ConocoPhillips
76 Broadway
Sacramento, California 95818

October 17, 2006

Mr. Don Hwang
Alameda County Health Agency
1131 Harbor Bay Parkway
Alameda, California 94502

Re: **Report Transmittal**
**Quarterly Summary Report**
**Third Quarter 2006**
**76 Service Station 5760**
**376 Lewelling Boulevard**
**San Lorenzo, CA**

Dear Mr. Hwang:

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,

Thomas K. Kosel

Thomas Kosel
Risk Management & Remediation

Attachment

October 20, 2006

Mr. Donald Hwang
Alameda County Health Agency
1131 Harbor Bay Parkway, Suite 250
Alameda, California 94502

**Re: Quarterly Summary Report – Third Quarter 2006**
Delta Project No. C105760081

DELTA

Dear Mr. Hwang:

On behalf of ConocoPhillips (COP), Delta Consultants (Delta) is forwarding the quarterly summary report for the following location:

| Service Station | Location |
|---|---|
| 76 Service Station No. 5760 | 376 Lewelling Boulevard<br>San Lorenzo, California |

Sincerely,
**Delta Consultants**

Ben Wright
Staff Geologist

Daniel J. Davis, R.G.
Senior Project Manager

REGISTERED GEOLOGIST
DANIEL J. DAVIS
No. 6435
STATE OF CALIFORNIA

Forward: TRC – Semi-Annual Monitoring Report

cc: Ms. Shelby Lathrop, ConocoPhillips (electronic copy)

**QUARTERLY SUMMARY REPORT**
**Third Quarter 2006**
**76 Service Station No. 5760**
**376 Lewelling Boulevard**
**San Lorenzo, California**

## PREVIOUS ASSESSMENT

The underground storage tanks (USTs) were removed and replaced in November 1987. At that time monitoring well U-1 was installed in response to the contamination observed during the UST replacement. Information on the installation of well U-1 is documented in a report *Well Installation* prepared by Woodward-Clyde Consultants dated March 25, 1988.

Three additional monitoring wells (U-2, U-3 and U-4) were installed in August 1990 by GeoStrategies Incorporated (GSI). The installation of these wells is documented in a report *Monitoring Well Installation Report* prepared by GSI dated November 16, 1990.

In March 1992 GSI installed four offsite monitoring wells (U-5 through U-8) to further delineate the groundwater hydrocarbon plume. The installation of these wells is documented in a report *Well Installation Report* prepared by GSI dated June 15, 1992.

An additional offsite well, U-9, was installed by GSI in May 1993. The installation of this well is documented in a report *Well Installation Report* prepared by GSI dated August 9, 1993

In September 1993, twelve borings were drilled as part of a property divestment program. Due to hydrocarbon impacted soils being encountered, three of the borings were converted to vapor extraction wells.

In March 1994, the delineation of hydrocarbon-impacted soils was completed with the installation of two additional soil borings.

Between August 8 and 13, 1994, a soil vapor extraction (SVE) feasibility test was conducted by Pacific Environmental Group (PEG). The results of the test showed SVE to be an applicable technology for removal of petroleum hydrocarbons from soil and groundwater below at site.

In September 1995 a combination SVE and groundwater treatment (GWT) system was constructed at the site. Start-up activities for the GWT system began on October 3, 1995. SVE system start-up and continuous GWT operation began in mid-October 1995. The system continued to operate until February 1997 when it was shut down due to diminishing incremental benefit.

## MONITORING AND SAMPLING

Groundwater sampling began in the second quarter 1988. In the first quarter 1990, quarterly monitoring and sampling began and continued at quarterly intervals until March 1996 when the frequency changed to semi-annual. Monitoring well U-2 and U-4 are currently monitored and not sampled. Monitoring well U-5, U-8, and U-9 are sampled during the first quarter only. Groundwater samples are analyzed for total

petroleum hydrocarbons with gasoline distinction (TPH-G), benzene, toluene, ethylbenzene, total xylenes (BTEX), methyl tertiary butyl ether (MTBE), and ethanol.

Monitoring and sampling was conducted on July11, 2006 for monitor wells U-1, U-3, U-6 and U-7.

## REMEDIATION STATUS

In September 1995 a combination SVE and groundwater treatment (GWT) system was constructed at the site. Start-up activities for the GWT system began on October 3, 1995. SVE system start-up and continuous GWT operation began in mid-October 1995. The system continued to operate until February 1997 when it was shut down due to diminishing incremental benefit.

## CHARACTERIZATION STATUS

Contamination in soil has been adequately assessed. The groundwater hydrocarbon plume, composed primarily of TPH-G and located in the southwest portion of the property, is considered stable. During the July 2006 sampling event the maximum dissolved TPH-G concentration was reported at 9,200 micrograms per liter (µg/l) in the groundwater sample from well U-1.

July through September 2006

During the most recent groundwater monitoring event, conducted July 11, 2006, depth to groundwater ranged from 12.84 feet (U-7) to 16.15 feet (U-2) below top of casing (TOC). The groundwater gradient was 0.004 foot per foot (ft/ft) and the flow direction was southwest. Historic groundwater flow directions are shown in Attachment A.

Petroleum Hydrocarbon Concentrations

TPH-G was reported in samples from wells U-1 and U-3 at 9,200 µg/l and 3,800 µg/l, respectively. For each well sampled, benzene and MTBE were reported not detected at or above laboratory detection limits.

## RECENT CORRESPONDENCE

No recent correspondence was documented during this reporting period.

## THIS QUARTER ACTIVITIES (Third Quarter 2006)

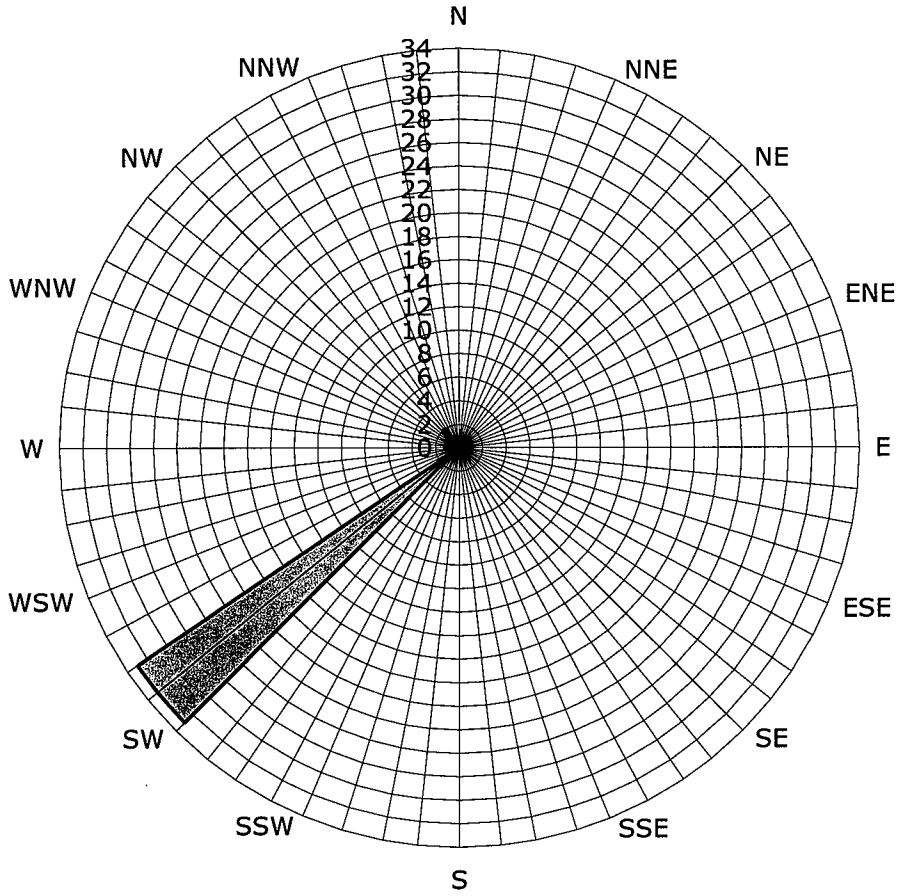
1. TRC conducted the semi-annual monitoring and sampling event at the site.
2. Delta completed and submitted a sensitive receptor survey to Alameda County for the site.

## WASTE DISPOSAL SUMMARY

No waste was disposed of from the site during this reporting period.

# Attachment A
## Historic Groundwater Flow Directions

**Historic Groundwater Flow Directions**
**ConocoPhillips Site No. 5760**
376 Lewelling Boulevard
San Lorenzo, California




Groundwater Flow Direction

Legend
Concentric circles represent quarterly montoring events
Fourth Quarter 1990 through Third Quarter 2006
36 data points shown

TRC

AUG 1 0 2006

August 8, 2006

ConocoPhillips Company
76 Broadway
Sacramento, CA 95818

ATTN: MR. THOMAS H. KOSEL

SITE: 76 STATION 5760
376 LEWELLING BOULEVARD
SAN LORENZO, CALIFORNIA

RE: SEMI-ANNUAL MONITORING REPORT
JULY THROUGH SEPTEMBER 2006

Dear Mr. Kosel:

Please find enclosed our Semi-Annual Monitoring Report for 76 Station 5760, located at 376 Lewelling Boulevard, San Lorenzo, California. If you have any questions regarding this report, please call us at (949) 753-0101.

Sincerely,

TRC

Anju Farfan
QMS Operations Manager

CC: Mr. Daniel Davis, Delta Environmental (2 copies)

Enclosures
20-0400/5760R07.QMS

21 Technology Drive • Irvine, California 92618
Main: 949-727-9336 • Fax: 949-727-7399
www.trcsolutions.com

TRC

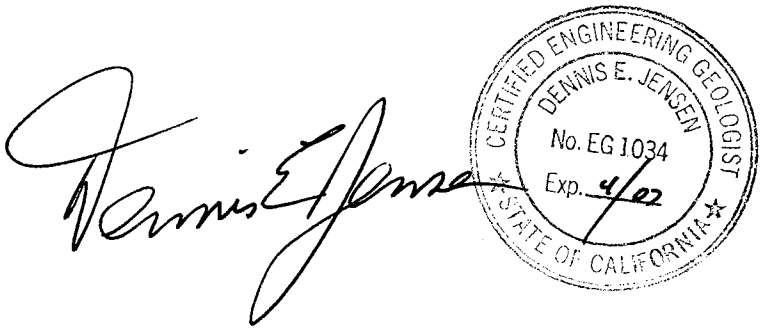
# SEMI-ANNUAL MONITORING REPORT
# JULY THROUGH SEPTEMBER 2006

76 STATION 5760
376 Lewelling Boulevard
San Lorenzo, California

Prepared For:

Mr. Thomas H. Kosel
CONOCOPHILLIPS COMPANY
76 Broadway
Sacramento, California 95818

By:




Senior Project Geologist, Irvine Operations
August 7, 2006

21 Technology Drive • Irvine, California 92618
Main: 949-727-9336 • Fax: 949-727-7399
www.trcsolutions.com

| LIST OF ATTACHMENTS | |
|---|---|
| Summary Sheet | Summary of Gauging and Sampling Activities |
| Tables | Table Key<br>Contents of Tables<br>Table 1: Current Fluid Levels and Selected Analytical Results<br>Table 1a: Additional Current Analytical Results<br>Table 2: Historic Fluid Levels and Selected Analytical Results<br>Table 2a: Additional Historic Analytical Results |
| Figures | Figure 1: Vicinity Map<br>Figure 2: Groundwater Elevation Contour Map<br>Figure 3: Dissolved-Phase TPH-G (GC/MS) Concentration Map<br>Figure 4: Dissolved-Phase Benzene Concentration Map<br>Figure 5: Dissolved-Phase MTBE Concentration Map |
| Graphs | Groundwater Elevations vs. Time<br>Benzene Concentrations vs. Time |
| Field Activities | General Field Procedures<br>Field Monitoring Data Sheet – 7/11/06<br>Groundwater Sampling Field Notes – 7/11/06 |
| Laboratory Reports | Official Laboratory Reports<br>Quality Control Reports<br>Chain of Custody Records |
| Statements | Purge Water Disposal<br>Limitations |

# Summary of Gauging and Sampling Activities
# April through September 2006
# 76 Station 5760
# 376 Lewelling Road
# San Lorenzo, CA

Project Coordinator: **Thomas H. Kosel**
Telephone: **916-558-7666**
Water Sampling Contractor: ***TRC***
Compiled by: **Daniel Lee**
Date(s) of Gauging/Sampling Event: **07/11/06**

## Sample Points

Groundwater wells: **4** onsite, **5** offsite Wells gauged: **9** Wells sampled: **4**
Purging method: **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: **12.84 feet** Maximum: **16.15 feet**
Average groundwater elevation (relative to available local datum): **24.69 feet**
Average change in groundwater elevation since previous event: **-0.36 feet**
Interpreted groundwater gradient and flow direction:
Current event: **0.004 ft/ft, southwest**
Previous event: ***see notes (01/20/06)**

## Selected Laboratory Results

Wells with detected **Benzene:** **0** Wells above MCL (1.0 µg/l): **n/a**
Maximum reported benzene concentration: **n/a**

Wells with **TPH-G by GC/MS** **2** Maximum: **9,200 µg/l (U-1)**
Wells with **MTBE** **0**

## Notes:

*Previous groundwater gradient is 0.005 ft/ft southwest to 0.010 ft/ft southeast.
U-2=Monitored Only, U-4=Monitored Only, U-5=Sampled Q1 only, U-8=Sampled Q1 only, U-9=Sampled Q1 only,

# TABLES

# TABLE KEY

STANDARD ABBREVIATIONS

| | | |
|---|---|---|
| -- | = | not analyzed, measured, or collected |
| LPH | = | liquid-phase hydrocarbons |
| Trace | = | less than 0.01 foot of LPH in well |
| µg/l | = | micrograms per liter (approx. equivalent to parts per billion, ppb) |
| mg/l | = | milligrams per liter (approx. equivalent to parts per million, ppm) |
| ND< | = | not detected at or above laboratory detection limit |
| TOC | = | top of casing (surveyed reference elevation) |

ANALYTES

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

NOTES

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

REFERENCE

TRC began groundwater monitoring and sampling for 76 Station 5760 in October 2003. Historical data compiled prior to that time were provided by Gettler-Ryan Inc.

# Contents of Tables
# Site: 76 Station 5760

## Current Event



## Historic Data

**Table 1**

**CURRENT FLUID LEVELS AND SELECTED ANALYTICAL RESULTS**

**July 11, 2006**

**76 Station 5760**

| 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) | |
| **U-1** | | **(Screen Interval in feet: 10.5-30.5)** | | | | | | | | | | | | |
| 7/11/2006 | 40.20 | 15.01 | 0.00 | 25.19 | -0.35 | -- | 9200 | ND<50 | ND<50 | 680 | 2400 | -- | ND<50 | |
| **U-2** | | **(Screen Interval in feet: 15.0-30.0)** | | | | | | | | | | | | |
| 7/11/2006 | 41.26 | 16.15 | 0.00 | 25.11 | 0.09 | -- | -- | -- | -- | -- | -- | -- | -- | Monitored Only |
| **U-3** | | **(Screen Interval in feet: 15.0-25.0)** | | | | | | | | | | | | |
| 7/11/2006 | 39.26 | 14.52 | 0.00 | 24.74 | -0.38 | -- | 3800 | ND<5.0 | ND<5.0 | 190 | 420 | -- | ND<5.0 | |
| **U-4** | | **(Screen Interval in feet: 15.0-28.0)** | | | | | | | | | | | | |
| 7/11/2006 | 40.25 | 15.38 | 0.00 | 24.87 | -0.34 | -- | -- | -- | -- | -- | -- | -- | -- | Monitored Only |
| **U-5** | | **(Screen Interval in feet: 15.0-30.0)** | | | | | | | | | | | | |
| 7/11/2006 | 39.31 | 14.60 | 0.00 | 24.71 | -0.37 | -- | -- | -- | -- | -- | -- | -- | -- | Sampled Q1 only |
| **U-6** | | **(Screen Interval in feet: 13.0-28.0)** | | | | | | | | | | | | |
| 7/11/2006 | 37.68 | 13.23 | 0.00 | 24.45 | -0.47 | -- | ND<50 | ND<0.50 | ND<0.50 | ND<0.50 | ND<1.0 | -- | ND<0.50 | |
| **U-7** | | **(Screen Interval in feet: 15.0-35.0)** | | | | | | | | | | | | |
| 7/11/2006 | 37.11 | 12.84 | 0.00 | 24.27 | -0.51 | -- | ND<50 | ND<0.50 | ND<0.50 | ND<0.50 | ND<1.0 | -- | ND<0.50 | |
| **U-8** | | **(Screen Interval in feet: 15.0-30.0)** | | | | | | | | | | | | |
| 7/11/2006 | 38.57 | 13.94 | 0.00 | 24.63 | -0.43 | -- | -- | -- | -- | -- | -- | -- | -- | Sampled Q1 only |
| **U-9** | | **(Screen Interval in feet: 13.0-28.0)** | | | | | | | | | | | | |
| 7/11/2006 | 37.31 | 13.10 | 0.00 | 24.21 | -0.49 | -- | -- | -- | -- | -- | -- | -- | -- | Sampled Q1 only |

**Table 1 a**
**ADDITIONAL CURRENT ANALYTICAL RESULTS**
**76 Station 5760**

| Date Sampled | Ethanol (8260B) |
|---|---|
| | (µg/l) |
| **U-1** | |
| 7/11/2006 | ND<25000 |
| **U-3** | |
| 7/11/2006 | ND<2500 |
| **U-6** | |
| 7/11/2006 | ND<250 |
| **U-7** | |
| 7/11/2006 | ND<250 |

**Table 2**

**HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS**

**February 1988 Through July 2006**

**76 Station 5760**

| Date Sampled | TOC Elevation (feet) | Depth to Water (feet) | LPH Thickness (feet) | Ground-water Elevation (feet) | Change in Elevation (feet) | TPH-G (8015M) (µg/l) | TPH-G (GC/MS) (µg/l) | Benzene (µg/l) | Toluene (µg/l) | Ethyl-benzene (µg/l) | Total Xylenes (µg/l) | MTBE (8021B) (µg/l) | MTBE (8260B) (µg/l) | Comments |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **U-1** | **(Screen Interval in feet: 10.5-30.5)** | | | | | | | | | | | | | |
| 2/9/1988 | -- | -- | -- | -- | -- | 93000 | -- | 3600 | 11000 | -- | 20000 | -- | -- | |
| 3/20/1990 | -- | -- | -- | -- | -- | 36000 | -- | 2100 | 5500 | 1900 | 9300 | -- | -- | |
| 6/5/1990 | -- | -- | -- | -- | -- | 46000 | -- | 2300 | 5500 | 2500 | 11000 | -- | -- | |
| 8/24/1990 | -- | -- | -- | -- | -- | 27000 | -- | 1200 | 1800 | 1400 | 5500 | -- | -- | |
| 12/5/1990 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | Not sampled due to free product |
| 3/4/1991 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | Not sampled due to free product |
| 6/3/1991 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | Not sampled due to free product |
| 9/19/1991 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | Not sampled due to free product |
| 12/4/1991 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | Not sampled due to free product |
| 3/5/1992 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | Not sampled due to free product |
| 4/7/1992 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | Not sampled due to free product |
| 8/6/1992 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | Not sampled due to free product |
| 11/20/1992 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | Not sampled due to free product |
| 2/12/1993 | -- | -- | -- | -- | -- | 70000 | -- | 2200 | 8400 | 3100 | 18000 | -- | -- | |
| 6/4/1993 | 40.51 | 16.72 | 0.00 | 23.79 | -- | 35000 | -- | 1300 | 5700 | 900 | 9200 | -- | -- | |
| 9/9/1993 | 40.51 | 17.77 | 0.00 | 22.74 | -1.05 | 67000 | -- | 2900 | 18000 | 6200 | 32000 | -- | -- | |
| 12/2/1993 | 40.20 | 18.36 | 0.01 | 21.85 | -0.89 | -- | -- | -- | -- | -- | -- | -- | -- | Not sampled due to free product |

**Table 2**

**HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS**

**February 1988 Through July 2006**

**76 Station 5760**

| Date Sampled | TOC Elevation (feet) | Depth to Water (feet) | LPH Thickness (feet) | Ground-water Elevation (feet) | Change in Elevation (feet) | TPH-G (8015M) (µg/l) | TPH-G (GC/MS) (µg/l) | Benzene (µg/l) | Toluene (µg/l) | Ethyl-benzene (µg/l) | Total Xylenes (µg/l) | MTBE (8021B) (µg/l) | MTBE (8260B) (µg/l) | Comments |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **U-1 continued** | | | | | | | | | | | | | | |
| 3/9/1994 | 40.20 | 17.20 | 0.00 | 23.00 | 1.15 | 45000 | -- | 930 | 4100 | 2000 | 11000 | -- | -- | |
| 6/9/1994 | 40.20 | 17.42 | 0.00 | 22.78 | -0.22 | 59000 | -- | 5200 | 1300 | 5200 | 15000 | -- | -- | |
| 9/7/1994 | 40.20 | 18.17 | 0.00 | 22.03 | -0.75 | 41000 | -- | 1600 | 6200 | 3100 | 16000 | -- | -- | |
| 12/5/1994 | 40.20 | 16.67 | 0.00 | 23.53 | 1.50 | 1300 | -- | 55 | 20 | 16 | 330 | -- | -- | |
| 3/9/1995 | 40.20 | 15.82 | 0.00 | 24.38 | 0.85 | 49000 | -- | 860 | 3200 | 1900 | 10000 | 1500 | -- | |
| 6/13/1995 | 40.20 | 14.70 | 0.00 | 25.50 | 1.12 | 53000 | -- | 1400 | 5000 | 2500 | 14000 | 2800 | -- | |
| 9/12/1995 | 40.01 | 16.77 | 0.00 | 23.24 | -2.26 | 43000 | -- | 910 | 2700 | 1700 | 9600 | 1400 | -- | |
| 12/14/1995 | 40.20 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | Inaccessible; system not running |
| 3/20/1996 | 40.20 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | Inaccessible; system not running |
| 3/22/1996 | 40.20 | -- | -- | -- | -- | 13000 | -- | 200 | 590 | 640 | 4000 | 790 | -- | |
| 9/24/1996 | 40.20 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | Inaccessible; system not running |
| 3/27/1997 | 40.20 | 15.29 | 0.00 | 24.91 | -- | 1300 | -- | 8 | ND | ND | 400 | ND | -- | |
| 9/23/1997 | 40.20 | 17.20 | 0.00 | 23.00 | -1.91 | 2000 | -- | 15 | ND | ND | 530 | ND | -- | |
| 3/10/1998 | 40.20 | 12.68 | 0.00 | 27.52 | 4.52 | 2200 | -- | 19 | 4.8 | ND | 980 | 38 | -- | |
| 9/4/1998 | 40.20 | 16.84 | 0.00 | 23.36 | -4.16 | 5300 | -- | 53 | ND | 410 | 620 | ND | -- | |
| 3/4/1999 | 40.20 | 13.04 | 0.00 | 27.16 | 3.80 | 1500 | -- | 19 | ND | 56 | 110 | 310 | -- | |
| 9/13/1999 | 40.20 | 17.14 | 0.00 | 23.06 | -4.10 | 5850 | -- | 32.7 | ND | 520 | 925 | ND | -- | |
| 3/21/2000 | 40.20 | 14.36 | 0.00 | 25.84 | 2.78 | 4820 | -- | 17.4 | 7.74 | 297 | 1370 | ND | -- | |
| 9/18/2000 | 40.20 | 16.72 | 0.00 | 23.48 | -2.36 | 647 | -- | 6.44 | ND | 22.3 | 6.86 | 22.2 | -- | |
| 10/13/2000 | 40.20 | 16.85 | 0.00 | 23.35 | -0.13 | -- | -- | -- | -- | -- | -- | -- | 29 | |
| 3/16/2001 | 40.20 | 15.84 | 0.00 | 24.36 | 1.01 | 4950 | -- | 1.73 | 1.77 | 429 | 536 | 613 | -- | |
| 9/4/2001 | 40.20 | 17.16 | 0.00 | 23.04 | -1.32 | 11000 | -- | 25 | ND<10 | 1100 | 1800 | 370 | -- | |

**Table 2**

**HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS**

**February 1988 Through July 2006**

**76 Station 5760**

| Date Sampled | TOC Elevation (feet) | Depth to Water (feet) | LPH Thickness (feet) | Ground-water Elevation (feet) | Change in Elevation (feet) | TPH-G (8015M) (µg/l) | TPH-G (GC/MS) (µg/l) | Benzene (µg/l) | Toluene (µg/l) | Ethyl-benzene (µg/l) | Total Xylenes (µg/l) | MTBE (8021B) (µg/l) | MTBE (8260B) (µg/l) | Comments |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **U-1 continued** | | | | | | | | | | | | | | |
| 3/18/2002 | 40.20 | 15.60 | -- | 24.60 | 1.56 | 8100 | -- | ND<20 | ND<20 | 740 | 1300 | ND<200 | -- | |
| 9/17/2002 | 40.20 | 17.35 | 0.00 | 22.85 | -1.75 | -- | 4200 | ND<2.5 | ND<2.5 | 120 | 43 | -- | 280 | |
| 3/28/2003 | 40.20 | 15.72 | 0.00 | 24.48 | 1.63 | -- | 560 | ND<0.50 | ND<0.50 | 0.96 | ND<1.0 | -- | 69 | |
| 9/5/2003 | 40.20 | 16.77 | -- | 23.43 | -1.05 | -- | ND<50 | ND<0.50 | ND<0.50 | ND<0.50 | ND<1.0 | -- | ND<2 | |
| 3/4/2004 | 40.20 | 14.64 | 0.00 | 25.56 | 2.13 | -- | 20000 | ND<20 | ND<20 | 1900 | 8300 | -- | ND<80 | |
| 9/9/2004 | 40.20 | 16.64 | 0.00 | 23.56 | -2.00 | -- | 22000 | ND<20 | ND<20 | 1800 | 6100 | -- | ND<20 | |
| 3/1/2005 | 40.20 | 14.70 | 0.00 | 25.50 | 1.94 | -- | 25000 | ND<13 | ND<13 | 1900 | 6800 | -- | ND<13 | |
| 8/2/2005 | 40.20 | 15.44 | 0.00 | 24.76 | -0.74 | -- | 11000 | ND<10 | ND<10 | 780 | 2600 | -- | ND<10 | |
| 1/20/2006 | 40.20 | 14.66 | 0.00 | 25.54 | 0.78 | -- | 65000 | 5.0 | ND<0.50 | 5000 | 18000 | -- | 2.6 | |
| 7/11/2006 | 40.20 | 15.01 | 0.00 | 25.19 | -0.35 | -- | 9200 | ND<50 | ND<50 | 680 | 2400 | -- | ND<50 | |
| **U-2** | **(Screen Interval in feet: 15.0-30.0)** | | | | | | | | | | | | | |
| 8/23/1990 | -- | -- | -- | -- | -- | ND | -- | ND | ND | ND | ND | -- | -- | |
| 12/5/1990 | -- | -- | -- | -- | -- | ND | -- | ND | ND | ND | ND | -- | -- | |
| 3/4/1991 | -- | -- | -- | -- | -- | ND | -- | ND | 0.9 | ND | 2.6 | -- | -- | |
| 6/3/1991 | -- | -- | -- | -- | -- | ND | -- | ND | ND | ND | ND | -- | -- | |
| 9/19/1991 | -- | -- | -- | -- | -- | ND | -- | ND | ND | ND | ND | -- | -- | |
| 12/4/1991 | -- | -- | -- | -- | -- | ND | -- | ND | ND | ND | ND | -- | -- | |
| 3/5/1992 | -- | -- | -- | -- | -- | ND | -- | ND | 0.36 | ND | ND | -- | -- | |
| 4/7/1992 | -- | -- | -- | -- | -- | ND | -- | ND | ND | ND | ND | -- | -- | |
| 8/6/1992 | -- | -- | -- | -- | -- | ND | -- | ND | ND | ND | ND | -- | -- | |
| 11/20/1992 | -- | -- | -- | -- | -- | ND | -- | ND | ND | ND | ND | -- | -- | |
| 2/12/1993 | -- | -- | -- | -- | -- | ND | -- | ND | ND | ND | ND | -- | -- | |
| 6/4/1993 | 41.62 | 17.59 | 0.00 | 24.03 | -- | ND | -- | ND | ND | ND | ND | -- | -- | |
| 9/9/1993 | 41.62 | 18.68 | 0.00 | 22.94 | -1.09 | ND | -- | ND | ND | ND | ND | -- | -- | |

**Table 2**

**HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS**

**February 1988 Through July 2006**

**76 Station 5760**

| Date Sampled | TOC Elevation (feet) | Depth to Water (feet) | LPH Thickness (feet) | Ground-water Elevation (feet) | Change in Elevation (feet) | TPH-G (8015M) (µg/l) | TPH-G (GC/MS) (µg/l) | Benzene (µg/l) | Toluene (µg/l) | Ethyl-benzene (µg/l) | Total Xylenes (µg/l) | MTBE (8021B) (µg/l) | MTBE (8260B) (µg/l) | Comments |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **U-2 continued** | | | | | | | | | | | | | | |
| 12/2/1993 | 41.26 | 19.23 | 0.00 | 22.03 | -0.91 | ND | -- | ND | ND | ND | ND | -- | -- | |
| 3/9/1994 | 41.26 | 18.05 | 0.00 | 23.21 | 1.18 | 62 | -- | 1.1 | 5.4 | 1.1 | 9.7 | -- | -- | |
| 4/13/1994 | 41.26 | 18.18 | 0.00 | 23.08 | -0.13 | ND | -- | ND | ND | ND | ND | -- | -- | |
| 6/9/1994 | 41.26 | 18.26 | 0.00 | 23.00 | -0.08 | ND | -- | ND | ND | ND | ND | -- | -- | |
| 9/7/1994 | 41.26 | 19.28 | 0.00 | 21.98 | -1.02 | ND | -- | ND | 0.63 | ND | 0.61 | -- | -- | |
| 12/5/1994 | 41.26 | 18.82 | 0.00 | 22.44 | 0.46 | ND | -- | ND | ND | ND | ND | -- | -- | |
| 3/9/1995 | 41.26 | 16.96 | 0.00 | 24.30 | 1.86 | ND | -- | ND | ND | ND | ND | ND | -- | |
| 6/13/1995 | 41.26 | 16.71 | 0.00 | 24.55 | 0.25 | ND | -- | ND | ND | ND | ND | ND | -- | |
| 9/12/1995 | 41.26 | 17.80 | 0.00 | 23.46 | -1.09 | ND | -- | ND | ND | ND | ND | ND | -- | |
| 12/14/1995 | 41.26 | 18.18 | 0.00 | 23.08 | -0.38 | ND | -- | ND | ND | ND | ND | ND | -- | |
| 3/20/1996 | 41.26 | 15.02 | 0.00 | 26.24 | 3.16 | -- | -- | -- | -- | -- | -- | -- | -- | |
| 9/24/1996 | 41.26 | 17.90 | 0.00 | 23.36 | -2.88 | -- | -- | -- | -- | -- | -- | -- | -- | |
| 3/27/1997 | 41.26 | 16.45 | 0.00 | 24.81 | 1.45 | ND | -- | ND | ND | ND | ND | ND | -- | |
| 9/23/1997 | 41.26 | 18.40 | 0.00 | 22.86 | -1.95 | -- | -- | -- | -- | -- | -- | -- | -- | |
| 3/10/1998 | 41.26 | 13.79 | 0.00 | 27.47 | 4.61 | ND | -- | ND | ND | ND | ND | ND | -- | |
| 9/4/1998 | 41.26 | 17.98 | 0.00 | 23.28 | -4.19 | -- | -- | -- | -- | -- | -- | -- | -- | |
| 3/4/1999 | 41.26 | 14.96 | 0.00 | 26.30 | 3.02 | ND | -- | ND | ND | ND | ND | ND | -- | |
| 9/13/1999 | 41.26 | 18.25 | 0.00 | 23.01 | -3.29 | -- | -- | -- | -- | -- | -- | -- | -- | |
| 3/21/2000 | 41.26 | 15.54 | 0.00 | 25.72 | 2.71 | ND | -- | ND | ND | ND | ND | ND | -- | |
| 9/18/2000 | 41.26 | 17.55 | 0.00 | 23.71 | -2.01 | -- | -- | -- | -- | -- | -- | -- | -- | |
| 3/16/2001 | 41.26 | 17.06 | 0.00 | 24.20 | 0.49 | -- | -- | -- | -- | -- | -- | -- | -- | |
| 9/4/2001 | 41.26 | 18.39 | 0.00 | 22.87 | -1.33 | -- | -- | -- | -- | -- | -- | -- | -- | |
| 3/18/2002 | 41.26 | 16.87 | -- | 24.39 | 1.52 | -- | -- | -- | -- | -- | -- | -- | -- | |
| 9/17/2002 | 41.26 | 18.33 | 0.00 | 22.93 | -1.46 | -- | -- | -- | -- | -- | -- | -- | -- | |

**Table 2**

**HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS**

**February 1988 Through July 2006**

**76 Station 5760**

| Date Sampled | TOC Elevation (feet) | Depth to Water (feet) | LPH Thickness (feet) | Ground-water Elevation (feet) | Change in Elevation (feet) | TPH-G (8015M) (µg/l) | TPH-G (GC/MS) (µg/l) | Benzene (µg/l) | Toluene (µg/l) | Ethyl-benzene (µg/l) | Total Xylenes (µg/l) | MTBE (8021B) (µg/l) | MTBE (8260B) (µg/l) | Comments |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **U-2 continued** | | | | | | | | | | | | | | |
| 3/28/2003 | 41.26 | 16.95 | 0.00 | 24.31 | 1.38 | -- | -- | -- | -- | -- | -- | -- | -- | |
| 9/5/2003 | 41.26 | 18.00 | 0.00 | 23.26 | -1.05 | -- | -- | -- | -- | -- | -- | -- | -- | Monitored Only |
| 3/4/2004 | 41.26 | 16.17 | 0.00 | 25.09 | 1.83 | -- | -- | -- | -- | -- | -- | -- | -- | Monitored Only |
| 9/9/2004 | 41.26 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | Inaccessible-car parked on well |
| 3/1/2005 | 41.26 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | Car parked on well |
| 8/2/2005 | 41.26 | 16.62 | 0.00 | 24.64 | -- | -- | -- | -- | -- | -- | -- | -- | -- | Monitored only |
| 1/20/2006 | 41.26 | 16.24 | 0.00 | 25.02 | 0.38 | -- | -- | -- | -- | -- | -- | -- | -- | Monitored only |
| 7/11/2006 | 41.26 | 16.15 | 0.00 | 25.11 | 0.09 | -- | -- | -- | -- | -- | -- | -- | -- | Monitored Only |
| **U-3** | **(Screen Interval in feet: 15.0-25.0)** | | | | | | | | | | | | | |
| 8/23/1990 | -- | -- | -- | -- | -- | 110000 | -- | 4400 | 13000 | 2800 | 17000 | -- | -- | |
| 12/5/1990 | -- | -- | -- | -- | -- | 69000 | -- | 1900 | 3500 | 1600 | 9800 | -- | -- | |
| 1/18/1991 | -- | -- | -- | -- | -- | 51000 | -- | 1700 | 3100 | 1500 | 7500 | -- | -- | |
| 3/4/1991 | -- | -- | -- | -- | -- | 84000 | -- | 1400 | 10000 | 2900 | 17000 | -- | -- | |
| 6/3/1991 | -- | -- | -- | -- | -- | 130000 | -- | 5800 | 19000 | 4600 | 24000 | -- | -- | |
| 9/19/1991 | -- | -- | -- | -- | -- | 61000 | -- | 3300 | 9700 | 2800 | 15000 | -- | -- | |
| 12/4/1991 | -- | -- | -- | -- | -- | 75000 | -- | 2500 | 6100 | 1900 | 11000 | -- | -- | |
| 3/5/1992 | -- | -- | -- | -- | -- | 160000 | -- | 5300 | 15000 | 5400 | 26000 | -- | -- | |
| 4/7/1992 | -- | -- | -- | -- | -- | 97000 | -- | 6100 | 16000 | 5400 | 28000 | -- | -- | |
| 8/6/1992 | -- | -- | -- | -- | -- | 140000 | -- | 5100 | 13000 | 5000 | 23000 | -- | -- | |
| 11/20/1992 | -- | -- | -- | -- | -- | 50000 | -- | 3200 | 4700 | 1900 | 10000 | -- | -- | |
| 2/12/1993 | -- | -- | -- | -- | -- | 80000 | -- | 3700 | 9400 | 3700 | 18000 | -- | -- | |
| 6/4/1993 | 39.64 | 15.48 | 0.00 | 24.16 | -- | 92000 | -- | 2900 | 8700 | 4300 | 20000 | -- | -- | |
| 9/9/1993 | 39.64 | 17.04 | 0.00 | 22.60 | -1.56 | 110000 | -- | 2800 | 10000 | 6500 | 31000 | -- | -- | |

**Table 2**

**HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS**

**February 1988 Through July 2006**

**76 Station 5760**

| Date Sampled | TOC Elevation (feet) | Depth to Water (feet) | LPH Thickness (feet) | Ground-water Elevation (feet) | Change in Elevation (feet) | TPH-G (8015M) (µg/l) | TPH-G (GC/MS) (µg/l) | Benzene (µg/l) | Toluene (µg/l) | Ethyl-benzene (µg/l) | Total Xylenes (µg/l) | MTBE (8021B) (µg/l) | MTBE (8260B) (µg/l) | Comments |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **U-3 continued** | | | | | | | | | | | | | | |
| 12/2/1993 | 39.26 | 17.55 | 0.00 | 21.71 | -0.89 | 110000 | -- | 3200 | 7700 | 5600 | 26000 | -- | -- | |
| 3/9/1994 | 39.26 | 16.35 | 0.00 | 22.91 | 1.20 | 120000 | -- | 4500 | 8300 | 5600 | 28000 | -- | -- | |
| 6/9/1994 | 39.26 | 16.60 | 0.00 | 22.66 | -0.25 | 120000 | -- | 3300 | 6100 | 5200 | 26000 | -- | -- | |
| 9/7/1994 | 39.26 | 17.61 | 0.00 | 21.65 | -1.01 | 100000 | -- | 2400 | 4900 | 4200 | 21000 | -- | -- | |
| 12/5/1994 | 39.26 | 17.08 | 0.00 | 22.18 | 0.53 | 140000 | -- | 3100 | 5100 | 4900 | 21000 | -- | -- | |
| 3/9/1995 | 39.26 | 15.20 | 0.00 | 24.06 | 1.88 | 100000 | -- | 2300 | 3300 | 4800 | 21000 | 54000 | -- | |
| 6/13/1995 | 39.26 | 15.11 | 0.00 | 24.15 | 0.09 | 64000 | -- | 1700 | 1500 | 3800 | 18000 | 900 | -- | |
| 9/12/1995 | 39.26 | 16.11 | 0.00 | 23.15 | -1.00 | 69000 | -- | 1700 | 820 | 4000 | 19000 | 29000 | -- | |
| 12/14/1995 | 39.26 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | Inaccessible; system not running |
| 3/20/1996 | 39.26 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | Inaccessible; system not running |
| 3/22/1996 | 39.26 | -- | -- | -- | -- | 15000 | -- | 150 | 490 | 480 | 3100 | 400 | -- | |
| 9/24/1996 | 39.26 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | Inaccessible; system not running |
| 3/27/1997 | 39.26 | 14.77 | 0.00 | 24.49 | -- | 110 | -- | ND | ND | ND | 0.62 | 9.6 | -- | |
| 9/23/1997 | 39.26 | 16.74 | 0.00 | 22.52 | -1.97 | ND | -- | ND | ND | ND | ND | ND | -- | |
| 3/10/1998 | 39.26 | 12.18 | 0.00 | 27.08 | 4.56 | ND | -- | ND | ND | ND | 3.1 | ND | -- | |
| 9/4/1998 | 39.26 | 16.46 | 0.00 | 22.80 | -4.28 | ND | -- | ND | ND | 1.2 | 2.3 | ND | -- | |
| 3/4/1999 | 39.26 | 13.48 | 0.00 | 25.78 | 2.98 | ND | -- | ND | ND | ND | ND | ND | -- | |
| 9/13/1999 | 39.26 | 16.71 | 0.00 | 22.55 | -3.23 | ND | -- | ND | 1.77 | ND | 1.06 | 9.08 | -- | |
| 3/21/2000 | 39.26 | 13.87 | -- | 25.39 | 2.84 | 18700 | -- | ND | ND | 1290 | 4770 | ND | -- | |
| 9/18/2000 | 39.26 | 16.12 | 0.00 | 23.14 | -2.25 | ND | -- | ND | ND | ND | ND | ND | -- | |
| 3/16/2001 | 39.26 | 15.35 | 0.00 | 23.91 | 0.77 | 2310 | -- | ND | ND | 184 | 618 | ND | -- | |
| 9/4/2001 | 39.26 | 16.71 | 0.00 | 22.55 | -1.36 | 340 | -- | 0.95 | ND<0.50 | 8.1 | 18 | ND<5.0 | -- | |

**Table 2**

**HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS**

**February 1988 Through July 2006**

**76 Station 5760**

| Date Sampled | TOC Elevation (feet) | Depth to Water (feet) | LPH Thickness (feet) | Ground-water Elevation (feet) | Change in Elevation (feet) | TPH-G (8015M) (µg/l) | TPH-G (GC/MS) (µg/l) | Benzene (µg/l) | Toluene (µg/l) | Ethyl-benzene (µg/l) | Total Xylenes (µg/l) | MTBE (8021B) (µg/l) | MTBE (8260B) (µg/l) | Comments |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **U-3 continued** | | | | | | | | | | | | | | |
| 3/18/2002 | 39.26 | 15.11 | -- | 24.15 | 1.60 | 6500 | -- | ND<10 | ND<10 | 390 | 1400 | ND<100 | -- | |
| 9/17/2002 | 39.26 | 17.67 | 0.00 | 21.59 | -2.56 | -- | ND<50 | ND<0.50 | ND<0.50 | ND<0.50 | ND<1.0 | -- | 2.0 | |
| 3/28/2003 | 39.26 | 15.25 | 0.00 | 24.01 | 2.42 | -- | ND<50 | ND<0.50 | ND<0.50 | ND<0.50 | ND<1.0 | -- | ND<2.0 | |
| 9/5/2003 | 39.26 | 16.30 | 0.00 | 22.96 | -1.05 | -- | ND<50 | ND<0.50 | ND<0.50 | ND<0.50 | ND<1.0 | -- | ND<2.0 | |
| 3/4/2004 | 39.26 | 14.11 | 0.00 | 25.15 | 2.19 | -- | 14000 | ND<10 | ND<10 | 940 | 3500 | -- | ND<40 | |
| 9/9/2004 | 39.26 | 16.22 | 0.00 | 23.04 | -2.11 | -- | 1300 | ND<2.5 | ND<2.5 | 66 | 160 | -- | ND<2.5 | |
| 3/1/2005 | 39.26 | 14.18 | 0.00 | 25.08 | 2.04 | -- | 14000 | ND<5.0 | ND<5.0 | 690 | 2000 | -- | ND<5.0 | |
| 8/2/2005 | 39.26 | 14.93 | 0.00 | 24.33 | -0.75 | -- | 6300 | ND<2.5 | ND<2.5 | 320 | 970 | -- | ND<2.5 | |
| 1/20/2006 | 39.26 | 14.14 | 0.00 | 25.12 | 0.79 | -- | 7600 | ND<0.50 | ND<0.50 | 390 | 890 | -- | ND<0.50 | |
| 7/11/2006 | 39.26 | 14.52 | 0.00 | 24.74 | -0.38 | -- | 3800 | ND<5.0 | ND<5.0 | 190 | 420 | -- | ND<5.0 | |
| **U-4** | **(Screen Interval in feet: 15.0-28.0)** | | | | | | | | | | | | | |
| 8/23/1990 | -- | -- | -- | -- | -- | ND | -- | ND | 1.0 | ND | 1.8 | -- | -- | |
| 12/5/1990 | -- | -- | -- | -- | -- | ND | -- | ND | ND | ND | ND | -- | -- | |
| 1/18/1991 | -- | -- | -- | -- | -- | ND | -- | ND | ND | ND | ND | -- | -- | |
| 3/4/1991 | -- | -- | -- | -- | -- | ND | -- | ND | ND | ND | ND | -- | -- | |
| 6/3/1991 | -- | -- | -- | -- | -- | ND | -- | ND | ND | ND | ND | -- | -- | |
| 9/19/1991 | -- | -- | -- | -- | -- | ND | -- | ND | ND | ND | ND | -- | -- | |
| 12/4/1991 | -- | -- | -- | -- | -- | ND | -- | ND | ND | ND | ND | -- | -- | |
| 3/5/1992 | -- | -- | -- | -- | -- | ND | -- | ND | ND | ND | ND | -- | -- | |
| 4/7/1992 | -- | -- | -- | -- | -- | ND | -- | ND | ND | ND | ND | -- | -- | |
| 8/6/1992 | -- | -- | -- | -- | -- | ND | -- | ND | ND | ND | ND | -- | -- | |
| 11/20/1992 | -- | -- | -- | -- | -- | ND | -- | ND | 2.5 | ND | ND | -- | -- | |
| 2/12/1993 | -- | -- | -- | -- | -- | ND | -- | ND | ND | ND | ND | -- | -- | |
| 6/4/1993 | 40.53 | 16.73 | 0.00 | 23.80 | -- | ND | -- | ND | ND | ND | ND | -- | -- | |

**Table 2**

**HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS**

**February 1988 Through July 2006**

**76 Station 5760**

| Date Sampled | TOC Elevation (feet) | Depth to Water (feet) | LPH Thickness (feet) | Ground-water Elevation (feet) | Change in Elevation (feet) | TPH-G (8015M) (µg/l) | TPH-G (GC/MS) (µg/l) | Benzene (µg/l) | Toluene (µg/l) | Ethyl-benzene (µg/l) | Total Xylenes (µg/l) | MTBE (8021B) (µg/l) | MTBE (8260B) (µg/l) | Comments |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **U-4 continued** | | | | | | | | | | | | | | |
| 9/9/1993 | 40.53 | 16.89 | 0.00 | 23.64 | -0.16 | ND | -- | ND | ND | ND | ND | -- | -- | |
| 12/2/1993 | 40.25 | 18.46 | 0.00 | 21.79 | -1.85 | ND | -- | ND | ND | ND | 2.6 | -- | -- | |
| 3/9/1994 | 40.25 | 17.30 | 0.00 | 22.95 | 1.16 | ND | -- | 1.4 | 4.7 | 1.1 | 8.1 | -- | -- | |
| 4/13/1994 | 40.25 | 17.44 | 0.00 | 22.81 | -0.14 | ND | -- | ND | ND | ND | ND | -- | -- | |
| 6/9/1994 | 40.25 | 17.53 | 0.00 | 22.72 | -0.09 | ND | -- | ND | ND | ND | ND | -- | -- | |
| 9/7/1994 | 40.28 | 18.52 | 0.00 | 21.76 | -0.96 | ND | -- | ND | 1.1 | ND | 1.0 | -- | -- | |
| 12/5/1994 | 40.28 | 18.08 | 0.00 | 22.20 | 0.44 | ND | -- | ND | ND | ND | ND | -- | -- | |
| 3/9/1995 | 40.28 | 16.16 | 0.00 | 24.12 | 1.92 | ND | -- | ND | ND | ND | ND | ND | -- | |
| 6/13/1995 | 40.25 | 15.95 | 0.00 | 24.30 | 0.18 | ND | -- | ND | ND | ND | ND | 2.7 | -- | |
| 9/12/1995 | 40.25 | 17.10 | 0.00 | 23.15 | -1.15 | ND | -- | ND | ND | ND | ND | ND | -- | |
| 12/14/1995 | 40.25 | 17.43 | 0.00 | 22.82 | -0.33 | ND | -- | ND | ND | ND | ND | 1.3 | -- | |
| 3/20/1996 | 40.25 | 14.93 | 0.00 | 25.32 | 2.50 | -- | -- | -- | -- | -- | -- | -- | -- | |
| 9/24/1996 | 40.25 | 17.19 | 0.00 | 23.06 | -2.26 | -- | -- | -- | -- | -- | -- | -- | -- | |
| 3/27/1997 | 40.25 | 15.66 | 0.00 | 24.59 | 1.53 | ND | -- | ND | ND | ND | ND | ND | -- | |
| 9/23/1997 | 40.25 | 17.69 | 0.00 | 22.56 | -2.03 | -- | -- | -- | -- | -- | -- | -- | -- | |
| 3/10/1998 | 40.25 | 12.99 | 0.00 | 27.26 | 4.70 | ND | -- | ND | ND | ND | ND | ND | -- | |
| 9/4/1998 | 40.25 | 17.28 | 0.00 | 22.97 | -4.29 | -- | -- | -- | -- | -- | -- | -- | -- | |
| 3/4/1999 | 40.25 | 14.17 | 0.00 | 26.08 | 3.11 | ND | -- | ND | ND | ND | ND | ND | -- | |
| 9/13/1999 | 40.25 | 17.55 | 0.00 | 22.70 | -3.38 | -- | -- | -- | -- | -- | -- | -- | -- | |
| 3/21/2000 | 40.25 | 14.74 | 0.00 | 25.51 | 2.81 | ND | -- | ND | ND | ND | ND | ND | -- | |
| 9/18/2000 | 40.25 | 16.88 | 0.00 | 23.37 | -2.14 | -- | -- | -- | -- | -- | -- | -- | -- | |
| 3/16/2001 | 40.25 | 16.32 | 0.00 | 23.93 | 0.56 | -- | -- | -- | -- | -- | -- | -- | -- | |
| 9/4/2001 | 40.25 | 17.70 | 0.00 | 22.55 | -1.38 | -- | -- | -- | -- | -- | -- | -- | -- | |
| 3/18/2002 | 40.25 | 16.08 | -- | 24.17 | 1.62 | -- | -- | -- | -- | -- | -- | -- | -- | |

**Table 2**

**HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS**

**February 1988 Through July 2006**

**76 Station 5760**

| Date Sampled | TOC Elevation (feet) | Depth to Water (feet) | LPH Thickness (feet) | Ground-water Elevation (feet) | Change in Elevation (feet) | TPH-G (8015M) (µg/l) | TPH-G (GC/MS) (µg/l) | Benzene (µg/l) | Toluene (µg/l) | Ethyl-benzene (µg/l) | Total Xylenes (µg/l) | MTBE (8021B) (µg/l) | MTBE (8260B) (µg/l) | Comments |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **U-4 continued** | | | | | | | | | | | | | | |
| 9/17/2002 | 40.25 | 16.56 | 0.00 | 23.69 | -0.48 | -- | -- | -- | -- | -- | -- | -- | -- | |
| 3/28/2003 | 40.25 | 16.15 | 0.00 | 24.10 | 0.41 | -- | -- | -- | -- | -- | -- | -- | -- | |
| 9/5/2003 | 40.25 | 17.20 | 0.00 | 23.05 | -1.05 | -- | -- | -- | -- | -- | -- | -- | -- | Monitored Only |
| 3/4/2004 | 40.25 | 15.39 | 0.00 | 24.86 | 1.81 | -- | -- | -- | -- | -- | -- | -- | -- | Monitored Only |
| 9/9/2004 | 40.25 | 16.98 | 0.00 | 23.27 | -1.59 | -- | -- | -- | -- | -- | -- | -- | -- | Monitored Only |
| 3/1/2005 | 40.25 | 14.97 | 0.00 | 25.28 | 2.01 | -- | -- | -- | -- | -- | -- | -- | -- | Monitor Only |
| 8/2/2005 | 40.25 | 15.82 | 0.00 | 24.43 | -0.85 | -- | -- | -- | -- | -- | -- | -- | -- | Monitored Only |
| 1/20/2006 | 40.25 | 15.04 | 0.00 | 25.21 | 0.78 | -- | -- | -- | -- | -- | -- | -- | -- | Monitored only |
| 7/11/2006 | 40.25 | 15.38 | 0.00 | 24.87 | -0.34 | -- | -- | -- | -- | -- | -- | -- | -- | Monitored Only |
| **U-5** | **(Screen Interval in feet: 15.0-30.0)** | | | | | | | | | | | | | |
| 4/7/1992 | -- | -- | -- | -- | -- | ND | -- | ND | ND | ND | ND | -- | -- | |
| 8/6/1992 | -- | -- | -- | -- | -- | ND | -- | ND | ND | ND | ND | -- | -- | |
| 11/20/1992 | -- | -- | -- | -- | -- | ND | -- | ND | ND | ND | ND | -- | -- | |
| 2/12/1993 | -- | -- | -- | -- | -- | ND | -- | ND | ND | ND | ND | -- | -- | |
| 6/4/1993 | 39.61 | 16.05 | 0.00 | 23.56 | -- | ND | -- | ND | ND | ND | ND | -- | -- | |
| 9/9/1993 | 39.61 | 16.90 | 0.00 | 22.71 | -0.85 | ND | -- | ND | ND | ND | ND | -- | -- | |
| 12/2/1993 | 39.31 | 17.66 | 0.00 | 21.65 | -1.06 | ND | -- | ND | ND | ND | ND | -- | -- | |
| 3/9/1994 | 39.31 | 16.45 | 0.00 | 22.86 | 1.21 | 71 | -- | 1.7 | 6.3 | 1.5 | 10 | -- | -- | |
| 4/13/1994 | 39.31 | 16.64 | 0.00 | 22.67 | -0.19 | ND | -- | ND | ND | ND | ND | -- | -- | |
| 6/9/1994 | 39.31 | 16.70 | 0.00 | 22.61 | -0.06 | ND | -- | ND | ND | ND | ND | -- | -- | |
| 9/7/1994 | 39.31 | 17.73 | 0.00 | 21.58 | -1.03 | ND | -- | ND | 0.73 | ND | 0.84 | -- | -- | |
| 12/5/1994 | 39.31 | 17.23 | 0.00 | 22.08 | 0.50 | ND | -- | ND | ND | ND | ND | -- | -- | |
| 3/9/1995 | 39.31 | 15.35 | 0.00 | 23.96 | 1.88 | ND | -- | ND | ND | ND | ND | ND | -- | |
| 6/13/1995 | 39.31 | 15.16 | 0.00 | 24.15 | 0.19 | ND | -- | ND | ND | ND | ND | 0.87 | -- | |

## Table 2
## HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS
## February 1988 Through July 2006
## 76 Station 5760

| Date Sampled | TOC Elevation (feet) | Depth to Water (feet) | LPH Thickness (feet) | Ground-water Elevation (feet) | Change in Elevation (feet) | TPH-G (8015M) (µg/l) | TPH-G (GC/MS) (µg/l) | Benzene (µg/l) | Toluene (µg/l) | Ethyl-benzene (µg/l) | Total Xylenes (µg/l) | MTBE (8021B) (µg/l) | MTBE (8260B) (µg/l) | Comments |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **U-5 continued** | | | | | | | | | | | | | | |
| 9/12/1995 | 39.31 | 16.30 | 0.00 | 23.01 | -1.14 | ND | -- | ND | ND | ND | ND | ND | -- | |
| 12/14/1995 | 39.31 | 16.56 | 0.00 | 22.75 | -0.26 | ND | -- | ND | ND | ND | ND | ND | -- | |
| 3/20/1996 | 39.31 | 14.07 | 0.00 | 25.24 | 2.49 | -- | -- | -- | -- | -- | -- | -- | -- | |
| 9/24/1996 | 39.31 | 16.55 | 0.00 | 22.76 | -2.48 | -- | -- | -- | -- | -- | -- | -- | -- | |
| 3/27/1997 | 39.31 | 14.85 | 0.00 | 24.46 | 1.70 | ND | -- | ND | ND | ND | ND | ND | -- | |
| 9/23/1997 | 39.31 | 16.90 | 0.00 | 22.41 | -2.05 | -- | -- | -- | -- | -- | -- | -- | -- | Sampled annually |
| 3/10/1998 | 39.31 | 12.21 | 0.00 | 27.10 | 4.69 | ND | -- | ND | ND | ND | ND | ND | -- | |
| 9/4/1998 | 39.31 | 16.57 | 0.00 | 22.74 | -4.36 | -- | -- | -- | -- | -- | -- | -- | -- | |
| 3/4/1999 | 39.31 | 13.42 | 0.00 | 25.89 | 3.15 | ND | -- | ND | 0.67 | ND | ND | ND | -- | |
| 9/13/1999 | 39.31 | 17.02 | 0.00 | 22.29 | -3.60 | -- | -- | -- | -- | -- | -- | -- | -- | |
| 3/21/2000 | 39.31 | 13.93 | 0.00 | 25.38 | 3.09 | ND | -- | ND | ND | ND | ND | ND | -- | |
| 9/18/2000 | 39.31 | 16.17 | 0.00 | 23.14 | -2.24 | -- | -- | -- | -- | -- | -- | -- | -- | |
| 3/16/2001 | 39.31 | 15.51 | 0.00 | 23.80 | 0.66 | ND | -- | ND | ND | ND | ND | ND | -- | |
| 9/4/2001 | 39.31 | 16.88 | 0.00 | 22.43 | -1.37 | -- | -- | -- | -- | -- | -- | -- | -- | |
| 3/18/2002 | 39.31 | 15.25 | -- | 24.06 | 1.63 | ND<50 | -- | ND<0.50 | ND<0.50 | ND<0.50 | ND<0.50 | ND<5.0 | -- | |
| 9/17/2002 | 39.31 | 16.71 | 0.00 | 22.60 | -1.46 | -- | -- | -- | -- | -- | -- | -- | -- | Sampled annually |
| 3/28/2003 | 39.31 | 15.21 | 0.00 | 24.10 | 1.50 | -- | ND<50 | ND<0.50 | ND<0.50 | ND<0.50 | ND<1.0 | -- | ND<2.0 | |
| 9/5/2003 | 39.31 | 16.26 | 0.00 | 23.05 | -1.05 | -- | -- | -- | -- | -- | -- | -- | -- | Sampled annually |
| 3/4/2004 | 39.31 | 14.79 | 0.00 | 24.52 | 1.47 | -- | ND<50 | ND<0.50 | ND<0.50 | ND<0.50 | ND<1.0 | -- | ND<2.0 | |
| 9/9/2004 | 39.31 | 16.30 | 0.00 | 23.01 | -1.51 | -- | -- | -- | -- | -- | -- | -- | -- | Monitored Only |
| 3/1/2005 | 39.31 | 14.38 | 0.00 | 24.93 | 1.92 | -- | ND<50 | ND<0.50 | ND<0.50 | 0.53 | 2.0 | -- | ND<0.50 | |
| 8/2/2005 | 39.31 | 15.02 | 0.00 | 24.29 | -0.64 | -- | -- | -- | -- | -- | -- | -- | -- | Sampled Annually |
| 1/20/2006 | 39.31 | 14.23 | 0.00 | 25.08 | 0.79 | -- | ND<50 | ND<0.50 | ND<0.50 | ND<0.50 | ND<1.0 | -- | ND<0.50 | |
| 7/11/2006 | 39.31 | 14.60 | 0.00 | 24.71 | -0.37 | -- | -- | -- | -- | -- | -- | -- | -- | Sampled Q1 only |

## Table 2
## HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS
## February 1988 Through July 2006
## 76 Station 5760

| 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) | |
| **U-6** | **(Screen Interval in feet: 13.0-28.0)** | | | | | | | | | | | | | |
| 4/7/1992 | -- | -- | -- | -- | -- | 6600 | -- | 90 | ND | 820 | 1200 | -- | -- | |
| 8/6/1992 | -- | -- | -- | -- | -- | 9200 | -- | 160 | ND | 360 | 150 | -- | -- | |
| 11/20/1992 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | Inaccessible |
| 2/12/1993 | -- | -- | -- | -- | -- | 2600 | -- | 27 | ND | 120 | 51 | -- | -- | |
| 6/4/1993 | 37.94 | 14.45 | 0.00 | 23.49 | -- | 13000 | -- | 100 | 38 | 450 | 320 | -- | -- | |
| 9/9/1993 | 37.94 | 15.56 | 0.00 | 22.38 | -1.11 | 6300 | -- | 29 | ND | 120 | 34 | -- | -- | |
| 12/2/1993 | 37.68 | 16.08 | 0.00 | 21.60 | -0.78 | 2100 | -- | 12 | 1.6 | 21 | 1.1 | -- | -- | |
| 3/9/1994 | 37.68 | 14.90 | 0.00 | 22.78 | 1.18 | 2200 | -- | 11 | 8.2 | 24 | 16 | -- | -- | |
| 6/9/1994 | 37.68 | 15.18 | 0.00 | 22.50 | -0.28 | 2600 | -- | 16 | ND | 29 | ND | -- | -- | |
| 9/7/1994 | 37.68 | 16.20 | 0.00 | 21.48 | -1.02 | 16004 | -- | ND | ND | ND | ND | -- | -- | |
| 12/5/1994 | 37.68 | 15.60 | 0.00 | 22.08 | 0.60 | 450 | -- | ND | ND | ND | ND | -- | -- | |
| 3/9/1995 | 37.68 | 13.74 | 0.00 | 23.94 | 1.86 | 2500 | -- | 29 | ND | 70 | 120 | 320 | -- | |
| 6/13/1995 | 37.68 | 13.73 | 0.00 | 23.95 | 0.01 | 1300 | -- | ND | ND | 20 | 46 | 5400 | -- | |
| 9/12/1995 | 37.68 | 14.85 | 0.00 | 22.83 | -1.12 | ND | -- | ND | ND | ND | ND | 6600 | -- | |
| 12/14/1995 | 37.68 | 14.89 | 0.00 | 22.79 | -0.04 | 760 | -- | ND | ND | 7 | 8.4 | 1100 | -- | |
| 3/20/1996 | 37.68 | 12.41 | 0.00 | 25.27 | 2.48 | 52 | -- | 1.1 | 0.98 | ND | 0.75 | 1200 | -- | |
| 9/24/1996 | 37.68 | 15.06 | 0.00 | 22.62 | -2.65 | ND | -- | ND | ND | ND | ND | 750 | -- | |
| 3/27/1997 | 37.68 | 13.48 | 0.00 | 24.20 | 1.58 | ND | -- | ND | ND | ND | ND | 150 | -- | |
| 9/23/1997 | 37.68 | 15.36 | 0.00 | 22.32 | -1.88 | 66 | -- | 0.81 | ND | ND | ND | 150 | -- | |
| 3/10/1998 | 37.68 | 10.90 | 0.00 | 26.78 | 4.46 | ND | -- | ND | ND | ND | ND | 18 | -- | |
| 9/4/1998 | 37.68 | 14.85 | 0.00 | 22.83 | -3.95 | ND | -- | ND | ND | ND | ND | ND | -- | |
| 3/4/1999 | 37.68 | 12.10 | 0.00 | 25.58 | 2.75 | ND | -- | ND | ND | ND | ND | 6.5 | -- | |
| 9/13/1999 | 37.68 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | Inaccessible covered with asphalt |

**Table 2**
**HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS**
**February 1988 Through July 2006**
**76 Station 5760**

| Date Sampled | TOC Elevation (feet) | Depth to Water (feet) | LPH Thickness (feet) | Ground-water Elevation (feet) | Change in Elevation (feet) | TPH-G (8015M) (µg/l) | TPH-G (GC/MS) (µg/l) | Benzene (µg/l) | Toluene (µg/l) | Ethyl-benzene (µg/l) | Total Xylenes (µg/l) | MTBE (8021B) (µg/l) | MTBE (8260B) (µg/l) | Comments |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **U-6 continued** | | | | | | | | | | | | | | |
| 3/21/2000 | 37.68 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | Inaccessible covered with asphalt |
| 9/18/2000 | 37.68 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | Inaccessible covered with asphalt |
| 3/16/2001 | 37.68 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | Inaccessible covered with asphalt |
| 9/4/2001 | 37.68 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | Inaccessible covered with asphalt |
| 3/18/2002 | 37.68 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | Inaccessible covered with asphalt |
| 9/17/2002 | 37.68 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | Inaccessible covered with asphalt |
| 9/5/2003 | 37.68 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | Covered with asphalt |
| 3/4/2004 | 37.68 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | Covered with asphalt |
| 9/9/2004 | 37.68 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | Covered with asphalt |
| 3/1/2005 | 37.68 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | Unable to locate-Paved over |
| 9/8/2005 | 37.68 | 13.98 | 0.00 | 23.70 | -- | -- | ND<50 | ND<0.50 | ND<0.50 | ND<0.50 | ND<1.0 | -- | ND<0.50 | Paved over on 8/2/05 |
| 1/20/2006 | 37.68 | 12.76 | 0.00 | 24.92 | 1.22 | -- | ND<50 | ND<0.50 | ND<0.50 | ND<0.50 | ND<1.0 | -- | ND<0.50 | |
| 7/11/2006 | 37.68 | 13.23 | 0.00 | 24.45 | -0.47 | -- | ND<50 | ND<0.50 | ND<0.50 | ND<0.50 | ND<1.0 | -- | ND<0.50 | |
| **U-7** | **(Screen Interval in feet: 15.0-35.0)** | | | | | | | | | | | | | |
| 4/7/1992 | -- | -- | -- | -- | -- | ND | -- | ND | ND | ND | ND | -- | -- | |
| 8/6/1992 | -- | -- | -- | -- | -- | ND | -- | ND | ND | ND | ND | -- | -- | |
| 11/20/1992 | -- | -- | -- | -- | -- | ND | -- | ND | ND | ND | ND | -- | -- | |
| 2/12/1993 | -- | -- | -- | -- | -- | ND | -- | ND | ND | ND | ND | -- | -- | |
| 6/4/1993 | 37.49 | 14.17 | 0.00 | 23.32 | -- | ND | -- | ND | ND | ND | ND | -- | -- | |
| 9/9/1993 | 37.49 | 15.23 | 0.00 | 22.26 | -1.06 | ND | -- | ND | ND | ND | ND | -- | -- | |

**Table 2**

**HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS**

**February 1988 Through July 2006**

**76 Station 5760**

| Date Sampled | TOC Elevation (feet) | Depth to Water (feet) | LPH Thickness (feet) | Ground-water Elevation (feet) | Change in Elevation (feet) | TPH-G (8015M) (µg/l) | TPH-G (GC/MS) (µg/l) | Benzene (µg/l) | Toluene (µg/l) | Ethyl-benzene (µg/l) | Total Xylenes (µg/l) | MTBE (8021B) (µg/l) | MTBE (8260B) (µg/l) | Comments |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **U-7 continued** | | | | | | | | | | | | | | |
| 12/2/1993 | 37.11 | 15.61 | 0.00 | 21.50 | -0.76 | ND | -- | ND | ND | ND | ND | -- | -- | |
| 3/9/1994 | 37.11 | 14.45 | 0.00 | 22.66 | 1.16 | ND | -- | 1.4 | 4.4 | 0.96 | 7.5 | -- | -- | |
| 4/13/1994 | 37.11 | 14.63 | 0.00 | 22.48 | -0.18 | ND | -- | ND | ND | ND | ND | -- | -- | |
| 6/9/1994 | 37.11 | 14.70 | 0.00 | 22.41 | -0.07 | ND | -- | ND | ND | ND | ND | -- | -- | |
| 9/7/1994 | 37.11 | 15.72 | 0.00 | 21.39 | -1.02 | ND | -- | ND | ND | ND | ND | -- | -- | |
| 12/5/1994 | 37.11 | 15.10 | 0.00 | 22.01 | 0.62 | ND | -- | ND | ND | ND | ND | -- | -- | |
| 3/9/1995 | 37.11 | 13.36 | 0.00 | 23.75 | 1.74 | ND | -- | ND | ND | ND | ND | ND | -- | |
| 6/13/1995 | 37.11 | 13.33 | 0.00 | 23.78 | 0.03 | ND | -- | ND | ND | ND | ND | 3.5 | -- | |
| 9/12/1995 | 37.11 | 14.40 | 0.00 | 22.71 | -1.07 | ND | -- | ND | ND | ND | ND | ND | -- | |
| 12/14/1995 | 37.11 | 14.39 | 0.00 | 22.72 | 0.01 | ND | -- | ND | ND | ND | ND | 1.4 | -- | |
| 3/20/1996 | 37.11 | 11.96 | 0.00 | 25.15 | 2.43 | -- | -- | -- | -- | -- | -- | -- | -- | |
| 9/24/1996 | 37.11 | 14.59 | 0.00 | 22.52 | -2.63 | -- | -- | -- | -- | -- | -- | -- | -- | |
| 3/27/1997 | 37.11 | 13.08 | 0.00 | 24.03 | 1.51 | ND | -- | ND | ND | ND | ND | ND | -- | |
| 9/23/1997 | 37.11 | 14.90 | 0.00 | 22.21 | -1.82 | -- | -- | -- | -- | -- | -- | -- | -- | |
| 3/10/1998 | 37.11 | 10.46 | 0.00 | 26.65 | 4.44 | ND | -- | ND | ND | ND | ND | ND | -- | |
| 9/4/1998 | 37.11 | 14.42 | 0.00 | 22.69 | -3.96 | -- | -- | -- | -- | -- | -- | -- | -- | |
| 3/4/1999 | 37.11 | 11.64 | 0.00 | 25.47 | 2.78 | ND | -- | ND | ND | ND | ND | 6.6 | -- | |
| 9/13/1999 | 37.11 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | Inaccessible covered with asphalt |
| 3/21/2000 | 37.11 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | Inaccessible covered with asphalt |
| 9/18/2000 | 37.11 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | Inaccessible covered with asphalt |
| 3/16/2001 | 37.11 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | Inaccessible covered with asphalt |

## Table 2
## HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS
## February 1988 Through July 2006
## 76 Station 5760

| Date Sampled | TOC Elevation (feet) | Depth to Water (feet) | LPH Thickness (feet) | Ground-water Elevation (feet) | Change in Elevation (feet) | TPH-G (8015M) (µg/l) | TPH-G (GC/MS) (µg/l) | Benzene (µg/l) | Toluene (µg/l) | Ethyl-benzene (µg/l) | Total Xylenes (µg/l) | MTBE (8021B) (µg/l) | MTBE (8260B) (µg/l) | Comments |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **U-7 continued** | | | | | | | | | | | | | | |
| 9/4/2001 | 37.11 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | Inaccessible covered with asphalt |
| 9/17/2002 | 37.11 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | Inaccessible covered with asphalt |
| 9/5/2003 | 37.11 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | Covered with asphalt |
| 3/4/2004 | 37.11 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | Covered with asphalt |
| 9/9/2004 | 37.11 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | Covered with asphalt |
| 3/1/2005 | 37.11 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | Unable to locate-Paved over |
| 9/8/2005 | 37.11 | 13.59 | 0.00 | 23.52 | -- | -- | ND<50 | ND<0.50 | 0.89 | ND<0.50 | 1.7 | -- | ND<0.50 | Paved over on 8/2/05 |
| 1/20/2006 | 37.11 | 12.33 | 0.00 | 24.78 | 1.26 | -- | ND<50 | ND<0.50 | ND<0.50 | ND<0.50 | ND<1.0 | -- | ND<0.50 | |
| 7/11/2006 | 37.11 | 12.84 | 0.00 | 24.27 | -0.51 | -- | ND<50 | ND<0.50 | ND<0.50 | ND<0.50 | ND<1.0 | -- | ND<0.50 | |
| **U-8** | **(Screen Interval in feet: 15.0-30.0)** | | | | | | | | | | | | | |
| 4/7/1992 | -- | -- | -- | -- | -- | ND | -- | ND | ND | ND | ND | -- | -- | |
| 8/6/1992 | -- | -- | -- | -- | -- | ND | -- | ND | ND | ND | ND | -- | -- | |
| 2/12/1993 | -- | -- | -- | -- | -- | ND | -- | ND | ND | ND | ND | -- | -- | |
| 6/4/1993 | 38.94 | 15.26 | 0.00 | 23.68 | -- | ND | -- | ND | ND | ND | ND | -- | -- | |
| 9/9/1993 | 38.94 | 16.38 | 0.00 | 22.56 | -1.12 | ND | -- | ND | ND | ND | ND | -- | -- | |
| 12/2/1993 | 38.57 | 16.80 | 0.00 | 21.77 | -0.79 | ND | -- | ND | ND | ND | ND | -- | -- | |
| 3/9/1994 | 38.57 | 15.62 | 0.00 | 22.95 | 1.18 | ND | -- | 1.2 | 3.7 | 0.79 | 6.1 | -- | -- | |
| 4/13/1994 | 38.57 | 15.80 | 0.00 | 22.77 | -0.18 | ND | -- | ND | 0.78 | ND | 0.98 | -- | -- | |
| 6/9/1994 | 38.57 | 15.86 | 0.00 | 22.71 | -0.06 | ND | -- | ND | ND | ND | ND | -- | -- | |
| 9/7/1994 | 38.57 | 16.87 | 0.00 | 21.70 | -1.01 | ND | -- | ND | ND | ND | ND | -- | -- | |
| 12/5/1994 | 38.57 | 16.32 | 0.00 | 22.25 | 0.55 | ND | -- | ND | ND | ND | ND | -- | -- | |
| 3/9/1995 | 38.57 | 14.56 | 0.00 | 24.01 | 1.76 | ND | -- | ND | ND | ND | ND | ND | -- | |

**Table 2**

**HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS**

**February 1988 Through July 2006**

**76 Station 5760**

| Date Sampled | TOC Elevation (feet) | Depth to Water (feet) | LPH Thickness (feet) | Ground-water Elevation (feet) | Change in Elevation (feet) | TPH-G (8015M) (µg/l) | TPH-G (GC/MS) (µg/l) | Benzene (µg/l) | Toluene (µg/l) | Ethyl-benzene (µg/l) | Total Xylenes (µg/l) | MTBE (8021B) (µg/l) | MTBE (8260B) (µg/l) | Comments |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **U-8 continued** | | | | | | | | | | | | | | |
| 6/13/1995 | 38.57 | 14.40 | 0.00 | 24.17 | 0.16 | ND | -- | ND | ND | ND | ND | ND | -- | |
| 9/12/1995 | 38.57 | 15.50 | 0.00 | 23.07 | -1.10 | ND | -- | ND | ND | ND | ND | ND | -- | |
| 12/14/1995 | 38.57 | 15.67 | 0.00 | 22.90 | -0.17 | ND | -- | ND | ND | ND | ND | ND | -- | |
| 3/20/1996 | 38.57 | 13.25 | 0.00 | 25.32 | 2.42 | -- | -- | -- | -- | -- | -- | -- | -- | |
| 9/24/1996 | 38.57 | 15.75 | 0.00 | 22.82 | -2.50 | -- | -- | -- | -- | -- | -- | -- | -- | |
| 3/27/1997 | 38.57 | 14.18 | 0.00 | 24.39 | 1.57 | ND | -- | ND | ND | ND | ND | ND | -- | |
| 9/23/1997 | 38.57 | 16.05 | 0.00 | 22.52 | -1.87 | -- | -- | -- | -- | -- | -- | -- | -- | Sampled annually |
| 3/10/1998 | 38.57 | 11.63 | 0.00 | 26.94 | 4.42 | ND | -- | ND | ND | ND | ND | ND | -- | |
| 9/4/1998 | 38.57 | 15.81 | 0.00 | 22.76 | -4.18 | -- | -- | -- | -- | -- | -- | -- | -- | |
| 3/4/1999 | 38.57 | 12.81 | 0.00 | 25.76 | 3.00 | ND | -- | ND | ND | ND | ND | ND | -- | |
| 9/13/1999 | 38.57 | 16.37 | 0.00 | 22.20 | -3.56 | -- | -- | -- | -- | -- | -- | -- | -- | |
| 3/21/2000 | 38.57 | 13.25 | 0.00 | 25.32 | 3.12 | ND | -- | ND | ND | ND | ND | ND | -- | |
| 9/18/2000 | 38.57 | 15.31 | 0.00 | 23.26 | -2.06 | -- | -- | -- | -- | -- | -- | -- | -- | |
| 3/16/2001 | 38.57 | 14.71 | 0.00 | 23.86 | 0.60 | ND | -- | ND | ND | ND | ND | ND | -- | |
| 9/4/2001 | 38.57 | 16.01 | 0.00 | 22.56 | -1.30 | -- | -- | -- | -- | -- | -- | -- | -- | |
| 3/18/2002 | 38.57 | 14.46 | -- | 24.11 | 1.55 | ND<50 | -- | ND<0.50 | ND<0.50 | ND<0.50 | ND<0.50 | ND<5.0 | -- | |
| 9/17/2002 | 38.57 | 15.93 | 0.00 | 22.64 | -1.47 | -- | -- | -- | -- | -- | -- | -- | -- | Sampled annually |
| 3/28/2003 | 38.57 | 14.40 | 0.00 | 24.17 | 1.53 | -- | ND<50 | ND<0.50 | ND<0.50 | ND<0.50 | ND<1.0 | -- | ND<2.0 | |
| 9/5/2003 | 38.57 | 15.46 | 0.00 | 23.11 | -1.06 | -- | -- | -- | -- | -- | -- | -- | -- | Sampled annually |
| 3/4/2004 | 38.57 | 13.98 | 0.00 | 24.59 | 1.48 | -- | ND<50 | ND<0.50 | ND<0.50 | ND<0.50 | ND<1.0 | -- | ND<2.0 | |
| 9/9/2004 | 38.57 | 15.53 | 0.00 | 23.04 | -1.55 | -- | -- | -- | -- | -- | -- | -- | -- | Monitored Only |
| 3/1/2005 | 38.57 | 13.56 | 0.00 | 25.01 | 1.97 | -- | ND<50 | ND<0.50 | ND<0.50 | 0.80 | 2.8 | -- | ND<0.50 | |
| 8/2/2005 | 38.57 | 14.31 | 0.00 | 24.26 | -0.75 | -- | -- | -- | -- | -- | -- | -- | -- | Sampled annually |
| 1/20/2006 | 38.57 | 13.51 | 0.00 | 25.06 | 0.80 | -- | ND<50 | ND<0.50 | ND<0.50 | ND<0.50 | ND<1.0 | -- | ND<0.50 | |

**Table 2**

**HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS**

**February 1988 Through July 2006**

**76 Station 5760**

| Date Sampled | TOC Elevation (feet) | Depth to Water (feet) | LPH Thickness (feet) | Ground-water Elevation (feet) | Change in Elevation (feet) | TPH-G (8015M) (µg/l) | TPH-G (GC/MS) (µg/l) | Benzene (µg/l) | Toluene (µg/l) | Ethyl-benzene (µg/l) | Total Xylenes (µg/l) | MTBE (8021B) (µg/l) | MTBE (8260B) (µg/l) | Comments |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **U-8 continued** | | | | | | | | | | | | | | |
| 7/11/2006 | 38.57 | 13.94 | 0.00 | 24.63 | -0.43 | -- | -- | -- | -- | -- | -- | -- | -- | Sampled Q1 only |
| **U-9** | **(Screen Interval in feet: 13.0-28.0)** | | | | | | | | | | | | | |
| 6/4/1993 | 37.88 | 14.67 | 0.00 | 23.21 | -- | 2100 | -- | ND | ND | ND | ND | -- | -- | |
| 9/9/1993 | 37.88 | 15.79 | 0.00 | 22.09 | -1.12 | 1200 | -- | ND | ND | ND | ND | -- | -- | |
| 12/2/1993 | 37.31 | 15.93 | 0.00 | 21.38 | -0.71 | ND | -- | ND | ND | ND | ND | -- | -- | |
| 3/9/1994 | 37.31 | 14.74 | 0.00 | 22.57 | 1.19 | 5700 | -- | ND | ND | ND | ND | -- | -- | |
| 4/13/1994 | 37.31 | 14.96 | 0.00 | 22.35 | -0.22 | ND | -- | ND | ND | ND | ND | -- | -- | |
| 6/9/1994 | 37.31 | 15.05 | 0.00 | 22.26 | -0.09 | 2900 | -- | ND | ND | ND | ND | -- | -- | |
| 9/7/1994 | 37.31 | 16.06 | 0.00 | 21.25 | -1.01 | 2700 | -- | ND | ND | ND | ND | -- | -- | |
| 12/5/1994 | 37.31 | 15.43 | 0.00 | 21.88 | 0.63 | 3700 | -- | ND | ND | ND | ND | -- | -- | |
| 3/9/1995 | 37.31 | 13.50 | 0.00 | 23.81 | 1.93 | 2500 | -- | ND | ND | ND | ND | 5800 | -- | |
| 6/13/1995 | 37.31 | 13.63 | 0.00 | 23.68 | -0.13 | ND | -- | ND | ND | ND | ND | 1200 | -- | |
| 9/12/1995 | 37.31 | 14.73 | 0.00 | 22.58 | -1.10 | ND | -- | ND | ND | ND | ND | 1600 | -- | |
| 12/14/1995 | 37.31 | 14.67 | 0.00 | 22.64 | 0.06 | ND | -- | ND | ND | ND | ND | 4400 | -- | |
| 3/20/1996 | 37.31 | 12.27 | 0.00 | 25.04 | 2.40 | ND | -- | ND | ND | ND | ND | 480 | -- | |
| 9/24/1996 | 37.31 | 14.92 | 0.00 | 22.39 | -2.65 | ND | -- | ND | ND | ND | ND | ND | -- | |
| 3/27/1997 | 37.31 | 13.36 | 0.00 | 23.95 | 1.56 | ND | -- | ND | ND | ND | ND | 42 | -- | |
| 9/23/1997 | 37.31 | 15.28 | 0.00 | 22.03 | -1.92 | ND | -- | ND | ND | ND | ND | ND | -- | |
| 3/10/1998 | 37.31 | 10.86 | 0.00 | 26.45 | 4.42 | ND | -- | ND | ND | ND | 3.1 | ND | -- | |
| 9/4/1998 | 37.31 | 15.03 | 0.00 | 22.28 | -4.17 | ND | -- | ND | ND | ND | ND | ND | -- | |
| 3/4/1999 | 37.31 | 11.95 | 0.00 | 25.36 | 3.08 | ND | -- | ND | ND | ND | ND | ND | -- | |
| 9/13/1999 | 37.31 | 15.61 | 0.00 | 21.70 | -3.66 | ND | -- | ND | 1.67 | ND | 1.01 | 7.85 | -- | |
| 3/21/2000 | 37.31 | 12.38 | 0.00 | 24.93 | 3.23 | ND | -- | ND | ND | ND | ND | ND | -- | |
| 9/18/2000 | 37.31 | 14.87 | 0.00 | 22.44 | -2.49 | ND | -- | ND | 1.42 | ND | 1.06 | ND | -- | |

**Table 2**

**HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS**

**February 1988 Through July 2006**

**76 Station 5760**

| Date Sampled | TOC Elevation (feet) | Depth to Water (feet) | LPH Thickness (feet) | Ground-water Elevation (feet) | Change in Elevation (feet) | TPH-G (8015M) (µg/l) | TPH-G (GC/MS) (µg/l) | Benzene (µg/l) | Toluene (µg/l) | Ethyl-benzene (µg/l) | Total Xylenes (µg/l) | MTBE (8021B) (µg/l) | MTBE (8260B) (µg/l) | Comments |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **U-9 continued** | | | | | | | | | | | | | | |
| 3/16/2001 | 37.31 | 13.85 | 0.00 | 23.46 | 1.02 | ND | -- | ND | ND | ND | ND | ND | -- | |
| 9/4/2001 | 37.31 | 15.22 | 0.00 | 22.09 | -1.37 | -- | -- | -- | -- | -- | -- | -- | -- | Sampled annually |
| 3/18/2002 | 37.31 | 13.56 | -- | 23.75 | 1.66 | ND<50 | -- | ND<0.50 | ND<0.50 | ND<0.50 | ND<0.50 | ND<5.0 | -- | |
| 9/17/2002 | 37.31 | 15.14 | 0.00 | 22.17 | -1.58 | -- | -- | -- | -- | -- | -- | -- | -- | Sampled annually |
| 3/28/2003 | 37.31 | 13.61 | 0.00 | 23.70 | 1.53 | -- | ND<50 | ND<0.50 | ND<0.50 | ND<0.50 | ND<1.0 | -- | ND<2.0 | |
| 9/5/2003 | 37.31 | 14.64 | 0.00 | 22.67 | -1.03 | -- | -- | -- | -- | -- | -- | -- | -- | Sampled annually |
| 3/4/2004 | 37.31 | 13.07 | 0.00 | 24.24 | 1.57 | -- | ND<50 | ND<0.50 | ND<0.50 | ND<0.50 | ND<1.0 | -- | ND<2.0 | |
| 9/9/2004 | 37.31 | 14.75 | 0.00 | 22.56 | -1.68 | -- | -- | -- | -- | -- | -- | -- | -- | Monitored Only |
| 3/1/2005 | 37.31 | 12.68 | 0.00 | 24.63 | 2.07 | -- | ND<50 | ND<0.50 | ND<0.50 | ND<0.50 | ND<1.0 | -- | 4.1 | |
| 8/2/2005 | 37.31 | 13.47 | 0.00 | 23.84 | -0.79 | -- | -- | -- | -- | -- | -- | -- | -- | Sampled annually |
| 1/20/2006 | 37.31 | 12.61 | 0.00 | 24.70 | 0.86 | -- | ND<50 | ND<0.50 | ND<0.50 | 0.78 | 2.8 | -- | ND<0.50 | |
| 7/11/2006 | 37.31 | 13.10 | 0.00 | 24.21 | -0.49 | -- | -- | -- | -- | -- | -- | -- | -- | Sampled Q1 only |

**Table 2 a**
**ADDITIONAL HISTORIC ANALYTICAL RESULTS**
**76 Station 5760**

| Date Sampled | TBA | Ethanol (8260B) | Ethylene-dibromide (EDB) | DIPE | ETBE | TAME | 1,1-DCA | Post-purge Dissolved Oxygen | Pre-purge Dissolved Oxygen |
|---|---|---|---|---|---|---|---|---|---|
| | (µg/l) | (µg/l) | (µg/l) | (µg/l) | (µg/l) | (µg/l) | (µg/l) | (mg/l) | (mg/l) |
| **U-1** | | | | | | | | | |
| 3/27/1997 | -- | -- | -- | -- | -- | -- | -- | 2.35 | 2.41 |
| 10/13/2000 | ND | ND | ND | ND | ND | ND | ND | -- | -- |
| 9/17/2002 | ND<500 | ND<2500 | ND<10 | ND<10 | ND<10 | ND<10 | ND<10 | -- | -- |
| 9/5/2003 | -- | ND<500 | -- | -- | -- | -- | -- | -- | -- |
| 3/4/2004 | -- | ND<20000 | -- | -- | -- | -- | -- | -- | -- |
| 9/9/2004 | -- | ND<2000 | -- | -- | -- | -- | -- | -- | -- |
| 3/1/2005 | -- | ND<1300 | -- | -- | -- | -- | -- | -- | -- |
| 8/2/2005 | -- | ND<1000 | -- | -- | -- | -- | -- | -- | -- |
| 1/20/2006 | -- | ND<250 | -- | -- | -- | -- | -- | -- | -- |
| 7/11/2006 | -- | ND<25000 | -- | -- | -- | -- | -- | -- | -- |
| **U-2** | | | | | | | | | |
| 3/27/1997 | -- | -- | -- | -- | -- | -- | -- | 4.49 | 4.36 |
| **U-3** | | | | | | | | | |
| 3/27/1997 | -- | -- | -- | -- | -- | -- | -- | 3.32 | 3.18 |
| 9/5/2003 | -- | ND<500 | -- | -- | -- | -- | -- | -- | -- |
| 3/4/2004 | -- | ND<10000 | -- | -- | -- | -- | -- | -- | -- |
| 9/9/2004 | -- | ND<250 | -- | -- | -- | -- | -- | -- | -- |
| 3/1/2005 | -- | ND<500 | -- | -- | -- | -- | -- | -- | -- |
| 8/2/2005 | -- | ND<250 | -- | -- | -- | -- | -- | -- | -- |
| 1/20/2006 | -- | ND<250 | -- | -- | -- | -- | -- | -- | -- |
| 7/11/2006 | -- | ND<2500 | -- | -- | -- | -- | -- | -- | -- |
| **U-4** | | | | | | | | | |
| 3/27/1997 | -- | -- | -- | -- | -- | -- | -- | 3.26 | 3.32 |
| **U-5** | | | | | | | | | |
| 3/27/1997 | -- | -- | -- | -- | -- | -- | -- | 3.77 | 3.74 |

**Table 2 a**

**ADDITIONAL HISTORIC ANALYTICAL RESULTS**

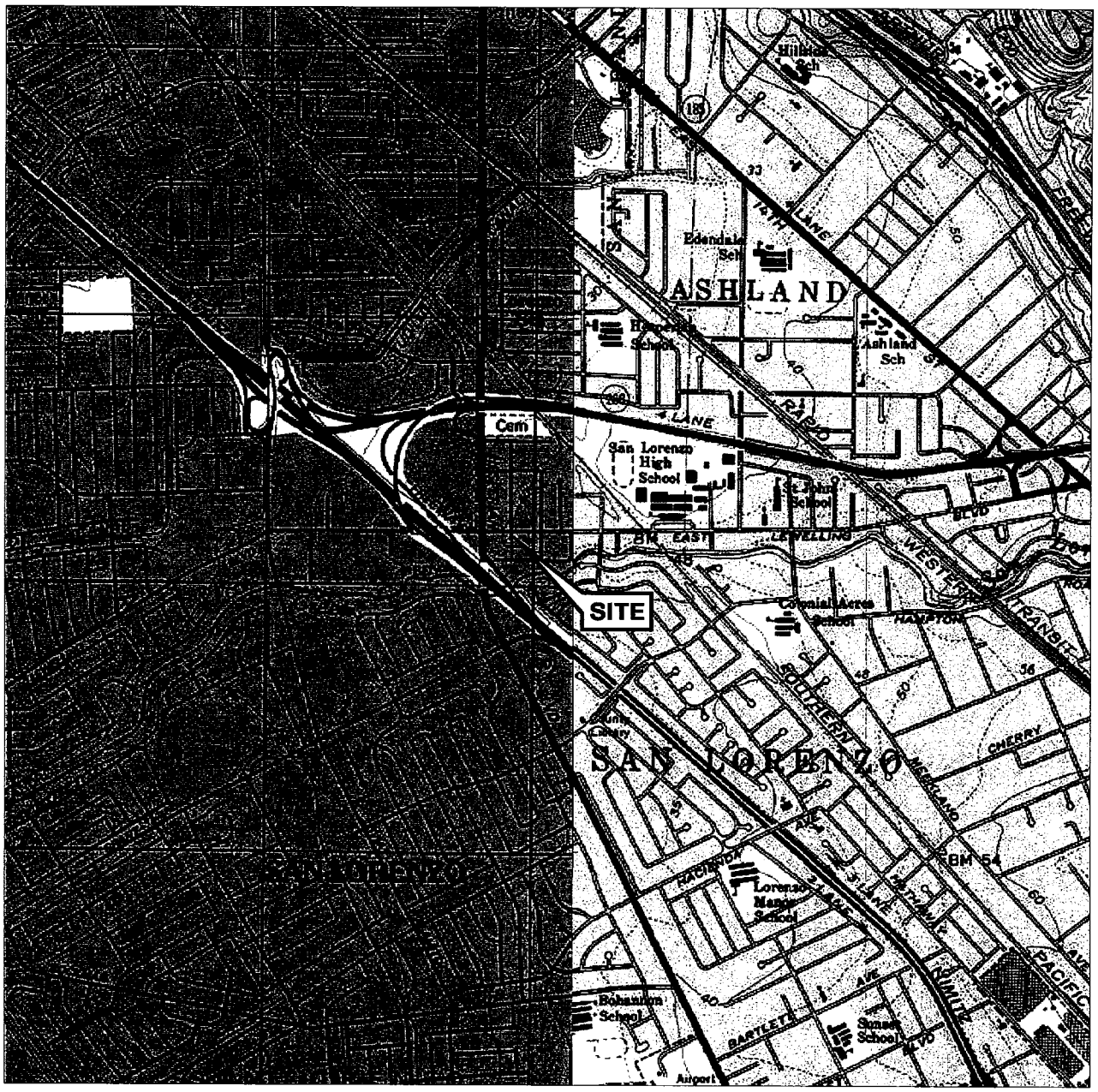
**76 Station 5760**

| Date Sampled | TBA | Ethanol (8260B) | Ethylene-dibromide (EDB) | DIPE | ETBE | TAME | 1,1-DCA | Post-purge Dissolved Oxygen | Pre-purge Dissolved Oxygen |
|---|---|---|---|---|---|---|---|---|---|
| | (µg/l) | (µg/l) | (µg/l) | (µg/l) | (µg/l) | (µg/l) | (µg/l) | (mg/l) | (mg/l) |
| **U-5 continued** | | | | | | | | | |
| 3/4/2004 | -- | ND<500 | -- | -- | -- | -- | -- | -- | -- |
| 3/1/2005 | -- | ND<50 | -- | -- | -- | -- | -- | -- | -- |
| 1/20/2006 | -- | ND<250 | -- | -- | -- | -- | -- | -- | -- |
| **U-6** | | | | | | | | | |
| 3/20/1996 | -- | -- | -- | -- | -- | -- | -- | 3.89 | 3.85 |
| 9/24/1996 | -- | -- | -- | -- | -- | -- | -- | 3.81 | 3.73 |
| 3/27/1997 | -- | -- | -- | -- | -- | -- | -- | 4.36 | 4.43 |
| 9/23/1997 | -- | -- | -- | -- | -- | -- | -- | 4.14 | -- |
| 3/10/1998 | -- | -- | -- | -- | -- | -- | -- | 3.95 | -- |
| 9/8/2005 | -- | ND<1000 | -- | -- | -- | -- | -- | -- | -- |
| 1/20/2006 | -- | ND<250 | -- | -- | -- | -- | -- | -- | -- |
| 7/11/2006 | -- | ND<250 | -- | -- | -- | -- | -- | -- | -- |
| **U-7** | | | | | | | | | |
| 3/27/1997 | -- | -- | -- | -- | -- | -- | -- | 3.38 | 3.29 |
| 9/8/2005 | -- | ND<1000 | -- | -- | -- | -- | -- | -- | -- |
| 1/20/2006 | -- | ND<250 | -- | -- | -- | -- | -- | -- | -- |
| 7/11/2006 | -- | ND<250 | -- | -- | -- | -- | -- | -- | -- |
| **U-8** | | | | | | | | | |
| 3/27/1997 | -- | -- | -- | -- | -- | -- | -- | 3.11 | 3.04 |
| 3/4/2004 | -- | ND<500 | -- | -- | -- | -- | -- | -- | -- |
| 3/1/2005 | -- | ND<50 | -- | -- | -- | -- | -- | -- | -- |
| 1/20/2006 | -- | ND<250 | -- | -- | -- | -- | -- | -- | -- |
| **U-9** | | | | | | | | | |
| 3/20/1996 | -- | -- | -- | -- | -- | -- | -- | 4 | 4.02 |
| 9/24/1996 | -- | -- | -- | -- | -- | -- | -- | 3.98 | 3.85 |

**Table 2 a**
**ADDITIONAL HISTORIC ANALYTICAL RESULTS**
**76 Station 5760**

| Date Sampled | TBA | Ethanol (8260B) | Ethylene-dibromide (EDB) | DIPE | ETBE | TAME | 1,1-DCA | Post-purge Dissolved Oxygen | Pre-purge Dissolved Oxygen |
|---|---|---|---|---|---|---|---|---|---|
| | (µg/l) | (µg/l) | (µg/l) | (µg/l) | (µg/l) | (µg/l) | (µg/l) | (mg/l) | (mg/l) |
| **U-9 continued** | | | | | | | | | |
| 3/27/1997 | -- | -- | -- | -- | -- | -- | -- | 3.57 | 3.65 |
| 9/23/1997 | -- | -- | -- | -- | -- | -- | -- | 3.8 | -- |
| 3/10/1998 | -- | -- | -- | -- | -- | -- | -- | 3.62 | -- |
| 3/4/2004 | -- | ND<500 | -- | -- | -- | -- | -- | -- | -- |
| 3/1/2005 | -- | ND<50 | -- | -- | -- | -- | -- | -- | -- |
| 1/20/2006 | -- | ND<250 | -- | -- | -- | -- | -- | -- | -- |

# FIGURES




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

SCALE 1:24,000

N

SOURCE:

United States Geological Survey
7.5 Minute Topographic Map:
Hayward Quadrangle

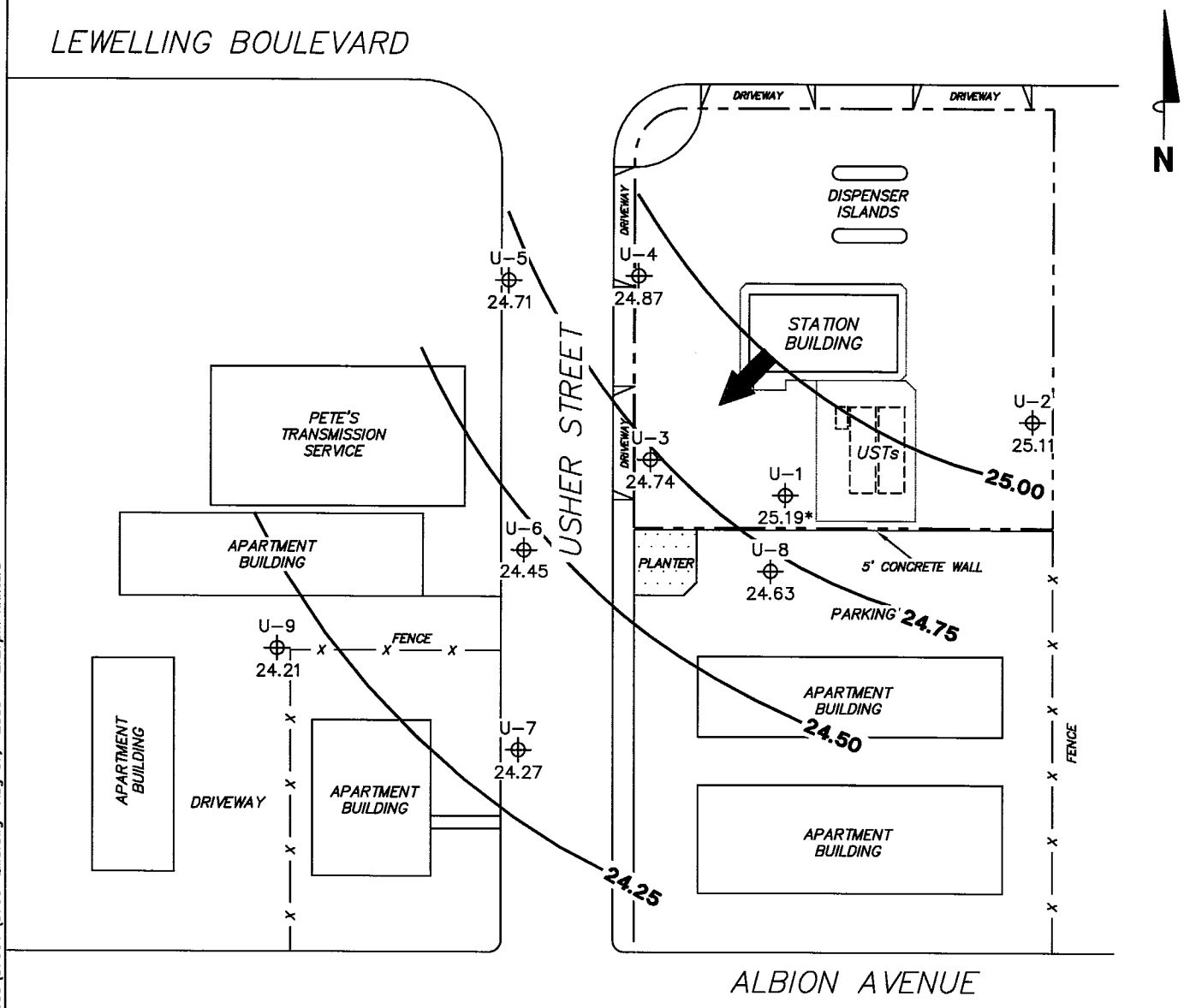

**VICINITY MAP**

76 Station 5760
376 Lewelling Boulevard
San Lorenzo, California

**FIGURE 1**

TRC

PS = 1:1 L:\VICINITY MAPS\5760vm.dwg Aug 02, 2006 - 12:56pm lwinters




NOTES:

Contour lines are interpretive and based on fluid levels measured in monitoring wells. Elevations are in feet above mean sea level. UST = underground storage tank.
* = not included in groundwater contour interpretation.

LEGEND

U-9 ⊕ Monitoring Well with Groundwater Elevation (feet)

**25.00** — Groundwater Elevation Contour

General Direction of Groundwater Flow

**GROUNDWATER ELEVATION CONTOUR MAP**
**July 11, 2006**

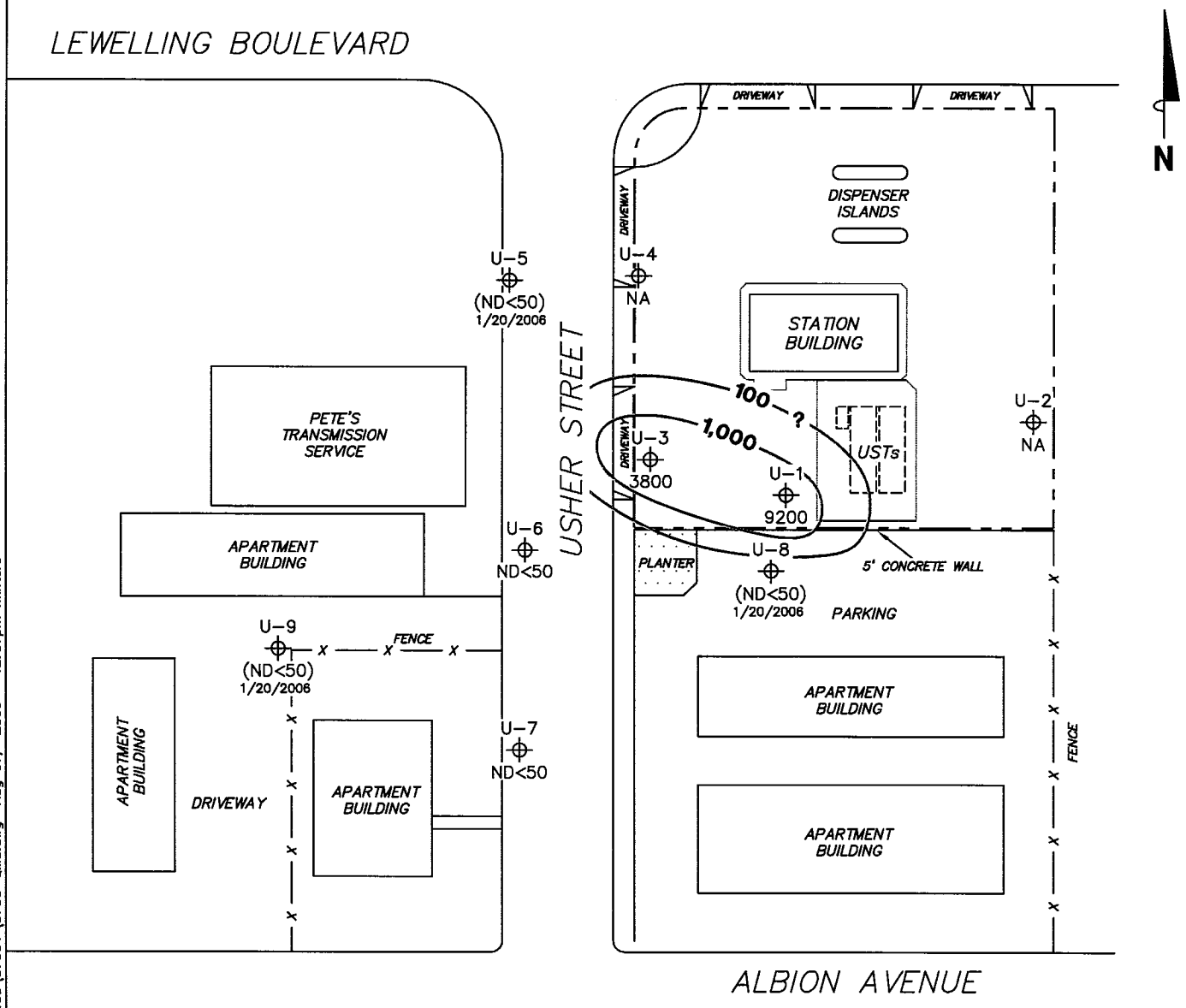
76 Station 5760
376 Lewelling Boulevard
San Lorenzo, California

TRC

SCALE (FEET)
0 60

**FIGURE 2**

PS=1:1 5760-003 L:\Graphics\ProjectsByNumber\20-xxxx\20-0400(UnocalQMS)\x-5000\5760+\5760-QMS.dwg Aug 07, 2006 - 2:27pm lwinters




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. NA = not analyzed, measured or collected. ND = not detected at limit indicated on official laboratory report. UST = underground storage tank.
( ) = representative of historical value.

LEGEND

U-9 ⊕ Monitoring Well with Dissolved-Phase TPH-G (GC/MS) Concentration (µg/l)

—1,000— Dissolved-Phase TPH-G (GC/MS) Contour (µg/l)

**DISSOLVED-PHASE TPH-G (GC/MS) CONCENTRATION MAP**
**July 11, 2006**

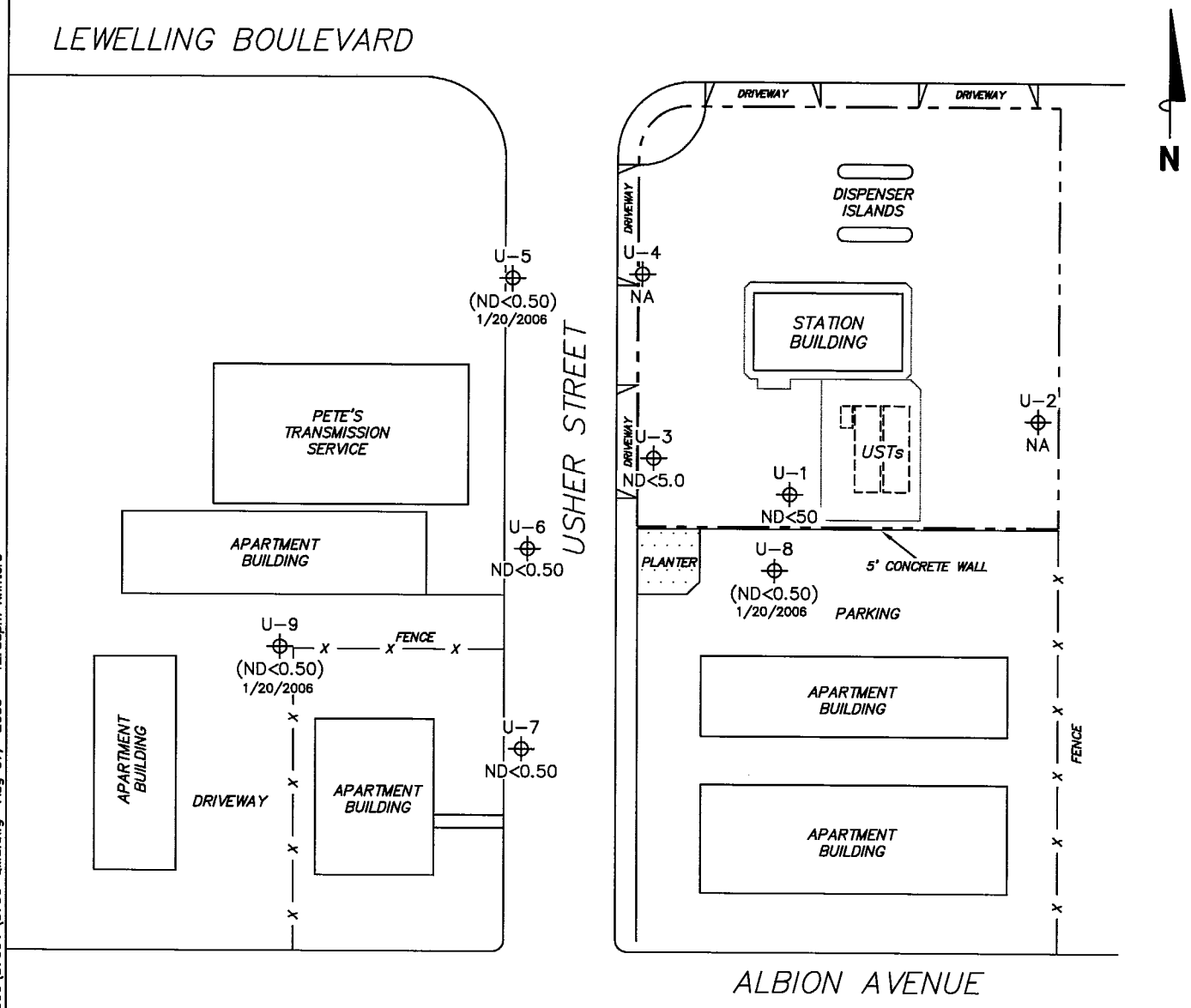
76 Station 5760
376 Lewelling Boulevard
San Lorenzo, California

TRC

SCALE (FEET)
0 60

**FIGURE 3**

PS=1:1 5760-003 L:\Graphics\ProjectsByNumber\20-xxxx\20-0400(UnocalQMS)\x-5000\5760+\5760-QMS.dwg Aug 07, 2006 - 12:57pm lwinters




NOTES:

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

LEGEND

U-9 ⊕ Monitoring Well with Dissolved-Phase Benzene Concentration (µg/l)

**DISSOLVED-PHASE BENZENE CONCENTRATION MAP**
**July 11, 2006**

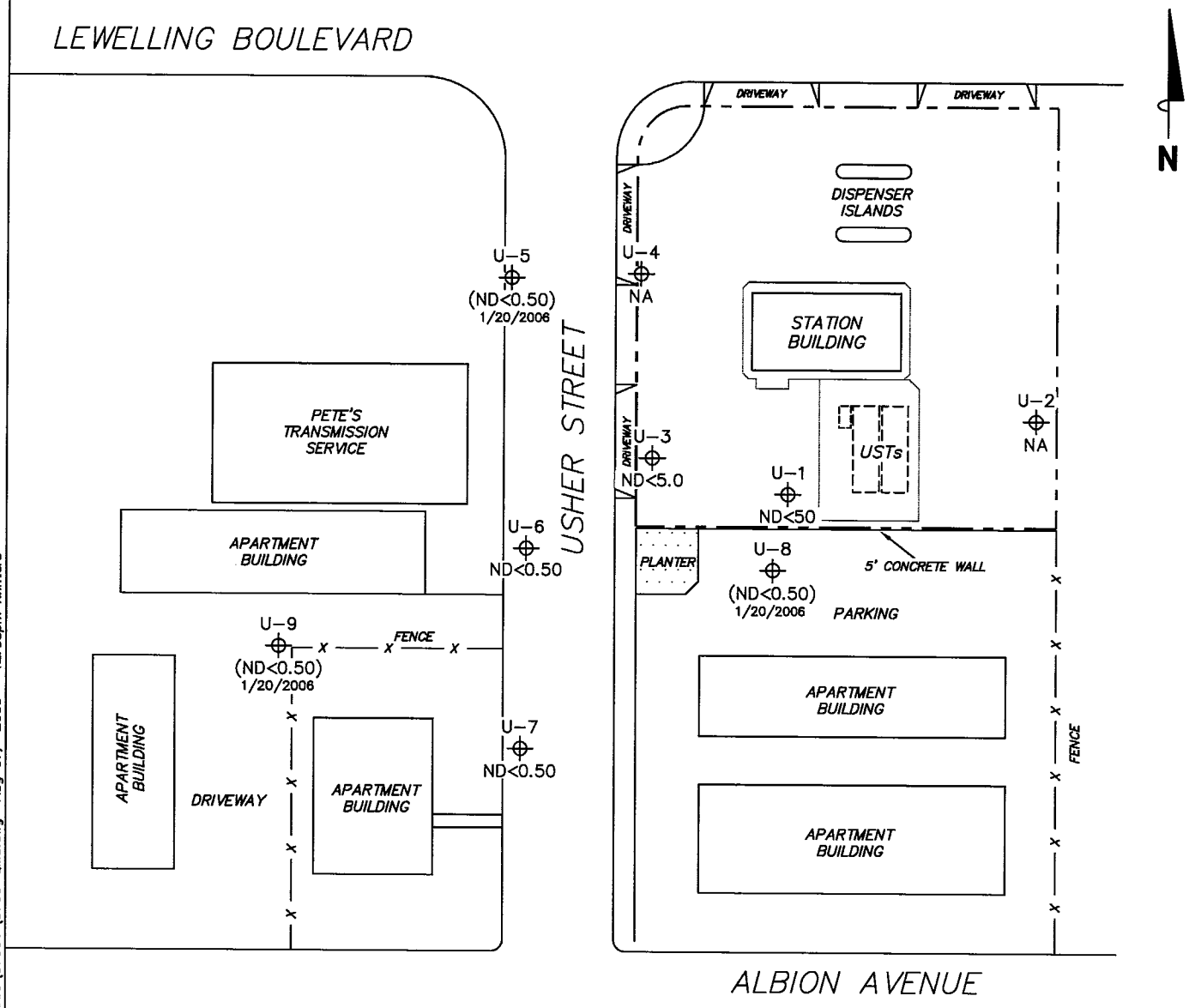
76 Station 5760
376 Lewelling Boulevard
San Lorenzo, California

TRC

SCALE (FEET)
0 60

**FIGURE 4**

PS=1:1 5760-003 L:\Graphics\ProjectsByNumber\20-xxxx\20-0400(UnocalQMS)\x-5000\5760+\5760-QMS.dwg Aug 07, 2006 - 12:58pm lwinters




NOTES:

MTBE = methyl tertiary butyl ether.
µg/l = micrograms per liter. NA = not analyzed, measured or collected. ND = not detected at limit indicated on official laboratory report. UST = underground storage tank.
( ) = representative of historical value.
Results obtained using EPA Method 8260B.

LEGEND

U-9 ⊕ Monitoring Well with Dissolved-Phase MTBE Concentration (µg/l)

**DISSOLVED-PHASE MTBE CONCENTRATION MAP**
**July 11, 2006**

76 Station 5760
376 Lewelling Boulevard
San Lorenzo, California

TRC

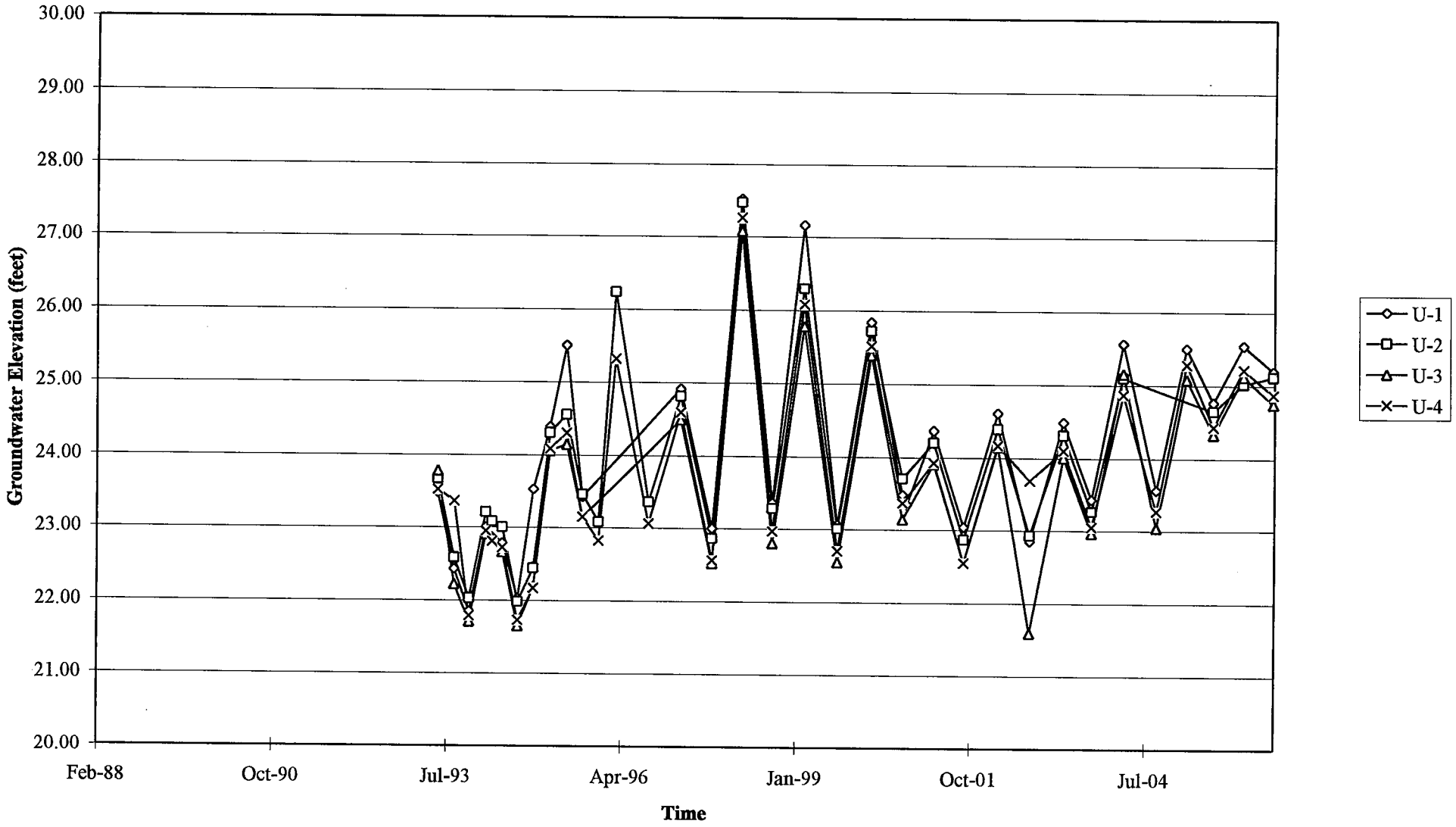
SCALE (FEET)
0 60

**FIGURE 5**

PS=1:1 5760-003 L:\Graphics\ProjectsByNumber\20-xxxx\20-0400(UnocalQMS)\x-5000\5760+\5760-QMS.dwg Aug 07, 2006 - 12:58pm lwinters

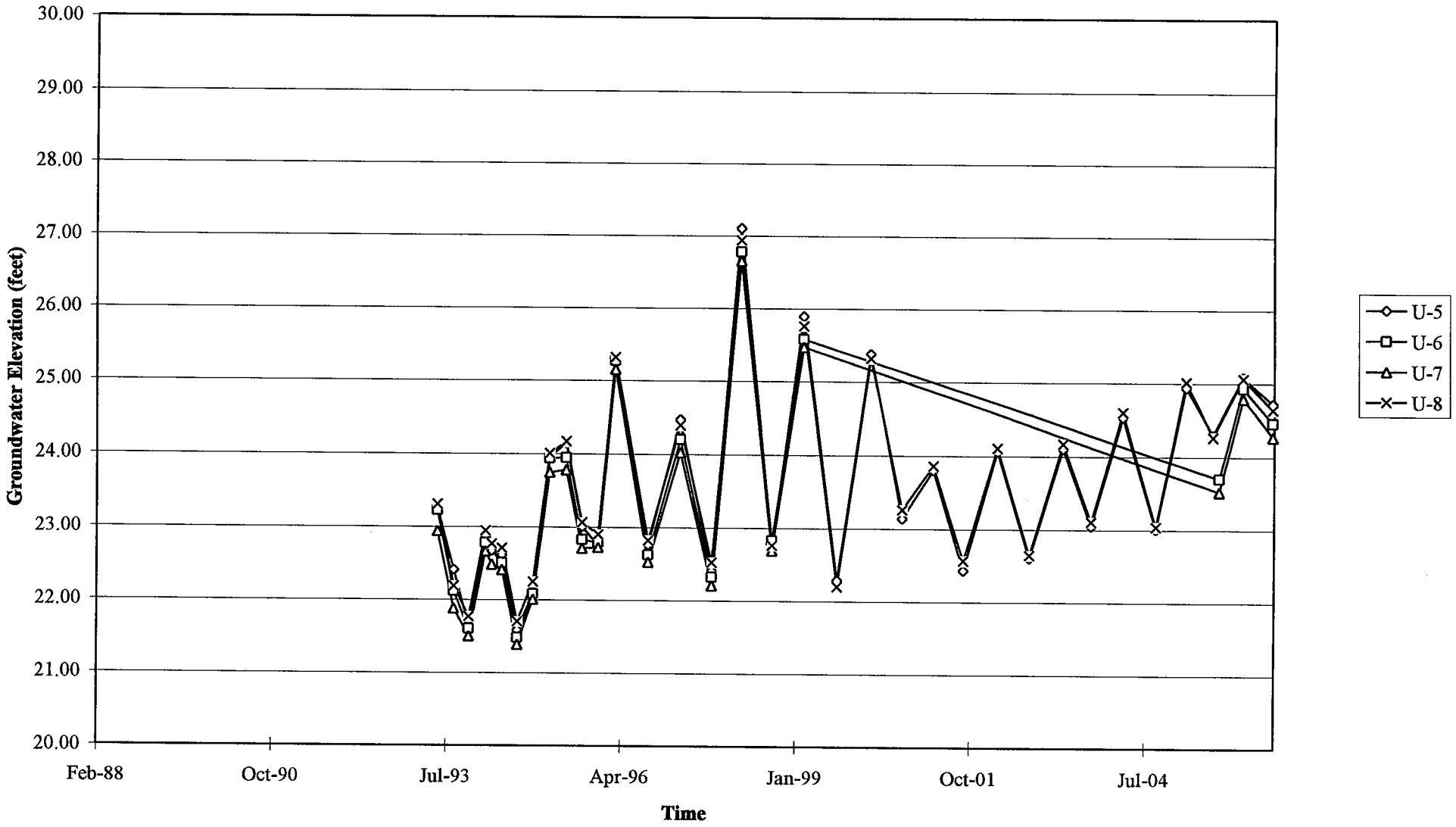
# GRAPHS

Groundwater Elevations vs. Time
76 Station 5760



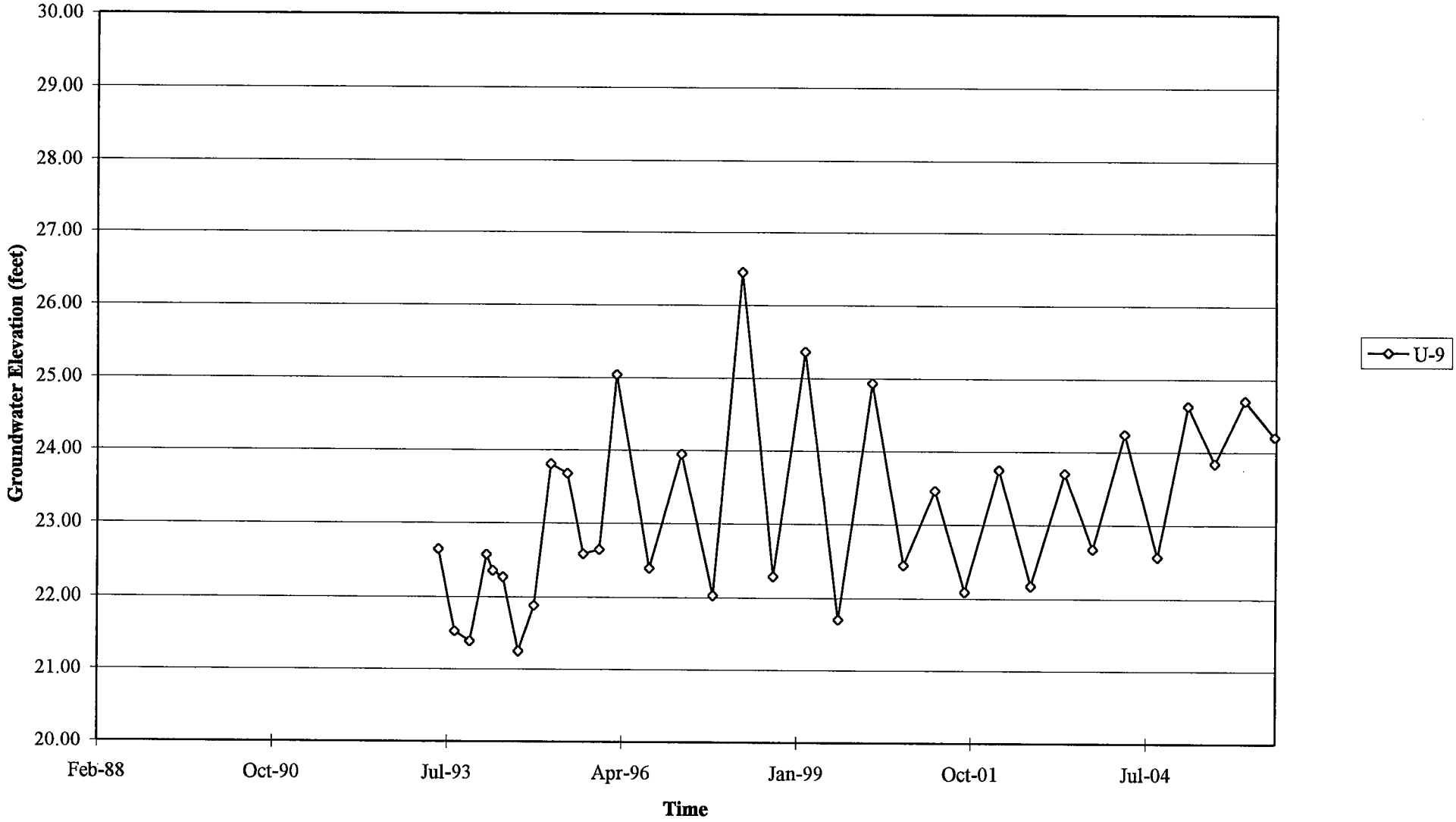

Elevations may have been corrected for apparent changes due to resurvey

Groundwater Elevations vs. Time
76 Station 5760



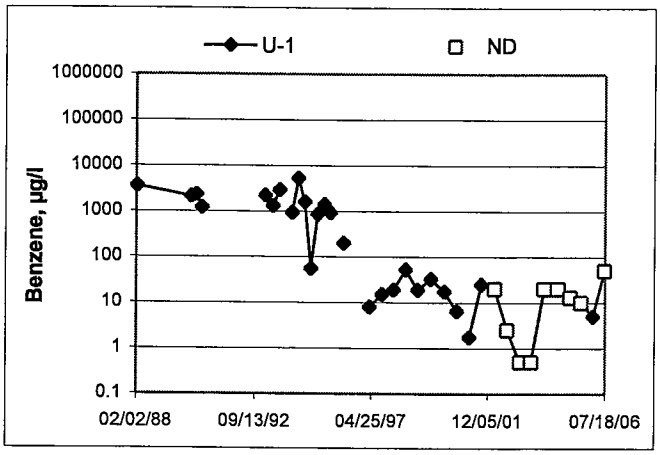

Elevations may have been corrected for apparent changes due to resurvey

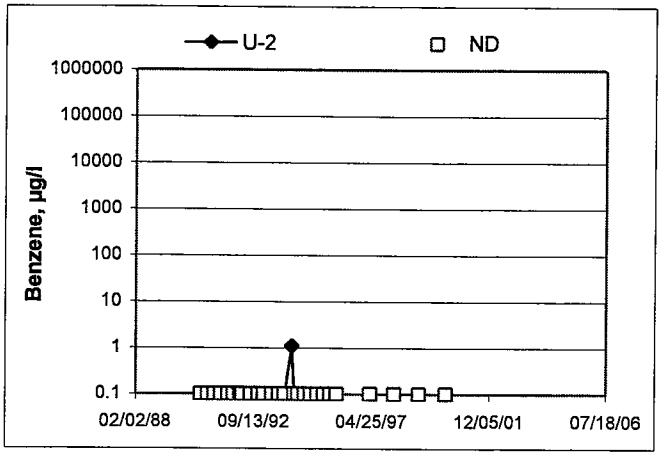
Groundwater Elevations vs. Time
76 Station 5760

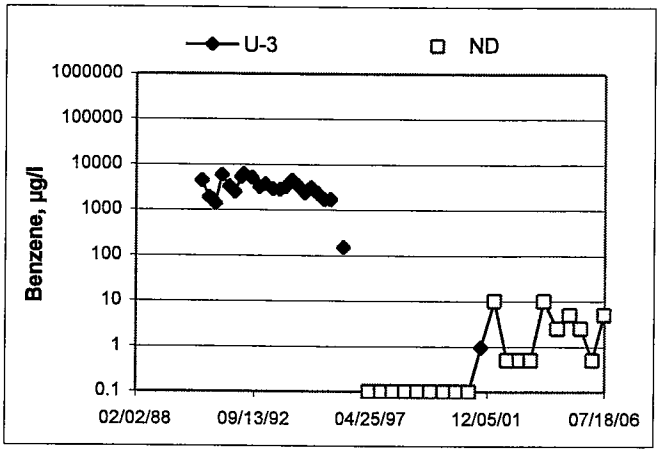


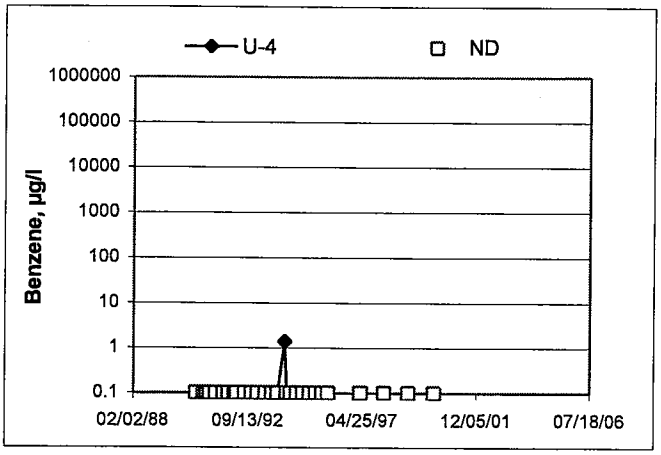

Elevations may have been corrected for apparent changes due to resurvey

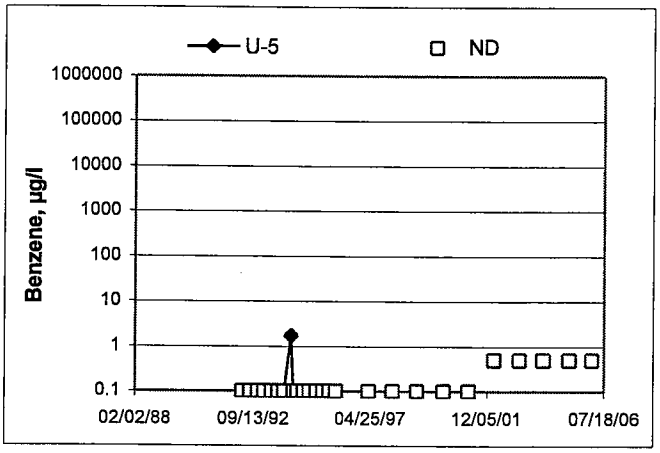
**Benzene Concentrations vs Time**
76 Station 5760

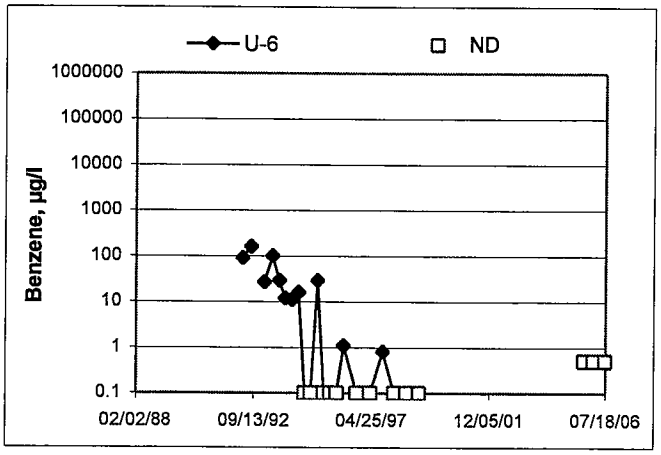


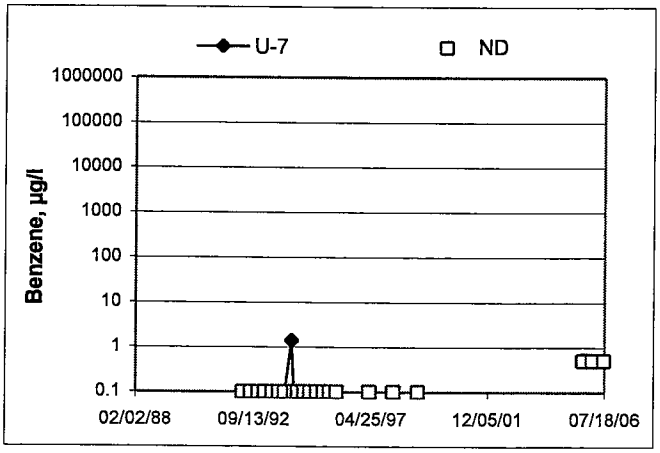



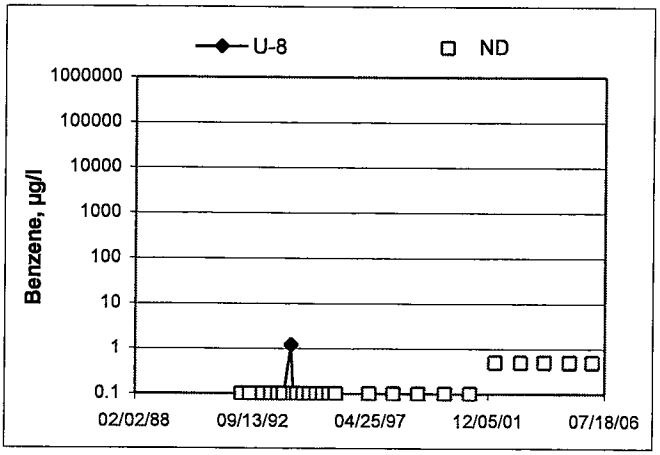



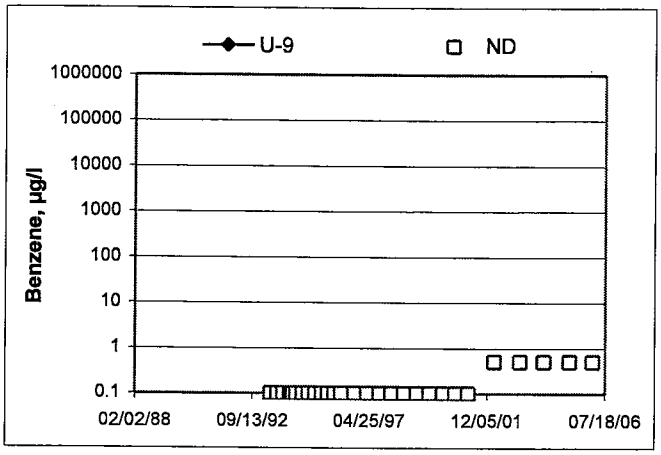



**Benzene Concentrations vs Time**
76 Station 5760



# 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.

# FIELD MONITORING DATA SHEET

Technician: Robello  Job #/Task #: 410600001-FA20  Date: 7/11/06

Site # 5760  Project Manager A COLLINS  Page 1 of 1

| Well # | Time Gauged | TOC | Total Depth | Depth to Water | Depth to Product | Product Thickness (feet) | Time Sampled | Misc. Well Notes |
|---|---|---|---|---|---|---|---|---|
| U-5 | 0612 | √ | 28.88 | 14.60 | Ø | Ø | — | 2" MIO |
| U-6 | 0620 | √ | 26.70 | 13.23 | Ø | Ø | 0890 | 2" |
| U-7 | 0627 | √ | 35.58 | 12.84 | Ø | Ø | 0850 | 2" |
| U-9 | 0634 | √ | 28.56 | 13.10 | Ø | Ø | — | 2" MIO |
| U-4 | 0613 | √ | 28.74 | 15.36 | Ø | Ø | — | 3" MIO |
| U-3 | 0654 | √ | 25.60 | 14.52 | Ø | Ø | 0910 | 3" |
| U-8 | 0702 | √ | 30.15 | 13.92 | Ø | Ø | — | 2" MIO |
| U-2 | 0740 | √ | 30.53 | 16.15 | Ø | Ø | — | 3" MIO1 |
| U-1 | 0753 | √ | 29.89 | 15.01 | Ø | Ø | 0945 | 3" |

| | | | |
|---|---|---|---|
| FIELD DATA COMPLETE ✓ | QA/QC ✓ | COC ✓ | WELL BOX CONDITION SHEETS ✓ |
| WTT CERTIFICATE | MANIFEST | DRUM INVENTORY ✓ | TRAFFIC CONTROL ✓ |

## GROUNDWATER SAMPLING FIELD NOTES

Technician: Roberto

Site: 5760 Project No.: 411060001 Date: 7/11/06

Well No.: U-6 Purge Method: DIA

Depth to Water (feet): 13.23 Depth to Product (feet): 0

Total Depth (feet): 28.70 LPH & Water Recovered (gallons): 0

Water Column (feet): 15.47 Casing Diameter (Inches): 2"

80% Recharge Depth (feet): 16.32 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. |
|---|---|---|---|---|---|---|---|---|
| 0819 | | | 2 | 1224 | 19.4 | 7.62 | | |
| | | | 4 | 1236 | 19.5 | 7.75 | | |
| | 0822 | | 6 | 1234 | 19.6 | 7.62 | | |
| | | | | | | | | |
| | | | | | | | | |

| Static at Time Sampled | Total Gallons Purged | Time Sampled |
|---|---|---|
| 13.31 | 6 | 0830 |

Comments:

Well No.: U-7 Purge Method: DIA

Depth to Water (feet): 12.84 Depth to Product (feet): 0

Total Depth (feet): 35.58 LPH & Water Recovered (gallons): 0

Water Column (feet): 22.74 Casing Diameter (Inches): 2"

80% Recharge Depth (feet): 17.39 1 Well Volume (gallons): 4

| Time Start | Time Stop | Depth To Water (feet) | Volume Purged (gallons) | Conductivity (uS/cm) | Temperature (F, C) | pH | Turbidity | D.O. |
|---|---|---|---|---|---|---|---|---|
| 0839 | | | 4 | 675 ms | 18.3 | 7.20 | | |
| | | | 8 | 854 ms | 18.1 | 7.16 | | |
| | 0844 | | 12 | 794 ms | 17.9 | 7.26 | | |
| | | | | | | | | |
| | | | | | | | | |

| Static at Time Sampled | Total Gallons Purged | Time Sampled |
|---|---|---|
| 12.98 | 12 | 0850 |

Comments:

## GROUNDWATER SAMPLING FIELD NOTES

Technician: Roberto

Site: 5760 Project No.: 41060001 Date: 7/11/06

Well No.: U-3 Purge Method: DiA

Depth to Water (feet): 14.52 Depth to Product (feet): -

Total Depth (feet): 25.60 LPH & Water Recovered (gallons): 0

Water Column (feet): 11.08 Casing Diameter (Inches): 3"

80% Recharge Depth (feet): 16.74 1 Well Volume (gallons): 4

| Time Start | Time Stop | Depth To Water (feet) | Volume Purged (gallons) | Conductivity (uS/cm) | Temperature (F, C) | pH | Turbidity | D.O |
|---|---|---|---|---|---|---|---|---|
| 0900 | | | 4 | 1107 | 19.4 | 7.10 | | |
| | | | 8 | 1158 | 19.8 | 7.15 | | |
| | 0905 | | 12 | 1144 | 19.[illegible] | 7.13 | | |
| | | | | | | | | |
| | | | | | | | | |

| Static at Time Sampled | Total Gallons Purged | Time Sampled |
|---|---|---|
| 14.63 | 12 | 0910 |

Comments:

Well No.: U-1 Purge Method: DiA

Depth to Water (feet): 15.09 Depth to Product (feet): 0

Total Depth (feet): 29.89 LPH & Water Recovered (gallons): 0

Water Column (feet): 14.88 Casing Diameter (Inches): 3"

80% Recharge Depth (feet): 17.99 1 Well Volume (gallons): 6

| Time Start | Time Stop | Depth To Water (feet) | Volume Purged (gallons) | Conductivity (uS/cm) | Temperature (F, C) | pH | Turbidity | D.O |
|---|---|---|---|---|---|---|---|---|
| 0925 | | | 6 | 1013 | 19.4 | 7.25 | | |
| | | | 12 | 1017 | 19.8 | 7.37 | | |
| | 0930 | | 16 | 1007 | 20.2 | 7.56 | | |
| | | | | | | | | |
| | | | | | | | | |

| Static at Time Sampled | Total Gallons Purged | Time Sampled |
|---|---|---|
| 15.31 | 16 | 0945 |

Comments:

BC Laboratories, Inc

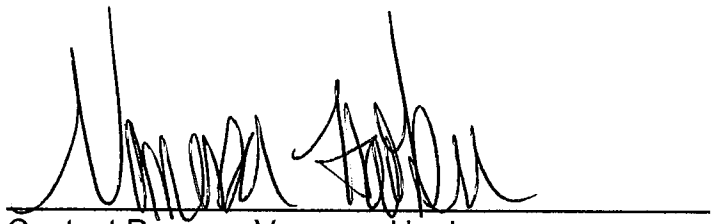
Date of Report: 07/17/2006

Anju Farfan

TRC Alton Geoscience
21 Technology Drive
Irvine, CA 92618-2302
RE: 5760
BC Lab Number: 0606914

Enclosed are the results of analyses for samples received by the laboratory on 07/11/06 22:30. If you have any questions concerning this report, please feel free to contact me.

Sincerely,



Contact Person: Vanessa Hooker
Client Service Rep

Authorized Signature


4100 Atlas Court • Bakersfield, CA 93308 • (661) 327-4911 • FAX (661) 327-1918 • www.bclabs.com

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

Project: 5760
Project Number: [none]
Project Manager: Anju Farfan

**Reported:** 07/17/06 13:54

# Laboratory / Client Sample Cross Reference

| Laboratory | Client Sample Information | | | | |
|---|---|---|---|---|---|
| **0606914-01** | **COC Number:** | --- | **Receive Date:** | 07/11/06 22:30 | Delivery Work Order: |
| | **Project Number:** | 5760 | **Sampling Date:** | 07/11/06 09:45 | Global ID: T0600101469 |
| | **Sampling Location:** | U-1 | **Sample Depth:** | --- | Matrix: W |
| | **Sampling Point:** | U-1 | **Sample Matrix:** | Water | Samle QC Type (SACode): CS |
| | **Sampled By:** | Roberto of TRCI | | | Cooler ID: |
| **0606914-02** | **COC Number:** | --- | **Receive Date:** | 07/11/06 22:30 | Delivery Work Order: |
| | **Project Number:** | 5760 | **Sampling Date:** | 07/11/06 09:10 | Global ID: T0600101469 |
| | **Sampling Location:** | U-3 | **Sample Depth:** | --- | Matrix: W |
| | **Sampling Point:** | U-3 | **Sample Matrix:** | Water | Samle QC Type (SACode): CS |
| | **Sampled By:** | Roberto of TRCI | | | Cooler ID: |
| **0606914-03** | **COC Number:** | --- | **Receive Date:** | 07/11/06 22:30 | Delivery Work Order: |
| | **Project Number:** | 5760 | **Sampling Date:** | 07/11/06 08:30 | Global ID: T0600101469 |
| | **Sampling Location:** | U-6 | **Sample Depth:** | --- | Matrix: W |
| | **Sampling Point:** | U-6 | **Sample Matrix:** | Water | Samle QC Type (SACode): CS |
| | **Sampled By:** | Roberto of TRCI | | | Cooler ID: |
| **0606914-04** | **COC Number:** | --- | **Receive Date:** | 07/11/06 22:30 | Delivery Work Order: |
| | **Project Number:** | 5760 | **Sampling Date:** | 07/11/06 08:50 | Global ID: T0600101469 |
| | **Sampling Location:** | U-7 | **Sample Depth:** | --- | Matrix: W |
| | **Sampling Point:** | U-7 | **Sample Matrix:** | Water | Samle QC Type (SACode): CS |
| | **Sampled By:** | Roberto of TRCI | | | Cooler ID: |

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

Project: 5760
Project Number: [none]
Project Manager: Anju Farfan

**Reported:** 07/17/06 13:54

# Volatile Organic Analysis (EPA Method 8260)

**BCL Sample ID:** 0606914-01 | **Client Sample Name:** 5760, U-1, U-1, 7/11/2006 9:45:00AM, Roberto

| Constituent | Result | Units | PQL | MDL | Method | Prep Date | Run Date/Time | Analyst | Instrument ID | Dilution | QC Batch ID | MB Bias | Lab Quals |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Benzene | ND | ug/L | 50 | | EPA-8260 | 07/12/06 | 07/13/06 19:03 | DKC | MS-V10 | 100 | BPG0466 | ND | A01 |
| Ethylbenzene | 680 | ug/L | 50 | | EPA-8260 | 07/12/06 | 07/13/06 19:03 | DKC | MS-V10 | 100 | BPG0466 | ND | A01 |
| Methyl t-butyl ether | ND | ug/L | 50 | | EPA-8260 | 07/12/06 | 07/13/06 19:03 | DKC | MS-V10 | 100 | BPG0466 | ND | A01 |
| Toluene | ND | ug/L | 50 | | EPA-8260 | 07/12/06 | 07/13/06 19:03 | DKC | MS-V10 | 100 | BPG0466 | ND | A01 |
| Total Xylenes | 2400 | ug/L | 100 | | EPA-8260 | 07/12/06 | 07/13/06 19:03 | DKC | MS-V10 | 100 | BPG0466 | ND | A01 |
| Ethanol | ND | ug/L | 25000 | | EPA-8260 | 07/12/06 | 07/13/06 19:03 | DKC | MS-V10 | 100 | BPG0466 | ND | A01 |
| Total Purgeable Petroleum Hydrocarbons | 9200 | ug/L | 5000 | | EPA-8260 | 07/12/06 | 07/13/06 19:03 | DKC | MS-V10 | 100 | BPG0466 | ND | A01 |
| 1,2-Dichloroethane-d4 (Surrogate) | 99.6 | % | 76 - 114 (LCL - UCL) | | EPA-8260 | 07/12/06 | 07/13/06 19:03 | DKC | MS-V10 | 100 | BPG0466 | | |
| Toluene-d8 (Surrogate) | 98.4 | % | 88 - 110 (LCL - UCL) | | EPA-8260 | 07/12/06 | 07/13/06 19:03 | DKC | MS-V10 | 100 | BPG0466 | | |
| 4-Bromofluorobenzene (Surrogate) | 99.0 | % | 86 - 115 (LCL - UCL) | | EPA-8260 | 07/12/06 | 07/13/06 19:03 | DKC | MS-V10 | 100 | BPG0466 | | |

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

Project: 5760
Project Number: [none]
Project Manager: Anju Farfan

**Reported:** 07/17/06 13:54

# Volatile Organic Analysis (EPA Method 8260)

**BCL Sample ID:** 0606914-02 | **Client Sample Name:** 5760, U-3, U-3, 7/11/2006 9:10:00AM, Roberto

| Constituent | Result | Units | PQL | MDL | Method | Prep Date | Run Date/Time | Analyst | Instrument ID | Dilution | QC Batch ID | MB Bias | Lab Quals |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Benzene | ND | ug/L | 5.0 | | EPA-8260 | 07/12/06 | 07/13/06 18:38 | DKC | MS-V10 | 10 | BPG0466 | ND | A01 |
| Ethylbenzene | 190 | ug/L | 5.0 | | EPA-8260 | 07/12/06 | 07/13/06 18:38 | DKC | MS-V10 | 10 | BPG0466 | ND | A01 |
| Methyl t-butyl ether | ND | ug/L | 5.0 | | EPA-8260 | 07/12/06 | 07/13/06 18:38 | DKC | MS-V10 | 10 | BPG0466 | ND | A01 |
| Toluene | ND | ug/L | 5.0 | | EPA-8260 | 07/12/06 | 07/13/06 18:38 | DKC | MS-V10 | 10 | BPG0466 | ND | A01 |
| Total Xylenes | 420 | ug/L | 10 | | EPA-8260 | 07/12/06 | 07/13/06 18:38 | DKC | MS-V10 | 10 | BPG0466 | ND | A01 |
| Ethanol | ND | ug/L | 2500 | | EPA-8260 | 07/12/06 | 07/13/06 18:38 | DKC | MS-V10 | 10 | BPG0466 | ND | A01 |
| Total Purgeable Petroleum Hydrocarbons | 3800 | ug/L | 500 | | EPA-8260 | 07/12/06 | 07/13/06 18:38 | DKC | MS-V10 | 10 | BPG0466 | ND | A01 |
| 1,2-Dichloroethane-d4 (Surrogate) | 98.5 | % | 76 - 114 (LCL - UCL) | | EPA-8260 | 07/12/06 | 07/13/06 18:38 | DKC | MS-V10 | 10 | BPG0466 | | |
| Toluene-d8 (Surrogate) | 97.0 | % | 88 - 110 (LCL - UCL) | | EPA-8260 | 07/12/06 | 07/13/06 18:38 | DKC | MS-V10 | 10 | BPG0466 | | |
| 4-Bromofluorobenzene (Surrogate) | 102 | % | 86 - 115 (LCL - UCL) | | EPA-8260 | 07/12/06 | 07/13/06 18:38 | DKC | MS-V10 | 10 | BPG0466 | | |

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

Project: 5760
Project Number: [none]
Project Manager: Anju Farfan

**Reported:** 07/17/06 13:54

# Volatile Organic Analysis (EPA Method 8260)

**BCL Sample ID:** 0606914-03 | **Client Sample Name:** 5760, U-6, U-6, 7/11/2006 8:30:00AM, Roberto

| Constituent | Result | Units | PQL | MDL | Method | Prep Date | Run Date/Time | Analyst | Instrument ID | Dilution | QC Batch ID | MB Bias | Lab Quals |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Benzene | ND | ug/L | 0.50 | | EPA-8260 | 07/12/06 | 07/14/06 07:01 | DKC | MS-V10 | 1 | BPG0466 | ND | |
| Ethylbenzene | ND | ug/L | 0.50 | | EPA-8260 | 07/12/06 | 07/14/06 07:01 | DKC | MS-V10 | 1 | BPG0466 | ND | |
| Methyl t-butyl ether | ND | ug/L | 0.50 | | EPA-8260 | 07/12/06 | 07/14/06 07:01 | DKC | MS-V10 | 1 | BPG0466 | ND | |
| Toluene | ND | ug/L | 0.50 | | EPA-8260 | 07/12/06 | 07/14/06 07:01 | DKC | MS-V10 | 1 | BPG0466 | ND | |
| Total Xylenes | ND | ug/L | 1.0 | | EPA-8260 | 07/12/06 | 07/14/06 07:01 | DKC | MS-V10 | 1 | BPG0466 | ND | |
| Ethanol | ND | ug/L | 250 | | EPA-8260 | 07/12/06 | 07/14/06 07:01 | DKC | MS-V10 | 1 | BPG0466 | ND | V11 |
| Total Purgeable Petroleum Hydrocarbons | ND | ug/L | 50 | | EPA-8260 | 07/12/06 | 07/14/06 07:01 | DKC | MS-V10 | 1 | BPG0466 | ND | |
| 1,2-Dichloroethane-d4 (Surrogate) | 106 | % | 76 - 114 (LCL - UCL) | | EPA-8260 | 07/12/06 | 07/14/06 07:01 | DKC | MS-V10 | 1 | BPG0466 | | |
| Toluene-d8 (Surrogate) | 99.7 | % | 88 - 110 (LCL - UCL) | | EPA-8260 | 07/12/06 | 07/14/06 07:01 | DKC | MS-V10 | 1 | BPG0466 | | |
| 4-Bromofluorobenzene (Surrogate) | 98.4 | % | 86 - 115 (LCL - UCL) | | EPA-8260 | 07/12/06 | 07/14/06 07:01 | DKC | MS-V10 | 1 | BPG0466 | | |

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Project: 5760
Project Number: [none]
Project Manager: Anju Farfan

**Reported:** 07/17/06 13:54

# Volatile Organic Analysis (EPA Method 8260)

**BCL Sample ID:** 0606914-04 | **Client Sample Name:** 5760, U-7, U-7, 7/11/2006 8:50:00AM, Roberto

| Constituent | Result | Units | PQL | MDL | Method | Prep Date | Run Date/Time | Analyst | Instrument ID | Dilution | QC Batch ID | MB Bias | Lab Quals |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Benzene | ND | ug/L | 0.50 | | EPA-8260 | 07/12/06 | 07/14/06 07:27 | DKC | MS-V10 | 1 | BPG0466 | ND | |
| Ethylbenzene | ND | ug/L | 0.50 | | EPA-8260 | 07/12/06 | 07/14/06 07:27 | DKC | MS-V10 | 1 | BPG0466 | ND | |
| Methyl t-butyl ether | ND | ug/L | 0.50 | | EPA-8260 | 07/12/06 | 07/14/06 07:27 | DKC | MS-V10 | 1 | BPG0466 | ND | |
| Toluene | ND | ug/L | 0.50 | | EPA-8260 | 07/12/06 | 07/14/06 07:27 | DKC | MS-V10 | 1 | BPG0466 | ND | |
| Total Xylenes | ND | ug/L | 1.0 | | EPA-8260 | 07/12/06 | 07/14/06 07:27 | DKC | MS-V10 | 1 | BPG0466 | ND | |
| Ethanol | ND | ug/L | 250 | | EPA-8260 | 07/12/06 | 07/14/06 07:27 | DKC | MS-V10 | 1 | BPG0466 | ND | V11 |
| Total Purgeable Petroleum Hydrocarbons | ND | ug/L | 50 | | EPA-8260 | 07/12/06 | 07/14/06 07:27 | DKC | MS-V10 | 1 | BPG0466 | ND | |
| 1,2-Dichloroethane-d4 (Surrogate) | 102 | % | 76 - 114 (LCL - UCL) | | EPA-8260 | 07/12/06 | 07/14/06 07:27 | DKC | MS-V10 | 1 | BPG0466 | | |
| Toluene-d8 (Surrogate) | 99.3 | % | 88 - 110 (LCL - UCL) | | EPA-8260 | 07/12/06 | 07/14/06 07:27 | DKC | MS-V10 | 1 | BPG0466 | | |
| 4-Bromofluorobenzene (Surrogate) | 96.4 | % | 86 - 115 (LCL - UCL) | | EPA-8260 | 07/12/06 | 07/14/06 07:27 | DKC | MS-V10 | 1 | BPG0466 | | |

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

Project: 5760
Project Number: [none]
Project Manager: Anju Farfan

**Reported:** 07/17/06 13:54

# Volatile Organic Analysis (EPA Method 8260)

## Quality Control Report - Precision & Accuracy

| Constituent | Batch ID | QC Sample Type | Source Sample ID | Source Result | Result | Spike Added | Units | RPD | Percent Recovery | Control Limits RPD | Control Limits Percent Recovery | Lab Quals |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Benzene | BPG0466 | Matrix Spike | 0606824-02 | ND | 24.960 | 25.000 | ug/L | | 99.8 | | 70 - 130 | |
| | | Matrix Spike Duplicate | 0606824-02 | ND | 26.230 | 25.000 | ug/L | 5.08 | 105 | 20 | 70 - 130 | |
| Toluene | BPG0466 | Matrix Spike | 0606824-02 | ND | 24.280 | 25.000 | ug/L | | 97.1 | | 70 - 130 | |
| | | Matrix Spike Duplicate | 0606824-02 | ND | 26.490 | 25.000 | ug/L | 8.76 | 106 | 20 | 70 - 130 | |
| 1,2-Dichloroethane-d4 (Surrogate) | BPG0466 | Matrix Spike | 0606824-02 | ND | 10.270 | 10.000 | ug/L | | 103 | | 76 - 114 | |
| | | Matrix Spike Duplicate | 0606824-02 | ND | 10.130 | 10.000 | ug/L | | 101 | | 76 - 114 | |
| Toluene-d8 (Surrogate) | BPG0466 | Matrix Spike | 0606824-02 | ND | 9.7000 | 10.000 | ug/L | | 97.0 | | 88 - 110 | |
| | | Matrix Spike Duplicate | 0606824-02 | ND | 9.7700 | 10.000 | ug/L | | 97.7 | | 88 - 110 | |
| 4-Bromofluorobenzene (Surrogate) | BPG0466 | Matrix Spike | 0606824-02 | ND | 10.480 | 10.000 | ug/L | | 105 | | 86 - 115 | |
| | | Matrix Spike Duplicate | 0606824-02 | ND | 10.380 | 10.000 | ug/L | | 104 | | 86 - 115 | |

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

Project: 5760
Project Number: [none]
Project Manager: Anju Farfan

**Reported:** 07/17/06 13:54

# 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 Percent Recovery | Control Limits RPD | Lab Quals |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Benzene | BPG0466 | BPG0466-BS1 | LCS | 24.580 | 25.000 | 0.50 | ug/L | 98.3 | | 70 - 130 | | |
| Toluene | BPG0466 | BPG0466-BS1 | LCS | 24.630 | 25.000 | 0.50 | ug/L | 98.5 | | 70 - 130 | | |
| 1,2-Dichloroethane-d4 (Surrogate) | BPG0466 | BPG0466-BS1 | LCS | 9.7400 | 10.000 | | ug/L | 97.4 | | 76 - 114 | | |
| Toluene-d8 (Surrogate) | BPG0466 | BPG0466-BS1 | LCS | 9.8900 | 10.000 | | ug/L | 98.9 | | 88 - 110 | | |
| 4-Bromofluorobenzene (Surrogate) | BPG0466 | BPG0466-BS1 | LCS | 10.160 | 10.000 | | ug/L | 102 | | 86 - 115 | | |

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

Project: 5760
Project Number: [none]
Project Manager: Anju Farfan

**Reported:** 07/17/06 13:54

# 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 | BPG0466 | BPG0466-BLK1 | ND | ug/L | 0.50 | 0.13 | |
| Ethylbenzene | BPG0466 | BPG0466-BLK1 | ND | ug/L | 0.50 | 0.094 | |
| Methyl t-butyl ether | BPG0466 | BPG0466-BLK1 | ND | ug/L | 0.50 | 0.12 | |
| Toluene | BPG0466 | BPG0466-BLK1 | ND | ug/L | 0.50 | 0.12 | |
| Total Xylenes | BPG0466 | BPG0466-BLK1 | ND | ug/L | 1.0 | 0.35 | |
| Ethanol | BPG0466 | BPG0466-BLK1 | ND | ug/L | 250 | 110 | |
| Total Purgeable Petroleum Hydrocarbons | BPG0466 | BPG0466-BLK1 | ND | ug/L | 50 | 16 | |
| 1,2-Dichloroethane-d4 (Surrogate) | BPG0466 | BPG0466-BLK1 | 101 | % | 76 - 114 (LCL - UCL) | | |
| Toluene-d8 (Surrogate) | BPG0466 | BPG0466-BLK1 | 97.4 | % | 88 - 110 (LCL - UCL) | | |
| 4-Bromofluorobenzene (Surrogate) | BPG0466 | BPG0466-BLK1 | 101 | % | 86 - 115 (LCL - UCL) | | |

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

Project: 5760
Project Number: [none]
Project Manager: Anju Farfan

**Reported:** 07/17/06 13:54

## Notes and Definitions

| | |
|---|---|
| V11 | The Continuing Calibration Verification (CCV) recovery is not within established control limits. |
| 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 |

BC LABORATORIES INC. SAMPLE RECEIPT FORM Rev. No. 10 01/21/04 Page __ Of __

Submission #: 06-06914 | 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 ☐ Intact? Yes ☐ No ☐ | Containers ☐ Intact? Yes ☐ No ☐ | None ☑ 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 GIB Temperature: 6.4 °C Thermometer ID: #48

Emissivity 0.95 Container VOAs

Date/Time 7/11/06 Analyst Init OTO

| 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 | | | | | | | | | | |
| PtA PHENOLICS | | | | | | | | | | |
| 40ml VOA VIAL TRAVEL BLANK | | | | | | | | | | |
| 40ml VOA VIAL | A3 | A3 | A3 | A3 | | | | | | |
| 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: OTO Date/Time: 7/12/06 0100

CHK BY | DISTRIBUTION | SUB-OUT

**BC LABORATORIES, INC.**

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

# CHAIN OF CUSTODY

06-06914

**Analysis Requested**

| | |
|---|---|
| **Circle one: Phillips 66 / Unocal** | **Consultant Firm: TRC** |
| **Address: 376 Lewelling Rd.** | **21 Technology Drive**<br>**Irvine, CA 92618-2302**<br>**Attn: Anju Farfan** |
| **City: San Lorenzo** | **4-digit site#: 5760** |
| | **Work Order# 1468TRC502** |
| **State: CA** **Zip:** | **Project #: 41060001/FA20** |
| **COP Manager: Thomas Kosel** | **Sampler Name:** Roberto |

| Lab# | Sample Description | Field Point Name | Date & Time Sampled | MATRIX (GW) Groundwater (S) Soil (WW) Wastewater (SL) Sludge | BTEX/MTBE by 8021B, Gas by 8015 | TPH GAS by 8015M | TPH DIESEL by 8015 | 8260 full list w/ MTBE & oxygenates | BTEX/MTBE BY 8260B | ETHANOL by 8260B | TPH-g by GC/MS | EDB/EDC by 8260B | | | Turnaround Time Requested |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | -1 | U-1 | 7/11/06 0945 | GW | | | | | X | X | X | | | | STD |
| | -2 | U-3 | 0910 | GW | | | | | X | X | X | | | | STD |
| | -3 | U-6 | 0830 | GW | | | | | X | X | X | | | | STD |
| | -4 | U-7 | 0850 | GW | | | | | X | X | X | | | | STD |
| | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | |

**Comments:**

**Global ID: T0600101469**

| | | |
|---|---|---|
| **Relinquished by:** Roberto Mata | **Received by:** Ross Dickey | **Date & Time:** 7/11/06 1450 |
| **Relinquished by (Signature):** Ross Dickey 7/11/06 | **Received by:** Leslie McAffee | **Date & Time:** 7-11-06 1758 |
| **Relinquished by (Signature):** Leslie McAffee | **Received by:** Roni Baferi | **Date & Time:** 7/11/06 2230 |

(A) = ANALYSIS (C) = CONTAINER (P) = PRESERVATIVE

## 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. Documen tation 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 transportatio n 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 opin ions 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.