

**RECEIVED**

*By dehloptoxic at 9:26 am, Aug 04, 2006*



76 Broadway  
Sacramento, California 95818

July 31, 2006

Mr. Jerry Wickham  
Alameda County Health Agency  
1131 Harbor Bay Parkway  
Alameda, California 94502

Re: **Report Transmittal**  
**Quarterly Report**  
**Second Quarter – 2006**  
**76 Service Station #7376**  
**4191 First Street,**  
**Pleasanton, CA**

Dear Mr. Wickham:

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 contact

Shelby S. Lathrop (Contractor)  
ConocoPhillips  
Risk Management & Remediation  
76 Broadway  
Sacramento, CA 95818  
Phone: 916-558-7609  
Fax: 916-558-7639

Sincerely,

A handwritten signature in black ink that reads "Thomas H. Kosel".

Thomas Kosel  
Risk Management & Remediation

Attachment



July 31, 2006

TRC Project No. 42018412

Mr. Jerry Wickham  
Hazardous Materials Specialist  
Alameda County Health Care Services  
1131 Harbor Bay Parkway  
Alameda, California 94502-6577

**RE: Quarterly Status Report - Second Quarter 2006  
76 Service Station #7376, 4191 First Street, Pleasanton, California  
Alameda County**

Dear Mr. Wickham:

On behalf of ConocoPhillips Company (ConocoPhillips), TRC is submitting the Second Quarter 2006 Status Report for the subject site, an operating service station located on the north corner of the intersection of First Street and Ray Street in Pleasanton, California. The site is bounded to the northwest by a former Southern Pacific Railroad right-of-way currently owned by Alameda County. Properties in the immediate site vicinity are used for a mix of residential and commercial purposes.

### **PREVIOUS ASSESSMENTS**

The site was developed in 1899 as a warehouse to store grains and hay (Amador-Livermore Valley Historical Society, 1994). According to a Sanborn map, an "in-ground" storage tank for oil was installed on-site in 1907. A service station was first constructed on the site in 1976 (Enviros, 1995). Between November 8, 1982 and February 8, 1985, the Pleasanton Fire Department (PFD) responded to five separate fuel releases at the site (PFD, 1988). The releases occurred prior to acquisition of the property by Unocal Corporation in 1988, and prior to ConocoPhillips assuming operations at the site.

June 1987: Three exploratory soil borings were advanced to depths ranging from 46.5 to 55 feet below ground surface (bgs). Soil samples contained low to moderate maximum concentrations of petroleum hydrocarbons. Groundwater was not encountered.

August 1987: Another soil boring was advanced to a depth of 66.5 feet bgs. Low to moderate concentrations of petroleum hydrocarbons were detected in a soil sample collected at 35 feet bgs. Groundwater was not encountered.

December 1987: Three monitoring wells were installed to a depth of 96.5 feet bgs. Maximum petroleum hydrocarbon concentrations in soil samples generally declined from low to moderate to low with increasing depth.

December 1987: Four 12,000-gallon underground storage tanks (USTs) were replaced with two 12,000-gallon double-walled USTs. An unknown volume of hydrocarbon-impacted soil was reportedly removed and transported to a Class I facility.

September 1994: A dispenser and product piping upgrade was performed with confirmation sampling. Over-excavation was performed in the area of two soil samples with elevated hydrocarbon concentrations.

February 1995: Monitoring well MW-2 was destroyed because asphalt tar had entered the well during repaving. The well was replaced by MW-2B. Soil boring EB-1 was advanced to a total depth of 66 feet bgs. Twenty-nine soil samples were collected during drilling and submitted for analysis.

July 1996: Three monitoring wells were installed to depths of 73.5 to 93 feet bgs. Two wells were installed offsite, on the former Southern Pacific Railroad right-of-way. A total of forty seven soil samples were collected from the well borings and analyzed for total petroleum hydrocarbons as gasoline (TPH-g), benzene, toluene, ethyl benzene and xylenes (BTEX). Fuel fingerprinting was also conducted. Petroleum hydrocarbon concentrations in the range of total petroleum hydrocarbons as diesel (TPH-d), kerosene, motor oil, and unidentified extractable hydrocarbons were also identified in the samples.

June 1997: Separate phase hydrocarbons (SPH) were identified in well MW-5 during quarterly monitoring activities.

December 1997: Entrix Inc. performed a forensic geochemical analysis was performed on SPH extracted from well MW-5. The SPH was probably composed of a mixture of over 50% refined gasoline and heavier hydrocarbons. The gasoline constituents appeared to be relatively fresh according to Entrix Inc. The heavier hydrocarbon mixture had a carbon distribution ranging from about C13 to C33. This distribution is similar in nature to a very weathered crude oil or Bunker C fuel, not refined petroleum products such as diesel #2, motor oil, lube oil, etc. (Entrix, 1997).

June/August 1998: Five onsite soil borings were advanced and two offsite down gradient monitoring wells were installed. A total of forty soil samples were collected and analyzed for petroleum hydrocarbons. In addition, two soil samples containing visible SPH were collected from boring B-11 (near the former UST excavation) at 10.5 and 61 feet bgs and submitted for hydrocarbon fingerprinting. The results of these analyses indicated that the SPH from both samples was composed of approximately 90% highly to severely weathered semi-volatile and high boiling components identified as crude oil and 10% of slightly weathered gasoline.

October-November 2000: One offsite soil boring (B-13) was advanced and two offsite monitoring wells were installed.

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

## **SENSITIVE RECEPTORS**

January 1988: A well survey was performed by reviewing Alameda County Flood Control and Water Conversation District-Zone 7 (Zone 7) files. Five water wells and two cathodic protection wells were identified within a ½ mile radius of the site. Four of the five water wells are domestic wells and the fifth appears to be a monitoring well.

The nearest surface water is Arroyo Valle, located approximately 700 feet northwest of the site.

## **MONITORING AND SAMPLING**

Four onsite and eight offsite wells are currently monitored and sampled quarterly. Twelve wells were monitored and eleven wells were sampled this quarter. Monitoring well MW-5 was not sampled due to the presence of SPH in the well at a thickness of 0.02 feet. SPH has been present in well MW-5 since June 1997. Previous analysis of the SPH indicated it contained a mixture of refined gasoline and heavy hydrocarbons.

The groundwater flow direction is quite variable across the site. However, based on the well gauging results this quarter, groundwater flow is toward the south at calculated hydraulic gradients of 0.06 feet per foot and west at calculated hydraulic gradients of 0.04 feet per foot. A graph of historical groundwater flow directions is included in this report.

## **CHARACTERIZATION STATUS**

Total petroleum hydrocarbons as gasoline (TPH-g) were detected in six of the eleven wells sampled at a maximum concentration of 3,000 micrograms per liter (µg/l) in onsite well MW-2B.

Benzene was detected in four of the eleven wells sampled at a maximum concentration of 430 µg/l in onsite well MW-3.

Methyl tertiary butyl ether (MTBE) was detected in eight of the eleven wells sampled at a maximum concentration of 11,000 µg/l in onsite well MW-2B.

TPH-d was detected in four of the eleven wells sampled at a maximum concentration of 32,000 µg/l in onsite well MW-2B.

## **REMEDIATION STATUS**

Remediation is not currently being conducted at the site. However, bi-monthly SPH gauging and recovery from well MW-5 was implemented this quarter. Since June 28, 2006, approximately 0.02 gallons of SPH have been recovered from MW-5.

## RECENT CORRESPONDENCE

After several conversations and email correspondences with the ACHCS and Mr. Fenstermacher at the Alameda County Public Works Agency (ACPWA) regarding the need to conduct additional groundwater assessment and ongoing groundwater monitoring and sampling of existing wells on the former railroad right-of-way, Mr. Fenstermacher finally agreed to provide ConocoPhillips access to the property and requested they send over a formal license agreement.

July 14, 2006: ConocoPhillips sent a letter to the Alameda County Public Works Agency requesting access to the former railroad right-of-way located immediately north of the site. Alameda County is the current owner of that property.

## CURRENT QUARTER ACTIVITIES

June 28, 2006: TRC performed groundwater monitoring and sampling. Wastewater generated from well purging and equipment cleaning was stored at TRC's groundwater monitoring facility in Concord, California, and transported by Onyx to the ConocoPhillips Refinery in Rodeo, California, for treatment and disposal.

## CONCLUSIONS AND RECOMMENDATIONS

Pending receipt of the signed access agreement from the ACPWA, TRC will implement the scope of work outlined in the November 21, 2005 Revised Additional Soil and Groundwater Investigation Work Plan. In addition, TRC will prepare a Site Conceptual Model (SCM), per ACHCS guidelines, incorporating data obtained during the additional assessment.

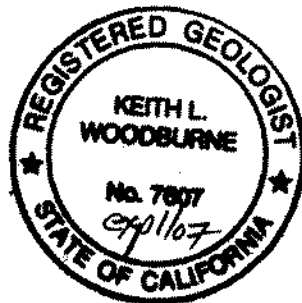
TRC recommends continuing quarterly monitoring and sampling to assess plume stability and concentration trends at key wells. In addition, TRC recommends continuing bi-monthly SPH gauging and recovery from well MW-5, pending implementation of other additional remediation measures.

If you have any questions regarding this report, please call me at (925) 688-2488.

Sincerely,  
TRC



Keith Woodburne, P.G.  
Senior Project Geologist



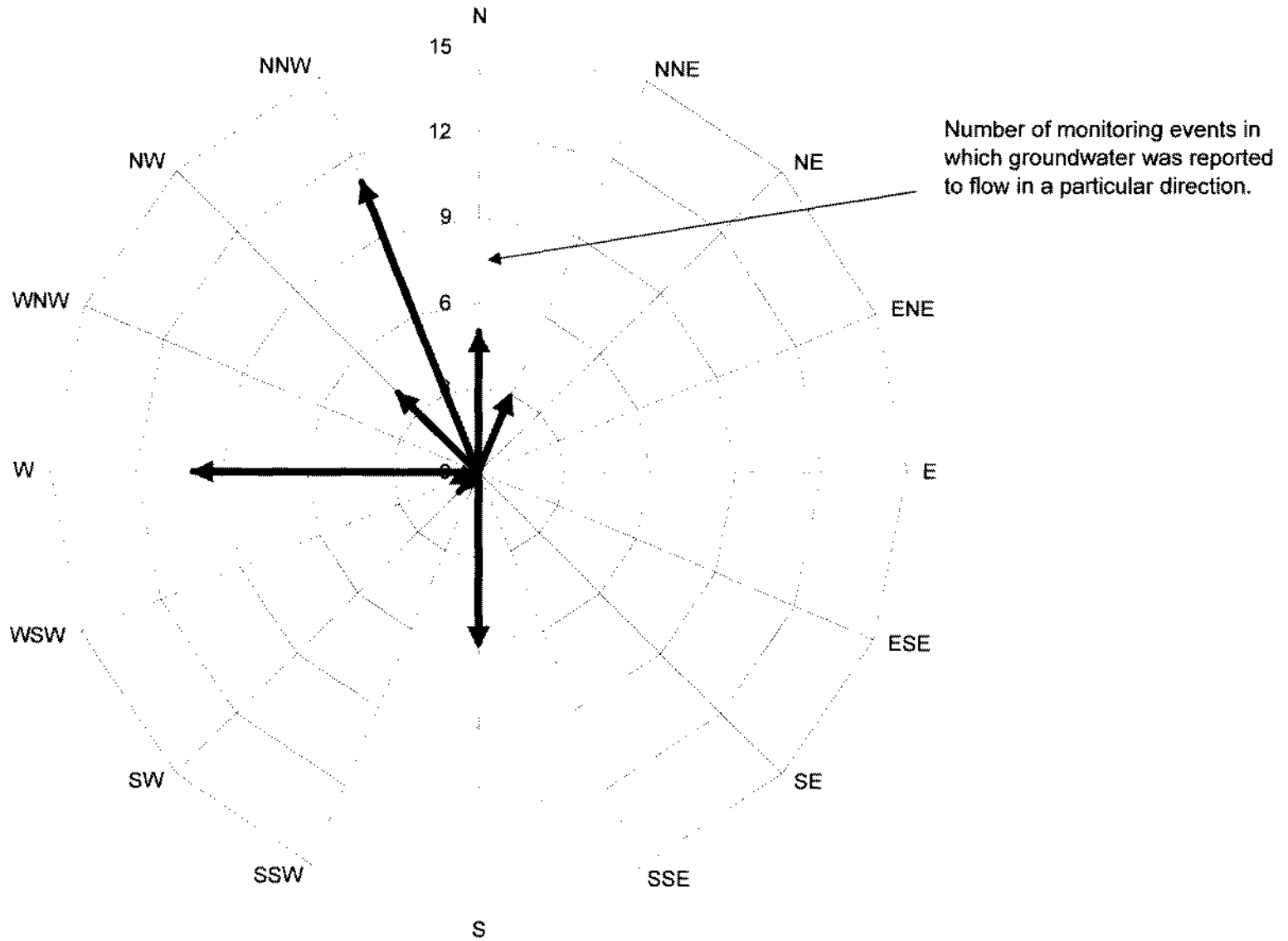
QSR – Second Quarter 2006  
76 Service Station #7376, Pleasanton, California  
July 31, 2006  
Page 5

Attachments:

Quarterly Monitoring Report, April through June 2006 (TRC, July 24, 2006)  
Historical Groundwater Flow Directions – March 1999 through June 2006

cc: Shelby Lathrop, ConocoPhillips (electronic upload only)

**Historical Groundwater Flow Directions  
for Tosco (76) Service Station No. 7376  
March 1999 through June 2006**





May 23, 2006

ConocoPhillips Company  
76 Broadway Avenue  
Sacramento, CA 95818

ATTN: MS. SHELBY LATHROP

SITE: 76 STATION 7259  
2370 ALUM ROCK AVENUE  
SAN JOSE, CALIFORNIA

RE: QUARTERLY MONITORING REPORT  
APRIL THROUGH JUNE 2006

Dear Ms. Lathrop:

Please find enclosed our Quarterly Monitoring Report for 76 Station 7259, located at 2370 Alum Rock Avenue, San Jose, California. If you have any questions regarding this report, please call us at (949) 341-7440.

Sincerely,

TRC

Anju Farfan *af*  
QMS Operations Manager

CC: Mr. Keith Woodburne, TRC (2 copies)

Enclosures  
20-0400/7259R11.QMS







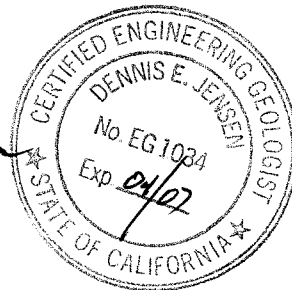
**QUARTERLY MONITORING REPORT  
APRIL THROUGH JUNE 2006**

76 STATION 7259  
2370 Alum Rock Avenue  
San Jose, California

Prepared For:

Ms. Shelby Lathrop  
CONOCOPHILLIPS COMPANY  
76 Broadway Avenue  
Sacramento, California 95818

By:



Senior Project Geologist, Irvine Operations  
May 23, 2006



## LIST OF ATTACHMENTS

|                    |  |
|--------------------|--|
| Summary Sheet      | Summary of Gauging and Sampling Activities   |
| Tables             | <p>Table Key</p> <p>Contents of Tables</p> <p>Table A: Groundwater Monitoring Well Details</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> |
| Figures            | <p>Figure 1: Vicinity Map</p> <p>Figure 2: Groundwater Elevation Contour Map</p> <p>Figure 3: Dissolved-Phase TPH-G (GC/MS) Concentration Map</p> <p>Figure 4: Dissolved-Phase Benzene Concentration Map</p> <p>Figure 5: Dissolved-Phase MTBE Concentration Map</p>   |
| Graphs             | <p>Groundwater Elevations vs. Time</p> <p>Benzene Concentrations vs. Time</p>  |
| Field Activities   | <p>General Field Procedures</p> <p>Field Monitoring Data Sheet – 04/24/06</p> <p>Groundwater Sampling Field Notes – 04/24/06</p>   |
| Laboratory Reports | <p>Official Laboratory Reports</p> <p>Quality Control Reports</p> <p>Chain of Custody Records</p>  |
| Statements         | <p>Purge Water Disposal</p> <p>Limitations</p>   |

**Summary of Gauging and Sampling Activities**  
**April 2006 through June 2006**  
**76 Station 7259**  
**2370 Alum Rock Avenue**  
**San Jose, CA**

Project Coordinator: **Shelby Lathrop**  
Telephone: **916-558-7609**

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

Date(s) of Gauging/Sampling Event: **04/24/06**

---

**Sample Points**

Groundwater wells: **7** onsite, **4** offsite      Wells gauged: **11**      Wells sampled: **11**  
Purging method: **Bailer/diaphragm pump**  
Purge water disposal: **Onyx/Rodeo Unit 100**  
Other Sample Points: **0**      Type: **n/a**

---

**Liquid Phase Hydrocarbons (LPH)**

Wells with LPH: **0**      Maximum thickness (feet): **n/a**  
LPH removal frequency: **n/a**      Method: **n/a**  
Treatment or disposal of water/LPH: **n/a**

---

**Hydrogeologic Parameters**

Depth to groundwater (below TOC):      Minimum: **18.25 feet**      Maximum: **24.16 feet**  
Average groundwater elevation (relative to available local datum): **79.22 feet**  
Average change in groundwater elevation since previous event: **0.71 feet**  
Interpreted groundwater gradient and flow direction:  
    Current event: **0.01 ft/ft, east**  
    Previous event: **0.02 ft/ft, east (02/01/06)**

---

**Selected Laboratory Results**

Wells with detected **Benzene**: **5**      Wells above MCL (1.0 µg/l): **4**  
    Maximum reported benzene concentration: **1,700 µg/l (EW-3)**  
Wells with **TPH-G by GC/MS** **8**      Maximum: **42,000 µg/l (MW-3)**  
Wells with **MTBE** **6**      Maximum: **720 µg/l (EW-3)**

---

**Notes:**

# 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)                        |

### 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:  $\text{Surface Elevation} - \text{Measured Depth to Water} + (\text{Dp} \times \text{LPH Thickness})$ , 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.
8. Groundwater vs. Time graphs may be corrected for apparent level changes due to resurvey.

### REFERENCE

TRC began groundwater monitoring and sampling for 76 Station 7259 in October 2003. Historical data compiled prior to that time were provided by Gettler-Ryan Inc.

# Contents of Tables

## Site: 76 Station 7259

### Current Event

| Table 1  | Well/<br>Date | Depth to<br>Water | LPH<br>Thickness   | Ground-<br>water<br>Elevation   | Change in<br>Elevation | TPH-G<br>(8015M) | TPH-G<br>(GC/MS) | Benzene | Toluene | Ethyl-<br>benzene | Total<br>Xylenes | MTBE<br>(8021B) | MTBE<br>(8260B) | Comments |
|----------|---------------|-------------------|--------------------|---------------------------------|------------------------|------------------|------------------|---------|---------|-------------------|------------------|-----------------|-----------------|----------|
| Table 1a | Well/<br>Date | TBA               | Ethanol<br>(8260B) | Ethylene-<br>dibromide<br>(EDB) | 1,2-DCA<br>(EDC)       | DIPE             | ETBE             | TAME    |         |                   |                  |                 |                 |          |

### Historic Data

| Table 2  | Well/<br>Date | Depth to<br>Water | LPH<br>Thickness   | Ground-<br>water<br>Elevation   | Change in<br>Elevation | TPH-G<br>(8015M) | TPH-G<br>(GC/MS) | Benzene | Toluene          | Ethyl-<br>benzene | Total<br>Xylenes | MTBE<br>(8021B) | MTBE<br>(8260B) | Comments |
|----------|---------------|-------------------|--------------------|---------------------------------|------------------------|------------------|------------------|---------|------------------|-------------------|------------------|-----------------|-----------------|----------|
| Table 2a | Well/<br>Date | TBA               | Ethanol<br>(8260B) | Ethylene-<br>dibromide<br>(EDB) | 1,2-DCA<br>(EDC)       | DIPE             | ETBE             | TAME    | TPH- Jet<br>Fuel |                   |                  |                 |                 |          |

**Table A**  
**Groundwater Monitoring Well Details**  
76 Station 7259

| Well ID | Casing Size (inches) | Total Well Depth (feet) | Screen Interval (feet) | Top of Casing (feet) | Northing (Latitude)           | Easting (Longitude)             | Date Installed | Well Type  | Well Status | DWR Number   | SCVWD Number |
|---------|----------------------|-------------------------|------------------------|----------------------|-------------------------------|---------------------------------|----------------|------------|-------------|--------------|--------------|
| MW-1    | 2                    | 33.50                   | 15.0-35.0              | 99.19                | N1955895.59<br>(37.358758096) | E6171675.85<br>(-121.841879016) | 06/03/99       | Monitoring | Active      | 07S01E03A019 | 99W00373     |
| MW-2    | 2                    | 34.20                   | 15.0-35.0              | 100.82               | N1955956.13<br>(37.358758096) | E6171758.39<br>(-121.841879016) | 06/03/99       | Monitoring | Active      | 07S01E03A020 | 99W00374     |
| MW-3    | 2                    | 35.30                   | 15.0-35.0              | 99.61                | N1955978.72<br>(37.358980189) | E6171636.98<br>(-121.842009737) | 06/03/99       | Monitoring | Active      | 07S01E03A021 | 99W00375     |
| MW-4    | 2                    | 35.10                   | 15.0-35.0              | 99.16                | N1955863.86<br>(37.358674671) | E6171636.82<br>(-121.842011687) | 06/16/01       | Monitoring | Active      | 07S01E03A026 | 01W00359     |
| MW-5    | 2                    | 34.90                   | 15.0-35.0              | 99.35                | N1955988.02<br>(37.359002319) | E6171404.38<br>(-121.842818438) | 06/16/01       | Monitoring | Active      |              | 01W00360     |
| MW-6    | 2                    | 34.42                   | 15.0-35.0              | 101.26               | N1956072.59<br>(--)           | E6171766.20<br>(--)             | 09/04/02       | Monitoring | Active      | pending      | 02W00706     |
| MW-7    | 2                    | 34.91                   | 15.0-35.0              | 100.57               | N1956111.58<br>(--)           | E6171613.48<br>(--)             | 09/04/02       | Monitoring | Active      | pending      | 02W00707     |
| EW-1    | 4                    | 35.00                   | 15.0-35.0              | 100.25               | N1955928.56<br>(37.358851195) | E6171693.03<br>(-121.841821778) | 06/16/01       | Extraction | Active      | 07S01E03A023 | 01W00356     |
| EW-2    | 4                    | 34.95                   | 15.0-35.0              | 99.80                | N1955964.75<br>(37.358945012) | E6171634.78<br>(-121.842020058) | 06/16/01       | Extraction | Active      | 07S01E03A024 | 01W00357     |
| EW-3    | 4                    | 35.00                   | 15.0-35.0              | 100.73               | N1955995.14<br>(37.359046966) | E6171685.39<br>(-121.841855498) | 02/14/02       | Extraction | Active      | 07S01E03A025 | 01W00358     |

**Table A**  
**Groundwater Monitoring Well Details**  
76 Station 7259

| Well ID | Casing Size (inches) | Total Well Depth (feet) | Screen Interval (feet) | Top of Casing (feet) | Northing (Latitude) | Easting (Longitude) | Date Installed | Well Type  | Well Status | DWR Number   | SCVWD Number |
|---------|----------------------|-------------------------|------------------------|----------------------|---------------------|---------------------|----------------|------------|-------------|--------------|--------------|
| EW-4    | 4                    | 12.00                   | 7.0-12.0               | 99.67                | N1955967.32<br>(--) | E6171644.31<br>(--) | 10/24/01       | Extraction | Active      | 07S01E03A028 | 01W01374     |
| EW-5    | 4                    | 12.00                   | 7.0-12.0               | 100.04               | N1955974.86<br>(--) | E6171657.28<br>(--) | 10/24/01       | Extraction | Active      | 07S01E03A029 | 01W01375     |
| EW-6    | 4                    | 12.00                   | 7.0-12.0               | 100.17               | N1955969.02<br>(--) | E6171635.33<br>(--) | 02/13/02       | Extraction | Active      | 07S01E03A031 | 02W00118     |
| EW-7    | 4                    | 35.00                   | 15.0-35.0              | 100.42               | N1955973.21<br>(--) | E6171611.34<br>(--) | 06/13/02       | Extraction | Active      | 07S01E03A036 | 02W00119     |
| SP-1    | 3/4                  | 32.50                   | 30.5-32.5              | 99.86                | N1955969.02<br>(--) | E6171635.33<br>(--) | 10/24/01       | Sparge     | Active      | 07S01E03A030 | 01W01376     |
| SP-2    | 3/4                  | 33.00                   | 31.0-33.0              | 100.28               | N1955989.55<br>(--) | E6171658.47<br>(--) | 02/13/02       | Sparge     | Active      | 07S01E03A032 | 02W00120     |
| SP-3    | 3/4                  | 33.00                   | 31.0-33.0              | 100.50               | N1955997.73<br>(--) | E6171670.08<br>(--) | 02/13/02       | Sparge     | Active      | 07S01E03A033 | 02W00121     |
| SP-4    | 3/4                  | 33.00                   | 31.0-33.0              | 100.87               | N1956007.69<br>(--) | E6171689.89<br>(--) | 02/14/02       | Sparge     | Active      | 07S01E03A037 | 02W00122     |
| SP-5    | 3/4                  | 33.00                   | 31.0-33.0              | 100.77               | N1955989.58<br>(--) | E6171687.04<br>(--) | 02/13/02       | Sparge     | Active      | 07S01E03A034 | 02W00123     |
| SP-6    | 3/4                  | 33.00                   | 31.0-33.0              | 100.49               | N1955976.66<br>(--) | E6171665.64<br>(--) | 02/12/02       | Sparge     | Active      | 07S01E03A038 | 02W00124     |



**Table A**  
**Groundwater Monitoring Well Details**  
76 Station 7259

| <b>Well ID</b> | <b>Casing Size (inches)</b> | <b>Total Well Depth (feet)</b> | <b>Screen Interval (feet)</b> | <b>Top of Casing (feet)</b> | <b>Northing (Latitude)</b> | <b>Easting (Longitude)</b> | <b>Date Installed</b> | <b>Well Type</b> | <b>Well Status</b> | <b>DWR Number</b> | <b>SCVWD Number</b> |
|----------------|-----------------------------|--------------------------------|-------------------------------|-----------------------------|----------------------------|----------------------------|-----------------------|------------------|--------------------|-------------------|---------------------|
| SP-7           | 3/4                         | 33.00                          | 31.0-33.0                     | 100.25                      | N1955968.62<br>(--)        | E6171651.02<br>(--)        | 02/12/02              | Sparge           | Active             | 07S01E03A039      | 02W00125            |
| SP-8           | 3/4                         | 32.50                          | 30.5-32.5                     | 100.11                      | N1955950.22<br>(--)        | E6171629.22<br>(--)        | 02/14/02              | Sparge           | Active             | 07S01E03A035      | 02W00126            |
| SP-9           | 3/4                         | 33.00                          | 31.0-33.0                     | 101.54                      | N1955977.18<br>(--)        | E6171624.60<br>(--)        | 02/14/02              | Sparge           | Active             | 07S01E03A040      | 02W00127            |

**Table 1**  
**CURRENT FLUID LEVELS AND SELECTED ANALYTICAL RESULTS**  
**April 24, 2006**  
**76 Station 7259**

| Date Sampled | TOC Elevation                               | Depth to Water | LPH Thickness | Ground-water Elevation | Change in Elevation | TPH-G (8015M) | TPH-G (GC/MS) | Benzene | Toluene | Ethyl-benzene | Total Xylenes | MTBE (8021B) | MTBE (8260B) | Comments |
|--------------|---|----------------|---------------|------------------------|---------------------|---------------|---------------|---------|---------|---------------|---------------|--------------|--------------|----------|
|              | (feet)                                      | (feet)         | (feet)        | (feet)                 | (feet)              | (µg/l)        | (µg/l)        | (µg/l)  | (µg/l)  | (µg/l)        | (µg/l)        | (µg/l)       | (µg/l)       |          |
| <b>EW-1</b>  | <b>(Screen Interval in feet: 15.0-35.0)</b> |                |               |                        |                     |               |               |         |         |               |               |              |              |          |
| 04/24/06     | 100.25                                      | 21.70          | 0.00          | 78.55                  | 0.67                | --            | 820           | 2.5     | 0.70    | 6.3           | 8.9           | --           | 3.6          |          |
| <b>EW-2</b>  | <b>(Screen Interval in feet: 15.0-35.0)</b> |                |               |                        |                     |               |               |         |         |               |               |              |              |          |
| 04/24/06     | 99.80                                       | 19.48          | 0.00          | 80.32                  | 0.78                | --            | 2300          | 46      | 26      | 140           | 160           | --           | 2.5          |          |
| <b>EW-3</b>  | <b>(Screen Interval in feet: 15.0-35.0)</b> |                |               |                        |                     |               |               |         |         |               |               |              |              |          |
| 04/24/06     | 100.73                                      | 22.41          | 0.00          | 78.32                  | 0.54                | --            | 28000         | 1700    | 150     | 850           | 750           | --           | 720          |          |
| <b>EW-7</b>  | <b>(Screen Interval in feet: 15.0-35.0)</b> |                |               |                        |                     |               |               |         |         |               |               |              |              |          |
| 04/24/06     | 100.42                                      | 19.75          | 0.00          | 80.67                  | 0.77                | --            | 1000          | ND<0.50 | 0.58    | 2.6           | 4.9           | --           | ND<0.50      |          |
| <b>MW-1</b>  | <b>(Screen Interval in feet: 15-35)</b>     |                |               |                        |                     |               |               |         |         |               |               |              |              |          |
| 04/24/06     | 99.19                                       | 20.32          | 0.00          | 78.87                  | 0.78                | --            | 85            | ND<0.50 | ND<0.50 | 0.80          | 2.0           | --           | 15           |          |
| <b>MW-2</b>  | <b>(Screen Interval in feet: 15-35)</b>     |                |               |                        |                     |               |               |         |         |               |               |              |              |          |
| 04/24/06     | 100.82                                      | 22.85          | 0.00          | 77.97                  | 0.48                | --            | 74            | ND<0.50 | ND<0.50 | 0.85          | 2.4           | --           | 1.4          |          |
| <b>MW-3</b>  | <b>(Screen Interval in feet: 15-35)</b>     |                |               |                        |                     |               |               |         |         |               |               |              |              |          |
| 04/24/06     | 99.61                                       | 20.30          | 0.00          | 79.31                  | 0.72                | --            | 42000         | 160     | 140     | 860           | 1800          | --           | ND<25        |          |
| <b>MW-4</b>  | <b>(Screen Interval in feet: 15.0-35.0)</b> |                |               |                        |                     |               |               |         |         |               |               |              |              |          |
| 04/24/06     | 99.16                                       | 19.74          | 0.00          | 79.42                  | 0.76                | --            | ND<50         | ND<0.50 | ND<0.50 | ND<0.50       | ND<1.0        | --           | 3.2          |          |
| <b>MW-5</b>  | <b>(Screen Interval in feet: 15.0-35.0)</b> |                |               |                        |                     |               |               |         |         |               |               |              |              |          |
| 04/24/06     | 99.35                                       | 18.25          | 0.00          | 81.10                  | 1.03                | --            | ND<50         | ND<0.50 | ND<0.50 | ND<0.50       | ND<1.0        | --           | ND<0.50      |          |
| <b>MW-6</b>  | <b>(Screen Interval in feet: 15.0-35.0)</b> |                |               |                        |                     |               |               |         |         |               |               |              |              |          |
| 04/24/06     | 101.26                                      | 24.16          | 0.00          | 77.10                  | 0.47                | --            | 1700          | 0.56    | 0.61    | 37            | 30            | --           | ND<0.50      |          |
| <b>MW-7</b>  | <b>(Screen Interval in feet: 15-0-35.0)</b> |                |               |                        |                     |               |               |         |         |               |               |              |              |          |
| 04/24/06     | 100.57                                      | 20.73          | 0.00          | 79.84                  | 0.85                | --            | 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 7259**

| Date Sampled | TBA    | Ethanol (8260B) | Ethylene-dibromide (EDB) | 1,2-DCA (EDC) | DIPE    | ETBE    | TAME    |
|--------------|--------|-----------------|--------------------------|---------------|---------|---------|---------|
|              | (µg/l) | (µg/l)          | (µg/l)                   | (µg/l)        | (µg/l)  | (µg/l)  | (µg/l)  |
| <b>MW-1</b>  |        |                 |                          |               |         |         |         |
| 04/24/06     | ND<10  | ND<250          | ND<0.50                  | ND<0.50       | ND<0.50 | ND<0.50 | ND<0.50 |
| <b>MW-6</b>  |        |                 |                          |               |         |         |         |
| 04/24/06     | ND<10  | ND<250          | ND<0.50                  | ND<0.50       | ND<0.50 | ND<0.50 | ND<0.50 |
| <b>MW-7</b>  |        |                 |                          |               |         |         |         |
| 04/24/06     | ND<10  | ND<250          | ND<0.50                  | ND<0.50       | ND<0.50 | ND<0.50 | ND<0.50 |

**Table 2**  
**HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS**  
**June 1999 Through April 2006**  
**76 Station 7259**

| 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 (8015M)<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>EW-1 (Screen Interval in feet: 15.0-35.0)</b> |                         |                          |                         |                                  |                               |                         |                         |                   |                   |                         |                         |                        |                        |          |
| 06/16/01   | 100.25                  | 23.25                    | 0.00                    | 77.00                            | --                            | 860                     | --                      | 5.3               | 3.2               | 45                      | 67                      | 35                     | 18                     |          |
| 09/24/01   | 100.25                  | 23.36                    | 0.00                    | 76.89                            | -0.11                         | 3100                    | --                      | 26                | 26                | 350                     | 120                     | ND<50                  | 11                     |          |
| 12/10/01   | 100.25                  | 23.38                    | 0.00                    | 76.87                            | -0.02                         | 9100                    | --                      | 40                | 65                | 680                     | 480                     | ND<100                 | ND<5.0                 |          |
| 03/07/02   | 100.25                  | 23.43                    | 0.00                    | 76.82                            | -0.05                         | 4200                    | --                      | 31                | 38                | 480                     | 190                     | ND<100                 | --                     |          |
| 06/13/02   | 100.25                  | 23.61                    | 0.00                    | 76.64                            | -0.18                         | 3500                    | --                      | <10               | 48                | 630                     | 230                     | ND<50                  | --                     |          |
| 09/06/02   | 100.25                  | 23.58                    | 0.00                    | 76.67                            | 0.03                          | 3700                    | --                      | 29                | 39                | 680                     | 250                     | 93                     | 7.4                    |          |
| 12/09/02   | 100.25                  | 23.64                    | 0.00                    | 76.61                            | -0.06                         | --                      | 3600                    | ND<5.0            | 29                | 520                     | 150                     | --                     | ND<20                  |          |
| 03/10/03   | 100.25                  | 23.19                    | 0.00                    | 77.06                            | 0.45                          | --                      | 1900                    | 2.4               | 9.5               | 140                     | 14                      | --                     | 6.9                    |          |
| 06/09/03   | 100.25                  | 23.01                    | 0.00                    | 77.24                            | 0.18                          | --                      | 1500                    | 2.7               | 7.4               | 120                     | 14                      | --                     | 11                     |          |
| 09/08/03   | 100.25                  | 23.57                    | 0.00                    | 76.68                            | -0.56                         | --                      | 1000                    | 3.5               | 5.8               | 34                      | ND<5.0                  | --                     | 12                     |          |
| 12/24/03   | 100.25                  | 21.95                    | 0.00                    | 78.30                            | 1.62                          | --                      | 1300                    | 4.5               | 5.8               | 30                      | 11                      | --                     | 13                     |          |
| 03/31/04   | 100.25                  | 22.68                    | 0.00                    | 77.57                            | -0.73                         | --                      | 430                     | 1.1               | 2.4               | 8.6                     | 4.7                     | --                     | 7.1                    |          |
| 06/24/04   | 100.25                  | 22.90                    | 0.00                    | 77.35                            | -0.22                         | --                      | 810                     | 3.5               | 5.0               | 21                      | 35                      | --                     | 10                     |          |
| 09/23/04   | 100.25                  | 23.03                    | 0.00                    | 77.22                            | -0.13                         | --                      | 140                     | 1.1               | 1.1               | 2.6                     | 3.7                     | --                     | 8.0                    |          |
| 12/28/04   | 100.25                  | 22.90                    | 0.00                    | 77.35                            | 0.13                          | --                      | 1800                    | 12                | 7.3               | 22                      | 48                      | --                     | 16                     |          |
| 02/24/05   | 100.25                  | 22.25                    | 0.00                    | 78.00                            | 0.65                          | --                      | 3300                    | 24                | 9.7               | 58                      | 75                      | --                     | 18                     |          |
| 04/12/05   | 100.25                  | 22.16                    | 0.00                    | 78.09                            | 0.09                          | --                      | 2700                    | 24                | 10                | 40                      | 62                      | --                     | 15                     |          |
| 08/17/05   | 100.25                  | 22.52                    | 0.00                    | 77.73                            | -0.36                         | --                      | 200                     | 0.96              | ND<0.50           | 2.3                     | 1.8                     | --                     | 3.8                    |          |
| 11/09/05   | 100.25                  | 22.70                    | 0.00                    | 77.55                            | -0.18                         | --                      | 870                     | 11                | 1.2               | 12                      | 3.2                     | --                     | 6.7                    |          |
| 02/01/06   | 100.25                  | 22.37                    | 0.00                    | 77.88                            | 0.33                          | --                      | 380                     | ND<0.50           | ND<0.50           | 0.65                    | ND<1.0                  | --                     | 3.3                    |          |
| 04/24/06   | 100.25                  | 21.70                    | 0.00                    | 78.55                            | 0.67                          | --                      | 820                     | 2.5               | 0.70              | 6.3                     | 8.9                     | --                     | 3.6                    |          |
| <b>EW-2 (Screen Interval in feet: 15.0-35.0)</b> |                         |                          |                         |                                  |                               |                         |                         |                   |                   |                         |                         |                        |                        |          |
| 06/16/01   | 99.80                   | 21.95                    | 0.00                    | 77.85                            | --                            | 29000                   | --                      | 2700              | 900               | 1200                    | 3000                    | 1000                   | 350                    |          |

**Table 2**  
**HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS**  
**June 1999 Through April 2006**  
**76 Station 7259**

| Date Sampled                                     | TOC Elevation | Depth to Water | LPH Thickness | Ground-water Elevation | Change in Elevation | TPH-G (8015M) | TPH-G (GC/MS) | Benzene | Toluene | Ethyl-benzene | Total Xylenes | MTBE (8021B) | MTBE (8260B) | Comments |
|--|---------------|----------------|---------------|------------------------|---------------------|---------------|---------------|---------|---------|---------------|---------------|--------------|--------------|----------|
|  | (feet)        | (feet)         | (feet)        | (feet)                 | (feet)              | (µg/l)        | (µg/l)        | (µg/l)  | (µg/l)  | (µg/l)        | (µg/l)        | (µg/l)       | (µg/l)       |          |
| <b>EW-2 continued</b>                            |               |                |               |                        |                     |               |               |         |         |               |               |              |              |          |
| 09/24/01   | 99.80         | 22.17          | 0.00          | 77.63                  | -0.22               | 18000         | --            | 1200    | 580     | 710           | 1400          | ND<500       | 130          |          |
| 12/10/01   | 99.80         | 21.97          | 0.00          | 77.83                  | 0.20                | 22000         | --            | 1300    | 850     | 1000          | 2700          | ND<500       | 42           |          |
| 03/07/02   | 99.80         | 22.20          | 0.00          | 77.60                  | -0.23               | 8200          | --            | 480     | 270     | 610           | 1100          | ND<250       | --           |          |
| 06/13/02   | 99.80         | 22.57          | 0.00          | 77.23                  | -0.37               | 6100          | --            | 350     | 220     | 780           | 940           | 66           | --           |          |
| 09/06/02   | 99.80         | 22.56          | 0.00          | 77.24                  | 0.01                | 6600          | --            | 800     | 110     | 540           | 610           | 190          | 14           |          |
| 12/09/02   | 99.80         | 22.61          | 0.00          | 77.19                  | -0.05               | --            | 11000         | 1100    | 160     | 880           | 1300          | --           | ND<20        |          |
| 03/10/03   | 99.80         | 22.27          | 0.00          | 77.53                  | 0.34                | --            | 17000         | 380     | 160     | 630           | 2300          | --           | 33           |          |
| 06/09/03   | 99.80         | 22.04          | 0.00          | 77.76                  | 0.23                | --            | 4900          | 16      | ND<5.0  | 23            | 82            | --           | ND<20        |          |
| 09/08/03   | 99.80         | 22.51          | 0.00          | 77.29                  | -0.47               | --            | 1500          | 4.7     | 7.4     | 45            | ND<5.0        | --           | 14           |          |
| 12/24/03   | 99.80         | 21.58          | 0.00          | 78.22                  | 0.93                | --            | 18000         | 580     | 130     | 1500          | 3200          | --           | ND<40        |          |
| 03/31/04   | 99.80         | 21.33          | 0.00          | 78.47                  | 0.25                | --            | 14000         | 1100    | 790     | 550           | 880           | --           | 32           |          |
| 06/24/04   | 99.80         | 21.65          | 0.00          | 78.15                  | -0.32               | --            | 10000         | 420     | 390     | 430           | 780           | --           | 17           |          |
| 09/23/04   | 99.80         | 21.74          | 0.00          | 78.06                  | -0.09               | --            | 12000         | 1100    | 570     | 500           | 860           | --           | 28           |          |
| 12/28/04   | 99.80         | 21.22          | 0.00          | 78.58                  | 0.52                | --            | 11000         | 230     | 110     | 420           | 890           | --           | 8.5          |          |
| 02/24/05   | 99.80         | 20.56          | 0.00          | 79.24                  | 0.66                | --            | 8200          | 120     | 51      | 390           | 460           | --           | 3.5          |          |
| 04/12/05   | 99.80         | 20.54          | 0.00          | 79.26                  | 0.02                | --            | 6400          | 75      | 35      | 290           | 300           | --           | ND<5.0       |          |
| 08/17/05   | 99.80         | 21.20          | 0.00          | 78.60                  | -0.66               | --            | 6300          | 180     | 120     | 220           | 210           | --           | 9.8          |          |
| 11/09/05   | 99.80         | 21.36          | 0.00          | 78.44                  | -0.16               | --            | 5800          | 80      | 93      | 100           | 200           | --           | 7.6          |          |
| 02/01/06   | 99.80         | 20.26          | 0.00          | 79.54                  | 1.10                | --            | 4400          | 44      | 17      | 110           | 100           | --           | ND<5.0       |          |
| 04/24/06   | 99.80         | 19.48          | 0.00          | 80.32                  | 0.78                | --            | 2300          | 46      | 26      | 140           | 160           | --           | 2.5          |          |
| <b>EW-3 (Screen Interval in feet: 15.0-35.0)</b> |               |                |               |                        |                     |               |               |         |         |               |               |              |              |          |
| 06/16/01   | 100.73        | 24.18          | 0.00          | 76.55                  | --                  | 28000         | --            | 5100    | 1000    | 1600          | 2600          | 4300         | 5700         |          |
| 09/24/01   | 100.73        | 24.30          | 0.00          | 76.43                  | -0.12               | 15000         | --            | 1100    | 110     | 790           | 900           | 2500         | 2500         |          |
| 12/10/01   | 100.73        | 24.30          | 0.00          | 76.43                  | 0.00                | 16000         | --            | 550     | 84      | 610           | 970           | 2500         | 3200         |          |

**Table 2**  
**HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS**  
**June 1999 Through April 2006**  
**76 Station 7259**

| Date Sampled                                     | TOC Elevation | Depth to Water | LPH Thickness | Ground-water Elevation | Change in Elevation | TPH-G (8015M) | TPH-G (GC/MS) | Benzene | Toluene | Ethyl-benzene | Total Xylenes | MTBE (8021B) | MTBE (8260B) | Comments |
|--|---------------|----------------|---------------|------------------------|---------------------|---------------|---------------|---------|---------|---------------|---------------|--------------|--------------|----------|
|  | (feet)        | (feet)         | (feet)        | (feet)                 | (feet)              | (µg/l)        | (µg/l)        | (µg/l)  | (µg/l)  | (µg/l)        | (µg/l)        | (µg/l)       | (µg/l)       |          |
| <b>EW-3 continued</b>                            |               |                |               |                        |                     |               |               |         |         |               |               |              |              |          |
| 03/07/02   | 100.73        | 24.37          | 0.00          | 76.36                  | -0.07               | 9100          | --            | 470     | 64      | 550           | 770           | 3600         | --           |          |
| 06/13/02   | 100.73        | 23.96          | 0.00          | 76.77                  | 0.41                | 7500          | --            | 170     | 44      | 640           | 780           | 2800         | 5100         |          |
| 09/06/02   | 100.73        | 23.95          | 0.00          | 76.78                  | 0.01                | 7700          | --            | 280     | 21      | 460           | 490           | 1900         | 3100         |          |
| 12/09/02   | 100.73        | 23.98          | 0.00          | 76.75                  | -0.03               | --            | 8300          | 300     | 15      | 520           | 540           | --           | 2500         |          |
| 03/10/03   | 100.73        | 23.54          | 0.00          | 77.19                  | 0.44                | --            | 3300          | 0.85    | 2.3     | 17            | 66            | --           | ND<2.0       |          |
| 06/09/03   | 100.73        | 23.45          | 0.00          | 77.28                  | 0.09                | --            | 8500          | 300     | 12      | 400           | 470           | --           | 2100         |          |
| 09/08/03   | 100.73        | 23.87          | 0.00          | 76.86                  | -0.42               | --            | 1500          | 13      | ND<2.5  | ND<2.5        | 36            | --           | ND<2.5       |          |
| 12/24/03   | 100.73        | 23.37          | 0.00          | 77.36                  | 0.50                | --            | 20000         | 570     | 31      | 970           | 1200          | --           | 3300         |          |
| 03/31/04   | 100.73        | 23.24          | 0.00          | 77.49                  | 0.13                | --            | 25000         | 3800    | 500     | 930           | 1100          | --           | 3000         |          |
| 06/24/04   | 100.73        | 23.33          | 0.00          | 77.40                  | -0.09               | --            | 17000         | 1700    | 160     | 800           | 600           | --           | 3000         |          |
| 09/23/04   | 100.73        | 23.45          | 0.00          | 77.28                  | -0.12               | --            | 24000         | 4800    | 570     | 920           | 1100          | --           | 2700         |          |
| 12/28/04   | 100.73        | 23.35          | 0.00          | 77.38                  | 0.10                | --            | 23000         | 2600    | 290     | 950           | 940           | --           | 2400         |          |
| 02/24/05   | 100.73        | 22.83          | 0.00          | 77.90                  | 0.52                | --            | 21000         | 2700    | 290     | 980           | 990           | --           | 2000         |          |
| 04/12/05   | 100.73        | 22.72          | 0.00          | 78.01                  | 0.11                | --            | 28000         | 4600    | 570     | 990           | 1300          | --           | 1800         |          |
| 08/17/05   | 100.73        | 23.04          | 0.00          | 77.69                  | -0.32               | --            | 18000         | 1900    | 180     | 960           | 550           | --           | 1300         |          |
| 11/09/05   | 100.73        | 23.15          | 0.00          | 77.58                  | -0.11               | --            | 12000         | 980     | 82      | 480           | 300           | --           | 710          |          |
| 02/01/06   | 100.73        | 22.95          | 0.00          | 77.78                  | 0.20                | --            | 17000         | 2700    | 250     | 720           | 820           | --           | 550          |          |
| 04/24/06   | 100.73        | 22.41          | 0.00          | 78.32                  | 0.54                | --            | 28000         | 1700    | 150     | 850           | 750           | --           | 720          |          |
| <b>EW-7 (Screen Interval in feet: 15.0-35.0)</b> |               |                |               |                        |                     |               |               |         |         |               |               |              |              |          |
| 06/13/02   | 100.42        | 23.11          | 0.00          | 77.31                  | --                  | 880           | --            | 3.2     | 3.4     | 170           | 160           | 20           | --           |          |
| 09/06/02   | 100.42        | 23.11          | 0.00          | 77.31                  | 0.00                | 1200          | --            | 5.4     | ND<5.0  | 150           | 17            | 80           | 27           |          |
| 12/09/02   | 100.42        | 23.16          | 0.00          | 77.26                  | -0.05               | --            | 2900          | 7.8     | 2.7     | 270           | 140           | --           | ND<8.0       |          |
| 03/10/03   | 100.42        | 22.76          | 0.00          | 77.66                  | 0.40                | --            | 1400          | 1.8     | 6.8     | 140           | 10            | --           | 7.4          |          |
| 06/09/03   | 100.42        | 22.57          | 0.00          | 77.85                  | 0.19                | --            | 750           | 1.5     | 3.8     | 59            | 7.7           | --           | 6.7          |          |

**Table 2**  
**HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS**  
**June 1999 Through April 2006**  
**76 Station 7259**

| Date Sampled                                 | TOC Elevation | Depth to Water | LPH Thickness | Ground-water Elevation | Change in Elevation | TPH-G (8015M) | TPH-G (GC/MS) | Benzene | Toluene | Ethylbenzene | Total Xylenes | MTBE (8021B) | MTBE (8260B) | Comments |
|--|---------------|----------------|---------------|------------------------|---------------------|---------------|---------------|---------|---------|--------------|---------------|--------------|--------------|----------|
| (feet)                                       | (feet)        | (feet)         | (feet)        | (feet)                 | (feet)              | (µg/l)        | (µg/l)        | (µg/l)  | (µg/l)  | (µg/l)       | (µg/l)        | (µg/l)       | (µg/l)       |          |
| <b>EW-7 continued</b>                        |               |                |               |                        |                     |               |               |         |         |              |               |              |              |          |
| 09/08/03                                     | 100.42        | 22.96          | 0.00          | 77.46                  | -0.39               | --            | 830           | 2.3     | 3.3     | 20           | ND<2.0        | --           | 7.1          |          |
| 12/24/03                                     | 100.42        | 21.92          | 0.00          | 78.50                  | 1.04                | --            | 8900          | ND<5.0  | ND<5.0  | 620          | 280           | --           | ND<20        |          |
| 03/31/04                                     | 100.42        | 21.01          | 0.00          | 79.41                  | 0.91                | --            | 2700          | ND<5.0  | ND<5.0  | 130          | 29            | --           | 11           |          |
| 06/24/04                                     | 100.42        | 21.31          | 0.00          | 79.11                  | -0.30               | --            | 720           | ND<1.0  | ND<1.0  | 13           | 3.3           | --           | 8.8          |          |
| 09/23/04                                     | 100.42        | 21.44          | 0.00          | 78.98                  | -0.13               | --            | 1600          | 1.8     | 1.4     | 20           | 14            | --           | 8.0          |          |
| 12/28/04                                     | 100.42        | 20.94          | 0.00          | 79.48                  | 0.50                | --            | 1700          | ND<0.50 | 0.56    | 27           | 5.5           | --           | 2.4          |          |
| 02/24/05                                     | 100.42        | 20.21          | 0.00          | 80.21                  | 0.73                | --            | 2900          | 0.68    | 1.1     | 38           | 4.9           | --           | ND<0.50      |          |
| 04/12/05                                     | 100.42        | 20.25          | 0.00          | 80.17                  | -0.04               | --            | 3200          | 0.68    | 1.2     | 31           | 4.6           | --           | 0.57         |          |
| 08/17/05                                     | 100.42        | 19.90          | 0.00          | 80.52                  | 0.35                | --            | 340           | ND<0.50 | ND<0.50 | 3.1          | ND<1.0        | --           | 3.7          |          |
| 11/09/05                                     | 100.42        | 21.10          | 0.00          | 79.32                  | -1.20               | --            | 640           | ND<0.50 | ND<0.50 | 4.7          | 1.7           | --           | 3.0          |          |
| 02/01/06                                     | 100.42        | 20.52          | 0.00          | 79.90                  | 0.58                | --            | 600           | ND<0.50 | ND<0.50 | 1.6          | ND<1.0        | --           | ND<0.50      |          |
| 04/24/06                                     | 100.42        | 19.75          | 0.00          | 80.67                  | 0.77                | --            | 1000          | ND<0.50 | 0.58    | 2.6          | 4.9           | --           | ND<0.50      |          |
| <b>MW-1 (Screen Interval in feet: 15-35)</b> |               |                |               |                        |                     |               |               |         |         |              |               |              |              |          |
| 06/03/99                                     | 99.18         | 20.80          | 0.00          | 78.38                  | --                  | 2200          | --            | 140     | 21      | 94           | 98            | 1900         | --           |          |
| 09/15/99                                     | 99.18         | 21.93          | 0.00          | 77.25                  | -1.13               | 247           | --            | 12.5    | 5.27    | 2.02         | 5.29          | 426          | 462          |          |
| 12/07/99                                     | 99.18         | 22.11          | 0.00          | 77.07                  | -0.18               | 237           | --            | 14.9    | 1.28    | 1.79         | 2.22          | 590          | --           |          |
| 03/01/00                                     | 99.18         | 21.35          | 0.00          | 77.83                  | 0.76                | 1300          | --            | 160     | 58      | 44           | 94            | 400          | --           |          |
| 06/10/00                                     | 99.18         | 21.57          | 0.00          | 77.61                  | -0.22               | 630           | --            | 60      | 15      | 26           | 48            | 230          | --           |          |
| 09/14/00                                     | 99.18         | 21.74          | 0.00          | 77.44                  | -0.17               | 117           | --            | ND      | ND      | ND           | 1.86          | 43.2         | 36.9         |          |
| 12/04/00                                     | 99.18         | 21.80          | 0.00          | 77.38                  | -0.06               | 68.4          | --            | 1.50    | ND      | ND           | ND            | 15           | 13.4         |          |
| 02/28/01                                     | 99.18         | 21.30          | 0.00          | 77.88                  | 0.50                | ND            | --            | ND      | ND      | ND           | ND            | 8.73         | 10.9         |          |
| 06/16/01                                     | 99.18         | 21.92          | 0.00          | 77.26                  | -0.62               | 53            | --            | ND      | 0.74    | ND           | ND            | 140          | 170          |          |
| 09/24/01                                     | 99.18         | 22.11          | 0.00          | 77.07                  | -0.19               | 62            | --            | ND<0.50 | ND<0.50 | ND<0.50      | ND<0.50       | 78           | 120          |          |
| 12/10/01                                     | 99.18         | 22.17          | 0.00          | 77.01                  | -0.06               | 71            | --            | 1.0     | ND<0.50 | ND<0.50      | ND<0.50       | 100          | 150          |          |

**Table 2**  
**HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS**  
**June 1999 Through April 2006**  
**76 Station 7259**

| Date Sampled                                 | TOC Elevation | Depth to Water | LPH Thickness | Ground-water Elevation | Change in Elevation | TPH-G (8015M) | TPH-G (GC/MS) | Benzene | Toluene | Ethyl-benzene | Total Xylenes | MTBE (8021B) | MTBE (8260B) | Comments |
|--|---------------|----------------|---------------|------------------------|---------------------|---------------|---------------|---------|---------|---------------|---------------|--------------|--------------|----------|
| (feet)                                       | (feet)        | (feet)         | (feet)        | (feet)                 | (feet)              | (µg/l)        | (µg/l)        | (µg/l)  | (µg/l)  | (µg/l)        | (µg/l)        | (µg/l)       | (µg/l)       |          |
| <b>MW-1 continued</b>                        |               |                |               |                        |                     |               |               |         |         |               |               |              |              |          |
| 03/07/02                                     | 99.18         | 22.19          | 0.00          | 76.99                  | -0.02               | 51            | --            | ND<0.50 | ND<0.50 | ND<0.50       | 0.63          | 130          | 120          |          |
| 06/13/02                                     | 99.19         | 22.38          | 0.00          | 76.81                  | -0.18               | ND<50         | --            | ND<0.50 | ND<0.50 | ND<0.50       | ND<0.50       | 100          | 28           |          |
| 09/06/02                                     | 99.19         | 22.38          | 0.00          | 76.81                  | 0.00                | 78            | --            | ND<0.50 | ND<0.50 | ND<0.50       | ND<0.50       | 76           | 94           |          |
| 12/09/02                                     | 99.19         | 22.42          | 0.00          | 76.77                  | -0.04               | --            | 94            | 7.7     | ND<0.50 | ND<0.50       | ND<1.0        | --           | 66           |          |
| 03/10/03                                     | 99.19         | 21.98          | 0.00          | 77.21                  | 0.44                | --            | ND<50         | ND<0.50 | ND<0.50 | ND<0.50       | ND<0.50       | --           | 71           |          |
| 06/09/03                                     | 99.19         | 21.79          | 0.00          | 77.40                  | 0.19                | --            | 82            | ND<0.50 | ND<0.50 | ND<0.50       | ND<0.50       | --           | 61           |          |
| 09/08/03                                     | 99.19         | 22.25          | 0.00          | 76.94                  | -0.46               | --            | ND<50         | ND<0.50 | ND<0.50 | ND<0.50       | ND<1.0        | --           | 52           |          |
| 12/24/03                                     | 99.19         | 21.69          | 0.00          | 77.50                  | 0.56                | --            | 87            | ND<0.50 | ND<0.50 | ND<0.50       | ND<1.0        | --           | 54           |          |
| 03/31/04                                     | 99.19         | 21.44          | 0.00          | 77.75                  | 0.25                | --            | 100           | ND<0.50 | ND<0.50 | ND<0.50       | ND<1.0        | --           | 33           |          |
| 06/24/04                                     | 99.19         | 21.65          | 0.00          | 77.54                  | -0.21               | --            | 89            | ND<0.50 | ND<0.50 | ND<0.50       | ND<1.0        | --           | 31           |          |
| 09/23/04                                     | 99.19         | 21.79          | 0.00          | 77.40                  | -0.14               | --            | 1900          | 5.7     | 0.60    | ND<0.50       | ND<1.0        | --           | 41           |          |
| 12/28/04                                     | 99.19         | 21.63          | 0.00          | 77.56                  | 0.16                | --            | 57            | ND<0.50 | ND<0.50 | ND<0.50       | ND<1.0        | --           | 32           |          |
| 02/24/05                                     | 99.19         | 20.96          | 0.00          | 78.23                  | 0.67                | --            | 150           | 3.0     | 0.62    | ND<0.50       | ND<1.0        | --           | 29           |          |
| 04/12/05                                     | 99.19         | 20.55          | 0.00          | 78.64                  | 0.41                | --            | 74            | 0.78    | ND<0.50 | ND<0.50       | ND<1.0        | --           | 25           |          |
| 08/17/05                                     | 99.19         | 21.23          | 0.00          | 77.96                  | -0.68               | --            | ND<50         | ND<0.50 | ND<0.50 | ND<0.50       | ND<1.0        | --           | 22           |          |
| 11/09/05                                     | 99.19         | 21.42          | 0.00          | 77.77                  | -0.19               | --            | 100           | ND<0.50 | ND<0.50 | ND<0.50       | ND<1.0        | --           | 16           |          |
| 02/01/06                                     | 99.19         | 21.10          | 0.00          | 78.09                  | 0.32                | --            | ND<50         | ND<0.50 | ND<0.50 | ND<0.50       | ND<1.0        | --           | 14           |          |
| 04/24/06                                     | 99.19         | 20.32          | 0.00          | 78.87                  | 0.78                | --            | 85            | ND<0.50 | ND<0.50 | 0.80          | 2.0           | --           | 15           |          |
| <b>MW-2 (Screen Interval in feet: 15-35)</b> |               |                |               |                        |                     |               |               |         |         |               |               |              |              |          |
| 06/03/99                                     | 100.82        | 23.44          | --            | 77.38                  | --                  | 360           | --            | 0.7     | 0.6     | 0.9           | 1.7           | 17000        | --           |          |
| 09/15/99                                     | 100.82        | 24.21          | 0.00          | 76.61                  | -0.77               | 84            | --            | 1.42    | 0.651   | 0.509         | ND            | 153          | 210          |          |
| 12/07/99                                     | 100.82        | 24.29          | 0.00          | 76.53                  | -0.08               | 91.7          | --            | 0.591   | ND      | ND            | ND            | 27.9         | --           |          |
| 03/01/00                                     | 100.82        | 23.74          | 0.00          | 77.08                  | 0.55                | 430           | --            | ND      | 6.8     | 3.7           | 9.1           | 3            | --           |          |
| 06/10/00                                     | 100.82        | 23.76          | 0.00          | 77.06                  | -0.02               | 81            | --            | 1.3     | ND      | ND            | ND            | 420          | --           |          |



**Table 2**  
**HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS**  
**June 1999 Through April 2006**  
**76 Station 7259**

| Date Sampled          | TOC Elevation | Depth to Water | LPH Thickness | Ground-water Elevation | Change in Elevation | TPH-G (8015M) | TPH-G (GC/MS) | Benzene | Toluene | Ethylbenzene | Total Xylenes | MTBE (8021B) | MTBE (8260B) | Comments |
|-----------------------|---------------|----------------|---------------|------------------------|---------------------|---------------|---------------|---------|---------|--------------|---------------|--------------|--------------|----------|
|                       | (feet)        | (feet)         | (feet)        | (feet)                 | (feet)              | (µg/l)        | (µg/l)        | (µg/l)  | (µg/l)  | (µg/l)       | (µg/l)        | (µg/l)       | (µg/l)       |          |
| <b>MW-2 continued</b> |               |                |               |                        |                     |               |               |         |         |              |               |              |              |          |
| 09/14/00              | 100.82        | 23.98          | 0.00          | 76.84                  | -0.22               | 214           | --            | ND      | 1.02    | ND           | ND            | ND           | ND           |          |
| 12/04/00              | 100.82        | 24.02          | 0.00          | 76.80                  | -0.04               | 87.8          | --            | 1.67    | ND      | 0.714        | ND            | ND           | ND           |          |
| 02/28/01              | 100.82        | 23.65          | 0.00          | 77.17                  | 0.37                | 236           | --            | ND      | 0.759   | ND           | 0.69          | ND           | ND           |          |
| 06/16/01              | 100.82        | 23.98          | 0.00          | 76.84                  | -0.33               | 170           | --            | ND      | 1.2     | ND           | 0.85          | ND           | ND           |          |
| 09/24/01              | 100.82        | 24.16          | 0.00          | 76.66                  | -0.18               | 120           | --            | ND<0.50 | ND<0.50 | ND<0.50      | ND<0.50       | ND<5.0       | ND<2.0       |          |
| 12/10/01              | 100.82        | 24.23          | 0.00          | 76.59                  | -0.07               | 190           | --            | ND<0.50 | 0.81    | ND<0.50      | ND<0.50       | ND<5.0       | 1.8          |          |
| 03/07/02              | 100.82        | 24.22          | 0.00          | 76.60                  | 0.01                | 97            | --            | 1.7     | ND<0.50 | ND<0.50      | ND<0.50       | ND<5.0       | --           |          |
| 06/13/02              | 100.82        | 24.37          | 0.00          | 76.45                  | -0.15               | 93            | --            | ND<0.50 | 0.61    | ND<0.50      | ND<0.50       | ND<2.5       | --           |          |
| 09/06/02              | 100.82        | 24.37          | 0.00          | 76.45                  | 0.00                | ND<50         | --            | ND<0.50 | ND<0.50 | ND<0.50      | ND<0.50       | ND<2.5       | --           |          |
| 12/09/02              | 100.82        | 24.43          | 0.00          | 76.39                  | -0.06               | --            | 82            | ND<0.50 | ND<0.50 | ND<0.50      | ND<1.0        | --           | ND<2.0       |          |
| 03/10/03              | 100.82        | 24.08          | 0.00          | 76.74                  | 0.35                | --            | ND<50         | ND<0.50 | ND<0.50 | ND<0.50      | ND<0.50       | --           | 3.0          |          |
| 06/09/03              | 100.82        | 23.90          | 0.00          | 76.92                  | 0.18                | --            | 91            | ND<0.50 | ND<0.50 | ND<0.50      | ND<0.50       | --           | 2.6          |          |
| 09/08/03              | 100.82        | 24.14          | 0.00          | 76.68                  | -0.24               | --            | ND<50         | ND<0.50 | ND<0.50 | ND<0.50      | ND<1.0        | --           | 1.8          |          |
| 12/24/03              | 100.82        | 23.84          | 0.00          | 76.98                  | 0.30                | --            | 130           | ND<0.50 | ND<0.50 | ND<0.50      | ND<1.0        | --           | ND<2.0       |          |
| 03/31/04              | 100.82        | 23.67          | 0.00          | 77.15                  | 0.17                | --            | 96            | ND<0.50 | ND<0.50 | ND<0.50      | ND<1.0        | --           | 1.8          |          |
| 06/24/04              | 100.82        | 23.90          | 0.00          | 76.92                  | -0.23               | --            | ND<50         | 0.90    | 1.7     | 0.63         | 1.8           | --           | 1.3          |          |
| 09/23/04              | 100.82        | 23.90          | 0.00          | 76.92                  | 0.00                | --            | 58            | ND<0.50 | ND<0.50 | ND<0.50      | ND<1.0        | --           | 1.4          |          |
| 12/28/04              | 100.82        | 23.86          | 0.00          | 76.96                  | 0.04                | --            | 50            | ND<0.50 | ND<0.50 | ND<0.50      | ND<1.0        | --           | 1.3          |          |
| 02/24/05              | 100.82        | 23.43          | 0.00          | 77.39                  | 0.43                | --            | 50            | ND<0.50 | 0.59    | ND<0.50      | ND<1.0        | --           | 1.7          |          |
| 04/12/05              | 100.82        | 23.28          | 0.00          | 77.54                  | 0.15                | --            | 59            | ND<0.50 | ND<0.50 | ND<0.50      | ND<1.0        | --           | 1.2          |          |
| 08/17/05              | 100.82        | 23.43          | 0.00          | 77.39                  | -0.15               | --            | ND<50         | ND<0.50 | ND<0.50 | ND<0.50      | ND<1.0        | --           | 1.3          |          |
| 11/09/05              | 100.82        | 23.57          | 0.00          | 77.25                  | -0.14               | --            | 92            | ND<0.50 | ND<0.50 | ND<0.50      | ND<1.0        | --           | 1.8          |          |
| 02/01/06              | 100.82        | 23.33          | 0.00          | 77.49                  | 0.24                | --            | 83            | ND<0.50 | ND<0.50 | ND<0.50      | ND<1.0        | --           | 1.4          |          |
| 04/24/06              | 100.82        | 22.85          | 0.00          | 77.97                  | 0.48                | --            | 74            | ND<0.50 | ND<0.50 | 0.85         | 2.4           | --           | 1.4          |          |

**Table 2**  
**HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS**  
**June 1999 Through April 2006**  
**76 Station 7259**

| 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 (8015M)<br>(µg/l) | TPH-G (GC/MS)<br>(µg/l) | Benzene<br>(µg/l) | Toluene<br>(µg/l) | Ethylbenzene<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: 15-35)</b> |                         |                                  |                               |                         |                         |                   |                   |                        |                         |                        |                        |                         |
| 06/03/99     | 99.61                   | 21.19                                   | --                      | 78.42                            | --                            | 33000                   | --                      | 2400              | 1600              | 1600                   | 5800                    | --                     | 6500                   |                         |
| 09/15/99     | 99.61                   | 22.03                                   | 0.07                    | 77.63                            | -0.79                         | --                      | --                      | --                | --                | --                     | --                      | --                     | --                     | LPH                     |
| 12/07/99     | 99.61                   | 22.23                                   | 0.04                    | 77.41                            | -0.22                         | --                      | --                      | --                | --                | --                     | --                      | --                     | --                     | LPH                     |
| 03/01/00     | 99.61                   | 21.68                                   | --                      | 77.93                            | 0.52                          | 37000                   | --                      | 3600              | 420               | 1400                   | 4100                    | 800                    | --                     |                         |
| 06/10/00     | 99.61                   | 21.40                                   | 0.01                    | 78.22                            | 0.29                          | 74000                   | --                      | 5400              | 1200              | 2300                   | 7700                    | ND                     | --                     |                         |
| 09/14/00     | 99.61                   | 21.73                                   | --                      | 77.88                            | -0.34                         | 65600                   | --                      | 5660              | 1190              | 2220                   | 9460                    | 3090                   | 2600                   |                         |
| 12/04/00     | 99.61                   | 21.66                                   | 0.01                    | 77.96                            | 0.08                          | 38700                   | --                      | 5230              | 1110              | 1770                   | 6740                    | 3570                   | 1810                   |                         |
| 02/28/01     | 99.61                   | 21.59                                   | 0.00                    | 78.02                            | 0.06                          | 221000                  | --                      | 5440              | 1670              | 2370                   | 10200                   | 4490                   | 5790                   |                         |
| 06/16/01     | 99.61                   | 22.01                                   | 0.01                    | 77.61                            | -0.41                         | 120000                  | --                      | 2800              | 970               | 2400                   | 12000                   | 2200                   | 2200                   |                         |
| 09/24/01     | 99.61                   | 22.32                                   | 0.04                    | 77.32                            | -0.29                         | --                      | --                      | --                | --                | --                     | --                      | --                     | --                     | LPH                     |
| 12/10/01     | 99.61                   | 22.09                                   | 0.00                    | 77.52                            | 0.20                          | 37000                   | --                      | 1900              | 1100              | 1100                   | 4400                    | 1000                   | 400                    |                         |
| 03/07/02     | 99.61                   | 22.24                                   | 0.00                    | 77.37                            | -0.15                         | 76000                   | --                      | 1500              | 690               | 1300                   | 5700                    | ND<1000                | --                     |                         |
| 06/13/02     | 99.61                   | 22.62                                   | 0.00                    | 76.99                            | -0.38                         | 21000                   | --                      | 1300              | 820               | 1100                   | 4300                    | ND<250                 | --                     |                         |
| 09/06/02     | 99.61                   | 22.51                                   | 0.00                    | 77.10                            | 0.11                          | 23000                   | --                      | 2100              | 760               | 1200                   | 4300                    | 920                    | 240                    |                         |
| 12/09/02     | 99.61                   | 22.57                                   | 0.00                    | 77.04                            | -0.06                         | --                      | 28000                   | 1600              | 370               | 1300                   | 4500                    | --                     | 95                     |                         |
| 03/10/03     | 99.61                   | 22.12                                   | 0.00                    | 77.49                            | 0.45                          | --                      | 31000                   | 1200              | 440               | 1600                   | 5800                    | --                     | 95                     |                         |
| 06/09/03     | 99.61                   | 21.96                                   | 0.00                    | 77.65                            | 0.16                          | --                      | 13000                   | 440               | 54                | 620                    | 810                     | --                     | 3200                   |                         |
| 09/08/03     | 99.61                   | 22.42                                   | 0.00                    | 77.19                            | -0.46                         | --                      | 2000                    | 11                | ND<2.5            | ND<2.5                 | 27                      | --                     | 4.2                    |                         |
| 12/24/03     | 99.61                   | 21.63                                   | 0.00                    | 77.98                            | 0.79                          | --                      | 41000                   | 620               | 680               | 2100                   | 7600                    | --                     | ND<80                  |                         |
| 03/31/04     | 99.61                   | 21.39                                   | 0.00                    | 78.22                            | 0.24                          | --                      | 24000                   | 1300              | 1000              | 1400                   | 3600                    | --                     | 160                    |                         |
| 06/24/04     | 99.61                   | 21.66                                   | 0.01                    | 77.96                            | -0.26                         | --                      | --                      | --                | --                | --                     | --                      | --                     | --                     |                         |
| 09/23/04     | 99.61                   | 21.80                                   | 0.01                    | 77.82                            | -0.14                         | --                      | --                      | --                | --                | --                     | --                      | --                     | --                     | Not sampled-LPH in well |
| 12/28/04     | 99.61                   | 21.49                                   | 0.00                    | 78.12                            | 0.30                          | --                      | 31000                   | 1000              | 1100              | 1600                   | 4900                    | --                     | 110                    |                         |
| 02/24/05     | 99.61                   | 20.80                                   | 0.00                    | 78.81                            | 0.69                          | --                      | 46000                   | 400               | 430               | 1700                   | 6100                    | --                     | 39                     |                         |

**Table 2**  
**HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS**  
**June 1999 Through April 2006**  
**76 Station 7259**

| 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 (8015M)<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>                            |                         |                          |                         |                                  |                               |                         |                         |                   |                   |                         |                         |                        |                        |          |
| 04/12/05   | 99.61                   | 20.73                    | 0.00                    | 78.88                            | 0.07                          | --                      | 32000                   | 910               | 990               | 1300                    | 2900                    | --                     | 86                     |          |
| 08/17/05   | 99.61                   | 21.31                    | 0.00                    | 78.30                            | -0.58                         | --                      | 43000                   | 680               | 570               | 2000                    | 4800                    | --                     | ND<100                 |          |
| 11/09/05   | 99.61                   | 21.48                    | 0.00                    | 78.13                            | -0.17                         | --                      | 13000                   | 270               | 240               | 490                     | 990                     | --                     | ND<25                  |          |
| 02/01/06   | 99.61                   | 21.02                    | 0.00                    | 78.59                            | 0.46                          | --                      | 20000                   | 320               | 240               | 890                     | 1900                    | --                     | 23                     |          |
| 04/24/06   | 99.61                   | 20.30                    | 0.00                    | 79.31                            | 0.72                          | --                      | 42000                   | 160               | 140               | 860                     | 1800                    | --                     | ND<25                  |          |
| <b>MW-4 (Screen Interval in feet: 15.0-35.0)</b> |                         |                          |                         |                                  |                               |                         |                         |                   |                   |                         |                         |                        |                        |          |
| 06/16/01   | 99.16                   | 21.45                    | 0.00                    | 77.71                            | --                            | ND                      | --                      | 0.86              | ND                | ND                      | ND                      | 58                     | 65                     |          |
| 09/24/01   | 99.16                   | 21.68                    | 0.00                    | 77.48                            | -0.23                         | 53                      | --                      | 1                 | ND<0.50           | ND<0.50                 | ND<0.50                 | 43                     | 53                     |          |
| 12/10/01   | 99.16                   | 21.66                    | 0.00                    | 77.50                            | 0.02                          | 200                     | --                      | 7.3               | 2.0               | ND<0.50                 | 3.5                     | 29                     | 27                     |          |
| 03/07/02   | 99.16                   | 21.75                    | 0.00                    | 77.41                            | -0.09                         | ND<50                   | --                      | ND<0.50           | ND<0.50           | ND<0.50                 | ND<0.50                 | 29                     | --                     |          |
| 06/13/02   | 99.16                   | 21.98                    | 0.00                    | 77.18                            | -0.23                         | ND<50                   | --                      | ND<0.50           | ND<0.50           | ND<0.50                 | ND<0.50                 | 10                     | --                     |          |
| 09/06/02   | 99.16                   | 21.95                    | 0.00                    | 77.21                            | 0.03                          | ND<50                   | --                      | ND<0.50           | ND<0.50           | ND<0.50                 | ND<0.50                 | 5.8                    | 6.0                    |          |
| 12/09/02   | 99.16                   | 22.04                    | 0.00                    | 77.12                            | -0.09                         | --                      | ND<50                   | ND<0.50           | ND<0.50           | ND<0.50                 | ND<1.0                  | --                     | 5.0                    |          |
| 03/10/03   | 99.16                   | 21.55                    | 0.00                    | 77.61                            | 0.49                          | --                      | ND<50                   | ND<0.50           | ND<0.50           | ND<0.50                 | ND<0.50                 | --                     | 3.7                    |          |
| 06/09/03   | 99.16                   | 21.32                    | 0.00                    | 77.84                            | 0.23                          | --                      | 67                      | ND<0.50           | ND<0.50           | ND<0.50                 | ND<0.50                 | --                     | 2.0                    |          |
| 09/08/03   | 99.16                   | 21.78                    | 0.00                    | 77.38                            | -0.46                         | --                      | ND<50                   | ND<0.50           | ND<0.50           | ND<0.50                 | ND<1.0                  | --                     | 1.5                    |          |
| 12/24/03   | 99.16                   | 21.12                    | 0.00                    | 78.04                            | 0.66                          | --                      | 59                      | ND<0.50           | ND<0.50           | ND<0.50                 | ND<1.0                  | --                     | 2.1                    |          |
| 03/31/04   | 99.16                   | 20.89                    | 0.00                    | 78.27                            | 0.23                          | --                      | 60                      | ND<0.50           | ND<0.50           | 0.62                    | ND<1.0                  | --                     | 5.8                    |          |
| 06/24/04   | 99.16                   | 21.15                    | 0.00                    | 78.01                            | -0.26                         | --                      | ND<50                   | 0.96              | 1.0               | ND<0.50                 | ND<1.0                  | --                     | 11                     |          |
| 09/23/04   | 99.16                   | 21.27                    | 0.00                    | 77.89                            | -0.12                         | --                      | ND<50                   | ND<0.50           | ND<0.50           | ND<0.50                 | ND<1.0                  | --                     | 8.9                    |          |
| 12/28/04   | 99.16                   | 21.64                    | 0.00                    | 77.52                            | -0.37                         | --                      | 59                      | ND<0.50           | ND<0.50           | ND<0.50                 | ND<1.0                  | --                     | 2.3                    |          |
| 02/24/05   | 99.16                   | 20.31                    | 0.00                    | 78.85                            | 1.33                          | --                      | 85                      | ND<0.50           | ND<0.50           | ND<0.50                 | ND<1.0                  | --                     | 1.5                    |          |
| 04/12/05   | 99.16                   | 20.22                    | 0.00                    | 78.94                            | 0.09                          | --                      | ND<50                   | ND<0.50           | ND<0.50           | ND<0.50                 | ND<1.0                  | --                     | 4.8                    |          |
| 08/17/05   | 99.16                   | 20.69                    | 0.00                    | 78.47                            | -0.47                         | --                      | ND<50                   | ND<0.50           | ND<0.50           | ND<0.50                 | ND<1.0                  | --                     | 5.0                    |          |

**Table 2**  
**HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS**  
**June 1999 Through April 2006**  
**76 Station 7259**

| Date Sampled                                     | TOC Elevation | Depth to Water | LPH Thickness | Ground-water Elevation | Change in Elevation | TPH-G (8015M) | TPH-G (GC/MS) | Benzene | Toluene | Ethyl-benzene | Total Xylenes | MTBE (8021B) | MTBE (8260B) | Comments |
|--|---------------|----------------|---------------|------------------------|---------------------|---------------|---------------|---------|---------|---------------|---------------|--------------|--------------|----------|
| (feet)   | (feet)        | (feet)         | (feet)        | (feet)                 | (feet)              | (µg/l)        | (µg/l)        | (µg/l)  | (µg/l)  | (µg/l)        | (µg/l)        | (µg/l)       | (µg/l)       |          |
| <b>MW-4 continued</b>                            |               |                |               |                        |                     |               |               |         |         |               |               |              |              |          |
| 11/09/05   | 99.16         | 20.91          | 0.00          | 78.25                  | -0.22               | --            | 66            | ND<0.50 | ND<0.50 | ND<0.50       | ND<1.0        | --           | 5.8          |          |
| 02/01/06   | 99.16         | 20.50          | 0.00          | 78.66                  | 0.41                | --            | ND<50         | ND<0.50 | ND<0.50 | ND<0.50       | ND<1.0        | --           | 3.3          |          |
| 04/24/06   | 99.16         | 19.74          | 0.00          | 79.42                  | 0.76                | --            | ND<50         | ND<0.50 | ND<0.50 | ND<0.50       | ND<1.0        | --           | 3.2          |          |
| <b>MW-5 (Screen Interval in feet: 15.0-35.0)</b> |               |                |               |                        |                     |               |               |         |         |               |               |              |              |          |
| 06/16/01   | 99.34         | 20.68          | 0.00          | 78.66                  | --                  | ND            | --            | ND      | ND      | ND            | ND            | 4.2          | ND           |          |
| 09/24/01   | 99.34         | 20.63          | 0.00          | 78.71                  | 0.05                | ND<50         | --            | ND<0.50 | ND<0.50 | ND<0.50       | ND<0.50       | ND<5.0       | ND<2.0       |          |
| 12/10/01   | 99.34         | 20.83          | 0.00          | 78.51                  | -0.20               | ND<50         | --            | ND<0.50 | ND<0.50 | ND<0.50       | ND<0.50       | ND<5.0       | ND<1.0       |          |
| 03/07/02   | 99.34         | 21.11          | 0.00          | 78.23                  | -0.28               | ND<50         | --            | ND<0.50 | ND<0.50 | ND<0.50       | ND<0.50       | ND<5.0       | --           |          |
| 06/13/02   | 99.34         | 21.26          | 0.00          | 78.08                  | -0.15               | ND<50         | --            | ND<0.50 | ND<0.50 | ND<0.50       | ND<0.50       | ND<2.5       | --           |          |
| 09/06/02   | 99.35         | 21.24          | 0.00          | 78.11                  | 0.03                | ND<50         | --            | ND<0.50 | ND<0.50 | ND<0.50       | ND<0.50       | ND<2.5       | --           |          |
| 12/09/02   | 99.35         | 21.31          | 0.00          | 78.04                  | -0.07               | --            | ND<50         | ND<0.50 | ND<0.50 | ND<0.50       | ND<1.0        | --           | ND<2.0       |          |
| 03/10/03   | 99.35         | 20.90          | 0.00          | 78.45                  | 0.41                | --            | 91            | ND<0.50 | 0.86    | ND<0.50       | 1.2           | --           | ND<2.0       |          |
| 06/09/03   | 99.35         | 20.74          | 0.00          | 78.61                  | 0.16                | --            | 51            | ND<0.50 | ND<0.50 | ND<0.50       | ND<0.50       | --           | ND<2.0       |          |
| 09/08/03   | 99.35         | 21.09          | 0.00          | 78.26                  | -0.35               | --            | ND<50         | ND<0.50 | ND<0.50 | ND<0.50       | ND<1.0        | --           | ND<0.50      |          |
| 12/24/03   | 99.35         | 19.91          | 0.00          | 79.44                  | 1.18                | --            | ND<50         | ND<0.50 | ND<0.50 | ND<0.50       | ND<1.0        | --           | ND<2.0       |          |
| 03/31/04   | 99.35         | 19.01          | 0.00          | 80.34                  | 0.90                | --            | ND<50         | ND<0.50 | ND<0.50 | ND<0.50       | ND<1.0        | --           | ND<0.50      |          |
| 06/24/04   | 99.35         | 19.65          | 0.00          | 79.70                  | -0.64               | --            | ND<50         | ND<0.50 | ND<0.50 | ND<0.50       | ND<1.0        | --           | ND<0.50      |          |
| 09/23/04   | 99.35         | 19.94          | 0.00          | 79.41                  | -0.29               | --            | 71            | ND<0.50 | ND<0.50 | ND<0.50       | ND<1.0        | --           | ND<0.50      |          |
| 12/28/04   | 99.35         | 20.19          | 0.00          | 79.16                  | -0.25               | --            | ND<50         | ND<0.50 | ND<0.50 | ND<0.50       | ND<1.0        | --           | ND<0.50      |          |
| 02/24/05   | 99.35         | 19.14          | 0.00          | 80.21                  | 1.05                | --            | ND<50         | ND<0.50 | ND<0.50 | ND<0.50       | ND<1.0        | --           | ND<0.50      |          |
| 04/12/05   | 99.35         | 19.01          | 0.00          | 80.34                  | 0.13                | --            | ND<50         | ND<0.50 | ND<0.50 | ND<0.50       | ND<1.0        | --           | ND<0.50      |          |
| 08/17/05   | 99.35         | 19.55          | 0.00          | 79.80                  | -0.54               | --            | ND<50         | ND<0.50 | ND<0.50 | ND<0.50       | ND<1.0        | --           | ND<0.50      |          |
| 11/09/05   | 99.35         | 19.87          | 0.00          | 79.48                  | -0.32               | --            | ND<50         | ND<0.50 | ND<0.50 | ND<0.50       | ND<1.0        | --           | ND<0.50      |          |
| 02/01/06   | 99.35         | 19.28          | 0.00          | 80.07                  | 0.59                | --            | 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**  
**June 1999 Through April 2006**  
**76 Station 7259**

| 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 (8015M)<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-5 continued</b>                            |                         |                          |                         |                                  |                               |                         |                         |                   |                   |                         |                         |                        |                        |          |
| 04/24/06   | 99.35                   | 18.25                    | 0.00                    | 81.10                            | 1.03                          | --                      | ND<50                   | ND<0.50           | ND<0.50           | ND<0.50                 | ND<1.0                  | --                     | ND<0.50                |          |
| <b>MW-6 (Screen Interval in feet: 15.0-35.0)</b> |                         |                          |                         |                                  |                               |                         |                         |                   |                   |                         |                         |                        |                        |          |
| 09/06/02   | 101.26                  | 25.56                    | 0.00                    | 75.70                            | --                            | 11000                   | --                      | 680               | 59                | 360                     | 510                     | 1600                   | 1400                   |          |
| 12/09/02   | 101.26                  | 25.60                    | 0.00                    | 75.66                            | -0.04                         | --                      | 4600                    | 21                | 1.7               | 14                      | 75                      | --                     | 23                     |          |
| 03/10/03   | 101.26                  | 25.31                    | 0.00                    | 75.95                            | 0.29                          | --                      | 4900                    | 1.1               | 1.5               | 25                      | 100                     | --                     | ND<2.0                 |          |
| 06/09/03   | 101.26                  | 25.12                    | 0.00                    | 76.14                            | 0.19                          | --                      | 6100                    | 26                | 2.2               | 32                      | 120                     | --                     | 4.2                    |          |
| 09/08/03   | 101.26                  | 25.42                    | 0.00                    | 75.84                            | -0.30                         | --                      | 1000                    | 10                | ND<2.5            | ND<2.5                  | 27                      | --                     | ND<2.5                 |          |
| 12/24/03   | 101.26                  | 25.09                    | 0.00                    | 76.17                            | 0.33                          | --                      | 4000                    | ND<2.5            | ND<2.5            | 25                      | 30                      | --                     | ND<10                  |          |
| 03/31/04   | 101.26                  | 24.91                    | 0.00                    | 76.35                            | 0.18                          | --                      | 19000                   | 170               | 16                | 570                     | 760                     | --                     | 190                    |          |
| 06/24/04   | 101.26                  | 25.08                    | 0.00                    | 76.18                            | -0.17                         | --                      | 8300                    | 150               | 7.3               | 150                     | 140                     | --                     | 170                    |          |
| 09/23/04   | 101.26                  | 25.11                    | 0.00                    | 76.15                            | -0.03                         | --                      | 8200                    | 140               | ND<10             | 130                     | 120                     | --                     | 110                    |          |
| 12/28/04   | 101.26                  | 25.64                    | 0.00                    | 75.62                            | -0.53                         | --                      | 22000                   | 120               | ND<10             | 260                     | 260                     | --                     | 120                    |          |
| 02/24/05   | 101.26                  | 24.59                    | 0.00                    | 76.67                            | 1.05                          | --                      | 6600                    | 18                | ND<2.0            | 78                      | 58                      | --                     | 11                     |          |
| 04/12/05   | 101.26                  | 24.53                    | 0.00                    | 76.73                            | 0.06                          | --                      | 5800                    | 45                | ND<2.5            | 92                      | 71                      | --                     | 22                     |          |
| 08/17/05   | 101.26                  | 24.72                    | 0.00                    | 76.54                            | -0.19                         | --                      | 20000                   | 37                | ND<2.5            | 170                     | 120                     | --                     | ND<2.5                 |          |
| 11/09/05   | 101.26                  | 24.85                    | 0.00                    | 76.41                            | -0.13                         | --                      | 2100                    | 35                | 2.9               | 150                     | 160                     | --                     | 8.0                    |          |
| 02/01/06   | 101.26                  | 24.63                    | 0.00                    | 76.63                            | 0.22                          | --                      | 7200                    | 3.6               | 1.0               | 79                      | 65                      | --                     | ND<0.50                |          |
| 04/24/06   | 101.26                  | 24.16                    | 0.00                    | 77.10                            | 0.47                          | --                      | 1700                    | 0.56              | 0.61              | 37                      | 30                      | --                     | ND<0.50                |          |
| <b>MW-7 (Screen Interval in feet: 15-0-35.0)</b> |                         |                          |                         |                                  |                               |                         |                         |                   |                   |                         |                         |                        |                        |          |
| 09/06/02   | 100.57                  | 23.37                    | 0.00                    | 77.20                            | --                            | ND<50                   | --                      | ND<0.50           | ND<0.50           | ND<0.50                 | ND<0.50                 | 6.6                    | 8.1                    |          |
| 12/09/02   | 100.57                  | 23.39                    | 0.00                    | 77.18                            | -0.02                         | --                      | ND<50                   | ND<0.50           | ND<0.50           | ND<0.50                 | ND<1.0                  | --                     | ND<5.0                 |          |
| 03/10/03   | 100.57                  | 23.02                    | 0.00                    | 77.55                            | 0.37                          | --                      | 90                      | ND<0.50           | 0.56              | 0.67                    | ND<0.50                 | --                     | ND<2.0                 |          |
| 06/09/03   | 100.57                  | 22.80                    | 0.00                    | 77.77                            | 0.22                          | --                      | 50                      | ND<0.50           | ND<0.50           | ND<0.50                 | ND<0.50                 | --                     | ND<2.0                 |          |

**Table 2**  
**HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS**  
**June 1999 Through April 2006**  
**76 Station 7259**

| 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 (8015M)<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> |                         |                          |                         |                                  |                               |                         |                         |                   |                   |                         |                         |                        |                        |          |
| 09/08/03              | 100.57                  | 23.16                    | 0.00                    | 77.41                            | -0.36                         | --                      | ND<50                   | ND<0.50           | ND<0.50           | ND<0.50                 | ND<1.0                  | --                     | ND<0.50                |          |
| 12/24/03              | 100.57                  | 22.32                    | 0.00                    | 78.25                            | 0.84                          | --                      | ND<50                   | ND<0.50           | ND<0.50           | ND<0.50                 | ND<1.0                  | --                     | ND<2.0                 |          |
| 03/31/04              | 100.57                  | 21.91                    | 0.00                    | 78.66                            | 0.41                          | --                      | ND<50                   | ND<0.50           | ND<0.50           | ND<0.50                 | ND<1.0                  | --                     | ND<0.50                |          |
| 06/24/04              | 100.57                  | 22.25                    | 0.00                    | 78.32                            | -0.34                         | --                      | ND<50                   | ND<0.50           | ND<0.50           | ND<0.50                 | ND<1.0                  | --                     | ND<0.50                |          |
| 09/23/04              | 100.57                  | 22.40                    | 0.00                    | 78.17                            | -0.15                         | --                      | ND<50                   | ND<0.50           | ND<0.50           | ND<0.50                 | ND<1.0                  | --                     | ND<0.50                |          |
| 12/28/04              | 100.57                  | 22.30                    | 0.00                    | 78.27                            | 0.10                          | --                      | ND<50                   | ND<0.50           | ND<0.50           | ND<0.50                 | ND<1.0                  | --                     | ND<0.50                |          |
| 02/24/05              | 100.57                  | 21.31                    | 0.00                    | 79.26                            | 0.99                          | --                      | ND<50                   | ND<0.50           | ND<0.50           | ND<0.50                 | ND<1.0                  | --                     | ND<0.50                |          |
| 04/12/05              | 100.57                  | 21.32                    | 0.00                    | 79.25                            | -0.01                         | --                      | ND<50                   | ND<0.50           | ND<0.50           | ND<0.50                 | ND<1.0                  | --                     | ND<0.50                |          |
| 08/17/05              | 100.57                  | 21.87                    | 0.00                    | 78.70                            | -0.55                         | --                      | ND<50                   | ND<0.50           | ND<0.50           | ND<0.50                 | ND<1.0                  | --                     | ND<0.50                |          |
| 11/09/05              | 100.57                  | 22.05                    | 0.00                    | 78.52                            | -0.18                         | --                      | ND<50                   | ND<0.50           | ND<0.50           | ND<0.50                 | ND<1.0                  | --                     | ND<0.50                |          |
| 02/01/06              | 100.57                  | 21.58                    | 0.00                    | 78.99                            | 0.47                          | --                      | ND<50                   | ND<0.50           | ND<0.50           | ND<0.50                 | ND<1.0                  | --                     | ND<0.50                |          |
| 04/24/06              | 100.57                  | 20.73                    | 0.00                    | 79.84                            | 0.85                          | --                      | 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 7259**

| Date Sampled | TBA     | Ethanol (8260B) | Ethylene-dibromide (EDB) | 1,2-DCA (EDC) | DIPE    | ETBE    | TAME    | TPH- Jet Fuel |
|--------------|---------|-----------------|--------------------------|---------------|---------|---------|---------|---------------|
|              | (µg/l)  | (µg/l)          | (µg/l)                   | (µg/l)        | (µg/l)  | (µg/l)  | (µg/l)  | (µg/l)        |
| <b>EW-1</b>  |         |                 |                          |               |         |         |         |               |
| 09/24/01     | ND<100  | ND<1000         | ND<2.0                   | ND<2.0        | ND<2.0  | ND<2.0  | ND<2.0  | --            |
| 12/10/01     | ND<100  | ND<2500         | ND<5.0                   | ND<5.0        | ND<5.0  | ND<5.0  | ND<5.0  | --            |
| 09/06/02     | ND<200  | ND<400          | ND<5.0                   | ND<5.0        | ND<5.0  | ND<5.0  | ND<5.0  | --            |
| 06/24/04     | ND<5.0  | ND<50           | ND<0.50                  | ND<0.50       | ND<1.0  | ND<0.50 | ND<0.50 | --            |
| 11/09/05     | ND<10   | ND<250          | ND<0.50                  | ND<0.50       | ND<0.50 | ND<0.50 | ND<0.50 | --            |
| <b>EW-2</b>  |         |                 |                          |               |         |         |         |               |
| 09/24/01     | ND<500  | ND<5000         | ND<10                    | ND<10         | ND<10   | ND<10   | ND<10   | --            |
| 12/10/01     | ND<200  | ND<5000         | ND<10                    | ND<10         | ND<10   | ND<10   | ND<10   | --            |
| 09/06/02     | ND<400  | ND<800          | ND<10                    | 11            | ND<10   | ND<10   | 20      | --            |
| 09/08/03     | ND<5.0  | ND<130          | ND<0.50                  | ND<0.50       | ND<1.0  | ND<0.5  | ND<0.5  | 14            |
| 06/24/04     | ND<100  | ND<1000         | ND<10                    | ND<10         | ND<20   | ND<10   | ND<10   | --            |
| <b>EW-3</b>  |         |                 |                          |               |         |         |         |               |
| 09/24/01     | ND<3300 | ND<33000        | ND<67                    | ND<67         | ND<67   | ND<67   | ND<67   | --            |
| 12/10/01     | ND<500  | ND<12000        | ND<25                    | ND<25         | ND<25   | ND<25   | ND<25   | --            |
| 06/13/02     | ND<50   | ND<500          | ND<5.0                   | ND<5.0        | ND<5.0  | ND<5.0  | ND<5.0  | --            |
| 09/06/02     | ND<1000 | ND<2000         | ND<25                    | ND<25         | ND<25   | ND<25   | ND<25   | --            |
| 12/09/02     | ND<100  | ND<1000         | ND<10                    | ND<10         | ND<10   | ND<10   | ND<10   | --            |
| 06/24/04     | ND<250  | ND<2500         | ND<25                    | ND<25         | ND<50   | ND<25   | ND<25   | --            |
| <b>EW-7</b>  |         |                 |                          |               |         |         |         |               |
| 09/06/02     | ND<200  | ND<400          | ND<5.0                   | ND<5.0        | ND<5.0  | ND<5.0  | ND<5.0  | --            |
| 06/24/04     | ND<10   | ND<100          | ND<1.0                   | ND<1.0        | ND<2.0  | ND<1.0  | ND<1.0  | --            |
| 11/09/05     | ND<10   | ND<250          | ND<0.50                  | ND<0.50       | ND<0.50 | ND<0.50 | ND<0.50 | --            |
| <b>MW-1</b>  |         |                 |                          |               |         |         |         |               |
| 09/15/99     | ND      | ND              | --                       | --            | ND      | ND      | ND      | --            |
| 09/14/00     | ND      | --              | --                       | --            | ND      | ND      | ND      | --            |

**Table 2 a**  
**ADDITIONAL HISTORIC ANALYTICAL RESULTS**  
**76 Station 7259**

| Date Sampled          | TBA    | Ethanol (8260B) | Ethylene-dibromide (EDB) | 1,2-DCA (EDC) | DIPE    | ETBE    | TAME    | TPH- Jet Fuel |
|-----------------------|--------|-----------------|--------------------------|---------------|---------|---------|---------|---------------|
|                       | (µg/l) | (µg/l)          | (µg/l)                   | (µg/l)        | (µg/l)  | (µg/l)  | (µg/l)  | (µg/l)        |
| <b>MW-1 continued</b> |        |                 |                          |               |         |         |         |               |
| 12/04/00              | ND     | --              | --                       | --            | ND      | ND      | ND      | --            |
| 02/28/01              | ND     | ND              | ND                       | ND            | ND      | ND      | ND      | --            |
| 06/16/01              | ND     | ND              | ND                       | ND            | ND      | ND      | ND      | --            |
| 09/24/01              | ND<250 | ND<2500         | ND<5.0                   | ND<5.0        | ND<5.0  | ND<5.0  | ND<5.0  | --            |
| 12/10/01              | 27     | ND<500          | ND<1.0                   | ND<1.0        | ND<1.0  | ND<1.0  | ND<1.0  | --            |
| 03/07/02              | 32     | ND<500          | ND<1.0                   | ND<1.0        | ND<1.0  | ND<1.0  | ND<1.0  | --            |
| 06/13/02              | ND<5.0 | ND<50           | ND<0.50                  | ND<0.50       | ND<0.50 | ND<0.50 | ND<0.50 | --            |
| 09/06/02              | ND<100 | ND<200          | ND<2.5                   | ND<2.5        | ND<2.5  | ND<2.5  | ND<2.5  | --            |
| 12/09/02              | ND<5.0 | ND<50           | ND<5.0                   | ND<5.0        | ND<5.0  | ND<5.0  | ND<5.0  | --            |
| 03/10/03              | 15     | ND<50           | ND<5.0                   | ND<5.0        | ND<5.0  | ND<5.0  | ND<5.0  | --            |
| 06/09/03              | ND<5.0 | ND<50           | ND<0.50                  | ND<0.50       | ND<0.50 | ND<0.50 | ND<0.50 | --            |
| 09/08/03              | 7.3    | ND<25           | ND<0.50                  | ND<0.50       | ND<1.0  | ND<0.50 | ND<0.50 | --            |
| 12/24/03              | ND<100 | ND<500          | ND<2.0                   | ND<2.0        | ND<2.0  | ND<2.0  | ND<2.0  | --            |
| 03/31/04              | 5.5    | ND<50           | ND<0.50                  | ND<0.50       | ND<1.0  | ND<0.50 | ND<0.50 | --            |
| 06/24/04              | 5.7    | ND<50           | ND<0.50                  | ND<0.50       | ND<1.0  | ND<0.50 | ND<0.50 | --            |
| 09/23/04              | 6.2    | ND<50           | ND<0.50                  | ND<0.50       | ND<1.0  | ND<0.50 | ND<0.50 | --            |
| 12/28/04              | ND<5.0 | ND<50           | ND<0.50                  | ND<0.50       | ND<1.0  | ND<0.50 | ND<0.50 | --            |
| 02/24/05              | ND<5.0 | ND<50           | ND<0.50                  | ND<0.50       | ND<0.50 | ND<0.50 | ND<0.50 | --            |
| 04/12/05              | 5.0    | ND<50           | ND<0.50                  | ND<0.50       | ND<0.50 | ND<0.50 | ND<0.50 | --            |
| 08/17/05              | ND<5.0 | ND<50           | ND<0.50                  | ND<0.50       | ND<0.50 | ND<0.50 | ND<0.50 | --            |
| 11/09/05              | ND<10  | ND<250          | ND<0.50                  | ND<0.50       | ND<0.50 | ND<0.50 | ND<0.50 | --            |
| 02/01/06              | ND<10  | ND<250          | ND<0.50                  | ND<0.50       | ND<0.50 | ND<0.50 | ND<0.50 | --            |
| 04/24/06              | ND<10  | ND<250          | ND<0.50                  | ND<0.50       | ND<0.50 | ND<0.50 | ND<0.50 | --            |
| <b>MW-2</b>           |        |                 |                          |               |         |         |         |               |
| 09/15/99              | ND     | ND              | --                       | --            | ND      | ND      | ND      | --            |
| 09/14/00              | ND     | --              | --                       | --            | ND      | ND      | ND      | --            |



**Table 2 a**  
**ADDITIONAL HISTORIC ANALYTICAL RESULTS**  
**76 Station 7259**

| Date Sampled          | TBA     | Ethanol (8260B) | Ethylene-dibromide (EDB) | 1,2-DCA (EDC) | DIPE    | ETBE    | TAME    | TPH- Jet Fuel |
|-----------------------|---------|-----------------|--------------------------|---------------|---------|---------|---------|---------------|
|                       | (µg/l)  | (µg/l)          | (µg/l)                   | (µg/l)        | (µg/l)  | (µg/l)  | (µg/l)  | (µg/l)        |
| <b>MW-2 continued</b> |         |                 |                          |               |         |         |         |               |
| 12/04/00              | ND      | --              | --                       | --            | ND      | ND      | ND      | --            |
| 02/28/01              | ND      | ND              | ND                       | ND            | ND      | ND      | ND      | --            |
| 06/16/01              | ND      | ND              | ND                       | ND            | ND      | ND      | ND      | --            |
| 09/24/01              | ND<100  | ND<1000         | ND<2.0                   | ND<2.0        | ND<2.0  | ND<2.0  | ND<2.0  | --            |
| 12/10/01              | ND<20   | ND<500          | ND<1.0                   | ND<1.0        | ND<1.0  | ND<1.0  | ND<1.0  | --            |
| 06/24/04              | ND<5.0  | ND<50           | ND<0.50                  | ND<0.50       | ND<1.0  | ND<0.50 | ND<0.50 | --            |
| 11/09/05              | ND<10   | ND<250          | ND<0.50                  | ND<0.50       | ND<0.50 | ND<0.50 | ND<0.50 | --            |
| <b>MW-3</b>           |         |                 |                          |               |         |         |         |               |
| 09/14/00              | ND      | --              | --                       | --            | ND      | ND      | ND      | --            |
| 12/04/00              | ND      | --              | --                       | --            | ND      | ND      | ND      | --            |
| 02/28/01              | ND      | ND              | ND                       | ND            | ND      | ND      | ND      | --            |
| 06/16/01              | ND      | ND              | ND                       | ND            | ND      | ND      | ND      | --            |
| 12/10/01              | ND<500  | ND<12000        | ND<25                    | ND<25         | ND<25   | ND<25   | ND<25   | --            |
| 09/06/02              | ND<2000 | ND<4000         | ND<50                    | ND<50         | ND<50   | ND<50   | 61      | --            |
| 03/10/03              | ND<100  | ND<1000         | ND<10                    | ND<10         | ND<10   | ND<10   | ND<10   | --            |
| 06/09/03              | ND<250  | ND<2500         | ND<25                    | ND<25         | ND<25   | ND<25   | ND<25   | --            |
| <b>MW-4</b>           |         |                 |                          |               |         |         |         |               |
| 09/24/01              | ND<100  | ND<1000         | ND<2.0                   | ND<2.0        | ND<2.0  | ND<2.0  | ND<2.0  | --            |
| 12/10/01              | ND<20   | ND<500          | ND<1.0                   | ND<1.0        | ND<1.0  | ND<1.0  | ND<1.0  | --            |
| 09/06/02              | ND<20   | ND<40           | ND<0.50                  | ND<0.50       | ND<0.50 | ND<0.50 | ND<0.50 | --            |
| 06/24/04              | ND<5.0  | ND<50           | ND<0.50                  | ND<0.50       | ND<1.0  | ND<0.50 | ND<0.50 | --            |
| 11/09/05              | ND<10   | ND<250          | ND<0.50                  | ND<0.50       | ND<0.50 | ND<0.50 | ND<0.50 | --            |
| <b>MW-5</b>           |         |                 |                          |               |         |         |         |               |
| 09/24/01              | ND<100  | ND<1000         | ND<2.0                   | ND<2.0        | ND<2.0  | ND<2.0  | ND<2.0  | --            |
| 12/10/01              | ND<20   | ND<500          | ND<1.0                   | ND<1.0        | ND<1.0  | ND<1.0  | ND<1.0  | --            |

**Table 2 a**  
**ADDITIONAL HISTORIC ANALYTICAL RESULTS**  
**76 Station 7259**

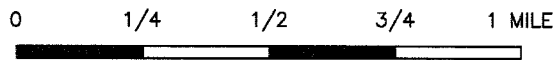
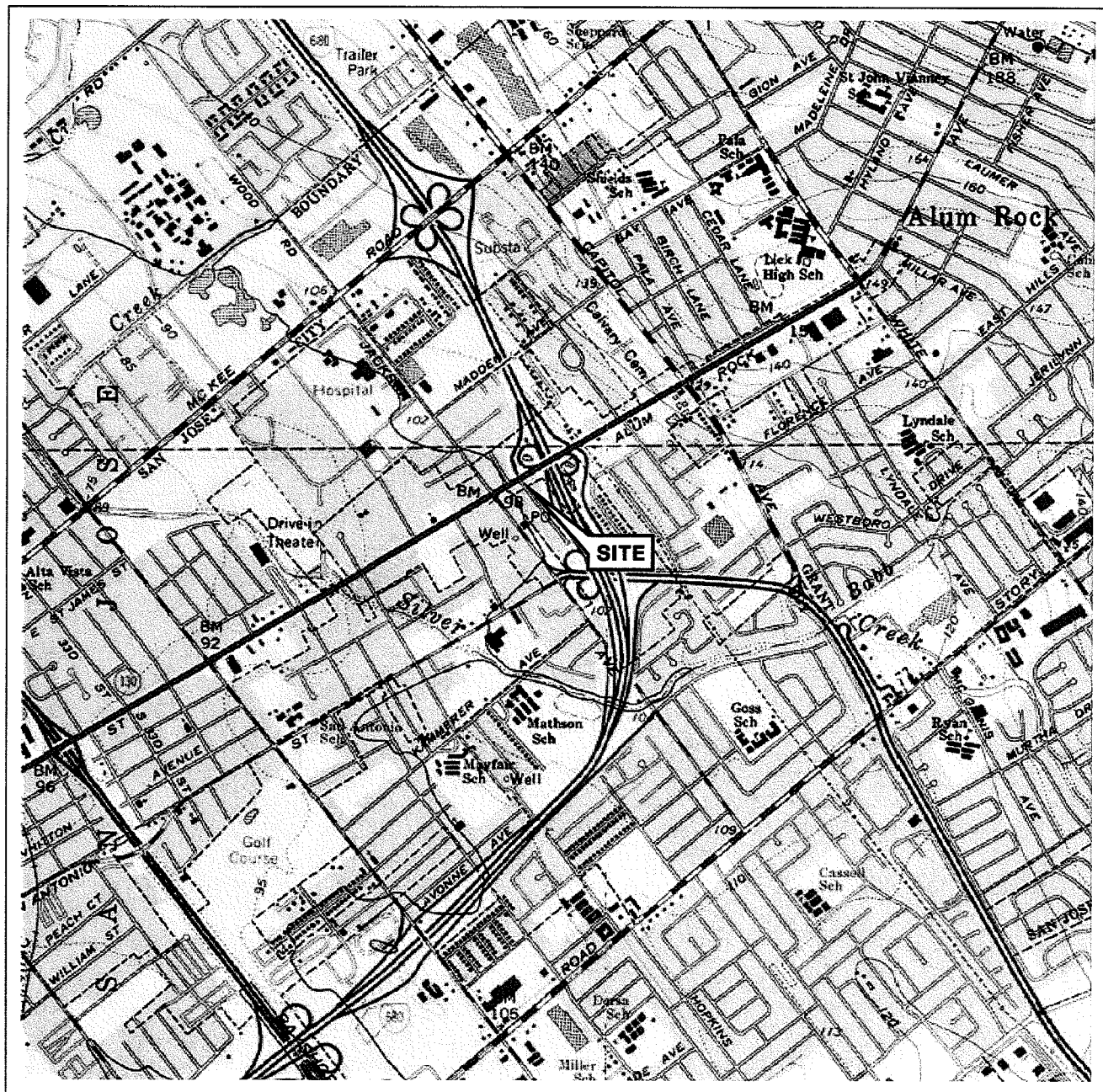
| Date Sampled          | TBA     | Ethanol (8260B) | Ethylene-dibromide (EDB) | 1,2-DCA (EDC) | DIPE    | ETBE    | TAME    | TPH- Jet Fuel |
|-----------------------|---------|-----------------|--------------------------|---------------|---------|---------|---------|---------------|
|                       | (µg/l)  | (µg/l)          | (µg/l)                   | (µg/l)        | (µg/l)  | (µg/l)  | (µg/l)  | (µg/l)        |
| <b>MW-5 continued</b> |         |                 |                          |               |         |         |         |               |
| 06/24/04              | ND<5.0  | ND<50           | ND<0.50                  | ND<0.50       | ND<1.0  | ND<0.50 | ND<0.50 | --            |
| 11/09/05              | ND<10   | ND<250          | ND<0.50                  | ND<0.50       | ND<0.50 | ND<0.50 | ND<0.50 | --            |
| <b>MW-6</b>           |         |                 |                          |               |         |         |         |               |
| 09/06/02              | ND<2000 | ND<4000         | ND<50                    | ND<50         | ND<50   | ND<50   | ND<50   | --            |
| 12/09/02              | ND<5.0  | ND<50           | ND<0.50                  | ND<0.50       | ND<0.50 | ND<0.50 | ND<0.50 | --            |
| 03/10/03              | ND<5.0  | ND<50           | ND<0.50                  | ND<0.50       | ND<0.50 | ND<0.50 | ND<0.50 | --            |
| 06/09/03              | ND<5.0  | ND<50           | ND<0.50                  | ND<0.50       | ND<0.50 | ND<0.50 | ND<0.50 | --            |
| 09/08/03              | ND<25   | ND<25           | ND<2.5                   | ND<2.5        | ND<5.0  | ND<2.5  | ND<2.5  | --            |
| 12/24/03              | ND<500  | ND<2500         | ND<10                    | ND<10         | ND<10   | ND<10   | ND<10   | --            |
| 03/31/04              | ND<25   | ND<250          | ND<2.5                   | ND<2.5        | ND<5.0  | ND<2.5  | ND<2.5  | --            |
| 06/24/04              | ND<25   | ND<250          | ND<2.5                   | ND<2.5        | ND<5.0  | ND<2.5  | ND<2.5  | --            |
| 09/23/04              | ND<100  | ND<1000         | ND<10                    | ND<10         | ND<20   | ND<10   | ND<10   | --            |
| 12/28/04              | ND<100  | ND<1000         | ND<10                    | ND<10         | ND<20   | ND<10   | ND<10   | --            |
| 02/24/05              | ND<20   | ND<200          | ND<2.0                   | ND<2.0        | ND<2.0  | ND<2.0  | ND<2.0  | --            |
| 04/12/05              | ND<25   | ND<250          | ND<2.5                   | ND<2.5        | ND<2.5  | ND<2.5  | ND<2.5  | --            |
| 08/17/05              | ND<25   | ND<250          | ND<2.5                   | ND<2.5        | ND<2.5  | ND<2.5  | ND<2.5  | --            |
| 11/09/05              | ND<20   | ND<500          | ND<1.0                   | ND<1.0        | ND<1.0  | ND<1.0  | ND<1.0  | --            |
| 02/01/06              | ND<10   | ND<250          | ND<0.50                  | ND<0.50       | ND<0.50 | ND<0.50 | ND<0.50 | --            |
| 04/24/06              | ND<10   | ND<250          | ND<0.50                  | ND<0.50       | ND<0.50 | ND<0.50 | ND<0.50 | --            |
| <b>MW-7</b>           |         |                 |                          |               |         |         |         |               |
| 09/06/02              | ND<20   | ND<50           | ND<0.50                  | ND<0.50       | ND<0.50 | ND<0.50 | ND<0.50 | --            |
| 12/09/02              | ND<5.0  | ND<50           | ND<0.50                  | ND<0.50       | ND<0.50 | ND<0.50 | ND<0.50 | --            |
| 03/10/03              | ND<5.0  | ND<50           | ND<0.50                  | ND<0.50       | ND<0.50 | ND<0.50 | ND<0.50 | --            |
| 06/09/03              | ND<5.0  | ND<50           | ND<0.50                  | ND<0.50       | ND<0.50 | ND<0.50 | ND<0.50 | --            |
| 09/08/03              | ND<5.0  | ND<25           | ND<0.50                  | ND<0.50       | ND<1.0  | ND<0.50 | ND<0.50 | --            |
| 12/24/03              | ND<100  | ND<500          | ND<2.0                   | ND<2.0        | ND<2.0  | ND<2.0  | ND<2.0  | --            |

**Table 2 a**  
**ADDITIONAL HISTORIC ANALYTICAL RESULTS**  
**76 Station 7259**

| Date Sampled          | TBA    | Ethanol (8260B) | Ethylene-dibromide (EDB) | 1,2-DCA (EDC) | DIPE    | ETBE    | TAME    | TPH- Jet Fuel |
|-----------------------|--------|-----------------|--------------------------|---------------|---------|---------|---------|---------------|
|                       | (µg/l) | (µg/l)          | (µg/l)                   | (µg/l)        | (µg/l)  | (µg/l)  | (µg/l)  | (µg/l)        |
| <b>MW-7 continued</b> |        |                 |                          |               |         |         |         |               |
| 03/31/04              | ND<5.0 | ND<50           | ND<0.50                  | ND<0.50       | ND<1.0  | ND<0.50 | ND<0.50 | --            |
| 06/24/04              | ND<5.0 | ND<50           | ND<0.50                  | ND<0.50       | ND<1.0  | ND<0.50 | ND<0.50 | --            |
| 09/23/04              | ND<5.0 | ND<50           | ND<0.50                  | ND<0.50       | ND<1.0  | ND<0.50 | ND<0.50 | --            |
| 12/28/04              | ND<5.0 | ND<50           | ND<0.50                  | ND<0.50       | ND<1.0  | ND<0.50 | ND<0.50 | --            |
| 02/24/05              | ND<5.0 | ND<50           | ND<0.50                  | ND<0.50       | ND<0.50 | ND<0.50 | ND<0.50 | --            |
| 04/12/05              | ND<5.0 | ND<50           | ND<0.50                  | ND<0.50       | ND<0.50 | ND<0.50 | ND<0.50 | --            |
| 08/17/05              | ND<5.0 | ND<50           | ND<0.50                  | ND<0.50       | ND<0.50 | ND<0.50 | ND<0.50 | --            |
| 11/09/05              | ND<10  | ND<250          | ND<0.50                  | ND<0.50       | ND<0.50 | ND<0.50 | ND<0.50 | --            |
| 02/01/06              | ND<10  | ND<250          | ND<0.50                  | ND<0.50       | ND<0.50 | ND<0.50 | ND<0.50 | --            |
| 04/24/06              | ND<10  | ND<250          | ND<0.50                  | ND<0.50       | ND<0.50 | ND<0.50 | ND<0.50 | --            |

# FIGURES

PS = 1:1 L:\VICINITY MAPS\7259vm.dwg May 16, 2006 - 5:06pm lwinters



SCALE 1:24,000



SOURCE:

United States Geological Survey  
7.5 Minute Topographic Map:  
San Jose East Quadrangle

**TRC**

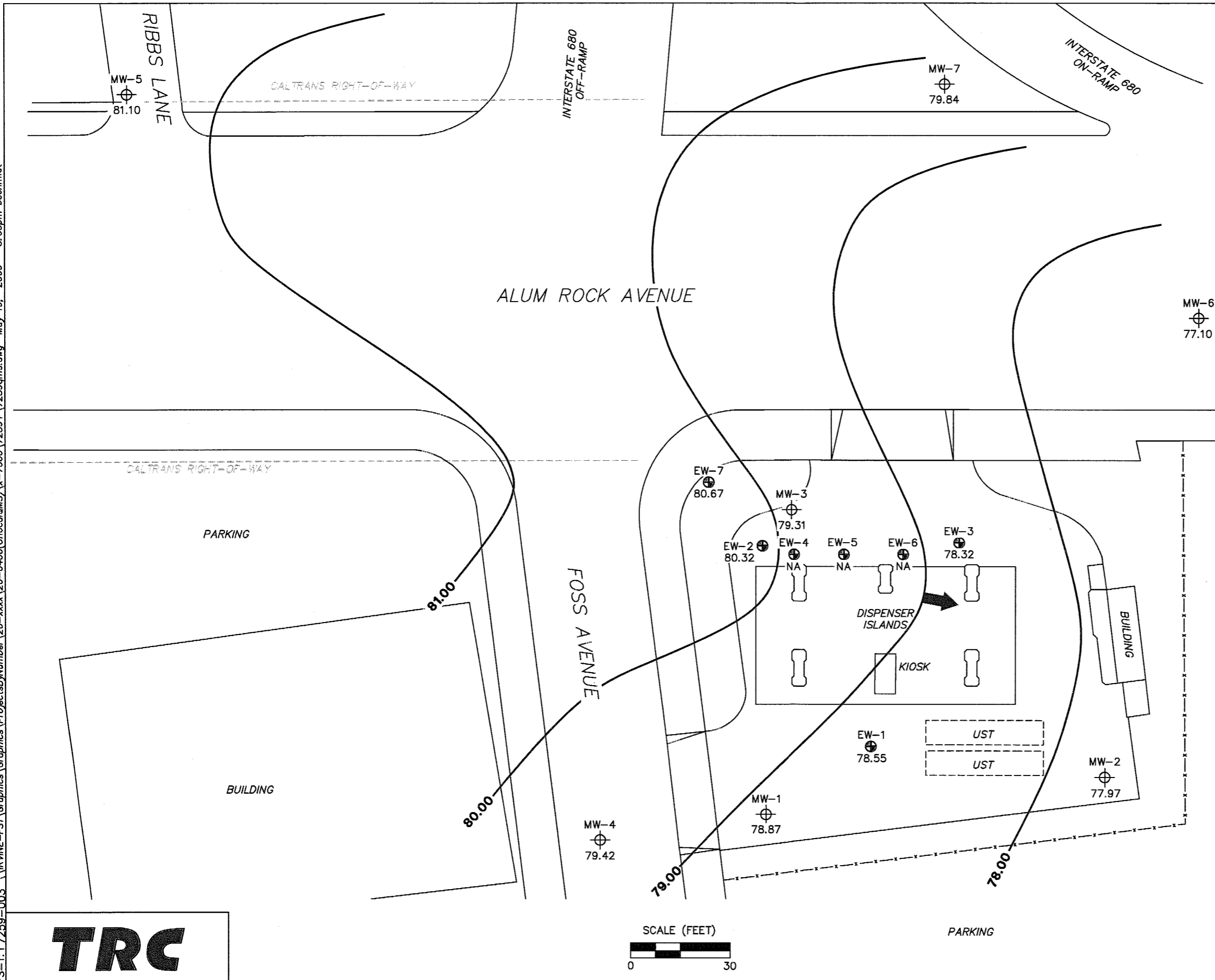


**VICINITY MAP**

76 Station 7259  
2370 Alum Rock Avenue  
San Jose, California

**FIGURE 1**

PS=1:1 7259-003 \\RVME-FS1\Graphics\Projects\Number\20-xxxx\20-0400(UnocalQMS)\x-7000\7259+ \7259qms.dwg May 19, 2006 - 3:03pm bschmidt



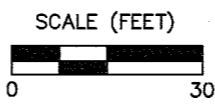
**LEGEND**

- MW-7 Monitoring Well with Groundwater Elevation (feet)
- EW-7 Recovery Well with Groundwater Elevation (feet)
- 81.00 Groundwater Elevation Contour
- General Direction of Groundwater Flow

**NOTES:**  
 Contour lines are interpretive and based on fluid levels measured in monitoring wells. Elevations are in feet above mean sea level. NA = not analyzed, measured, or collected. UST = underground storage tank.

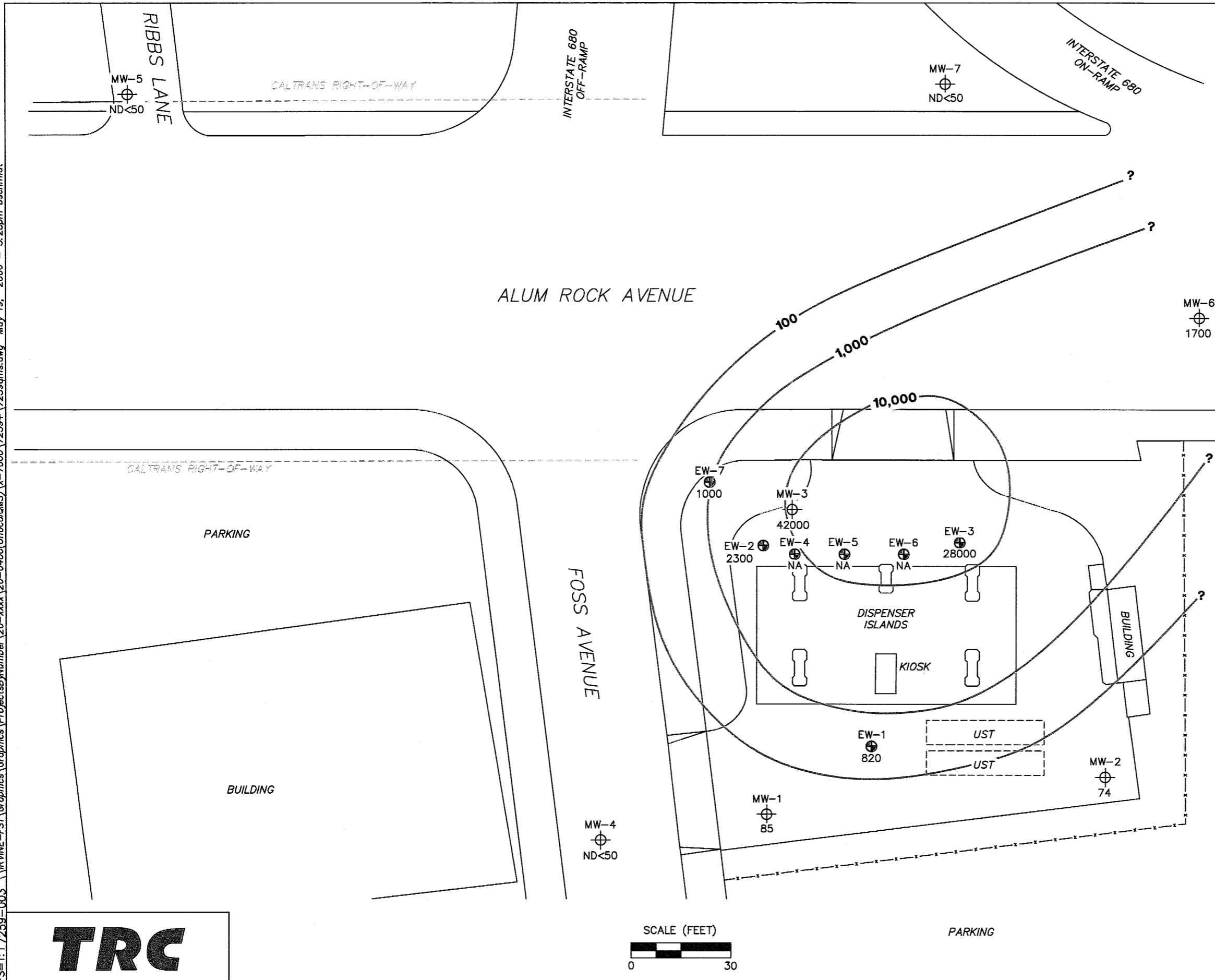
**GROUNDWATER ELEVATION  
 CONTOUR MAP  
 April 24, 2006**

76 Station 7259  
 2370 Alum Rock Avenue  
 San Jose, California



**FIGURE 2**

PS=1:1 7259-003 \\RYMNE-FS1\Graphics\Projects\Number\20-xxxx\20-0400(UnocalQMS)\x-7000\7259+ \7259qms.dwg May 19, 2006 - 3:28pm bschmidt



**LEGEND**

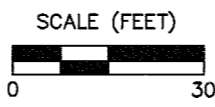
- MW-7 ⊕ Monitoring Well with Dissolved-Phase TPH-G (GC/MS) Concentration (µg/l)
- EW-7 ⊕ Recovery Well with Dissolved-Phase TPH-G (GC/MS) Concentration (µg/l)
- 10,000- Dissolved-Phase TPH-G (GC/MS) Contour (µg/l)

**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. µg/l = micrograms per liter. ND = not detected at limit indicated on official laboratory report. NA = not analyzed, measured or collected. UST = underground storage tank.

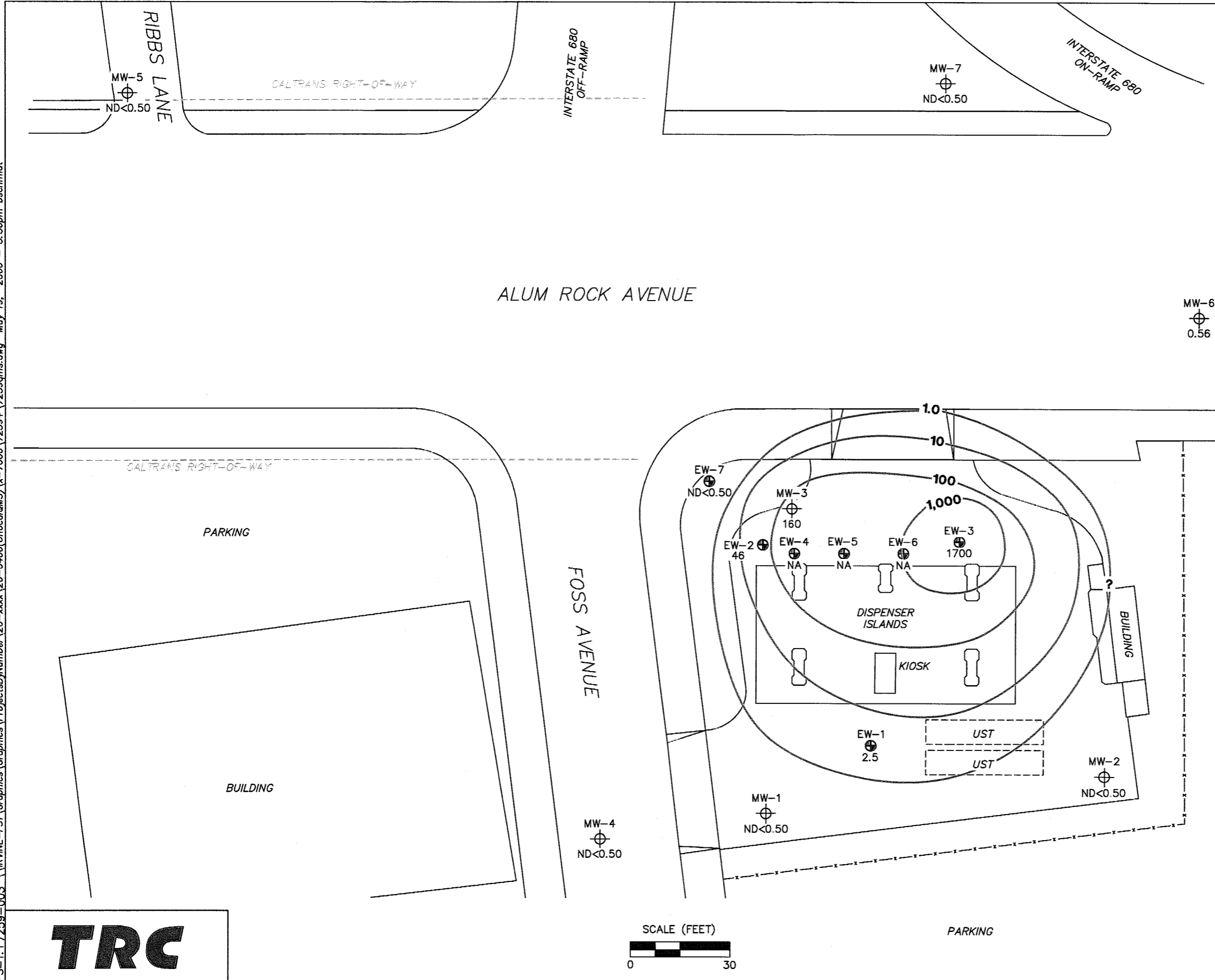
**DISSOLVED-PHASE  
TPH-G (GC/MS)  
CONCENTRATION MAP  
April 24, 2006**

76 Station 7259  
2370 Alum Rock Avenue  
San Jose, California



**FIGURE 3**

PS=1:1.7259-003 \\IRVINE-FS1\Graphics\Graphics\Projects\Number\20-xxxx\20-0400(UnocalGMS)\x-7000\7259+ \7259gms.dwg May 19, 2006 - 3:36pm bschmidt



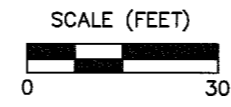
**LEGEND**

- MW-7 ⊕ Monitoring Well with Dissolved-Phase Benzene Concentration (µg/l)
- EW-7 ⊕ Recovery Well with Dissolved-Phase Benzene Concentration (µg/l)
- 1,000- Dissolved-Phase Benzene Contour (µg/l)

**NOTES:**  
 Contour lines are interpretive and based on laboratory analysis results of groundwater samples.  
 µg/l = micrograms per liter. ND = not detected at limit indicated on official laboratory report.  
 NA = not analyzed, measured or collected.  
 UST = underground storage tank.

**DISSOLVED-PHASE BENZENE CONCENTRATION MAP**  
 April 24, 2006

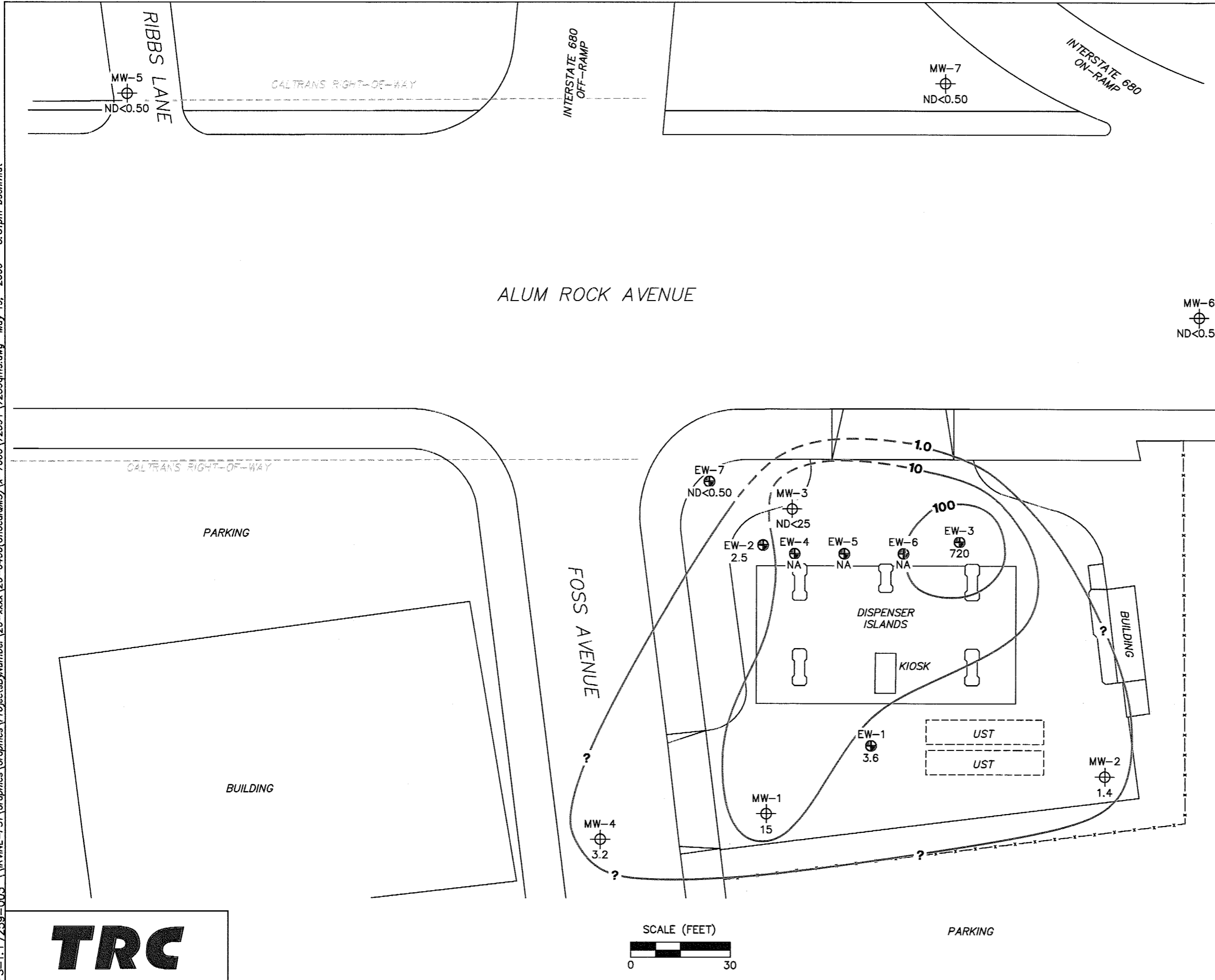
76 Station 7259  
 2370 Alum Rock Avenue  
 San Jose, California



**FIGURE 4**



PS=1:1.7259-003 \IRVINE-FS1\Graphics\Projects\Number\20-xxxx\20-0400(UnocalGMS)\x-7000\7259+ \7259qms.dwg May 19, 2006 - 3:51pm bschmidt



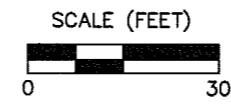
**LEGEND**

- MW-7 ⊕ Monitoring Well with Dissolved-Phase MTBE Concentration (µg/l)
- EW-7 ⊕ Recovery Well with Dissolved-Phase MTBE Concentration (µg/l)
- 100- Dissolved-Phase MTBE Contour (µg/l)

**NOTES:**  
 Contour lines are interpretive and based on laboratory analysis results of groundwater samples. MTBE = methyl tertiary butyl ether. µg/l = micrograms per liter. ND = not detected at limit indicated on official laboratory report. NA = not analyzed, measured or collected. Dashes indicate contour based on non-detect at elevated detection limit. UST = underground storage tank. Results obtained using EPA Method 8260B.

**DISSOLVED-PHASE MTBE CONCENTRATION MAP**  
 April 24, 2006

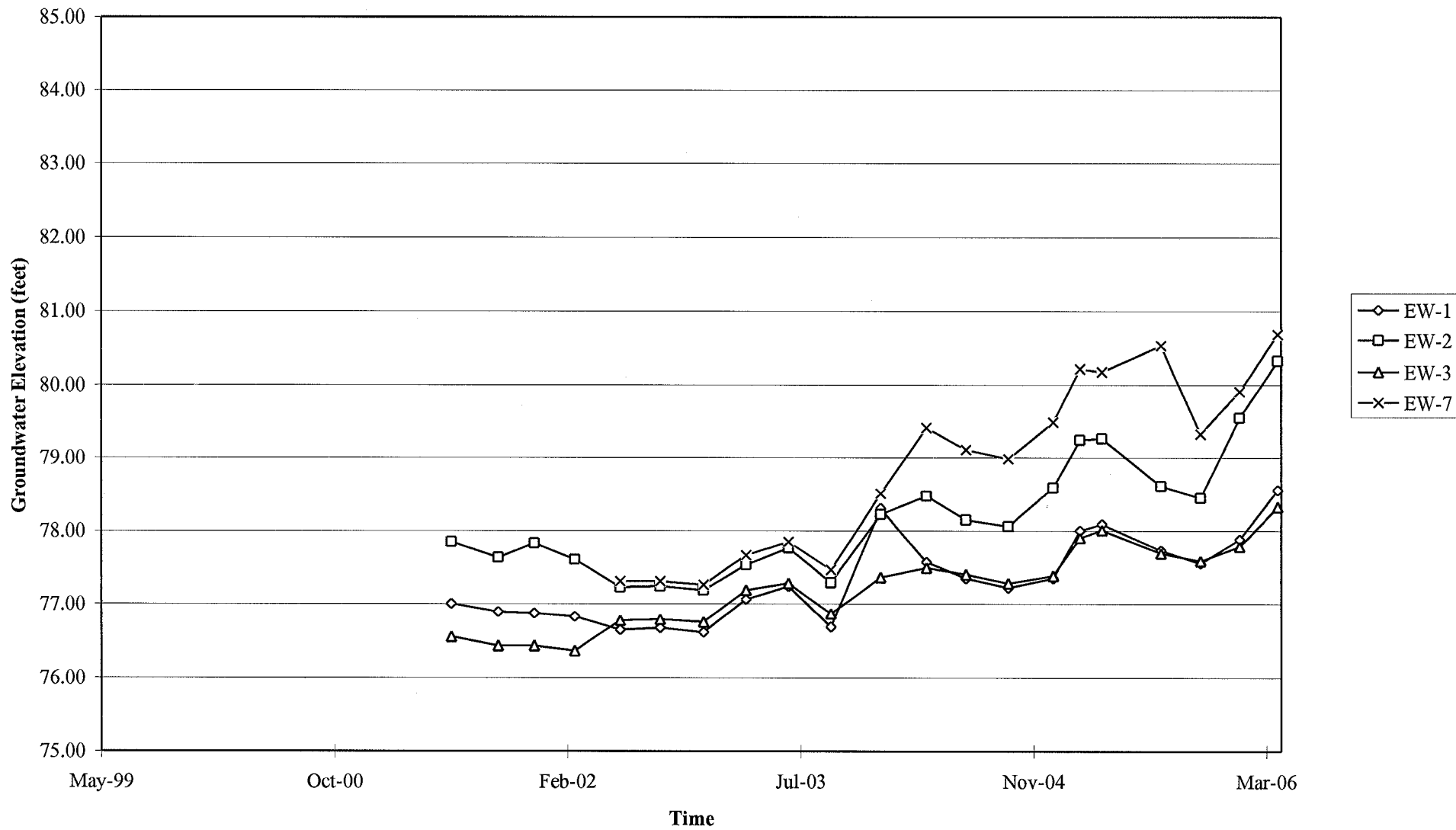
76 Station 7259  
 2370 Alum Rock Avenue  
 San Jose, California



**FIGURE 5**

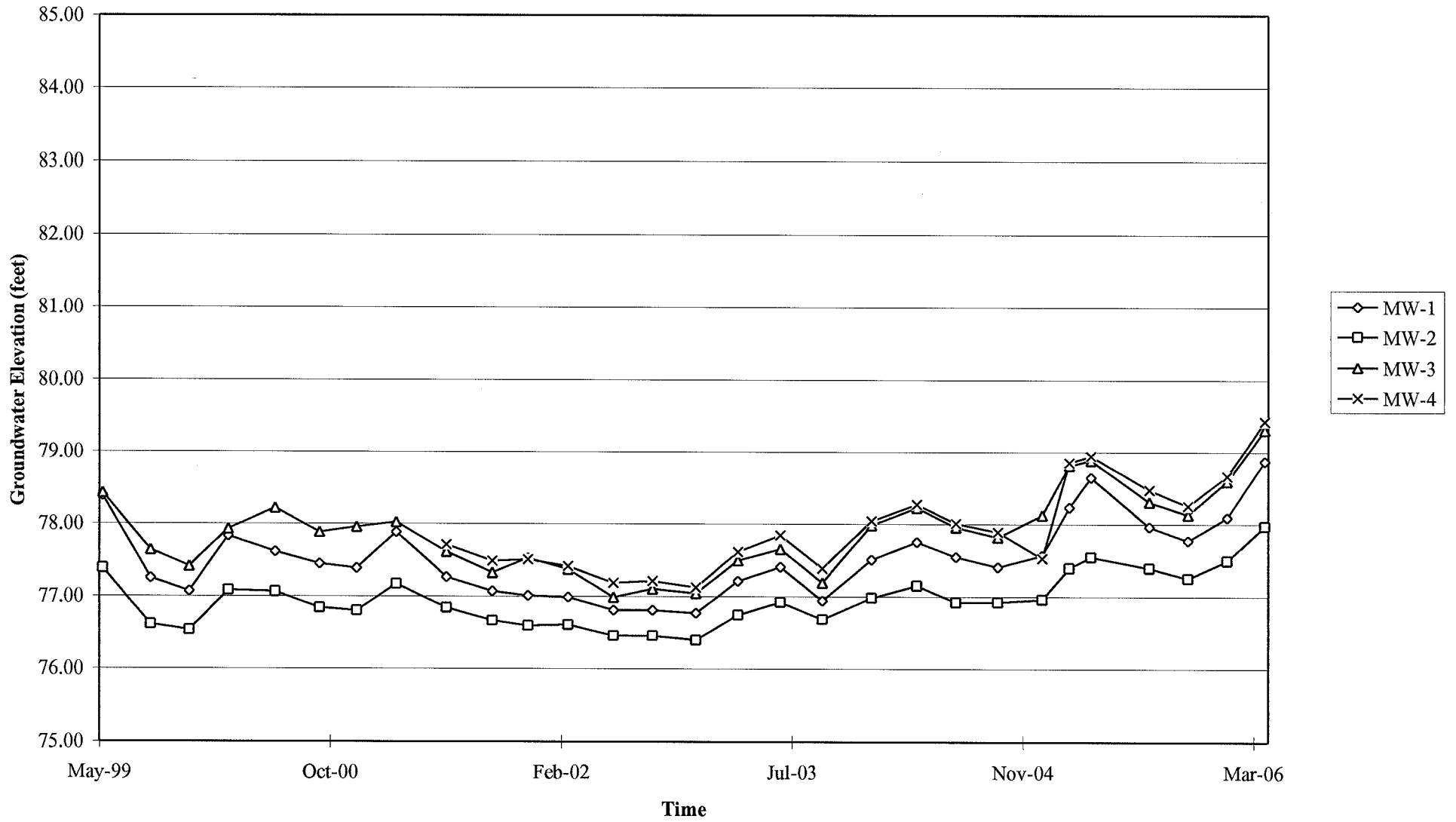
# GRAPHS

Groundwater Elevations vs. Time  
76 Station 7259



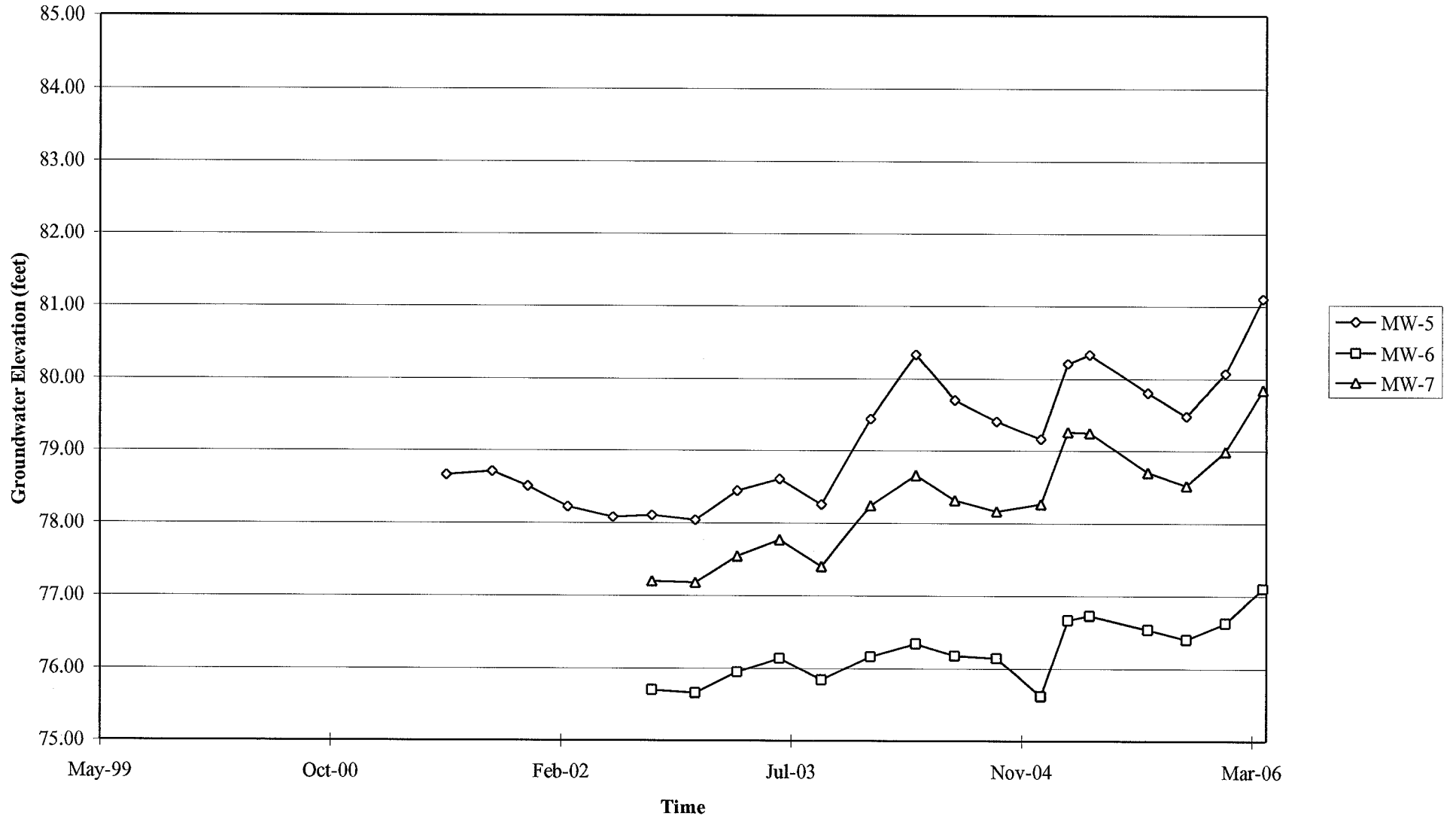
Elevations may have been corrected for apparent changes due to resurvey

Groundwater Elevations vs. Time  
76 Station 7259



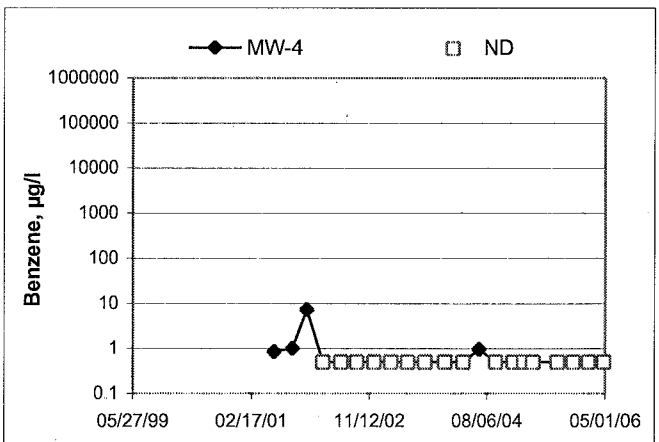
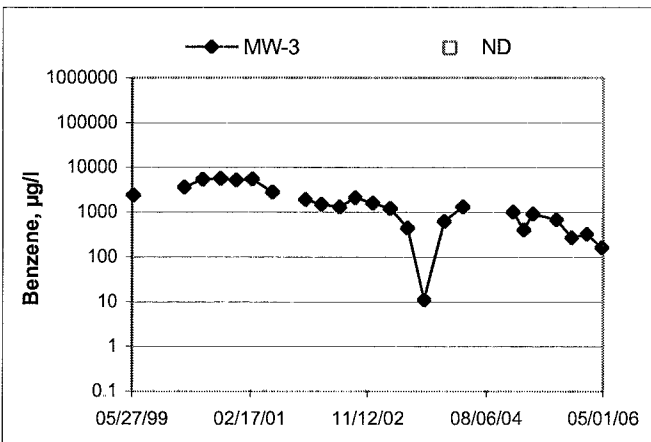
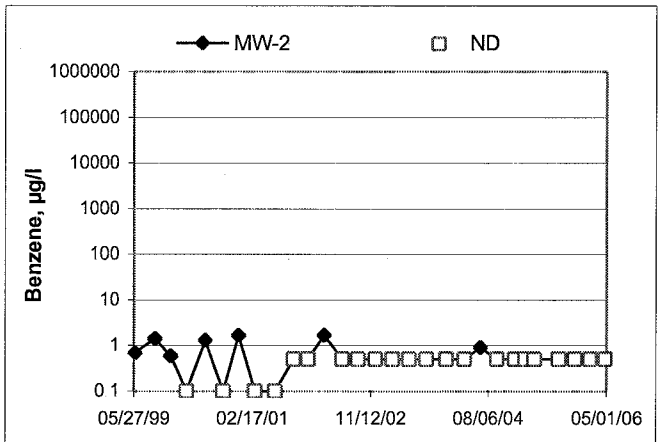
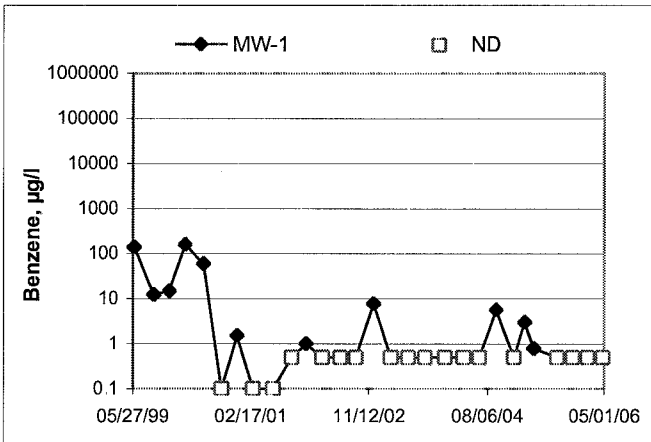
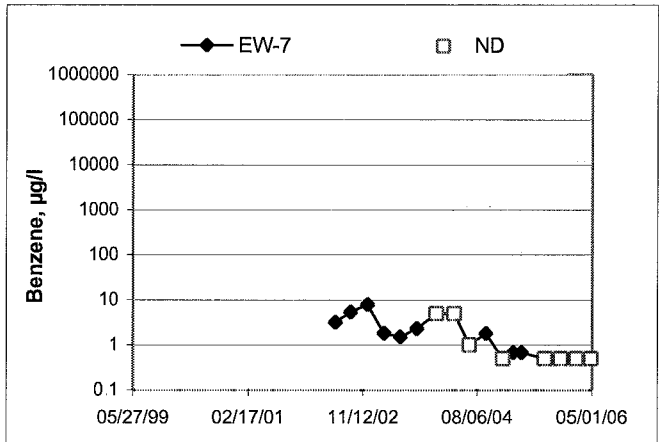
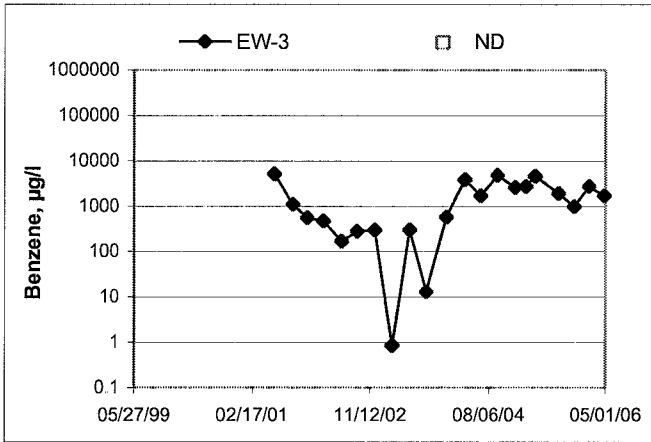
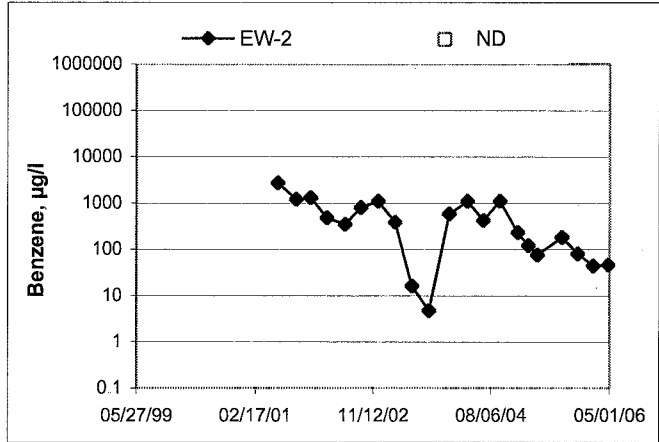
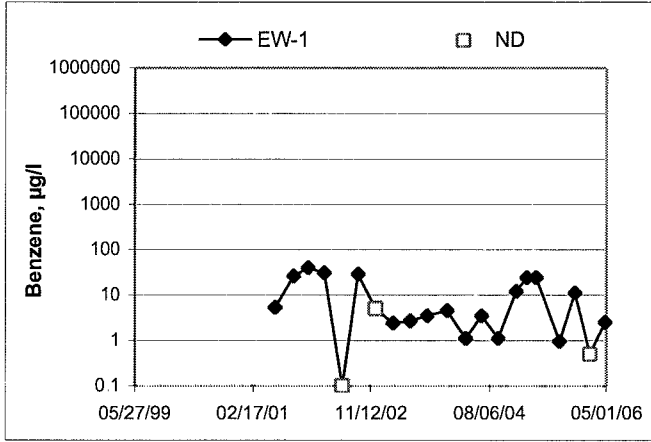
Elevations may have been corrected for apparent changes due to resurvey

Groundwater Elevations vs. Time  
76 Station 7259

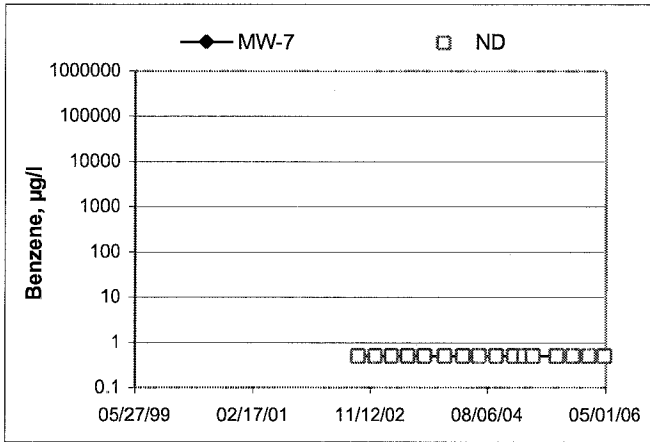
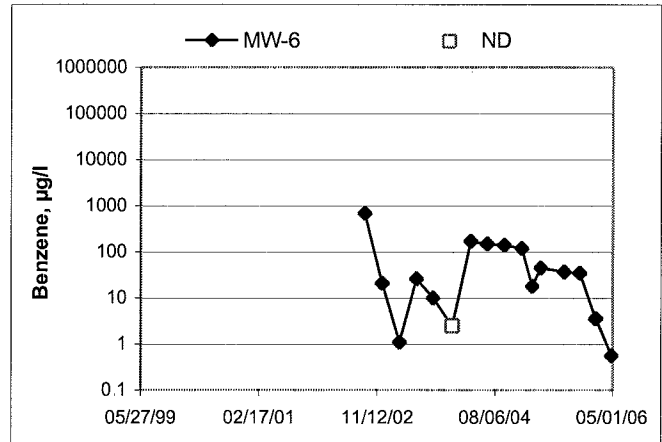
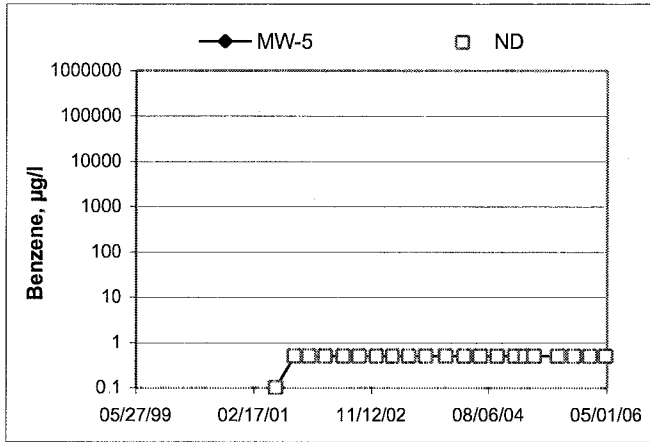


Elevations may have been corrected for apparent changes due to resurvey

**Benzene Concentrations vs Time**  
76 Station 7259



### Benzene Concentrations vs Time 76 Station 7259



# 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 are 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 to a particular wells, 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: JOE

Site: 7259

Project No.: 41050001

Date: 04-24-06

Well No.: MW-7

Purge Method: DIA HB

Depth to Water (feet): 20.73

Depth to Product (feet): —

Total Depth (feet): 33.95

LPH & Water Recovered (gallons): —

Water Column (feet): 13.22

Casing Diameter (Inches): 2"

80% Recharge Depth (feet): 23.37

1 Well Volume (gallons): 2

| Time Start             | Time Stop | Depth To Water (feet) | Volume Purged (gallons) | Conductivity (uS/cm) | Temperature (F. C) | pH           | Turbidity | D.O. |
|------------------------|-----------|-----------------------|-------------------------|----------------------|--------------------|--------------|-----------|------|
| 0850                   |           |                       | 2                       | 2.51ms               | 20.4               | 7.11         |           |      |
| 0                      |           |                       | 4                       | 2.51ms               | 20.1               | 7.03         |           |      |
|                        | 0907      |                       | 6                       | 2.53ms               | 20.4               | 7.02         |           |      |
| Static at Time Sampled |           |                       | Total Gallons Purged    |                      |                    | Time Sampled |           |      |
| 20.77                  |           |                       | 6                       |                      |                    | 0911         |           |      |
| Comments:              |           |                       |                         |                      |                    |              |           |      |

Well No.: MW-5

Purge Method: DIA

Depth to Water (feet): 18.25

Depth to Product (feet): —

Total Depth (feet): 34.53

LPH & Water Recovered (gallons): —

Water Column (feet): 16.28

Casing Diameter (Inches): 2"

80% Recharge Depth (feet): 21.50

1 Well Volume (gallons): 3

| Time Start             | Time Stop | Depth To Water (feet) | Volume Purged (gallons) | Conductivity (uS/cm) | Temperature (F. C) | pH           | Turbidity | D.O. |
|------------------------|-----------|-----------------------|-------------------------|----------------------|--------------------|--------------|-----------|------|
| 0924                   |           |                       | 3                       | 1485                 | 20.6               | 6.94         |           |      |
|                        |           |                       | 6                       | 1540                 | 21.0               | 6.94         |           |      |
|                        | 0927      |                       | 9                       | 1546                 | 21.0               | 6.94         |           |      |
| Static at Time Sampled |           |                       | Total Gallons Purged    |                      |                    | Time Sampled |           |      |
| 18.69                  |           |                       | 9                       |                      |                    | 0933         |           |      |
| Comments:              |           |                       |                         |                      |                    |              |           |      |

### GROUNDWATER SAMPLING FIELD NOTES

Technician: JOE

Site: 7259

Project No.: 41050001

Date: 04-24-06

Well No.: MW-6

Purge Method: ~~DPA~~ H.B.

Depth to Water (feet): 24.16

Depth to Product (feet): —

Total Depth (feet): 33.12

LPH & Water Recovered (gallons): —

Water Column (feet): 8.96

Casing Diameter (Inches): 2"

80% Recharge Depth (feet): 25.95

1 Well Volume (gallons): 1

| Time Start             | Time Stop | Depth To Water (feet) | Volume Purged (gallons) | Conductivity (uS/cm) | Temperature (F/C) | pH           | Turbidity | D.O. |
|------------------------|-----------|-----------------------|-------------------------|----------------------|-------------------|--------------|-----------|------|
| 0958                   |           |                       | 1                       | 1578                 | 20.6              | 7.12         |           |      |
|                        |           |                       | 2                       | 1621                 | 20.8              | 7.06         |           |      |
|                        | 1006      |                       | 3                       | 1629                 | 20.7              | 7.05         |           |      |
| Static at Time Sampled |           |                       | Total Gallons Purged    |                      |                   | Time Sampled |           |      |
| 24.21                  |           |                       | 3                       |                      |                   | 1015         |           |      |
| Comments:              |           |                       |                         |                      |                   |              |           |      |
|                        |           |                       |                         |                      |                   |              |           |      |

Well No.: EW-2

Purge Method: ~~DPA~~ <sup>DPA</sup> H.B.

Depth to Water (feet): 19.48

Depth to Product (feet): —

Total Depth (feet): 34.28

LPH & Water Recovered (gallons): —

Water Column (feet): 14.8

Casing Diameter (Inches): 4"

80% Recharge Depth (feet): 22.44

1 Well Volume (gallons): 10

| Time Start             | Time Stop | Depth To Water (feet) | Volume Purged (gallons) | Conductivity (uS/cm) | Temperature (F/C) | pH           | Turbidity | D.O. |
|------------------------|-----------|-----------------------|-------------------------|----------------------|-------------------|--------------|-----------|------|
| 1032                   |           |                       | 10                      | 979                  | 20.1              | 7.32         |           |      |
|                        |           |                       | 20                      | 1091                 | 20.6              | 7.45         |           |      |
|                        | 1049      |                       | 30                      | 1111                 | 20.6              | 7.44         |           |      |
| Static at Time Sampled |           |                       | Total Gallons Purged    |                      |                   | Time Sampled |           |      |
| 22.25                  |           |                       | 30                      |                      |                   | 1053         |           |      |
| Comments:              |           |                       |                         |                      |                   |              |           |      |
|                        |           |                       |                         |                      |                   |              |           |      |

**GROUNDWATER SAMPLING FIELD NOTES**

Technician: JOE

Site: 7259

Project No.: 41050001

Date: 09-29-06

Well No.: EW-7

Purge Method: DIA

Depth to Water (feet): 19.75

Depth to Product (feet): —

Total Depth (feet): 34.42

LPH & Water Recovered (gallons): —

Water Column (feet): 14.67

Casing Diameter (Inches): 4"

80% Recharge Depth (feet): 22.68

1 Well Volume (gallons): 10

| Time Start             | Time Stop | Depth To Water (feet) | Volume Purged (gallons) | Conductivity (uS/cm) | Temperature (F) (C) | pH   | Turbidity | D.O. |
|------------------------|-----------|-----------------------|-------------------------|----------------------|---------------------|------|-----------|------|
| 1107                   |           |                       | 10                      | 777                  | 19.7                | 7.42 |           |      |
|                        |           |                       | 20                      | 1017                 | 19.7                | 7.30 |           |      |
|                        | 1117      |                       | 30                      | 1184                 | 19.9                | 7.26 |           |      |
| Static at Time Sampled |           |                       | Total Gallons Purged    |                      | Time Sampled        |      |           |      |
| 22.85                  |           |                       | 30                      |                      | 1122                |      |           |      |

Comments: \_\_\_\_\_

Well No.: MW-2

Purge Method: DIA

Depth to Water (feet): 22.85

Depth to Product (feet): —

Total Depth (feet): 34.07

LPH & Water Recovered (gallons): —

Water Column (feet): 11.22

Casing Diameter (Inches): 2"

80% Recharge Depth (feet): 25.04

1 Well Volume (gallons): 2

| Time Start                | Time Stop | Depth To Water (feet) | Volume Purged (gallons) | Conductivity (uS/cm) | Temperature (F) (C) | pH   | Turbidity | D.O. |
|---------------------------|-----------|-----------------------|-------------------------|----------------------|---------------------|------|-----------|------|
| 1136                      |           |                       | 2                       | 3.54ms               | 19.5                | 7.58 |           |      |
| <del>1107</del>           |           |                       | 4                       | 3.44ms               | 19.5                | 7.87 |           |      |
|                           | 1141      |                       | 6                       | 3.35ms               | 19.9                | 7.35 |           |      |
| Static at Time Sampled    |           |                       | Total Gallons Purged    |                      | Time Sampled        |      |           |      |
| <del>22.85</del><br>23.06 |           |                       | 6                       |                      | 1147                |      |           |      |

Comments: \_\_\_\_\_

**GROUNDWATER SAMPLING FIELD NOTES**

Technician: JOE

Site: 7259

Project No.: 41050001

Date: 04-29-06

Well No.: MW-1

Purge Method: DIA

Depth to Water (feet): 20.32

Depth to Product (feet): —

Total Depth (feet): 33.47

LPH & Water Recovered (gallons): —

Water Column (feet): 13.15

Casing Diameter (Inches): 2"

80% Recharge Depth (feet): 22.95

1 Well Volume (gallons): 2

| Time Start             | Time Stop | Depth To Water (feet) | Volume Purged (gallons) | Conductivity (uS/cm) | Temperature (F °C) | pH   | Turbidity | D.O. |
|------------------------|-----------|-----------------------|-------------------------|----------------------|--------------------|------|-----------|------|
| 1159                   |           |                       | 2                       | 1538                 | 19.6               | 7.19 |           |      |
|                        |           |                       | 4                       | 1792                 | 20.2               | 7.16 |           |      |
|                        | 1203      |                       | 6                       | 1836                 | 20.2               | 7.16 |           |      |
| Static at Time Sampled |           |                       | Total Gallons Purged    |                      | Time Sampled       |      |           |      |
| 20.46                  |           |                       | 6                       |                      | 1207               |      |           |      |
| Comments:              |           |                       |                         |                      |                    |      |           |      |

Well No.: MW-3

Purge Method: ~~DIA~~ DIA HB

Depth to Water (feet): 20.30

Depth to Product (feet): —

Total Depth (feet): 34.79

LPH & Water Recovered (gallons): —

Water Column (feet): 14.49

Casing Diameter (Inches): 2"

80% Recharge Depth (feet): 23.19

1 Well Volume (gallons): 2

| Time Start             | Time Stop | Depth To Water (feet) | Volume Purged (gallons) | Conductivity (uS/cm) | Temperature (F °C) | pH   | Turbidity | D.O. |
|------------------------|-----------|-----------------------|-------------------------|----------------------|--------------------|------|-----------|------|
| 1220                   |           |                       | 2                       | 1117                 | 19.7               | 7.65 |           |      |
|                        |           |                       | 4                       | 1103                 | 19.8               | 7.44 |           |      |
|                        | 1227      |                       | 6                       | 1164                 | 20.1               | 7.40 |           |      |
| Static at Time Sampled |           |                       | Total Gallons Purged    |                      | Time Sampled       |      |           |      |
| 21.75                  |           |                       | 6                       |                      | 1233               |      |           |      |
| Comments:              |           |                       |                         |                      |                    |      |           |      |

**GROUNDWATER SAMPLING FIELD NOTES**

Technician: JOE

Site: 7259

Project No.: 41050001

Date: 04-24-06

Well No.: Ew-1

Purge Method: DIA

Depth to Water (feet): 21.70

Depth to Product (feet): —

Total Depth (feet): 34.95

LPH & Water Recovered (gallons): —

Water Column (feet): ~~13.24~~ 13.25

Casing Diameter (Inches): 4"

80% Recharge Depth (feet): 24.35

1 Well Volume (gallons): 9

| Time Start             | Time Stop | Depth To Water (feet) | Volume Purged (gallons) | Conductivity (uS/cm) | Temperature (F. C) | pH   | Turbidity | D.O. |
|------------------------|-----------|-----------------------|-------------------------|----------------------|--------------------|------|-----------|------|
| 1246                   |           |                       | 9                       | 1501                 | 20.5               | 7.18 |           |      |
|                        |           |                       | 18                      | 1890                 | 20.9               | 7.06 |           |      |
|                        | 1306      |                       | 27                      | 2.79ms               | 21.2               | 7.59 |           |      |
| Static at Time Sampled |           |                       | Total Gallons Purged    |                      | Time Sampled       |      |           |      |
| 22.75                  |           |                       | 27                      |                      | 1311               |      |           |      |
| Comments:              |           |                       |                         |                      |                    |      |           |      |

Well No.: MW-4

Purge Method: ~~DIA~~ HB

Depth to Water (feet): 19.74

Depth to Product (feet): —

Total Depth (feet): 34.83

LPH & Water Recovered (gallons): —

Water Column (feet): 15.09

Casing Diameter (Inches): 2"

80% Recharge Depth (feet): 22.75

1 Well Volume (gallons): 2

| Time Start             | Time Stop | Depth To Water (feet) | Volume Purged (gallons) | Conductivity (uS/cm) | Temperature (F. C) | pH   | Turbidity | D.O. |
|------------------------|-----------|-----------------------|-------------------------|----------------------|--------------------|------|-----------|------|
| 121325                 |           |                       | 2                       | 1224                 | 21.1               | 7.16 |           |      |
|                        |           |                       | 4                       | 1470                 | 20.8               | 7.08 |           |      |
|                        | 1346      |                       | 6                       | 1530                 | 20.9               | 7.08 |           |      |
| Static at Time Sampled |           | Total Gallons Purged  |                         |                      | Time Sampled       |      |           |      |
| 20.04                  |           | 6                     |                         |                      | 1349               |      |           |      |
| Comments:              |           |                       |                         |                      |                    |      |           |      |

**GROUNDWATER SAMPLING FIELD NOTES**

Technician: JOE

Site: 79E 7259

Project No.: 41050001

Date: 09-29-06

Well No.: EW-3

Purge Method: DIA

Depth to Water (feet): 22.41

Depth to Product (feet): —

Total Depth (feet): 34.41

LPH & Water Recovered (gallons): —

Water Column (feet): 12.

Casing Diameter (Inches): 4"

80% Recharge Depth (feet): 24.81

1 Well Volume (gallons): 8

| Time Start             | Time Stop | Depth To Water (feet) | Volume Purged (gallons) | Conductivity (uS/cm) | Temperature (F, C) | pH   | Turbidity | D.O. |
|------------------------|-----------|-----------------------|-------------------------|----------------------|--------------------|------|-----------|------|
| 1412                   |           |                       | 8                       | 1241                 | 21.3               | 7.85 |           |      |
|                        |           |                       | 16                      | 1221                 | 21.1               | 7.42 |           |      |
|                        | 1432      |                       | 24                      | 1260                 | 21.3               | 7.63 |           |      |
| Static at Time Sampled |           | Total Gallons Purged  |                         | Time Sampled         |                    |      |           |      |
| 22.65                  |           | 24                    |                         | 1437                 |                    |      |           |      |
| Comments:              |           |                       |                         |                      |                    |      |           |      |
|                        |           |                       |                         |                      |                    |      |           |      |

Well No.: \_\_\_\_\_

Purge Method: \_\_\_\_\_

Depth to Water (feet): \_\_\_\_\_

Depth to Product (feet): \_\_\_\_\_

Total Depth (feet): \_\_\_\_\_

LPH & Water Recovered (gallons): \_\_\_\_\_

Water Column (feet): \_\_\_\_\_

Casing Diameter (Inches): \_\_\_\_\_

80% Recharge Depth (feet): \_\_\_\_\_

1 Well Volume (gallons): \_\_\_\_\_

| Time Start             | Time Stop | Depth To Water (feet) | Volume Purged (gallons) | Conductivity (uS/cm) | Temperature (F, C) | pH | Turbidity | D.O. |
|------------------------|-----------|-----------------------|-------------------------|----------------------|--------------------|----|-----------|------|
|                        |           |                       |                         |                      |                    |    |           |      |
|                        |           |                       |                         |                      |                    |    |           |      |
|                        |           |                       |                         |                      |                    |    |           |      |
|                        |           |                       |                         |                      |                    |    |           |      |
| Static at Time Sampled |           | Total Gallons Purged  |                         | Time Sampled         |                    |    |           |      |
|                        |           |                       |                         |                      |                    |    |           |      |
| Comments:              |           |                       |                         |                      |                    |    |           |      |
|                        |           |                       |                         |                      |                    |    |           |      |





*Laboratories, Inc.*

Date of Report: 05/08/2006

Anju Farfan

TRC Alton Geoscience

21 Technology Drive  
Irvine, CA 92618-2302

RE: 7259

BC Lab Number: 0604064

Enclosed are the results of analyses for samples received by the laboratory on 04/25/06 22:45. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

A handwritten signature in black ink, appearing to read "Vanessa Hooker", written over a horizontal line.

Contact Person: Vanessa Hooker

Client Service Rep

A handwritten signature in black ink, written over a horizontal line.

Authorized Signature



TRC Alton Geoscience  
21 Technology Drive  
Irvine CA, 92618-2302

Project: 7259  
Project Number: [none]  
Project Manager: Anju Farfan

Reported: 05/08/06 09:06

### Laboratory / Client Sample Cross Reference

| Laboratory | Client Sample Information |             |  | Receive Date:                        | Delivery Work Order:       |
|------------|---------------------------|-------------|--|--------------------------------------|----------------------------|
| 0604064-01 | <b>COC Number:</b>        | ---         |  | 04/25/06 22:45                       | Global ID: T0608501509     |
|            | <b>Project Number:</b>    | 7259        |  | <b>Sampling Date:</b> 04/24/06 09:11 | Matrix: W                  |
|            | <b>Sampling Location:</b> | MW-7        |  | <b>Sample Depth:</b> ---             | Samle QC Type (SACode): CS |
|            | <b>Sampling Point:</b>    | MW-7        |  | <b>Sample Matrix:</b> Water          | Cooler ID:                 |
|            | <b>Sampled By:</b>        | Joe of TRCI |  |                                      |                            |
| 0604064-02 | <b>COC Number:</b>        | ---         |  | 04/25/06 22:45                       | Global ID: T0608501509     |
|            | <b>Project Number:</b>    | 7259        |  | <b>Sampling Date:</b> 04/24/06 09:33 | Matrix: W                  |
|            | <b>Sampling Location:</b> | MW-5        |  | <b>Sample Depth:</b> ---             | Samle QC Type (SACode): CS |
|            | <b>Sampling Point:</b>    | MW-5        |  | <b>Sample Matrix:</b> Water          | Cooler ID:                 |
|            | <b>Sampled By:</b>        | Joe of TRCI |  |                                      |                            |
| 0604064-03 | <b>COC Number:</b>        | ---         |  | 04/25/06 22:45                       | Global ID: T0608501509     |
|            | <b>Project Number:</b>    | 7259        |  | <b>Sampling Date:</b> 04/24/06 10:15 | Matrix: W                  |
|            | <b>Sampling Location:</b> | MW-6        |  | <b>Sample Depth:</b> ---             | Samle QC Type (SACode): CS |
|            | <b>Sampling Point:</b>    | MW-6        |  | <b>Sample Matrix:</b> Water          | Cooler ID:                 |
|            | <b>Sampled By:</b>        | Joe of TRCI |  |                                      |                            |
| 0604064-04 | <b>COC Number:</b>        | ---         |  | 04/25/06 22:45                       | Global ID: T0608501509     |
|            | <b>Project Number:</b>    | 7259        |  | <b>Sampling Date:</b> 04/24/06 10:53 | Matrix: W                  |
|            | <b>Sampling Location:</b> | EW-2        |  | <b>Sample Depth:</b> ---             | Samle QC Type (SACode): CS |
|            | <b>Sampling Point:</b>    | EW-2        |  | <b>Sample Matrix:</b> Water          | Cooler ID:                 |
|            | <b>Sampled By:</b>        | Joe of TRCI |  |                                      |                            |
| 0604064-05 | <b>COC Number:</b>        | ---         |  | 04/25/06 22:45                       | Global ID: T0608501509     |
|            | <b>Project Number:</b>    | 7259        |  | <b>Sampling Date:</b> 04/24/06 11:22 | Matrix: W                  |
|            | <b>Sampling Location:</b> | EW-7        |  | <b>Sample Depth:</b> ---             | Samle QC Type (SACode): CS |
|            | <b>Sampling Point:</b>    | EW-7        |  | <b>Sample Matrix:</b> Water          | Cooler ID:                 |
|            | <b>Sampled By:</b>        | Joe of TRCI |  |                                      |                            |



TRC Alton Geoscience  
21 Technology Drive  
Irvine CA, 92618-2302

Project: 7259  
Project Number: [none]  
Project Manager: Anju Farfan

Reported: 05/08/06 09:06

### Laboratory / Client Sample Cross Reference

| Laboratory | Client Sample Information |             |  | Receive Date:                        | Delivery Work Order:       |
|------------|---------------------------|-------------|--|--------------------------------------|----------------------------|
| 0604064-06 | <b>COC Number:</b>        | ---         |  | 04/25/06 22:45                       | Global ID: T0608501509     |
|            | <b>Project Number:</b>    | 7259        |  | <b>Sampling Date:</b> 04/24/06 11:47 | Matrix: W                  |
|            | <b>Sampling Location:</b> | MW-2        |  | <b>Sample Depth:</b> ---             | Samle QC Type (SACode): CS |
|            | <b>Sampling Point:</b>    | MW-2        |  | <b>Sample Matrix:</b> Water          | Cooler ID:                 |
|            | <b>Sampled By:</b>        | Joe of TRCI |  |                                      |                            |
| 0604064-07 | <b>COC Number:</b>        | ---         |  | 04/25/06 22:45                       | Global ID: T0608501509     |
|            | <b>Project Number:</b>    | 7259        |  | <b>Sampling Date:</b> 04/24/06 12:07 | Matrix: W                  |
|            | <b>Sampling Location:</b> | MW-1        |  | <b>Sample Depth:</b> ---             | Samle QC Type (SACode): CS |
|            | <b>Sampling Point:</b>    | MW-1        |  | <b>Sample Matrix:</b> Water          | Cooler ID:                 |
|            | <b>Sampled By:</b>        | Joe of TRCI |  |                                      |                            |
| 0604064-08 | <b>COC Number:</b>        | ---         |  | 04/25/06 22:45                       | Global ID: T0608501509     |
|            | <b>Project Number:</b>    | 7259        |  | <b>Sampling Date:</b> 04/24/06 12:33 | Matrix: W                  |
|            | <b>Sampling Location:</b> | MW-3        |  | <b>Sample Depth:</b> ---             | Samle QC Type (SACode): CS |
|            | <b>Sampling Point:</b>    | MW-3        |  | <b>Sample Matrix:</b> Water          | Cooler ID:                 |
|            | <b>Sampled By:</b>        | Joe of TRCI |  |                                      |                            |
| 0604064-09 | <b>COC Number:</b>        | ---         |  | 04/25/06 22:45                       | Global ID: T0608501509     |
|            | <b>Project Number:</b>    | 7259        |  | <b>Sampling Date:</b> 04/24/06 13:11 | Matrix: W                  |
|            | <b>Sampling Location:</b> | EW-1        |  | <b>Sample Depth:</b> ---             | Samle QC Type (SACode): CS |
|            | <b>Sampling Point:</b>    | EW-1        |  | <b>Sample Matrix:</b> Water          | Cooler ID:                 |
|            | <b>Sampled By:</b>        | Joe of TRCI |  |                                      |                            |
| 0604064-10 | <b>COC Number:</b>        | ---         |  | 04/25/06 22:45                       | Global ID: T0608501509     |
|            | <b>Project Number:</b>    | 7259        |  | <b>Sampling Date:</b> 04/24/06 13:49 | Matrix: W                  |
|            | <b>Sampling Location:</b> | MW-4        |  | <b>Sample Depth:</b> ---             | Samle QC Type (SACode): CS |
|            | <b>Sampling Point:</b>    | MW-4        |  | <b>Sample Matrix:</b> Water          | Cooler ID:                 |
|            | <b>Sampled By:</b>        | Joe of TRCI |  |                                      |                            |



TRC Alton Geoscience  
21 Technology Drive  
Irvine CA, 92618-2302

Project: 7259  
Project Number: [none]  
Project Manager: Anju Farfan

**Reported:** 05/08/06 09:06

### Laboratory / Client Sample Cross Reference

| Laboratory | Client Sample Information |
|------------|---------------------------|
|------------|---------------------------|

|   |  |   |
|---|--|---|
| <b>0604064-11</b><br><b>COC Number:</b> ---<br><b>Project Number:</b> 7259<br><b>Sampling Location:</b> EW-3<br><b>Sampling Point:</b> EW-3<br><b>Sampled By:</b> Joe of TRCI | <b>Receive Date:</b> 04/25/06 22:45<br><b>Sampling Date:</b> 04/24/06 14:37<br><b>Sample Depth:</b> ---<br><b>Sample Matrix:</b> Water | <b>Delivery Work Order:</b><br>Global ID: T0608501509<br>Matrix: W<br>Sample QC Type (SACode): CS<br>Cooler ID: |
|---|--|---|



TRC Alton Geoscience  
21 Technology Drive  
Irvine CA, 92618-2302

Project: 7259  
Project Number: [none]  
Project Manager: Anju Farfan

Reported: 05/08/06 09:06

### Volatile Organic Analysis (EPA Method 8260)

BCL Sample ID: 0604064-01 Client Sample Name: 7259, MW-7, MW-7, 4/24/2006 9:11:00AM, Joe

| Constituent                            | Result | Units | PQL                  | MDL | Method   | Prep     | Run            | Analyst | Instru-<br>ment ID | Dilution | QC       | MB   | Lab   |
|--|--------|-------|----------------------|-----|----------|----------|----------------|---------|--------------------|----------|----------|------|-------|
|  |        |       |                      |     |          | Date     | Date/Time      |         |                    |          | Batch ID | Bias | Quals |
| Benzene                                | ND     | ug/L  | 0.50                 |     | EPA-8260 | 05/01/06 | 05/01/06 19:32 | SDU     | MS-V12             | 1        | BPE0085  | ND   |       |
| 1,2-Dibromoethane                      | ND     | ug/L  | 0.50                 |     | EPA-8260 | 05/01/06 | 05/01/06 19:32 | SDU     | MS-V12             | 1        | BPE0085  | ND   |       |
| 1,2-Dichloroethane                     | ND     | ug/L  | 0.50                 |     | EPA-8260 | 05/01/06 | 05/01/06 19:32 | SDU     | MS-V12             | 1        | BPE0085  | ND   |       |
| Ethylbenzene                           | ND     | ug/L  | 0.50                 |     | EPA-8260 | 05/01/06 | 05/01/06 19:32 | SDU     | MS-V12             | 1        | BPE0085  | ND   |       |
| Methyl t-butyl ether                   | ND     | ug/L  | 0.50                 |     | EPA-8260 | 05/01/06 | 05/01/06 19:32 | SDU     | MS-V12             | 1        | BPE0085  | ND   |       |
| Toluene                                | ND     | ug/L  | 0.50                 |     | EPA-8260 | 05/01/06 | 05/01/06 19:32 | SDU     | MS-V12             | 1        | BPE0085  | ND   |       |
| Total Xylenes                          | ND     | ug/L  | 1.0                  |     | EPA-8260 | 05/01/06 | 05/01/06 19:32 | SDU     | MS-V12             | 1        | BPE0085  | ND   |       |
| t-Amyl Methyl ether                    | ND     | ug/L  | 0.50                 |     | EPA-8260 | 05/01/06 | 05/01/06 19:32 | SDU     | MS-V12             | 1        | BPE0085  | ND   |       |
| t-Butyl alcohol                        | ND     | ug/L  | 10                   |     | EPA-8260 | 05/01/06 | 05/01/06 19:32 | SDU     | MS-V12             | 1        | BPE0085  | 2.1  |       |
| Diisopropyl ether                      | ND     | ug/L  | 0.50                 |     | EPA-8260 | 05/01/06 | 05/01/06 19:32 | SDU     | MS-V12             | 1        | BPE0085  | ND   |       |
| Ethanol                                | ND     | ug/L  | 250                  |     | EPA-8260 | 05/01/06 | 05/01/06 19:32 | SDU     | MS-V12             | 1        | BPE0085  | 12   |       |
| Ethyl t-butyl ether                    | ND     | ug/L  | 0.50                 |     | EPA-8260 | 05/01/06 | 05/01/06 19:32 | SDU     | MS-V12             | 1        | BPE0085  | ND   |       |
| Total Purgeable Petroleum Hydrocarbons | ND     | ug/L  | 50                   |     | EPA-8260 | 05/01/06 | 05/01/06 19:32 | SDU     | MS-V12             | 1        | BPE0085  | ND   |       |
| 1,2-Dichloroethane-d4 (Surrogate)      | 103    | %     | 76 - 114 (LCL - UCL) |     | EPA-8260 | 05/01/06 | 05/01/06 19:32 | SDU     | MS-V12             | 1        | BPE0085  |      |       |
| Toluene-d8 (Surrogate)                 | 99.4   | %     | 88 - 110 (LCL - UCL) |     | EPA-8260 | 05/01/06 | 05/01/06 19:32 | SDU     | MS-V12             | 1        | BPE0085  |      |       |
| 4-Bromofluorobenzene (Surrogate)       | 99.6   | %     | 86 - 115 (LCL - UCL) |     | EPA-8260 | 05/01/06 | 05/01/06 19:32 | SDU     | MS-V12             | 1        | BPE0085  |      |       |



TRC Alton Geoscience  
21 Technology Drive  
Irvine CA, 92618-2302

Project: 7259  
Project Number: [none]  
Project Manager: Anju Farfan

Reported: 05/08/06 09:06

### Volatile Organic Analysis (EPA Method 8260)

| BCL Sample ID: 0604064-02              |        | Client Sample Name: 7259, MW-5, MW-5, 4/24/2006 9:33:00AM, Joe |                      |     |          |           |                |         |                |          |             |         |           |
|--|--------|--|----------------------|-----|----------|-----------|----------------|---------|----------------|----------|-------------|---------|-----------|
| Constituent                            | Result | Units  | PQL                  | MDL | Method   | Prep Date | Run Date/Time  | Analyst | Instru-ment ID | Dilution | QC Batch ID | MB Bias | Lab Quals |
| Benzene                                | ND     | ug/L   | 0.50                 |     | EPA-8260 | 05/01/06  | 05/01/06 19:58 | SDU     | MS-V12         | 1        | BPE0085     | ND      |           |
| Ethylbenzene                           | ND     | ug/L   | 0.50                 |     | EPA-8260 | 05/01/06  | 05/01/06 19:58 | SDU     | MS-V12         | 1        | BPE0085     | ND      |           |
| Methyl t-butyl ether                   | ND     | ug/L   | 0.50                 |     | EPA-8260 | 05/01/06  | 05/01/06 19:58 | SDU     | MS-V12         | 1        | BPE0085     | ND      |           |
| Toluene                                | ND     | ug/L   | 0.50                 |     | EPA-8260 | 05/01/06  | 05/01/06 19:58 | SDU     | MS-V12         | 1        | BPE0085     | ND      |           |
| Total Xylenes                          | ND     | ug/L   | 1.0                  |     | EPA-8260 | 05/01/06  | 05/01/06 19:58 | SDU     | MS-V12         | 1        | BPE0085     | ND      |           |
| Total Purgeable Petroleum Hydrocarbons | ND     | ug/L   | 50                   |     | EPA-8260 | 05/01/06  | 05/01/06 19:58 | SDU     | MS-V12         | 1        | BPE0085     | ND      |           |
| 1,2-Dichloroethane-d4 (Surrogate)      | 108    | %  | 76 - 114 (LCL - UCL) |     | EPA-8260 | 05/01/06  | 05/01/06 19:58 | SDU     | MS-V12         | 1        | BPE0085     |         |           |
| Toluene-d8 (Surrogate)                 | 99.6   | %  | 88 - 110 (LCL - UCL) |     | EPA-8260 | 05/01/06  | 05/01/06 19:58 | SDU     | MS-V12         | 1        | BPE0085     |         |           |
| 4-Bromofluorobenzene (Surrogate)       | 101    | %  | 86 - 115 (LCL - UCL) |     | EPA-8260 | 05/01/06  | 05/01/06 19:58 | SDU     | MS-V12         | 1        | BPE0085     |         |           |



TRC Alton Geoscience  
21 Technology Drive  
Irvine CA, 92618-2302

Project: 7259  
Project Number: [none]  
Project Manager: Anju Farfan

Reported: 05/08/06 09:06

### Volatile Organic Analysis (EPA Method 8260)

**BCL Sample ID:** 0604064-03 | **Client Sample Name:** 7259, MW-6, MW-6, 4/24/2006 10:15:00AM, Joe

| Constituent                            | Result | Units | PQL                  | MDL | Method   | Prep     | Run            | Analyst | Instru-<br>ment ID | Dilution | QC       | MB   | Lab   |
|--|--------|-------|----------------------|-----|----------|----------|----------------|---------|--------------------|----------|----------|------|-------|
|  |        |       |                      |     |          | Date     | Date/Time      |         |                    |          | Batch ID | Bias | Quals |
| Benzene                                | 0.56   | ug/L  | 0.50                 |     | EPA-8260 | 05/01/06 | 05/01/06 20:24 | SDU     | MS-V12             | 1        | BPE0085  | ND   |       |
| 1,2-Dibromoethane                      | ND     | ug/L  | 0.50                 |     | EPA-8260 | 05/01/06 | 05/01/06 20:24 | SDU     | MS-V12             | 1        | BPE0085  | ND   |       |
| 1,2-Dichloroethane                     | ND     | ug/L  | 0.50                 |     | EPA-8260 | 05/01/06 | 05/01/06 20:24 | SDU     | MS-V12             | 1        | BPE0085  | ND   |       |
| Ethylbenzene                           | 37     | ug/L  | 0.50                 |     | EPA-8260 | 05/01/06 | 05/01/06 20:24 | SDU     | MS-V12             | 1        | BPE0085  | ND   |       |
| Methyl t-butyl ether                   | ND     | ug/L  | 0.50                 |     | EPA-8260 | 05/01/06 | 05/01/06 20:24 | SDU     | MS-V12             | 1        | BPE0085  | ND   |       |
| Toluene                                | 0.61   | ug/L  | 0.50                 |     | EPA-8260 | 05/01/06 | 05/01/06 20:24 | SDU     | MS-V12             | 1        | BPE0085  | ND   |       |
| Total Xylenes                          | 30     | ug/L  | 1.0                  |     | EPA-8260 | 05/01/06 | 05/01/06 20:24 | SDU     | MS-V12             | 1        | BPE0085  | ND   |       |
| t-Amyl Methyl ether                    | ND     | ug/L  | 0.50                 |     | EPA-8260 | 05/01/06 | 05/01/06 20:24 | SDU     | MS-V12             | 1        | BPE0085  | ND   |       |
| t-Butyl alcohol                        | ND     | ug/L  | 10                   |     | EPA-8260 | 05/01/06 | 05/01/06 20:24 | SDU     | MS-V12             | 1        | BPE0085  | 2.1  |       |
| Diisopropyl ether                      | ND     | ug/L  | 0.50                 |     | EPA-8260 | 05/01/06 | 05/01/06 20:24 | SDU     | MS-V12             | 1        | BPE0085  | ND   |       |
| Ethanol                                | ND     | ug/L  | 250                  |     | EPA-8260 | 05/01/06 | 05/01/06 20:24 | SDU     | MS-V12             | 1        | BPE0085  | 12   |       |
| Ethyl t-butyl ether                    | ND     | ug/L  | 0.50                 |     | EPA-8260 | 05/01/06 | 05/01/06 20:24 | SDU     | MS-V12             | 1        | BPE0085  | ND   |       |
| Total Purgeable Petroleum Hydrocarbons | 1700   | ug/L  | 500                  |     | EPA-8260 | 05/01/06 | 05/05/06 08:44 | SDU     | MS-V12             | 10       | BPE0085  | ND   | A01   |
| 1,2-Dichloroethane-d4 (Surrogate)      | 100    | %     | 76 - 114 (LCL - UCL) |     | EPA-8260 | 05/01/06 | 05/01/06 20:24 | SDU     | MS-V12             | 1        | BPE0085  |      |       |
| 1,2-Dichloroethane-d4 (Surrogate)      | 99.9   | %     | 76 - 114 (LCL - UCL) |     | EPA-8260 | 05/01/06 | 05/05/06 08:44 | SDU     | MS-V12             | 10       | BPE0085  |      |       |
| Toluene-d8 (Surrogate)                 | 99.8   | %     | 88 - 110 (LCL - UCL) |     | EPA-8260 | 05/01/06 | 05/01/06 20:24 | SDU     | MS-V12             | 1        | BPE0085  |      |       |
| Toluene-d8 (Surrogate)                 | 99.2   | %     | 88 - 110 (LCL - UCL) |     | EPA-8260 | 05/01/06 | 05/05/06 08:44 | SDU     | MS-V12             | 10       | BPE0085  |      |       |
| 4-Bromofluorobenzene (Surrogate)       | 100    | %     | 86 - 115 (LCL - UCL) |     | EPA-8260 | 05/01/06 | 05/05/06 08:44 | SDU     | MS-V12             | 10       | BPE0085  |      |       |
| 4-Bromofluorobenzene (Surrogate)       | 104    | %     | 86 - 115 (LCL - UCL) |     | EPA-8260 | 05/01/06 | 05/01/06 20:24 | SDU     | MS-V12             | 1        | BPE0085  |      |       |



TRC Alton Geoscience  
21 Technology Drive  
Irvine CA, 92618-2302

Project: 7259  
Project Number: [none]  
Project Manager: Anju Farfan

Reported: 05/08/06 09:06

### Volatile Organic Analysis (EPA Method 8260)

| BCL Sample ID: 0604064-04              |        | Client Sample Name: 7259, EW-2, EW-2, 4/24/2006 10:53:00AM, Joe |                      |     |          |           |                |         |                |          |             |         |           |  |
|--|--------|---|----------------------|-----|----------|-----------|----------------|---------|----------------|----------|-------------|---------|-----------|--|
| Constituent                            | Result | Units   | PQL                  | MDL | Method   | Prep Date | Run Date/Time  | Analyst | Instru-ment ID | Dilution | QC Batch ID | MB Bias | Lab Quals |  |
| Benzene                                | 46     | ug/L  | 2.5                  |     | EPA-8260 | 05/01/06  | 05/02/06 18:45 | SDU     | MS-V12         | 5        | BPE0085     | ND      | A01       |  |
| Ethylbenzene                           | 140    | ug/L  | 2.5                  |     | EPA-8260 | 05/01/06  | 05/02/06 18:45 | SDU     | MS-V12         | 5        | BPE0085     | ND      | A01       |  |
| Methyl t-butyl ether                   | 2.5    | ug/L  | 2.5                  |     | EPA-8260 | 05/01/06  | 05/02/06 18:45 | SDU     | MS-V12         | 5        | BPE0085     | ND      | A01       |  |
| Toluene                                | 26     | ug/L  | 2.5                  |     | EPA-8260 | 05/01/06  | 05/02/06 18:45 | SDU     | MS-V12         | 5        | BPE0085     | ND      | A01       |  |
| Total Xylenes                          | 160    | ug/L  | 5.0                  |     | EPA-8260 | 05/01/06  | 05/02/06 18:45 | SDU     | MS-V12         | 5        | BPE0085     | ND      | A01       |  |
| Total Purgeable Petroleum Hydrocarbons | 2300   | ug/L  | 250                  |     | EPA-8260 | 05/01/06  | 05/02/06 18:45 | SDU     | MS-V12         | 5        | BPE0085     | ND      | A01       |  |
| 1,2-Dichloroethane-d4 (Surrogate)      | 102    | %   | 76 - 114 (LCL - UCL) |     | EPA-8260 | 05/01/06  | 05/02/06 18:45 | SDU     | MS-V12         | 5        | BPE0085     |         |           |  |
| Toluene-d8 (Surrogate)                 | 98.2   | %   | 88 - 110 (LCL - UCL) |     | EPA-8260 | 05/01/06  | 05/02/06 18:45 | SDU     | MS-V12         | 5        | BPE0085     |         |           |  |
| 4-Bromofluorobenzene (Surrogate)       | 104    | %   | 86 - 115 (LCL - UCL) |     | EPA-8260 | 05/01/06  | 05/02/06 18:45 | SDU     | MS-V12         | 5        | BPE0085     |         |           |  |





TRC Alton Geoscience  
21 Technology Drive  
Irvine CA, 92618-2302

Project: 7259  
Project Number: [none]  
Project Manager: Anju Farfan

Reported: 05/08/06 09:06

### Volatile Organic Analysis (EPA Method 8260)

BCL Sample ID: 0604064-05 Client Sample Name: 7259, EW-7, EW-7, 4/24/2006 11:22:00AM, Joe

| Constituent                            | Result | Units | PQL                  | MDL | Method   | Prep     | Run            | Analyst | Instru-<br>ment ID | Dilution | QC       | MB   | Lab   |
|--|--------|-------|----------------------|-----|----------|----------|----------------|---------|--------------------|----------|----------|------|-------|
|  |        |       |                      |     |          | Date     | Date/Time      |         |                    |          | Batch ID | Bias | Quals |
| Benzene                                | ND     | ug/L  | 0.50                 |     | EPA-8260 | 05/01/06 | 05/01/06 20:49 | SDU     | MS-V12             | 1        | BPE0085  | ND   |       |
| Ethylbenzene                           | 2.6    | ug/L  | 0.50                 |     | EPA-8260 | 05/01/06 | 05/01/06 20:49 | SDU     | MS-V12             | 1        | BPE0085  | ND   |       |
| Methyl t-butyl ether                   | ND     | ug/L  | 0.50                 |     | EPA-8260 | 05/01/06 | 05/01/06 20:49 | SDU     | MS-V12             | 1        | BPE0085  | ND   |       |
| Toluene                                | 0.58   | ug/L  | 0.50                 |     | EPA-8260 | 05/01/06 | 05/01/06 20:49 | SDU     | MS-V12             | 1        | BPE0085  | ND   |       |
| Total Xylenes                          | 4.9    | ug/L  | 1.0                  |     | EPA-8260 | 05/01/06 | 05/01/06 20:49 | SDU     | MS-V12             | 1        | BPE0085  | ND   |       |
| Total Purgeable Petroleum Hydrocarbons | 1000   | ug/L  | 50                   |     | EPA-8260 | 05/01/06 | 05/01/06 20:49 | SDU     | MS-V12             | 1        | BPE0085  | ND   |       |
| 1,2-Dichloroethane-d4 (Surrogate)      | 105    | %     | 76 - 114 (LCL - UCL) |     | EPA-8260 | 05/01/06 | 05/01/06 20:49 | SDU     | MS-V12             | 1        | BPE0085  |      |       |
| Toluene-d8 (Surrogate)                 | 99.9   | %     | 88 - 110 (LCL - UCL) |     | EPA-8260 | 05/01/06 | 05/01/06 20:49 | SDU     | MS-V12             | 1        | BPE0085  |      |       |
| 4-Bromofluorobenzene (Surrogate)       | 103    | %     | 86 - 115 (LCL - UCL) |     | EPA-8260 | 05/01/06 | 05/01/06 20:49 | SDU     | MS-V12             | 1        | BPE0085  |      |       |



TRC Alton Geoscience  
21 Technology Drive  
Irvine CA, 92618-2302

Project: 7259  
Project Number: [none]  
Project Manager: Anju Farfan

Reported: 05/08/06 09:06

### Volatile Organic Analysis (EPA Method 8260)

**BCL Sample ID:** 0604064-06 | **Client Sample Name:** 7259, MW-2, MW-2, 4/24/2006 11:47:00AM, Joe

| Constituent                            | Result | Units | PQL                  | MDL | Method   | Prep     | Run            | Analyst | Instru-<br>ment ID | Dilution | QC       | MB   | Lab   |
|--|--------|-------|----------------------|-----|----------|----------|----------------|---------|--------------------|----------|----------|------|-------|
|  |        |       |                      |     |          | Date     | Date/Time      |         |                    |          | Batch ID | Bias | Quals |
| Benzene                                | ND     | ug/L  | 0.50                 |     | EPA-8260 | 05/01/06 | 05/01/06 21:15 | SDU     | MS-V12             | 1        | BPE0085  | ND   |       |
| Ethylbenzene                           | 0.85   | ug/L  | 0.50                 |     | EPA-8260 | 05/01/06 | 05/01/06 21:15 | SDU     | MS-V12             | 1        | BPE0085  | ND   |       |
| Methyl t-butyl ether                   | 1.4    | ug/L  | 0.50                 |     | EPA-8260 | 05/01/06 | 05/01/06 21:15 | SDU     | MS-V12             | 1        | BPE0085  | ND   |       |
| Toluene                                | ND     | ug/L  | 0.50                 |     | EPA-8260 | 05/01/06 | 05/01/06 21:15 | SDU     | MS-V12             | 1        | BPE0085  | ND   |       |
| Total Xylenes                          | 2.4    | ug/L  | 1.0                  |     | EPA-8260 | 05/01/06 | 05/01/06 21:15 | SDU     | MS-V12             | 1        | BPE0085  | ND   |       |
| Total Purgeable Petroleum Hydrocarbons | 74     | ug/L  | 50                   |     | EPA-8260 | 05/01/06 | 05/01/06 21:15 | SDU     | MS-V12             | 1        | BPE0085  | ND   |       |
| 1,2-Dichloroethane-d4 (Surrogate)      | 105    | %     | 76 - 114 (LCL - UCL) |     | EPA-8260 | 05/01/06 | 05/01/06 21:15 | SDU     | MS-V12             | 1        | BPE0085  |      |       |
| Toluene-d8 (Surrogate)                 | 99.2   | %     | 88 - 110 (LCL - UCL) |     | EPA-8260 | 05/01/06 | 05/01/06 21:15 | SDU     | MS-V12             | 1        | BPE0085  |      |       |
| 4-Bromofluorobenzene (Surrogate)       | 101    | %     | 86 - 115 (LCL - UCL) |     | EPA-8260 | 05/01/06 | 05/01/06 21:15 | SDU     | MS-V12             | 1        | BPE0085  |      |       |



TRC Alton Geoscience  
21 Technology Drive  
Irvine CA, 92618-2302

Project: 7259  
Project Number: [none]  
Project Manager: Anju Farfan

Reported: 05/08/06 09:06

### Volatile Organic Analysis (EPA Method 8260)

BCL Sample ID: 0604064-07 Client Sample Name: 7259, MW-1, MW-1, 4/24/2006 12:07:00PM, Joe

| Constituent                            | Result | Units | PQL                  | MDL | Method   | Prep     | Run            | Analyst | Instru-<br>ment ID | Dilution | QC       | MB   | Lab   |
|--|--------|-------|----------------------|-----|----------|----------|----------------|---------|--------------------|----------|----------|------|-------|
|  |        |       |                      |     |          | Date     | Date/Time      |         |                    |          | Batch ID | Bias | Quals |
| Benzene                                | ND     | ug/L  | 0.50                 |     | EPA-8260 | 05/01/06 | 05/01/06 21:40 | SDU     | MS-V12             | 1        | BPE0085  | ND   |       |
| 1,2-Dibromoethane                      | ND     | ug/L  | 0.50                 |     | EPA-8260 | 05/01/06 | 05/01/06 21:40 | SDU     | MS-V12             | 1        | BPE0085  | ND   |       |
| 1,2-Dichloroethane                     | ND     | ug/L  | 0.50                 |     | EPA-8260 | 05/01/06 | 05/01/06 21:40 | SDU     | MS-V12             | 1        | BPE0085  | ND   |       |
| Ethylbenzene                           | 0.80   | ug/L  | 0.50                 |     | EPA-8260 | 05/01/06 | 05/01/06 21:40 | SDU     | MS-V12             | 1        | BPE0085  | ND   |       |
| Methyl t-butyl ether                   | 15     | ug/L  | 0.50                 |     | EPA-8260 | 05/01/06 | 05/01/06 21:40 | SDU     | MS-V12             | 1        | BPE0085  | ND   |       |
| Toluene                                | ND     | ug/L  | 0.50                 |     | EPA-8260 | 05/01/06 | 05/01/06 21:40 | SDU     | MS-V12             | 1        | BPE0085  | ND   |       |
| Total Xylenes                          | 2.0    | ug/L  | 1.0                  |     | EPA-8260 | 05/01/06 | 05/01/06 21:40 | SDU     | MS-V12             | 1        | BPE0085  | ND   |       |
| t-Amyl Methyl ether                    | ND     | ug/L  | 0.50                 |     | EPA-8260 | 05/01/06 | 05/01/06 21:40 | SDU     | MS-V12             | 1        | BPE0085  | ND   |       |
| t-Butyl alcohol                        | ND     | ug/L  | 10                   |     | EPA-8260 | 05/01/06 | 05/01/06 21:40 | SDU     | MS-V12             | 1        | BPE0085  | 2.1  |       |
| Diisopropyl ether                      | ND     | ug/L  | 0.50                 |     | EPA-8260 | 05/01/06 | 05/01/06 21:40 | SDU     | MS-V12             | 1        | BPE0085  | ND   |       |
| Ethanol                                | ND     | ug/L  | 250                  |     | EPA-8260 | 05/01/06 | 05/01/06 21:40 | SDU     | MS-V12             | 1        | BPE0085  | 12   |       |
| Ethyl t-butyl ether                    | ND     | ug/L  | 0.50                 |     | EPA-8260 | 05/01/06 | 05/01/06 21:40 | SDU     | MS-V12             | 1        | BPE0085  | ND   |       |
| Total Purgeable Petroleum Hydrocarbons | 85     | ug/L  | 50                   |     | EPA-8260 | 05/01/06 | 05/01/06 21:40 | SDU     | MS-V12             | 1        | BPE0085  | ND   |       |
| 1,2-Dichloroethane-d4 (Surrogate)      | 105    | %     | 76 - 114 (LCL - UCL) |     | EPA-8260 | 05/01/06 | 05/01/06 21:40 | SDU     | MS-V12             | 1        | BPE0085  |      |       |
| Toluene-d8 (Surrogate)                 | 100    | %     | 88 - 110 (LCL - UCL) |     | EPA-8260 | 05/01/06 | 05/01/06 21:40 | SDU     | MS-V12             | 1        | BPE0085  |      |       |
| 4-Bromofluorobenzene (Surrogate)       | 101    | %     | 86 - 115 (LCL - UCL) |     | EPA-8260 | 05/01/06 | 05/01/06 21:40 | SDU     | MS-V12             | 1        | BPE0085  |      |       |



TRC Alton Geoscience  
21 Technology Drive  
Irvine CA, 92618-2302

Project: 7259  
Project Number: [none]  
Project Manager: Anju Farfan

Reported: 05/08/06 09:06

### Volatile Organic Analysis (EPA Method 8260)

| BCL Sample ID: 0604064-08              |        | Client Sample Name: 7259, MW-3, MW-3, 4/24/2006 12:33:00PM, Joe |                      |     |          |           |                |         |                |          |             |         |           |  |
|--|--------|---|----------------------|-----|----------|-----------|----------------|---------|----------------|----------|-------------|---------|-----------|--|
| Constituent                            | Result | Units   | PQL                  | MDL | Method   | Prep Date | Run Date/Time  | Analyst | Instru-ment ID | Dilution | QC Batch ID | MB Bias | Lab Quals |  |
| Benzene                                | 160    | ug/L  | 25                   |     | EPA-8260 | 05/01/06  | 05/02/06 14:04 | SDU     | MS-V12         | 50       | BPE0085     | ND      | A01       |  |
| Ethylbenzene                           | 860    | ug/L  | 25                   |     | EPA-8260 | 05/01/06  | 05/02/06 14:04 | SDU     | MS-V12         | 50       | BPE0085     | ND      | A01       |  |
| Methyl t-butyl ether                   | ND     | ug/L  | 25                   |     | EPA-8260 | 05/01/06  | 05/02/06 14:04 | SDU     | MS-V12         | 50       | BPE0085     | ND      | A01       |  |
| Toluene                                | 140    | ug/L  | 25                   |     | EPA-8260 | 05/01/06  | 05/02/06 14:04 | SDU     | MS-V12         | 50       | BPE0085     | ND      | A01       |  |
| Total Xylenes                          | 1800   | ug/L  | 50                   |     | EPA-8260 | 05/01/06  | 05/02/06 14:04 | SDU     | MS-V12         | 50       | BPE0085     | ND      | A01       |  |
| Total Purgeable Petroleum Hydrocarbons | 42000  | ug/L  | 2500                 |     | EPA-8260 | 05/01/06  | 05/02/06 14:04 | SDU     | MS-V12         | 50       | BPE0085     | ND      | A01       |  |
| 1,2-Dichloroethane-d4 (Surrogate)      | 96.8   | %   | 76 - 114 (LCL - UCL) |     | EPA-8260 | 05/01/06  | 05/02/06 14:04 | SDU     | MS-V12         | 50       | BPE0085     |         |           |  |
| Toluene-d8 (Surrogate)                 | 99.5   | %   | 88 - 110 (LCL - UCL) |     | EPA-8260 | 05/01/06  | 05/02/06 14:04 | SDU     | MS-V12         | 50       | BPE0085     |         |           |  |
| 4-Bromofluorobenzene (Surrogate)       | 102    | %   | 86 - 115 (LCL - UCL) |     | EPA-8260 | 05/01/06  | 05/02/06 14:04 | SDU     | MS-V12         | 50       | BPE0085     |         |           |  |



TRC Alton Geoscience  
21 Technology Drive  
Irvine CA, 92618-2302

Project: 7259  
Project Number: [none]  
Project Manager: Anju Farfan

Reported: 05/08/06 09:06

### Volatile Organic Analysis (EPA Method 8260)

| BCL Sample ID: 0604064-09              |        | Client Sample Name: 7259, EW-1, EW-1, 4/24/2006 1:11:00PM, Joe |                      |     |          |           |                |         |                |          |             |         |           |
|--|--------|--|----------------------|-----|----------|-----------|----------------|---------|----------------|----------|-------------|---------|-----------|
| Constituent                            | Result | Units  | PQL                  | MDL | Method   | Prep Date | Run Date/Time  | Analyst | Instru-ment ID | Dilution | QC Batch ID | MB Bias | Lab Quals |
| Benzene                                | 2.5    | ug/L   | 0.50                 |     | EPA-8260 | 05/01/06  | 05/01/06 22:06 | SDU     | MS-V12         | 1        | BPE0085     | ND      |           |
| Ethylbenzene                           | 6.3    | ug/L   | 0.50                 |     | EPA-8260 | 05/01/06  | 05/01/06 22:06 | SDU     | MS-V12         | 1        | BPE0085     | ND      |           |
| Methyl t-butyl ether                   | 3.6    | ug/L   | 0.50                 |     | EPA-8260 | 05/01/06  | 05/01/06 22:06 | SDU     | MS-V12         | 1        | BPE0085     | ND      |           |
| Toluene                                | 0.70   | ug/L   | 0.50                 |     | EPA-8260 | 05/01/06  | 05/01/06 22:06 | SDU     | MS-V12         | 1        | BPE0085     | ND      |           |
| Total Xylenes                          | 8.9    | ug/L   | 1.0                  |     | EPA-8260 | 05/01/06  | 05/01/06 22:06 | SDU     | MS-V12         | 1        | BPE0085     | ND      |           |
| Total Purgeable Petroleum Hydrocarbons | 820    | ug/L   | 50                   |     | EPA-8260 | 05/01/06  | 05/01/06 22:06 | SDU     | MS-V12         | 1        | BPE0085     | ND      |           |
| 1,2-Dichloroethane-d4 (Surrogate)      | 105    | %  | 76 - 114 (LCL - UCL) |     | EPA-8260 | 05/01/06  | 05/01/06 22:06 | SDU     | MS-V12         | 1        | BPE0085     |         |           |
| Toluene-d8 (Surrogate)                 | 98.7   | %  | 88 - 110 (LCL - UCL) |     | EPA-8260 | 05/01/06  | 05/01/06 22:06 | SDU     | MS-V12         | 1        | BPE0085     |         |           |
| 4-Bromofluorobenzene (Surrogate)       | 105    | %  | 86 - 115 (LCL - UCL) |     | EPA-8260 | 05/01/06  | 05/01/06 22:06 | SDU     | MS-V12         | 1        | BPE0085     |         |           |



TRC Alton Geoscience  
21 Technology Drive  
Irvine CA, 92618-2302

Project: 7259  
Project Number: [none]  
Project Manager: Anju Farfan

Reported: 05/08/06 09:06

### Volatile Organic Analysis (EPA Method 8260)

| BCL Sample ID: 0604064-10              |        | Client Sample Name: 7259, MW-4, MW-4, 4/24/2006 1:49:00PM, Joe |                      |     |          |           |                |         |                |          |             |         |           |
|--|--------|--|----------------------|-----|----------|-----------|----------------|---------|----------------|----------|-------------|---------|-----------|
| Constituent                            | Result | Units  | PQL                  | MDL | Method   | Prep Date | Run Date/Time  | Analyst | Instru-ment ID | Dilution | QC Batch ID | MB Bias | Lab Quals |
| Benzene                                | ND     | ug/L   | 0.50                 |     | EPA-8260 | 05/01/06  | 05/01/06 22:31 | SDU     | MS-V12         | 1        | BPE0085     | ND      |           |
| Ethylbenzene                           | ND     | ug/L   | 0.50                 |     | EPA-8260 | 05/01/06  | 05/01/06 22:31 | SDU     | MS-V12         | 1        | BPE0085     | ND      |           |
| Methyl t-butyl ether                   | 3.2    | ug/L   | 0.50                 |     | EPA-8260 | 05/01/06  | 05/01/06 22:31 | SDU     | MS-V12         | 1        | BPE0085     | ND      |           |
| Toluene                                | ND     | ug/L   | 0.50                 |     | EPA-8260 | 05/01/06  | 05/01/06 22:31 | SDU     | MS-V12         | 1        | BPE0085     | ND      |           |
| Total Xylenes                          | ND     | ug/L   | 1.0                  |     | EPA-8260 | 05/01/06  | 05/01/06 22:31 | SDU     | MS-V12         | 1        | BPE0085     | ND      |           |
| Total Purgeable Petroleum Hydrocarbons | ND     | ug/L   | 50                   |     | EPA-8260 | 05/01/06  | 05/01/06 22:31 | SDU     | MS-V12         | 1        | BPE0085     | ND      |           |
| 1,2-Dichloroethane-d4 (Surrogate)      | 103    | %  | 76 - 114 (LCL - UCL) |     | EPA-8260 | 05/01/06  | 05/01/06 22:31 | SDU     | MS-V12         | 1        | BPE0085     |         |           |
| Toluene-d8 (Surrogate)                 | 99.6   | %  | 88 - 110 (LCL - UCL) |     | EPA-8260 | 05/01/06  | 05/01/06 22:31 | SDU     | MS-V12         | 1        | BPE0085     |         |           |
| 4-Bromofluorobenzene (Surrogate)       | 97.0   | %  | 86 - 115 (LCL - UCL) |     | EPA-8260 | 05/01/06  | 05/01/06 22:31 | SDU     | MS-V12         | 1        | BPE0085     |         |           |



TRC Alton Geoscience  
21 Technology Drive  
Irvine CA, 92618-2302

Project: 7259  
Project Number: [none]  
Project Manager: Anju Farfan

Reported: 05/08/06 09:06

### Volatile Organic Analysis (EPA Method 8260)

| BCL Sample ID: 0604064-11              |        | Client Sample Name: 7259, EW-3, EW-3, 4/24/2006 2:37:00PM, Joe |                      |     |          |           |                |         |                |          |             |         |           |  |
|--|--------|--|----------------------|-----|----------|-----------|----------------|---------|----------------|----------|-------------|---------|-----------|--|
| Constituent                            | Result | Units  | PQL                  | MDL | Method   | Prep Date | Run Date/Time  | Analyst | Instru-ment ID | Dilution | QC Batch ID | MB Bias | Lab Quals |  |
| Benzene                                | 1700   | ug/L   | 12                   |     | EPA-8260 | 05/01/06  | 05/02/06 13:13 | SDU     | MS-V12         | 25       | BPE0085     | ND      | A01       |  |
| Ethylbenzene                           | 850    | ug/L   | 12                   |     | EPA-8260 | 05/01/06  | 05/02/06 13:13 | SDU     | MS-V12         | 25       | BPE0085     | ND      | A01       |  |
| Methyl t-butyl ether                   | 720    | ug/L   | 12                   |     | EPA-8260 | 05/01/06  | 05/02/06 13:13 | SDU     | MS-V12         | 25       | BPE0085     | ND      | A01       |  |
| Toluene                                | 150    | ug/L   | 12                   |     | EPA-8260 | 05/01/06  | 05/02/06 13:13 | SDU     | MS-V12         | 25       | BPE0085     | ND      | A01       |  |
| Total Xylenes                          | 750    | ug/L   | 25                   |     | EPA-8260 | 05/01/06  | 05/02/06 13:13 | SDU     | MS-V12         | 25       | BPE0085     | ND      | A01       |  |
| Total Purgeable Petroleum Hydrocarbons | 28000  | ug/L   | 1200                 |     | EPA-8260 | 05/01/06  | 05/02/06 13:13 | SDU     | MS-V12         | 25       | BPE0085     | ND      | A01       |  |
| 1,2-Dichloroethane-d4 (Surrogate)      | 100    | %  | 76 - 114 (LCL - UCL) |     | EPA-8260 | 05/01/06  | 05/02/06 13:13 | SDU     | MS-V12         | 25       | BPE0085     |         |           |  |
| Toluene-d8 (Surrogate)                 | 102    | %  | 88 - 110 (LCL - UCL) |     | EPA-8260 | 05/01/06  | 05/02/06 13:13 | SDU     | MS-V12         | 25       | BPE0085     |         |           |  |
| 4-Bromofluorobenzene (Surrogate)       | 105    | %  | 86 - 115 (LCL - UCL) |     | EPA-8260 | 05/01/06  | 05/02/06 13:13 | SDU     | MS-V12         | 25       | BPE0085     |         |           |  |



TRC Alton Geoscience  
21 Technology Drive  
Irvine CA, 92618-2302

Project: 7259  
Project Number: [none]  
Project Manager: Anju Farfan

Reported: 05/08/06 09:06

## Volatile Organic Analysis (EPA Method 8260) Quality Control Report - Precision & Accuracy

| Constituent                       | Batch ID | QC Sample ID | QC Sample Type         | Source Result | Result | Spike Added | Units | RPD   | Control Limits   |     |                            |
|-----------------------------------|----------|--------------|------------------------|---------------|--------|-------------|-------|-------|------------------|-----|----------------------------|
|                                   |          |              |                        |               |        |             |       |       | Percent Recovery | RPD | Percent Recovery Lab Quals |
| Benzene                           | BPE0085  | BPE0085-MS1  | Matrix Spike           | ND            | 24.940 | 25.000      | ug/L  |       | 99.8             |     | 70 - 130                   |
|                                   |          | BPE0085-MSD1 | Matrix Spike Duplicate | ND            | 24.370 | 25.000      | ug/L  | 2.33  | 97.5             | 20  | 70 - 130                   |
| Toluene                           | BPE0085  | BPE0085-MS1  | Matrix Spike           | ND            | 22.720 | 25.000      | ug/L  |       | 90.9             |     | 70 - 130                   |
|                                   |          | BPE0085-MSD1 | Matrix Spike Duplicate | ND            | 22.570 | 25.000      | ug/L  | 0.662 | 90.3             | 20  | 70 - 130                   |
| 1,2-Dichloroethane-d4 (Surrogate) | BPE0085  | BPE0085-MS1  | Matrix Spike           | ND            | 10.170 | 10.000      | ug/L  |       | 102              |     | 76 - 114                   |
|                                   |          | BPE0085-MSD1 | Matrix Spike Duplicate | ND            | 10.270 | 10.000      | ug/L  |       | 103              |     | 76 - 114                   |
| Toluene-d8 (Surrogate)            | BPE0085  | BPE0085-MS1  | Matrix Spike           | ND            | 10.000 | 10.000      | ug/L  |       | 100              |     | 88 - 110                   |
|                                   |          | BPE0085-MSD1 | Matrix Spike Duplicate | ND            | 9.9100 | 10.000      | ug/L  |       | 99.1             |     | 88 - 110                   |
| 4-Bromofluorobenzene (Surrogate)  | BPE0085  | BPE0085-MS1  | Matrix Spike           | ND            | 9.9600 | 10.000      | ug/L  |       | 99.6             |     | 86 - 115                   |
|                                   |          | BPE0085-MSD1 | Matrix Spike Duplicate | ND            | 10.160 | 10.000      | ug/L  |       | 102              |     | 86 - 115                   |





TRC Alton Geoscience  
21 Technology Drive  
Irvine CA, 92618-2302

Project: 7259  
Project Number: [none]  
Project Manager: Anju Farfan

Reported: 05/08/06 09:06

## 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                           | BPE0085  | BPE0085-BS1  | LCS     | 24.380 | 25.000      | 0.50 | ug/L  | 97.5             |     | 70 - 130         |     |           |
| Toluene                           | BPE0085  | BPE0085-BS1  | LCS     | 22.680 | 25.000      | 0.50 | ug/L  | 90.7             |     | 70 - 130         |     |           |
| 1,2-Dichloroethane-d4 (Surrogate) | BPE0085  | BPE0085-BS1  | LCS     | 10.180 | 10.000      |      | ug/L  | 102              |     | 76 - 114         |     |           |
| Toluene-d8 (Surrogate)            | BPE0085  | BPE0085-BS1  | LCS     | 9.9600 | 10.000      |      | ug/L  | 99.6             |     | 88 - 110         |     |           |
| 4-Bromofluorobenzene (Surrogate)  | BPE0085  | BPE0085-BS1  | LCS     | 9.8200 | 10.000      |      | ug/L  | 98.2             |     | 86 - 115         |     |           |



TRC Alton Geoscience  
21 Technology Drive  
Irvine CA, 92618-2302

Project: 7259  
Project Number: [none]  
Project Manager: Anju Farfan

Reported: 05/08/06 09:06

## 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                                | BPE0085  | BPE0085-BLK1 | ND        | ug/L  | 0.50                 | 0.12 |           |
| 1,2-Dibromoethane                      | BPE0085  | BPE0085-BLK1 | ND        | ug/L  | 0.50                 | 0.24 |           |
| 1,2-Dichloroethane                     | BPE0085  | BPE0085-BLK1 | ND        | ug/L  | 0.50                 | 0.25 |           |
| Ethylbenzene                           | BPE0085  | BPE0085-BLK1 | ND        | ug/L  | 0.50                 | 0.12 |           |
| Methyl t-butyl ether                   | BPE0085  | BPE0085-BLK1 | ND        | ug/L  | 0.50                 | 0.12 |           |
| Toluene                                | BPE0085  | BPE0085-BLK1 | ND        | ug/L  | 0.50                 | 0.15 |           |
| Total Xylenes                          | BPE0085  | BPE0085-BLK1 | ND        | ug/L  | 1.0                  | 0.37 |           |
| t-Amyl Methyl ether                    | BPE0085  | BPE0085-BLK1 | ND        | ug/L  | 0.50                 | 0.49 |           |
| t-Butyl alcohol                        | BPE0085  | BPE0085-BLK1 | ND        | ug/L  | 10                   | 10   |           |
| Diisopropyl ether                      | BPE0085  | BPE0085-BLK1 | ND        | ug/L  | 0.50                 | 0.25 |           |
| Ethanol                                | BPE0085  | BPE0085-BLK1 | ND        | ug/L  | 250                  | 110  |           |
| Ethyl t-butyl ether                    | BPE0085  | BPE0085-BLK1 | ND        | ug/L  | 0.50                 | 0.25 |           |
| Total Purgeable Petroleum Hydrocarbons | BPE0085  | BPE0085-BLK1 | ND        | ug/L  | 50                   | 23   |           |
| 1,2-Dichloroethane-d4 (Surrogate)      | BPE0085  | BPE0085-BLK1 | 103       | %     | 76 - 114 (LCL - UCL) |      |           |
| Toluene-d8 (Surrogate)                 | BPE0085  | BPE0085-BLK1 | 98.3      | %     | 88 - 110 (LCL - UCL) |      |           |
| 4-Bromofluorobenzene (Surrogate)       | BPE0085  | BPE0085-BLK1 | 98.8      | %     | 86 - 115 (LCL - UCL) |      |           |



TRC Alton Geoscience  
21 Technology Drive  
Irvine CA, 92618-2302

Project: 7259  
Project Number: [none]  
Project Manager: Anju Farfan

**Reported:** 05/08/06 09:06

### Notes and Definitions

- J Estimated value
- A01 PQL's and MDL's are raised due to sample dilution.
- ND Analyte NOT DETECTED at or above the reporting limit
- dry Sample results reported on a dry weight basis
- RPD Relative Percent Difference

Submission #: 06-04064

Project Code:

TB Batch #

SHIPPING INFORMATION

Federal Express  UPS  Hand Delivery  BC Lab Field Service  Other  (Specify)

SHIPPING CONTAINER

Ice Chest  None  Box  Other  (Specify)

Refrigerant: Ice  Blue Ice  None  Other  Comments:

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

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

COC Received

YES  NO

Ice Chest ID: G/W  
Temperature: 11 °C  
Thermometer ID: 48

Emissivity: 1.0  
Container: Q+A

Date/Time: 4/25/06  
Analyst Init: ARM

| SAMPLE CONTAINERS                    | SAMPLE NUMBERS |     |     |     |     |     |     |     |     |     |
|--------------------------------------|----------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|
|                                      | 1              | 2   | 3   | 4   | 5   | 6   | 7   | 8   | 9   | 10  |
| QT GENERAL MINERAL/ GENERAL PHYSICAL |                |     |     |     |     |     |     |     |     |     |
| PT PE UNPRESERVED                    |                |     |     |     |     |     |     |     |     |     |
| QT INORGANIC CHEMICAL METALS         |                |     |     |     |     |     |     |     |     |     |
| PT INORGANIC CHEMICAL METALS         |                |     |     |     |     |     |     |     |     |     |
| PT CYANIDE                           |                |     |     |     |     |     |     |     |     |     |
| PT NITROGEN FORMS                    |                |     |     |     |     |     |     |     |     |     |
| PT TOTAL SULFIDE                     |                |     |     |     |     |     |     |     |     |     |
| 2oz. NITRATE / NITRITE               |                |     |     |     |     |     |     |     |     |     |
| 100ml TOTAL ORGANIC CARBON           |                |     |     |     |     |     |     |     |     |     |
| QT TOX                               |                |     |     |     |     |     |     |     |     |     |
| PT CHEMICAL OXYGEN DEMAND            |                |     |     |     |     |     |     |     |     |     |
| PIA PHENOLICS                        |                |     |     |     |     |     |     |     |     |     |
| 40ml VOA VIAL TRAVEL BLANK           |                |     |     |     |     |     |     |     |     |     |
| 40ml VOA VIAL                        | A-3            | A-3 | A-3 | A-3 | A-3 | A-3 | A-3 | A-3 | A-3 | A-3 |
| 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 QA/QC                             |                |     |     |     |     |     |     |     |     |     |
| QT AMBER                             |                |     |     |     |     |     |     |     |     |     |
| 8 OZ. JAR                            |                |     |     |     |     |     |     |     |     |     |
| 32 OZ. JAR                           |                |     |     |     |     |     |     |     |     |     |
| SOIL SLEEVE                          |                |     |     |     |     |     |     |     |     |     |
| PCB VIAL                             |                |     |     |     |     |     |     |     |     |     |
| PLASTIC BAG                          |                |     |     |     |     |     |     |     |     |     |
| FERROUS IRON                         |                |     |     |     |     |     |     |     |     |     |
| ENCORE                               |                |     |     |     |     |     |     |     |     |     |

Comments:

Sample Numbering Completed By: [Signature] Date/Time: 4/26 1230

Submission #: 06 04069

Project Code:

TB Batch #

SHIPPING INFORMATION

Federal Express  UPS  Hand Delivery   
BC Lab Field Service  Other  (Specify) \_\_\_\_\_

SHIPPING CONTAINER

Ice Chest  None   
Box  Other  (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

Ice Chest ID: GLW  
Temperature: 1.1 °C  
Thermometer ID: 48

Emissivity 1.0  
Container Q+A

Date/Time 4/25/06  
Analyst Init ARM

SAMPLE CONTAINERS

SAMPLE NUMBERS

|                                      | 1         | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
|--------------------------------------|-----------|---|---|---|---|---|---|---|---|----|
| QT GENERAL MINERAL/ GENERAL PHYSICAL |           |   |   |   |   |   |   |   |   |    |
| PT PE UNPRESERVED                    |           |   |   |   |   |   |   |   |   |    |
| QT INORGANIC CHEMICAL METALS         |           |   |   |   |   |   |   |   |   |    |
| PT INORGANIC CHEMICAL METALS         |           |   |   |   |   |   |   |   |   |    |
| PT CYANIDE                           |           |   |   |   |   |   |   |   |   |    |
| PT NITROGEN FORMS                    |           |   |   |   |   |   |   |   |   |    |
| PT TOTAL SULFIDE                     |           |   |   |   |   |   |   |   |   |    |
| 2oz. NITRATE / NITRITE               |           |   |   |   |   |   |   |   |   |    |
| 100ml TOTAL ORGANIC CARBON           |           |   |   |   |   |   |   |   |   |    |
| QT TOX                               |           |   |   |   |   |   |   |   |   |    |
| PT CHEMICAL OXYGEN DEMAND            |           |   |   |   |   |   |   |   |   |    |
| PIA PHENOLICS                        |           |   |   |   |   |   |   |   |   |    |
| 40ml VOA VIAL TRAVEL BLANK           |           |   |   |   |   |   |   |   |   |    |
| 40ml VOA VIAL                        | <u>A3</u> |   |   |   |   |   |   |   |   |    |
| 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 QA/OC                             |           |   |   |   |   |   |   |   |   |    |
| QT AMBER                             |           |   |   |   |   |   |   |   |   |    |
| 8 OZ. JAR                            |           |   |   |   |   |   |   |   |   |    |
| 32 OZ. JAR                           |           |   |   |   |   |   |   |   |   |    |
| SOIL SLEEVE                          |           |   |   |   |   |   |   |   |   |    |
| PCB VIAL                             |           |   |   |   |   |   |   |   |   |    |
| PLASTIC BAG                          |           |   |   |   |   |   |   |   |   |    |
| FERROUS IRON                         |           |   |   |   |   |   |   |   |   |    |
| ENCORE                               |           |   |   |   |   |   |   |   |   |    |

Comments:

Sample Numbering Completed By: ARM

Date/Time: 4/24 1230

BC LABORATORIES, INC.

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

CHAIN OF CUSTODY

06-04064

Analysis Requested

Circle one: Phillips 66 / Unocal

Address: 2370 Alum Rock Ave.

City: SAN JOSE

State: CA Zip:

Phillips 66 / Unocal Mgr: Shelby Latrap

Consultant Firm: TRC

21 Technology Drive  
Irvine, CA 92618-2602  
Attn: Anju Farfan

4-digit site#: 7259

Workorder #: 16397RC502

Project #: 41050001

Sampler Name: JOE

| MATRIX            | STEX/MTBE by 8021B, Gas by 8015 | TPH GAS by 8015M | TPH DIESEL by 8016 | 8260 Full list w/ MTBE & oxygenates | STEX/MTBE/GAS by 8260B | ETHANOL by 8260B | TPH by 8260B | OXYS by 8260B | OXYS 8260B | Turnaround Time Requested |
|-------------------|---------------------------------|------------------|--------------------|-------------------------------------|------------------------|------------------|--------------|---------------|------------|---------------------------|
| (GW) Ground-water |                                 |                  |                    |                                     | X                      | X                | X            | X             | X          | STD                       |
| (S) Soil          |                                 |                  |                    |                                     |                        |                  |              |               |            |                           |
| (WW) Waste-water  |                                 |                  |                    |                                     |                        |                  |              |               |            |                           |
| (SL) Sludge       |                                 |                  |                    |                                     |                        |                  |              |               |            |                           |

| Lab# | Sample Description | Field Point Name | Date & Time Sampled |
|------|--------------------|------------------|---------------------|
| 1    | MW-7               |                  | 04-24-06 0911       |
| 2    | MW-5               |                  | 0933                |
| 3    | MW-6               |                  | 1015                |
| 4    | EW-2               |                  | 1053                |
| 5    | EW-7               |                  | 1122                |
| 6    | MW-2               |                  | 1147                |
| 7    | MW-1               |                  | 1207                |
| 8    | MW-3               |                  | 1233                |

3 voas w/HCl

Comments:

GLOBAL ID: T0608501509

Northern CA

Relinquished by (Signature): Joe P. Senior

Relinquished by (Signature): Ross Decker

Relinquished by (Signature): Ross Decker

DATE PRESERVATIVE: 4/25/06

LEG CREATOR: McBuffie

Received by: Refrigerator

Received by: Ross Decker

Received by: [Signature]

Date & Time: 04-24-06 1620

Date & Time: 4/25/06 1430

Date & Time: 4-25-06 1805

Date & Time: 4/25/06 2245



## **STATEMENTS**

### **Purge Water Disposal**

Non-hazardous groundwater produced during purging and sampling of monitoring was accumulated at TRC's groundwater monitoring facility at Concord, California, for transportation by Onyx Transportation, Inc., to the ConocoPhillips Refinery at Rodeo, California. Disposal at the Rodeo facility was authorized by ConocoPhillips in accordance with "ESD Standard Operating Procedures - Water Quality and Compliance", as revised on February 7, 2003. Documentation of compliance with ConocoPhillips requirements is provided by an ESD Form R-149, which is on file at TRC's Concord Office. Purge water containing a significant amount of liquid -phase hydrocarbons was accumulated separately in drums for transportation and disposal by Filter Recycling, Inc.

### **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.