

  
76 Broadway  
Sacramento, California 95818

**RECEIVED**

10:30 am, Sep 10, 2009

Alameda County  
Environmental Health

September 8, 2009

Ms. Barbara Jakub  
Alameda County Environmental Health  
1131 Harbor Bay Parkway  
Alameda, CA 94502

Re: **Report Transmittal  
Summary Report –Third Quarter 2009  
76 Service Station #5760  
376 Lewelling Boulevard  
San Lorenzo, California**

Dear Ms. Jakub:

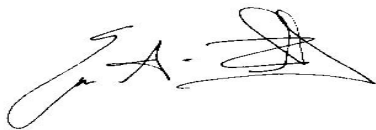
I declare under penalty of perjury that, to the best of my knowledge, the information and/or recommendations contained in the attached report is/are true and correct.

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

Ted Moise (Contractor)  
ConocoPhillips  
Risk Management & Remediation  
76 Broadway  
Sacramento, CA 95818

Phone: (510) 245-5162  
Fax: (918) 662-4480

Sincerely,



Eric G. Hetrick  
Site Manager  
Risk Management & Remediation

Attachment



**Stantec**

**Stantec Consulting Corporation**  
3017 Kilgore Road Suite 100  
Rancho Cordova CA 95670  
Tel: (916) 861-0400  
Fax: (916) 861-0430

**Quarterly Summary Report – Third Quarter 2009**  
**76 Service Station No. 5760**  
**376 Lewelling Boulevard**  
**San Lorenzo, California**

**ACEHS File No.:**  
**RO0000344**

**Stantec Project No.:**  
**211402275**

**Submitted to:**  
**Ms. Barbara Jakub**  
**Alameda County Environmental Health Services**  
**1131 Harbor Bay Parkway, Suite 250**  
**Oakland, California 94502**

*(Sent Via Electronic Upload to Alameda ftp)*

**Submitted by:**  
**Stantec Consulting Corporation**  
**3017 Kilgore Road, Suite 100**  
**Rancho Cordova, California 95670**  
**916-861-0400**

**Prepared on behalf of:**  
**ConocoPhillips Company**  
**Mr. Ted Moise**  
**Site Manager**  
**76 Broadway**  
**Sacramento, California 95818**

**September 8, 2009**

## **INTRODUCTION**

On behalf of ConocoPhillips, Stantec Consulting Corporation (Stantec), is forwarding TRC's third quarter 2009 quarterly summary report for 76 Service Station No. 5760, located at 376 Lewelling Boulevard, San Lorenzo, California.

## **SITE DESCRIPTION**

The site is currently an active 76-branded gasoline service station and auto repair shop located on the southeast corner of the intersection of Lewelling Boulevard and Usher Street in San Lorenzo, California. Site facilities include two underground storage tanks (USTs) used for gasoline storage and associated piping and fuel dispensers. A station building containing two mechanic's service bays, as well as a waste-oil UST are also present at the site. A detailed site plan is included in TRC's semi-annual monitoring report (Attachment 1).

## **SITE GEOLOGY AND HYDROGEOLOGY**

The site is located on the East Bay Plain, which gently slopes from the foothills to the east towards the San Francisco Bay. The area is underlain by Holocene-age alluvial deposits. Sand and gravel stream channel deposits are mapped along the alignment of San Lorenzo Creek, which is located approximately 500 feet south of the site. Based on assessment activities performed by various consultants, the subsurface generally consists of highly permeable soils to depths of 15 to 20 feet below ground surface (bgs). Underlying these soils are low permeability soils with occasional sand lenses to the maximum depth explored of approximately 30 feet bgs.

As outlined in the California Department of Water Resources 2003 *California Groundwater: Bulletin 118*, the site lies within the East Bay Plain Subbasin of the Santa Clara Valley Groundwater Basin. The East Bay Plain Subbasin is a northwest trending alluvial plain of Quaternary Age, bounded on the north by San Pablo Bay, on the east by the contact with Franciscan Basement rocks, on the south by the Niles Cone Groundwater Basin. The East Bay Plain Subbasin extends beneath San Francisco Bay to the west.

A soil sieve/hydrometer sample and permeability test was performed in August 1990 by GeoStrategies Incorporated (GSI) on a soil sample collected from boring U-2 at a depth of 30 feet bgs. In the associated boring log, the soil was classified as a clay; the laboratory determined the soil to have a permeability of  $6.0 \times 10^{-8}$  centimeters per second.

A three-hour step-drawdown and 24-hour constant-rate discharge test were performed utilizing well U-1 in February 1994. The step-drawdown test indicated a sustainable yield of 2 gallons per minute (gpm). Hydraulic conductivity calculated during the constant-rate discharge test ranged from 175.4 gallons per day per square foot (gpd/ft<sup>2</sup>) to 350 gpd/ft<sup>2</sup>, a value consistent for clean sand.

**PREVIOUS ASSESSMENT**

In November 1987, Woodward-Clyde Consultants (WCC) oversaw the removal of the former USTs, and the installation of the current USTs. Based on petroleum hydrocarbon impact observed during UST replacement, groundwater monitoring well U-1 was installed. Well installation activities are documented in WCC's *Well Installation Report* dated March 25, 1988.

In August 1990, GSI oversaw the installation of monitoring wells U-2 through U-4. Well installation activities are documented in GSI's *Monitoring Well Installation Report*, dated November 16, 1990.

In March 1992, GSI oversaw the installation of monitoring wells U-5 through U-8 to delineate impact off-site. Well installation activities are documented in GSI's *Well Installation Report*, dated August 9, 1993.

In November 2003, Delta oversaw the advancement of five direct push soil borings, GP-1 through GP-5, to a maximum depth of 20 feet bgs. Hydrocarbon impact was observed in the soil sample collected from GP-4 at a depth of 19 feet bgs; TPHg, ethylbenzene, and total xylenes were detected at concentrations of 1,600, 26, and 130 milligrams per kilogram, respectively. A soil sample collected from GP-4 at a depth of 12 feet bgs was "non-detect" for all analyzed constituents. Site assessment activities are documented in Delta's *Baseline Assessment Report*, dated December 10, 2003.

In July 2007, Delta abandoned monitoring wells U-1 and U-3 and installed replacement wells U-1R and U-3R. Wells U-1 and U-3 were destroyed because Delta believed that hydrocarbon impacts observed in the wells originated at the surface and migrating down the well boring through poor surface seals. Well destruction and abandonment activities are documented in Delta's *Monitoring Well Abandonment and Replacement Report*, dated August 27, 2007.

**SENSITIVE RECEPTORS**

In 1992, GSI contacted the Alameda County Flood Control and Water Conservation District (ADFCWD) to identify water supply wells located within 0.5 mile of the site. Of the six wells identified (all being classified as irrigation wells) as being located within 0.5 mile of the site, five of the wells were determined to be located hydraulically up-gradient of the site, while one well was determined to be located hydraulically cross-gradient of the site. Of the up-gradient wells, one (identified in GSI's *Well Installation Report*, dated June 15, 1992 as well #1) appears to be located immediately east of the site.

In 2006, Delta reviewed California Department of Water Resources (DWR) well completion logs to identify all wells located within 1 mile of the site. Based on a review of Delta's reports, Delta appears to have identified 39 wells within 1 mile of the site. The six wells identified by GSI in 1992 were not located during the 2006 review of DWR files.

In 2006, Delta mailed a Public Health Assessment Questionnaire to all properties and owners of properties located within 1,000 feet of the site. Of the 164 questionnaires sent out, Delta received 13 responses and four returned by the United States Postal Service due to invalid addresses. Of the 13 responses, none of the respondents indicated the presence of a sump on their properties.

Based on the U.S. Geological Survey Topographic Map for the area (San Leandro quadrangle, 1980), the nearest surface water body is the San Lorenzo Creek, located approximately 500 feet southeast to southwest (down-gradient) of the site. In the vicinity of the site, San Lorenzo Creek is a concrete-lined channel.

### **MONITORING AND SAMPLING**

The site has been monitored and sampled since the first quarter 1988. Currently, nine wells are monitored quarterly (U-1R, U-2, U-3R, and U-4 through U-9). Samples are collected from wells U-1R, U-3R and U-6 through U-8 during the first and third quarter of each year, and from wells U-5 and U-9 during the first quarter of each year. Wells U-2 and U-4 are not sampled. Collected groundwater samples are analyzed for TPPH, BTEX, and fuel oxygenates MTBE and ethanol by EPA Method 8260B. Selected groundwater samples are also analyzed for TBA, DIPE, ETBE, and TAME, as well as EDB and 1,2-DCA by EPA Method 8260B.

During the third quarter 2009, depth to groundwater ranged between 14.90 and 18.08 feet below top of casing (toc), an average decrease of 0.50 foot from the previous quarter. The direction of groundwater flow was toward the southwest at a gradient of 0.003 foot/foot (Attachment 1). Being as groundwater flow has consistently been towards the southwest during monitoring events, a rose diagram showing groundwater flow directions has been omitted.

The highest concentration of TPPH continues to be detected in on-site well U-1R. This quarter, TPPH were reported in wells U-1R and U-6 at 21,000 µg/L and 100 µg/L, respectively. Ethylbenzene and total xylenes were detected in well U-1R at concentrations of 1,800 ug/L and 3,500 ug/L, respectively. No other analytes were detected at concentrations exceeding their respective analytical method detection limits. Detected hydrocarbon concentrations in well U-1R were consistent with those observed during the second quarter 2009.

### **CHARACTERIZATION STATUS**

The highest concentrations of residual hydrocarbon impact is on-site in the vicinity of well U-1R. The down-gradient/cross-gradient extent of the dissolved-phase hydrocarbon plume is well defined by the existing monitoring well network. Additional assessment immediately down-gradient of the dispenser islands appears warranted to verify that dissolved phase impact is not also originating from the dispenser pump island.

Delta prepared a work plan dated December 1, 2008 proposing additional site assessment. A regulatory letter from Alameda County Environmental Health Services (ACEHS) approved the proposed scope of work, pending modifications. Stantec has reviewed Delta's work plan and

based on a telephone conversation between Mr. Benjamin Chevlen of Stantec and Ms. Barbara Jakub of ACEHS on April 7, 2009, Stantec prepared and submitted a *Revised Work Plan for Additional Site Assessment*, dated April 27, 2009. Stantec has yet to receive a response from the ACEHS.

## **REMEDIATION STATUS**

In August 1994, Pacific Environmental Group performed a 5-day soil vapor extraction (SVE) feasibility test at the site. Results of the test indicated that SVE was an effective remedial technology for the site.

In October 1995, an SVE and groundwater treatment system was started up at the site. The system was subsequently operated continuously until February 1997, when the system was shut-down due to diminishing remedial benefits.

Active remediation is not currently being performed at the site.

## **CURRENT ASSESSMENT ACTIVITIES**

No assessment activities were performed during third quarter 2009.

## **RECENT SUBMITTALS/CORRESPONDENCE**

Submitted by Stantec – *Quarterly Summary Report – Second Quarter 2009*, dated July 8, 2009.

## **WASTE DISPOSAL SUMMARY**

The volume of purged groundwater generated and disposed of during the quarterly groundwater monitoring event is documented in TRC's *Semi-Annual Monitoring Report, April through September 2009*, dated August 5, 2009 (Attachment 1).

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

1. TRC performed a quarterly groundwater monitoring and sampling event.
2. Stantec prepared and submitted a quarterly summary and monitoring report.

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


1. Stantec to prepare and submit a quarterly summary and monitoring report.
2. Stantec to initiate additional site assessment activities, pending regulatory approval.

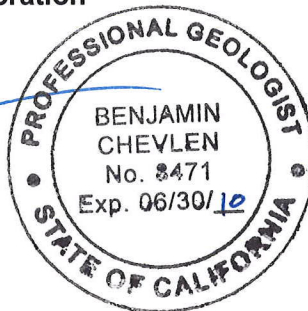
**LIMITATIONS**


This report presents our understanding of existing conditions at the subject site located at 376 Lewelling Boulevard, San Lorenzo, California. Evaluations of the geologic conditions at the site for the purposes of this investigation are inherently limited due to the number of observation points. There are no representations, warranties, or guarantees that the points selected for sampling are representative of the entire site. Data from this report reflects the conditions at specific locations at a specific point in time. Stantec assumes no responsibility for work reported or performed by other consultants or contractors. Stantec makes no warranties or guarantees for the groundwater monitoring report (Attachment 1) prepared by TRC. No other interpretation, representations, warranties, guarantees, express or implied, are included or intended in the report findings.

Sincerely,

**Stantec Consulting Corporation**

  
Benjamin Chevlen P.G.  
Senior Geologist



  
Ed Simonis, P.G.  
Senior Geologist

Attachments:

Attachment 1 - TRC's *Quarterly Monitoring Report – July through September 2009*, dated August 5, 2009.

cc: Mr. Ted Moise, ConocoPhillips (via electronic upload to Livelink only)

**ATTACHMENT 1**  
**TRC'S SEMI-ANNUAL MONITORING REPORT**  
**APRIL THROUGH SEPTEMBER 2009**

Quarterly Summary Report – Third Quarter 2009  
76 Service Station 5760  
376 Lewelling Boulevard  
San Lorenzo, California





21 Technology Drive  
Irvine, CA 92618

949.727.9336 PHONE  
949.727.7399 FAX

www.TRCsolutions.com

DATE: August 6, 2009

TO: ConocoPhillips Company  
76 Broadway  
Sacramento, CA 95818

ATTN: MR. TED MOISE

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

RE: SEMI-ANNUAL MONITORING REPORT  
APRIL THROUGH SEPTEMBER 2009

Dear Mr. Moise:

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) 727-9336.

Sincerely,

TRC

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

Anju Farfan  
Groundwater Program Operations Manager

CC: Mr. Ben Chevlen, Stantec (1 copy)

Enclosures  
20-0400/5760R16.QMS

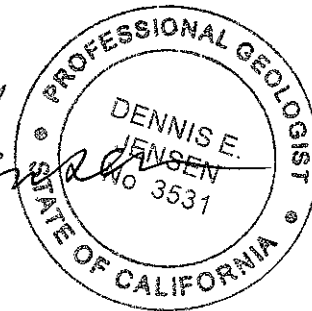
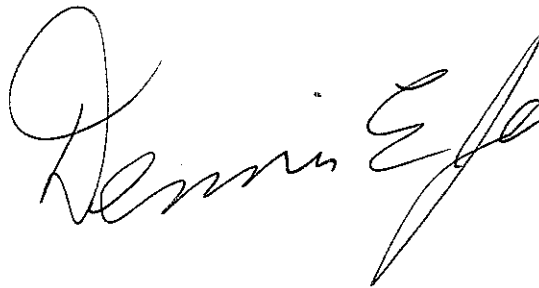
**SEMI-ANNUAL MONITORING REPORT  
APRIL THROUGH SEPTEMBER 2009**

76 STATION 5760  
376 Lewelling Boulevard  
San Lorenzo, California

Prepared For:

Mr. Ted Moise  
CONOCOPHILLIPS COMPANY  
76 Broadway  
Sacramento, California 95818

By:



Senior Project Geologist, Irvine Operations

Date: 8/5/09



**LIST OF ATTACHMENTS**

Summary Sheet	Summary of Gauging and Sampling Activities
Tables	Table Key Contents of Tables Table 1: Current Fluid Levels and Selected Analytical Results Table 1a: Additional Current Analytical Results Table 2: Historic Fluid Levels and Selected Analytical Results Table 2a: Additional Historic Analytical Results
Figures	Figure 1: Vicinity Map Figure 2: Groundwater Elevation Contour Map Figure 3: Dissolved-Phase TPH-G (GC/MS) Concentration Map Figure 4: Dissolved-Phase Benzene Concentration Map Figure 5: Dissolved-Phase MTBE Concentration Map
Graphs	Groundwater Elevations vs. Time Benzene Concentrations vs. Time
Field Activities	General Field Procedures Field Monitoring Data Sheet – 07/02/09 Groundwater Sampling Field Notes – 07/02/09 Statement of Non-Completion – 07/02/09
Laboratory Reports	Official Laboratory Reports Quality Control Reports Chain of Custody Records
Statements	Purge Water Disposal Limitations

**Summary of Gauging and Sampling Activities**  
**April 2009 through September 2009**  
**76 Station 5760**  
**376 Lewelling Boulevard**  
**San Lorenzo, CA**

Project Coordinator: **Ted Moise**  
Telephone: **510-245-5162**

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

Date(s) of Gauging/Sampling Event: **07/02/09**

**Sample Points**

Groundwater wells: **4** onsite, **5** offsite      Points gauged: **8**      Points sampled: **4**  
Purging method: **Bailer/submersible pump**  
Purge water disposal: **Veolia/Rodeo Unit 100**  
Other Sample Points: **0**      Type: --

**Liquid Phase Hydrocarbons (LPH)**

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

**Hydrogeologic Parameters**

Depth to groundwater (below TOC):      Minimum: **14.9 feet**      Maximum: **18.08 feet**  
Average groundwater elevation (relative to available local datum): **25.22 feet**  
Average change in groundwater elevation since previous event: **-0.50 feet**  
Interpreted groundwater gradient and flow direction:  
    Current event: **0.003 ft/ft, southwest**  
    Previous event: **0.006 ft/ft, southwest (05/01/09)**

**Selected Laboratory Results**

Sample Points with detected **Benzene: 0**      Sample Points above MCL (1.0 µg/l): --  
    Maximum reported benzene concentration: --  
  
Sample Points with **TPH-G by GC/MS 2**      Maximum: **21,000 µg/l (U-1R)**  
Sample Points with **MTBE 8260B 0**

**Notes:**

U-2=Monitored only, U-4=Monitored only, U-5=Sampled Q1 only, U-7=Car parked over well, 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
ug/l	=	micrograms per liter (approx. equivalent to parts per billion, ppb)
mg/l	=	milligrams per liter (approx. equivalent to parts per million, ppm)
ND<	=	not detected at or above laboratory detection limit
TOC	=	top of casing (surveyed reference elevation)
D	=	duplicate
P	=	no-purge sample

### ANALYTES

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

### NOTES

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

### 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 1 and 2

## Site: 76 Station 5760

### Current Event

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

### Historic Data

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

**Table 1**  
**CURRENT FLUID LEVELS AND SELECTED ANALYTICAL RESULTS**  
**July 2, 2009**  
**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 8015 (µg/l)	TPH-G (GC/MS) (µg/l)	Benzene (µg/l)	Toluene (µg/l)	Ethyl-benzene (µg/l)	Total Xylenes (µg/l)	MTBE (8021B) (µg/l)	MTBE (8260B) (µg/l)	Comments	
			<b>(Screen Interval in feet: 10-25)</b>												
U-1R	07/02/09	42.65	17.35	0.00	25.30	-0.46	--	21000	ND<25	ND<25	1800	3500	--	ND<25	
			<b>(Screen Interval in feet: 15.0-30.0)</b>												
U-2	07/02/09	43.65	18.08	0.00	25.57	-0.51	--	--	--	--	--	--	--	Monitored only	
			<b>(Screen Interval in feet: 10-25)</b>												
U-3R	07/02/09	41.58	16.35	0.00	25.23	-0.54	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<0.50	
			<b>(Screen Interval in feet: 15.0-28.0)</b>												
U-4	07/02/09	42.69	17.20	0.00	25.49	-0.34	--	--	--	--	--	--	--	Monitored only	
			<b>(Screen Interval in feet: 15.0-30.0)</b>												
U-5	07/02/09	41.74	16.53	0.00	25.21	-0.49	--	--	--	--	--	--	--	Sampled Q1 only	
			<b>(Screen Interval in feet: 13.0-28.0)</b>												
U-6	07/02/09	40.07	15.10	0.00	24.97	-0.58	--	110	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<0.50	
			<b>(Screen Interval in feet: 15.0-35.0)</b>												
U-7	07/02/09	39.50	--	--	--	--	--	--	--	--	--	--	--	Car parked over well	
			<b>(Screen Interval in feet: 15.0-30.0)</b>												
U-8	07/02/09	40.95	15.75	0.00	25.20	-0.55	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<0.50	
			<b>(Screen Interval in feet: 13.0-28.0)</b>												
U-9	07/02/09	39.72	14.90	0.00	24.82	-0.53	--	--	--	--	--	--	--	Sampled Q1 only	



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

Date Sampled	TBA (µg/l)	Ethanol (8260B) (µg/l)	Ethylene- dibromide (EDB) (µg/l)	1,2-DCA (EDC) (µg/l)	DIPE (µg/l)	ETBE (µg/l)	TAME (µg/l)
<b>U-1R</b>							
07/02/09	ND<500	ND<12000	ND<25	ND<25	ND<25	ND<25	ND<25
<b>U-3R</b>							
07/02/09	ND<10	ND<250	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50
<b>U-6</b>							
07/02/09	ND<10	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50
<b>U-8</b>							
07/02/09	ND<10	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50

**Table 2**  
**HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS**  
**February 1988 Through July 2009**  
**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 8015 (µg/l)	TPH-G (GC/MS) (µg/l)	Benzene (µg/l)	Toluene (µg/l)	Ethyl-benzene (µg/l)	Total Xylenes (µg/l)	MTBE (8021B) (µg/l)	MTBE (8260B) (µg/l)	Comments
<b>U-1 (Screen Interval in feet: 10.5-30.5)</b>														
02/09/88	--	--	--	--	--	93000	--	3600	11000	--	20000	--	--	
03/20/90	--	--	--	--	--	36000	--	2100	5500	1900	9300	--	--	
06/05/90	--	--	--	--	--	46000	--	2300	5500	2500	11000	--	--	
08/24/90	--	--	--	--	--	27000	--	1200	1800	1400	5500	--	--	
12/05/90	--	--	--	--	--	--	--	--	--	--	--	--	--	Not sampled due to free product
03/04/91	--	--	--	--	--	--	--	--	--	--	--	--	--	Not sampled due to free product
06/03/91	--	--	--	--	--	--	--	--	--	--	--	--	--	Not sampled due to free product
09/19/91	--	--	--	--	--	--	--	--	--	--	--	--	--	Not sampled due to free product
12/04/91	--	--	--	--	--	--	--	--	--	--	--	--	--	Not sampled due to free product
03/05/92	--	--	--	--	--	--	--	--	--	--	--	--	--	Not sampled due to free product
04/07/92	--	--	--	--	--	--	--	--	--	--	--	--	--	Not sampled due to free product
08/06/92	--	--	--	--	--	--	--	--	--	--	--	--	--	Not sampled due to free product
11/20/92	--	--	--	--	--	--	--	--	--	--	--	--	--	Not sampled due to free product
02/12/93	--	--	--	--	--	70000	--	2200	8400	3100	18000	--	--	
06/04/93	40.51	16.72	0.00	23.79	--	35000	--	1300	5700	900	9200	--	--	
09/09/93	40.51	17.77	0.00	22.74	-1.05	67000	--	2900	18000	6200	32000	--	--	

**Table 2**  
**HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS**  
**February 1988 Through July 2009**  
**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 8015 (µg/l)	TPH-G (GC/MS) (µg/l)	Benzene (µg/l)	Toluene (µg/l)	Ethyl-benzene (µg/l)	Total Xylenes (µg/l)	MTBE (8021B) (µg/l)	MTBE (8260B) (µg/l)	Comments
<b>U-1 continued</b>														
12/02/93	40.20	18.36	0.01	21.85	-0.89	--	--	--	--	--	--	--	--	Not sampled due to free product
03/09/94	40.20	17.20	0.00	23.00	1.15	45000	--	930	4100	2000	11000	--	--	
06/09/94	40.20	17.42	0.00	22.78	-0.22	59000	--	5200	1300	5200	15000	--	--	
09/07/94	40.20	18.17	0.00	22.03	-0.75	41000	--	1600	6200	3100	16000	--	--	
12/05/94	40.20	16.67	0.00	23.53	1.50	1300	--	55	20	16	330	--	--	
03/09/95	40.20	15.82	0.00	24.38	0.85	49000	--	860	3200	1900	10000	1500	--	
06/13/95	40.20	14.70	0.00	25.50	1.12	53000	--	1400	5000	2500	14000	2800	--	
09/12/95	40.01	16.77	0.00	23.24	-2.26	43000	--	910	2700	1700	9600	1400	--	
12/14/95	40.20	--	--	--	--	--	--	--	--	--	--	--	--	Inaccessible; system not running
03/20/96	40.20	--	--	--	--	--	--	--	--	--	--	--	--	Inaccessible; system not running
03/22/96	40.20	--	--	--	--	13000	--	200	590	640	4000	790	--	
09/24/96	40.20	--	--	--	--	--	--	--	--	--	--	--	--	Inaccessible; system not running
03/27/97	40.20	15.29	0.00	24.91	--	1300	--	8	ND	ND	400	ND	--	
09/23/97	40.20	17.20	0.00	23.00	-1.91	2000	--	15	ND	ND	530	ND	--	
03/10/98	40.20	12.68	0.00	27.52	4.52	2200	--	19	4.8	ND	980	38	--	
09/04/98	40.20	16.84	0.00	23.36	-4.16	5300	--	53	ND	410	620	ND	--	
03/04/99	40.20	13.04	0.00	27.16	3.80	1500	--	19	ND	56	110	310	--	
09/13/99	40.20	17.14	0.00	23.06	-4.10	5850	--	32.7	ND	520	925	ND	--	
03/21/00	40.20	14.36	0.00	25.84	2.78	4820	--	17.4	7.74	297	1370	ND	--	
09/18/00	40.20	16.72	0.00	23.48	-2.36	647	--	6.44	ND	22.3	6.86	22.2	--	

**Table 2**  
**HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS**  
**February 1988 Through July 2009**  
**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 8015 (µg/l)	TPH-G (GC/MS) (µg/l)	Benzene (µg/l)	Toluene (µg/l)	Ethyl-benzene (µg/l)	Total Xylenes (µg/l)	MTBE (8021B) (µg/l)	MTBE (8260B) (µg/l)	Comments
<b>U-1 continued</b>														
10/13/00	40.20	16.85	0.00	23.35	-0.13	--	--	--	--	--	--	--	29	
03/16/01	40.20	15.84	0.00	24.36	1.01	4950	--	1.73	1.77	429	536	613	--	
09/04/01	40.20	17.16	0.00	23.04	-1.32	11000	--	25	ND<10	1100	1800	370	--	
03/18/02	40.20	15.60	--	24.60	1.56	8100	--	ND<20	ND<20	740	1300	ND<200	--	
09/17/02	40.20	17.35	0.00	22.85	-1.75	--	4200	ND<2.5	ND<2.5	120	43	--	280	
03/28/03	40.20	15.72	0.00	24.48	1.63	--	560	ND<0.50	ND<0.50	0.96	ND<1.0	--	69	
09/05/03	40.20	16.77	--	23.43	-1.05	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<2	
03/04/04	40.20	14.64	0.00	25.56	2.13	--	20000	ND<20	ND<20	1900	8300	--	ND<80	
09/09/04	40.20	16.64	0.00	23.56	-2.00	--	22000	ND<20	ND<20	1800	6100	--	ND<20	
03/01/05	40.20	14.70	0.00	25.50	1.94	--	25000	ND<13	ND<13	1900	6800	--	ND<13	
08/02/05	40.20	15.44	0.00	24.76	-0.74	--	11000	ND<10	ND<10	780	2600	--	ND<10	
01/20/06	40.20	14.66	0.00	25.54	0.78	--	65000	5.0	ND<0.50	5000	18000	--	2.6	
07/11/06	40.20	15.01	0.00	25.19	-0.35	--	9200	ND<50	ND<50	680	2400	--	ND<50	
03/09/07	40.20	15.52	0.00	24.68	-0.51	--	15000	6.7	ND<5.0	890	3200	--	ND<5.0	
07/06/07	40.20	--	--	--	--	--	--	--	--	--	--	--	--	Abandoned on 7/18/07
<b>U-1R (Screen Interval in feet: 10-25)</b>														
07/06/07	42.65	17.24	0.00	25.41	--	--	36000	7.2	8.3	2200	10000	--	ND<0.50	Gauged and sampled on 8/10/07
01/07/08	42.65	16.51	0.00	26.14	0.73	--	28000	ND<12	ND<12	1900	7300	--	ND<12	
06/24/08	42.65	17.56	0.00	25.09	-1.05	--	29000	ND<25	ND<25	2400	7900	--	ND<25	
08/29/08	42.65	17.68	0.00	24.97	-0.12	--	35000	ND<25	ND<25	3000	8900	--	ND<25	
11/17/08	42.65	18.10	0.00	24.55	-0.42	--	24000	ND<25	ND<25	2200	6300	--	ND<25	
03/13/09	42.65	16.40	0.00	26.25	1.70	--	20000	ND<12	ND<12	1800	4400	--	ND<12	

**Table 2**  
**HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS**  
**February 1988 Through July 2009**  
**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 8015 (µg/l)	TPH-G (GC/MS) (µg/l)	Benzene (µg/l)	Toluene (µg/l)	Ethyl-benzene (µg/l)	Total Xylenes (µg/l)	MTBE (8021B) (µg/l)	MTBE (8260B) (µg/l)	Comments
<b>U-1R continued</b>														
05/01/09	42.65	16.89	0.00	25.76	-0.49	--	17000	ND<12	ND<12	1600	3400	--	ND<12	
07/02/09	42.65	17.35	0.00	25.30	-0.46	--	21000	ND<25	ND<25	1800	3500	--	ND<25	
<b>U-2 (Screen Interval in feet: 15.0-30.0)</b>														
08/23/90	--	--	--	--	--	ND	--	ND	ND	ND	ND	--	--	
12/05/90	--	--	--	--	--	ND	--	ND	ND	ND	ND	--	--	
03/04/91	--	--	--	--	--	ND	--	ND	0.9	ND	2.6	--	--	
06/03/91	--	--	--	--	--	ND	--	ND	ND	ND	ND	--	--	
09/19/91	--	--	--	--	--	ND	--	ND	ND	ND	ND	--	--	
12/04/91	--	--	--	--	--	ND	--	ND	ND	ND	ND	--	--	
03/05/92	--	--	--	--	--	ND	--	ND	0.36	ND	ND	--	--	
04/07/92	--	--	--	--	--	ND	--	ND	ND	ND	ND	--	--	
08/06/92	--	--	--	--	--	ND	--	ND	ND	ND	ND	--	--	
11/20/92	--	--	--	--	--	ND	--	ND	ND	ND	ND	--	--	
02/12/93	--	--	--	--	--	ND	--	ND	ND	ND	ND	--	--	
06/04/93	41.62	17.59	0.00	24.03	--	ND	--	ND	ND	ND	ND	--	--	
09/09/93	41.62	18.68	0.00	22.94	-1.09	ND	--	ND	ND	ND	ND	--	--	
12/02/93	41.26	19.23	0.00	22.03	-0.91	ND	--	ND	ND	ND	ND	--	--	
03/09/94	41.26	18.05	0.00	23.21	1.18	62	--	1.1	5.4	1.1	9.7	--	--	
04/13/94	41.26	18.18	0.00	23.08	-0.13	ND	--	ND	ND	ND	ND	--	--	
06/09/94	41.26	18.26	0.00	23.00	-0.08	ND	--	ND	ND	ND	ND	--	--	
09/07/94	41.26	19.28	0.00	21.98	-1.02	ND	--	ND	0.63	ND	0.61	--	--	
12/05/94	41.26	18.82	0.00	22.44	0.46	ND	--	ND	ND	ND	ND	--	--	
03/09/95	41.26	16.96	0.00	24.30	1.86	ND	--	ND	ND	ND	ND	ND	--	

**Table 2**  
**HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS**  
**February 1988 Through July 2009**  
**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 8015 (µg/l)	TPH-G (GC/MS) (µg/l)	Benzene (µg/l)	Toluene (µg/l)	Ethyl-benzene (µg/l)	Total Xylenes (µg/l)	MTBE (8021B) (µg/l)	MTBE (8260B) (µg/l)	Comments
<b>U-2 continued</b>														
06/13/95	41.26	16.71	0.00	24.55	0.25	ND	--	ND	ND	ND	ND	ND	--	
09/12/95	41.26	17.80	0.00	23.46	-1.09	ND	--	ND	ND	ND	ND	ND	--	
12/14/95	41.26	18.18	0.00	23.08	-0.38	ND	--	ND	ND	ND	ND	ND	--	
03/20/96	41.26	15.02	0.00	26.24	3.16	--	--	--	--	--	--	--	--	
09/24/96	41.26	17.90	0.00	23.36	-2.88	--	--	--	--	--	--	--	--	
03/27/97	41.26	16.45	0.00	24.81	1.45	ND	--	ND	ND	ND	ND	ND	--	
09/23/97	41.26	18.40	0.00	22.86	-1.95	--	--	--	--	--	--	--	--	
03/10/98	41.26	13.79	0.00	27.47	4.61	ND	--	ND	ND	ND	ND	ND	--	
09/04/98	41.26	17.98	0.00	23.28	-4.19	--	--	--	--	--	--	--	--	
03/04/99	41.26	14.96	0.00	26.30	3.02	ND	--	ND	ND	ND	ND	ND	--	
09/13/99	41.26	18.25	0.00	23.01	-3.29	--	--	--	--	--	--	--	--	
03/21/00	41.26	15.54	0.00	25.72	2.71	ND	--	ND	ND	ND	ND	ND	--	
09/18/00	41.26	17.55	0.00	23.71	-2.01	--	--	--	--	--	--	--	--	
03/16/01	41.26	17.06	0.00	24.20	0.49	--	--	--	--	--	--	--	--	
09/04/01	41.26	18.39	0.00	22.87	-1.33	--	--	--	--	--	--	--	--	
03/18/02	41.26	16.87	--	24.39	1.52	--	--	--	--	--	--	--	--	
09/17/02	41.26	18.33	0.00	22.93	-1.46	--	--	--	--	--	--	--	--	
03/28/03	41.26	16.95	0.00	24.31	1.38	--	--	--	--	--	--	--	--	
09/05/03	41.26	18.00	0.00	23.26	-1.05	--	--	--	--	--	--	--	--	
03/04/04	41.26	16.17	0.00	25.09	1.83	--	--	--	--	--	--	--	--	Monitored Only
09/09/04	41.26	--	--	--	--	--	--	--	--	--	--	--	--	Monitored Only
														Inaccessible-car parked on well
03/01/05	41.26	--	--	--	--	--	--	--	--	--	--	--	--	Car parked on well

**Table 2**  
**HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS**  
**February 1988 Through July 2009**  
**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 8015 (µg/l)	TPH-G (GC/MS) (µg/l)	Benzene (µg/l)	Toluene (µg/l)	Ethyl-benzene (µg/l)	Total Xylenes (µg/l)	MTBE (8021B) (µg/l)	MTBE (8260B) (µg/l)	Comments
<b>U-2 continued</b>														
08/02/05	41.26	16.62	0.00	24.64	--	--	--	--	--	--	--	--	--	Monitored only
01/20/06	41.26	16.24	0.00	25.02	0.38	--	--	--	--	--	--	--	--	Monitored only
07/11/06	41.26	16.15	0.00	25.11	0.09	--	--	--	--	--	--	--	--	Monitored Only
03/09/07	41.26	16.71	0.00	24.55	-0.56	--	--	--	--	--	--	--	--	Monitored Only
07/06/07	43.65	17.80	0.00	25.85	1.30	--	--	--	--	--	--	--	--	Monitored Only
01/07/08	43.65	17.73	0.00	25.92	0.07	--	--	--	--	--	--	--	--	Monitored Only
06/24/08	43.65	18.00	0.00	25.65	-0.27	--	--	--	--	--	--	--	--	Monitored Only
08/29/08	43.65	17.93	0.00	25.72	0.07	--	--	--	--	--	--	--	--	Monitored only
11/17/08	43.65	18.85	0.00	24.80	-0.92	--	--	--	--	--	--	--	--	Monitored only
03/13/09	43.65	17.20	0.00	26.45	1.65	--	--	--	--	--	--	--	--	Monitored only
05/01/09	43.65	17.57	0.00	26.08	-0.37	--	--	--	--	--	--	--	--	Monitored only
07/02/09	43.65	18.08	0.00	25.57	-0.51	--	--	--	--	--	--	--	--	Monitored only
<b>U-3 (Screen Interval in feet: 15.0-25.0)</b>														
08/23/90	--	--	--	--	--	110000	--	4400	13000	2800	17000	--	--	
12/05/90	--	--	--	--	--	69000	--	1900	3500	1600	9800	--	--	
01/18/91	--	--	--	--	--	51000	--	1700	3100	1500	7500	--	--	
03/04/91	--	--	--	--	--	84000	--	1400	10000	2900	17000	--	--	
06/03/91	--	--	--	--	--	130000	--	5800	19000	4600	24000	--	--	
09/19/91	--	--	--	--	--	61000	--	3300	9700	2800	15000	--	--	
12/04/91	--	--	--	--	--	75000	--	2500	6100	1900	11000	--	--	
03/05/92	--	--	--	--	--	160000	--	5300	15000	5400	26000	--	--	
04/07/92	--	--	--	--	--	97000	--	6100	16000	5400	28000	--	--	
08/06/92	--	--	--	--	--	140000	--	5100	13000	5000	23000	--	--	

**Table 2**  
**HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS**  
**February 1988 Through July 2009**  
**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 8015 (µg/l)	TPH-G (GC/MS) (µg/l)	Benzene (µg/l)	Toluene (µg/l)	Ethyl-benzene (µg/l)	Total Xylenes (µg/l)	MTBE (8021B) (µg/l)	MTBE (8260B) (µg/l)	Comments
<b>U-3 continued</b>														
11/20/92	--	--	--	--	--	50000	--	3200	4700	1900	10000	--	--	
02/12/93	--	--	--	--	--	80000	--	3700	9400	3700	18000	--	--	
06/04/93	39.64	15.48	0.00	24.16	--	92000	--	2900	8700	4300	20000	--	--	
09/09/93	39.64	17.04	0.00	22.60	-1.56	110000	--	2800	10000	6500	31000	--	--	
12/02/93	39.26	17.55	0.00	21.71	-0.89	110000	--	3200	7700	5600	26000	--	--	
03/09/94	39.26	16.35	0.00	22.91	1.20	120000	--	4500	8300	5600	28000	--	--	
06/09/94	39.26	16.60	0.00	22.66	-0.25	120000	--	3300	6100	5200	26000	--	--	
09/07/94	39.26	17.61	0.00	21.65	-1.01	100000	--	2400	4900	4200	21000	--	--	
12/05/94	39.26	17.08	0.00	22.18	0.53	140000	--	3100	5100	4900	21000	--	--	
03/09/95	39.26	15.20	0.00	24.06	1.88	100000	--	2300	3300	4800	21000	54000	--	
06/13/95	39.26	15.11	0.00	24.15	0.09	64000	--	1700	1500	3800	18000	900	--	
09/12/95	39.26	16.11	0.00	23.15	-1.00	69000	--	1700	820	4000	19000	29000	--	
12/14/95	39.26	--	--	--	--	--	--	--	--	--	--	--	--	Inaccessible; system not running
03/20/96	39.26	--	--	--	--	--	--	--	--	--	--	--	--	Inaccessible; system not running
03/22/96	39.26	--	--	--	--	15000	--	150	490	480	3100	400	--	
09/24/96	39.26	--	--	--	--	--	--	--	--	--	--	--	--	Inaccessible; system not running
03/27/97	39.26	14.77	0.00	24.49	--	110	--	ND	ND	ND	0.62	9.6	--	
09/23/97	39.26	16.74	0.00	22.52	-1.97	ND	--	ND	ND	ND	ND	ND	--	
03/10/98	39.26	12.18	0.00	27.08	4.56	ND	--	ND	ND	ND	3.1	ND	--	
09/04/98	39.26	16.46	0.00	22.80	-4.28	ND	--	ND	ND	1.2	2.3	ND	--	
03/04/99	39.26	13.48	0.00	25.78	2.98	ND	--	ND	ND	ND	ND	ND	--	



**Table 2**  
**HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS**  
**February 1988 Through July 2009**  
**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 8015 (µg/l)	TPH-G (GC/MS) (µg/l)	Benzene (µg/l)	Toluene (µg/l)	Ethyl-benzene (µg/l)	Total Xylenes (µg/l)	MTBE (8021B) (µg/l)	MTBE (8260B) (µg/l)	Comments
<b>U-3 continued</b>														
09/13/99	39.26	16.71	0.00	22.55	-3.23	ND	--	ND	1.77	ND	1.06	9.08	--	
03/21/00	39.26	13.87	--	25.39	2.84	18700	--	ND	ND	1290	4770	ND	--	
09/18/00	39.26	16.12	0.00	23.14	-2.25	ND	--	ND	ND	ND	ND	ND	--	
03/16/01	39.26	15.35	0.00	23.91	0.77	2310	--	ND	ND	184	618	ND	--	
09/04/01	39.26	16.71	0.00	22.55	-1.36	340	--	0.95	ND<0.50	8.1	18	ND<5.0	--	
03/18/02	39.26	15.11	--	24.15	1.60	6500	--	ND<10	ND<10	390	1400	ND<100	--	
09/17/02	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	
03/28/03	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	
09/05/03	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	
03/04/04	39.26	14.11	0.00	25.15	2.19	--	14000	ND<10	ND<10	940	3500	--	ND<40	
09/09/04	39.26	16.22	0.00	23.04	-2.11	--	1300	ND<2.5	ND<2.5	66	160	--	ND<2.5	
03/01/05	39.26	14.18	0.00	25.08	2.04	--	14000	ND<5.0	ND<5.0	690	2000	--	ND<5.0	
08/02/05	39.26	14.93	0.00	24.33	-0.75	--	6300	ND<2.5	ND<2.5	320	970	--	ND<2.5	
01/20/06	39.26	14.14	0.00	25.12	0.79	--	7600	ND<0.50	ND<0.50	390	890	--	ND<0.50	
07/11/06	39.26	14.52	0.00	24.74	-0.38	--	3800	ND<5.0	ND<5.0	190	420	--	ND<5.0	
03/09/07	39.26	15.05	0.00	24.21	-0.53	--	3800	ND<2.5	ND<2.5	130	240	--	ND<2.5	
07/06/07	39.26	16.17	0.00	23.09	-1.12	--	390	ND<0.50	ND<0.50	11	16	--	ND<0.50	Abandoned on 7/19/07
<b>U-3R (Screen Interval in feet: 10-25)</b>														
07/06/07	41.58	16.29	0.00	25.29	--	--	290	ND<0.50	ND<0.50	ND<0.50	0.99	--	ND<0.50	Gauged and sampled on 8/10/07
01/07/08	41.58	15.46	0.00	26.12	0.83	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<0.50	
06/24/08	41.58	16.30	0.00	25.28	-0.84	--	99	ND<0.50	ND<0.50	11	2.5	--	ND<0.50	
08/29/08	41.58	16.74	0.00	24.84	-0.44	--	1500	ND<0.50	ND<0.50	100	51	--	ND<0.50	

**Table 2**  
**HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS**  
**February 1988 Through July 2009**  
**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 8015 (µg/l)	TPH-G (GC/MS) (µg/l)	Benzene (µg/l)	Toluene (µg/l)	Ethyl-benzene (µg/l)	Total Xylenes (µg/l)	MTBE (8021B) (µg/l)	MTBE (8260B) (µg/l)	Comments
<b>U-3R continued</b>														
11/17/08	41.58	17.13	0.00	24.45	-0.39	--	740	ND<0.50	ND<0.50	67	17	--	ND<0.50	
03/13/09	41.58	15.40	0.00	26.18	1.73	--	1300	ND<0.50	ND<0.50	100	22	--	ND<0.50	
05/01/09	41.58	15.81	0.00	25.77	-0.41	--	290	ND<0.50	ND<0.50	26	2.6	--	ND<0.50	
07/02/09	41.58	16.35	0.00	25.23	-0.54	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<0.50	
<b>U-4 (Screen Interval in feet: 15.0-28.0)</b>														
08/23/90	--	--	--	--	--	ND	--	ND	1.0	ND	1.8	--	--	
12/05/90	--	--	--	--	--	ND	--	ND	ND	ND	ND	--	--	
01/18/91	--	--	--	--	--	ND	--	ND	ND	ND	ND	--	--	
03/04/91	--	--	--	--	--	ND	--	ND	ND	ND	ND	--	--	
06/03/91	--	--	--	--	--	ND	--	ND	ND	ND	ND	--	--	
09/19/91	--	--	--	--	--	ND	--	ND	ND	ND	ND	--	--	
12/04/91	--	--	--	--	--	ND	--	ND	ND	ND	ND	--	--	
03/05/92	--	--	--	--	--	ND	--	ND	ND	ND	ND	--	--	
04/07/92	--	--	--	--	--	ND	--	ND	ND	ND	ND	--	--	
08/06/92	--	--	--	--	--	ND	--	ND	ND	ND	ND	--	--	
11/20/92	--	--	--	--	--	ND	--	ND	2.5	ND	ND	--	--	
02/12/93	--	--	--	--	--	ND	--	ND	ND	ND	ND	--	--	
06/04/93	40.53	16.73	0.00	23.80	--	ND	--	ND	ND	ND	ND	--	--	
09/09/93	40.53	16.89	0.00	23.64	-0.16	ND	--	ND	ND	ND	ND	--	--	
12/02/93	40.25	18.46	0.00	21.79	-1.85	ND	--	ND	ND	ND	2.6	--	--	
03/09/94	40.25	17.30	0.00	22.95	1.16	ND	--	1.4	4.7	1.1	8.1	--	--	
04/13/94	40.25	17.44	0.00	22.81	-0.14	ND	--	ND	ND	ND	ND	--	--	
06/09/94	40.25	17.53	0.00	22.72	-0.09	ND	--	ND	ND	ND	ND	--	--	

**Table 2**  
**HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS**  
**February 1988 Through July 2009**  
**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 8015 (µg/l)	TPH-G (GC/MS) (µg/l)	Benzene (µg/l)	Toluene (µg/l)	Ethyl-benzene (µg/l)	Total Xylenes (µg/l)	MTBE (8021B) (µg/l)	MTBE (8260B) (µg/l)	Comments
<b>U-4 continued</b>														
09/07/94	40.28	18.52	0.00	21.76	-0.96	ND	--	ND	1.1	ND	1.0	--	--	
12/05/94	40.28	18.08	0.00	22.20	0.44	ND	--	ND	ND	ND	ND	--	--	
03/09/95	40.28	16.16	0.00	24.12	1.92	ND	--	ND	ND	ND	ND	ND	--	
06/13/95	40.25	15.95	0.00	24.30	0.18	ND	--	ND	ND	ND	ND	2.7	--	
09/12/95	40.25	17.10	0.00	23.15	-1.15	ND	--	ND	ND	ND	ND	ND	--	
12/14/95	40.25	17.43	0.00	22.82	-0.33	ND	--	ND	ND	ND	ND	1.3	--	
03/20/96	40.25	14.93	0.00	25.32	2.50	--	--	--	--	--	--	--	--	
09/24/96	40.25	17.19	0.00	23.06	-2.26	--	--	--	--	--	--	--	--	
03/27/97	40.25	15.66	0.00	24.59	1.53	ND	--	ND	ND	ND	ND	ND	--	
09/23/97	40.25	17.69	0.00	22.56	-2.03	--	--	--	--	--	--	--	--	
03/10/98	40.25	12.99	0.00	27.26	4.70	ND	--	ND	ND	ND	ND	ND	--	
09/04/98	40.25	17.28	0.00	22.97	-4.29	--	--	--	--	--	--	--	--	
03/04/99	40.25	14.17	0.00	26.08	3.11	ND	--	ND	ND	ND	ND	ND	--	
09/13/99	40.25	17.55	0.00	22.70	-3.38	--	--	--	--	--	--	--	--	
03/21/00	40.25	14.74	0.00	25.51	2.81	ND	--	ND	ND	ND	ND	ND	--	
09/18/00	40.25	16.88	0.00	23.37	-2.14	--	--	--	--	--	--	--	--	
03/16/01	40.25	16.32	0.00	23.93	0.56	--	--	--	--	--	--	--	--	
09/04/01	40.25	17.70	0.00	22.55	-1.38	--	--	--	--	--	--	--	--	
03/18/02	40.25	16.08	--	24.17	1.62	--	--	--	--	--	--	--	--	
09/17/02	40.25	16.56	0.00	23.69	-0.48	--	--	--	--	--	--	--	--	
03/28/03	40.25	16.15	0.00	24.10	0.41	--	--	--	--	--	--	--	--	
09/05/03	40.25	17.20	0.00	23.05	-1.05	--	--	--	--	--	--	--	--	Monitored Only
03/04/04	40.25	15.39	0.00	24.86	1.81	--	--	--	--	--	--	--	--	Monitored Only

**Table 2**  
**HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS**  
**February 1988 Through July 2009**  
**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 8015 (µg/l)	TPH-G (GC/MS) (µg/l)	Benzene (µg/l)	Toluene (µg/l)	Ethyl-benzene (µg/l)	Total Xylenes (µg/l)	MTBE (8021B) (µg/l)	MTBE (8260B) (µg/l)	Comments
<b>U-4 continued</b>														
09/09/04	40.25	16.98	0.00	23.27	-1.59	--	--	--	--	--	--	--	--	Monitored Only
03/01/05	40.25	14.97	0.00	25.28	2.01	--	--	--	--	--	--	--	--	Monitor Only
08/02/05	40.25	15.82	0.00	24.43	-0.85	--	--	--	--	--	--	--	--	Monitored Only
01/20/06	40.25	15.04	0.00	25.21	0.78	--	--	--	--	--	--	--	--	Monitored only
07/11/06	40.25	15.38	0.00	24.87	-0.34	--	--	--	--	--	--	--	--	Monitored Only
03/09/07	40.25	16.00	0.00	24.25	-0.62	--	--	--	--	--	--	--	--	Monitored Only
07/06/07	42.69	17.15	0.00	25.54	1.29	--	--	--	--	--	--	--	--	Monitored Only
01/07/08	42.69	16.65	0.00	26.04	0.50	--	--	--	--	--	--	--	--	Monitored Only
06/24/08	42.69	17.40	0.00	25.29	-0.75	--	--	--	--	--	--	--	--	Monitored Only
08/29/08	42.69	17.62	0.00	25.07	-0.22	--	--	--	--	--	--	--	--	Monitored only
11/17/08	42.69	18.20	0.00	24.49	-0.58	--	--	--	--	--	--	--	--	Monitored only
03/13/09	42.69	16.30	0.00	26.39	1.90	--	--	--	--	--	--	--	--	Monitored only
05/01/09	42.69	16.86	0.00	25.83	-0.56	--	--	--	--	--	--	--	--	Monitored only
07/02/09	42.69	17.20	0.00	25.49	-0.34	--	--	--	--	--	--	--	--	Monitored only
<b>U-5 (Screen Interval in feet: 15.0-30.0)</b>														
04/07/92	--	--	--	--	--	ND	--	ND	ND	ND	ND	--	--	
08/06/92	--	--	--	--	--	ND	--	ND	ND	ND	ND	--	--	
11/20/92	--	--	--	--	--	ND	--	ND	ND	ND	ND	--	--	
02/12/93	--	--	--	--	--	ND	--	ND	ND	ND	ND	--	--	
06/04/93	39.61	16.05	0.00	23.56	--	ND	--	ND	ND	ND	ND	--	--	
09/09/93	39.61	16.90	0.00	22.71	-0.85	ND	--	ND	ND	ND	ND	--	--	
12/02/93	39.31	17.66	0.00	21.65	-1.06	ND	--	ND	ND	ND	ND	--	--	
03/09/94	39.31	16.45	0.00	22.86	1.21	71	--	1.7	6.3	1.5	10	--	--	

**Table 2**  
**HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS**  
**February 1988 Through July 2009**  
**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 8015 (µg/l)	TPH-G (GC/MS) (µg/l)	Benzene (µg/l)	Toluene (µg/l)	Ethyl-benzene (µg/l)	Total Xylenes (µg/l)	MTBE (8021B) (µg/l)	MTBE (8260B) (µg/l)	Comments
<b>U-5 continued</b>														
04/13/94	39.31	16.64	0.00	22.67	-0.19	ND	--	ND	ND	ND	ND	--	--	
06/09/94	39.31	16.70	0.00	22.61	-0.06	ND	--	ND	ND	ND	ND	--	--	
09/07/94	39.31	17.73	0.00	21.58	-1.03	ND	--	ND	0.73	ND	0.84	--	--	
12/05/94	39.31	17.23	0.00	22.08	0.50	ND	--	ND	ND	ND	ND	--	--	
03/09/95	39.31	15.35	0.00	23.96	1.88	ND	--	ND	ND	ND	ND	ND	--	
06/13/95	39.31	15.16	0.00	24.15	0.19	ND	--	ND	ND	ND	ND	0.87	--	
09/12/95	39.31	16.30	0.00	23.01	-1.14	ND	--	ND	ND	ND	ND	ND	--	
12/14/95	39.31	16.56	0.00	22.75	-0.26	ND	--	ND	ND	ND	ND	ND	--	
03/20/96	39.31	14.07	0.00	25.24	2.49	--	--	--	--	--	--	--	--	
09/24/96	39.31	16.55	0.00	22.76	-2.48	--	--	--	--	--	--	--	--	
03/27/97	39.31	14.85	0.00	24.46	1.70	ND	--	ND	ND	ND	ND	ND	--	
09/23/97	39.31	16.90	0.00	22.41	-2.05	--	--	--	--	--	--	--	--	Sampled annually
03/10/98	39.31	12.21	0.00	27.10	4.69	ND	--	ND	ND	ND	ND	ND	--	
09/04/98	39.31	16.57	0.00	22.74	-4.36	--	--	--	--	--	--	--	--	
03/04/99	39.31	13.42	0.00	25.89	3.15	ND	--	ND	0.67	ND	ND	ND	--	
09/13/99	39.31	17.02	0.00	22.29	-3.60	--	--	--	--	--	--	--	--	
03/21/00	39.31	13.93	0.00	25.38	3.09	ND	--	ND	ND	ND	ND	ND	--	
09/18/00	39.31	16.17	0.00	23.14	-2.24	--	--	--	--	--	--	--	--	
03/16/01	39.31	15.51	0.00	23.80	0.66	ND	--	ND	ND	ND	ND	ND	--	
09/04/01	39.31	16.88	0.00	22.43	-1.37	--	--	--	--	--	--	--	--	
03/18/02	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	--	
09/17/02	39.31	16.71	0.00	22.60	-1.46	--	--	--	--	--	--	--	--	Sampled annually
03/28/03	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	

**Table 2**  
**HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS**  
**February 1988 Through July 2009**  
**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 8015 (µg/l)	TPH-G (GC/MS) (µg/l)	Benzene (µg/l)	Toluene (µg/l)	Ethyl-benzene (µg/l)	Total Xylenes (µg/l)	MTBE (8021B) (µg/l)	MTBE (8260B) (µg/l)	Comments
<b>U-5 continued</b>														
09/05/03	39.31	16.26	0.00	23.05	-1.05	--	--	--	--	--	--	--	--	Sampled annually
03/04/04	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	
09/09/04	39.31	16.30	0.00	23.01	-1.51	--	--	--	--	--	--	--	--	Monitored Only
03/01/05	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	
08/02/05	39.31	15.02	0.00	24.29	-0.64	--	--	--	--	--	--	--	--	Sampled Annually
01/20/06	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	
07/11/06	39.31	14.60	0.00	24.71	-0.37	--	--	--	--	--	--	--	--	Sampled Q1 only
03/09/07	39.31	15.10	0.00	24.21	-0.50	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--	ND<0.50	
07/06/07	41.74	16.23	0.00	25.51	1.30	--	--	--	--	--	--	--	--	Sampled Q1 only
01/07/08	41.74	15.81	0.00	25.93	0.42	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<0.50	
06/24/08	41.74	16.51	0.00	25.23	-0.70	--	--	--	--	--	--	--	--	Sampled Q1 only
08/29/08	41.74	16.98	0.00	24.76	-0.47	--	--	--	--	--	--	--	--	Sampled Q1 only
11/17/08	41.74	17.25	0.00	24.49	-0.27	--	--	--	--	--	--	--	--	Sampled Q1 only
03/13/09	41.74	15.78	0.00	25.96	1.47	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<0.50	
05/01/09	41.74	16.04	0.00	25.70	-0.26	--	--	--	--	--	--	--	--	Sampled Q1 only
07/02/09	41.74	16.53	0.00	25.21	-0.49	--	--	--	--	--	--	--	--	Sampled Q1 only
<b>U-6 (Screen Interval in feet: 13.0-28.0)</b>														
04/07/92	--	--	--	--	--	6600	--	90	ND	820	1200	--	--	
08/06/92	--	--	--	--	--	9200	--	160	ND	360	150	--	--	
11/20/92	--	--	--	--	--	--	--	--	--	--	--	--	--	Inaccessible
02/12/93	--	--	--	--	--	2600	--	27	ND	120	51	--	--	
06/04/93	37.94	14.45	0.00	23.49	--	13000	--	100	38	450	320	--	--	
09/09/93	37.94	15.56	0.00	22.38	-1.11	6300	--	29	ND	120	34	--	--	

**Table 2**  
**HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS**  
**February 1988 Through July 2009**  
**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 8015 (µg/l)	TPH-G (GC/MS) (µg/l)	Benzene (µg/l)	Toluene (µg/l)	Ethyl-benzene (µg/l)	Total Xylenes (µg/l)	MTBE (8021B) (µg/l)	MTBE (8260B) (µg/l)	Comments
<b>U-6 continued</b>														
12/02/93	37.68	16.08	0.00	21.60	-0.78	2100	--	12	1.6	21	1.1	--	--	
03/09/94	37.68	14.90	0.00	22.78	1.18	2200	--	11	8.2	24	16	--	--	
06/09/94	37.68	15.18	0.00	22.50	-0.28	2600	--	16	ND	29	ND	--	--	
09/07/94	37.68	16.20	0.00	21.48	-1.02	16004	--	ND	ND	ND	ND	--	--	
12/05/94	37.68	15.60	0.00	22.08	0.60	450	--	ND	ND	ND	ND	--	--	
03/09/95	37.68	13.74	0.00	23.94	1.86	2500	--	29	ND	70	120	320	--	
06/13/95	37.68	13.73	0.00	23.95	0.01	1300	--	ND	ND	20	46	5400	--	
09/12/95	37.68	14.85	0.00	22.83	-1.12	ND	--	ND	ND	ND	ND	6600	--	
12/14/95	37.68	14.89	0.00	22.79	-0.04	760	--	ND	ND	7	8.4	1100	--	
03/20/96	37.68	12.41	0.00	25.27	2.48	52	--	1.1	0.98	ND	0.75	1200	--	
09/24/96	37.68	15.06	0.00	22.62	-2.65	ND	--	ND	ND	ND	ND	750	--	
03/27/97	37.68	13.48	0.00	24.20	1.58	ND	--	ND	ND	ND	ND	150	--	
09/23/97	37.68	15.36	0.00	22.32	-1.88	66	--	0.81	ND	ND	ND	150	--	
03/10/98	37.68	10.90	0.00	26.78	4.46	ND	--	ND	ND	ND	ND	18	--	
09/04/98	37.68	14.85	0.00	22.83	-3.95	ND	--	ND	ND	ND	ND	ND	--	
03/04/99	37.68	12.10	0.00	25.58	2.75	ND	--	ND	ND	ND	ND	6.5	--	
09/13/99	37.68	--	--	--	--	--	--	--	--	--	--	--	--	Inaccessible covered with asphalt
03/21/00	37.68	--	--	--	--	--	--	--	--	--	--	--	--	Inaccessible covered with asphalt
09/18/00	37.68	--	--	--	--	--	--	--	--	--	--	--	--	Inaccessible covered with asphalt
03/16/01	37.68	--	--	--	--	--	--	--	--	--	--	--	--	Inaccessible covered with asphalt

**Table 2**  
**HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS**  
**February 1988 Through July 2009**  
**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 8015 (µg/l)	TPH-G (GC/MS) (µg/l)	Benzene (µg/l)	Toluene (µg/l)	Ethyl-benzene (µg/l)	Total Xylenes (µg/l)	MTBE (8021B) (µg/l)	MTBE (8260B) (µg/l)	Comments
<b>U-6 continued</b>														
09/04/01	37.68	--	--	--	--	--	--	--	--	--	--	--	--	Inaccessible covered with asphalt
03/18/02	37.68	--	--	--	--	--	--	--	--	--	--	--	--	Inaccessible covered with asphalt
09/17/02	37.68	--	--	--	--	--	--	--	--	--	--	--	--	Inaccessible covered with asphalt
09/05/03	37.68	--	--	--	--	--	--	--	--	--	--	--	--	Covered with asphalt
03/04/04	37.68	--	--	--	--	--	--	--	--	--	--	--	--	Covered with asphalt
09/09/04	37.68	--	--	--	--	--	--	--	--	--	--	--	--	Covered with asphalt
03/01/05	37.68	--	--	--	--	--	--	--	--	--	--	--	--	Unable to locate-Paved over
09/08/05	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
01/20/06	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	
07/11/06	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	
03/09/07	37.68	13.67	0.00	24.01	-0.44	--	140	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--	ND<0.50	
07/06/07	40.07	14.76	0.00	25.31	1.30	--	79	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--	ND<0.50	
01/07/08	40.07	14.02	0.00	26.05	0.74	--	65	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<0.50	
06/24/08	40.07	14.98	0.00	25.09	-0.96	--	--	--	--	--	--	--	--	Sampled Q1 and Q3 only
08/29/08	40.07	15.42	0.00	24.65	-0.44	--	120	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<0.50	
11/17/08	40.07	--	--	--	--	--	--	--	--	--	--	--	--	Car parked over well
03/13/09	40.07	14.10	0.00	25.97	--	--	100	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<0.50	
05/01/09	40.07	14.52	0.00	25.55	-0.42	--	--	--	--	--	--	--	--	Sampled Q1 and Q3 only
07/02/09	40.07	15.10	0.00	24.97	-0.58	--	110	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<0.50	
<b>U-7 (Screen Interval in feet: 15.0-35.0)</b>														
04/07/92	--	--	--	--	--	ND	--	ND	ND	ND	ND	--	--	



**Table 2**  
**HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS**  
**February 1988 Through July 2009**  
**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 8015 (µg/l)	TPH-G (GC/MS) (µg/l)	Benzene (µg/l)	Toluene (µg/l)	Ethylbenzene (µg/l)	Total Xylenes (µg/l)	MTBE (8021B) (µg/l)	MTBE (8260B) (µg/l)	Comments
<b>U-7 continued</b>														
08/06/92	--	--	--	--	--	ND	--	ND	ND	ND	ND	--	--	
11/20/92	--	--	--	--	--	ND	--	ND	ND	ND	ND	--	--	
02/12/93	--	--	--	--	--	ND	--	ND	ND	ND	ND	--	--	
06/04/93	37.49	14.17	0.00	23.32	--	ND	--	ND	ND	ND	ND	--	--	
09/09/93	37.49	15.23	0.00	22.26	-1.06	ND	--	ND	ND	ND	ND	--	--	
12/02/93	37.11	15.61	0.00	21.50	-0.76	ND	--	ND	ND	ND	ND	--	--	
03/09/94	37.11	14.45	0.00	22.66	1.16	ND	--	1.4	4.4	0.96	7.5	--	--	
04/13/94	37.11	14.63	0.00	22.48	-0.18	ND	--	ND	ND	ND	ND	--	--	
06/09/94	37.11	14.70	0.00	22.41	-0.07	ND	--	ND	ND	ND	ND	--	--	
09/07/94	37.11	15.72	0.00	21.39	-1.02	ND	--	ND	ND	ND	ND	--	--	
12/05/94	37.11	15.10	0.00	22.01	0.62	ND	--	ND	ND	ND	ND	--	--	
03/09/95	37.11	13.36	0.00	23.75	1.74	ND	--	ND	ND	ND	ND	ND	--	
06/13/95	37.11	13.33	0.00	23.78	0.03	ND	--	ND	ND	ND	ND	3.5	--	
09/12/95	37.11	14.40	0.00	22.71	-1.07	ND	--	ND	ND	ND	ND	ND	--	
12/14/95	37.11	14.39	0.00	22.72	0.01	ND	--	ND	ND	ND	ND	1.4	--	
03/20/96	37.11	11.96	0.00	25.15	2.43	--	--	--	--	--	--	--	--	
09/24/96	37.11	14.59	0.00	22.52	-2.63	--	--	--	--	--	--	--	--	
03/27/97	37.11	13.08	0.00	24.03	1.51	ND	--	ND	ND	ND	ND	ND	--	
09/23/97	37.11	14.90	0.00	22.21	-1.82	--	--	--	--	--	--	--	--	
03/10/98	37.11	10.46	0.00	26.65	4.44	ND	--	ND	ND	ND	ND	ND	--	
09/04/98	37.11	14.42	0.00	22.69	-3.96	--	--	--	--	--	--	--	--	
03/04/99	37.11	11.64	0.00	25.47	2.78	ND	--	ND	ND	ND	ND	6.6	--	

**Table 2**  
**HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS**  
**February 1988 Through July 2009**  
**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 8015 (µg/l)	TPH-G (GC/MS) (µg/l)	Benzene (µg/l)	Toluene (µg/l)	Ethylbenzene (µg/l)	Total Xylenes (µg/l)	MTBE (8021B) (µg/l)	MTBE (8260B) (µg/l)	Comments
<b>U-7 continued</b>														
09/13/99	37.11	--	--	--	--	--	--	--	--	--	--	--	--	Inaccessible covered with asphalt
03/21/00	37.11	--	--	--	--	--	--	--	--	--	--	--	--	Inaccessible covered with asphalt
09/18/00	37.11	--	--	--	--	--	--	--	--	--	--	--	--	Inaccessible covered with asphalt
03/16/01	37.11	--	--	--	--	--	--	--	--	--	--	--	--	Inaccessible covered with asphalt
09/04/01	37.11	--	--	--	--	--	--	--	--	--	--	--	--	Inaccessible covered with asphalt
09/17/02	37.11	--	--	--	--	--	--	--	--	--	--	--	--	Inaccessible covered with asphalt
09/05/03	37.11	--	--	--	--	--	--	--	--	--	--	--	--	Covered with asphalt
03/04/04	37.11	--	--	--	--	--	--	--	--	--	--	--	--	Covered with asphalt
09/09/04	37.11	--	--	--	--	--	--	--	--	--	--	--	--	Covered with asphalt
03/01/05	37.11	--	--	--	--	--	--	--	--	--	--	--	--	Unable to locate-Paved over
09/08/05	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
01/20/06	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	
07/11/06	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	
03/09/07	37.11	13.25	0.00	23.86	-0.41	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--	ND<0.50	
07/06/07	39.50	--	--	--	--	--	--	--	--	--	--	--	--	Car over well
01/07/08	39.50	13.50	0.00	26.00	--	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<0.50	
06/24/08	39.50	14.05	0.00	25.45	-0.55	--	--	--	--	--	--	--	--	Sampled Q1 and Q3 only
08/29/08	39.50	--	--	--	--	--	--	--	--	--	--	--	--	Car parked over well
11/17/08	39.50	--	--	--	--	--	--	--	--	--	--	--	--	Car parked over well

**Table 2**  
**HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS**  
**February 1988 Through July 2009**  
**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 8015 (µg/l)	TPH-G (GC/MS) (µg/l)	Benzene (µg/l)	Toluene (µg/l)	Ethyl-benzene (µg/l)	Total Xylenes (µg/l)	MTBE (8021B) (µg/l)	MTBE (8260B) (µg/l)	Comments
<b>U-7 continued</b>														
03/13/09	39.50	13.60	0.00	25.90	--	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<0.50	
05/01/09	39.50	14.88	0.00	24.62	-1.28	--	--	--	--	--	--	--	--	Sampled Q1 and Q3 only
07/02/09	39.50	--	--	--	--	--	--	--	--	--	--	--	--	Car parked over well
<b>U-8 (Screen Interval in feet: 15.0-30.0)</b>														
04/07/92	--	--	--	--	--	ND	--	ND	ND	ND	ND	--	--	
08/06/92	--	--	--	--	--	ND	--	ND	ND	ND	ND	--	--	
02/12/93	--	--	--	--	--	ND	--	ND	ND	ND	ND	--	--	
06/04/93	38.94	15.26	0.00	23.68	--	ND	--	ND	ND	ND	ND	--	--	
09/09/93	38.94	16.38	0.00	22.56	-1.12	ND	--	ND	ND	ND	ND	--	--	
12/02/93	38.57	16.80	0.00	21.77	-0.79	ND	--	ND	ND	ND	ND	--	--	
03/09/94	38.57	15.62	0.00	22.95	1.18	ND	--	1.2	3.7	0.79	6.1	--	--	
04/13/94	38.57	15.80	0.00	22.77	-0.18	ND	--	ND	0.78	ND	0.98	--	--	
06/09/94	38.57	15.86	0.00	22.71	-0.06	ND	--	ND	ND	ND	ND	--	--	
09/07/94	38.57	16.87	0.00	21.70	-1.01	ND	--	ND	ND	ND	ND	--	--	
12/05/94	38.57	16.32	0.00	22.25	0.55	ND	--	ND	ND	ND	ND	--	--	
03/09/95	38.57	14.56	0.00	24.01	1.76	ND	--	ND	ND	ND	ND	ND	--	
06/13/95	38.57	14.40	0.00	24.17	0.16	ND	--	ND	ND	ND	ND	ND	--	
09/12/95	38.57	15.50	0.00	23.07	-1.10	ND	--	ND	ND	ND	ND	ND	--	
12/14/95	38.57	15.67	0.00	22.90	-0.17	ND	--	ND	ND	ND	ND	ND	--	
03/20/96	38.57	13.25	0.00	25.32	2.42	--	--	--	--	--	--	--	--	
09/24/96	38.57	15.75	0.00	22.82	-2.50	--	--	--	--	--	--	--	--	
03/27/97	38.57	14.18	0.00	24.39	1.57	ND	--	ND	ND	ND	ND	ND	--	
09/23/97	38.57	16.05	0.00	22.52	-1.87	--	--	--	--	--	--	--	--	Sampled annually

**Table 2**  
**HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS**  
**February 1988 Through July 2009**  
**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 8015 (µg/l)	TPH-G (GC/MS) (µg/l)	Benzene (µg/l)	Toluene (µg/l)	Ethyl-benzene (µg/l)	Total Xylenes (µg/l)	MTBE (8021B) (µg/l)	MTBE (8260B) (µg/l)	Comments
<b>U-8 continued</b>														
03/10/98	38.57	11.63	0.00	26.94	4.42	ND	--	ND	ND	ND	ND	ND	--	
09/04/98	38.57	15.81	0.00	22.76	-4.18	--	--	--	--	--	--	--	--	
03/04/99	38.57	12.81	0.00	25.76	3.00	ND	--	ND	ND	ND	ND	ND	--	
09/13/99	38.57	16.37	0.00	22.20	-3.56	--	--	--	--	--	--	--	--	
03/21/00	38.57	13.25	0.00	25.32	3.12	ND	--	ND	ND	ND	ND	ND	--	
09/18/00	38.57	15.31	0.00	23.26	-2.06	--	--	--	--	--	--	--	--	
03/16/01	38.57	14.71	0.00	23.86	0.60	ND	--	ND	ND	ND	ND	ND	--	
09/04/01	38.57	16.01	0.00	22.56	-1.30	--	--	--	--	--	--	--	--	
03/18/02	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	--	
09/17/02	38.57	15.93	0.00	22.64	-1.47	--	--	--	--	--	--	--	--	Sampled annually
03/28/03	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	
09/05/03	38.57	15.46	0.00	23.11	-1.06	--	--	--	--	--	--	--	--	Sampled annually
03/04/04	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	
09/09/04	38.57	15.53	0.00	23.04	-1.55	--	--	--	--	--	--	--	--	Monitored Only
03/01/05	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	
08/02/05	38.57	14.31	0.00	24.26	-0.75	--	--	--	--	--	--	--	--	Sampled annually
01/20/06	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	
07/11/06	38.57	13.94	0.00	24.63	-0.43	--	--	--	--	--	--	--	--	Sampled Q1 only
03/09/07	38.57	14.40	0.00	24.17	-0.46	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--	ND<0.50	
07/06/07	40.95	15.44	0.00	25.51	1.34	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--	ND<0.50	
01/07/08	40.95	14.79	0.00	26.16	0.65	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<0.50	
06/24/08	40.95	15.67	0.00	25.28	-0.88	--	--	--	--	--	--	--	--	Sampled Q1 and Q3 only
08/29/08	40.95	16.11	0.00	24.84	-0.44	--	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 2009**  
**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 8015 (µg/l)	TPH-G (GC/MS) (µg/l)	Benzene (µg/l)	Toluene (µg/l)	Ethyl-benzene (µg/l)	Total Xylenes (µg/l)	MTBE (8021B) (µg/l)	MTBE (8260B) (µg/l)	Comments
<b>U-8 continued</b>														
11/17/08	40.95	16.48	0.00	24.47	-0.37	--	--	--	--	--	--	--	--	Sampled Q1 and Q3 only
03/13/09	40.95	14.78	0.00	26.17	1.70	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<0.50	
05/01/09	40.95	15.20	0.00	25.75	-0.42	--	--	--	--	--	--	--	--	Sampled Q1 and Q3 only
07/02/09	40.95	15.75	0.00	25.20	-0.55	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<0.50	
<b>U-9 (Screen Interval in feet: 13.0-28.0)</b>														
06/04/93	37.88	14.67	0.00	23.21	--	2100	--	ND	ND	ND	ND	--	--	
09/09/93	37.88	15.79	0.00	22.09	-1.12	1200	--	ND	ND	ND	ND	--	--	
12/02/93	37.31	15.93	0.00	21.38	-0.71	ND	--	ND	ND	ND	ND	--	--	
03/09/94	37.31	14.74	0.00	22.57	1.19	5700	--	ND	ND	ND	ND	--	--	
04/13/94	37.31	14.96	0.00	22.35	-0.22	ND	--	ND	ND	ND	ND	--	--	
06/09/94	37.31	15.05	0.00	22.26	-0.09	2900	--	ND	ND	ND	ND	--	--	
09/07/94	37.31	16.06	0.00	21.25	-1.01	2700	--	ND	ND	ND	ND	--	--	
12/05/94	37.31	15.43	0.00	21.88	0.63	3700	--	ND	ND	ND	ND	--	--	
03/09/95	37.31	13.50	0.00	23.81	1.93	2500	--	ND	ND	ND	ND	5800	--	
06/13/95	37.31	13.63	0.00	23.68	-0.13	ND	--	ND	ND	ND	ND	1200	--	
09/12/95	37.31	14.73	0.00	22.58	-1.10	ND	--	ND	ND	ND	ND	1600	--	
12/14/95	37.31	14.67	0.00	22.64	0.06	ND	--	ND	ND	ND	ND	4400	--	
03/20/96	37.31	12.27	0.00	25.04	2.40	ND	--	ND	ND	ND	ND	480	--	
09/24/96	37.31	14.92	0.00	22.39	-2.65	ND	--	ND	ND	ND	ND	ND	--	
03/27/97	37.31	13.36	0.00	23.95	1.56	ND	--	ND	ND	ND	ND	42	--	
09/23/97	37.31	15.28	0.00	22.03	-1.92	ND	--	ND	ND	ND	ND	ND	--	
03/10/98	37.31	10.86	0.00	26.45	4.42	ND	--	ND	ND	ND	3.1	ND	--	
09/04/98	37.31	15.03	0.00	22.28	-4.17	ND	--	ND	ND	ND	ND	ND	--	

**Table 2**  
**HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS**  
**February 1988 Through July 2009**  
**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 8015 (µg/l)	TPH-G (GC/MS) (µg/l)	Benzene (µg/l)	Toluene (µg/l)	Ethyl-benzene (µg/l)	Total Xylenes (µg/l)	MTBE (8021B) (µg/l)	MTBE (8260B) (µg/l)	Comments
<b>U-9 continued</b>														
03/04/99	37.31	11.95	0.00	25.36	3.08	ND	--	ND	ND	ND	ND	ND	--	
09/13/99	37.31	15.61	0.00	21.70	-3.66	ND	--	ND	1.67	ND	1.01	7.85	--	
03/21/00	37.31	12.38	0.00	24.93	3.23	ND	--	ND	ND	ND	ND	ND	--	
09/18/00	37.31	14.87	0.00	22.44	-2.49	ND	--	ND	1.42	ND	1.06	ND	--	
03/16/01	37.31	13.85	0.00	23.46	1.02	ND	--	ND	ND	ND	ND	ND	--	
09/04/01	37.31	15.22	0.00	22.09	-1.37	--	--	--	--	--	--	--	--	Sampled annually
03/18/02	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	--	
09/17/02	37.31	15.14	0.00	22.17	-1.58	--	--	--	--	--	--	--	--	Sampled annually
03/28/03	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	
09/05/03	37.31	14.64	0.00	22.67	-1.03	--	--	--	--	--	--	--	--	Sampled annually
03/04/04	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	
09/09/04	37.31	14.75	0.00	22.56	-1.68	--	--	--	--	--	--	--	--	Monitored Only
03/01/05	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	
08/02/05	37.31	13.47	0.00	23.84	-0.79	--	--	--	--	--	--	--	--	Sampled annually
01/20/06	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	
07/11/06	37.31	13.10	0.00	24.21	-0.49	--	--	--	--	--	--	--	--	Sampled Q1 only
03/09/07	37.31	13.55	0.00	23.76	-0.45	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--	ND<0.50	
07/06/07	39.72	14.63	0.00	25.09	1.33	--	--	--	--	--	--	--	--	Sampled Q1 only
01/07/08	39.72	13.85	0.00	25.87	0.78	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<0.50	
06/24/08	39.72	14.89	0.00	24.83	-1.04	--	--	--	--	--	--	--	--	Sampled Q1 only
08/29/08	39.72	15.32	0.00	24.40	-0.43	--	--	--	--	--	--	--	--	Sampled Q1 only
11/17/08	39.72	15.70	0.00	24.02	-0.38	--	--	--	--	--	--	--	--	Sampled Q1 only
03/13/09	39.72	13.90	0.00	25.82	1.80	--	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 2009**  
**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 8015 (µg/l)	TPH-G (GC/MS) (µg/l)	Benzene (µg/l)	Toluene (µg/l)	Ethyl- benzene (µg/l)	Total Xylenes (µg/l)	MTBE (8021B) (µg/l)	MTBE (8260B) (µg/l)	Comments
<b>U-9 continued</b>														
05/01/09	39.72	14.37	0.00	25.35	-0.47	--	--	--	--	--	--	--	--	Sampled Q1 only
07/02/09	39.72	14.90	0.00	24.82	-0.53	--	--	--	--	--	--	--	--	Sampled Q1 only

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

Date Sampled	TBA	Ethanol	Ethylene-	1,2-DCA	DIPE	ETBE	TAME	1,1-DCA	Post-purge	Pre-purge
	(µg/l)	(8260B) (µg/l)	dibromide (EDB) (µg/l)	(EDC) (µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	Dissolved Oxygen (mg/l)	Dissolved Oxygen (mg/l)
<b>U-1</b>										
03/27/97	--	--	--	--	--	--	--	--	2.35	2.41
10/13/00	ND	ND	ND	--	ND	ND	ND	ND	--	--
09/17/02	ND<500	ND<2500	ND<10	--	ND<10	ND<10	ND<10	ND<10	--	--
09/05/03	--	ND<500	--	--	--	--	--	--	--	--
03/04/04	--	ND<20000	--	--	--	--	--	--	--	--
09/09/04	--	ND<2000	--	--	--	--	--	--	--	--
03/01/05	--	ND<1300	--	--	--	--	--	--	--	--
08/02/05	--	ND<1000	--	--	--	--	--	--	--	--
01/20/06	--	ND<250	--	--	--	--	--	--	--	--
07/11/06	--	ND<25000	--	--	--	--	--	--	--	--
03/09/07	--	ND<2500	--	--	--	--	--	--	--	--
<b>U-1R</b>										
07/06/07	--	ND<250	--	--	--	--	--	--	--	--
01/07/08	--	ND<6200	--	--	--	--	--	--	--	--
06/24/08	--	ND<12000	--	--	--	--	--	--	--	--
08/29/08	ND<500	ND<12000	ND<25	ND<25	ND<25	ND<25	ND<25	--	--	--
11/17/08	ND<500	ND<12000	ND<25	ND<25	ND<25	ND<25	ND<25	--	--	--
03/13/09	ND<250	ND<6200	ND<12	ND<12	ND<12	ND<12	ND<12	--	--	--
05/01/09	ND<250	--	ND<12	ND<12	ND<12	ND<12	ND<12	--	--	--
07/02/09	ND<500	ND<12000	ND<25	ND<25	ND<25	ND<25	ND<25	--	--	--
<b>U-2</b>										
03/27/97	--	--	--	--	--	--	--	--	4.49	4.36
<b>U-3</b>										
03/27/97	--	--	--	--	--	--	--	--	3.32	3.18



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

Date Sampled	TBA (µg/l)	Ethanol (8260B) (µg/l)	Ethylene- dibromide (EDB) (µg/l)	1,2-DCA (EDC) (µg/l)	DIPE (µg/l)	ETBE (µg/l)	TAME (µg/l)	1,1-DCA (µg/l)	Post-purge Dissolved Oxygen (mg/l)	Pre-purge Dissolved Oxygen (mg/l)
<b>U-3 continued</b>										
09/05/03	--	ND<500	--	--	--	--	--	--	--	--
03/04/04	--	ND<10000	--	--	--	--	--	--	--	--
09/09/04	--	ND<250	--	--	--	--	--	--	--	--
03/01/05	--	ND<500	--	--	--	--	--	--	--	--
08/02/05	--	ND<250	--	--	--	--	--	--	--	--
01/20/06	--	ND<250	--	--	--	--	--	--	--	--
07/11/06	--	ND<2500	--	--	--	--	--	--	--	--
03/09/07	--	ND<1200	--	--	--	--	--	--	--	--
07/06/07	--	ND<250	--	--	--	--	--	--	--	--
<b>U-3R</b>										
07/06/07	--	ND<250	--	--	--	--	--	--	--	--
01/07/08	--	ND<250	--	--	--	--	--	--	--	--
06/24/08	--	ND<250	--	--	--	--	--	--	--	--
08/29/08	ND<10	ND<250	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--	--	--
11/17/08	ND<10	ND<250	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--	--	--
03/13/09	ND<10	ND<250	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--	--	--
05/01/09	ND<10	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--	--	--
07/02/09	ND<10	ND<250	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--	--	--
<b>U-4</b>										
03/27/97	--	--	--	--	--	--	--	--	3.26	3.32
<b>U-5</b>										
03/27/97	--	--	--	--	--	--	--	--	3.77	3.74
03/04/04	--	ND<500	--	--	--	--	--	--	--	--
03/01/05	--	ND<50	--	--	--	--	--	--	--	--

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

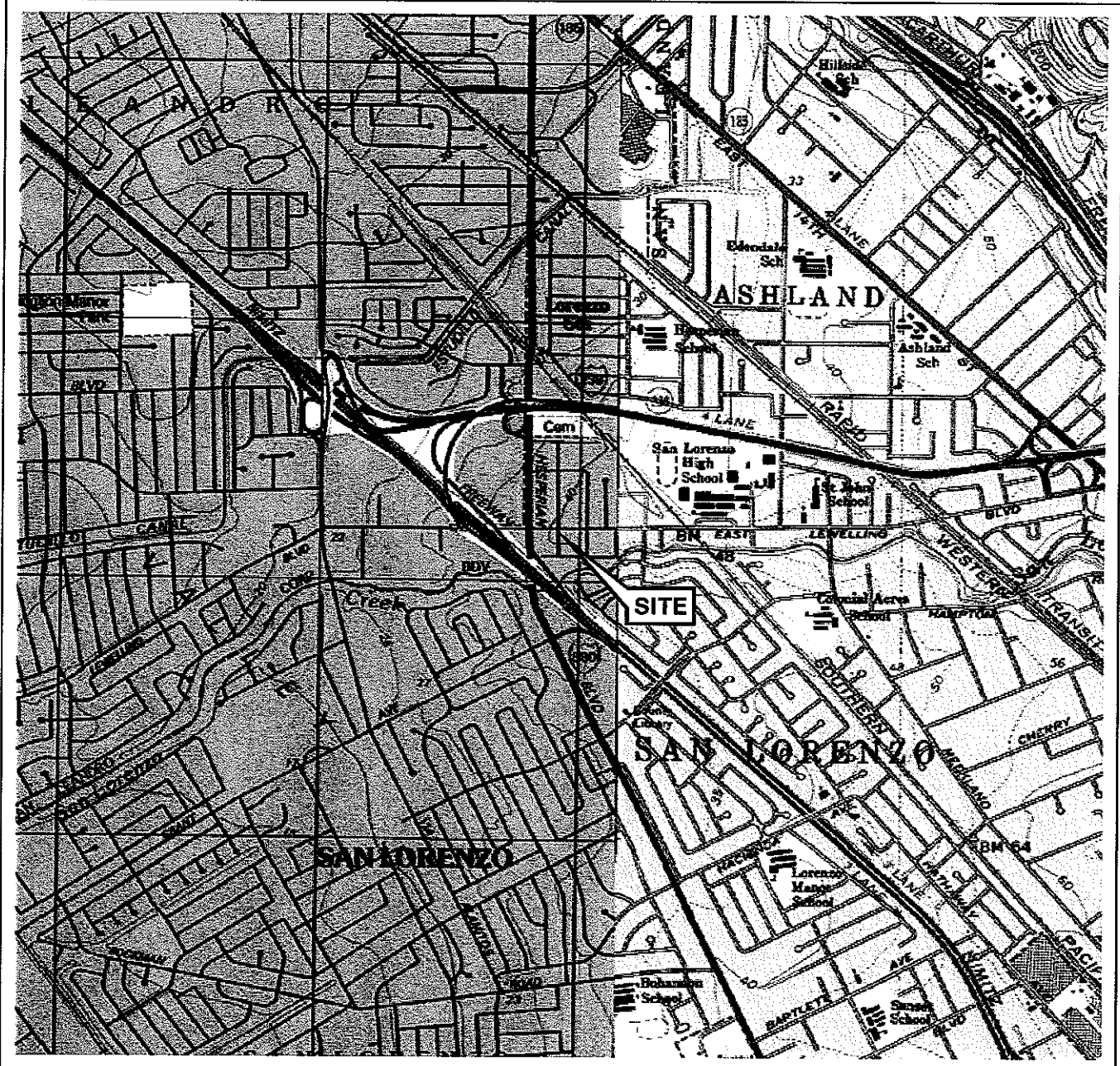
Date Sampled	TBA (µg/l)	Ethanol (8260B) (µg/l)	Ethylene- dibromide (EDB) (µg/l)	1,2-DCA (EDC) (µg/l)	DIPE (µg/l)	ETBE (µg/l)	TAME (µg/l)	1,1-DCA (µg/l)	Post-purge Dissolved Oxygen (mg/l)	Pre-purge Dissolved Oxygen (mg/l)
<b>U-5 continued</b>										
01/20/06	--	ND<250	--	--	--	--	--	--	--	--
03/09/07	--	ND<250	--	--	--	--	--	--	--	--
01/07/08	--	ND<250	--	--	--	--	--	--	--	--
03/13/09	ND<10	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--	--	--
<b>U-6</b>										
03/20/96	--	--	--	--	--	--	--	--	3.89	3.85
09/24/96	--	--	--	--	--	--	--	--	3.81	3.73
03/27/97	--	--	--	--	--	--	--	--	4.36	4.43
09/23/97	--	--	--	--	--	--	--	--	4.14	--
03/10/98	--	--	--	--	--	--	--	--	3.95	--
09/08/05	--	ND<1000	--	--	--	--	--	--	--	--
01/20/06	--	ND<250	--	--	--	--	--	--	--	--
07/11/06	--	ND<250	--	--	--	--	--	--	--	--
03/09/07	--	ND<250	--	--	--	--	--	--	--	--
07/06/07	--	ND<250	--	--	--	--	--	--	--	--
01/07/08	--	ND<250	--	--	--	--	--	--	--	--
08/29/08	ND<10	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--	--	--
03/13/09	ND<10	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--	--	--
07/02/09	ND<10	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--	--	--
<b>U-7</b>										
03/27/97	--	--	--	--	--	--	--	--	3.38	3.29
09/08/05	--	ND<1000	--	--	--	--	--	--	--	--
01/20/06	--	ND<250	--	--	--	--	--	--	--	--
07/11/06	--	ND<250	--	--	--	--	--	--	--	--
03/09/07	--	ND<250	--	--	--	--	--	--	--	--

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

Date Sampled	TBA (µg/l)	Ethanol (8260B) (µg/l)	Ethylene- dibromide (EDB) (µg/l)	1,2-DCA (EDC) (µg/l)	DIPE (µg/l)	ETBE (µg/l)	TAME (µg/l)	1,1-DCA (µg/l)	Post-purge Dissolved Oxygen (mg/l)	Pre-purge Dissolved Oxygen (mg/l)
<b>U-7 continued</b>										
01/07/08	--	ND<250	--	--	--	--	--	--	--	--
03/13/09	ND<10	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--	--	--
<b>U-8</b>										
03/27/97	--	--	--	--	--	--	--	--	3.11	3.04
03/04/04	--	ND<500	--	--	--	--	--	--	--	--
03/01/05	--	ND<50	--	--	--	--	--	--	--	--
01/20/06	--	ND<250	--	--	--	--	--	--	--	--
03/09/07	--	ND<250	--	--	--	--	--	--	--	--
07/06/07	--	ND<250	--	--	--	--	--	--	--	--
01/07/08	--	ND<250	--	--	--	--	--	--	--	--
08/29/08	ND<10	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--	--	--
03/13/09	ND<10	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--	--	--
07/02/09	ND<10	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--	--	--
<b>U-9</b>										
03/20/96	--	--	--	--	--	--	--	--	4	4.02
09/24/96	--	--	--	--	--	--	--	--	3.98	3.85
03/27/97	--	--	--	--	--	--	--	--	3.57	3.65
09/23/97	--	--	--	--	--	--	--	--	3.8	--
03/10/98	--	--	--	--	--	--	--	--	3.62	--
03/04/04	--	ND<500	--	--	--	--	--	--	--	--
03/01/05	--	ND<50	--	--	--	--	--	--	--	--
01/20/06	--	ND<250	--	--	--	--	--	--	--	--
03/09/07	--	ND<250	--	--	--	--	--	--	--	--
01/07/08	--	ND<250	--	--	--	--	--	--	--	--
03/13/09	ND<10	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--	--	--

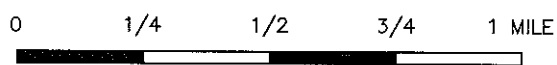
# FIGURES

PS-1:1 L:\QMS V.I.C.I.N.I.T.Y. M A P S\5760vm.dwg Jan 20, 2009 - 12:46pm cakers



SOURCE:

United States Geological Survey  
7.5 Minute Topographic Map:  
Hayward Quadrangle



SCALE 1:24,000




FACILITY:

76 STATION 5760  
376 LEWELLING BOULEVARD  
SAN LORENZO, CALIFORNIA

VICINITY MAP

FIGURE 1

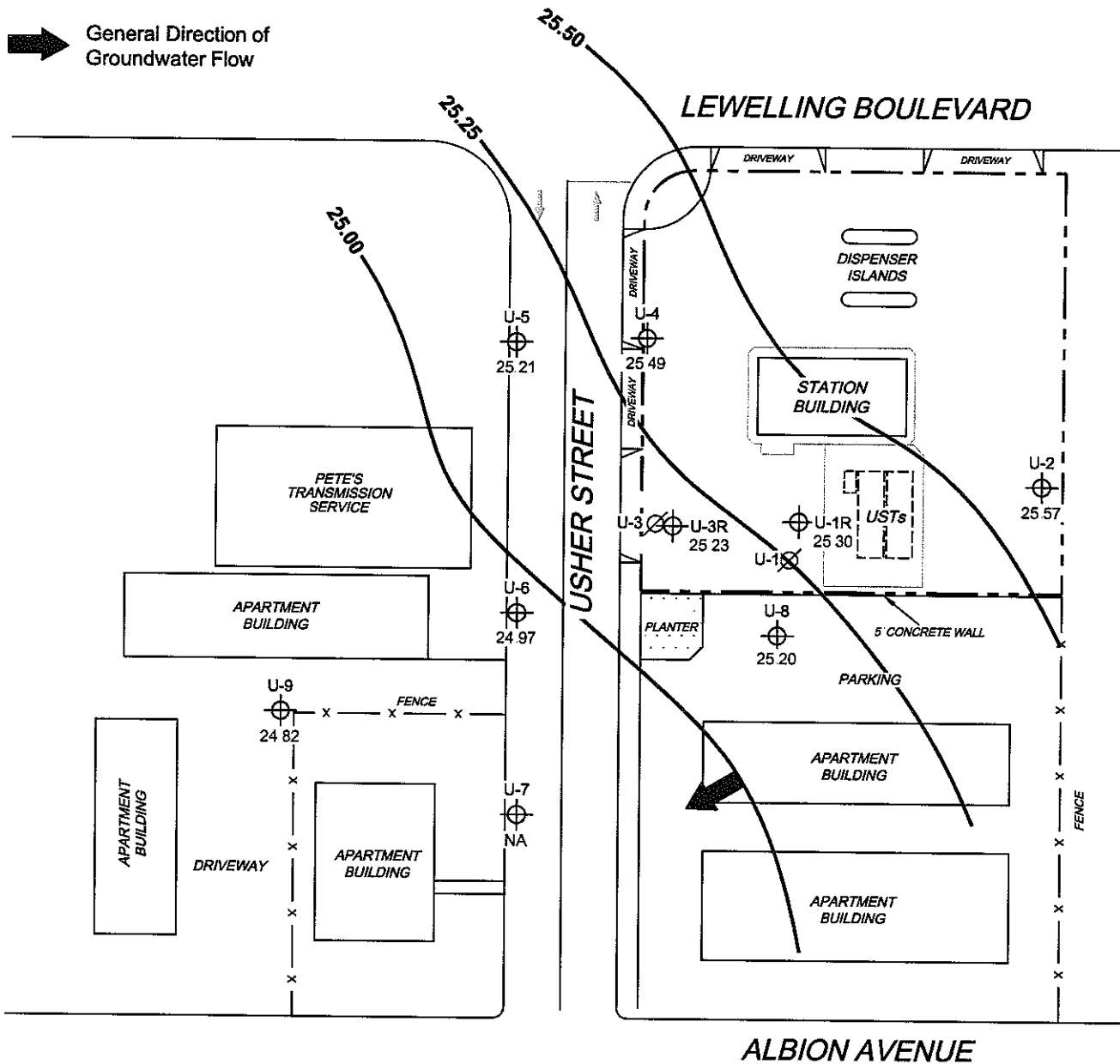
**LEGEND**

U-9  Monitoring Well with Groundwater Elevation (feet)

U-3  Abandoned Well

25.50  Groundwater Elevation Contour

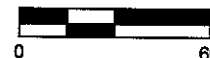
 General Direction of Groundwater Flow



**NOTES:**

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

SCALE (FEET)



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MS=1:1 5760-003






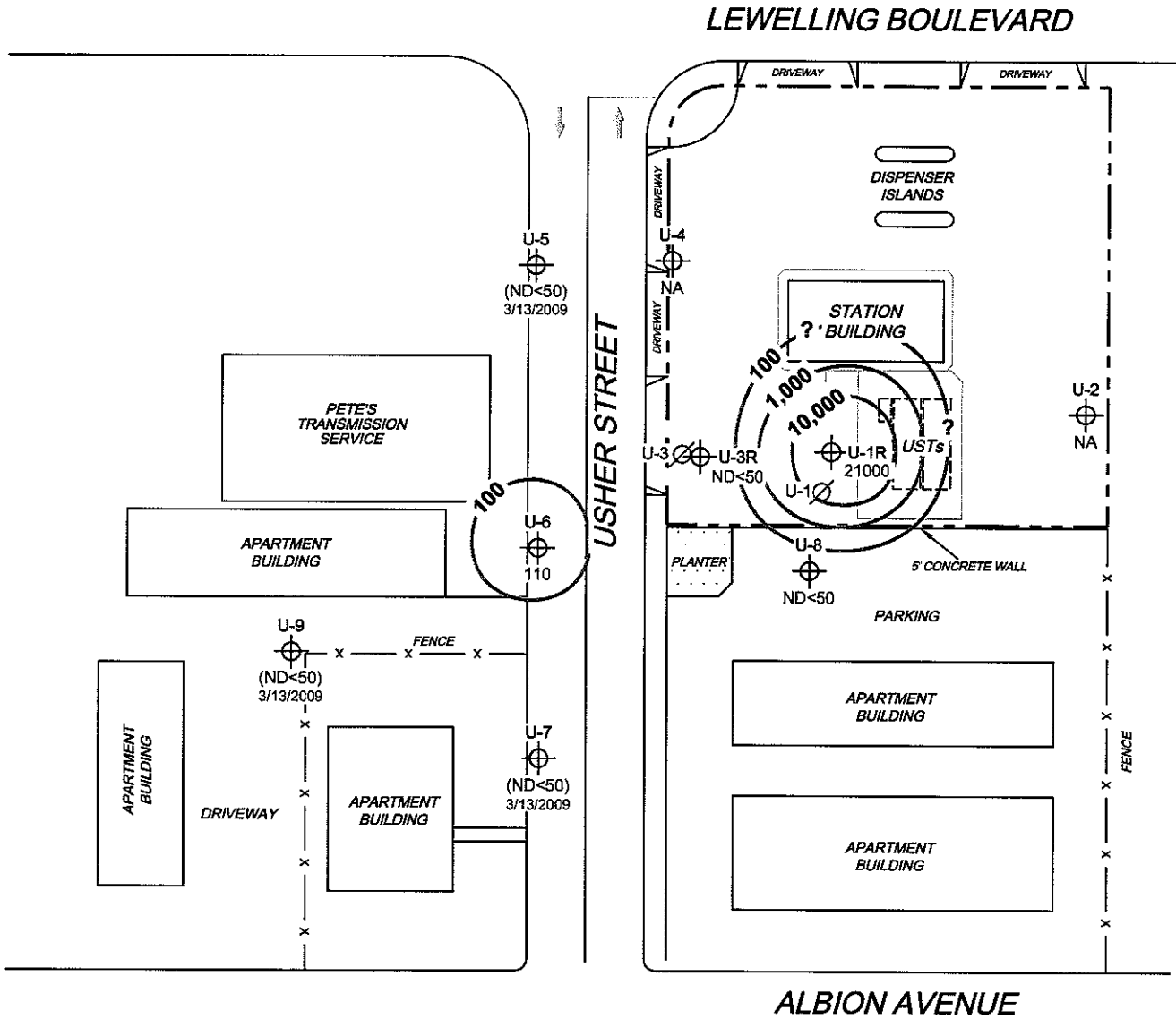
PROJECT: 165521  
 FACILITY:  
 76 STATION 5760  
 376 LEWELLING BOULEVARD  
 SAN LORENZO, CALIFORNIA

**GROUNDWATER ELEVATION  
 CONTOUR MAP  
 July 2, 2009**

**FIGURE 2**

**LEGEND**

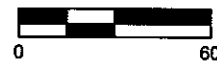
- U-9  Monitoring Well with Dissolved-Phase TPH-G (GC/MS) Concentration ( $\mu\text{g/l}$ )
- U-3  Abandoned Well
-  10,000 Dissolved-Phase TPH-G (GC/MS) Contour ( $\mu\text{g/l}$ )



**NOTES:**

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

SCALE (FEET)



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MS-1:1 5760-003




PROJECT: 165521  
 FACILITY:  
 76 STATION 5760  
 376 LEWELLING BOULEVARD  
 SAN LORENZO, CALIFORNIA

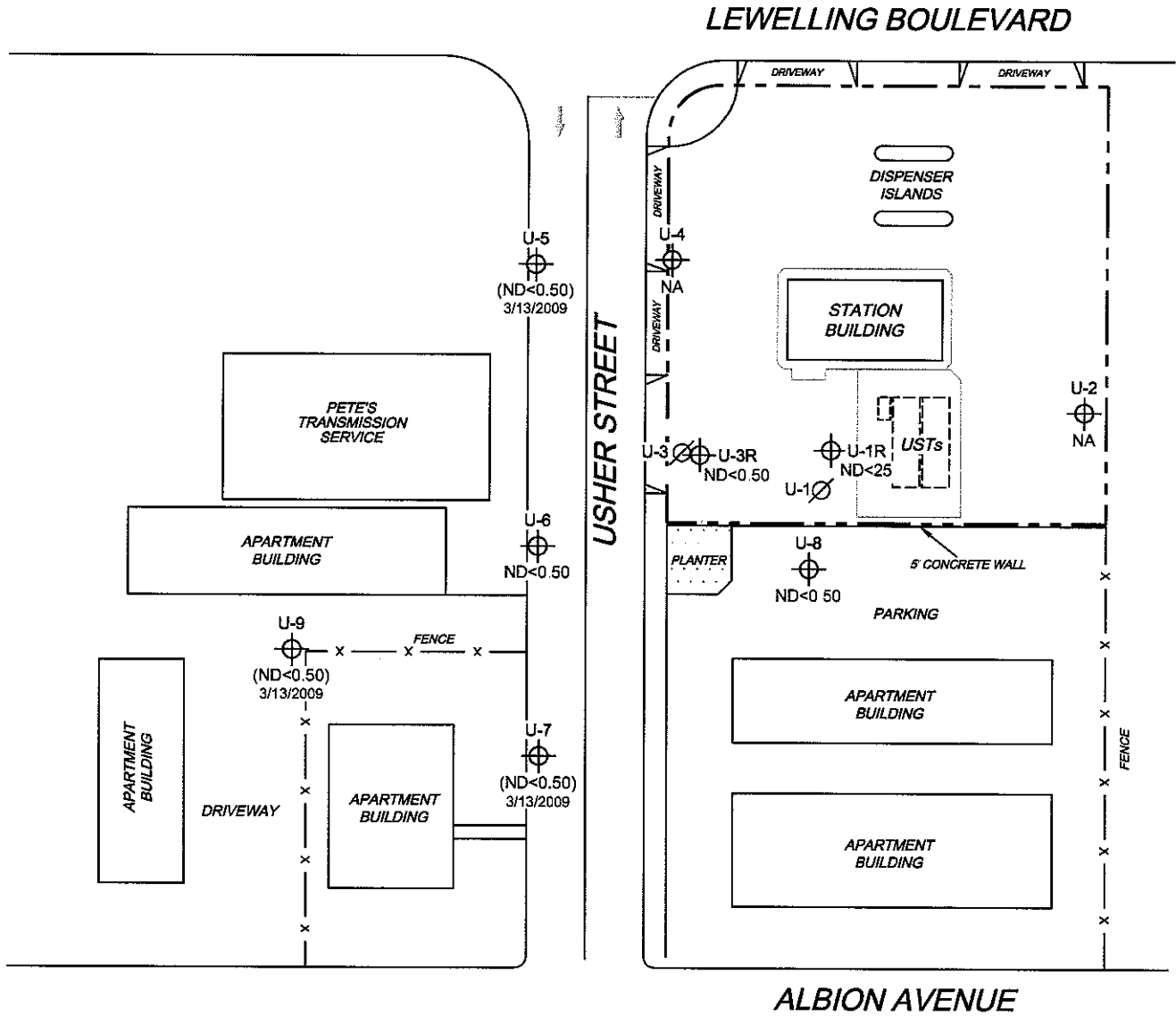
**DISSOLVED-PHASE TPH-G (GC/MS)  
 CONCENTRATION MAP  
 July 2, 2009**

**FIGURE 3**

**LEGEND**

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

U-3  Abandoned Well



**NOTES:**

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

SCALE (FEET)



L:\Graphics\QMS NORTH-SOUTH\15760\15760-QMS(NEW).dwg Aug 05, 2009 - 8:48am aakens

MS-1:1 5760-003




PROJECT: 165521  
 FACILITY:  
 76 STATION 5760  
 376 LEWELLING BOULEVARD  
 SAN LORENZO, CALIFORNIA

**DISSOLVED-PHASE BENZENE  
 CONCENTRATION MAP  
 July 2, 2009**

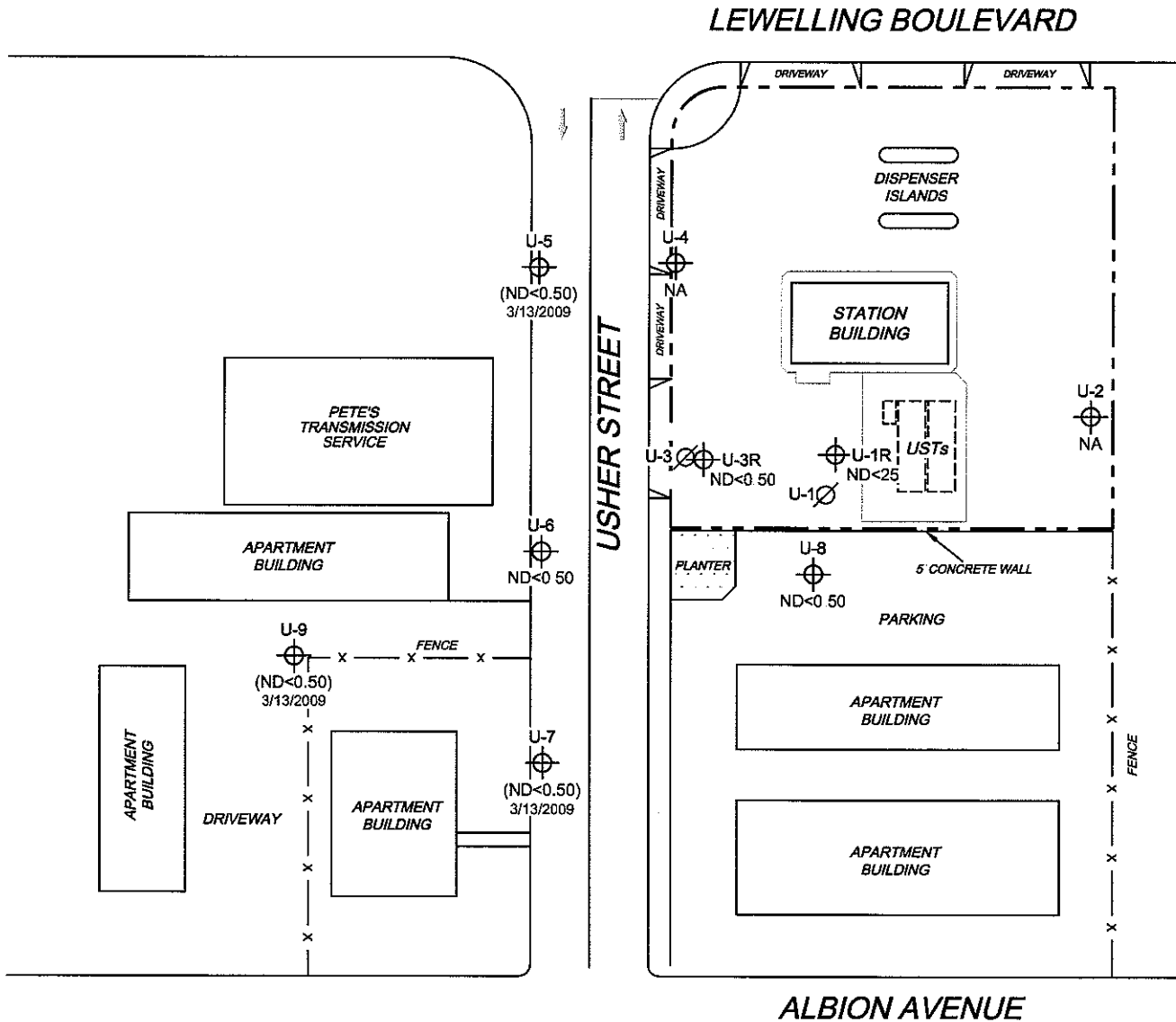
**FIGURE 4**



**LEGEND**

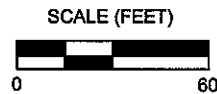
U-9  Monitoring Well with Dissolved-Phase MTBE Concentration ( $\mu\text{g/l}$ )

U-3  Abandoned Well



**NOTES:**

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



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MS=1:1 5760-003



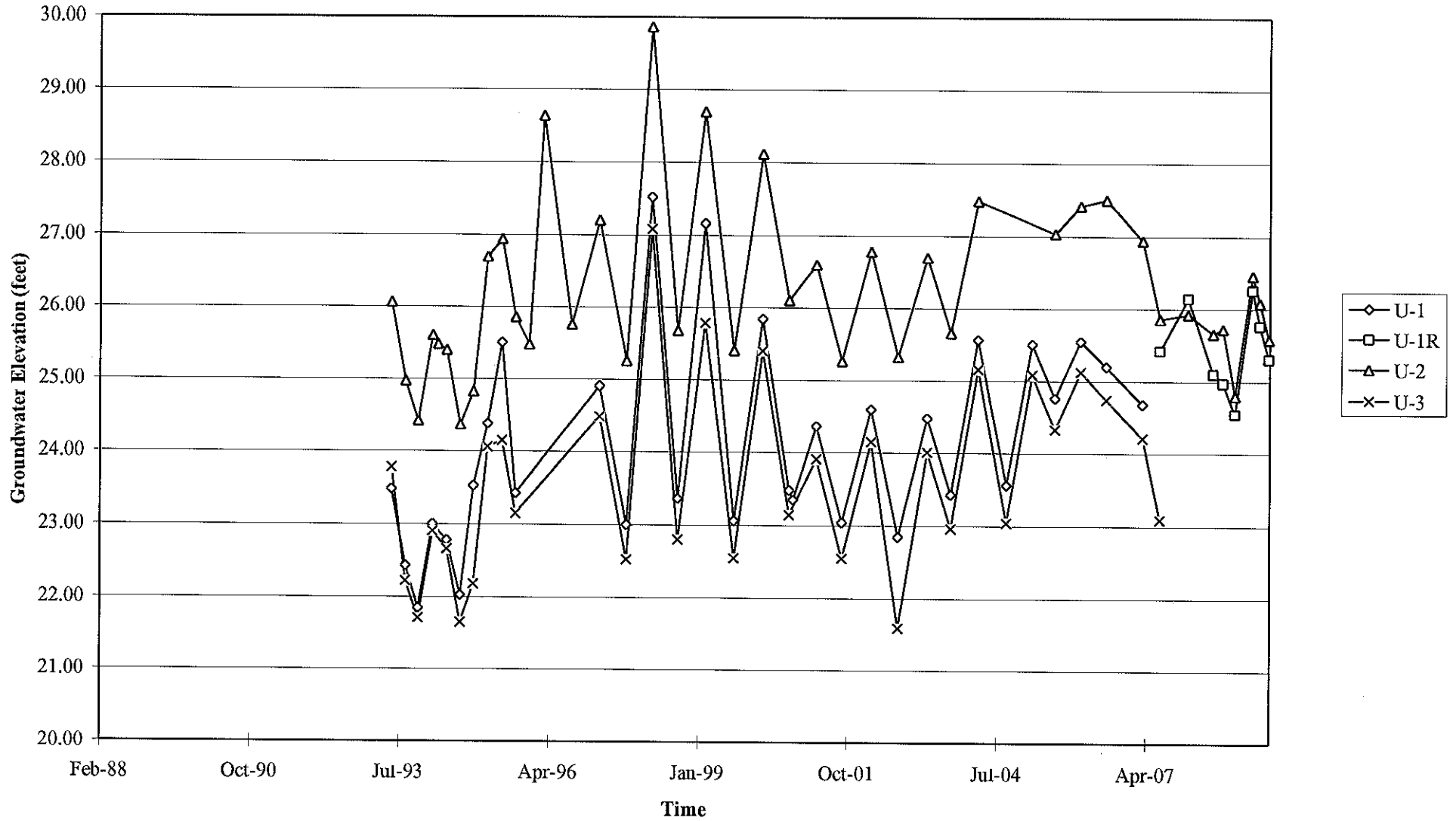
PROJECT: 165521  
 FACILITY:  
 76 STATION 5760  
 376 LEWELLING BOULEVARD  
 SAN LORENZO, CALIFORNIA

**DISSOLVED-PHASE MTBE  
 CONCENTRATION MAP  
 July 2, 2009**

**FIGURE 5**

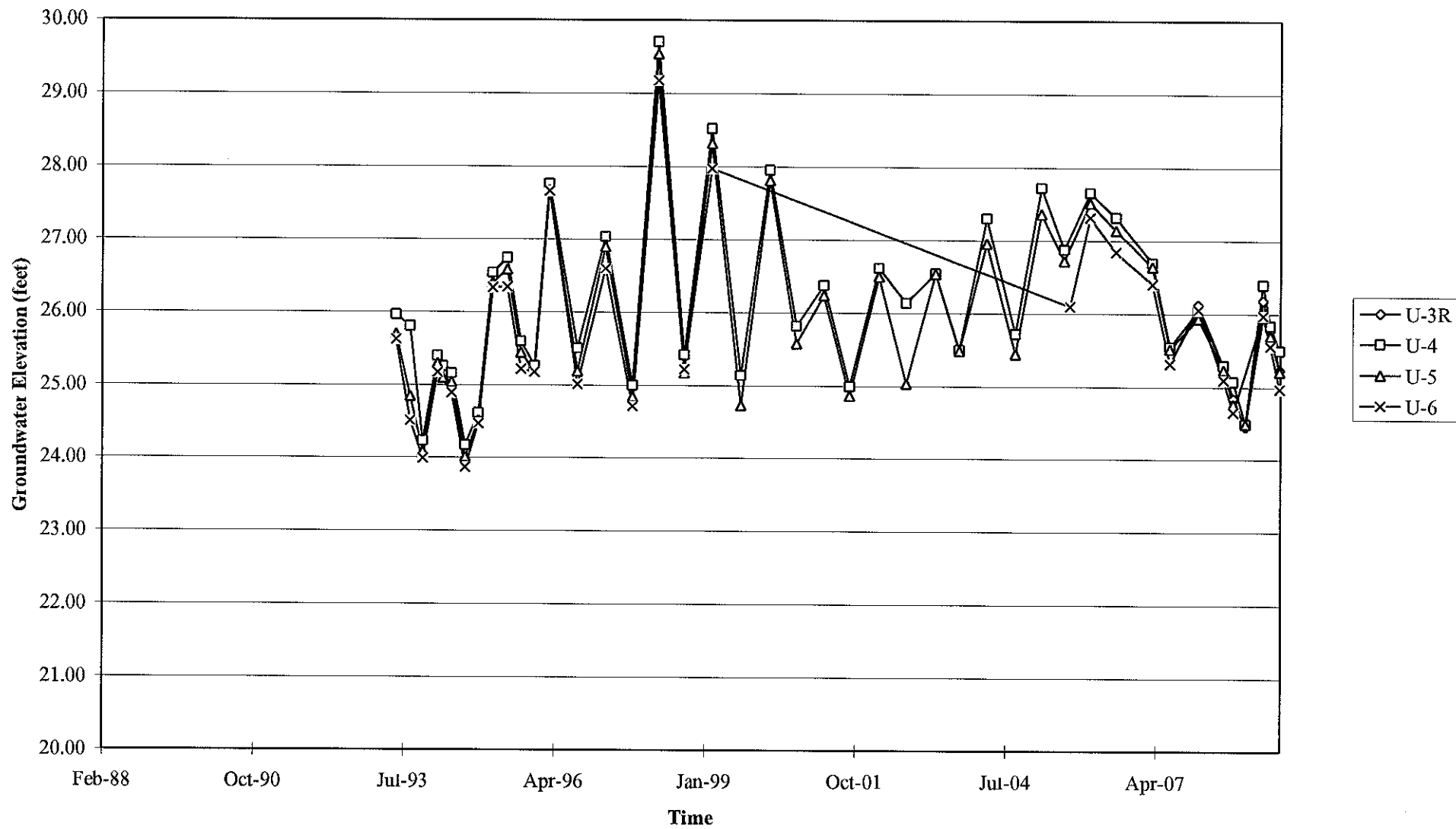
# GRAPHS

Groundwater Elevations vs. Time  
76 Station 5760



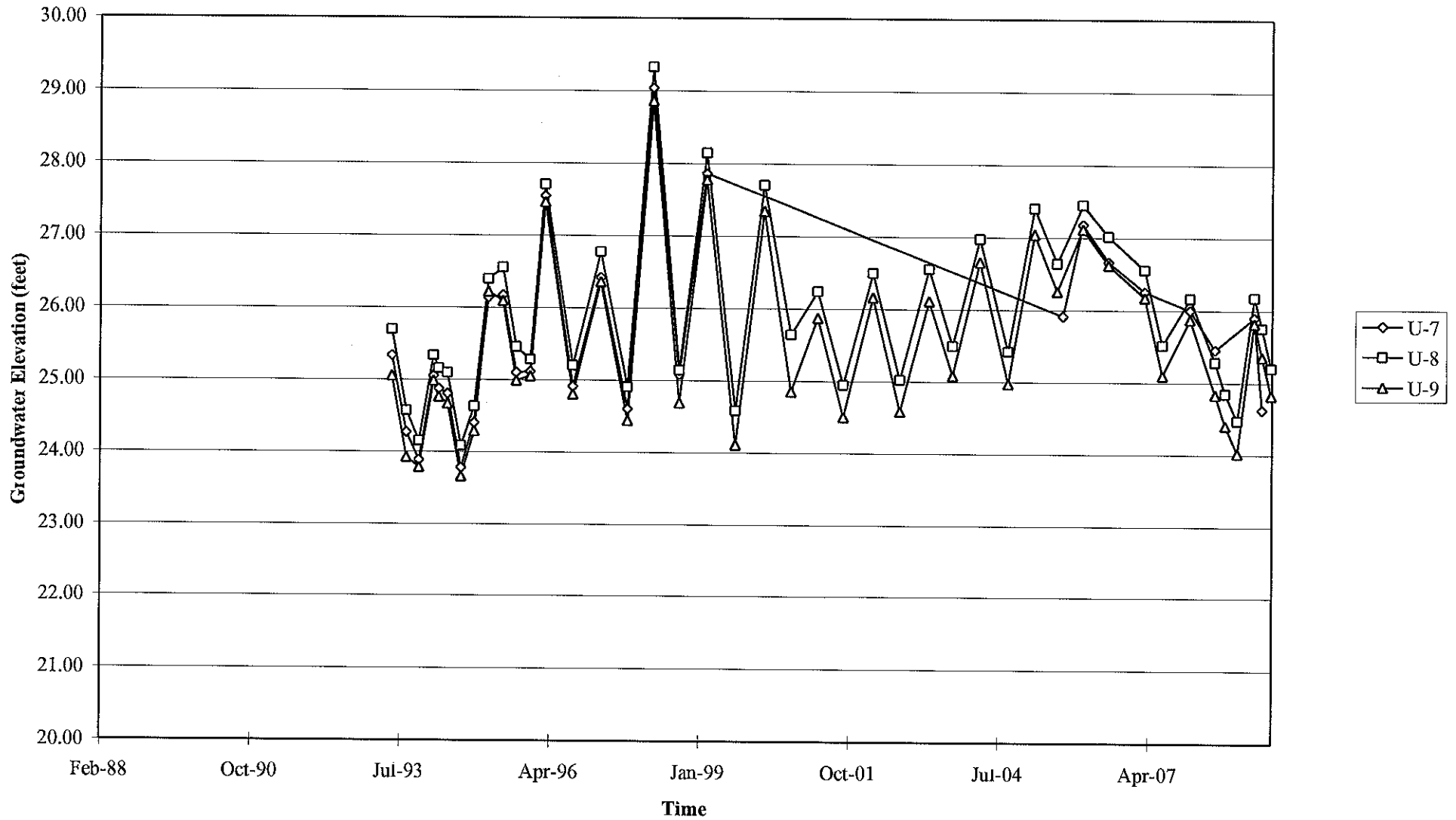
Elevations may have been corrected for apparent changes due to resurvey

Groundwater Elevations vs. Time  
76 Station 5760



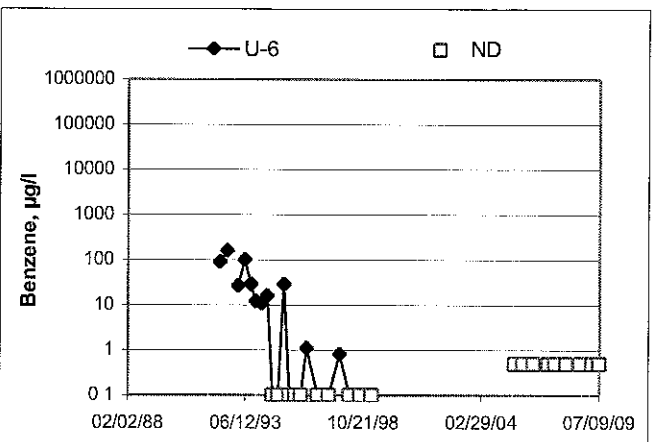
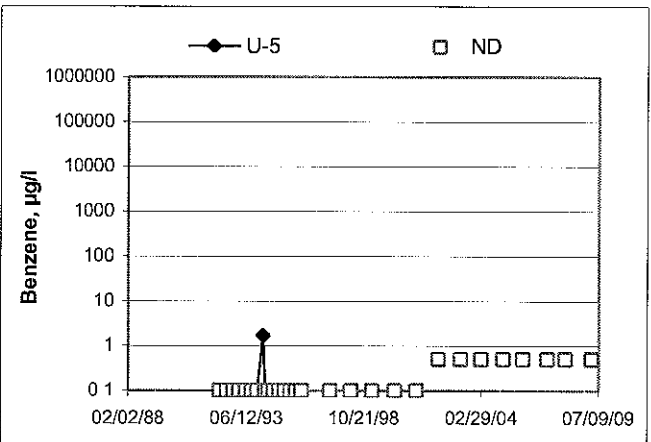
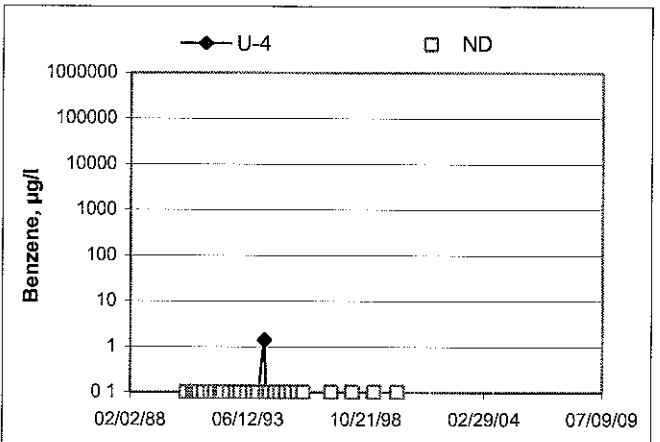
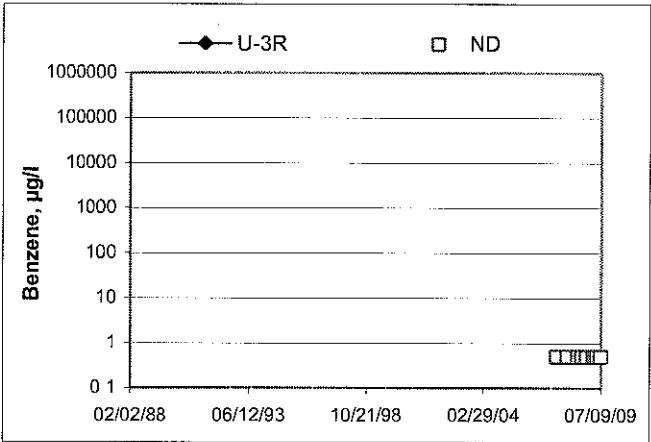
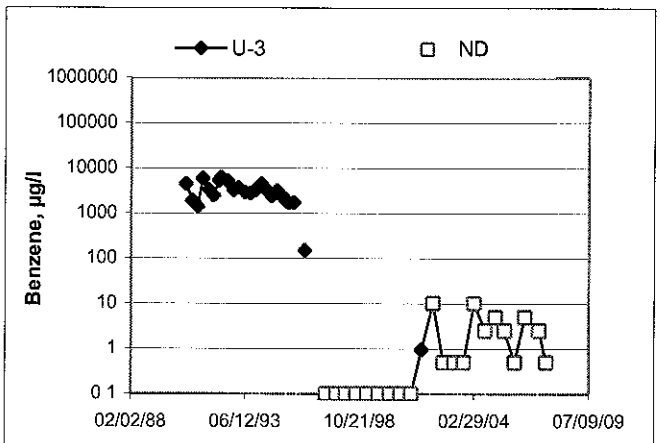
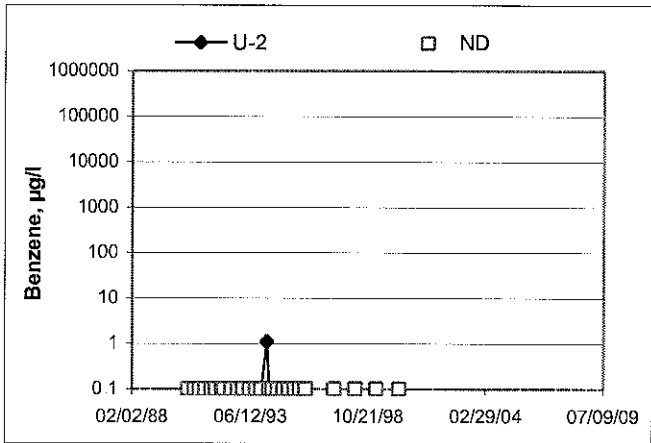
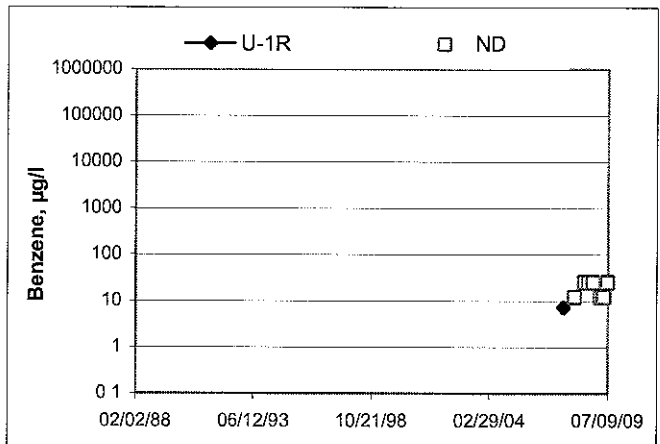
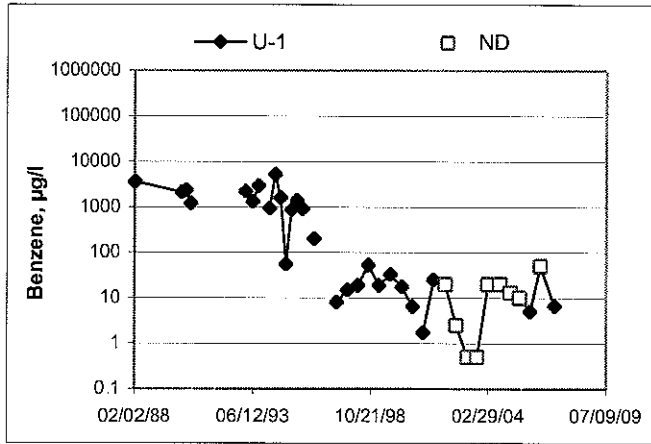
Elevations may have been corrected for apparent changes due to resurvey

Groundwater Elevations vs. Time  
76 Station 5760

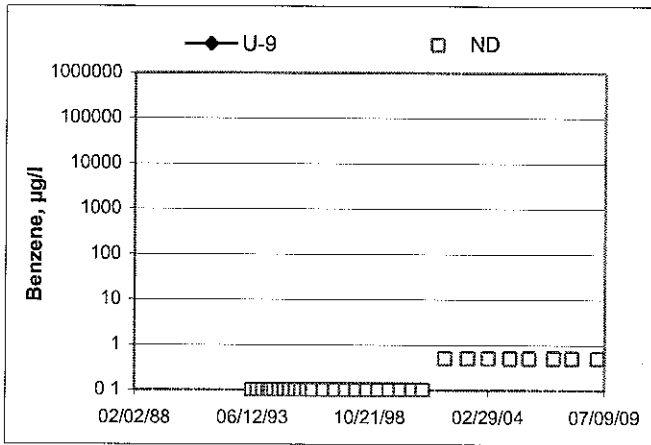
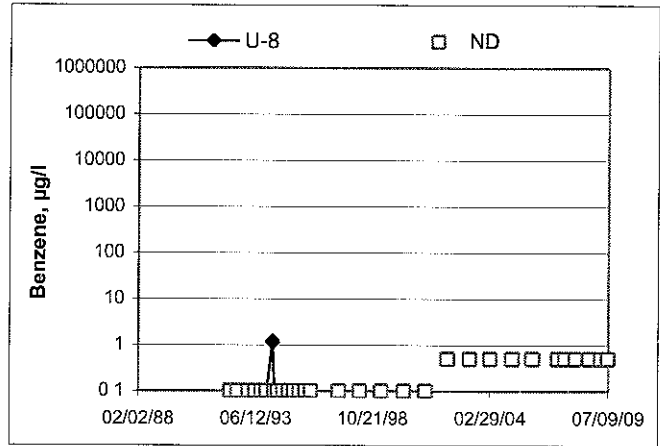
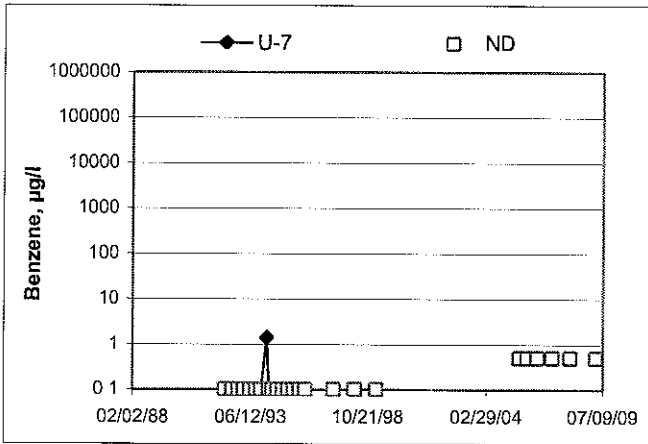


Elevations may have been corrected for apparent changes due to resurvey

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

## **Decontamination**

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

## **Exceptions**

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



## GROUNDWATER SAMPLING FIELD NOTES

Technician: Basilio

Site: 5760

Project No.: 165521

Date: 7-2-09

Well No. U-6

Purge Method: Sub

Depth to Water (feet): 15.10

Depth to Product (feet): —

Total Depth (feet): 28.30

LPH & Water Recovered (gallons): —

Water Column (feet): 13.20

Casing Diameter (Inches): 2

80% Recharge Depth(feet): 17.74

1 Well Volume (gallons): 3

Time Start	Time Stop	Depth to Water (feet)	Volume Purged (gallons)	Conductivity (µS/cm)	Temperature (F, °C)	pH	D O (mg/L)	ORP	Turbidity
Pre-Purge									
0751			3	1019	18.3	7.61			
			6	865.4	19.8	7.26			
	0758		9	859.3	20.4	7.05			
Static at Time Sampled			Total Gallons Purged			Sample Time			
15.20			9			0805			
Comments:									

Well No. U-8

Purge Method: Sub

Depth to Water (feet): 15.75

Depth to Product (feet): —

Total Depth (feet): 29.80

LPH & Water Recovered (gallons): —

Water Column (feet): 14.05

Casing Diameter (Inches): 2

80% Recharge Depth(feet): 18.56

1 Well Volume (gallons): 3

Time Start	Time Stop	Depth to Water (feet)	Volume Purged (gallons)	Conductivity (µS/cm)	Temperature (F, °C)	pH	D O (mg/L)	ORP	Turbidity
Pre-Purge									
0815			3	559.2	19.0	7.18			
			6	530.1	19.0	7.02			
	0821		9	528.0	19.1	6.91			
Static at Time Sampled			Total Gallons Purged			Sample Time			
15.82			9			0827			
Comments:									

## GROUNDWATER SAMPLING FIELD NOTES

Technician: Basilio

Site: 5760

Project No.: 165521

Date: 7-2-09

Well No. U-3R

Purge Method: HB

Depth to Water (feet): 16.35

Depth to Product (feet): —

Total Depth (feet): 24.97

LPH & Water Recovered (gallons): —

Water Column (feet): 8.62

Casing Diameter (Inches): 2

80% Recharge Depth(feet): 18.07

1 Well Volume (gallons): 2

Time Start	Time Stop	Depth to Water (feet)	Volume Purged (gallons)	Conductivity (µS/cm)	Temperature (F, C)	pH	D O (mg/L)	ORP	Turbidity
Pre-Purge									
0844			2	988.1	19.2	7.29			
			4	993.7	19.4	7.00			
	0855		6	991.1	19.5	6.89			
Static at Time Sampled			Total Gallons Purged			Sample Time			
16.48			6			0900			
Comments:									

Well No. U-1R

Purge Method: HB

Depth to Water (feet): 17.35

Depth to Product (feet): —

Total Depth (feet): 24.40

LPH & Water Recovered (gallons): —

Water Column (feet): 7.05

Casing Diameter (Inches): 2

80% Recharge Depth(feet): 18.76

1 Well Volume (gallons): 2

Time Start	Time Stop	Depth to Water (feet)	Volume Purged (gallons)	Conductivity (µS/cm)	Temperature (F, C)	pH	D O (mg/L)	ORP	Turbidity
Pre-Purge									
0925			2	1020	21.2	7.02			
			4	1049	20.1	6.88			
	0931		6	1047	20.0	6.75			
Static at Time Sampled			Total Gallons Purged			Sample Time			
17.40			6			0937			
Comments:									

STATEMENT OF NON-COMPLETION OF JOB

DATE OF EVENT: 7-2-09 SITE ID: 5760

TECH: Basilio CALLED SUPERVISOR:  YES / NO

CALLED PM:  YES / NO NAME OF PM: A. Collins

WELL ID: U-7 unable to access  
car parked on top well

WELL ID: \_\_\_\_\_

WELL ID: \_\_\_\_\_

Date of Report: 07/10/2009

Anju Farfan

TRC  
21 Technology Drive  
Irvine, CA 92618

RE: 5760  
BC Work Order: 0908627  
Invoice ID: B064747

Enclosed are the results of analyses for samples received by the laboratory on 7/2/2009. If you have any questions concerning this report, please feel free to contact me.

Sincerely,



Contact Person: Molly Meyers  
Client Service Rep



Authorized Signature



TRC  
21 Technology Drive  
Irvine, CA 92618

Project: 5760  
Project Number: 4510943614  
Project Manager: Anju Farfan

Reported: 07/10/2009 9:27

### Laboratory / Client Sample Cross Reference

Laboratory	Client Sample Information				
0908627-01	COC Number:	---		Receive Date:	07/02/2009 20:45
	Project Number:	5760		Sampling Date:	07/02/2009 08:05
	Sampling Location:	---		Sample Depth:	---
	Sampling Point:	U-6		Sample Matrix:	Water
	Sampled By:	TRCI			
				Delivery Work Order:	
				Global ID:	T0600101469
				Location ID (FieldPoint):	U-6
				Matrix:	W
				Sample QC Type (SACode):	CS
				Cooler ID:	
0908627-02	COC Number:	---		Receive Date:	07/02/2009 20:45
	Project Number:	5760		Sampling Date:	07/02/2009 08:27
	Sampling Location:	---		Sample Depth:	---
	Sampling Point:	U-8		Sample Matrix:	Water
	Sampled By:	TRCI			
				Delivery Work Order:	
				Global ID:	T0600101469
				Location ID (FieldPoint):	U-8
				Matrix:	W
				Sample QC Type (SACode):	CS
				Cooler ID:	
0908627-03	COC Number:	---		Receive Date:	07/02/2009 20:45
	Project Number:	5760		Sampling Date:	07/02/2009 09:00
	Sampling Location:	---		Sample Depth:	---
	Sampling Point:	U-3R		Sample Matrix:	Water
	Sampled By:	TRCI			
				Delivery Work Order:	
				Global ID:	T0600101469
				Location ID (FieldPoint):	U-3R
				Matrix:	W
				Sample QC Type (SACode):	CS
				Cooler ID:	
0908627-04	COC Number:	---		Receive Date:	07/02/2009 20:45
	Project Number:	5760		Sampling Date:	07/02/2009 09:37
	Sampling Location:	---		Sample Depth:	---
	Sampling Point:	U-1R		Sample Matrix:	Water
	Sampled By:	TRCI			
				Delivery Work Order:	
				Global ID:	T0600101469
				Location ID (FieldPoint):	U-1R
				Matrix:	W
				Sample QC Type (SACode):	CS
				Cooler ID:	

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Certifications: California - ELAP Certification Number 1186; Nevada Administrative Code - NAC-445A



**Laboratories, Inc.**

Environmental Testing Laboratory Since 1949



TRC  
21 Technology Drive  
Irvine, CA 92618

Project: 5760  
Project Number: 4510943614  
Project Manager: Anju Farfan

Reported: 07/10/2009 9:27

### Volatile Organic Analysis (EPA Method 8260)

BCL Sample ID: 0908627-01		Client Sample Name: 5760, U-6, 7/2/2009 8:05:00AM											
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	07/07/09	07/08/09 05:14	MWB	MS-V13	1	BSG0027	ND	
1,2-Dibromoethane	ND	ug/L	0.50		EPA-8260	07/07/09	07/08/09 05:14	MWB	MS-V13	1	BSG0027	ND	
1,2-Dichloroethane	ND	ug/L	0.50		EPA-8260	07/07/09	07/08/09 05:14	MWB	MS-V13	i	BSG0027	ND	
Ethylbenzene	ND	ug/L	0.50		EPA-8260	07/07/09	07/08/09 05:14	MWB	MS-V13	1	BSG0027	ND	
Methyl t-butyl ether	ND	ug/L	0.50		EPA-8260	07/07/09	07/08/09 05:14	MWB	MS-V13	1	BSG0027	ND	
Toluene	ND	ug/L	0.50		EPA-8260	07/07/09	07/08/09 05:14	MWB	MS-V13	i	BSG0027	ND	
Total Xylenes	ND	ug/L	1.0		EPA-8260	07/07/09	07/08/09 05:14	MWB	MS-V13	i	BSG0027	ND	
t-Amvl Methyl ether	ND	ug/L	0.50		EPA-8260	07/07/09	07/08/09 05:14	MWB	MS-V13	1	BSG0027	ND	
t-Butyl alcohol	ND	ug/L	10		EPA-8260	07/07/09	07/08/09 05:14	MWB	MS-V13	1	BSG0027	ND	
Diisopropyl ether	ND	ug/L	0.50		EPA-8260	07/07/09	07/08/09 05:14	MWB	MS-V13	i	BSG0027	ND	
Ethyl t-butyl ether	ND	ug/L	0.50		EPA-8260	07/07/09	07/08/09 05:14	MWB	MS-V13	i	BSG0027	ND	
<b>Total Purgeable Petroleum Hydrocarbons</b>	<b>110</b>	<b>ug/L</b>	<b>50</b>		<b>Luft-GC/MS</b>	<b>07/07/09</b>	<b>07/08/09 05:14</b>	<b>MWB</b>	<b>MS-V13</b>	<b>1</b>	<b>BSG0027</b>	<b>ND</b>	
1,2-Dichloroethane-d4 (Surrogate)	98.5	%	76 - 114 (LCL - UCL)		EPA-8260	07/07/09	07/08/09 05:14	MWB	MS-V13	1	BSG0027		
Toluene-d8 (Surrogate)	101	%	88 - 110 (LCL - UCL)		EPA-8260	07/07/09	07/08/09 05:14	MWB	MS-V13	i	BSG0027		
4-Bromofluorobenzene (Surrogate)	103	%	86 - 115 (LCL - UCL)		EPA-8260	07/07/09	07/08/09 05:14	MWB	MS-V13	i	BSG0027		

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Irvine, CA 92618

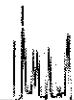
Project: 5760  
Project Number: 4510943614  
Project Manager: Anju Farfan

Reported: 07/10/2009 9:27

### Volatile Organic Analysis (EPA Method 8260)

BCL Sample ID: 0908627-02		Client Sample Name: 5760, U-8, 7/2/2009 8:27:00AM												
Constituent	Result	Units	PQL	MDL	Method	Prep Date	Run Date/Time	Analyst	Instru-ment ID	Dilution	QC Batch ID	MB Bias	Lab Quals	
Benzene	ND	ug/L	0.50		EPA-8260	07/07/09	07/08/09 05:39	MWB	MS-V13	i	BSG0083	ND		
1,2-Dibromoethane	ND	ug/L	0.50		EPA-8260	07/07/09	07/08/09 05:39	MWB	MS-V13	i	BSG0083	ND		
1,2-Dichloroethane	ND	ug/L	0.50		EPA-8260	07/07/09	07/08/09 05:39	MWB	MS-V13	1	BSG0083	ND		
Ethylbenzene	ND	ug/L	0.50		EPA-8260	07/07/09	07/08/09 05:39	MWB	MS-V13	1	BSG0083	ND		
Methyl t-butyl ether	ND	ug/L	0.50		EPA-8260	07/07/09	07/08/09 05:39	MWB	MS-V13	1	BSG0083	ND		
Toluene	ND	ug/L	0.50		EPA-8260	07/07/09	07/08/09 05:39	MWB	MS-V13	i	BSG0083	ND		
Total Xlenes	ND	ug/L	1.0		EPA-8260	07/07/09	07/08/09 05:39	MWB	MS-V13	i	BSG0083	ND		
t-Amyl Methyl ether	ND	ug/L	0.50		EPA-8260	07/07/09	07/08/09 05:39	MWB	MS-V13	1	BSG0083	ND		
t-Butyl alcohol	ND	ug/L	10		EPA-8260	07/07/09	07/08/09 05:39	MWB	MS-V13	1	BSG0083	ND		
Diisopropyl ether	ND	ug/L	0.50		EPA-8260	07/07/09	07/08/09 05:39	MWB	MS-V13	1	BSG0083	ND		
Ethyl t-butyl ether	ND	ug/L	0.50		EPA-8260	07/07/09	07/08/09 05:39	MWB	MS-V13	i	BSG0083	ND		
Total Purgeable Petroleum Hydrocarbons	ND	ug/L	50		Luft-GC/MS	07/07/09	07/08/09 05:39	MWB	MS-V13	i	BSG0083	ND		
1,2-Dichloroethane-d4 (Surrogate)	101	%	76 - 114 (LCL - UCL)		EPA-8260	07/07/09	07/08/09 05:39	MWB	MS-V13	1	BSG0083			
Toluene-d8 (Surrogate)	99.7	%	88 - 110 (LCL - UCL)		EPA-8260	07/07/09	07/08/09 05:39	MWB	MS-V13	1	BSG0083			
4-Bromofluorobenzene (Surrogate)	105	%	86 - 115 (LCL - UCL)		EPA-8260	07/07/09	07/08/09 05:39	MWB	MS-V13	i	BSG0083			

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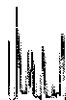
TRC 21 Technology Drive Irvine, CA 92618	Project: 5760 Project Number: 4510943614 Project Manager: Anju Farfan	Reported: 07/10/2009 9:27
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## Volatile Organic Analysis (EPA Method 8260)

BCL Sample ID:	0908627-03												
Client Sample Name:	5760, U-3R, 7/2/2009 9:00:00AM												
Constituent	Result	Units	PQL	MDL	Method	Prep Date	Run Date/Time	Analyst	Instru-ment ID	Dilution	QC Batch ID	MB Bias	Lab Quals
Benzene	ND	ug/L	0.50		EPA-8260	07/07/09	07/08/09 06:05	MWB	MS-V13	1	BSG0083	ND	
1,2-Dibromoethane	ND	ug/L	0.50		EPA-8260	07/07/09	07/08/09 06:05	MWB	MS-V13	1	BSG0083	ND	
1,2-Dichloroethane	ND	ug/L	0.50		EPA-8260	07/07/09	07/08/09 06:05	MWB	MS-V13	i	BSG0083	ND	
Ethylbenzene	ND	ug/L	0.50		EPA-8260	07/07/09	07/08/09 06:05	MWB	MS-V13	i	BSG0083	ND	
Methyl t-butyl ether	ND	ug/L	0.50		EPA-8260	07/07/09	07/08/09 06:05	MWB	MS-V13	i	BSG0083	ND	
Toluene	ND	ug/L	0.50		EPA-8260	07/07/09	07/08/09 06:05	MWB	MS-V13	1	BSG0083	ND	
Total Xylenes	ND	ug/L	1.0		EPA-8260	07/07/09	07/08/09 06:05	MWB	MS-V13	1	BSG0083	ND	
t-Amyl Methyl ether	ND	ug/L	0.50		EPA-8260	07/07/09	07/08/09 06:05	MWB	MS-V13	1	BSG0083	ND	
t-Butyl alcohol	ND	ug/L	10		EPA-8260	07/07/09	07/08/09 06:05	MWB	MS-V13	1	BSG0083	ND	
Diisopropyl ether	ND	ug/L	0.50		EPA-8260	07/07/09	07/08/09 06:05	MWB	MS-V13	i	BSG0083	ND	
Ethanol	ND	ug/L	250		EPA-8260	07/07/09	07/08/09 06:05	MWB	MS-V13	i	BSG0083	ND	
Ethyl t-butyl ether	ND	ug/L	0.50		EPA-8260	07/07/09	07/08/09 06:05	MWB	MS-V13	i	BSG0083	ND	
Total Purgeable Petroleum Hydrocarbons	ND	ug/L	50		Luft-GC/MS	07/07/09	07/08/09 06:05	MWB	MS-V13	1	BSG0083	ND	
1,2-Dichloroethane-d4 (Surrogate)	103	%	76 - 114 (LCL - UCL)		EPA-8260	07/07/09	07/08/09 06:05	MWB	MS-V13	1	BSG0083		
Toluene-d8 (Surrogate)	101	%	88 - 110 (LCL - UCL)		EPA-8260	07/07/09	07/08/09 06:05	MWB	MS-V13	1	BSG0083		
4-Bromofluorobenzene (Surrogate)	105	%	86 - 115 (LCL - UCL)		EPA-8260	07/07/09	07/08/09 06:05	MWB	MS-V13	i	BSG0083		

*The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.*

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TRC  
21 Technology Drive  
Irvine, CA 92618

Project: 5760  
Project Number: 4510943614  
Project Manager: Anju Farfan

Reported: 07/10/2009 9:27

## Volatile Organic Analysis (EPA Method 8260)

BCL Sample ID:	0908627-04		Client Sample Name:	5760, U-1R, 7/2/2009 9:37:00AM									
Constituent	Result	Units	PQL	MDL	Method	Prep Date	Run Date/Time	Analyst	Instru-ment ID	Dilution	QC Batch ID	MB Bias	Lab Quals
Benzene	ND	ug/L	25		EPA-8260	07/07/09	07/08/09 06:31	MWB	MS-V13	50	BSG0083	ND	A01
1,2-Dibromoethane	ND	ug/L	25		EPA-8260	07/07/09	07/08/09 06:31	MWB	MS-V13	50	BSG0083	ND	A01
1,2-Dichloroethane	ND	ug/L	25		EPA-8260	07/07/09	07/08/09 06:31	MWB	MS-V13	50	BSG0083	ND	A01
<b>Ethylbenzene</b>	<b>1800</b>	<b>ug/L</b>	<b>25</b>		<b>EPA-8260</b>	<b>07/07/09</b>	<b>07/08/09 06:31</b>	<b>MWB</b>	<b>MS-V13</b>	<b>50</b>	<b>BSG0083</b>	<b>ND</b>	<b>A01</b>
Methyl t-butyl ether	ND	ug/L	25		EPA-8260	07/07/09	07/08/09 06:31	MWB	MS-V13	50	BSG0083	ND	A01
Toluene	ND	ug/L	25		EPA-8260	07/07/09	07/08/09 06:31	MWB	MS-V13	50	BSG0083	ND	A01
<b>Total Xylenes</b>	<b>3500</b>	<b>ug/L</b>	<b>50</b>		<b>EPA-8260</b>	<b>07/07/09</b>	<b>07/08/09 06:31</b>	<b>MWB</b>	<b>MS-V13</b>	<b>50</b>	<b>BSG0083</b>	<b>ND</b>	<b>A01</b>
t-Amyl Methyl ether	ND	ug/L	25		EPA-8260	07/07/09	07/08/09 06:31	MWB	MS-V13	50	BSG0083	ND	A01
t-Butyl alcohol	ND	ug/L	500		EPA-8260	07/07/09	07/08/09 06:31	MWB	MS-V13	50	BSG0083	ND	A01
Diisopropyl ether	ND	ug/L	25		EPA-8260	07/07/09	07/08/09 06:31	MWB	MS-V13	50	BSG0083	ND	A01
Ethanol	ND	ug/L	12000		EPA-8260	07/07/09	07/08/09 06:31	MWB	MS-V13	50	BSG0083	ND	A01
Ethyl t-butyl ether	ND	ug/L	25		EPA-8260	07/07/09	07/08/09 06:31	MWB	MS-V13	50	BSG0083	ND	A01
<b>Total Purgeable Petroleum Hydrocarbons</b>	<b>21000</b>	<b>ug/L</b>	<b>2500</b>		<b>Luft-GC/MS</b>	<b>07/07/09</b>	<b>07/08/09 06:31</b>	<b>MWB</b>	<b>MS-V13</b>	<b>50</b>	<b>BSG0083</b>	<b>ND</b>	<b>A01</b>
1,2-Dichloroethane-d4 (Surrogate)	101	%	76 - 114 (LCL - UCL)		EPA-8260	07/07/09	07/08/09 06:31	MWB	MS-V13	50	BSG0083		
Toluene-d8 (Surrogate)	100	%	88 - 110 (LCL - UCL)		EPA-8260	07/07/09	07/08/09 06:31	MWB	MS-V13	50	BSG0083		
4-Bromofluorobenzene (Surrogate)	105	%	86 - 115 (LCL - UCL)		EPA-8260	07/07/09	07/08/09 06:31	MWB	MS-V13	50	BSG0083		



TRC  
21 Technology Drive  
Irvine, CA 92618

Project: 5760  
Project Number: 4510943614  
Project Manager: Anju Farfan

Reported: 07/10/2009 9:27

### 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		Lab Quals
										RPD	Percent Recovery	
Benzene	BSG0027	Matrix Spike	0908382-05	0	27.740	25.000	ug/L		111		70 - 130	
		Matrix Spike Duplicate	0908382-05	0	27.890	25.000	ug/L	0.9	112	20	70 - 130	
Toluene	BSG0027	Matrix Spike	0908382-05	0	28.470	25.000	ug/L		114		70 - 130	
		Matrix Spike Duplicate	0908382-05	0	28.240	25.000	ug/L	0.9	113	20	70 - 130	
1,2-Dichloroethane-d4 (Surrogate)	BSG0027	Matrix Spike	0908382-05	ND	9.0400	10.000	ug/L		90.4		76 - 114	
		Matrix Spike Duplicate	0908382-05	ND	9.4400	10.000	ug/L		94.4		76 - 114	
Toluene-d8 (Surrogate)	BSG0027	Matrix Spike	0908382-05	ND	9.9100	10.000	ug/L		99.1		88 - 110	
		Matrix Spike Duplicate	0908382-05	ND	10.060	10.000	ug/L		101		88 - 110	
4-Bromofluorobenzene (Surrogate)	BSG0027	Matrix Spike	0908382-05	ND	9.6500	10.000	ug/L		96.5		86 - 115	
		Matrix Spike Duplicate	0908382-05	ND	9.6600	10.000	ug/L		96.6		86 - 115	
Benzene	BSG0083	Matrix Spike	0908495-01	0	28.180	25.000	ug/L		113		70 - 130	
		Matrix Spike Duplicate	0908495-01	0	27.730	25.000	ug/L	1.8	111	20	70 - 130	
Toluene	BSG0083	Matrix Spike	0908495-01	0	28.170	25.000	ug/L		113		70 - 130	
		Matrix Spike Duplicate	0908495-01	0	27.970	25.000	ug/L	0.9	112	20	70 - 130	
1,2-Dichloroethane-d4 (Surrogate)	BSG0083	Matrix Spike	0908495-01	ND	9.6200	10.000	ug/L		96.2		76 - 114	
		Matrix Spike Duplicate	0908495-01	ND	9.3000	10.000	ug/L		93.0		76 - 114	
Toluene-d8 (Surrogate)	BSG0083	Matrix Spike	0908495-01	ND	10.030	10.000	ug/L		100		88 - 110	
		Matrix Spike Duplicate	0908495-01	ND	10.010	10.000	ug/L		100		88 - 110	
4-Bromofluorobenzene (Surrogate)	BSG0083	Matrix Spike	0908495-01	ND	10.000	10.000	ug/L		100		86 - 115	
		Matrix Spike Duplicate	0908495-01	ND	9.6300	10.000	ug/L		96.3		86 - 115	

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Irvine, CA 92618

Project: 5760  
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Project Manager: Anju Farfan

Reported: 07/10/2009 9:27

## Volatile Organic Analysis (EPA Method 8260)

### Quality Control Report - Laboratory Control Sample

Constituent	Batch ID	QC Sample ID	QC Type	Result	Spike Level	PQL	Units	Percent Recovery	RPD	Control Limits		Lab Quals
										Percent Recovery	RPD	
Benzene	BSG0027	BSG0027-BS1	LCS	27.670	25.000	0.50	ug/L	111		70 - 130		
Toluene	BSG0027	BSG0027-BS1	LCS	28.180	25.000	0.50	ug/L	113		70 - 130		
1,2-Dichloroethane-d4 (Surrogate)	BSG0027	BSG0027-BS1	LCS	9.5300	10.000		ug/L	95.3		76 - 114		
Toluene-d8 (Surrogate)	BSG0027	BSG0027-BS1	LCS	10.050	10.000		ug/L	100		88 - 110		
4-Bromofluorobenzene (Surrogate)	BSG0027	BSG0027-BS1	LCS	9.6200	10.000		ug/L	96.2		86 - 115		
Benzene	BSG0083	BSG0083-BS1	LCS	28.410	25.000	0.50	ug/L	114		70 - 130		
Toluene	BSG0083	BSG0083-BS1	LCS	28.580	25.000	0.50	ug/L	114		70 - 130		
1,2-Dichloroethane-d4 (Surrogate)	BSG0083	BSG0083-BS1	LCS	9.4400	10.000		ug/L	94.4		76 - 114		
Toluene-d8 (Surrogate)	BSG0083	BSG0083-BS1	LCS	10.030	10.000		ug/L	100		88 - 110		
4-Bromofluorobenzene (Surrogate)	BSG0083	BSG0083-BS1	LCS	9.6600	10.000		ug/L	96.6		86 - 115		

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Reported: 07/10/2009 9:27

### Volatile Organic Analysis (EPA Method 8260)

#### Quality Control Report - Method Blank Analysis

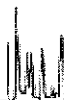
Constituent	Batch ID	QC Sample ID	MB Result	Units	PQL	MDL	Lab Quals
Benzene	BSG0027	BSG0027-BLK1	ND	ug/L	0.50		
1,2-Dibromoethane	BSG0027	BSG0027-BLK1	ND	ug/L	0.50		
1,2-Dichloroethane	BSG0027	BSG0027-BLK1	ND	ug/L	0.50		
Ethylbenzene	BSG0027	BSG0027-BLK1	ND	ug/L	0.50		
Methyl t-butyl ether	BSG0027	BSG0027-BLK1	ND	ug/L	0.50		
Toluene	BSG0027	BSG0027-BLK1	ND	ug/L	0.50		
Total Xylenes	BSG0027	BSG0027-BLK1	ND	ug/L	1.0		
t-Amyl Methyl ether	BSG0027	BSG0027-BLK1	ND	ug/L	0.50		
t-Butyl alcohol	BSG0027	BSG0027-BLK1	ND	ug/L	10		
Diisopropyl ether	BSG0027	BSG0027-BLK1	ND	ug/L	0.50		
Ethyl t-butyl ether	BSG0027	BSG0027-BLK1	ND	ug/L	0.50		
Total Purgeable Petroleum Hydrocarbons	BSG0027	BSG0027-BLK1	ND	ug/L	50		
1,2-Dichloroethane-d4 (Surrogate)	BSG0027	BSG0027-BLK1	96.0	%		76 - 114 (LCL - UCL)	
Toluene-d8 (Surrogate)	BSG0027	BSG0027-BLK1	99.1	%		88 - 110 (LCL - UCL)	
4-Bromofluorobenzene (Surrogate)	BSG0027	BSG0027-BLK1	104	%		86 - 115 (LCL - UCL)	
Benzene	BSG0083	BSG0083-BLK1	ND	ug/L	0.50		
1,2-Dibromoethane	BSG0083	BSG0083-BLK1	ND	ug/L	0.50		
1,2-Dichloroethane	BSG0083	BSG0083-BLK1	ND	ug/L	0.50		
Ethylbenzene	BSG0083	BSG0083-BLK1	ND	ug/L	0.50		
Methyl t-butyl ether	BSG0083	BSG0083-BLK1	ND	ug/L	0.50		
Toluene	BSG0083	BSG0083-BLK1	ND	ug/L	0.50		
Total Xylenes	BSG0083	BSG0083-BLK1	ND	ug/L	1.0		
t-Amyl Methyl ether	BSG0083	BSG0083-BLK1	ND	ug/L	0.50		
t-Butyl alcohol	BSG0083	BSG0083-BLK1	ND	ug/L	10		

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**Laboratories, Inc.**

Environmental Testing Laboratory Since 1949



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Project: 5760  
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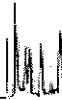
Reported: 07/10/2009 9:27

## 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
Diisopropyl ether	BSG0083	BSG0083-BLK1	ND	ug/L	0.50		
Ethanol	BSG0083	BSG0083-BLK1	ND	ug/L	250		
Ethyl t-butyl ether	BSG0083	BSG0083-BLK1	ND	ug/L	0.50		
Total Purgeable Petroleum Hydrocarbons	BSG0083	BSG0083-BLK1	ND	ug/L	50		
1,2-Dichloroethane-d4 (Surrogate)	BSG0083	BSG0083-BLK1	94.9	%		76 - 114 (LCL - UCL)	
Toluene-d8 (Surrogate)	BSG0083	BSG0083-BLK1	99.0	%		88 - 110 (LCL - UCL)	
4-Bromofluorobenzene (Surrogate)	BSG0083	BSG0083-BLK1	103	%		86 - 115 (LCL - UCL)	

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Reported: 07/10/2009 9:27

**Notes And Definitions**

- MDL Method Detection Limit
- ND Analyte Not Detected at or above the reporting limit
- PQL Practical Quantitation Limit
- RPD Relative Percent Difference
- A01 PQL's and MDL's are raised due to sample dilution.



Submission #: 09-8627

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

Refrigerant: Ice  Blue Ice  None  Other  Comments: \_\_\_\_\_

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

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

COC Received  YES  NO  
 Emissivity: 0.98 Container: Open Thermometer ID: JN1123 Date/Time: 7-2-09 <sup>2015</sup>  
 Temperature: A 3.3 °C / C 30 °C Analyst Init: JLW

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										
PT TOTAL ORGANIC CARBON										
PT TOX										
PT CHEMICAL OXYGEN DEMAND										
PLA PHENOLICS										
40ml VOA VIAL TRAVEL BLANK										
40ml VOA VIAL	<u>A 14</u>	<u>A 16</u>	<u>A 16</u>	<u>A 14</u>						
QT EPA 413.1, 413.2, 418.1										
PT ODOR										
RADIOLOGICAL										
BACTERIOLOGICAL										
40 ml VOA VIAL- 504										
QT EPA 508/608/8080										
QT EPA 515.1/8150										
QT EPA 525										
QT EPA 525 TRAVEL BLANK										
100ml EPA 547										
100ml EPA 531.1										
QT EPA 548										
QT EPA 549										
QT EPA 632										
QT EPA 8015M										
QT AMBER										
8 OZ. JAR										
32 OZ. JAR										
SOIL SLEEVE										
PCB VIAL										
PLASTIC BAG										
FERROUS IRON										
ENCORE										

Comments: \_\_\_\_\_  
 Sample Numbering Completed By: PLM Date/Time: 07-02-09 2:00

A = Actual / C = Corrected

**BC LABORATORIES, INC.**

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

**CHAIN OF CUSTODY**

09-8627

**Analysis Requested**

Bill to: Conoco Phillips/ TRC		Consultant Firm: TRC		MATRIX (GW) Ground-water (S) Soil (WW) Waste-water (SL) Sludge	BTEX/MTBE by 8021B, Gas by 8015	TPH GAS by 8015M	TPH DIESEL by 8015	8260 full list w/ oxygenates	BTEX/MTBE/OXYS BY 8260B	ETHANOL by 8260B	TPH -G by GC/MS	EOD/KIC by 8260B	Turnaround Time Requested
Address: 376 Lewelling Blvd.		21 Technology Drive Irvine, CA 92618-2302 Attn: Anju Farfan											
City: San Lorenzo		4-digit site#: 5760 Workorder # 01468-4510943614											
State: CA	Zip:	Project #: 165521											
Conoco Phillips Mgr: TED MOISE		Sampler Name: Basilio Del Real											

Lab#	Sample Description	Field Point Name	Date & Time Sampled										
-1		U-6	7-2-09 0805	↓					X		X	X	570
-2		U-8	↓ 0827	↓					↓		↓	↓	↓
-3		U-3R	↓ 0900	↓					↓	X	↓	↓	↓
-4		U-1R	↓ 0937	↓					↓	X	↓	↓	↓

CHK BY: JW  
DISTRIBUTION: [Signature]  
SUB OUT: [Signature]

Comments:  GLOBAL ID: T0600101469	Relinquished by: (Signature) <u>[Signature]</u>	Received by: <u>[Signature]</u>	Date & Time 7/2/09 1418
	Relinquished by: (Signature) <u>[Signature]</u> 7/2/09	Received by: <u>[Signature]</u>	Date & Time 7-2-09 1750
	Relinquished by: (Signature) <u>[Signature]</u> 7-2-09 2045	Received by: <u>[Signature]</u>	Date & Time 7-2-09 2045

## **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 a licensed carrier, to the ConocoPhillips Refinery at Rodeo, California. Disposal at the Rodeo facility was authorized by ConocoPhillips in accordance with "ESD Standard Operating Procedures - Water Quality and Compliance", as revised on February 7, 2003. Documentation of compliance with ConocoPhillips requirements is provided by an ESD Form R-149, which is on file at TRC's Concord Office. Purge water suspected of containing potentially hazardous material, such as liquid-phase hydrocarbons, was accumulated separately in a drum for transportation and disposal by others.

### **Limitations**

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