:  | ---              | Location ID (FieldPoint): MW-10 |
|            | Sampling Point:           | MW-10 |  | Sample Matrix: | Water            | Matrix: W                       |
|            | Sampled By:               | TRCI  |  |                |                  | Sample QC Type (SACode): CS     |
|            |                           |       |  |                |                  | Cooler ID:                      |
| 0912374-02 | COC Number:               | ---   |  | Receive Date:  | 09/17/2009 20:58 | Delivery Work Order:            |
|            | Project Number:           | 5043  |  | Sampling Date: | 09/17/2009 09:31 | Global ID: T0600101476          |
|            | Sampling Location:        | ---   |  | Sample Depth:  | ---              | Location ID (FieldPoint): MW-6  |
|            | Sampling Point:           | MW-6  |  | Sample Matrix: | Water            | Matrix: W                       |
|            | Sampled By:               | TRCI  |  |                |                  | Sample QC Type (SACode): CS     |
|            |                           |       |  |                |                  | Cooler ID:                      |



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Project: 5043  
Project Number: 15964  
Project Manager: Anju Farfan

Reported: 10/01/2009 13:27

### Volatile Organic Analysis (EPA Method 8260)

| BCL Sample ID: 0912374-01              |        | Client Sample Name: 5043, MW-10, 9/17/2009 7:50:00AM |                      |             |           |                |         |                |          |             |         |            |
|--|--------|--|----------------------|-------------|-----------|----------------|---------|----------------|----------|-------------|---------|------------|
| Constituent                            | Result | Units  | PQL                  | Method      | Prep Date | Run Date/Time  | Analyst | Instru-ment ID | Dilution | QC Batch ID | MB Bias | Lab Quails |
| Benzene                                | ND     | ug/L   | 0.50                 | EPA-8260    | 09/18/09  | 09/21/09 15:11 | KEA     | MS-V12         | 1        | BSI1093     | ND      |            |
| Ethylbenzene                           | ND     | ug/L   | 0.50                 | EPA-8260    | 09/18/09  | 09/21/09 15:11 | KEA     | MS-V12         | 1        | BSI1093     | ND      |            |
| Methyl t-butyl ether                   | ND     | ug/L   | 0.50                 | EPA-8260    | 09/18/09  | 09/21/09 15:11 | KEA     | MS-V12         | 1        | BSI1093     | ND      |            |
| Toluene                                | ND     | ug/L   | 0.50                 | EPA-8260    | 09/18/09  | 09/21/09 15:11 | KEA     | MS-V12         | 1        | BSI1093     | ND      |            |
| Total Xylenes                          | ND     | ug/L   | 1.0                  | EPA-8260    | 09/18/09  | 09/21/09 15:11 | KEA     | MS-V12         | 1        | BSI1093     | ND      |            |
| Ethanol                                | ND     | ug/L   | 250                  | EPA-8260    | 09/18/09  | 09/21/09 15:11 | KEA     | MS-V12         | 1        | BSI1093     | ND      |            |
| Total Purgeable Petroleum Hydrocarbons | ND     | ug/L   | 50                   | Luft-GC/M S | 09/18/09  | 09/21/09 15:11 | KEA     | MS-V12         | 1        | BSI1093     | ND      |            |
| 1,2-Dichloroethane-d4 (Surrogate)      | 99.2   | %  | 76 - 114 (LCL - UCL) | EPA-8260    | 09/18/09  | 09/21/09 15:11 | KEA     | MS-V12         | 1        | BSI1093     |         |            |
| Toluene-d8 (Surrogate)                 | 98.0   | %  | 88 - 110 (LCL - UCL) | EPA-8260    | 09/18/09  | 09/21/09 15:11 | KEA     | MS-V12         | 1        | BSI1093     |         |            |
| 4-Bromofluorobenzene (Surrogate)       | 102    | %  | 86 - 115 (LCL - UCL) | EPA-8260    | 09/18/09  | 09/21/09 15:11 | KEA     | MS-V12         | 1        | BSI1093     |         |            |

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TRC  
21 Technology Drive  
Irvine, CA 92618

Project: 5043  
Project Number: 15964  
Project Manager: Anju Farfan

Reported: 10/01/2009-13:27

### Total Petroleum Hydrocarbons (Silica Gel Treated)

| BCL Sample ID: 0912374-01         |        | Client Sample Name: 5043, MW-10, 9/17/2009 7:50:00AM |                      |          |          |                |                    |          |         |          |      |       |
|-----------------------------------|--------|--|----------------------|----------|----------|----------------|--------------------|----------|---------|----------|------|-------|
| Constituent                       | Result | Units  | PQL                  | Method   | Prep     | Run            | Instru-<br>ment ID | Dilution | QC      | MB       | Lab  |       |
|                                   |        |  |                      |          | Date     | Date/Time      |                    |          | Analyst | Batch ID | Bias | Quals |
| Diesel Range Organics (C12 - C24) | 65     | ug/L   | 50                   | Luf/TPHd | 09/21/09 | 09/29/09 01:52 | OAA                | GC-5     | 1.010   | BSI1659  | ND   |       |
| Tetracosane (Surrogate)           | 109    | %  | 28 - 139 (LCL - UCL) | Luf/TPHd | 09/21/09 | 09/29/09 01:52 | OAA                | GC-5     | 1.010   | BSI1659  |      |       |

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Irvine, CA 92618

Project: 5043  
Project Number: 15964  
Project Manager: Anju Farfan

Reported: 10/01/2009 13:27

### Water Analysis (General Chemistry)

BCL Sample ID: 0912374-01      Client Sample Name: 5043, MVV-10, 9/17/2009 7:50:00AM

| Constituent    | Result | Units | PQL  | Method    | Prep     | Run            | Analyst | Instru-<br>ment ID | Dilution | QC       | MB   | Lab<br>Quals |
|----------------|--------|-------|------|-----------|----------|----------------|---------|--------------------|----------|----------|------|--------------|
|                |        |       |      |           | Date     | Date/Time      |         |                    |          | Batch ID | Bias |              |
| Nitrate as NO3 | 12     | mg/L  | 0.88 | EPA-300.0 | 09/18/09 | 09/18/09 15:58 | CRR     | IC1                | 2        | BSI1160  | ND   | A01          |
| Sulfate        | 84     | mg/L  | 2.0  | EPA-300.0 | 09/18/09 | 09/18/09 15:58 | CRR     | IC1                | 2        | BSI1160  | ND   | A01          |

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Project: 5043  
Project Number: 15964  
Project Manager: Anju Farfan

Reported: 10/01/2009 13:27

### Water Analysis (Metals)

| BCL Sample ID: 0912374-01 |        | Client Sample Name: 5043, MW-10, 9/17/2009 7:50:00AM |     |               |          |                |         |                    |          |          |      |       |
|---------------------------|--------|--|-----|---------------|----------|----------------|---------|--------------------|----------|----------|------|-------|
| Constituent               | Result | Units  | PQL | Method        | Prep     | Run            | Analyst | Instru-<br>ment ID | Dilution | QC       | MB   | Lab   |
|                           |        |  |     |               | Date     | Date/Time      |         |                    |          | Batch ID | Blas | Quals |
| Total Iron                | 9800   | ug/L   | 50  | EPA-6010<br>B | 09/22/09 | 09/23/09 09:58 | ARD     | PE-OP1             | 1        | BS11266  | ND   |       |

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Project: 5043  
Project Number: 15964  
Project Manager: Anju Farfan

Reported: 10/01/2009 13:27

### Volatile Organic Analysis (EPA Method 8260)

| BCL Sample ID: 0912374-02              |        | Client Sample Name: 5043, MW-6, 9/17/2009 9:31:00AM |                      |            |           |                |         |                |          |             |         |           |
|--|--------|---|----------------------|------------|-----------|----------------|---------|----------------|----------|-------------|---------|-----------|
| Constituent                            | Result | Units   | PQL                  | Method     | Prep Date | Run Date/Time  | Analyst | Instru-ment ID | Dilution | QC Batch ID | MB Bias | Lab Quals |
| Benzene                                | 2100   | ug/L  | 100                  | EPA-8260   | 09/18/09  | 09/21/09 14:52 | KEA     | MS-V12         | 200      | BSI1093     | ND      | A01       |
| Ethylbenzene                           | 2600   | ug/L  | 100                  | EPA-8260   | 09/18/09  | 09/21/09 14:52 | KEA     | MS-V12         | 200      | BSI1093     | ND      | A01       |
| Methyl t-butyl ether                   | ND     | ug/L  | 12                   | EPA-8260   | 09/18/09  | 09/19/09 00:58 | KEA     | MS-V12         | 25       | BSI1093     | ND      | A01       |
| Toluene                                | 1400   | ug/L  | 12                   | EPA-8260   | 09/18/09  | 09/19/09 00:58 | KEA     | MS-V12         | 25       | BSI1093     | ND      | A01       |
| Total Xylenes                          | 8500   | ug/L  | 200                  | EPA-8260   | 09/18/09  | 09/21/09 14:52 | KEA     | MS-V12         | 200      | BSI1093     | ND      | A01       |
| Ethanol                                | ND     | ug/L  | 6200                 | EPA-8260   | 09/18/09  | 09/19/09 00:58 | KEA     | MS-V12         | 25       | BSI1093     | ND      | A01       |
| Total Purgeable Petroleum Hydrocarbons | 77000  | ug/L  | 10000                | Luft-GC/MS | 09/18/09  | 09/21/09 14:52 | KEA     | MS-V12         | 200      | BSI1093     | ND      | A01       |
| 1,2-Dichloroethane-d4 (Surrogate)      | 103    | %   | 76 - 114 (LCL - UCL) | EPA-8260   | 09/18/09  | 09/19/09 00:58 | KEA     | MS-V12         | 25       | BSI1093     |         |           |
| 1,2-Dichloroethane-d4 (Surrogate)      | 103    | %   | 76 - 114 (LCL - UCL) | EPA-8260   | 09/18/09  | 09/21/09 14:52 | KEA     | MS-V12         | 200      | BSI1093     |         |           |
| Toluene-d8 (Surrogate)                 | 98.6   | %   | 88 - 110 (LCL - UCL) | EPA-8260   | 09/18/09  | 09/21/09 14:52 | KEA     | MS-V12         | 200      | BSI1093     |         |           |
| Toluene-d8 (Surrogate)                 | 102    | %   | 88 - 110 (LCL - UCL) | EPA-8260   | 09/18/09  | 09/19/09 00:58 | KEA     | MS-V12         | 25       | BSI1093     |         |           |
| 4-Bromofluorobenzene (Surrogate)       | 107    | %   | 86 - 115 (LCL - UCL) | EPA-8260   | 09/18/09  | 09/19/09 00:58 | KEA     | MS-V12         | 25       | BSI1093     |         |           |
| 4-Bromofluorobenzene (Surrogate)       | 99.6   | %   | 86 - 115 (LCL - UCL) | EPA-8260   | 09/18/09  | 09/21/09 14:52 | KEA     | MS-V12         | 200      | BSI1093     |         |           |

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Project Number: 15964  
Project Manager: Anju Farfan

Reported: 10/01/2009 13:27

### Total Petroleum Hydrocarbons (Silica Gel Treated)

| BCL Sample ID: 0912374-02         |        | Client Sample Name: 5043, MW-6, 9/17/2009 9:31:00AM |                      |          |          |           |         |          |                    |          |         |    |            |              |
|-----------------------------------|--------|---|----------------------|----------|----------|-----------|---------|----------|--------------------|----------|---------|----|------------|--------------|
| Constituent                       | Result | Units   | PQL                  | Method   | Prep     |           | Run     |          | Instru-<br>ment ID | Dilution | QC      |    | MB<br>Bias | Lab<br>Quals |
|                                   |        |   |                      |          | Date     | Date/Time | Analyst | Batch ID |                    |          |         |    |            |              |
| Diesel Range Organics (C12 - C24) | 250000 | ug/L  | 25000                | Luf/TPHd | 09/21/09 | 09/29/09  | 11:31   | OAA      | GC-5               | 605.05   | BSI1659 | ND | A01,A52    |              |
| Tetracosane (Surrogate)           | 0      | %   | 28 - 139 (LCL - UCL) | Luf/TPHd | 09/21/09 | 09/29/09  | 11:31   | OAA      | GC-5               | 505.05   | BSI1659 |    | A01,A17    |              |

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Project: 5043  
Project Number: 15964  
Project Manager: Anju Farfan

Reported: 10/01/2009 13:27

### Water Analysis (General Chemistry)

| BCL Sample ID: 0912374-02 |        | Client Sample Name: 5043, MVV-6, 9/17/2009 9:31:00AM |      |           |           |                |         |                |          |             |         |           |
|---------------------------|--------|--|------|-----------|-----------|----------------|---------|----------------|----------|-------------|---------|-----------|
| Constituent               | Result | Units  | PQL  | Method    | Prep Date | Run Date/Time  | Analyst | Instru-ment ID | Dilution | QC Batch ID | MB Bias | Lab Quals |
| Nitrate as NO3            | ND     | mg/L   | 0.44 | EPA-300.0 | 09/18/09  | 09/18/09 19:20 | CRR     | IC1            | 1        | BSI1160     | ND      |           |
| Sulfate                   | ND     | mg/L   | 1.0  | EPA-300.0 | 09/18/09  | 09/22/09 03:09 | VH1     | IC1            | 1        | BSI1160     | ND      |           |

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Project Number: 15964  
Project Manager: Anju Farfan

Reported: 10/01/2009 13:27

### Water Analysis (Metals)

| BCL Sample ID: 0912374-02 |        | Client Sample Name: 5043, MW-6, 9/17/2009 9:31:00AM |     |               |           |                |         |               |          |             |         |           |
|---------------------------|--------|---|-----|---------------|-----------|----------------|---------|---------------|----------|-------------|---------|-----------|
| Constituent               | Result | Units   | PQL | Method        | Prep Date | Run Date/Time  | Analyst | Instrument ID | Dilution | QC Batch ID | MB Bias | Lab Quals |
| Total Iron                | 1500   | ug/L  | 50  | EPA-6010<br>B | 09/22/09  | 09/23/09 10:00 | ARD     | PE-OP1        | 1        | BS11266     | ND      |           |

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Project: 5043  
Project Number: 15964  
Project Manager: Anju Farfan

Reported: 10/01/2009 13:27

## Volatile Organic Analysis (EPA Method 8260)

### Quality Control Report - Precision & Accuracy

| Constituent                       | Batch ID | QC Sample Type         | Source<br>Sample ID | Source<br>Result | Result | Spike<br>Added | Units | Percent<br>RPD | Percent<br>Recovery | Control Limits |                     | Lab Quals |
|-----------------------------------|----------|------------------------|---------------------|------------------|--------|----------------|-------|----------------|---------------------|----------------|---------------------|-----------|
|                                   |          |                        |                     |                  |        |                |       |                |                     | RPD            | Percent<br>Recovery |           |
| Benzene                           | BSI1093  | Matrix Spike           | 0911528-42          | 0                | 27.820 | 25.000         | ug/L  |                | 111                 |                | 70 - 130            |           |
|                                   |          | Matrix Spike Duplicate | 0911528-42          | 0                | 28.490 | 25.000         | ug/L  | 2.4            | 114                 | 20             | 70 - 130            |           |
| Toluene                           | BSI1093  | Matrix Spike           | 0911528-42          | 0                | 27.270 | 25.000         | ug/L  |                | 109                 |                | 70 - 130            |           |
|                                   |          | Matrix Spike Duplicate | 0911528-42          | 0                | 27.090 | 25.000         | ug/L  | 0.7            | 108                 | 20             | 70 - 130            |           |
| 1,2-Dichloroethane-d4 (Surrogate) | BSI1093  | Matrix Spike           | 0911528-42          | ND               | 9.5900 | 10.000         | ug/L  |                | 95.9                |                | 76 - 114            |           |
|                                   |          | Matrix Spike Duplicate | 0911528-42          | ND               | 9.4300 | 10.000         | ug/L  |                | 94.3                |                | 76 - 114            |           |
| Toluene-d8 (Surrogate)            | BSI1093  | Matrix Spike           | 0911528-42          | ND               | 9.9900 | 10.000         | ug/L  |                | 99.9                |                | 88 - 110            |           |
|                                   |          | Matrix Spike Duplicate | 0911528-42          | ND               | 9.9400 | 10.000         | ug/L  |                | 99.4                |                | 88 - 110            |           |
| 4-Bromofluorobenzene (Surrogate)  | BSI1093  | Matrix Spike           | 0911528-42          | ND               | 9.9400 | 10.000         | ug/L  |                | 99.4                |                | 86 - 115            |           |
|                                   |          | Matrix Spike Duplicate | 0911528-42          | ND               | 9.8500 | 10.000         | ug/L  |                | 98.5                |                | 86 - 115            |           |

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**BC Laboratories, Inc.**

Environmental Testing Laboratory Since 1949



TRC  
21 Technology Drive  
Irvine, CA 92618

Project: 5043  
Project Number: 15964  
Project Manager: Anju Farfan

Reported: 10/01/2009 13:27

## Total Petroleum Hydrocarbons (Silica Gel Treated)

### Quality Control Report - Precision & Accuracy

| Constituent                       | Batch ID | QC Sample Type         | Source<br>Sample ID | Source<br>Result | Result | Spike<br>Added | Units | RPD  | Percent<br>Recovery | Control Limits |                               |
|-----------------------------------|----------|------------------------|---------------------|------------------|--------|----------------|-------|------|---------------------|----------------|-------------------------------|
|                                   |          |                        |                     |                  |        |                |       |      |                     | RPD            | Percent<br>Recovery Lab Quals |
| Diesel Range Organics (C12 - C24) | BSI1659  | Matrix Spike           | 0909743-96          | 23.530           | 406.72 | 500.00         | ug/L  |      | 76.6                |                | 36 - 130                      |
|                                   |          | Matrix Spike Duplicate | 0909743-96          | 23.530           | 369.99 | 500.00         | ug/L  | 10.1 | 69.3                | 30             | 36 - 130                      |
| Tetracosane (Surrogate)           | BSI1659  | Matrix Spike           | 0909743-96          | ND               | 15.463 | 20.000         | ug/L  |      | 77.3                |                | 28 - 139                      |
|                                   |          | Matrix Spike Duplicate | 0909743-96          | ND               | 15.382 | 20.000         | ug/L  |      | 76.9                |                | 28 - 139                      |

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Project Manager: Anju Farfan

Reported: 10/01/2009 13:27

### Water Analysis (General Chemistry)

#### Quality Control Report - Precision & Accuracy

| Constituent    | Batch ID | QC Sample Type         | Source<br>Sample ID | Source<br>Result | Result | Spike<br>Added | Units | RPD | Percent<br>Recovery | Control Limits |                              |
|----------------|----------|------------------------|---------------------|------------------|--------|----------------|-------|-----|---------------------|----------------|------------------------------|
|                |          |                        |                     |                  |        |                |       |     |                     | RPD            | Percent<br>Recovery Lab Quas |
| Nitrate as NO3 | BSI1160  | Duplicate              | 0912374-01          | 12.138           | 12.165 |                | mg/L  | 0.2 |                     | 10             |                              |
|                |          | Matrix Spike           | 0912374-01          | 12.138           | 56.475 | 44.715         | mg/L  |     | 99.2                |                | 80 - 120                     |
|                |          | Matrix Spike Duplicate | 0912374-01          | 12.138           | 56.466 | 44.715         | mg/L  | 0.0 | 99.1                | 10             | 80 - 120                     |
| Sulfate        | BSI1160  | Duplicate              | 0912374-01          | 84.378           | 84.616 |                | mg/L  | 0.3 |                     | 10             |                              |
|                |          | Matrix Spike           | 0912374-01          | 84.378           | 293.41 | 202.02         | mg/L  |     | 103                 |                | 80 - 120                     |
|                |          | Matrix Spike Duplicate | 0912374-01          | 84.378           | 294.84 | 202.02         | mg/L  | 0.7 | 104                 | 10             | 80 - 120                     |

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## Water Analysis (Metals)

### Quality Control Report - Precision & Accuracy

| Constituent | Batch ID | QC Sample Type         | Source<br>Sample ID | Source<br>Result | Result | Spike<br>Added | Units | RPD | Percent<br>Recovery | Control Limits |                     |           |
|-------------|----------|------------------------|---------------------|------------------|--------|----------------|-------|-----|---------------------|----------------|---------------------|-----------|
|             |          |                        |                     |                  |        |                |       |     |                     | RPD            | Percent<br>Recovery | Lab Quals |
| Total Iron  | BSI1266  | Duplicate              | 0912355-01          | 19001            | 18646  |                | ug/L  | 1.9 |                     | 20             |                     |           |
|             |          | Matrix Spike           | 0912355-01          | 19001            | 20379  | 1000.0         | ug/L  |     | 138                 |                | 75 - 125            | A03       |
|             |          | Matrix Spike Duplicate | 0912355-01          | 19001            | 20388  | 1000.0         | ug/L  | 0.7 | 139                 | 20             | 75 - 125            | A03       |

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## Volatile Organic Analysis (EPA Method 8260)

### Quality Control Report - Laboratory Control Sample

| Constituent                       | Batch ID | QC Sample ID | QC Type | Result | Spike Level | PQL  | Units | Percent Recovery | RPD | Control Limits   |     | Lab Quals |
|-----------------------------------|----------|--------------|---------|--------|-------------|------|-------|------------------|-----|------------------|-----|-----------|
|                                   |          |              |         |        |             |      |       |                  |     | Percent Recovery | RPD |           |
| Benzene                           | BSI1093  | BSI1093-BS1  | LCS     | 26.280 | 25.000      | 0.50 | ug/L  | 105              |     | 70 - 130         |     |           |
| Toluene                           | BSI1093  | BSI1093-BS1  | LCS     | 26.070 | 25.000      | 0.50 | ug/L  | 104              |     | 70 - 130         |     |           |
| 1,2-Dichloroethane-d4 (Surrogate) | BSI1093  | BSI1093-BS1  | LCS     | 9.4000 | 10.000      |      | ug/L  | 94.0             |     | 76 - 114         |     |           |
| Toluene-d8 (Surrogate)            | BSI1093  | BSI1093-BS1  | LCS     | 10.040 | 10.000      |      | ug/L  | 100              |     | 88 - 110         |     |           |
| 4-Bromofluorobenzene (Surrogate)  | BSI1093  | BSI1093-BS1  | LCS     | 10.290 | 10.000      |      | ug/L  | 103              |     | 86 - 115         |     |           |

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## Total Petroleum Hydrocarbons (Silica Gel Treated)

### Quality Control Report - Laboratory Control Sample

| Constituent                       | Batch ID | QC Sample ID | QC Type | Result | Spike Level | PQL | Units | Percent Recovery | RPD | Control Limits   |     | Lab Quals |
|-----------------------------------|----------|--------------|---------|--------|-------------|-----|-------|------------------|-----|------------------|-----|-----------|
|                                   |          |              |         |        |             |     |       |                  |     | Percent Recovery | RPD |           |
| Diesel Range Organics (C12 - C24) | BSI1659  | BSI1659-BS1  | LCS     | 395.04 | 500.00      | 50  | ug/L  | 79.0             |     | 48 - 125         |     |           |
| Tetracosane (Surrogate)           | BSI1659  | BSI1659-BS1  | LCS     | 16.394 | 20.000      |     | ug/L  | 82.0             |     | 28 - 139         |     |           |

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## Water Analysis (General Chemistry)

### Quality Control Report - Laboratory Control Sample

| Constituent    | Batch ID | QC Sample ID | QC Type | Result | Spike Level | PQL  | Units | Percent Recovery | RPD | Control Limits   |     | Lab Quals |
|----------------|----------|--------------|---------|--------|-------------|------|-------|------------------|-----|------------------|-----|-----------|
|                |          |              |         |        |             |      |       |                  |     | Percent Recovery | RPD |           |
| Nitrate as NO3 | BSI1160  | BSI1160-BS1  | LCS     | 22.134 | 22.134      | 0.44 | mg/L  | 100              |     | 90 - 110         |     |           |
| Sulfate        | BSI1160  | BSI1160-BS1  | LCS     | 100.52 | 100.00      | 1.0  | mg/L  | 101              |     | 90 - 110         |     |           |

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Project Number: 15964  
Project Manager: Anju Farfan

Reported: 10/01/2009 13:27

## Water Analysis (Metals)

### Quality Control Report - Laboratory Control Sample

| Constituent | Batch ID | QC Sample ID | QC Type | Result | Spike Level | PQL | Units | Percent Recovery | RPD | Control Limits   |     | Lab Quals |
|-------------|----------|--------------|---------|--------|-------------|-----|-------|------------------|-----|------------------|-----|-----------|
|             |          |              |         |        |             |     |       |                  |     | Percent Recovery | RPD |           |
| Total Iron  | BSI1266  | BSI1266-BS1  | LCS     | 1125.9 | 1000.0      | 50  | ug/L  | 113              |     | 85 - 115         |     |           |

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## Volatile Organic Analysis (EPA Method 8260)

### Quality Control Report - Method Blank Analysis

| Constituent                            | Batch ID | QC Sample ID | MB Result | Units | PQL  | MDL                  | Lab Quals |
|--|----------|--------------|-----------|-------|------|----------------------|-----------|
| Benzene                                | BSI1093  | BSI1093-BLK1 | ND        | ug/L  | 0.50 |                      |           |
| Ethylbenzene                           | BSI1093  | BSI1093-BLK1 | ND        | ug/L  | 0.50 |                      |           |
| Methyl t-butyl ether                   | BSI1093  | BSI1093-BLK1 | ND        | ug/L  | 0.50 |                      |           |
| Toluene                                | BSI1093  | BSI1093-BLK1 | ND        | ug/L  | 0.50 |                      |           |
| Total Xylenes                          | BSI1093  | BSI1093-BLK1 | ND        | ug/L  | 1.0  |                      |           |
| Ethanol                                | BSI1093  | BSI1093-BLK1 | ND        | ug/L  | 250  |                      |           |
| Total Purgeable Petroleum Hydrocarbons | BSI1093  | BSI1093-BLK1 | ND        | ug/L  | 50   |                      |           |
| 1,2-Dichloroethane-d4 (Surrogate)      | BSI1093  | BSI1093-BLK1 | 98.7      | %     |      | 76 - 114 (LCL - UCL) |           |
| Toluene-d8 (Surrogate)                 | BSI1093  | BSI1093-BLK1 | 99.4      | %     |      | 88 - 110 (LCL - UCL) |           |
| 4-Bromofluorobenzene (Surrogate)       | BSI1093  | BSI1093-BLK1 | 98.9      | %     |      | 86 - 115 (LCL - UCL) |           |

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Project Number: 15964  
Project Manager: Anju Farfan

Reported: 10/01/2009 13:27

## Total Petroleum Hydrocarbons (Silica Gel Treated)

### Quality Control Report - Method Blank Analysis

| Constituent                       | Batch ID | QC Sample ID | MB Result | Units | PQL                  | MDL | Lab Quals |
|-----------------------------------|----------|--------------|-----------|-------|----------------------|-----|-----------|
| Diesel Range Organics (C12 - C24) | BSI1659  | BSI1659-BLK1 | ND        | ug/L  | 50                   |     |           |
| Tetracosane (Surrogate)           | BSI1659  | BSI1659-BLK1 | 74.1      | %     | 28 - 139 (LCL - UCL) |     |           |

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## Water Analysis (General Chemistry)

### Quality Control Report - Method Blank Analysis

| Constituent    | Batch ID | QC Sample ID | MB Result | Units | PQL  | MDL | Lab Quals |
|----------------|----------|--------------|-----------|-------|------|-----|-----------|
| Nitrate as NO3 | BSI1160  | BSI1160-BLK1 | ND        | mg/L  | 0.44 |     |           |
| Sulfate        | BSI1160  | BSI1160-BLK1 | ND        | mg/L  | 1.0  |     |           |

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## Water Analysis (Metals)

### Quality Control Report - Method Blank Analysis

| Constituent | Batch ID | QC Sample ID | MB Result | Units | PQL | MDL | Lab Quals |
|-------------|----------|--------------|-----------|-------|-----|-----|-----------|
| Total Iron  | BSI1266  | BSI1266-BLK1 | ND        | ug/L  | 50  |     |           |



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### Notes And Definitions

MDL Method Detection Limit  
ND Analyte Not Detected at or above the reporting limit  
PQL Practical Quantitation Limit  
RPD Relative Percent Difference  
A01 PQL's and MDL's are raised due to sample dilution.  
A03 The sample concentration is more than 4 times the spike level.  
A17 Surrogate not reportable due to sample dilution.  
A52 Chromatogram not typical of diesel.

Submission #: 09-12374

|  |   |
|--|---|
| <b>SHIPPING INFORMATION</b><br>Federal Express <input type="checkbox"/> UPS <input type="checkbox"/> Hand Delivery <input type="checkbox"/><br>BC Lab Field Service <input checked="" type="checkbox"/> Other <input type="checkbox"/> (Specify) _____ | <b>SHIPPING CONTAINER</b><br>Ice Chest <input checked="" type="checkbox"/> None <input type="checkbox"/><br>Box <input type="checkbox"/> Other <input type="checkbox"/> (Specify) _____ |
|--|---|

Refrigerant: Ice  Blue Ice  None  Other  Comments:

Custody Seals Ice Chest  Containers  None  Comments:  
 Intact? Yes  No  Intact? Yes  No

All samples received? Yes  No  All samples containers intact? Yes  No  Description(s) match COC? Yes  No

COC Received  YES  NO  
 Emissivity: 0.98 Container: VO9 Thermometer ID: TN1080 Date/Time 9-17-09 2103  
 Temperature: A 2.2 °C / C 2.2 °C Analyst Init JDNW

| SAMPLE CONTAINERS                    | SAMPLE NUMBERS |     |   |   |   |   |   |   |   |    |
|--------------------------------------|----------------|-----|---|---|---|---|---|---|---|----|
|                                      | 1              | 2   | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| QT GENERAL MINERAL/ GENERAL PHYSICAL |                |     |   |   |   |   |   |   |   |    |
| PT PE UNPRESERVED                    | C              | C   |   |   |   |   |   |   |   |    |
| QT INORGANIC CHEMICAL METALS         |                |     |   |   |   |   |   |   |   |    |
| PT INORGANIC CHEMICAL METALS         | B              | B   |   |   |   |   |   |   |   |    |
| PT CYANIDE                           |                |     |   |   |   |   |   |   |   |    |
| PT NITROGEN FORMS                    |                |     |   |   |   |   |   |   |   |    |
| PT TOTAL SULFIDE                     |                |     |   |   |   |   |   |   |   |    |
| Zoz. NITRATE / NITRITE               |                |     |   |   |   |   |   |   |   |    |
| PT TOTAL ORGANIC CARBON              |                |     |   |   |   |   |   |   |   |    |
| PT TOX                               |                |     |   |   |   |   |   |   |   |    |
| PT CHEMICAL OXYGEN DEMAND            |                |     |   |   |   |   |   |   |   |    |
| PIa PHENOLICS                        |                |     |   |   |   |   |   |   |   |    |
| 40ml VOA VIAL TRAVEL BLANK           |                |     |   |   |   |   |   |   |   |    |
| 40ml VOA VIAL                        | A B            | A B |   |   |   |   |   |   |   |    |
| QT EPA 413.1, 413.2, 418.1           |                |     |   |   |   |   |   |   |   |    |
| PT ODOR                              |                |     |   |   |   |   |   |   |   |    |
| RADIOLOGICAL                         |                |     |   |   |   |   |   |   |   |    |
| BACTERIOLOGICAL                      |                |     |   |   |   |   |   |   |   |    |
| 40 ml VOA VIAL- 504                  |                |     |   |   |   |   |   |   |   |    |
| QT EPA 508/608/8080                  |                |     |   |   |   |   |   |   |   |    |
| QT EPA 515.1/8150                    |                |     |   |   |   |   |   |   |   |    |
| QT EPA 525                           |                |     |   |   |   |   |   |   |   |    |
| QT EPA 525 TRAVEL BLANK              |                |     |   |   |   |   |   |   |   |    |
| 100ml EPA 547                        |                |     |   |   |   |   |   |   |   |    |
| 100ml EPA 531.1                      |                |     |   |   |   |   |   |   |   |    |
| QT EPA 548                           |                |     |   |   |   |   |   |   |   |    |
| QT EPA 549                           |                |     |   |   |   |   |   |   |   |    |
| QT EPA 632                           |                |     |   |   |   |   |   |   |   |    |
| QT EPA 8015M                         |                |     |   |   |   |   |   |   |   |    |
| QT AMBER                             | DE             | DE  |   |   |   |   |   |   |   |    |
| 8 OZ. JAR                            |                |     |   |   |   |   |   |   |   |    |
| 32 OZ. JAR                           |                |     |   |   |   |   |   |   |   |    |
| SOIL SLEEVE                          |                |     |   |   |   |   |   |   |   |    |
| PCB VIAL                             |                |     |   |   |   |   |   |   |   |    |
| PLASTIC BAG                          |                |     |   |   |   |   |   |   |   |    |
| FERROUS IRON                         |                |     |   |   |   |   |   |   |   |    |
| ENCORE                               |                |     |   |   |   |   |   |   |   |    |

Comments: \_\_\_\_\_  
 Sample Numbering Completed By: JDNW Date/Time: 9/17/09 2115  
 A = Actual / C = Corrected

**BC LABORATORIES, INC.**

4100 Atlas Court Bakersfield, CA 93308  
(661) 327-4911 FAX (661) 327-1918

**CHAIN OF CUSTODY**

|  |                    |   |                     |              | Analysis Requested   |                                 |                  |                    |                              |   |                  |                                 |                               |                   |            |                           |
|--|--------------------|---|---------------------|--------------|--|---------------------------------|------------------|--------------------|------------------------------|---|------------------|---------------------------------|-------------------------------|-------------------|------------|---------------------------|
| Bill to: Conoco Phillips/ TRC              |                    | Consultant Firm: TRC  |                     |              | MATRIX<br>(GW)<br>Ground-water<br>(S)<br>Soil<br>(WW)<br>Waste-water<br>(SL)<br>Sludge | BTEX/MTBE by 8021B, Gas by 8015 | TPH GAS by 8015M | TPH DIESEL by 8015 | 8260 full list w/ oxygenates | BTEX/MTBE/ <del> </del> BY 8260B              | ETHANOL by 8260B | TPH - G by GC/MS                | TPH-D w/ 5g clean-up by 8015M | Nitrate / Sulfate | Total Iron | Turnaround Time Requested |
| Address:<br>449 Hegenberger rd             |                    | 21 Technology Drive<br>Irvine, CA 92618-2302<br>Attn: Anju Farfan |                     |              |  |                                 |                  |                    |                              |   |                  |                                 |                               |                   |            |                           |
| City:<br>Oakland                           |                    | 4-digit site#: 5043<br>Workorder # 01347-4511016814               |                     |              |  |                                 |                  |                    |                              |   |                  |                                 |                               |                   |            |                           |
| State: CA Zip:                             |                    | Project #: 165221   |                     |              |  |                                 |                  |                    |                              |   |                  |                                 |                               |                   |            |                           |
| Conoco Phillips Mgr: Terry Grayson         |                    | Sampler Name: Ricky H   |                     |              |  |                                 |                  |                    |                              |   |                  |                                 |                               |                   |            |                           |
| Lab#                                       | Sample Description | Field Point Name  | Date & Time Sampled |              |  |                                 |                  |                    |                              |   |                  |                                 |                               |                   |            |                           |
| -1   |                    | mw-10   | 8/17/09             | 0750         | GW   |                                 |                  |                    |                              | X   | X                | X                               | X                             | X                 | X          | STD                       |
| -2   |                    | mw-6  | ↓                   | 0931         | ↓  |                                 |                  |                    |                              | X   | X                | X                               | X                             | X                 | X          | ↓                         |
|  |                    | CHK BY <u>all</u>   |                     | DISTRIBUTION |  | SUB-OUT                         |                  | SHORT HOLDING TIME |                              | Cr+6 NO <sub>2</sub> (NO <sub>3</sub> ) OP SS |                  | DO Cl <sub>2</sub> BOD MBAS GOT |                               |                   |            |                           |
| Comments:<br><br>GLOBAL ID:<br>T0600101476 |                    | Relinquished by: (Signature)                                      |                     |              |  | Received by: <u>Ross Dickey</u> |                  |                    |                              | Date & Time: 9/17/09 1340                     |                  |                                 |                               |                   |            |                           |
|  |                    | Relinquished by: (Signature) <u>Ross Dickey</u> 9/17/09           |                     |              |  | Received by: <u>R. Ruyund</u>   |                  |                    |                              | Date & Time: 9-17-09 0750                     |                  |                                 |                               |                   |            |                           |
|  |                    | Relinquished by: (Signature) <u>R. Ruyund</u> 9-17-09 2055        |                     |              |  | Received by: <u>[Signature]</u> |                  |                    |                              | Date & Time: 9-17-09 2058                     |                  |                                 |                               |                   |            |                           |

**Receipt of Manifest  
is Pending**

**(October 9, 2009)**



### **Limitations**

The fluid level monitoring and groundwater sampling activities summarized in this report have been performed under the responsible charge of a California Registered Geologist or Registered Civil Engineer and have been conducted in accordance with current practice and the standard of care exercised by geologists and engineers performing similar tasks in this area. No warranty, express or implied, is made regarding the conclusions and professional opinions presented in this report. The conclusions are based solely upon an analysis of the observed conditions. If actual conditions differ from those described in this report, our office should be notified.