



76 Broadway
Sacramento, California 95818

April 14, 2011

Ms. Barbara Jakub
Alameda County Health Agency
1131 Harbor Bay Parkway
Alameda, California 94502

RECEIVED

4:00 pm, Apr 19, 2011

Alameda County
Environmental Health

Re: **Semi-Annual Summary Report – Fourth Quarter 2010 and First Quarter 2011**
76 Service Station No. 5760
376 Lewelling Boulevard
San Lorenzo, California

Dear Mr. 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
Ted.Moise@contractor.conocophillips.com

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

Sincerely,

Eric G. Hetrick
Site Manager
Risk Management & Remediation

Attachment



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

Stantec

Semi-Annual Summary Report – Fourth Quarter 2010 and First Quarter 2011

76 Service Station No. 5760

376 Lewelling Boulevard

San Lorenzo, California

ACEHS File No.:

RO0000344

Stantec Project No.:

211802220.200.0020

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

April 13, 2011

INTRODUCTION

On behalf of ConocoPhillips Company (ConocoPhillips), Stantec Consulting Corporation (Stantec), has prepared this semi-annual summary report for 76 Service Station No. 5760, located at 376 Lewelling Boulevard, San Lorenzo, California (Figure 1). Based on an Alameda County Environmental Health Services (ACEHS) letter dated July 24, 2009, the site is currently monitored and sampled semi-annually during the first and third quarter of each year.

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 as Figure 2.

SITE GEOLOGY AND HYDROGEOLOGY

The site is located on the East Bay Plain, which gently slopes westward 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 (DWR) 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, and 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 clay; the laboratory determined the soil to have a permeability of 6.0×10^{-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. Hydraulic conductivity calculated during the constant-rate discharge test ranged from 175.4 gallons per day per square foot (gpd/ft²) to 350 gpd/ft², a value consistent with that of 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 June 15, 1992.

In May 1993, GSI oversaw the installation of monitoring well U-9 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.

In July 2010, Stantec staff supervised the advancement of two confirmation soil borings and one cone penetrometer test boring, as proposed in Stantec's *Revised Work Plan for Additional Site Assessment*, dated April 27, 2009. The results of the site assessment activities are documented in Stantec's *Additional Assessment Report and Remedial Action Plan*, dated August 16, 2010.

SENSITIVE RECEPTORS

In 1992, GSI contacted the Alameda County Flood Control and Water Conservation District 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 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.

Between October and December 2010, Stantec attempted to determine the status of the four wells identified in GSI's 1992 report which were determined to be located within 1,000 feet of the site. Stantec determined that wells no longer exist on three of the four properties; the status of the well reported on one property (15594 Sharon Street [up-gradient]) could not be determined. A full discussion pertaining to the well status verification activities is presented in Stantec's *Results of Flow and Transport Modeling and Off-Site Well Verification Activities*, dated January 7, 2011.

Based on the United States 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. Groundwater monitoring and sampling activities are currently being performed by TRC Solutions (TRC). Currently, nine wells are monitored semi-annually (U-1R, U-2, U-3R, and U-4 through U-9) during the first and third quarter of each year. 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 total purgeable petroleum hydrocarbons (TPPH a.k.a. TPHg), benzene, toluene, ethylbenzene, and total xylenes, fuel oxygenates methyl tert-butyl ether (MTBE), tert-butyl alcohol, diisopropyl ether, ethyl tert-butyl ether, and tert-amyl methyl ether, as well as lead scavengers dibromoethane and 1,2-dichloroethane by EPA Method 8260B. Groundwater samples collected from U-1R and U-3R are also analyzed for ethanol by EPA Method 8260B.

During the first quarter 2011, depth to groundwater ranged between 13.22 and 16.92 feet below top of casing (TOC), an average decrease in depth to water of 1.36 foot from the previous

sampling event (third quarter 2011). The direction of groundwater flow was toward the southwest at a gradient of 0.002 foot/foot, consistent with previous historical data.

The highest concentration of TPPH continued to be detected in on-site well U-1R. TPPH were reported in wells U-1R and U-6 at 6,000 micrograms per liter ($\mu\text{g/L}$) and 67 $\mu\text{g/L}$, respectively. Ethylbenzene and total xylenes were detected in well U-1R at concentrations of 750 $\mu\text{g/L}$ and 270 $\mu\text{g/L}$, respectively. No other analytes were detected at concentrations exceeding their respective analytical method detection limits in any of the groundwater samples submitted for laboratory analysis. Hydrocarbon concentrations detected in well U-1R were lower than those observed during the third quarter 2010.

CHARACTERIZATION STATUS

The highest concentration 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. Dissolved-phase petroleum hydrocarbon concentrations in well U-1R continue to attenuate. Assessment activities performed in July 2010 suggest that the dispenser islands do not represent a secondary source of dissolved-phase petroleum hydrocarbons.

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. Stantec submitted an *Additional Assessment Report and Remedial Action Plan*, dated August 16, 2010, which recommended natural attenuation with long-term groundwater monitoring as the preferred remedial approach. A response to the remedial action plan has not yet been received.

CURRENT ASSESSMENT ACTIVITIES

Stantec prepared and submitted *Results of Flow and Transport Modeling and Off-Site Well Verification Activities*, dated January 7, 2011. The findings of the flow and transport modeling indicate limited down-gradient migration of the dissolved plume (approximately 80 feet over 10 years) is expected, dissolved-phase concentrations will continue to attenuate, and three of the four private wells previously identified as being located within 1,000 feet of the site no longer exist (the fate of the remaining well could not be determined). Based on the results of current and historical dissolved-phase contaminant concentration trends and information presented in Stantec's January 7, 2011 report, Stantec recommends natural attenuation with long-term

groundwater monitoring as the preferred remedial approach, as originally proposed in Stantec's *Additional Assessment Report and Remedial Action Plan*, dated August 16, 2010.

RECENT SUBMITTALS/CORRESPONDENCE

Submitted by Stantec – *Quarterly Summary Report – Third Quarter 2010*, dated October 13, 2010.

Submitted by Stantec – *Results of Flow and Transport Modeling and Off-Site Well Verification Activities*, dated January 7, 2011.

WASTE DISPOSAL SUMMARY

The volume of purged groundwater generated and disposed of during the semi-annual groundwater monitoring event is documented in TRC's *Groundwater Monitoring Report, January through March 2011*, dated March 28, 2011 (Attachment 1).

THIS REPORTING PERIOD ACTIVITIES (Fourth Quarter 2010 and First Quarter 2011)

1. Stantec prepared and submitted a quarterly summary report.
2. Stantec performed flow and transport modeling and off-site well verification activities.
3. Stantec prepared a report documenting results of flow and transport modeling and off-site well verification activities.
4. TRC performed semi-annual groundwater monitoring and sampling.

NEXT REPORTING PERIOD ACTIVITIES (Second and Third Quarter 2011)

1. A semi-annual summary report will be prepared and submitted.
2. TRC to perform semi-annual groundwater monitoring and sampling.
3. Pending regulatory concurrence, the proposed RAP will be implemented.

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.

If you have any questions, please contact Clinton Harms at (916) 861-0400 ext. 228.

Sincerely,

Stantec Consulting Corporation

Prepared By:

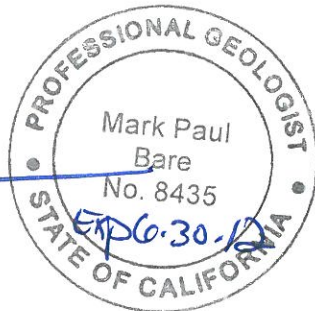


Richard Peltier, P.G.
Project Geologist

Approved By:



Mark P. Bare, P.G.
Senior Geologist



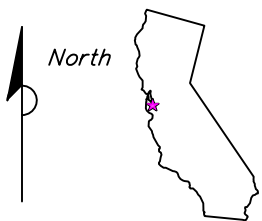
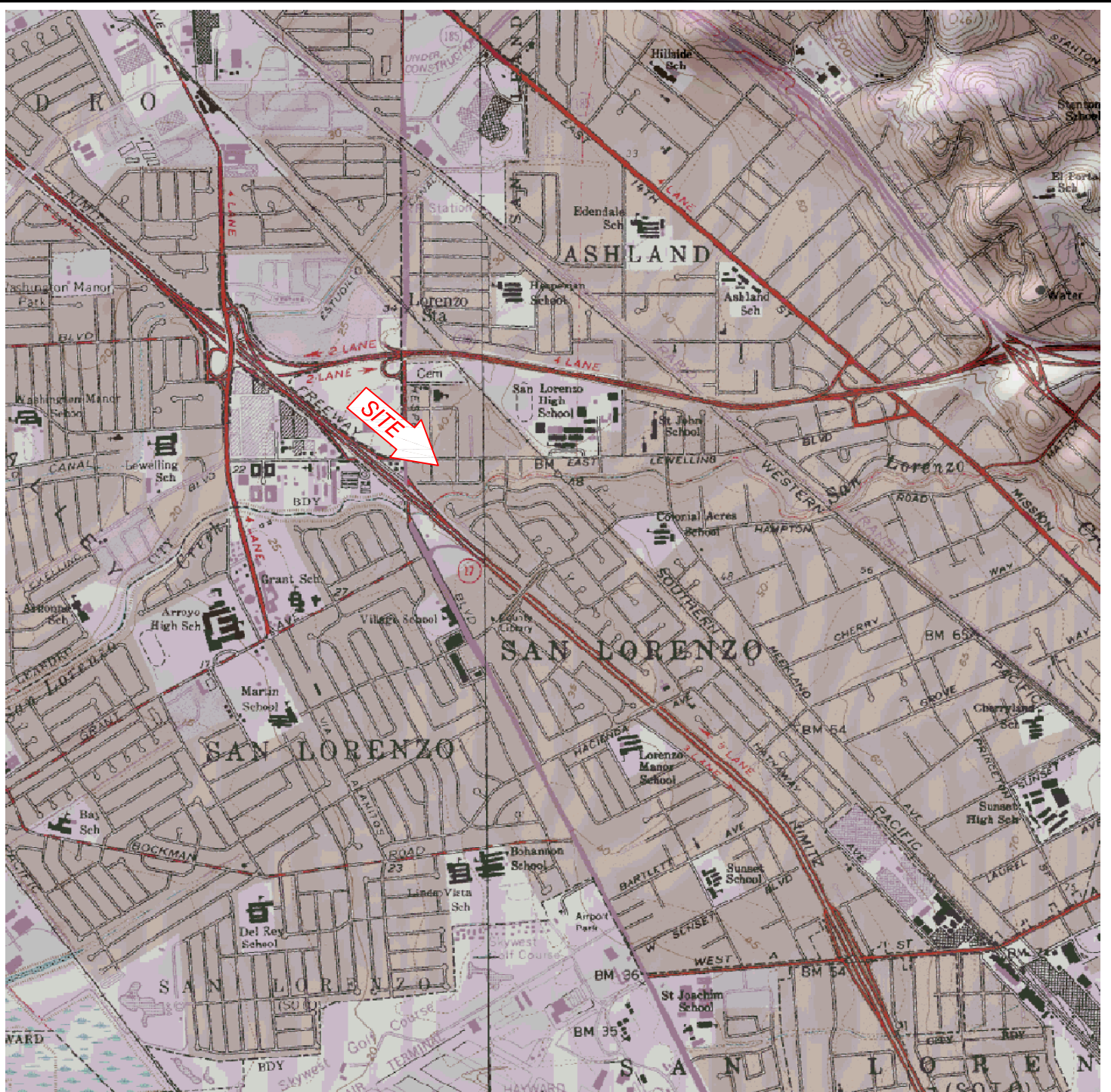
Attachments:

- Figure 1 – Site Location Map
- Figure 2 – Site Plan

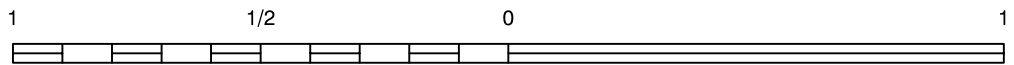
Attachment 1 - TRC's *Groundwater Monitoring Report – January through March 2011*

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

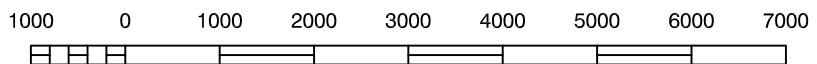
FIGURES



CALIFORNIA



SCALE (MILES)



SCALE (FEET)

REFERENCE: USGS 7.5 MINUTE QUADRANGLE, SAN LORENZO, CALIFORNIA



Stantec

FOR:
76 SERVICE STATION #5760
376 LEWELLING BOULEVARD
SAN LORENZO, CALIFORNIA

SITE LOCATION MAP

FIGURE:

1

JOB NUMBER:
211402275

DRAWN BY:
CM





CHECKED BY:
BC

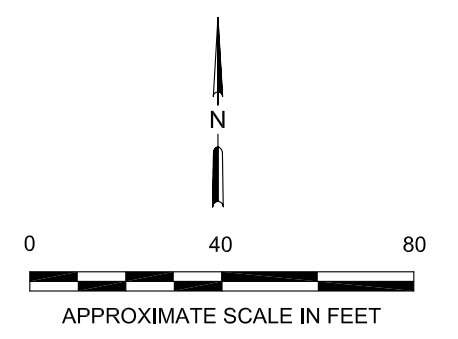
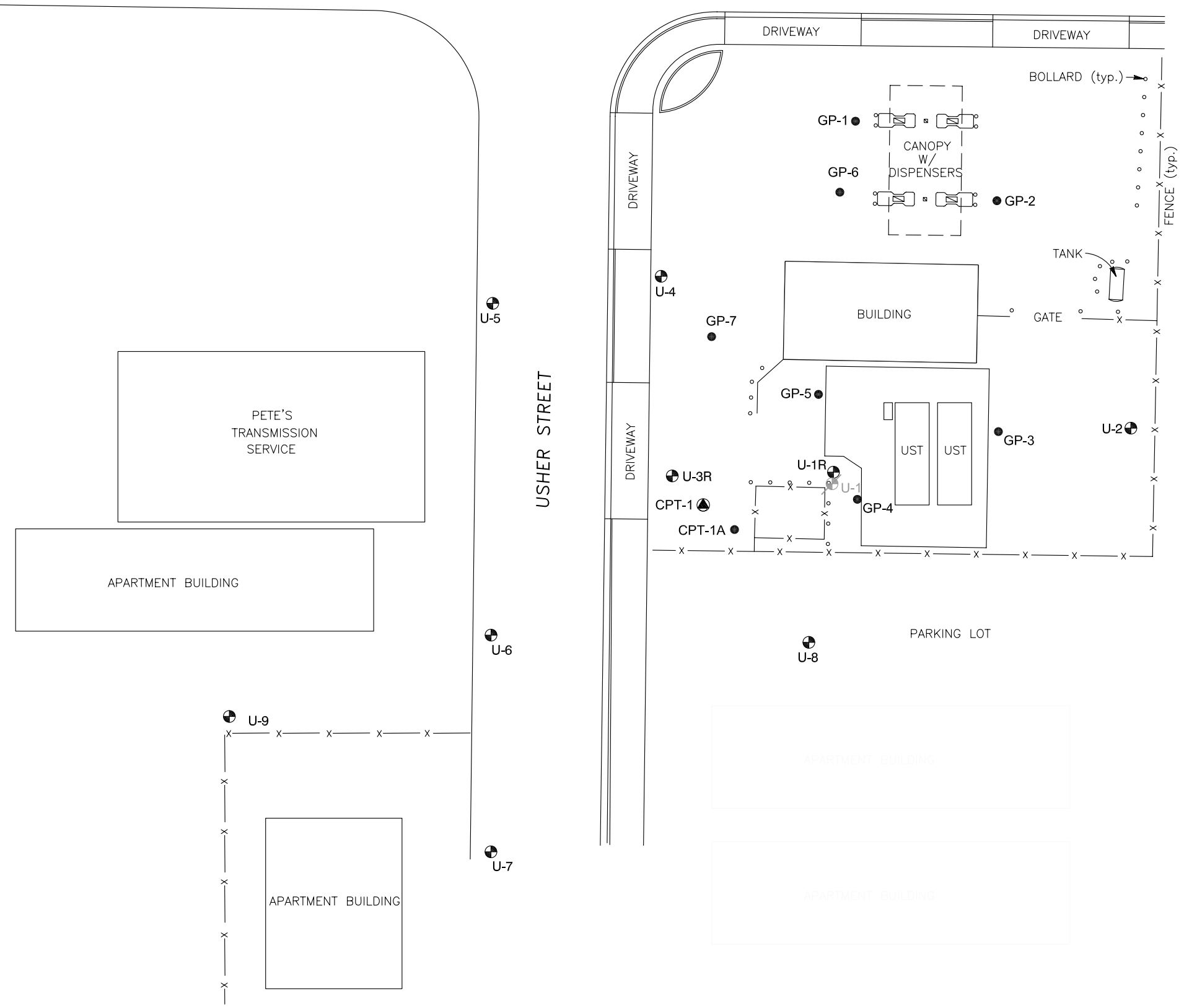
APPROVED BY:
--

DATE:
04/13/09

LEWELLING BOULEVARD


LEGEND:

- U-2  GROUNDWATER MONITORING WELL LOCATION
- U-1  DESTROYED MONITORING WELL LOCATION
- GP-1  GEOPROBE SOIL BORING LOCATION
- CPT-1  CPT LOCATION



No warranty is made by Stantec Consulting Corp. as to the accuracy, reliability, or completeness of these data. Original data were compiled from various sources. This information may not meet National Map Accuracy Standards. This product was developed electronically, and may be updated without notification. Any reproduction may result in a loss of scale and/or information.

REFERENCE: SITE PLAN BASED ON FIGURE PROVIDED BY DELTA

	FOR:		76 SERVICE STATION #5760 376 LEWELLING BOULEVARD SAN LORENZO, CALIFORNIA		SITE PLAN		FIGURE: 2	
	JOB NUMBER:	DRAWN BY:						
	211302687.200.0590	J. Barboza	BC	BC	07/22/10			

ATTACHMENT 1
TRC'S *GROUNDWATER MONITORING REPORT*
JANUARY THROUGH MARCH 2011

Semi-Annual Summary Report – Fourth Quarter 2010 and First Quarter 2011
76 Service Station No. 5760
376 Lewelling Boulevard
San Lorenzo, California



123 Technology Drive West
Irvine, CA 92618

949.727.9336 PHONE
949.727.7399 FAX

www.TRCSolutions.com

DATE: March 28, 2011

TO: ConocoPhillips Company
76 Broadway
Sacramento, CA 95818

ATTN: MR. TED MOISE

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

RE: GROUNDWATER MONITORING REPORT
JANUARY THROUGH MARCH 2011

Dear Mr. Moise:

Please find enclosed our Groundwater 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", with a small flourish at the end.

Anju Farfan
Groundwater Program Operations Manager

CC: Mr. Clint Harms, Stantec (1 copy)

Enclosures
20-0400/5760R19.QMS

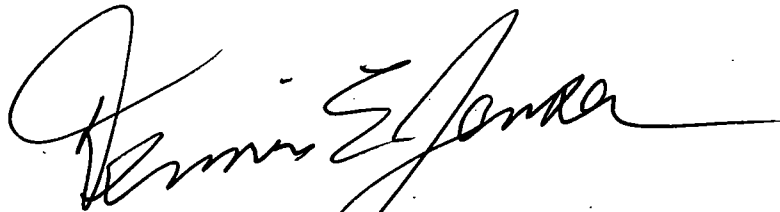
**GROUNDWATER MONITORING REPORT
JANUARY THROUGH MARCH 2011**

76 STATION 5760
376 Lewelling Boulevard
San Lorenzo, California

Prepared For:

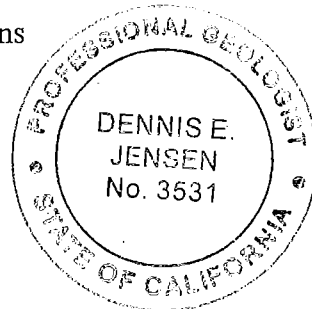
Mr. Ted Moise
CONOCOPHILLIPS COMPANY
76 Broadway
Sacramento, California 95818

By:



Senior Project Geologist, Irvine Operations

Date: 3/28/11



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 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 – 3/8/11 Groundwater Sampling Field Notes – 3/8/11
Laboratory Reports	Official Laboratory Reports Quality Control Reports Chain of Custody Records
Statements	Purge Water Disposal Limitations

**Summary of Gauging and Sampling Activities
January through March 2011
76 Station 5760
376 Lewelling Boulevard
San Lorenzo, CA**

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

Water Sampling Contractor: **TRC**
Compiled by: **Daniel Lee**

Date(s) of Gauging/Sampling Event: **3/8/2011**

Sample Points

Groundwater wells: **4** onsite, **5** offsite Points gauged: **9** Points sampled: **7**
Purging method: **Submersible pump/bailer**
Purge water disposal: **Crosby and Overton treatment facility**
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: **13.22 feet** Maximum: **16.92 feet**
Average groundwater elevation (relative to available local datum): **26.45 feet**
Average change in groundwater elevation since previous event: **1.36 feet**
Interpreted groundwater gradient and flow direction:
 Current event: **0.002 ft/ft, southwest**
 Previous event: **0.003 ft/ft, southwest (9/27/2010)**

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: **6,000 µg/l (U-1R)**
Sample Points with **MTBE 8260B** **0**

Notes:

U-2=Gauge only, U-4=Gauge only

TABLES

TABLE KEY

STANDARD ABBREVIATIONS

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

ANALYTES

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

NOTES

1. Elevations are in feet above mean sea level. Depths are in feet below surveyed top-of-casing.
2. Groundwater elevations for wells with LPH are calculated as: Surface Elevation – Measured Depth to Water + (Dp x LPH Thickness), where Dp is the density of the LPH, if known. A value of 0.75 is used for gasoline and when the density is not known. A value of 0.83 is used for diesel.
3. Wells with LPH are generally not sampled for laboratory analysis (see General Field Procedures).
4. Comments shown on tables are general. Additional explanations may be included in field notes and laboratory reports, both of which are included as part of this report.
5. A “J” flag indicates that a reported analytical result is an estimated concentration value between the method detection limit (MDL) and the practical quantification limit (PQL) specified by the laboratory.
6. Other laboratory flags (qualifiers) may have been reported. See the official laboratory report (attached) for a complete list of laboratory flags.
7. Concentration graphs based on tables (presented following Figures) show non-detect results prior to the Second Quarter 2000 plotted at fixed values for graphical display. Non-detect results reported since that time are plotted at reporting limits stated in the official laboratory report.
8. Prior to the 1st quarter 2010, the word “monitor” was used in table comments interchangeably with the word “gauge”. Starting in the 1st quarter 2010, the word “monitor” is used to include both “gauge” and “sample”.

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)	EDB (504)	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
March 8, 2011
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
U-1R			(Screen Interval in feet: 10-25)											
3/8/2011	42.65	16.03	0.00	26.62	1.39	--	6000	ND<6.2	ND<6.2	750	270	--	ND<6.2	
U-2			(Screen Interval in feet: 15.0-30.0)											
3/8/2011	43.65	16.92	0.00	26.73	1.28	--	--	--	--	--	--	--	--	Gauge only
U-3R			(Screen Interval in feet: 10-25)											
3/8/2011	41.58	15.07	0.00	26.51	1.38	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<0.50	
U-4			(Screen Interval in feet: 15.0-28.0)											
3/8/2011	42.69	16.12	0.00	26.57	1.39	--	--	--	--	--	--	--	--	Gauge only
U-5			(Screen Interval in feet: 15.0-30.0)											
3/8/2011	41.74	15.36	0.00	26.38	1.33	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<0.50	
U-6			(Screen Interval in feet: 13.0-28.0)											
3/8/2011	40.07	13.76	0.00	26.31	1.41	--	67	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<0.50	
U-7			(Screen Interval in feet: 15.0-35.0)											
3/8/2011	39.50	13.22	0.00	26.28	1.31	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<0.50	
U-8			(Screen Interval in feet: 15.0-30.0)											
3/8/2011	40.95	14.45	0.00	26.50	1.37	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<0.50	
U-9			(Screen Interval in feet: 13.0-28.0)											
3/8/2011	39.72	13.60	0.00	26.12	1.42	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<0.50	

Table 1 a
ADDITIONAL CURRENT ANALYTICAL RESULTS
76 Station 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)
U-1R							
3/8/2011	ND<120	ND<3100	ND<6.2	ND<6.2	ND<6.2	ND<6.2	ND<6.2
U-3R							
3/8/2011	ND<10	ND<250	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50
U-5							
3/8/2011	ND<10	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50
U-6							
3/8/2011	ND<10	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50
U-7							
3/8/2011	ND<10	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50
U-8							
3/8/2011	ND<10	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50
U-9							
3/8/2011	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 March 2011
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
U-1 (Screen Interval in feet: 10.5-30.5)														
2/9/1988	--	--	--	--	--	93000	--	3600	11000	--	20000	--	--	
3/20/1990	--	--	--	--	--	36000	--	2100	5500	1900	9300	--	--	
6/5/1990	--	--	--	--	--	46000	--	2300	5500	2500	11000	--	--	
8/24/1990	--	--	--	--	--	27000	--	1200	1800	1400	5500	--	--	
12/5/1990	--	--	--	--	--	--	--	--	--	--	--	--	--	Not sampled due to free product
3/4/1991	--	--	--	--	--	--	--	--	--	--	--	--	--	Not sampled due to free product
6/3/1991	--	--	--	--	--	--	--	--	--	--	--	--	--	Not sampled due to free product
9/19/1991	--	--	--	--	--	--	--	--	--	--	--	--	--	Not sampled due to free product
12/4/1991	--	--	--	--	--	--	--	--	--	--	--	--	--	Not sampled due to free product
3/5/1992	--	--	--	--	--	--	--	--	--	--	--	--	--	Not sampled due to free product
4/7/1992	--	--	--	--	--	--	--	--	--	--	--	--	--	Not sampled due to free product
8/6/1992	--	--	--	--	--	--	--	--	--	--	--	--	--	Not sampled due to free product
11/20/1992	--	--	--	--	--	--	--	--	--	--	--	--	--	Not sampled due to free product
2/12/1993	--	--	--	--	--	70000	--	2200	8400	3100	18000	--	--	
6/4/1993	40.51	16.72	0.00	23.79	--	35000	--	1300	5700	900	9200	--	--	
9/9/1993	40.51	17.77	0.00	22.74	-1.05	67000	--	2900	18000	6200	32000	--	--	



Table 2
HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS
February 1988 Through March 2011
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
U-1 continued														
12/2/1993	40.20	18.36	0.01	21.85	-0.89	--	--	--	--	--	--	--	--	Not sampled due to free product
3/9/1994	40.20	17.20	0.00	23.00	1.15	45000	--	930	4100	2000	11000	--	--	
6/9/1994	40.20	17.42	0.00	22.78	-0.22	59000	--	5200	1300	5200	15000	--	--	
9/7/1994	40.20	18.17	0.00	22.03	-0.75	41000	--	1600	6200	3100	16000	--	--	
12/5/1994	40.20	16.67	0.00	23.53	1.50	1300	--	55	20	16	330	--	--	
3/9/1995	40.20	15.82	0.00	24.38	0.85	49000	--	860	3200	1900	10000	1500	--	
6/13/1995	40.20	14.70	0.00	25.50	1.12	53000	--	1400	5000	2500	14000	2800	--	
9/12/1995	40.01	16.77	0.00	23.24	-2.26	43000	--	910	2700	1700	9600	1400	--	
12/14/1995	40.20	--	--	--	--	--	--	--	--	--	--	--	--	Inaccessible; system not running
3/20/1996	40.20	--	--	--	--	--	--	--	--	--	--	--	--	Inaccessible; system not running
3/22/1996	40.20	--	--	--	--	13000	--	200	590	640	4000	790	--	
9/24/1996	40.20	--	--	--	--	--	--	--	--	--	--	--	--	Inaccessible; system not running
3/27/1997	40.20	15.29	0.00	24.91	--	1300	--	8	ND	ND	400	ND	--	
9/23/1997	40.20	17.20	0.00	23.00	-1.91	2000	--	15	ND	ND	530	ND	--	
3/10/1998	40.20	12.68	0.00	27.52	4.52	2200	--	19	4.8	ND	980	38	--	
9/4/1998	40.20	16.84	0.00	23.36	-4.16	5300	--	53	ND	410	620	ND	--	
3/4/1999	40.20	13.04	0.00	27.16	3.80	1500	--	19	ND	56	110	310	--	
9/13/1999	40.20	17.14	0.00	23.06	-4.10	5850	--	32.7	ND	520	925	ND	--	
3/21/2000	40.20	14.36	0.00	25.84	2.78	4820	--	17.4	7.74	297	1370	ND	--	
9/18/2000	40.20	16.72	0.00	23.48	-2.36	647	--	6.44	ND	22.3	6.86	22.2	--	

Table 2
HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS
February 1988 Through March 2011
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
U-1 continued														
10/13/2000	40.20	16.85	0.00	23.35	-0.13	--	--	--	--	--	--	--	29	
3/16/2001	40.20	15.84	0.00	24.36	1.01	4950	--	1.73	1.77	429	536	613	--	
9/4/2001	40.20	17.16	0.00	23.04	-1.32	11000	--	25	ND<10	1100	1800	370	--	
3/18/2002	40.20	15.60	--	24.60	1.56	8100	--	ND<20	ND<20	740	1300	ND<200	--	
9/17/2002	40.20	17.35	0.00	22.85	-1.75	--	4200	ND<2.5	ND<2.5	120	43	--	280	
3/28/2003	40.20	15.72	0.00	24.48	1.63	--	560	ND<0.50	ND<0.50	0.96	ND<1.0	--	69	
9/5/2003	40.20	16.77	--	23.43	-1.05	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<2	
3/4/2004	40.20	14.64	0.00	25.56	2.13	--	20000	ND<20	ND<20	1900	8300	--	ND<80	
9/9/2004	40.20	16.64	0.00	23.56	-2.00	--	22000	ND<20	ND<20	1800	6100	--	ND<20	
3/1/2005	40.20	14.70	0.00	25.50	1.94	--	25000	ND<13	ND<13	1900	6800	--	ND<13	
8/2/2005	40.20	15.44	0.00	24.76	-0.74	--	11000	ND<10	ND<10	780	2600	--	ND<10	
1/20/2006	40.20	14.66	0.00	25.54	0.78	--	65000	5.0	ND<0.50	5000	18000	--	2.6	
7/11/2006	40.20	15.01	0.00	25.19	-0.35	--	9200	ND<50	ND<50	680	2400	--	ND<50	
3/9/2007	40.20	15.52	0.00	24.68	-0.51	--	15000	6.7	ND<5.0	890	3200	--	ND<5.0	
7/6/2007	40.20	--	--	--	--	--	--	--	--	--	--	--	--	Abandoned on 7/18/07
U-1R (Screen Interval in feet: 10-25)														
7/6/2007	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
1/7/2008	42.65	16.51	0.00	26.14	0.73	--	28000	ND<12	ND<12	1900	7300	--	ND<12	
6/24/2008	42.65	17.56	0.00	25.09	-1.05	--	29000	ND<25	ND<25	2400	7900	--	ND<25	
8/29/2008	42.65	17.68	0.00	24.97	-0.12	--	35000	ND<25	ND<25	3000	8900	--	ND<25	
11/17/2008	42.65	18.10	0.00	24.55	-0.42	--	24000	ND<25	ND<25	2200	6300	--	ND<25	
3/13/2009	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 March 2011
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
U-1R continued														
5/1/2009	42.65	16.89	0.00	25.76	-0.49	--	17000	ND<12	ND<12	1600	3400	--	ND<12	
7/2/2009	42.65	17.35	0.00	25.30	-0.46	--	21000	ND<25	ND<25	1800	3500	--	ND<25	
1/18/2010	42.65	17.48	0.00	25.17	-0.13	--	12000	ND<12	ND<12	1200	1200	--	ND<12	
9/27/2010	42.65	17.42	0.00	25.23	0.06	--	11000	ND<12	ND<12	1200	970	--	ND<12	
3/8/2011	42.65	16.03	0.00	26.62	1.39	--	6000	ND<6.2	ND<6.2	750	270	--	ND<6.2	
U-2 (Screen Interval in feet: 15.0-30.0)														
8/23/1990	--	--	--	--	--	ND	--	ND	ND	ND	ND	--	--	
12/5/1990	--	--	--	--	--	ND	--	ND	ND	ND	ND	--	--	
3/4/1991	--	--	--	--	--	ND	--	ND	0.9	ND	2.6	--	--	
6/3/1991	--	--	--	--	--	ND	--	ND	ND	ND	ND	--	--	
9/19/1991	--	--	--	--	--	ND	--	ND	ND	ND	ND	--	--	
12/4/1991	--	--	--	--	--	ND	--	ND	ND	ND	ND	--	--	
3/5/1992	--	--	--	--	--	ND	--	ND	0.36	ND	ND	--	--	
4/7/1992	--	--	--	--	--	ND	--	ND	ND	ND	ND	--	--	
8/6/1992	--	--	--	--	--	ND	--	ND	ND	ND	ND	--	--	
11/20/1992	--	--	--	--	--	ND	--	ND	ND	ND	ND	--	--	
2/12/1993	--	--	--	--	--	ND	--	ND	ND	ND	ND	--	--	
6/4/1993	41.62	17.59	0.00	24.03	--	ND	--	ND	ND	ND	ND	--	--	
9/9/1993	41.62	18.68	0.00	22.94	-1.09	ND	--	ND	ND	ND	ND	--	--	
12/2/1993	41.26	19.23	0.00	22.03	-0.91	ND	--	ND	ND	ND	ND	--	--	
3/9/1994	41.26	18.05	0.00	23.21	1.18	62	--	1.1	5.4	1.1	9.7	--	--	
4/13/1994	41.26	18.18	0.00	23.08	-0.13	ND	--	ND	ND	ND	ND	--	--	
6/9/1994	41.26	18.26	0.00	23.00	-0.08	ND	--	ND	ND	ND	ND	--	--	

Table 2
HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS
February 1988 Through March 2011
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
U-2 continued														
9/7/1994	41.26	19.28	0.00	21.98	-1.02	ND	--	ND	0.63	ND	0.61	--	--	
12/5/1994	41.26	18.82	0.00	22.44	0.46	ND	--	ND	ND	ND	ND	--	--	
3/9/1995	41.26	16.96	0.00	24.30	1.86	ND	--	ND	ND	ND	ND	ND	--	
6/13/1995	41.26	16.71	0.00	24.55	0.25	ND	--	ND	ND	ND	ND	ND	--	
9/12/1995	41.26	17.80	0.00	23.46	-1.09	ND	--	ND	ND	ND	ND	ND	--	
12/14/1995	41.26	18.18	0.00	23.08	-0.38	ND	--	ND	ND	ND	ND	ND	--	
3/20/1996	41.26	15.02	0.00	26.24	3.16	--	--	--	--	--	--	--	--	
9/24/1996	41.26	17.90	0.00	23.36	-2.88	--	--	--	--	--	--	--	--	
3/27/1997	41.26	16.45	0.00	24.81	1.45	ND	--	ND	ND	ND	ND	ND	--	
9/23/1997	41.26	18.40	0.00	22.86	-1.95	--	--	--	--	--	--	--	--	
3/10/1998	41.26	13.79	0.00	27.47	4.61	ND	--	ND	ND	ND	ND	ND	--	
9/4/1998	41.26	17.98	0.00	23.28	-4.19	--	--	--	--	--	--	--	--	
3/4/1999	41.26	14.96	0.00	26.30	3.02	ND	--	ND	ND	ND	ND	ND	--	
9/13/1999	41.26	18.25	0.00	23.01	-3.29	--	--	--	--	--	--	--	--	
3/21/2000	41.26	15.54	0.00	25.72	2.71	ND	--	ND	ND	ND	ND	ND	--	
9/18/2000	41.26	17.55	0.00	23.71	-2.01	--	--	--	--	--	--	--	--	
3/16/2001	41.26	17.06	0.00	24.20	0.49	--	--	--	--	--	--	--	--	
9/4/2001	41.26	18.39	0.00	22.87	-1.33	--	--	--	--	--	--	--	--	
3/18/2002	41.26	16.87	--	24.39	1.52	--	--	--	--	--	--	--	--	
9/17/2002	41.26	18.33	0.00	22.93	-1.46	--	--	--	--	--	--	--	--	
3/28/2003	41.26	16.95	0.00	24.31	1.38	--	--	--	--	--	--	--	--	
9/5/2003	41.26	18.00	0.00	23.26	-1.05	--	--	--	--	--	--	--	--	Monitored Only
3/4/2004	41.26	16.17	0.00	25.09	1.83	--	--	--	--	--	--	--	--	Monitored Only

Table 2
HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS
February 1988 Through March 2011
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
U-2 continued														
9/9/2004	41.26	--	--	--	--	--	--	--	--	--	--	--	--	Inaccessible-car parked on well
3/1/2005	41.26	--	--	--	--	--	--	--	--	--	--	--	--	Car parked on well
8/2/2005	41.26	16.62	0.00	24.64	--	--	--	--	--	--	--	--	--	Monitored only
1/20/2006	41.26	16.24	0.00	25.02	0.38	--	--	--	--	--	--	--	--	Monitored only
7/11/2006	41.26	16.15	0.00	25.11	0.09	--	--	--	--	--	--	--	--	Monitored Only
3/9/2007	41.26	16.71	0.00	24.55	-0.56	--	--	--	--	--	--	--	--	Monitored Only
7/6/2007	43.65	17.80	0.00	25.85	1.30	--	--	--	--	--	--	--	--	Monitored Only
1/7/2008	43.65	17.73	0.00	25.92	0.07	--	--	--	--	--	--	--	--	Monitored Only
6/24/2008	43.65	18.00	0.00	25.65	-0.27	--	--	--	--	--	--	--	--	Monitored Only
8/29/2008	43.65	17.93	0.00	25.72	0.07	--	--	--	--	--	--	--	--	Monitored only
11/17/2008	43.65	18.85	0.00	24.80	-0.92	--	--	--	--	--	--	--	--	Monitored only
3/13/2009	43.65	17.20	0.00	26.45	1.65	--	--	--	--	--	--	--	--	Monitored only
5/1/2009	43.65	17.57	0.00	26.08	-0.37	--	--	--	--	--	--	--	--	Monitored only
7/2/2009	43.65	18.08	0.00	25.57	-0.51	--	--	--	--	--	--	--	--	Monitored only
1/18/2010	43.65	18.24	0.00	25.41	-0.16	--	--	--	--	--	--	--	--	Gauged only
9/27/2010	43.65	18.20	0.00	25.45	0.04	--	--	--	--	--	--	--	--	Gauge only
3/8/2011	43.65	16.92	0.00	26.73	1.28	--	--	--	--	--	--	--	--	Gauge only
U-3 (Screen Interval in feet: 15.0-25.0)														
8/23/1990	--	--	--	--	--	110000	--	4400	13000	2800	17000	--	--	
12/5/1990	--	--	--	--	--	69000	--	1900	3500	1600	9800	--	--	
1/18/1991	--	--	--	--	--	51000	--	1700	3100	1500	7500	--	--	
3/4/1991	--	--	--	--	--	84000	--	1400	10000	2900	17000	--	--	

Table 2
HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS
February 1988 Through March 2011
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
U-3 continued														
6/3/1991	--	--	--	--	--	130000	--	5800	19000	4600	24000	--	--	
9/19/1991	--	--	--	--	--	61000	--	3300	9700	2800	15000	--	--	
12/4/1991	--	--	--	--	--	75000	--	2500	6100	1900	11000	--	--	
3/5/1992	--	--	--	--	--	160000	--	5300	15000	5400	26000	--	--	
4/7/1992	--	--	--	--	--	97000	--	6100	16000	5400	28000	--	--	
8/6/1992	--	--	--	--	--	140000	--	5100	13000	5000	23000	--	--	
11/20/1992	--	--	--	--	--	50000	--	3200	4700	1900	10000	--	--	
2/12/1993	--	--	--	--	--	80000	--	3700	9400	3700	18000	--	--	
6/4/1993	39.64	15.48	0.00	24.16	--	92000	--	2900	8700	4300	20000	--	--	
9/9/1993	39.64	17.04	0.00	22.60	-1.56	110000	--	2800	10000	6500	31000	--	--	
12/2/1993	39.26	17.55	0.00	21.71	-0.89	110000	--	3200	7700	5600	26000	--	--	
3/9/1994	39.26	16.35	0.00	22.91	1.20	120000	--	4500	8300	5600	28000	--	--	
6/9/1994	39.26	16.60	0.00	22.66	-0.25	120000	--	3300	6100	5200	26000	--	--	
9/7/1994	39.26	17.61	0.00	21.65	-1.01	100000	--	2400	4900	4200	21000	--	--	
12/5/1994	39.26	17.08	0.00	22.18	0.53	140000	--	3100	5100	4900	21000	--	--	
3/9/1995	39.26	15.20	0.00	24.06	1.88	100000	--	2300	3300	4800	21000	54000	--	
6/13/1995	39.26	15.11	0.00	24.15	0.09	64000	--	1700	1500	3800	18000	900	--	
9/12/1995	39.26	16.11	0.00	23.15	-1.00	69000	--	1700	820	4000	19000	29000	--	
12/14/1995	39.26	--	--	--	--	--	--	--	--	--	--	--	--	Inaccessible; system not running
3/20/1996	39.26	--	--	--	--	--	--	--	--	--	--	--	--	Inaccessible; system not running
3/22/1996	39.26	--	--	--	--	15000	--	150	490	480	3100	400	--	

Table 2
HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS
February 1988 Through March 2011
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
U-3 continued														
9/24/1996	39.26	--	--	--	--	--	--	--	--	--	--	--	--	Inaccessible; system not running
3/27/1997	39.26	14.77	0.00	24.49	--	110	--	ND	ND	ND	0.62	9.6	--	
9/23/1997	39.26	16.74	0.00	22.52	-1.97	ND	--	ND	ND	ND	ND	ND	--	
3/10/1998	39.26	12.18	0.00	27.08	4.56	ND	--	ND	ND	ND	3.1	ND	--	
9/4/1998	39.26	16.46	0.00	22.80	-4.28	ND	--	ND	ND	1.2	2.3	ND	--	
3/4/1999	39.26	13.48	0.00	25.78	2.98	ND	--	ND	ND	ND	ND	ND	--	
9/13/1999	39.26	16.71	0.00	22.55	-3.23	ND	--	ND	1.77	ND	1.06	9.08	--	
3/21/2000	39.26	13.87	--	25.39	2.84	18700	--	ND	ND	1290	4770	ND	--	
9/18/2000	39.26	16.12	0.00	23.14	-2.25	ND	--	ND	ND	ND	ND	ND	--	
3/16/2001	39.26	15.35	0.00	23.91	0.77	2310	--	ND	ND	184	618	ND	--	
9/4/2001	39.26	16.71	0.00	22.55	-1.36	340	--	0.95	ND<0.50	8.1	18	ND<5.0	--	
3/18/2002	39.26	15.11	--	24.15	1.60	6500	--	ND<10	ND<10	390	1400	ND<100	--	
9/17/2002	39.26	17.67	0.00	21.59	-2.56	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	2.0	
3/28/2003	39.26	15.25	0.00	24.01	2.42	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<2.0	
9/5/2003	39.26	16.30	0.00	22.96	-1.05	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<2.0	
3/4/2004	39.26	14.11	0.00	25.15	2.19	--	14000	ND<10	ND<10	940	3500	--	ND<40	
9/9/2004	39.26	16.22	0.00	23.04	-2.11	--	1300	ND<2.5	ND<2.5	66	160	--	ND<2.5	
3/1/2005	39.26	14.18	0.00	25.08	2.04	--	14000	ND<5.0	ND<5.0	690	2000	--	ND<5.0	
8/2/2005	39.26	14.93	0.00	24.33	-0.75	--	6300	ND<2.5	ND<2.5	320	970	--	ND<2.5	
1/20/2006	39.26	14.14	0.00	25.12	0.79	--	7600	ND<0.50	ND<0.50	390	890	--	ND<0.50	
7/11/2006	39.26	14.52	0.00	24.74	-0.38	--	3800	ND<5.0	ND<5.0	190	420	--	ND<5.0	
3/9/2007	39.26	15.05	0.00	24.21	-0.53	--	3800	ND<2.5	ND<2.5	130	240	--	ND<2.5	

Table 2
HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS
February 1988 Through March 2011
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
U-3 continued														
7/6/2007	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
U-3R (Screen Interval in feet: 10-25)														
7/6/2007	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
1/7/2008	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	
6/24/2008	41.58	16.30	0.00	25.28	-0.84	--	99	ND<0.50	ND<0.50	11	2.5	--	ND<0.50	
8/29/2008	41.58	16.74	0.00	24.84	-0.44	--	1500	ND<0.50	ND<0.50	100	51	--	ND<0.50	
11/17/2008	41.58	17.13	0.00	24.45	-0.39	--	740	ND<0.50	ND<0.50	67	17	--	ND<0.50	
3/13/2009	41.58	15.40	0.00	26.18	1.73	--	1300	ND<0.50	ND<0.50	100	22	--	ND<0.50	
5/1/2009	41.58	15.81	0.00	25.77	-0.41	--	290	ND<0.50	ND<0.50	26	2.6	--	ND<0.50	
7/2/2009	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	
1/18/2010	41.58	16.50	0.00	25.08	-0.15	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<0.50	
9/27/2010	41.58	16.45	0.00	25.13	0.05	--	480	ND<0.50	ND<0.50	33	ND<1.0	--	ND<0.50	
3/8/2011	41.58	15.07	0.00	26.51	1.38	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<0.50	
U-4 (Screen Interval in feet: 15.0-28.0)														
8/23/1990	--	--	--	--	--	ND	--	ND	1.0	ND	1.8	--	--	
12/5/1990	--	--	--	--	--	ND	--	ND	ND	ND	ND	--	--	
1/18/1991	--	--	--	--	--	ND	--	ND	ND	ND	ND	--	--	
3/4/1991	--	--	--	--	--	ND	--	ND	ND	ND	ND	--	--	
6/3/1991	--	--	--	--	--	ND	--	ND	ND	ND	ND	--	--	
9/19/1991	--	--	--	--	--	ND	--	ND	ND	ND	ND	--	--	
12/4/1991	--	--	--	--	--	ND	--	ND	ND	ND	ND	--	--	
3/5/1992	--	--	--	--	--	ND	--	ND	ND	ND	ND	--	--	

Table 2
HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS
February 1988 Through March 2011
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
U-4 continued														
4/7/1992	--	--	--	--	--	ND	--	ND	ND	ND	ND	--	--	
8/6/1992	--	--	--	--	--	ND	--	ND	ND	ND	ND	--	--	
11/20/1992	--	--	--	--	--	ND	--	ND	2.5	ND	ND	--	--	
2/12/1993	--	--	--	--	--	ND	--	ND	ND	ND	ND	--	--	
6/4/1993	40.53	16.73	0.00	23.80	--	ND	--	ND	ND	ND	ND	--	--	
9/9/1993	40.53	16.89	0.00	23.64	-0.16	ND	--	ND	ND	ND	ND	--	--	
12/2/1993	40.25	18.46	0.00	21.79	-1.85	ND	--	ND	ND	ND	2.6	--	--	
3/9/1994	40.25	17.30	0.00	22.95	1.16	ND	--	1.4	4.7	1.1	8.1	--	--	
4/13/1994	40.25	17.44	0.00	22.81	-0.14	ND	--	ND	ND	ND	ND	--	--	
6/9/1994	40.25	17.53	0.00	22.72	-0.09	ND	--	ND	ND	ND	ND	--	--	
9/7/1994	40.28	18.52	0.00	21.76	-0.96	ND	--	ND	1.1	ND	1.0	--	--	
12/5/1994	40.28	18.08	0.00	22.20	0.44	ND	--	ND	ND	ND	ND	--	--	
3/9/1995	40.28	16.16	0.00	24.12	1.92	ND	--	ND	ND	ND	ND	ND	--	
6/13/1995	40.25	15.95	0.00	24.30	0.18	ND	--	ND	ND	ND	ND	2.7	--	
9/12/1995	40.25	17.10	0.00	23.15	-1.15	ND	--	ND	ND	ND	ND	ND	--	
12/14/1995	40.25	17.43	0.00	22.82	-0.33	ND	--	ND	ND	ND	ND	1.3	--	
3/20/1996	40.25	14.93	0.00	25.32	2.50	--	--	--	--	--	--	--	--	
9/24/1996	40.25	17.19	0.00	23.06	-2.26	--	--	--	--	--	--	--	--	
3/27/1997	40.25	15.66	0.00	24.59	1.53	ND	--	ND	ND	ND	ND	ND	--	
9/23/1997	40.25	17.69	0.00	22.56	-2.03	--	--	--	--	--	--	--	--	
3/10/1998	40.25	12.99	0.00	27.26	4.70	ND	--	ND	ND	ND	ND	ND	--	
9/4/1998	40.25	17.28	0.00	22.97	-4.29	--	--	--	--	--	--	--	--	
3/4/1999	40.25	14.17	0.00	26.08	3.11	ND	--	ND	ND	ND	ND	ND	--	

Table 2
HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS
February 1988 Through March 2011
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
U-4 continued														
9/13/1999	40.25	17.55	0.00	22.70	-3.38	--	--	--	--	--	--	--	--	
3/21/2000	40.25	14.74	0.00	25.51	2.81	ND	--	ND	ND	ND	ND	ND	--	
9/18/2000	40.25	16.88	0.00	23.37	-2.14	--	--	--	--	--	--	--	--	
3/16/2001	40.25	16.32	0.00	23.93	0.56	--	--	--	--	--	--	--	--	
9/4/2001	40.25	17.70	0.00	22.55	-1.38	--	--	--	--	--	--	--	--	
3/18/2002	40.25	16.08	--	24.17	1.62	--	--	--	--	--	--	--	--	
9/17/2002	40.25	16.56	0.00	23.69	-0.48	--	--	--	--	--	--	--	--	
3/28/2003	40.25	16.15	0.00	24.10	0.41	--	--	--	--	--	--	--	--	
9/5/2003	40.25	17.20	0.00	23.05	-1.05	--	--	--	--	--	--	--	--	Monitored Only
3/4/2004	40.25	15.39	0.00	24.86	1.81	--	--	--	--	--	--	--	--	Monitored Only
9/9/2004	40.25	16.98	0.00	23.27	-1.59	--	--	--	--	--	--	--	--	Monitored Only
3/1/2005	40.25	14.97	0.00	25.28	2.01	--	--	--	--	--	--	--	--	Monitor Only
8/2/2005	40.25	15.82	0.00	24.43	-0.85	--	--	--	--	--	--	--	--	Monitored Only
1/20/2006	40.25	15.04	0.00	25.21	0.78	--	--	--	--	--	--	--	--	Monitored only
7/11/2006	40.25	15.38	0.00	24.87	-0.34	--	--	--	--	--	--	--	--	Monitored Only
3/9/2007	40.25	16.00	0.00	24.25	-0.62	--	--	--	--	--	--	--	--	Monitored Only
7/6/2007	42.69	17.15	0.00	25.54	1.29	--	--	--	--	--	--	--	--	Monitored Only
1/7/2008	42.69	16.65	0.00	26.04	0.50	--	--	--	--	--	--	--	--	Monitored Only
6/24/2008	42.69	17.40	0.00	25.29	-0.75	--	--	--	--	--	--	--	--	Monitored Only
8/29/2008	42.69	17.62	0.00	25.07	-0.22	--	--	--	--	--	--	--	--	Monitored only
11/17/2008	42.69	18.20	0.00	24.49	-0.58	--	--	--	--	--	--	--	--	Monitored only
3/13/2009	42.69	16.30	0.00	26.39	1.90	--	--	--	--	--	--	--	--	Monitored only
5/1/2009	42.69	16.86	0.00	25.83	-0.56	--	--	--	--	--	--	--	--	Monitored only

Table 2
HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS
February 1988 Through March 2011
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
U-4 continued														
7/2/2009	42.69	17.20	0.00	25.49	-0.34	--	--	--	--	--	--	--	--	Monitored only
1/18/2010	42.69	17.55	0.00	25.14	-0.35	--	--	--	--	--	--	--	--	Gauged only
9/27/2010	42.69	17.51	0.00	25.18	0.04	--	--	--	--	--	--	--	--	Gauge only
3/8/2011	42.69	16.12	0.00	26.57	1.39	--	--	--	--	--	--	--	--	Gauge only
U-5 (Screen Interval in feet: 15.0-30.0)														
4/7/1992	--	--	--	--	--	ND	--	ND	ND	ND	ND	--	--	
8/6/1992	--	--	--	--	--	ND	--	ND	ND	ND	ND	--	--	
11/20/1992	--	--	--	--	--	ND	--	ND	ND	ND	ND	--	--	
2/12/1993	--	--	--	--	--	ND	--	ND	ND	ND	ND	--	--	
6/4/1993	39.61	16.05	0.00	23.56	--	ND	--	ND	ND	ND	ND	--	--	
9/9/1993	39.61	16.90	0.00	22.71	-0.85	ND	--	ND	ND	ND	ND	--	--	
12/2/1993	39.31	17.66	0.00	21.65	-1.06	ND	--	ND	ND	ND	ND	--	--	
3/9/1994	39.31	16.45	0.00	22.86	1.21	71	--	1.7	6.3	1.5	10	--	--	
4/13/1994	39.31	16.64	0.00	22.67	-0.19	ND	--	ND	ND	ND	ND	--	--	
6/9/1994	39.31	16.70	0.00	22.61	-0.06	ND	--	ND	ND	ND	ND	--	--	
9/7/1994	39.31	17.73	0.00	21.58	-1.03	ND	--	ND	0.73	ND	0.84	--	--	
12/5/1994	39.31	17.23	0.00	22.08	0.50	ND	--	ND	ND	ND	ND	--	--	
3/9/1995	39.31	15.35	0.00	23.96	1.88	ND	--	ND	ND	ND	ND	ND	--	
6/13/1995	39.31	15.16	0.00	24.15	0.19	ND	--	ND	ND	ND	ND	0.87	--	
9/12/1995	39.31	16.30	0.00	23.01	-1.14	ND	--	ND	ND	ND	ND	ND	--	
12/14/1995	39.31	16.56	0.00	22.75	-0.26	ND	--	ND	ND	ND	ND	ND	--	
3/20/1996	39.31	14.07	0.00	25.24	2.49	--	--	--	--	--	--	--	--	
9/24/1996	39.31	16.55	0.00	22.76	-2.48	--	--	--	--	--	--	--	--	

Table 2
HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS
February 1988 Through March 2011
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
U-5 continued														
3/27/1997	39.31	14.85	0.00	24.46	1.70	ND	--	ND	ND	ND	ND	ND	--	
9/23/1997	39.31	16.90	0.00	22.41	-2.05	--	--	--	--	--	--	--	--	Sampled annually
3/10/1998	39.31	12.21	0.00	27.10	4.69	ND	--	ND	ND	ND	ND	ND	--	
9/4/1998	39.31	16.57	0.00	22.74	-4.36	--	--	--	--	--	--	--	--	
3/4/1999	39.31	13.42	0.00	25.89	3.15	ND	--	ND	0.67	ND	ND	ND	--	
9/13/1999	39.31	17.02	0.00	22.29	-3.60	--	--	--	--	--	--	--	--	
3/21/2000	39.31	13.93	0.00	25.38	3.09	ND	--	ND	ND	ND	ND	ND	--	
9/18/2000	39.31	16.17	0.00	23.14	-2.24	--	--	--	--	--	--	--	--	
3/16/2001	39.31	15.51	0.00	23.80	0.66	ND	--	ND	ND	ND	ND	ND	--	
9/4/2001	39.31	16.88	0.00	22.43	-1.37	--	--	--	--	--	--	--	--	
3/18/2002	39.31	15.25	--	24.06	1.63	ND<50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<5.0	--	
9/17/2002	39.31	16.71	0.00	22.60	-1.46	--	--	--	--	--	--	--	--	Sampled annually
3/28/2003	39.31	15.21	0.00	24.10	1.50	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<2.0	
9/5/2003	39.31	16.26	0.00	23.05	-1.05	--	--	--	--	--	--	--	--	Sampled annually
3/4/2004	39.31	14.79	0.00	24.52	1.47	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<2.0	
9/9/2004	39.31	16.30	0.00	23.01	-1.51	--	--	--	--	--	--	--	--	Monitored Only
3/1/2005	39.31	14.38	0.00	24.93	1.92	--	ND<50	ND<0.50	ND<0.50	0.53	2.0	--	ND<0.50	
8/2/2005	39.31	15.02	0.00	24.29	-0.64	--	--	--	--	--	--	--	--	Sampled Annually
1/20/2006	39.31	14.23	0.00	25.08	0.79	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<0.50	
7/11/2006	39.31	14.60	0.00	24.71	-0.37	--	--	--	--	--	--	--	--	Sampled Q1 only
3/9/2007	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	
7/6/2007	41.74	16.23	0.00	25.51	1.30	--	--	--	--	--	--	--	--	Sampled Q1 only
1/7/2008	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	

Table 2
HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS
February 1988 Through March 2011
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
U-5 continued														
6/24/2008	41.74	16.51	0.00	25.23	-0.70	--	--	--	--	--	--	--	--	Sampled Q1 only
8/29/2008	41.74	16.98	0.00	24.76	-0.47	--	--	--	--	--	--	--	--	Sampled Q1 only
11/17/2008	41.74	17.25	0.00	24.49	-0.27	--	--	--	--	--	--	--	--	Sampled Q1 only
3/13/2009	41.74	15.78	0.00	25.96	1.47	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<0.50	
5/1/2009	41.74	16.04	0.00	25.70	-0.26	--	--	--	--	--	--	--	--	Sampled Q1 only
7/2/2009	41.74	16.53	0.00	25.21	-0.49	--	--	--	--	--	--	--	--	Sampled Q1 only
1/18/2010	41.74	16.73	0.00	25.01	-0.20	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<0.50	
9/27/2010	41.74	16.69	0.00	25.05	0.04	--	--	--	--	--	--	--	--	Sampled Q1 only
3/8/2011	41.74	15.36	0.00	26.38	1.33	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<0.50	
U-6 (Screen Interval in feet: 13.0-28.0)														
4/7/1992	--	--	--	--	--	6600	--	90	ND	820	1200	--	--	
8/6/1992	--	--	--	--	--	9200	--	160	ND	360	150	--	--	
11/20/1992	--	--	--	--	--	--	--	--	--	--	--	--	--	Inaccessible
2/12/1993	--	--	--	--	--	2600	--	27	ND	120	51	--	--	
6/4/1993	37.94	14.45	0.00	23.49	--	13000	--	100	38	450	320	--	--	
9/9/1993	37.94	15.56	0.00	22.38	-1.11	6300	--	29	ND	120	34	--	--	
12/2/1993	37.68	16.08	0.00	21.60	-0.78	2100	--	12	1.6	21	1.1	--	--	
3/9/1994	37.68	14.90	0.00	22.78	1.18	2200	--	11	8.2	24	16	--	--	
6/9/1994	37.68	15.18	0.00	22.50	-0.28	2600	--	16	ND	29	ND	--	--	
9/7/1994	37.68	16.20	0.00	21.48	-1.02	16004	--	ND	ND	ND	ND	--	--	
12/5/1994	37.68	15.60	0.00	22.08	0.60	450	--	ND	ND	ND	ND	--	--	
3/9/1995	37.68	13.74	0.00	23.94	1.86	2500	--	29	ND	70	120	320	--	
6/13/1995	37.68	13.73	0.00	23.95	0.01	1300	--	ND	ND	20	46	5400	--	

Table 2
HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS
February 1988 Through March 2011
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
U-6 continued														
9/12/1995	37.68	14.85	0.00	22.83	-1.12	ND	--	ND	ND	ND	ND	6600	--	
12/14/1995	37.68	14.89	0.00	22.79	-0.04	760	--	ND	ND	7	8.4	1100	--	
3/20/1996	37.68	12.41	0.00	25.27	2.48	52	--	1.1	0.98	ND	0.75	1200	--	
9/24/1996	37.68	15.06	0.00	22.62	-2.65	ND	--	ND	ND	ND	ND	750	--	
3/27/1997	37.68	13.48	0.00	24.20	1.58	ND	--	ND	ND	ND	ND	150	--	
9/23/1997	37.68	15.36	0.00	22.32	-1.88	66	--	0.81	ND	ND	ND	150	--	
3/10/1998	37.68	10.90	0.00	26.78	4.46	ND	--	ND	ND	ND	ND	18	--	
9/4/1998	37.68	14.85	0.00	22.83	-3.95	ND	--	ND	ND	ND	ND	ND	--	
3/4/1999	37.68	12.10	0.00	25.58	2.75	ND	--	ND	ND	ND	ND	6.5	--	
9/13/1999	37.68	--	--	--	--	--	--	--	--	--	--	--	--	Inaccessible covered with asphalt
3/21/2000	37.68	--	--	--	--	--	--	--	--	--	--	--	--	Inaccessible covered with asphalt
9/18/2000	37.68	--	--	--	--	--	--	--	--	--	--	--	--	Inaccessible covered with asphalt
3/16/2001	37.68	--	--	--	--	--	--	--	--	--	--	--	--	Inaccessible covered with asphalt
9/4/2001	37.68	--	--	--	--	--	--	--	--	--	--	--	--	Inaccessible covered with asphalt
3/18/2002	37.68	--	--	--	--	--	--	--	--	--	--	--	--	Inaccessible covered with asphalt
9/17/2002	37.68	--	--	--	--	--	--	--	--	--	--	--	--	Inaccessible covered with asphalt
9/5/2003	37.68	--	--	--	--	--	--	--	--	--	--	--	--	Covered with asphalt
3/4/2004	37.68	--	--	--	--	--	--	--	--	--	--	--	--	Covered with asphalt

Table 2
HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS
February 1988 Through March 2011
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
U-6 continued														
9/9/2004	37.68	--	--	--	--	--	--	--	--	--	--	--	--	Covered with asphalt
3/1/2005	37.68	--	--	--	--	--	--	--	--	--	--	--	--	Unable to locate-Paved over
9/8/2005	37.68	13.98	0.00	23.70	--	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<0.50	Paved over on 8/2/05
1/20/2006	37.68	12.76	0.00	24.92	1.22	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<0.50	
7/11/2006	37.68	13.23	0.00	24.45	-0.47	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<0.50	
3/9/2007	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	
7/6/2007	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	
1/7/2008	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	
6/24/2008	40.07	14.98	0.00	25.09	-0.96	--	--	--	--	--	--	--	--	Sampled Q1 and Q3 only
8/29/2008	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	
11/17/2008	40.07	--	--	--	--	--	--	--	--	--	--	--	--	Car parked over well
3/13/2009	40.07	14.10	0.00	25.97	--	--	100	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<0.50	
5/1/2009	40.07	14.52	0.00	25.55	-0.42	--	--	--	--	--	--	--	--	Sampled Q1 and Q3 only
7/2/2009	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	
1/18/2010	40.07	15.14	0.00	24.93	-0.04	--	130	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<0.50	
9/27/2010	40.07	15.17	0.00	24.90	-0.03	--	120	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<0.50	
3/8/2011	40.07	13.76	0.00	26.31	1.41	--	67	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<0.50	
U-7 (Screen Interval in feet: 15.0-35.0)														
4/7/1992	--	--	--	--	--	ND	--	ND	ND	ND	ND	--	--	
8/6/1992	--	--	--	--	--	ND	--	ND	ND	ND	ND	--	--	
11/20/1992	--	--	--	--	--	ND	--	ND	ND	ND	ND	--	--	
2/12/1993	--	--	--	--	--	ND	--	ND	ND	ND	ND	--	--	
6/4/1993	37.49	14.17	0.00	23.32	--	ND	--	ND	ND	ND	ND	--	--	

Table 2
HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS
February 1988 Through March 2011
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
U-7 continued														
9/9/1993	37.49	15.23	0.00	22.26	-1.06	ND	--	ND	ND	ND	ND	--	--	
12/2/1993	37.11	15.61	0.00	21.50	-0.76	ND	--	ND	ND	ND	ND	--	--	
3/9/1994	37.11	14.45	0.00	22.66	1.16	ND	--	1.4	4.4	0.96	7.5	--	--	
4/13/1994	37.11	14.63	0.00	22.48	-0.18	ND	--	ND	ND	ND	ND	--	--	
6/9/1994	37.11	14.70	0.00	22.41	-0.07	ND	--	ND	ND	ND	ND	--	--	
9/7/1994	37.11	15.72	0.00	21.39	-1.02	ND	--	ND	ND	ND	ND	--	--	
12/5/1994	37.11	15.10	0.00	22.01	0.62	ND	--	ND	ND	ND	ND	--	--	
3/9/1995	37.11	13.36	0.00	23.75	1.74	ND	--	ND	ND	ND	ND	ND	--	
6/13/1995	37.11	13.33	0.00	23.78	0.03	ND	--	ND	ND	ND	ND	3.5	--	
9/12/1995	37.11	14.40	0.00	22.71	-1.07	ND	--	ND	ND	ND	ND	ND	--	
12/14/1995	37.11	14.39	0.00	22.72	0.01	ND	--	ND	ND	ND	ND	1.4	--	
3/20/1996	37.11	11.96	0.00	25.15	2.43	--	--	--	--	--	--	--	--	
9/24/1996	37.11	14.59	0.00	22.52	-2.63	--	--	--	--	--	--	--	--	
3/27/1997	37.11	13.08	0.00	24.03	1.51	ND	--	ND	ND	ND	ND	ND	--	
9/23/1997	37.11	14.90	0.00	22.21	-1.82	--	--	--	--	--	--	--	--	
3/10/1998	37.11	10.46	0.00	26.65	4.44	ND	--	ND	ND	ND	ND	ND	--	
9/4/1998	37.11	14.42	0.00	22.69	-3.96	--	--	--	--	--	--	--	--	
3/4/1999	37.11	11.64	0.00	25.47	2.78	ND	--	ND	ND	ND	ND	6.6	--	
9/13/1999	37.11	--	--	--	--	--	--	--	--	--	--	--	--	Inaccessible covered with asphalt
3/21/2000	37.11	--	--	--	--	--	--	--	--	--	--	--	--	Inaccessible covered with asphalt
9/18/2000	37.11	--	--	--	--	--	--	--	--	--	--	--	--	Inaccessible covered with asphalt

Table 2
HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS
February 1988 Through March 2011
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
U-7 continued														
3/16/2001	37.11	--	--	--	--	--	--	--	--	--	--	--	--	Inaccessible covered with asphalt
9/4/2001	37.11	--	--	--	--	--	--	--	--	--	--	--	--	Inaccessible covered with asphalt
9/17/2002	37.11	--	--	--	--	--	--	--	--	--	--	--	--	Inaccessible covered with asphalt
9/5/2003	37.11	--	--	--	--	--	--	--	--	--	--	--	--	Covered with asphalt
3/4/2004	37.11	--	--	--	--	--	--	--	--	--	--	--	--	Covered with asphalt
9/9/2004	37.11	--	--	--	--	--	--	--	--	--	--	--	--	Covered with asphalt
3/1/2005	37.11	--	--	--	--	--	--	--	--	--	--	--	--	Unable to locate-Paved over
9/8/2005	37.11	13.59	0.00	23.52	--	--	ND<50	ND<0.50	0.89	ND<0.50	1.7	--	ND<0.50	Paved over on 8/2/05
1/20/2006	37.11	12.33	0.00	24.78	1.26	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<0.50	
7/11/2006	37.11	12.84	0.00	24.27	-0.51	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<0.50	
3/9/2007	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	
7/6/2007	39.50	--	--	--	--	--	--	--	--	--	--	--	--	Car over well
1/7/2008	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	
6/24/2008	39.50	14.05	0.00	25.45	-0.55	--	--	--	--	--	--	--	--	Sampled Q1 and Q3 only
8/29/2008	39.50	--	--	--	--	--	--	--	--	--	--	--	--	Car parked over well
11/17/2008	39.50	--	--	--	--	--	--	--	--	--	--	--	--	Car parked over well
3/13/2009	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	
5/1/2009	39.50	14.88	0.00	24.62	-1.28	--	--	--	--	--	--	--	--	Sampled Q1 and Q3 only
7/2/2009	39.50	--	--	--	--	--	--	--	--	--	--	--	--	Car parked over well
1/18/2010	39.50	14.45	0.00	25.05	--	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<0.50	
9/30/2010	39.50	14.53	0.00	24.97	-0.08	--	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 March 2011
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
U-7 continued														
3/8/2011	39.50	13.22	0.00	26.28	1.31	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<0.50	
U-8 (Screen Interval in feet: 15.0-30.0)														
4/7/1992	--	--	--	--	--	ND	--	ND	ND	ND	ND	--	--	
8/6/1992	--	--	--	--	--	ND	--	ND	ND	ND	ND	--	--	
2/12/1993	--	--	--	--	--	ND	--	ND	ND	ND	ND	--	--	
6/4/1993	38.94	15.26	0.00	23.68	--	ND	--	ND	ND	ND	ND	--	--	
9/9/1993	38.94	16.38	0.00	22.56	-1.12	ND	--	ND	ND	ND	ND	--	--	
12/2/1993	38.57	16.80	0.00	21.77	-0.79	ND	--	ND	ND	ND	ND	--	--	
3/9/1994	38.57	15.62	0.00	22.95	1.18	ND	--	1.2	3.7	0.79	6.1	--	--	
4/13/1994	38.57	15.80	0.00	22.77	-0.18	ND	--	ND	0.78	ND	0.98	--	--	
6/9/1994	38.57	15.86	0.00	22.71	-0.06	ND	--	ND	ND	ND	ND	--	--	
9/7/1994	38.57	16.87	0.00	21.70	-1.01	ND	--	ND	ND	ND	ND	--	--	
12/5/1994	38.57	16.32	0.00	22.25	0.55	ND	--	ND	ND	ND	ND	--	--	
3/9/1995	38.57	14.56	0.00	24.01	1.76	ND	--	ND	ND	ND	ND	ND	--	
6/13/1995	38.57	14.40	0.00	24.17	0.16	ND	--	ND	ND	ND	ND	ND	--	
9/12/1995	38.57	15.50	0.00	23.07	-1.10	ND	--	ND	ND	ND	ND	ND	--	
12/14/1995	38.57	15.67	0.00	22.90	-0.17	ND	--	ND	ND	ND	ND	ND	--	
3/20/1996	38.57	13.25	0.00	25.32	2.42	--	--	--	--	--	--	--	--	
9/24/1996	38.57	15.75	0.00	22.82	-2.50	--	--	--	--	--	--	--	--	
3/27/1997	38.57	14.18	0.00	24.39	1.57	ND	--	ND	ND	ND	ND	ND	--	
9/23/1997	38.57	16.05	0.00	22.52	-1.87	--	--	--	--	--	--	--	--	Sampled annually
3/10/1998	38.57	11.63	0.00	26.94	4.42	ND	--	ND	ND	ND	ND	ND	--	
9/4/1998	38.57	15.81	0.00	22.76	-4.18	--	--	--	--	--	--	--	--	

Table 2
HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS
February 1988 Through March 2011
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
U-8 continued														
3/4/1999	38.57	12.81	0.00	25.76	3.00	ND	--	ND	ND	ND	ND	ND	--	
9/13/1999	38.57	16.37	0.00	22.20	-3.56	--	--	--	--	--	--	--	--	
3/21/2000	38.57	13.25	0.00	25.32	3.12	ND	--	ND	ND	ND	ND	ND	--	
9/18/2000	38.57	15.31	0.00	23.26	-2.06	--	--	--	--	--	--	--	--	
3/16/2001	38.57	14.71	0.00	23.86	0.60	ND	--	ND	ND	ND	ND	ND	--	
9/4/2001	38.57	16.01	0.00	22.56	-1.30	--	--	--	--	--	--	--	--	
3/18/2002	38.57	14.46	--	24.11	1.55	ND<50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<5.0	--	
9/17/2002	38.57	15.93	0.00	22.64	-1.47	--	--	--	--	--	--	--	--	Sampled annually
3/28/2003	38.57	14.40	0.00	24.17	1.53	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<2.0	
9/5/2003	38.57	15.46	0.00	23.11	-1.06	--	--	--	--	--	--	--	--	Sampled annually
3/4/2004	38.57	13.98	0.00	24.59	1.48	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<2.0	
9/9/2004	38.57	15.53	0.00	23.04	-1.55	--	--	--	--	--	--	--	--	Monitored Only
3/1/2005	38.57	13.56	0.00	25.01	1.97	--	ND<50	ND<0.50	ND<0.50	0.80	2.8	--	ND<0.50	
8/2/2005	38.57	14.31	0.00	24.26	-0.75	--	--	--	--	--	--	--	--	Sampled annually
1/20/2006	38.57	13.51	0.00	25.06	0.80	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<0.50	
7/11/2006	38.57	13.94	0.00	24.63	-0.43	--	--	--	--	--	--	--	--	Sampled Q1 only
3/9/2007	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	
7/6/2007	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	
1/7/2008	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	
6/24/2008	40.95	15.67	0.00	25.28	-0.88	--	--	--	--	--	--	--	--	Sampled Q1 and Q3 only
8/29/2008	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	
11/17/2008	40.95	16.48	0.00	24.47	-0.37	--	--	--	--	--	--	--	--	Sampled Q1 and Q3 only
3/13/2009	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	

Table 2
HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS
February 1988 Through March 2011
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
U-8 continued														
5/1/2009	40.95	15.20	0.00	25.75	-0.42	--	--	--	--	--	--	--	--	Sampled Q1 and Q3 only
7/2/2009	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	
1/18/2010	40.95	15.85	0.00	25.10	-0.10	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<0.50	
9/27/2010	40.95	15.82	0.00	25.13	0.03	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<0.50	
3/8/2011	40.95	14.45	0.00	26.50	1.37	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<0.50	
U-9 (Screen Interval in feet: 13.0-28.0)														
6/4/1993	37.88	14.67	0.00	23.21	--	2100	--	ND	ND	ND	ND	--	--	
9/9/1993	37.88	15.79	0.00	22.09	-1.12	1200	--	ND	ND	ND	ND	--	--	
12/2/1993	37.31	15.93	0.00	21.38	-0.71	ND	--	ND	ND	ND	ND	--	--	
3/9/1994	37.31	14.74	0.00	22.57	1.19	5700	--	ND	ND	ND	ND	--	--	
4/13/1994	37.31	14.96	0.00	22.35	-0.22	ND	--	ND	ND	ND	ND	--	--	
6/9/1994	37.31	15.05	0.00	22.26	-0.09	2900	--	ND	ND	ND	ND	--	--	
9/7/1994	37.31	16.06	0.00	21.25	-1.01	2700	--	ND	ND	ND	ND	--	--	
12/5/1994	37.31	15.43	0.00	21.88	0.63	3700	--	ND	ND	ND	ND	--	--	
3/9/1995	37.31	13.50	0.00	23.81	1.93	2500	--	ND	ND	ND	ND	5800	--	
6/13/1995	37.31	13.63	0.00	23.68	-0.13	ND	--	ND	ND	ND	ND	1200	--	
9/12/1995	37.31	14.73	0.00	22.58	-1.10	ND	--	ND	ND	ND	ND	1600	--	
12/14/1995	37.31	14.67	0.00	22.64	0.06	ND	--	ND	ND	ND	ND	4400	--	
3/20/1996	37.31	12.27	0.00	25.04	2.40	ND	--	ND	ND	ND	ND	480	--	
9/24/1996	37.31	14.92	0.00	22.39	-2.65	ND	--	ND	ND	ND	ND	ND	--	
3/27/1997	37.31	13.36	0.00	23.95	1.56	ND	--	ND	ND	ND	ND	42	--	
9/23/1997	37.31	15.28	0.00	22.03	-1.92	ND	--	ND	ND	ND	ND	ND	--	
3/10/1998	37.31	10.86	0.00	26.45	4.42	ND	--	ND	ND	ND	3.1	ND	--	

Table 2
HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS
February 1988 Through March 2011
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
U-9 continued														
9/4/1998	37.31	15.03	0.00	22.28	-4.17	ND	--	ND	ND	ND	ND	ND	--	
3/4/1999	37.31	11.95	0.00	25.36	3.08	ND	--	ND	ND	ND	ND	ND	--	
9/13/1999	37.31	15.61	0.00	21.70	-3.66	ND	--	ND	1.67	ND	1.01	7.85	--	
3/21/2000	37.31	12.38	0.00	24.93	3.23	ND	--	ND	ND	ND	ND	ND	--	
9/18/2000	37.31	14.87	0.00	22.44	-2.49	ND	--	ND	1.42	ND	1.06	ND	--	
3/16/2001	37.31	13.85	0.00	23.46	1.02	ND	--	ND	ND	ND	ND	ND	--	
9/4/2001	37.31	15.22	0.00	22.09	-1.37	--	--	--	--	--	--	--	--	Sampled annually
3/18/2002	37.31	13.56	--	23.75	1.66	ND<50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<5.0	--	
9/17/2002	37.31	15.14	0.00	22.17	-1.58	--	--	--	--	--	--	--	--	Sampled annually
3/28/2003	37.31	13.61	0.00	23.70	1.53	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<2.0	
9/5/2003	37.31	14.64	0.00	22.67	-1.03	--	--	--	--	--	--	--	--	Sampled annually
3/4/2004	37.31	13.07	0.00	24.24	1.57	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<2.0	
9/9/2004	37.31	14.75	0.00	22.56	-1.68	--	--	--	--	--	--	--	--	Monitored Only
3/1/2005	37.31	12.68	0.00	24.63	2.07	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	4.1	
8/2/2005	37.31	13.47	0.00	23.84	-0.79	--	--	--	--	--	--	--	--	Sampled annually
1/20/2006	37.31	12.61	0.00	24.70	0.86	--	ND<50	ND<0.50	ND<0.50	0.78	2.8	--	ND<0.50	
7/11/2006	37.31	13.10	0.00	24.21	-0.49	--	--	--	--	--	--	--	--	Sampled Q1 only
3/9/2007	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	
7/6/2007	39.72	14.63	0.00	25.09	1.33	--	--	--	--	--	--	--	--	Sampled Q1 only
1/7/2008	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	
6/24/2008	39.72	14.89	0.00	24.83	-1.04	--	--	--	--	--	--	--	--	Sampled Q1 only
8/29/2008	39.72	15.32	0.00	24.40	-0.43	--	--	--	--	--	--	--	--	Sampled Q1 only
11/17/2008	39.72	15.70	0.00	24.02	-0.38	--	--	--	--	--	--	--	--	Sampled Q1 only

Table 2
HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS
February 1988 Through March 2011
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
U-9 continued														
3/13/2009	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	
5/1/2009	39.72	14.37	0.00	25.35	-0.47	--	--	--	--	--	--	--	--	Sampled Q1 only
7/2/2009	39.72	14.90	0.00	24.82	-0.53	--	--	--	--	--	--	--	--	Sampled Q1 only
1/18/2010	39.72	14.97	0.00	24.75	-0.07	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<0.50	
9/27/2010	39.72	15.02	0.00	24.70	-0.05	--	--	--	--	--	--	--	--	Sampled Q1 only
3/8/2011	39.72	13.60	0.00	26.12	1.42	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<0.50	

Table 2 a
ADDITIONAL HISTORIC ANALYTICAL RESULTS
76 Station 5760

Date Sampled										Post-purge	Pre-purge
	TBA (µg/l)	Ethanol (8260B) (µg/l)	Ethylene- dibromide (EDB) (µg/l)	EDB (504) (µg/l)	1,2-DCA (EDC) (µg/l)	DIPE (µg/l)	ETBE (µg/l)	TAME (µg/l)	1,1-DCA (µg/l)	Dissolved Oxygen (mg/l)	Dissolved Oxygen (mg/l)
U-1											
3/27/1997	--	--	--	--	--	--	--	--	--	2.35	2.41
10/13/2000	ND	ND	ND	--	--	ND	ND	ND	ND	--	--
9/17/2002	ND<500	ND<2500	ND<10	--	--	ND<10	ND<10	ND<10	ND<10	--	--
9/5/2003	--	ND<500	--	--	--	--	--	--	--	--	--
3/4/2004	--	ND<20000	--	--	--	--	--	--	--	--	--
9/9/2004	--	ND<2000	--	--	--	--	--	--	--	--	--
3/1/2005	--	ND<1300	--	--	--	--	--	--	--	--	--
8/2/2005	--	ND<1000	--	--	--	--	--	--	--	--	--
1/20/2006	--	ND<250	--	--	--	--	--	--	--	--	--
7/11/2006	--	ND<25000	--	--	--	--	--	--	--	--	--
3/9/2007	--	ND<2500	--	--	--	--	--	--	--	--	--
U-1R											
7/6/2007	--	ND<250	--	--	--	--	--	--	--	--	--
1/7/2008	--	ND<6200	--	--	--	--	--	--	--	--	--
6/24/2008	--	ND<12000	--	--	--	--	--	--	--	--	--
8/29/2008	ND<500	ND<12000	ND<25	--	ND<25	ND<25	ND<25	ND<25	--	--	--
11/17/2008	ND<500	ND<12000	ND<25	--	ND<25	ND<25	ND<25	ND<25	--	--	--
3/13/2009	ND<250	ND<6200	ND<12	--	ND<12	ND<12	ND<12	ND<12	--	--	--
5/1/2009	ND<250	--	ND<12	--	ND<12	ND<12	ND<12	ND<12	--	--	--
7/2/2009	ND<500	ND<12000	ND<25	--	ND<25	ND<25	ND<25	ND<25	--	--	--
1/18/2010	ND<250	ND<6200	ND<12	--	ND<12	ND<12	ND<12	ND<12	--	--	--
9/27/2010	ND<250	ND<6200	ND<12	ND<0.010	ND<12	ND<12	ND<12	ND<12	--	--	--
3/8/2011	ND<120	ND<3100	ND<6.2	--	ND<6.2	ND<6.2	ND<6.2	ND<6.2	--	--	--

U-2



Table 2 a
ADDITIONAL HISTORIC ANALYTICAL RESULTS
76 Station 5760

Date Sampled	TBA (µg/l)	Ethanol (8260B) (µg/l)	Ethylene- dibromide (EDB) (µg/l)	EDB (504) (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)
U-2 continued											
3/27/1997	--	--	--	--	--	--	--	--	--	4.49	4.36
U-3											
3/27/1997	--	--	--	--	--	--	--	--	--	3.32	3.18
9/5/2003	--	ND<500	--	--	--	--	--	--	--	--	--
3/4/2004	--	ND<10000	--	--	--	--	--	--	--	--	--
9/9/2004	--	ND<250	--	--	--	--	--	--	--	--	--
3/1/2005	--	ND<500	--	--	--	--	--	--	--	--	--
8/2/2005	--	ND<250	--	--	--	--	--	--	--	--	--
1/20/2006	--	ND<250	--	--	--	--	--	--	--	--	--
7/11/2006	--	ND<2500	--	--	--	--	--	--	--	--	--
3/9/2007	--	ND<1200	--	--	--	--	--	--	--	--	--
7/6/2007	--	ND<250	--	--	--	--	--	--	--	--	--
U-3R											
7/6/2007	--	ND<250	--	--	--	--	--	--	--	--	--
1/7/2008	--	ND<250	--	--	--	--	--	--	--	--	--
6/24/2008	--	ND<250	--	--	--	--	--	--	--	--	--
8/29/2008	ND<10	ND<250	ND<0.50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--	--	--
11/17/2008	ND<10	ND<250	ND<0.50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--	--	--
3/13/2009	ND<10	ND<250	ND<0.50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--	--	--
5/1/2009	ND<10	--	ND<0.50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--	--	--
7/2/2009	ND<10	ND<250	ND<0.50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--	--	--
1/18/2010	ND<10	ND<250	ND<0.50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--	--	--
9/27/2010	ND<10	ND<250	ND<0.50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--	--	--
3/8/2011	ND<10	ND<250	ND<0.50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--	--	--

Table 2 a
ADDITIONAL HISTORIC ANALYTICAL RESULTS
76 Station 5760

Date Sampled										Post-purge	Pre-purge
	TBA (µg/l)	Ethanol (8260B) (µg/l)	Ethylene- dibromide (EDB) (µg/l)	EDB (504) (µg/l)	1,2-DCA (EDC) (µg/l)	DIPE (µg/l)	ETBE (µg/l)	TAME (µg/l)	1,1-DCA (µg/l)	Dissolved Oxygen (mg/l)	Dissolved Oxygen (mg/l)
U-4											
3/27/1997	--	--	--	--	--	--	--	--	--	3.26	3.32
U-5											
3/27/1997	--	--	--	--	--	--	--	--	--	3.77	3.74
3/4/2004	--	ND<500	--	--	--	--	--	--	--	--	--
3/1/2005	--	ND<50	--	--	--	--	--	--	--	--	--
1/20/2006	--	ND<250	--	--	--	--	--	--	--	--	--
3/9/2007	--	ND<250	--	--	--	--	--	--	--	--	--
1/7/2008	--	ND<250	--	--	--	--	--	--	--	--	--
3/13/2009	ND<10	--	ND<0.50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--	--	--
1/18/2010	ND<10	--	ND<0.50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--	--	--
3/8/2011	ND<10	--	ND<0.50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--	--	--
U-6											
3/20/1996	--	--	--	--	--	--	--	--	--	3.89	3.85
9/24/1996	--	--	--	--	--	--	--	--	--	3.81	3.73
3/27/1997	--	--	--	--	--	--	--	--	--	4.36	4.43
9/23/1997	--	--	--	--	--	--	--	--	--	4.14	--
3/10/1998	--	--	--	--	--	--	--	--	--	3.95	--
9/8/2005	--	ND<1000	--	--	--	--	--	--	--	--	--
1/20/2006	--	ND<250	--	--	--	--	--	--	--	--	--
7/11/2006	--	ND<250	--	--	--	--	--	--	--	--	--
3/9/2007	--	ND<250	--	--	--	--	--	--	--	--	--
7/6/2007	--	ND<250	--	--	--	--	--	--	--	--	--
1/7/2008	--	ND<250	--	--	--	--	--	--	--	--	--
8/29/2008	ND<10	--	ND<0.50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--	--	--

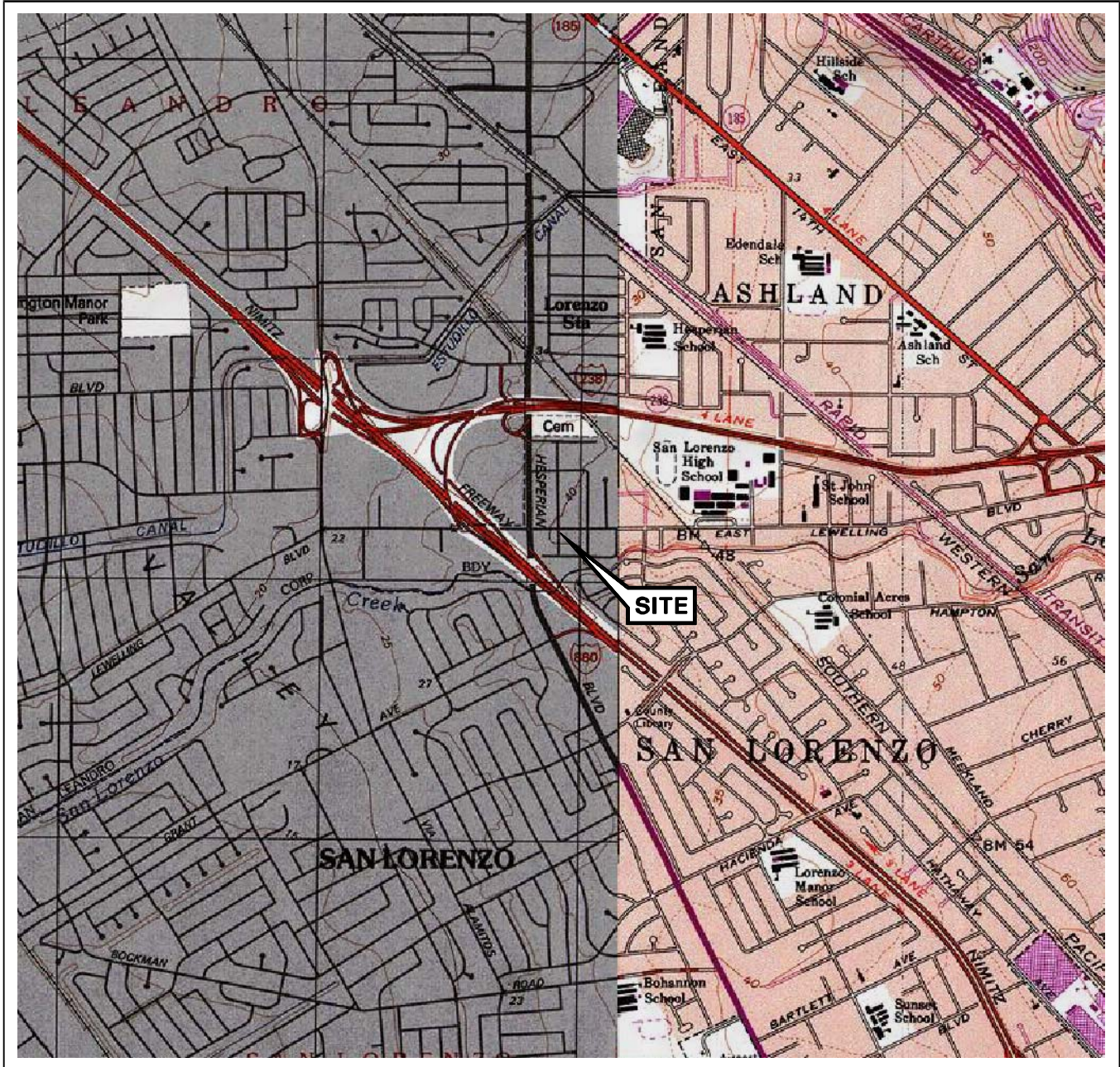
Table 2 a
ADDITIONAL HISTORIC ANALYTICAL RESULTS
76 Station 5760

Date Sampled	TBA (µg/l)	Ethanol (8260B) (µg/l)	Ethylene- dibromide (EDB) (µg/l)	EDB (504) (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)
U-6 continued											
3/13/2009	ND<10	--	ND<0.50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--	--	--
7/2/2009	ND<10	--	ND<0.50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--	--	--
1/18/2010	ND<10	--	ND<0.50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--	--	--
9/27/2010	ND<10	--	ND<0.50	ND<0.010	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--	--	--
3/8/2011	ND<10	--	ND<0.50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--	--	--
U-7											
3/27/1997	--	--	--	--	--	--	--	--	--	3.38	3.29
9/8/2005	--	ND<1000	--	--	--	--	--	--	--	--	--
1/20/2006	--	ND<250	--	--	--	--	--	--	--	--	--
7/11/2006	--	ND<250	--	--	--	--	--	--	--	--	--
3/9/2007	--	ND<250	--	--	--	--	--	--	--	--	--
1/7/2008	--	ND<250	--	--	--	--	--	--	--	--	--
3/13/2009	ND<10	--	ND<0.50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--	--	--
1/18/2010	ND<10	--	ND<0.50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--	--	--
9/30/2010	ND<10	--	ND<0.50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--	--	--
3/8/2011	ND<10	--	ND<0.50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--	--	--
U-8											
3/27/1997	--	--	--	--	--	--	--	--	--	3.11	3.04
3/4/2004	--	ND<500	--	--	--	--	--	--	--	--	--
3/1/2005	--	ND<50	--	--	--	--	--	--	--	--	--
1/20/2006	--	ND<250	--	--	--	--	--	--	--	--	--
3/9/2007	--	ND<250	--	--	--	--	--	--	--	--	--
7/6/2007	--	ND<250	--	--	--	--	--	--	--	--	--
1/7/2008	--	ND<250	--	--	--	--	--	--	--	--	--
8/29/2008	ND<10	--	ND<0.50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--	--	--

Table 2 a
ADDITIONAL HISTORIC ANALYTICAL RESULTS
76 Station 5760

Date Sampled	TBA (µg/l)	Ethanol (8260B) (µg/l)	Ethylene- dibromide (EDB) (µg/l)	EDB (504) (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)
U-8 continued											
3/13/2009	ND<10	--	ND<0.50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--	--	--
7/2/2009	ND<10	--	ND<0.50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--	--	--
1/18/2010	ND<10	--	ND<0.50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--	--	--
9/27/2010	ND<10	--	ND<0.50	ND<0.010	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--	--	--
3/8/2011	ND<10	--	ND<0.50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--	--	--
U-9											
3/20/1996	--	--	--	--	--	--	--	--	--	4	4.02
9/24/1996	--	--	--	--	--	--	--	--	--	3.98	3.85
3/27/1997	--	--	--	--	--	--	--	--	--	3.57	3.65
9/23/1997	--	--	--	--	--	--	--	--	--	3.8	--
3/10/1998	--	--	--	--	--	--	--	--	--	3.62	--
3/4/2004	--	ND<500	--	--	--	--	--	--	--	--	--
3/1/2005	--	ND<50	--	--	--	--	--	--	--	--	--
1/20/2006	--	ND<250	--	--	--	--	--	--	--	--	--
3/9/2007	--	ND<250	--	--	--	--	--	--	--	--	--
1/7/2008	--	ND<250	--	--	--	--	--	--	--	--	--
3/13/2009	ND<10	--	ND<0.50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--	--	--
1/18/2010	ND<10	--	ND<0.50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--	--	--
3/8/2011	ND<10	--	ND<0.50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--	--	--

FIGURES



SOURCE:

United States Geological Survey
7.5 Minute Topographic Map:
Hayward Quadrangle

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



SCALE 1:24,000



QUADRANGLE
LOCATION





76 STATION 5760
376 LEWELLING BOULEVARD
SAN LORENZO, CALIFORNIA


VICINITY MAP

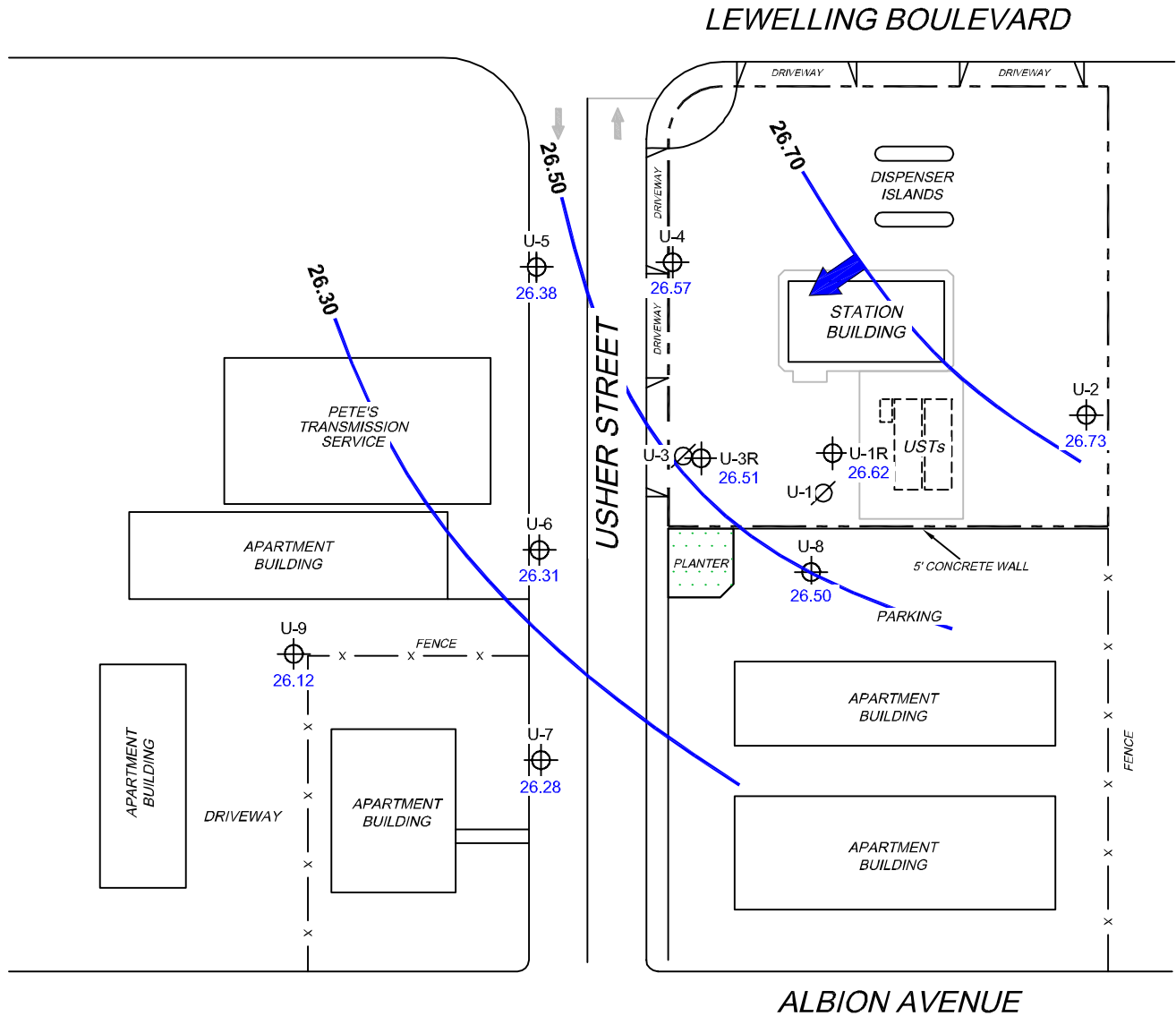
FIGURE 1

LEGEND

U-9  Monitoring Well with Groundwater Elevation (feet)

26.70  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. UST = underground storage tank.

SCALE (FEET)



L:\Graphics\QMS NORTH-SOUTH\5760-QMS(NEW).dwg Mar 28, 2011 - 1:37pm bschmidt

MS=1:1 5760-003



PROJECT: 181816.NCAL

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

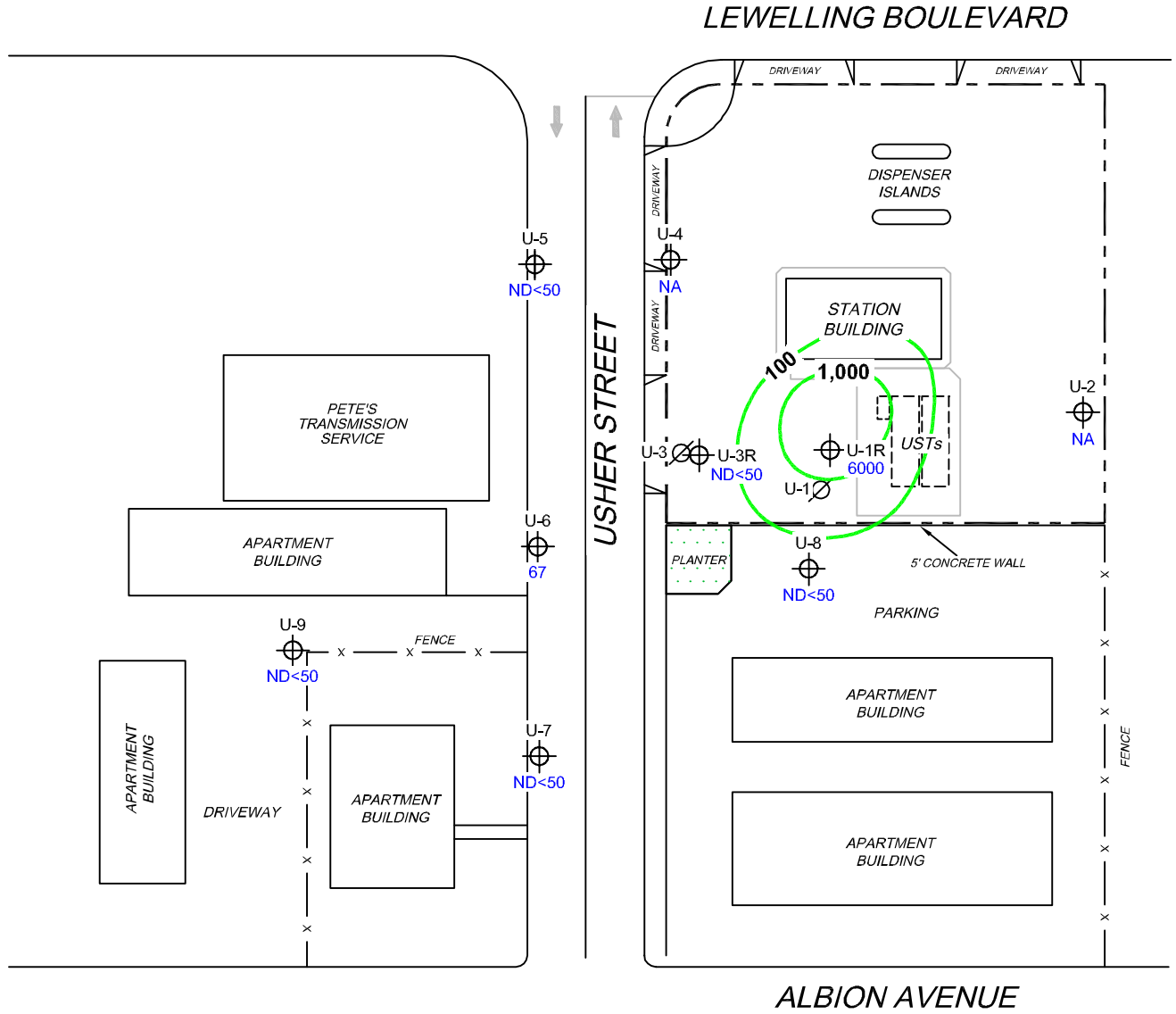
**GROUNDWATER ELEVATION
CONTOUR MAP
March 8, 2011**

FIGURE 2

LEGEND

U-9 ⊕ Monitoring Well with Dissolved-Phase TPH-G (GC/MS) Concentration ($\mu\text{g/l}$)

1,000 — 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. UST = underground storage tank.

SCALE (FEET)



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PROJECT: 181816.NCAL

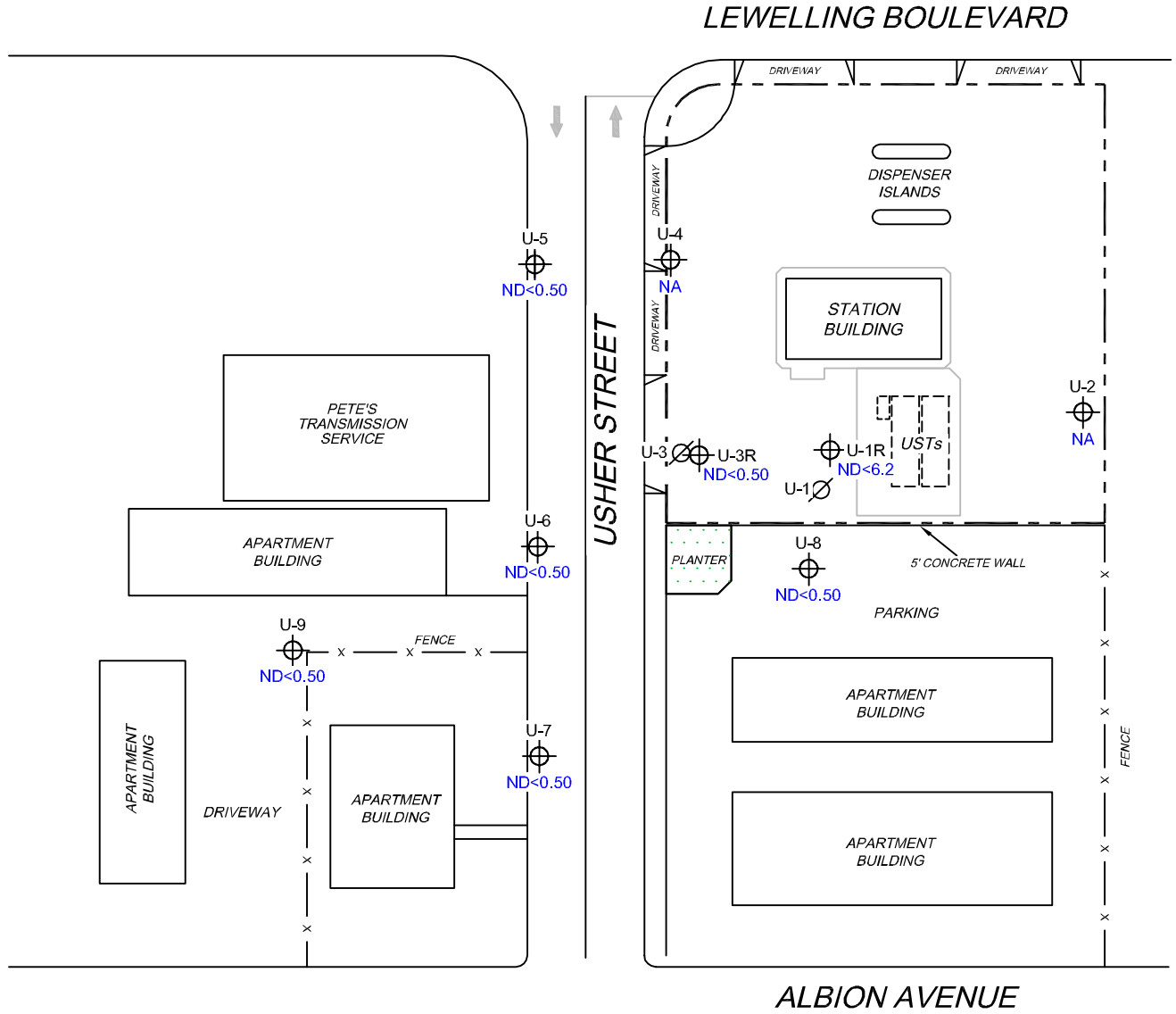
FACILITY:
76 STATION 5760
376 LEWELLING BOULEVARD
SAN LORENZO, CALIFORNIA

**DISSOLVED-PHASE TPH-G
CONCENTRATION MAP
March 8, 2011**

FIGURE 3

LEGEND

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



NOTES:

$\mu\text{g/l}$ = micrograms per liter. ND = not detected at limit indicated on official laboratory report. NA = not analyzed, measured, or collected. UST = underground storage tank.

SCALE (FEET)



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PROJECT: 181816.NCAL

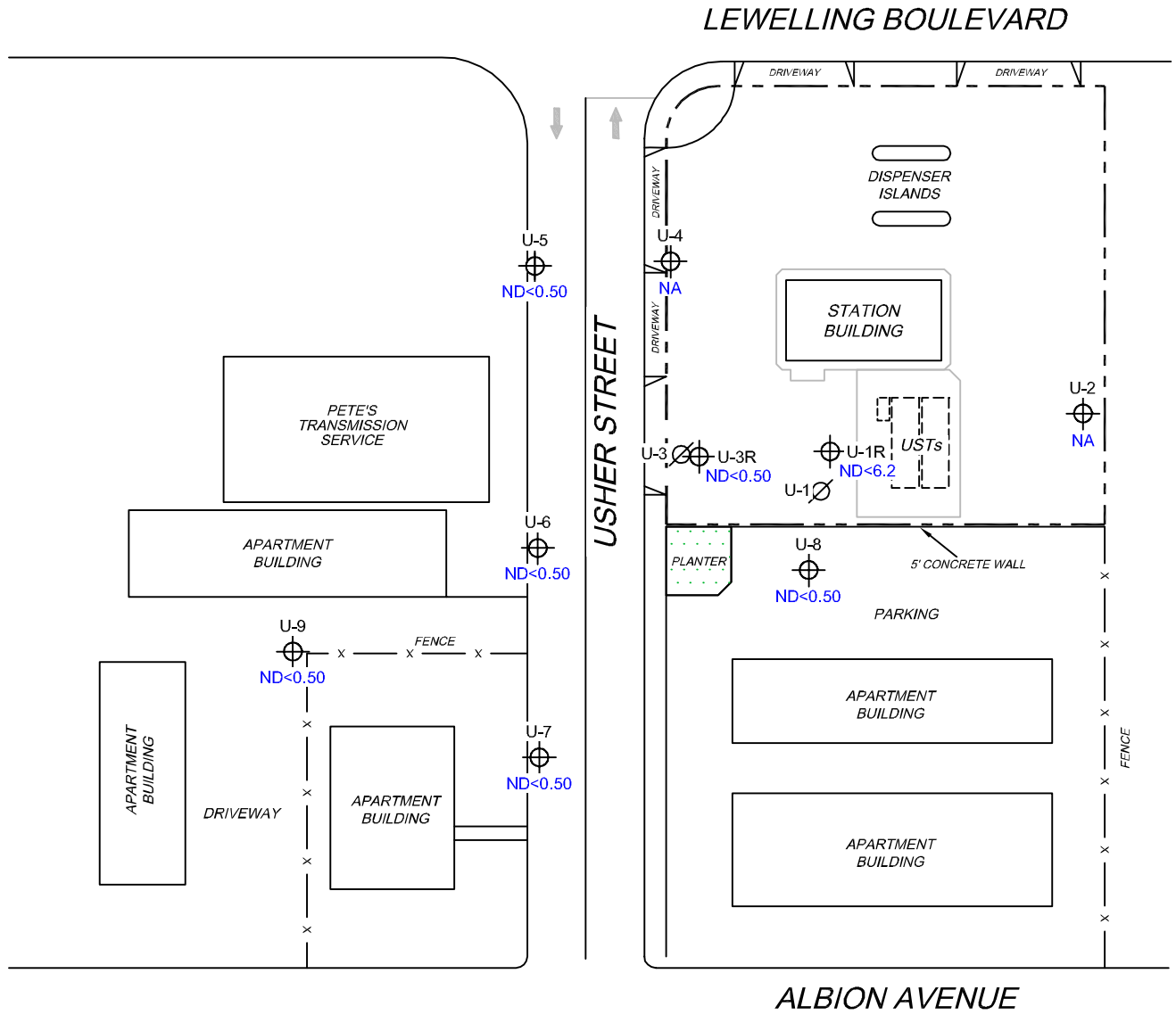
FACILITY:
76 STATION 5760
376 LEWELLING BOULEVARD
SAN LORENZO, CALIFORNIA

**DISSOLVED-PHASE BENZENE
CONCENTRATION MAP
March 8, 2011**

FIGURE 4

LEGEND

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



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. UST = underground storage tank. Results obtained using EPA Method 8260B.

SCALE (FEET)



L:\Graphics\QMS NORTH-SOUTH\5760-5000\5760-5760-QMS(NEW).dwg Mar 28, 2011 - 1:38pm bschmidt

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PROJECT: 181816.NCAL

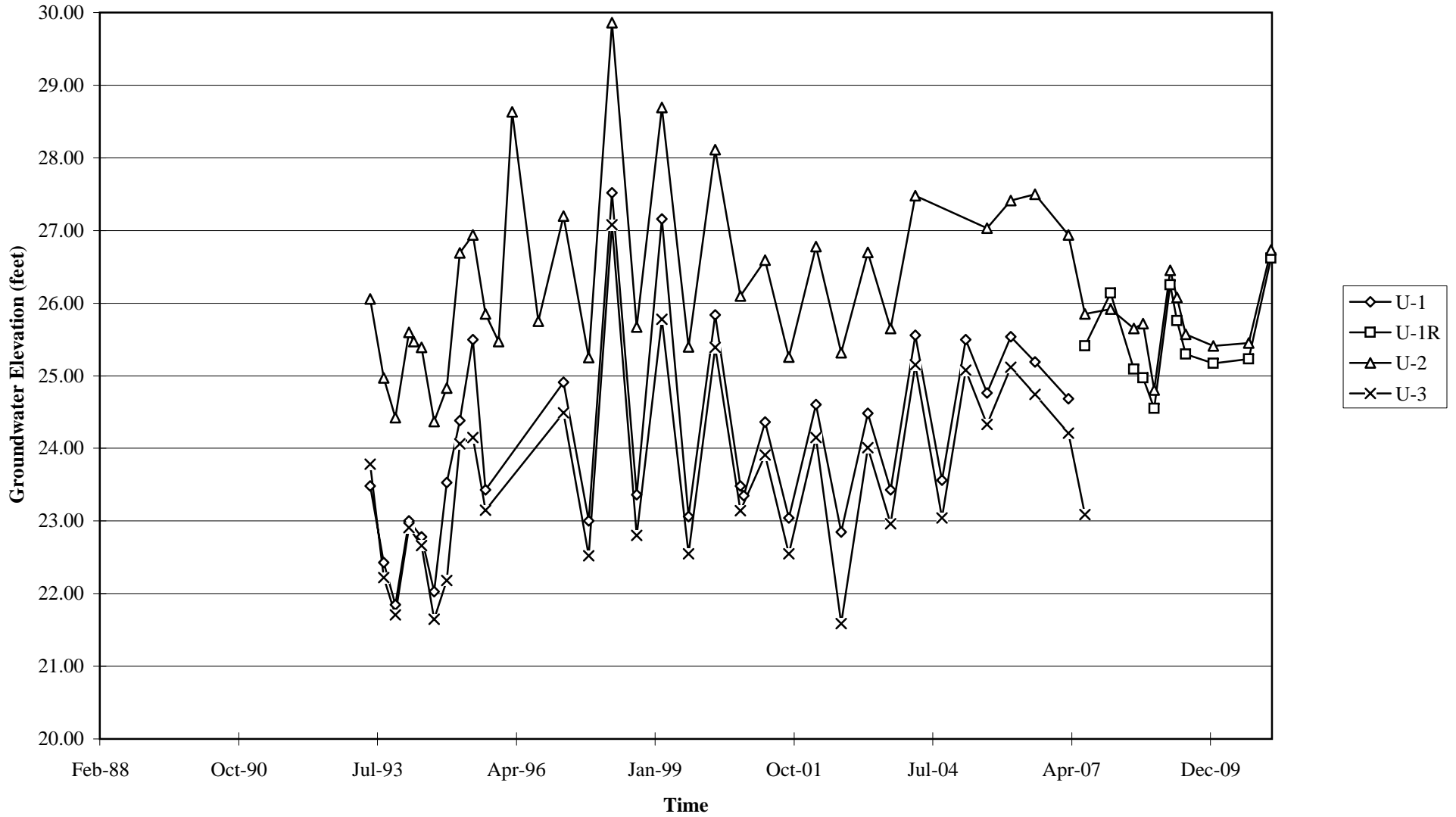
FACILITY:
76 STATION 5760
376 LEWELLING BOULEVARD
SAN LORENZO, CALIFORNIA

**DISSOLVED-PHASE MTBE
CONCENTRATION MAP
March 8, 2011**

FIGURE 5

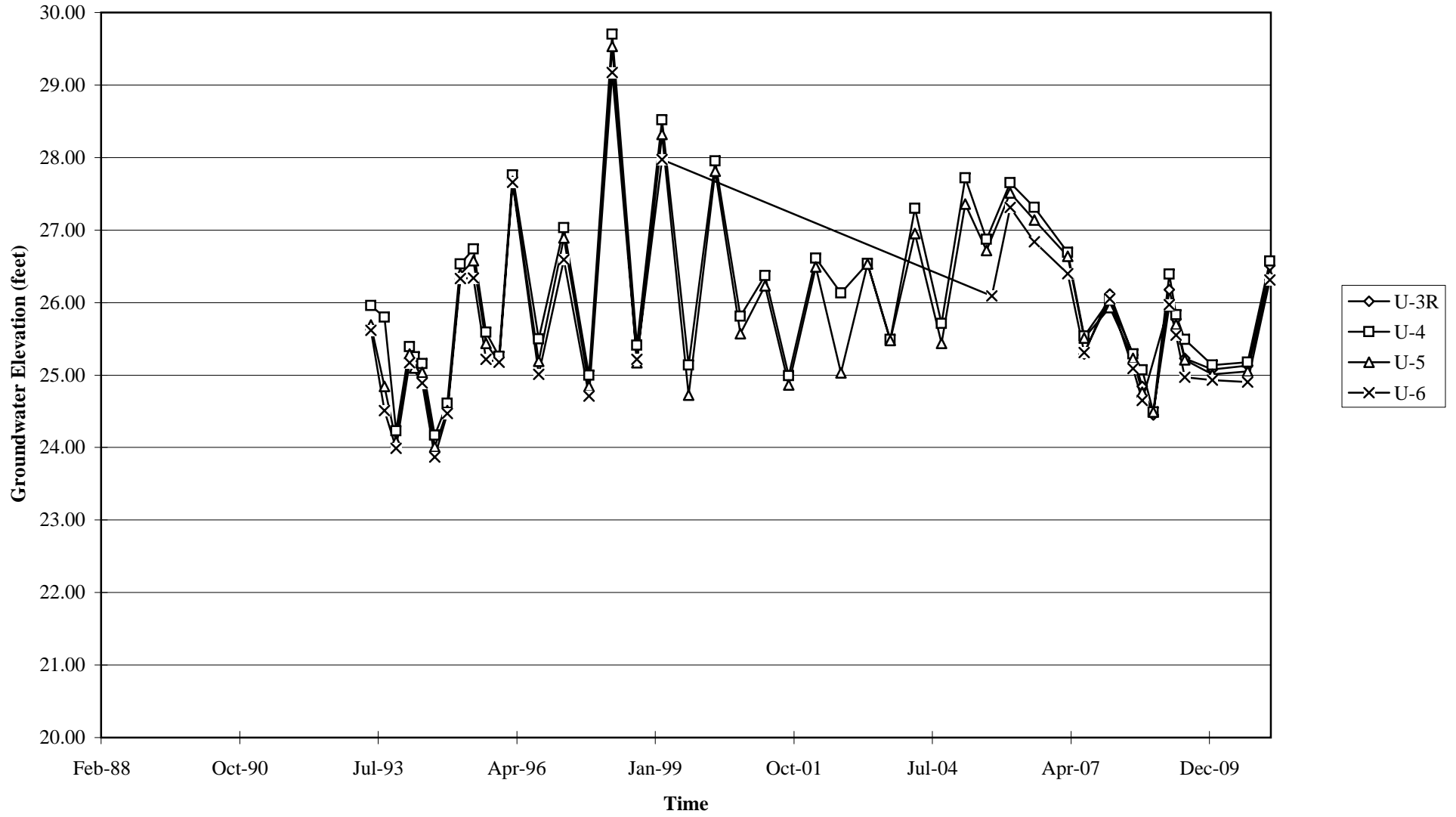
GRAPHS

Groundwater Elevations vs. Time
76 Station 5760

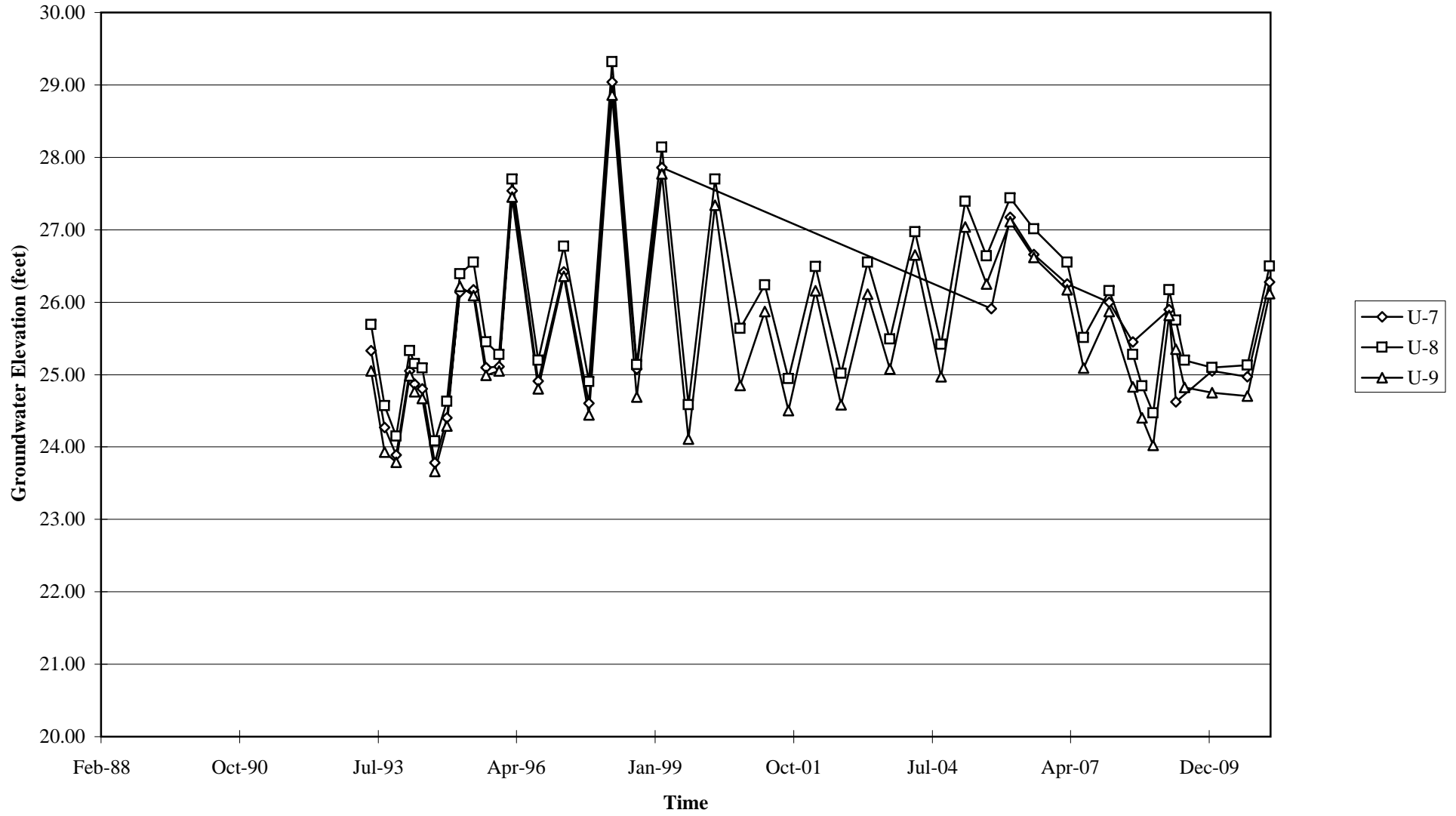


Elevations may have been corrected for apparent changes due to resurvey

Groundwater Elevations vs. Time
76 Station 5760



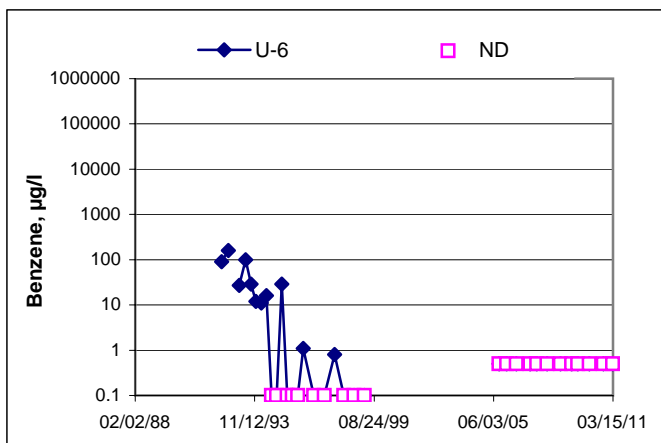
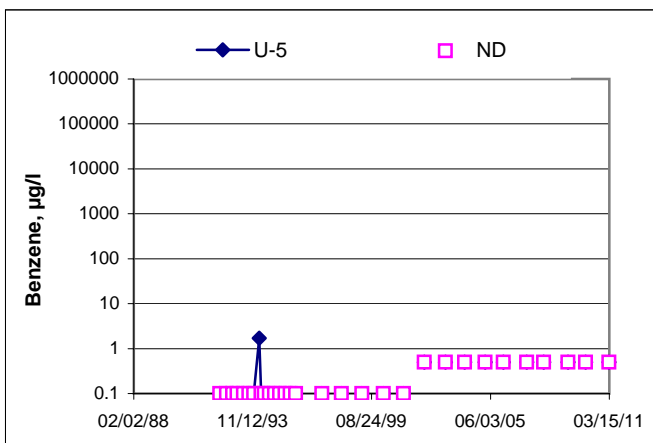
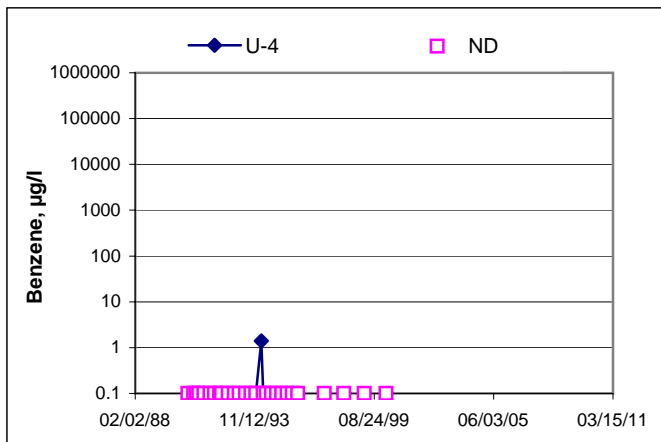
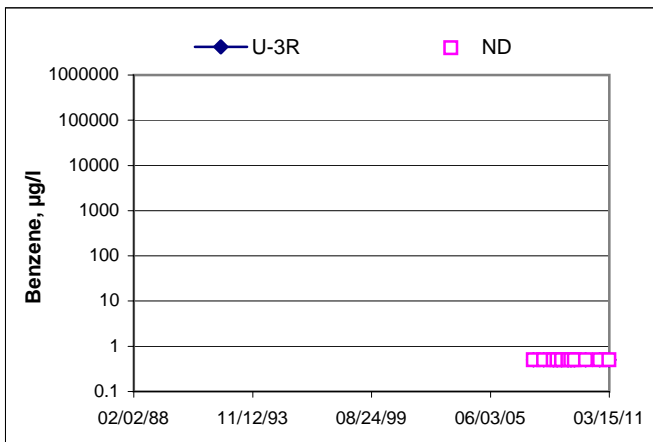
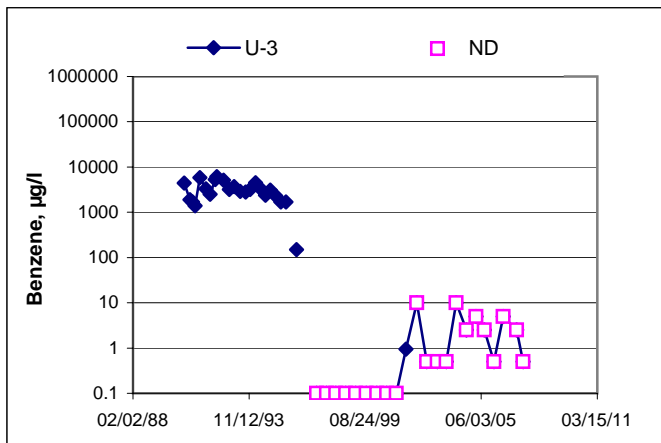
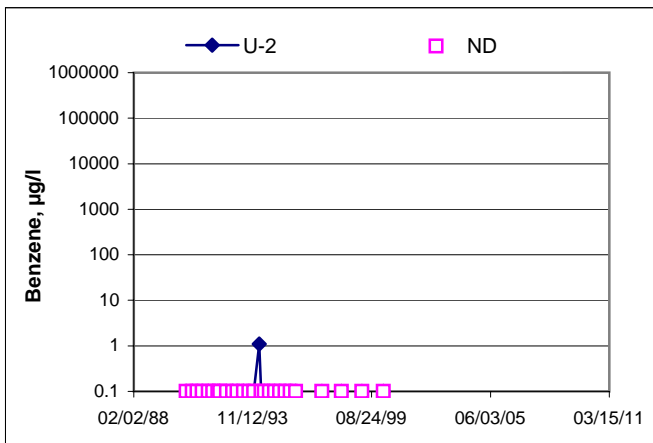
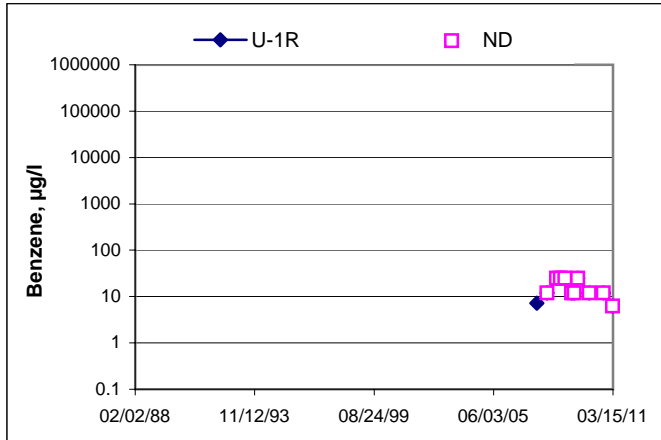
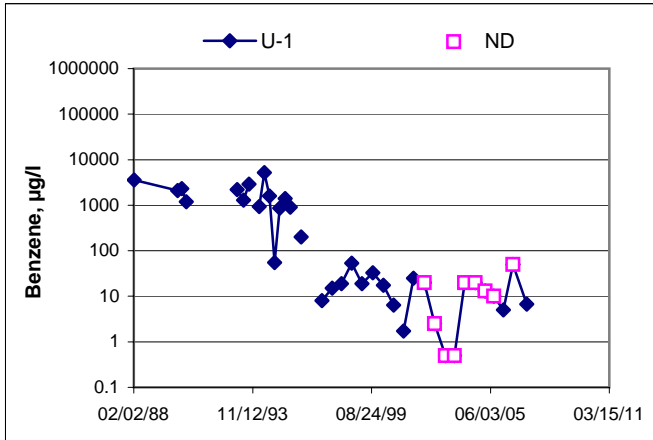
Groundwater Elevations vs. Time
76 Station 5760



Elevations may have been corrected for apparent changes due to resurvey

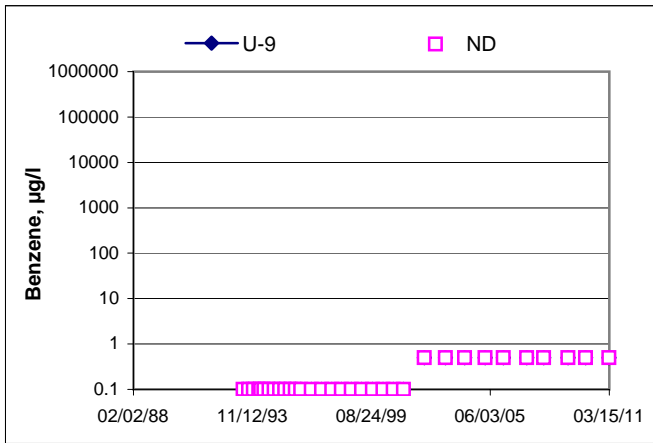
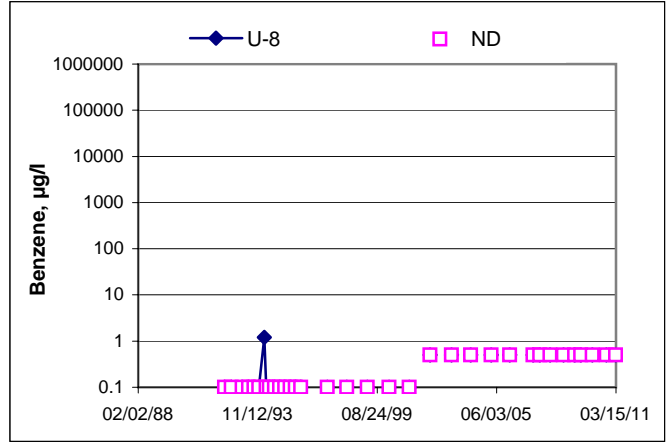
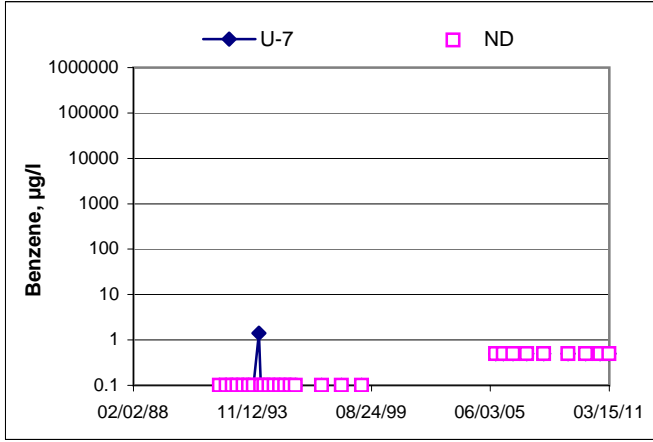
Benzene Concentrations vs Time

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: Banilo

Site: 5760

Project No.: 181816

Date: 3-8-11

Well No. U-5

Purge Method: Sub

Depth to Water (feet): 15.36

Depth to Product (feet): —

Total Depth (feet): 28.55

LPH & Water Recovered (gallons): —

Water Column (feet): 13.19

Casing Diameter (Inches): 2

80% Recharge Depth(feet): 17.99

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									
<u>0833</u>			<u>3</u>	<u>1010</u>	<u>16.5</u>	<u>7.12</u>			
			<u>6</u>	<u>1011</u>	<u>18.7</u>	<u>6.87</u>			
	<u>0838</u>		<u>9</u>	<u>1012</u>	<u>19.7</u>	<u>6.58</u>			
Static at Time Sampled			Total Gallons Purged			Sample Time			
<u>15.51</u>			<u>9</u>			<u>0843</u>			
Comments:									

Well No. U-6

Purge Method: Sub

Depth to Water (feet): 13.76

Depth to Product (feet): —

Total Depth (feet): 28.30

LPH & Water Recovered (gallons): —

Water Column (feet): 14.54

Casing Diameter (Inches): 2

80% Recharge Depth(feet): 16.66

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									
<u>0851</u>			<u>3</u>	<u>774.3</u>	<u>17.6</u>	<u>6.40</u>			
			<u>6</u>	<u>715.3</u>	<u>18.6</u>	<u>6.27</u>			
	<u>0855</u>		<u>9</u>	<u>752.0</u>	<u>18.9</u>	<u>6.21</u>			
Static at Time Sampled			Total Gallons Purged			Sample Time			
<u>13.90</u>			<u>9</u>			<u>0900</u>			
Comments:									

GROUNDWATER SAMPLING FIELD NOTES

Technician: Banilo

Site: 5760

Project No.: 181816

Date: 3-8-11

Well No. U-9

Purge Method: Sub

Depth to Water (feet): 13.60

Depth to Product (feet): —

Total Depth (feet): 28.12

LPH & Water Recovered (gallons): —

Water Column (feet): 14.52

Casing Diameter (Inches): 2

80% Recharge Depth(feet): 16.50

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									
0912			3	856.2	17.6	6.19			
			6	821.4	18.5	6.10			
	0916		9	853.6	19.1	6.02			
Static at Time Sampled			Total Gallons Purged			Sample Time			
13.89			9			0922			
Comments:									

Well No. U-7

Purge Method: Sub

Depth to Water (feet): 13.22

Depth to Product (feet): —

Total Depth (feet): 34.88

LPH & Water Recovered (gallons): —

Water Column (feet): 21.66

Casing Diameter (Inches): 2

80% Recharge Depth(feet): 17.55

1 Well Volume (gallons): 4

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									
0939			4	574.7	17.9	6.32			
			8	561.0	18.4	6.31			
	0945		12	597.1	18.6	6.24			
Static at Time Sampled			Total Gallons Purged			Sample Time			
13.60			12			0950			
Comments:									

GROUNDWATER SAMPLING FIELD NOTES

Technician: Franklin

Site: 5760

Project No.: 181816

Date: 3-8-11

Well No. U-8

Purge Method: Sub

Depth to Water (feet): 14.45

Depth to Product (feet): —

Total Depth (feet): 29.78

LPH & Water Recovered (gallons): —

Water Column (feet): 15.33

Casing Diameter (Inches): 2

80% Recharge Depth(feet): 17.51

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									
1008			3	542.0	18.5	6.43			
			6	547.9	18.9	6.24			
	1012		9	547.4	19.1	6.19			
Static at Time Sampled			Total Gallons Purged			Sample Time			
14.70			9			1018			
Comments:									

Well No. U-3R

Purge Method: HB

Depth to Water (feet): 15.07

Depth to Product (feet): —

Total Depth (feet): 24.90

LPH & Water Recovered (gallons): —

Water Column (feet): 9.83

Casing Diameter (Inches): 2

80% Recharge Depth(feet): 17.03

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									
1029			2	896.1	18.8	6.76			
			4	909.5	19.1	6.54			
	1040		6	911.9	19.3	6.30			
Static at Time Sampled			Total Gallons Purged			Sample Time			
15.62			6			1044			
Comments:									

GROUNDWATER SAMPLING FIELD NOTES

Technician: Baicho

Site: 5460

Project No.: 181816

Date: 3-8-11

Well No. U-1R

Purge Method: HB

Depth to Water (feet): 16.03

Depth to Product (feet):

Total Depth (feet): 24.60

LPH & Water Recovered (gallons):

Water Column (feet): 8.57

Casing Diameter (Inches): 2

80% Recharge Depth(feet): 17.74

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									
<u>1050</u>			<u>2</u>	<u>1056</u>	<u>18.4</u>	<u>6.20</u>			
			<u>4</u>	<u>1068</u>	<u>18.9</u>	<u>6.05</u>			
	<u>1102</u>		<u>6</u>	<u>1079</u>	<u>19.2</u>	<u>5.98</u>			
Static at Time Sampled			Total Gallons Purged			Sample Time			
<u>16.58</u>			<u>6</u>			<u>1109</u>			
Comments:									

Well No. _____

Purge Method: _____

Depth to Water (feet): _____

Depth to Product (feet): _____

Total Depth (feet): _____

LPH & Water Recovered (gallons): _____

Water Column (feet): _____

Casing Diameter (Inches): _____

80% Recharge Depth(feet): _____

1 Well Volume (gallons): _____

Time Start	Time Stop	Depth to Water (feet)	Volume Purged (gallons)	Conductivity (µS/cm)	Temperature (F. C)	pH	D.O. (mg/L)	ORP	Turbidity
Pre-Purge									
Static at Time Sampled			Total Gallons Purged			Sample Time			
Comments:									



Date of Report: 03/21/2011

Anju Farfan

TRC

123 Technology Drive
Irvine, CA 92618

RE: 5760
BC Work Order: 1103845
Invoice ID: B097334

Enclosed are the results of analyses for samples received by the laboratory on 3/8/2011. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Contact Person: Molly Meyers
Client Service Rep

Authorized Signature

Certifications: CA ELAP #1186; NV #CA00014



Table of Contents

Sample Information

Chain of Custody and Cooler Receipt form.....	3
Laboratory / Client Sample Cross Reference.....	5

Sample Results

1103845-01 - U-5	
Volatile Organic Analysis (EPA Method 8260).....	8
1103845-02 - U-6	
Volatile Organic Analysis (EPA Method 8260).....	9
1103845-03 - U-9	
Volatile Organic Analysis (EPA Method 8260).....	10
1103845-04 - U-7	
Volatile Organic Analysis (EPA Method 8260).....	11
1103845-05 - U-8	
Volatile Organic Analysis (EPA Method 8260).....	12
1103845-06 - U-3R	
Volatile Organic Analysis (EPA Method 8260).....	13
1103845-07 - U-1R	
Volatile Organic Analysis (EPA Method 8260).....	14

Quality Control Reports

Volatile Organic Analysis (EPA Method 8260)	
Method Blank Analysis.....	15
Laboratory Control Sample.....	16
Precision and Accuracy.....	17

Notes

Notes and Definitions.....	18
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Environmental Testing Laboratory Since 1949
BC Laboratories, Inc.

Chain of Custody and Cooler Receipt Form for 1103845 Page 1 of 2

CHK BY *[Signature]* DISTRIBUTION SUB-OUT

11-03845

BC LABORATORIES, INC.

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

CHAIN OF CUSTODY

Analysis Requested

Bill to: Conoco Phillips/ TRC		Consultant Firm: TRC		MATRIX <input checked="" type="checkbox"/> (GW) <input type="checkbox"/> Ground-water <input type="checkbox"/> (S) <input type="checkbox"/> Soil <input type="checkbox"/> (WW) <input type="checkbox"/> Waste-water <input type="checkbox"/> (SL) <input type="checkbox"/> Sludge	BTEX/MTBE by 8021B, Gas by 8015	TPH GAS by 8015M	TPH DIESEL by 8015	2260 2928 full list w/ oxygenates	BTEX/MTBE/OXYS BY 2260B	ETHANOL by 8260B	TPH by GC/MS <i>by GC/MS 8/26/11</i>	Turnaround Time Requested
Address: 376 Lewelling Blvd.		21 Technology Drive Irvine, CA 92618-2302 Attn: Anju Farfan										
City: San Lorenzo		4-digit site#: 5760										
State: CA Zip:		Workorder # 01468-4514546315										
Conoco Phillips Mgr: Ted Koix		Project #: 181816										
Sampler Name: Franbio												
Lab#	Sample Description	Field Point Name	Date & Time Sampled									
-1		U-5	3-8-11 0843	3					X	X	570	
-2		U-6	0900									
-3		U-9	0922									
-4		U-7	0950									
-5		U-8	1018									
-6		U-3R	1044						X	X		
-7		U-1R	1109						X	X		

Comments: GLOBAL ID: T0600101469	Relinquished by: (Signature) <i>[Signature]</i>	Received by: <i>[Signature]</i>	Date & Time: 3-8-11 1500
	Relinquished by: (Signature) <i>[Signature]</i> 3-8-11	Received by: <i>[Signature]</i>	Date & Time: 3-8-11 1810
	Relinquished by: (Signature) <i>[Signature]</i> 3-8-11 2140	Received by: <i>[Signature]</i>	Date & Time: 3/8/11 2140

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BC LABORATORIES INC. SAMPLE RECEIPT FORM Rev. No. 12 06/24/08 Page 1 of 1

Submission #: 11-03845

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

SHIPPING CONTAINER
 Ice Chest None
 Box Other (Specify) _____

Refrigerant: Ice Blue Ice None Other Comments: _____

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

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

COC Received
 YES NO

Emissivity: 0.95 Container: QA Thermometer ID: 103 Date/Time: 2-8-11 2211
 Temperature: A 1.3 °C / C 1.4 °C Analyst Init: JKN

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										
Tot. NITRATE / NITRITE										
PT TOTAL ORGANIC CARBON										
PT TOX										
PT CHEMICAL OXYGEN DEMAND										
PTA PHENOLICS										
40ml VOA VIAL TRAVEL BLANK										
40ml VOA VIAL										
QT EPA 413.1, 413.1-418.1										
PT ODOR										
RADIOLOGICAL										
BACTERIOLOGICAL										
40 ml VOA VIAL - 504										
QT EPA 504/608/880										
QT EPA 515.1/8150										
QT EPA 525										
QT EPA 525 TRAVEL BLANK										
100ml EPA 541										
100ml EPA 531.1										
QT EPA 548										
QT EPA 549										
QT EPA 631										
QT EPA 8015M										
QT AMBER										
8 OZ. JAR										
32 OZ. JAR										
SOIL SLEEVE										
PCB VIAL										
PLASTIC BAG										
FERROUS IRON										
ENCORE										

A3 A3 A3 A3 A3 A3 A3 A3

Comments: Sample Numbering Completed By: Can Date/Time: 2/9/11 1612
A = Actual / C = Corrected

[H:\DOC5\WPB3\LAB_DOC5\FORMS\SAMREC1.WPD]



TRC
123 Technology Drive
Irvine, CA 92618

Reported: 03/21/2011 13:12
Project: 5760
Project Number: 4514546315
Project Manager: Anju Farfan

Laboratory / Client Sample Cross Reference

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

1103845-01	COC Number: --- Project Number: 5760 Sampling Location: --- Sampling Point: U-5 Sampled By: TRCI	Receive Date: 03/08/2011 21:40 Sampling Date: 03/08/2011 08:43 Sample Depth: --- Lab Matrix: Water Sample Type: Water Delivery Work Order: Global ID: T0600101469 Location ID (FieldPoint): U-5 Matrix: W Sample QC Type (SACode): CS Cooler ID:
-------------------	---	---

1103845-02	COC Number: --- Project Number: 5760 Sampling Location: --- Sampling Point: U-6 Sampled By: TRCI	Receive Date: 03/08/2011 21:40 Sampling Date: 03/08/2011 09:00 Sample Depth: --- Lab Matrix: Water Sample Type: Water Delivery Work Order: Global ID: T0600101469 Location ID (FieldPoint): U-6 Matrix: W Sample QC Type (SACode): CS Cooler ID:
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1103845-03	COC Number: --- Project Number: 5760 Sampling Location: --- Sampling Point: U-9 Sampled By: TRCI	Receive Date: 03/08/2011 21:40 Sampling Date: 03/08/2011 09:22 Sample Depth: --- Lab Matrix: Water Sample Type: Water Delivery Work Order: Global ID: T0600101469 Location ID (FieldPoint): U-9 Matrix: W Sample QC Type (SACode): CS Cooler ID:
-------------------	---	---



TRC
123 Technology Drive
Irvine, CA 92618

Reported: 03/21/2011 13:12
Project: 5760
Project Number: 4514546315
Project Manager: Anju Farfan

Laboratory / Client Sample Cross Reference

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

1103845-04	COC Number: --- Project Number: 5760 Sampling Location: --- Sampling Point: U-7 Sampled By: TRCI	Receive Date: 03/08/2011 21:40 Sampling Date: 03/08/2011 09:50 Sample Depth: --- Lab Matrix: Water Sample Type: Water Delivery Work Order: Global ID: T0600101469 Location ID (FieldPoint): U-7 Matrix: W Sample QC Type (SACode): CS Cooler ID:
-------------------	---	---

1103845-05	COC Number: --- Project Number: 5760 Sampling Location: --- Sampling Point: U-8 Sampled By: TRCI	Receive Date: 03/08/2011 21:40 Sampling Date: 03/08/2011 10:18 Sample Depth: --- Lab Matrix: Water Sample Type: Water Delivery Work Order: Global ID: T0600101469 Location ID (FieldPoint): U-8 Matrix: W Sample QC Type (SACode): CS Cooler ID:
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1103845-06	COC Number: --- Project Number: 5760 Sampling Location: --- Sampling Point: U-3R Sampled By: TRCI	Receive Date: 03/08/2011 21:40 Sampling Date: 03/08/2011 10:44 Sample Depth: --- Lab Matrix: Water Sample Type: Water Delivery Work Order: Global ID: T0600101469 Location ID (FieldPoint): U-3R Matrix: W Sample QC Type (SACode): CS Cooler ID:
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TRC
123 Technology Drive
Irvine, CA 92618

Reported: 03/21/2011 13:12
Project: 5760
Project Number: 4514546315
Project Manager: Anju Farfan

Laboratory / Client Sample Cross Reference

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

1103845-07	COC Number: ---	Receive Date: 03/08/2011 21:40
	Project Number: 5760	Sampling Date: 03/08/2011 11:09
	Sampling Location: ---	Sample Depth: ---
	Sampling Point: U-1R	Lab Matrix: Water
	Sampled By: TRCI	Sample Type: Water
		Delivery Work Order:
		Global ID: T0600101469
		Location ID (FieldPoint): U-1R
		Matrix: W
		Sample QC Type (SACode): CS
		Cooler ID:



TRC
123 Technology Drive
Irvine, CA 92618

Reported: 03/21/2011 13:12
Project: 5760
Project Number: 4514546315
Project Manager: Anju Farfan

Volatile Organic Analysis (EPA Method 8260)

BCL Sample ID: 1103845-01	Client Sample Name: 5760, U-5, 3/8/2011 8:43:00AM
----------------------------------	--

Constituent	Result	Units	PQL	Method	MB Bias	Lab Quals	Run #
Benzene	ND	ug/L	0.50	EPA-8260	ND		1
1,2-Dibromoethane	ND	ug/L	0.50	EPA-8260	ND		1
1,2-Dichloroethane	ND	ug/L	0.50	EPA-8260	ND		1
Ethylbenzene	ND	ug/L	0.50	EPA-8260	ND		1
Methyl t-butyl ether	ND	ug/L	0.50	EPA-8260	ND		1
Toluene	ND	ug/L	0.50	EPA-8260	ND		1
Total Xylenes	ND	ug/L	1.0	EPA-8260	ND		1
t-Amyl Methyl ether	ND	ug/L	0.50	EPA-8260	ND		1
t-Butyl alcohol	ND	ug/L	10	EPA-8260	ND		1
Diisopropyl ether	ND	ug/L	0.50	EPA-8260	ND		1
Ethyl t-butyl ether	ND	ug/L	0.50	EPA-8260	ND		1
Total Purgeable Petroleum Hydrocarbons	ND	ug/L	50	Luft-GC/MS	ND		1
1,2-Dichloroethane-d4 (Surrogate)	102	%	76 - 114 (LCL - UCL)	EPA-8260			1
Toluene-d8 (Surrogate)	94.8	%	88 - 110 (LCL - UCL)	EPA-8260			1
4-Bromofluorobenzene (Surrogate)	99.6	%	86 - 115 (LCL - UCL)	EPA-8260			1

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID
1	EPA-8260	03/16/11	03/17/11 01:41	KEA	MS-V12	1	BUC1157

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TRC
123 Technology Drive
Irvine, CA 92618

Reported: 03/21/2011 13:12
Project: 5760
Project Number: 4514546315
Project Manager: Anju Farfan

Volatile Organic Analysis (EPA Method 8260)

BCL Sample ID: 1103845-02	Client Sample Name: 5760, U-6, 3/8/2011 9:00:00AM
----------------------------------	--

Constituent	Result	Units	PQL	Method	MB Bias	Lab Quals	Run #
Benzene	ND	ug/L	0.50	EPA-8260	ND		1
1,2-Dibromoethane	ND	ug/L	0.50	EPA-8260	ND		1
1,2-Dichloroethane	ND	ug/L	0.50	EPA-8260	ND		1
Ethylbenzene	ND	ug/L	0.50	EPA-8260	ND		1
Methyl t-butyl ether	ND	ug/L	0.50	EPA-8260	ND		1
Toluene	ND	ug/L	0.50	EPA-8260	ND		1
Total Xylenes	ND	ug/L	1.0	EPA-8260	ND		1
t-Amyl Methyl ether	ND	ug/L	0.50	EPA-8260	ND		1
t-Butyl alcohol	ND	ug/L	10	EPA-8260	ND		1
Diisopropyl ether	ND	ug/L	0.50	EPA-8260	ND		1
Ethyl t-butyl ether	ND	ug/L	0.50	EPA-8260	ND		1
Total Purgeable Petroleum Hydrocarbons	67	ug/L	50	Luft-GC/MS	ND		1
1,2-Dichloroethane-d4 (Surrogate)	106	%	76 - 114 (LCL - UCL)	EPA-8260			1
Toluene-d8 (Surrogate)	93.1	%	88 - 110 (LCL - UCL)	EPA-8260			1
4-Bromofluorobenzene (Surrogate)	98.3	%	86 - 115 (LCL - UCL)	EPA-8260			1

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID
1	EPA-8260	03/16/11	03/16/11 21:56	KEA	MS-V12	1	BUC1157

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TRC
123 Technology Drive
Irvine, CA 92618

Reported: 03/21/2011 13:12
Project: 5760
Project Number: 4514546315
Project Manager: Anju Farfan

Volatile Organic Analysis (EPA Method 8260)

BCL Sample ID: 1103845-03	Client Sample Name: 5760, U-9, 3/8/2011 9:22:00AM
----------------------------------	--

Constituent	Result	Units	PQL	Method	MB Bias	Lab Quals	Run #
Benzene	ND	ug/L	0.50	EPA-8260	ND		1
1,2-Dibromoethane	ND	ug/L	0.50	EPA-8260	ND		1
1,2-Dichloroethane	ND	ug/L	0.50	EPA-8260	ND		1
Ethylbenzene	ND	ug/L	0.50	EPA-8260	ND		1
Methyl t-butyl ether	ND	ug/L	0.50	EPA-8260	ND		1
Toluene	ND	ug/L	0.50	EPA-8260	ND		1
Total Xylenes	ND	ug/L	1.0	EPA-8260	ND		1
t-Amyl Methyl ether	ND	ug/L	0.50	EPA-8260	ND		1
t-Butyl alcohol	ND	ug/L	10	EPA-8260	ND		1
Diisopropyl ether	ND	ug/L	0.50	EPA-8260	ND		1
Ethyl t-butyl ether	ND	ug/L	0.50	EPA-8260	ND		1
Total Purgeable Petroleum Hydrocarbons	ND	ug/L	50	Luft-GC/MS	ND		1
1,2-Dichloroethane-d4 (Surrogate)	105	%	76 - 114 (LCL - UCL)	EPA-8260			1
Toluene-d8 (Surrogate)	93.2	%	88 - 110 (LCL - UCL)	EPA-8260			1
4-Bromofluorobenzene (Surrogate)	97.9	%	86 - 115 (LCL - UCL)	EPA-8260			1

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID
1	EPA-8260	03/16/11	03/16/11 21:37	KEA	MS-V12	1	BUC1157

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TRC
123 Technology Drive
Irvine, CA 92618

Reported: 03/21/2011 13:12
Project: 5760
Project Number: 4514546315
Project Manager: Anju Farfan

Volatile Organic Analysis (EPA Method 8260)

BCL Sample ID: 1103845-04	Client Sample Name: 5760, U-7, 3/8/2011 9:50:00AM
----------------------------------	--

Constituent	Result	Units	PQL	Method	MB Bias	Lab Quals	Run #
Benzene	ND	ug/L	0.50	EPA-8260	ND		1
1,2-Dibromoethane	ND	ug/L	0.50	EPA-8260	ND		1
1,2-Dichloroethane	ND	ug/L	0.50	EPA-8260	ND		1
Ethylbenzene	ND	ug/L	0.50	EPA-8260	ND		1
Methyl t-butyl ether	ND	ug/L	0.50	EPA-8260	ND		1
Toluene	ND	ug/L	0.50	EPA-8260	ND		1
Total Xylenes	ND	ug/L	1.0	EPA-8260	ND		1
t-Amyl Methyl ether	ND	ug/L	0.50	EPA-8260	ND		1
t-Butyl alcohol	ND	ug/L	10	EPA-8260	ND		1
Diisopropyl ether	ND	ug/L	0.50	EPA-8260	ND		1
Ethyl t-butyl ether	ND	ug/L	0.50	EPA-8260	ND		1
Total Purgeable Petroleum Hydrocarbons	ND	ug/L	50	Luft-GC/MS	ND		1
1,2-Dichloroethane-d4 (Surrogate)	112	%	76 - 114 (LCL - UCL)	EPA-8260			1
Toluene-d8 (Surrogate)	93.7	%	88 - 110 (LCL - UCL)	EPA-8260			1
4-Bromofluorobenzene (Surrogate)	98.7	%	86 - 115 (LCL - UCL)	EPA-8260			1

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID
1	EPA-8260	03/16/11	03/16/11 21:19	KEA	MS-V12	1	BUC1157

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TRC
123 Technology Drive
Irvine, CA 92618

Reported: 03/21/2011 13:12
Project: 5760
Project Number: 4514546315
Project Manager: Anju Farfan

Volatile Organic Analysis (EPA Method 8260)

BCL Sample ID: 1103845-05	Client Sample Name: 5760, U-8, 3/8/2011 10:18:00AM
----------------------------------	---

Constituent	Result	Units	PQL	Method	MB Bias	Lab Quals	Run #
Benzene	ND	ug/L	0.50	EPA-8260	ND		1
1,2-Dibromoethane	ND	ug/L	0.50	EPA-8260	ND		1
1,2-Dichloroethane	ND	ug/L	0.50	EPA-8260	ND		1
Ethylbenzene	ND	ug/L	0.50	EPA-8260	ND		1
Methyl t-butyl ether	ND	ug/L	0.50	EPA-8260	ND		1
Toluene	ND	ug/L	0.50	EPA-8260	ND		1
Total Xylenes	ND	ug/L	1.0	EPA-8260	ND		1
t-Amyl Methyl ether	ND	ug/L	0.50	EPA-8260	ND		1
t-Butyl alcohol	ND	ug/L	10	EPA-8260	ND		1
Diisopropyl ether	ND	ug/L	0.50	EPA-8260	ND		1
Ethyl t-butyl ether	ND	ug/L	0.50	EPA-8260	ND		1
Total Purgeable Petroleum Hydrocarbons	ND	ug/L	50	Luft-GC/MS	ND		1
1,2-Dichloroethane-d4 (Surrogate)	104	%	76 - 114 (LCL - UCL)	EPA-8260			1
Toluene-d8 (Surrogate)	95.6	%	88 - 110 (LCL - UCL)	EPA-8260			1
4-Bromofluorobenzene (Surrogate)	100	%	86 - 115 (LCL - UCL)	EPA-8260			1

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID
1	EPA-8260	03/16/11	03/16/11 21:00	KEA	MS-V12	1	BUC1157

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TRC
123 Technology Drive
Irvine, CA 92618

Reported: 03/21/2011 13:12
Project: 5760
Project Number: 4514546315
Project Manager: Anju Farfan

Volatile Organic Analysis (EPA Method 8260)

BCL Sample ID: 1103845-06	Client Sample Name: 5760, U-3R, 3/8/2011 10:44:00AM
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Constituent	Result	Units	PQL	Method	MB Bias	Lab Quals	Run #
Benzene	ND	ug/L	0.50	EPA-8260	ND		1
1,2-Dibromoethane	ND	ug/L	0.50	EPA-8260	ND		1
1,2-Dichloroethane	ND	ug/L	0.50	EPA-8260	ND		1
Ethylbenzene	ND	ug/L	0.50	EPA-8260	ND		1
Methyl t-butyl ether	ND	ug/L	0.50	EPA-8260	ND		1
Toluene	ND	ug/L	0.50	EPA-8260	ND		1
Total Xylenes	ND	ug/L	1.0	EPA-8260	ND		1
t-Amyl Methyl ether	ND	ug/L	0.50	EPA-8260	ND		1
t-Butyl alcohol	ND	ug/L	10	EPA-8260	ND		1
Diisopropyl ether	ND	ug/L	0.50	EPA-8260	ND		1
Ethanol	ND	ug/L	250	EPA-8260	ND		1
Ethyl t-butyl ether	ND	ug/L	0.50	EPA-8260	ND		1
Total Purgeable Petroleum Hydrocarbons	ND	ug/L	50	Luft-GC/MS	ND		1
1,2-Dichloroethane-d4 (Surrogate)	103	%	76 - 114 (LCL - UCL)	EPA-8260			1
Toluene-d8 (Surrogate)	94.0	%	88 - 110 (LCL - UCL)	EPA-8260			1
4-Bromofluorobenzene (Surrogate)	100	%	86 - 115 (LCL - UCL)	EPA-8260			1

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID
1	EPA-8260	03/16/11	03/16/11 20:41	KEA	MS-V12	1	BUC1157



TRC
123 Technology Drive
Irvine, CA 92618

Reported: 03/21/2011 13:12
Project: 5760
Project Number: 4514546315
Project Manager: Anju Farfan

Volatile Organic Analysis (EPA Method 8260)

BCL Sample ID: 1103845-07	Client Sample Name: 5760, U-1R, 3/8/2011 11:09:00AM
----------------------------------	--

Constituent	Result	Units	PQL	Method	MB Bias	Lab Quals	Run #
Benzene	ND	ug/L	6.2	EPA-8260	ND	A01	1
1,2-Dibromoethane	ND	ug/L	6.2	EPA-8260	ND	A01	1
1,2-Dichloroethane	ND	ug/L	6.2	EPA-8260	ND	A01	1
Ethylbenzene	750	ug/L	6.2	EPA-8260	ND	A01	1
Methyl t-butyl ether	ND	ug/L	6.2	EPA-8260	ND	A01	1
Toluene	ND	ug/L	6.2	EPA-8260	ND	A01	1
Total Xylenes	270	ug/L	12	EPA-8260	ND	A01	1
t-Amyl Methyl ether	ND	ug/L	6.2	EPA-8260	ND	A01	1
t-Butyl alcohol	ND	ug/L	120	EPA-8260	ND	A01	1
Diisopropyl ether	ND	ug/L	6.2	EPA-8260	ND	A01	1
Ethanol	ND	ug/L	3100	EPA-8260	ND	A01	1
Ethyl t-butyl ether	ND	ug/L	6.2	EPA-8260	ND	A01	1
Total Purgeable Petroleum Hydrocarbons	6000	ug/L	620	Luft-GC/MS	ND	A01	1
1,2-Dichloroethane-d4 (Surrogate)	102	%	76 - 114 (LCL - UCL)	EPA-8260			1
Toluene-d8 (Surrogate)	91.9	%	88 - 110 (LCL - UCL)	EPA-8260			1
4-Bromofluorobenzene (Surrogate)	99.6	%	86 - 115 (LCL - UCL)	EPA-8260			1

Run #	Method	Prep Date	Run Date/Time	Analyst	Instrument	Dilution	QC Batch ID
1	EPA-8260	03/16/11	03/17/11 12:39	KEA	MS-V12	12.500	BUC1157

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TRC
123 Technology Drive
Irvine, CA 92618

Reported: 03/21/2011 13:12
Project: 5760
Project Number: 4514546315
Project Manager: Anju Farfan

Volatile Organic Analysis (EPA Method 8260)

Quality Control Report - Method Blank Analysis

Constituent	QC Sample ID	MB Result	Units	PQL	MDL	Lab Quals
QC Batch ID: BUC1157						
Benzene	BUC1157-BLK1	ND	ug/L	0.50		
1,2-Dibromoethane	BUC1157-BLK1	ND	ug/L	0.50		
1,2-Dichloroethane	BUC1157-BLK1	ND	ug/L	0.50		
Ethylbenzene	BUC1157-BLK1	ND	ug/L	0.50		
Methyl t-butyl ether	BUC1157-BLK1	ND	ug/L	0.50		
Toluene	BUC1157-BLK1	ND	ug/L	0.50		
Total Xylenes	BUC1157-BLK1	ND	ug/L	1.0		
t-Amyl Methyl ether	BUC1157-BLK1	ND	ug/L	0.50		
t-Butyl alcohol	BUC1157-BLK1	ND	ug/L	10		
Diisopropyl ether	BUC1157-BLK1	ND	ug/L	0.50		
Ethanol	BUC1157-BLK1	ND	ug/L	250		
Ethyl t-butyl ether	BUC1157-BLK1	ND	ug/L	0.50		
Total Purgeable Petroleum Hydrocarbons	BUC1157-BLK1	ND	ug/L	50		
1,2-Dichloroethane-d4 (Surrogate)	BUC1157-BLK1	104	%	76 - 114 (LCL - UCL)		
Toluene-d8 (Surrogate)	BUC1157-BLK1	95.2	%	88 - 110 (LCL - UCL)		
4-Bromofluorobenzene (Surrogate)	BUC1157-BLK1	102	%	86 - 115 (LCL - UCL)		



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Volatile Organic Analysis (EPA Method 8260)

Quality Control Report - Laboratory Control Sample

Constituent	QC Sample ID	Type	Result	Spike Level	Units	Percent Recovery	RPD	Control Limits		Lab
								Percent Recovery	RPD	
QC Batch ID: BUC1157										
Benzene	BUC1157-BS1	LCS	22.090	25.000	ug/L	88.4		70 - 130		
Toluene	BUC1157-BS1	LCS	22.220	25.000	ug/L	88.9		70 - 130		
1,2-Dichloroethane-d4 (Surrogate)	BUC1157-BS1	LCS	10.110	10.000	ug/L	101		76 - 114		
Toluene-d8 (Surrogate)	BUC1157-BS1	LCS	9.9300	10.000	ug/L	99.3		88 - 110		
4-Bromofluorobenzene (Surrogate)	BUC1157-BS1	LCS	10.070	10.000	ug/L	101		86 - 115		



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Volatile Organic Analysis (EPA Method 8260)

Quality Control Report - Precision & Accuracy

Constituent	Type	Source Sample ID	Source Result	Result	Spike Added	Units	RPD	Percent		Lab Quals
								Recovery	RPD	
QC Batch ID: BUC1157		Used client sample: N								
Benzene	MS	1103831-03	ND	23.430	25.000	ug/L		93.7		70 - 130
	MSD	1103831-03	ND	26.170	25.000	ug/L	11.0	105	20	70 - 130
Toluene	MS	1103831-03	ND	23.680	25.000	ug/L		94.7		70 - 130
	MSD	1103831-03	ND	26.750	25.000	ug/L	12.2	107	20	70 - 130
1,2-Dichloroethane-d4 (Surrogate)	MS	1103831-03	ND	9.9100	10.000	ug/L		99.1		76 - 114
	MSD	1103831-03	ND	9.9400	10.000	ug/L	0.3	99.4		76 - 114
Toluene-d8 (Surrogate)	MS	1103831-03	ND	9.9800	10.000	ug/L		99.8		88 - 110
	MSD	1103831-03	ND	9.9500	10.000	ug/L	0.3	99.5		88 - 110
4-Bromofluorobenzene (Surrogate)	MS	1103831-03	ND	10.040	10.000	ug/L		100		86 - 115
	MSD	1103831-03	ND	9.8400	10.000	ug/L	2.0	98.4		86 - 115



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Notes And Definitions

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

STATEMENTS

Purge Water Disposal

Non-hazardous groundwater produced during purging and sampling of monitoring wells is accumulated at TRC's groundwater monitoring field office at Concord, California, for transportation by a licensed carrier to an authorized disposal facility. Currently, non-hazardous purge water is transported under a bulk non-hazardous waste manifest to Crosby and Overton, Inc. in Long Beach, California.

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.