



76 Broadway  
Sacramento, California 95818

**RECEIVED**

1:16 pm, Dec 31, 2008

Alameda County  
Environmental Health

December 29, 2008

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

Re: **Report Transmittal  
Semi Annual Summary Report  
Second Quarter 2008 through Third Quarter 2008  
76 Service Station #5430  
1935 Washington Avenue  
San Leandro, California  
Loc Case #: RO0000443**

Dear Ms. Jakub:

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

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

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

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

Sincerely,

Eric G. Hetrick  
Site Manager  
Risk Management & Remediation

Attachment

December 29, 2008

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

RE: **Semi-Annual Summary Report – Second Quarter  
2008 through Third Quarter 2008**

Dear Ms. Jakub:



On behalf of ConocoPhillips (COP), Delta Consultants is submitting this *Semi-Annual Summary Report – April 2008 through September 2008* and forwarding a copy of TRC Solutions, Inc. (TRC's) *Semi-Annual Monitoring Report April 2008 through September 2008*, dated September 26, 2008, for the following location:

**Service Station**

76 Service Station No. 5430

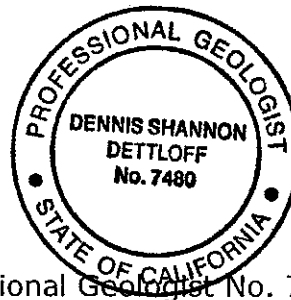
**Location**

1935 Washington Ave.  
San Leandro, California

Sincerely,  
**Delta Consultants**

A handwritten signature in black ink that reads "Dennis S. Dettloff".

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



cc: Mr. Ted Moise, ConocoPhillips (electronic copy)

**SEMI-ANNUAL SUMMARY REPORT**  
**Second Quarter 2008 through Third Quarter 2008**  
**76 Service Station No. 5430**  
**1935 Washington Avenue**  
**San Leandro, California**

**PREVIOUS ASSESSMENT**

The Site has been an active service station since 1965. Unocal files indicate a product line leak occurred in June of 1976 and that one of the original underground gasoline tanks (USTs) failed a precision test in October 1981. In December 1981, the two original steel gasoline USTs were replaced with two fiberglass USTs.

In August, 1993 five exploratory soil borings (U-A through U-E) were advanced and three on-site groundwater monitoring wells (U-1 through U-3) were installed. This investigation is documented in a *Soil and Groundwater Investigation Report* prepared by Pacific Environmental Group (PEG), dated December 2, 1993.

In February, 1995 four additional monitoring wells were installed. Three monitoring wells were installed on-site (U-4 through U-6) and one was installed off-site (U-7). This installation is documented in a *Soil and Groundwater Investigation Report* prepared by PEG, dated June 21, 1995.

In July, 1997 three direct-push borings were advanced on the property to the south of the 76 Station. The results of this investigation are documented in a *Soil and Groundwater Investigation* report prepared by PEG dated September 11, 1997. Based on the findings of that investigation, the southern extent of hydrocarbon impact to groundwater was considered assessed.

In July and August 1998 the product dispensers and associated underground product piping were replaced. Additionally, the waste-oil UST was replaced with an above-ground waste oil storage tank. A total of 50 cubic yards of soil was over-excavated and removed from the site.

In September 2005, Delta became the new consultant for the site.

In February 2007, Delta requested Morrow Surveying survey the site and based on the survey data obtained from Mission Engineers, Inc. the location of missing monitoring well U-5. Subsequent to this Delta returned to the site using a metal detector attempted to locate monitoring well U-5. This search for monitoring well was unsuccessful at the monitoring well was not located.

In June 2007, TRC excavated the an area approximately 2 feet wide by 2 feet long by 2 feet deep where monitoring well U-5 was surveyed by Morrow Surveying. TRC was unable to locate the monitoring well during this excavation work.

**SENSITIVE RECEPTOR SURVEY**

In May 1998, a well search was conducted by PEG reported three private domestic wells, nine irrigation wells, and twelve monitoring wells within a one-half mile radius of the site. The results of this well search are documented in an *Offsite Research and Sensitive Receptor Survey* prepared by PEG dated June 10, 1998.

In August 2006, Delta submitted a Public Health Questionnaire presenting specific queries regarding the presence of sensitive was mailed to property owners within 1,000 feet of the site. Based on the data obtained by the returned questionnaires no drinking water supply wells are present on any of the respondent properties. Three properties have sumps used for irrigation purposes and a basement is present on one property.

As the plume is assessed and stable within on-site boundaries there appears to be no risk to any of these potential receptors due to gasoline in soil/groundwater at the site.

Delta also reviewed the public records of the Department of Water Resources (DWR) to prepare a list of potential parcel numbers, property owner's names, and property addresses of potential receptors within a one-mile radius of the site. Questionnaires were mailed to six addresses on June 1, 2006. Delta did not receive responses to this mailing.

Based on the United States Geological Survey Topographic Map for this area (San Leandro quadrangle, 1967), the nearest surface water body is San Leandro Creek located approximately 3,000 feet northwest of the site.

Delta personnel searched for nearby schools, daycare centers, and hospitals within a 1,000-foot radius of the site. No hospitals, daycare centers or schools were identified.

## **MONITORING AND SAMPLING**

The site has been monitored and sampled since the third quarter 1993. Quarterly monitoring and sampling was conducted until September 1996 when the sampling interval changed to semi-annual. The monitoring and sampling frequency continues to be semi-annual and is conducted during the first and third quarters.

There are currently six on-site groundwater monitoring wells and one off-site groundwater monitoring well in use at the site. Monitoring well U-5 has been paved over and therefore inaccessible since the third quarter 2004.

Samples collected from the monitoring wells are analyzed for total purgeable petroleum hydrocarbons (TPPH), benzene, toluene, ethyl-benzene, and total xylenes (BTEX), and methyl tertiary butyl ether (MTBE by Environmental Protection Agency (EPA) Method 8260. In addition, groundwater samples are collected from monitoring wells U-1, U-3, and U-7 and analyzed for volatile organic compounds by EPA Method 8260. TRC has been retained to perform the monitoring and sampling. A copy of TRC's *Semi-Annual Monitoring Report - April through September 2008*, dated September 26, 2008, and has been forwarded with this report.

During the most recent groundwater monitoring event, conducted on September 2, 2008, the depth to groundwater ranged from 31.40 feet (U-7) to 32.80 feet (U-1) below top of casing (TOC). The groundwater flow direction was interpreted to be to the south-southwest with a gradient of 0.04 foot per foot (ft/ft). This is consistent with the previous quarterly sampling event when the groundwater flow direction was interpreted to be to the south with a gradient of 0.005 ft/ft. Historic groundwater flow directions presented as a rose diagram included as Attachment A.

**Contaminants of Concern:**

- **TPPH:** TPPH was above the laboratory's indicated reporting limits in the groundwater samples collected and submitted for analysis from monitoring wells U-3 and U-6 at concentrations of 400 micrograms per liter ( $\mu\text{g/L}$ ) and 1,000  $\mu\text{g/L}$ , respectively during the current sampling event.
- **Benzene:** Benzene was below the laboratory's indicated reporting limit in each of the groundwater samples collected and submitted for analysis from the monitoring wells purged and sampled during the current sampling event.
- **MTBE:** MTBE was above the laboratory's indicated reporting limits in the groundwater samples collected and submitted for analysis from monitoring wells U-2, U-3, and U-6 at concentrations of 0.66  $\mu\text{g/L}$ , 0.76  $\mu\text{g/L}$ , and 1.2  $\mu\text{g/L}$ , respectively during the current sampling event.

Ethyl-benzene was above the laboratory's indicated reporting limits in the groundwater samples collected and submitted for analysis from monitoring wells U-3 and U-6 at concentrations of 0.77  $\mu\text{g/L}$  and 1.9  $\mu\text{g/L}$ , respectively during the current sampling event. Chloroform was above the laboratory's indicated reporting limits in the groundwater sample collected and submitted for analysis from monitoring well U-7 at a concentration of 0.66  $\mu\text{g/L}$  during the current sampling event. With the exception of the constituents listed above, all other constituents tested were below the laboratory's indicated reporting limits the groundwater samples collected and submitted for analysis from the three monitoring wells during the third quarter 2008 sampling event.

**CHARACTERIZATION STATUS**

Based on data collected during previous investigations the extent of the petroleum hydrocarbon impact in the soil beneath the site has been assessed.

Based on data collected during groundwater monitoring activities at the site it appears that dissolved phase petroleum hydrocarbon concentrations in the groundwater are considered stable. During the most recent groundwater monitoring event benzene was below the laboratory's indicated reporting limits in each of the groundwater samples collected and submitted for analysis. In addition, MTBE was below the State of California drinking water standards, Secondary Maximum Contaminant Level (MCL) of 5.0  $\mu\text{g/L}$ . Based on the data from the previous investigations at the site as well as from semi-annual groundwater monitoring TPHg is undefined down-gradient of monitoring well U-6. Therefore, Delta recommends that a work plan be prepared for additional assessment down-gradient of monitoring well U-6.

In addition, based on the sensitive receptor survey conducted by Delta in August 2006, there are currently no sensitive receptors within 1,000 feet down-gradient of the site.

**RECENT CORRESPONDENCE**

No regulatory correspondence was sent or received during this reporting period.

**ACTIVITIES CONDUCTED (Second Quarter 2008 through Third Quarter 2008)**

1. TRC conducted the semi-annual monitoring and sampling event on September 2, 2008.

**NEXT SEMI-ANNUAL PERIOD'S ACTIVITIES (Fourth Quarter 2008 through First Quarter 2009)**

1. TRC will conduct the semi-annual monitoring and sampling event at the site.

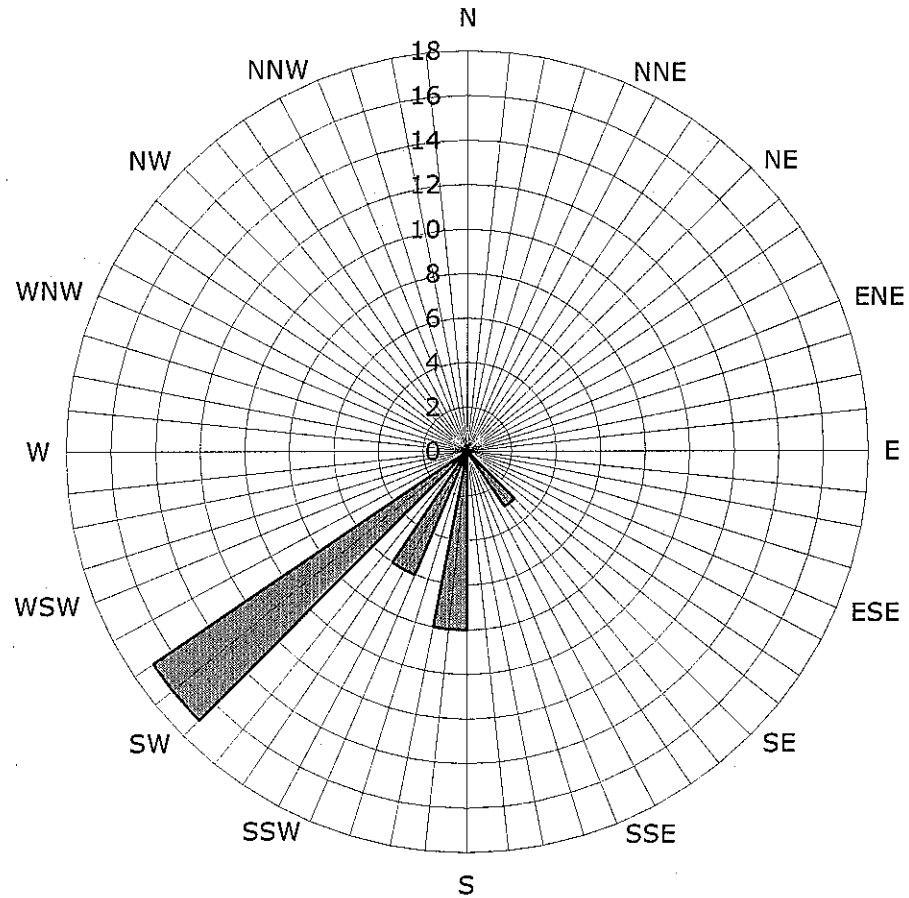
**CONSULTANT:** Delta Consultants

Attachment A – Historic Groundwater Flow Directions

**Attachment A**

***Historic Groundwater Flow Directions***

**Historic Groundwater Flow Directions**  
**ConocoPhillips Site No. 5430**  
1935 Washington Avenue  
San Leandro, California



Legend  
Concentric circles represent  
quarterly monitoring events  
Fourth Quarter 1993  
through Third Quarter 2008  
34 data points shown

Groundwater Flow Direction





21 Technology Drive  
Irvine, CA 92618

949.727.9336 PHONE  
949.727.7399 FAX

www.TRCSolutions.com

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OCT 06 2008

DATE: September 26, 2008

TO: ConocoPhillips Company  
76 Broadway  
Sacramento, CA 95818

ATTN: MR. TED MOISE

SITE: 76 STATION 5430  
1935 WASHINGTON AVENUE  
SAN LEANDRO, CALIFORNIA

RE: SEMI-ANNUAL MONITORING REPORT  
APRIL THROUGH SEPTEMBER 2008

Dear Mr. Moise:

Please find enclosed our Semi-Annual Monitoring Report for 76 Station 5430, located at 1935 Washington Blvd., San Leandro, California. If you have any questions regarding this report, please call us at (949) 727-9336.

Sincerely,

TRC

Anju Farfan  
Groundwater Program Operations Manager

CC: Mr. Dennis Dettloff, Delta Environmental (1 copy)

Enclosures  
20-0400/5430R12.QMS

**SEMI-ANNUAL MONITORING REPORT  
APRIL THROUGH SEPTEMBER 2008**

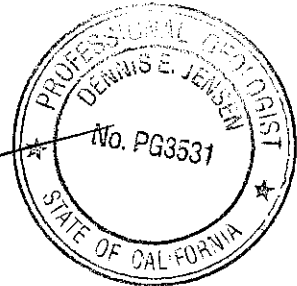
76 STATION 5430  
1935 Washington Avenue  
San Leandro, California

Prepared For:

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

By:

*Dennis E. Jensen*  
Senior Project Geologist, Irvine Operations



Date: 9/23/08



## LIST OF ATTACHMENTS

Summary Sheet	Summary of Gauging and Sampling Activities
Tables	<p>Table Key</p> <p>Contents of Tables</p> <p>Table 1: Current Fluid Levels and Selected Analytical Results</p> <p>Table 1a: Additional Current Analytical Results</p> <p>Table 1b: Additional Current Analytical Results</p> <p>Table 1c: Additional Current Analytical Results</p> <p>Table 2: Historic Fluid Levels and Selected Analytical Results</p> <p>Table 2a: Additional Historic Analytical Results</p> <p>Table 2b: Additional Historic Analytical Results</p> <p>Table 2c: Additional Historic Analytical Results</p> <p>Table 2d: Additional Historic Analytical Results</p>
Figures	<p>Figure 1: Vicinity Map</p> <p>Figure 2: Groundwater Elevation Contour Map</p> <p>Figure 3: Dissolved-Phase TPH-G Concentration Map</p> <p>Figure 4: Dissolved-Phase Benzene Concentration Map</p> <p>Figure 5: Dissolved-Phase MTBE Concentration Map</p>
Graphs	<p>Groundwater Elevations vs. Time</p> <p>Benzene Concentrations vs. Time</p>
Field Activities	<p>General Field Procedures</p> <p>Field Monitoring Data Sheet – 09/02/08</p> <p>Groundwater Sampling Field Notes – 09/02/08</p> <p>Statement of Non-Completion – 09/02/08</p>
Laboratory Reports	<p>Official Laboratory Reports</p> <p>Quality Control Reports</p> <p>Chain of Custody Records</p>
Statements	<p>Purge Water Disposal</p> <p>Limitations</p>

**Summary of Gauging and Sampling Activities**  
**April 2008 through September 2008**  
**76 Station 5430**  
**1935 Washington Avenue**  
**San Leandro, CA**

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

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

Date(s) of Gauging/Sampling Event: **09/02/08**

**Sample Points**

Groundwater wells: **6** onsite, **1** offsite      Points gauged: **6**      Points sampled: **6**

Purging method: **Bailer**

Purge water disposal: **Veolia/Rodeo Unit 100**

Other Sample Points: **0**      Type: --

**Liquid Phase Hydrocarbons (LPH)**

Sample Points with LPH: **0**      Maximum thickness (feet): --

LPH removal frequency: --      Method: --

Treatment or disposal of water/LPH: --

**Hydrogeologic Parameters**

Depth to groundwater (below TOC):      Minimum: **31.4 feet**      Maximum: **32.8 feet**

Average groundwater elevation (relative to available local datum): **25.88 feet**

Average change in groundwater elevation since previous event: **-1.98 feet**

Interpreted groundwater gradient and flow direction:

Current event: **0.04 ft/ft, south**

Previous event: **0.005 ft/ft, south (01/10/08)**

**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: **1,000 µg/l (U-6)**

Sample Points with **MTBE 8260B** **3**      Maximum: **1.2 µg/l (U-6)**

**Notes:**

U-5=Paved over

# TABLES

## TABLE KEY

### STANDARD ABBREVIATIONS

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

### ANALYTES

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

### NOTES

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

### REFERENCE

TRC began groundwater monitoring and sampling for 76 Station 5430 in October 2003. Historical data compiled prior to that time were provided by Gettler-Ryan Inc.



**Table 1**  
**CURRENT FLUID LEVELS AND SELECTED ANALYTICAL RESULTS**  
**September 2, 2008**  
**76 Station 5430**

Date Sampled	TOC Elevation (feet)	Depth to Water (feet)	LPH Thickness (feet)	Ground-water Elevation (feet)	Change in Elevation (feet)	TPH-G (8015M) (µg/l)	TPH-G (GC/MS) (µg/l)	Benzene (µg/l)	Toluene (µg/l)	Ethyl-benzene (µg/l)	Total Xylenes (µg/l)	MTBE (8021B) (µg/l)	MTBE (8260B) (µg/l)	Comments
U-1				<b>(Screen Interval in feet: 20.0-40.0)</b>										
09/02/08	58.45	32.80	0.00	25.65	-1.84	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<0.50	
U-2				<b>(Screen Interval in feet: 20.0-40.0)</b>										
09/02/08	57.63	31.70	0.00	25.93	-2.10	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	0.66	
U-3				<b>(Screen Interval in feet: 20.0-40.0)</b>										
09/02/08	57.59	31.65	0.00	25.94	-2.00	--	400	ND<0.50	ND<0.50	0.77	ND<1.0	--	0.76	
U-4				<b>(Screen Interval in feet: 25.0-40.0)</b>										
09/02/08	57.74	31.87	0.00	25.87	-2.14	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<0.50	
U-5				<b>(Screen Interval in feet: 25.0-40.0)</b>										
09/02/08	--	--	--	--	--	--	--	--	--	--	--	--	--	Paved over
U-6				<b>(Screen Interval in feet: 25.0-40.0)</b>										
09/02/08	58.13	32.30	0.00	25.83	-1.80	--	1000	ND<0.50	ND<0.50	1.9	ND<1.0	--	1.2	
U-7				<b>(Screen Interval in feet: 25.0-40.0)</b>										
09/02/08	57.45	31.40	0.00	26.05	-2.01	--	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 5430**

Date Sampled	1,2-DCA (EDC) (µg/l)	Bromo-dichloro-methane (µg/l)	Bromo-form (µg/l)	Bromo-methane (µg/l)	Carbon Tetra-chloride (µg/l)	Chloro-benzene (µg/l)	Chloro-ethane (µg/l)	Chloroform (µg/l)	Chloro-methane (µg/l)	Dibromo-chloro-methane (µg/l)	1,2-Dichloro-benzene (µg/l)	1,3-Dichloro-benzene (µg/l)
U-1 09/02/08	ND<0.50	ND<0.50	ND<0.50	ND<1.0	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50
U-3 09/02/08	ND<0.50	ND<0.50	ND<0.50	ND<1.0	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50
U-7 09/02/08	ND<0.50	ND<0.50	ND<0.50	ND<1.0	ND<0.50	ND<0.50	ND<0.50	0.66	ND<0.50	ND<0.50	ND<0.50	ND<0.50

**Table 1 b**  
**ADDITIONAL CURRENT ANALYTICAL RESULTS**  
**76 Station 5430**

Date Sampled	1,4-Dichlorobenzene (µg/l)	Dichlorodifluoromethane (µg/l)	1,1-DCA (µg/l)	1,1-DCE (µg/l)	cis-1,2-DCE (µg/l)	trans-1,2-DCE (µg/l)	1,2-Dichloropropane (µg/l)	cis-1,3-Dichloropropene (µg/l)	trans-1,3-Dichloropropene (µg/l)	Methylene chloride (µg/l)	1,1,2,2-Tetrachloroethane (µg/l)	Tetrachloroethene (PCE) (µg/l)
<b>U-1</b> 09/02/08	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	ND<0.50	ND<0.50
<b>U-3</b> 09/02/08	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	ND<0.50	ND<0.50
<b>U-7</b> 09/02/08	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	ND<0.50	ND<0.50

**Table 1 c**  
**ADDITIONAL CURRENT ANALYTICAL RESULTS**  
**76 Station 5430**

Date Sampled	Trichloro-trifluoroethane (µg/l)	1,1,1-Trichloroethane (µg/l)	1,1,2-Trichloroethane (µg/l)	Trichloroethene (TCE) (µg/l)	Trichlorofluoromethane (µg/l)	Vinyl chloride (µg/l)
U-1 09/02/08	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50
U-3 09/02/08	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50
U-7 09/02/08	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50

**Table 2**  
**HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS**  
**August 1993 Through September 2008**  
**76 Station 5430**

Date Sampled	TOC Elevation (feet)	Depth to Water (feet)	LPH Thickness (feet)	Ground-water Elevation (feet)	Change in Elevation (feet)	TPH-G (8015M) (µg/l)	TPH-G (GC/MS) (µg/l)	Benzene (µg/l)	Toluene (µg/l)	Ethyl-benzene (µg/l)	Total Xylenes (µg/l)	MTBE (8021B) (µg/l)	MTBE (8260B) (µg/l)	Comments
			<b>(Screen Interval in feet: 20.0-40.0)</b>											
U-1														
08/13/93	56.58	31.60	0.00	24.98	--	310	--	0.84	ND	2.6	1.0	--	--	
09/07/93	56.58	31.60	0.00	24.98	0.00	--	--	--	--	--	--	--	--	
12/16/93	56.10	33.19	0.00	22.91	-2.07	ND	--	ND	ND	ND	ND	--	--	
01/13/94	56.10	33.06	0.00	23.04	0.13	--	--	--	--	--	--	--	--	
02/09/94	56.10	32.70	0.00	23.40	0.36	--	--	--	--	--	--	--	--	
03/25/94	56.10	31.07	0.00	25.03	1.63	58	--	0.63	0.79	ND	0.65	--	--	
05/18/94	56.10	31.76	0.00	24.34	-0.69	--	--	--	--	--	--	--	--	
06/19/94	56.10	32.26	0.00	23.84	-0.50	51	--	ND	1.4	ND	2.7	--	--	
07/27/94	56.10	33.07	0.00	23.03	-0.81	--	--	--	--	--	--	--	--	
08/18/94	56.10	33.50	0.00	22.60	-0.43	--	--	--	--	--	--	--	--	
09/15/94	56.10	33.93	0.00	22.17	-0.43	ND	--	0.5	0.85	ND	0.77	--	--	
10/11/94	56.10	33.25	0.00	22.85	0.68	--	--	--	--	--	--	--	--	
11/08/94	56.10	34.05	0.00	22.05	-0.80	--	--	--	--	--	--	--	--	
12/06/94	56.10	32.37	0.00	23.73	1.68	ND	--	ND	ND	ND	ND	--	--	
01/10/95	56.10	31.29	0.00	24.81	1.08	--	--	--	--	--	--	--	--	
03/14/95	56.09	27.86	0.00	28.23	3.42	380	--	20	ND	ND	10	--	--	
06/20/95	56.09	28.20	0.00	27.89	-0.34	500	--	50	ND	ND	4.4	--	--	
09/18/95	56.09	30.65	0.00	25.44	-2.45	57	--	1.2	0.75	0.57	2.2	--	--	
12/14/95	56.09	32.20	0.00	23.89	-1.55	ND	--	0.72	1.4	1.2	3.6	--	--	
03/06/96	56.09	26.53	0.00	29.56	5.67	96	--	4.5	ND	ND	3.7	ND	--	
06/04/96	56.09	27.43	0.00	28.66	-0.90	410	--	48	ND	3.4	7.9	ND	--	
09/06/96	56.09	30.25	0.00	25.84	-2.82	ND	--	ND	ND	ND	ND	ND	--	

**Table 2**  
**HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS**  
**August 1993 Through September 2008**  
**76 Station 5430**

Date Sampled	TOC Elevation (feet)	Depth to Water (feet)	LPH Thickness (feet)	Ground-water Elevation (feet)	Change in Elevation (feet)	TPH-G (8015M) (µg/l)	TPH-G (GC/MS) (µg/l)	Benzene (µg/l)	Toluene (µg/l)	Ethyl-benzene (µg/l)	Total Xylenes (µg/l)	MTBE (8021B) (µg/l)	MTBE (8260B) (µg/l)	Comments
<b>U-1 continued</b>														
03/08/97	56.09	26.03	0.00	30.06	4.22	ND	--	ND	ND	ND	ND	ND	--	
09/04/97	56.09	31.56	0.00	24.53	-5.53	ND	--	ND	ND	ND	ND	ND	--	
03/09/98	56.09	20.63	0.00	35.46	10.93	ND	--	ND	ND	ND	ND	ND	--	
09/01/98	56.09	27.82	0.00	28.27	-7.19	ND	--	0.59	ND	ND	ND	3.1	--	
03/02/99	56.09	26.83	0.00	29.26	0.99	ND	--	ND	ND	ND	ND	ND	--	
09/07/99	56.09	28.03	0.00	28.06	-1.20	ND	--	ND	ND	ND	ND	ND	--	
03/09/00	56.09	25.50	0.00	30.59	2.53	ND	--	ND	ND	ND	ND	ND	--	
09/11/00	56.09	28.16	0.00	27.93	-2.66	ND	--	ND	0.592	ND	ND	ND	--	
03/26/01	56.09	27.02	0.00	29.07	1.14	ND	--	ND	ND	ND	ND	ND	--	
09/04/01	56.09	31.67	0.00	24.42	-4.65	ND<50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<5.0	--	
03/18/02	56.09	28.81	0.00	27.28	2.86	ND<50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<5.0	--	
08/30/02	56.09	31.25	0.00	24.84	-2.44	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<2.0	
03/18/03	56.09	29.10	0.00	26.99	2.15	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<2.0	
09/26/03	56.09	32.10	0.00	23.99	-3.00	--	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<1	--	ND<2	
03/26/04	56.09	28.88	0.00	27.21	3.22	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	1.6	
09/16/04	56.09	32.34	0.00	23.75	-3.46	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	1.1	
03/03/05	56.09	28.10	0.00	27.99	4.24	ND<50	--	ND<0.50	ND<0.50	ND<0.50	ND<1.50	--	ND<1.0	
09/21/05	56.09	30.10	0.00	25.99	-2.00	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<0.50	
03/25/06	56.09	25.72	0.00	30.37	4.38	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<0.50	
09/25/06	56.09	29.13	0.00	26.96	-3.41	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--	0.91	
03/09/07	58.45	28.98	0.00	29.47	2.51	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--	ND<0.50	
07/03/07	58.45	31.00	0.00	27.45	-2.02	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--	ND<0.50	
01/10/08	58.45	30.96	0.00	27.49	0.04	--	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**  
**August 1993 Through September 2008**  
**76 Station 5430**

Date Sampled	TOC Elevation (feet)	Depth to Water (feet)	LPH Thickness (feet)	Ground-water Elevation (feet)	Change in Elevation (feet)	TPH-G (8015M) (µg/l)	TPH-G (GC/MS) (µg/l)	Benzene (µg/l)	Toluene (µg/l)	Ethyl-benzene (µg/l)	Total Xylenes (µg/l)	MTBE (8021B) (µg/l)	MTBE (8260B) (µg/l)	Comments
<b>U-1 continued</b>														
09/02/08	58.45	32.80	0.00	25.65	-1.84	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<0.50	
<b>U-2 (Screen Interval in feet: 20.0-40.0)</b>														
08/13/93	55.77	30.87	0.00	24.90	--	1400	--	ND	ND	ND	ND	--	--	
09/07/93	55.77	30.87	0.00	24.90	0.00	--	--	--	--	--	--	--	--	
12/16/93	55.27	32.19	0.00	23.08	-1.82	330	--	1.7	--	11	8.5	--	--	
01/13/94	55.27	32.13	0.00	23.14	0.06	--	--	--	--	--	--	--	--	
02/09/94	55.27	33.50	0.00	21.77	-1.37	--	--	--	--	--	--	--	--	
03/25/94	55.27	30.09	0.00	25.18	3.41	130	--	0.7	0.78	0.65	0.64	--	--	
05/18/94	55.27	30.73	0.00	24.54	-0.64	--	--	--	--	--	--	--	--	
06/19/94	55.27	31.31	0.00	23.96	-0.58	180	--	ND	ND	ND	0.86	--	--	
07/27/94	55.27	32.12	0.00	23.15	-0.81	--	--	--	--	--	--	--	--	
08/18/94	55.27	32.50	0.00	22.77	-0.38	--	--	--	--	--	--	--	--	
09/15/94	55.27	33.00	0.00	22.27	-0.50	1000	--	44	ND	ND	ND	--	--	
10/11/94	55.27	32.35	0.00	22.92	0.65	--	--	--	--	--	--	--	--	
11/08/94	55.27	33.09	0.00	22.18	-0.74	--	--	--	--	--	--	--	--	
12/06/94	55.27	31.44	0.00	23.83	1.65	250	--	19	ND	ND	ND	--	--	
01/10/95	55.27	30.25	0.00	25.02	1.19	--	--	--	--	--	--	--	--	
03/14/95	55.29	26.36	0.00	28.93	3.91	89	--	ND	ND	ND	1.2	--	--	
06/20/95	55.29	26.74	0.00	28.55	-0.38	ND	--	ND	0.58	ND	1.7	--	--	
09/18/95	55.29	29.65	0.00	25.64	-2.91	ND	--	ND	ND	ND	0.85	--	--	
12/14/95	55.29	31.10	0.00	24.19	-1.45	ND	--	ND	0.89	ND	2	--	--	
03/06/96	55.29	25.17	0.00	30.12	5.93	ND	--	ND	ND	ND	ND	80	--	
06/04/96	55.29	26.03	0.00	29.26	-0.86	ND	--	ND	ND	ND	ND	110	--	

**Table 2**  
**HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS**  
**August 1993 Through September 2008**  
**76 Station 5430**

Date Sampled	TOC Elevation (feet)	Depth to Water (feet)	LPH Thickness (feet)	Ground-water Elevation (feet)	Change in Elevation (feet)	TPH-G (8015M) (µg/l)	TPH-G (GC/MS) (µg/l)	Benzene (µg/l)	Toluene (µg/l)	Ethyl-benzene (µg/l)	Total Xylenes (µg/l)	MTBE (8021B) (µg/l)	MTBE (8260B) (µg/l)	Comments
<b>U-2 continued</b>														
09/06/96	55.29	29.18	0.00	26.11	-3.15	ND	--	ND	ND	ND	ND	--	--	
03/08/97	55.29	24.64	0.00	30.65	4.54	ND	--	ND	ND	ND	ND	42	--	
09/04/97	55.29	30.59	0.00	24.70	-5.95	ND	--	ND	ND	ND	ND	46	--	
03/09/98	55.29	19.22	0.00	36.07	11.37	ND	--	ND	ND	ND	ND	4.4	--	
09/01/98	55.29	26.40	0.00	28.89	-7.18	ND	--	ND	ND	ND	ND	25	--	
03/02/99	55.29	25.48	0.00	29.81	0.92	ND	--	ND	ND	ND	ND	16	--	
09/07/99	55.29	26.51	0.00	28.78	-1.03	ND	--	ND	ND	ND	ND	20	--	
03/09/00	55.29	23.95	0.00	31.34	2.56	ND	--	ND	ND	ND	ND	ND	--	
09/11/00	55.29	26.75	0.00	28.54	-2.80	ND	--	ND	0.635	ND	ND	ND	--	
03/26/01	55.29	25.64	0.00	29.65	1.11	ND	--	ND	ND	ND	ND	ND	--	
09/04/01	55.29	30.47	0.00	24.82	-4.83	ND<50	--	ND<0.50	0.69	ND<0.50	ND<0.50	ND<5.0	--	
03/18/02	55.29	27.29	0.00	28.00	3.18	ND<50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<5.0	--	
08/30/02	55.29	30.06	0.00	25.23	-2.77	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	3.2	
03/18/03	55.29	27.71	0.00	27.58	2.35	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	2.2	
09/26/03	55.29	30.73	0.00	24.56	-3.02	--	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<1	--	ND<2	
03/26/04	55.29	27.38	0.00	27.91	3.35	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	1.1	
09/16/04	55.29	31.19	0.00	24.10	-3.81	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	2.7	
03/03/05	55.29	26.48	0.00	28.81	4.71	ND<50	--	ND<0.50	ND<0.50	ND<0.50	ND<1.50	--	ND<1.0	
09/22/05	55.29	28.95	0.00	26.34	-2.47	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	1.3	
03/25/06	55.29	24.39	0.00	30.90	4.56	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	0.60	
09/25/06	55.29	27.89	0.00	27.40	-3.50	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--	1.3	
03/09/07	57.63	27.56	0.00	30.07	2.67	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--	ND<0.50	
07/03/07	57.63	29.79	0.00	27.84	-2.23	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--	ND<0.50	

**Table 2**  
**HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS**  
**August 1993 Through September 2008**  
**76 Station 5430**

Date Sampled	TOC Elevation (feet)	Depth to Water (feet)	LPH Thickness (feet)	Ground-water Elevation (feet)	Change in Elevation (feet)	TPH-G (8015M) (µg/l)	TPH-G (GC/MS) (µg/l)	Benzene (µg/l)	Toluene (µg/l)	Ethyl-benzene (µg/l)	Total Xylenes (µg/l)	MTBE (8021B) (µg/l)	MTBE (8260B) (µg/l)	Comments
<b>U-2 continued</b>														
01/10/08	57.63	29.60	0.00	28.03	0.19	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	0.68	
09/02/08	57.63	31.70	0.00	25.93	-2.10	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	0.66	
<b>U-3 (Screen Interval in feet: 20.0-40.0)</b>														
08/13/93	55.66	30.70	0.00	24.96	--	23000	--	1000	ND	1700	1600	--	--	
09/07/93	55.66	30.70	0.00	24.96	0.00	--	--	--	--	--	--	--	--	
12/16/93	55.24	32.08	0.00	23.16	-1.80	15000	--	570	ND	940	ND	--	--	
01/13/94	55.24	31.98	0.00	23.26	0.10	--	--	--	--	--	--	--	--	
02/09/94	55.24	33.82	0.00	21.42	-1.84	--	--	--	--	--	--	--	--	
03/25/94	55.24	30.03	0.00	25.21	3.79	18000	--	560	40	1000	770	--	--	
05/18/94	55.24	30.66	0.00	24.58	-0.63	--	--	--	--	--	--	--	--	
06/19/94	55.24	31.19	0.00	24.05	-0.53	17000	--	580	ND	1300	ND	--	--	
07/27/94	55.24	31.98	0.00	23.26	-0.79	--	--	--	--	--	--	--	--	
08/18/94	55.24	32.39	0.00	22.85	-0.41	--	--	--	--	--	--	--	--	
09/15/94	55.24	32.84	0.00	22.40	-0.45	12000	--	370	--	970	610	--	--	
10/11/94	55.24	32.20	0.00	23.04	0.64	--	--	--	--	--	--	--	--	
11/08/94	55.24	33.01	0.00	22.23	-0.81	--	--	--	--	--	--	--	--	
12/06/94	55.24	31.34	0.00	23.90	1.67	17000	--	390	ND	990	560	--	--	
01/10/95	55.24	30.23	0.00	25.01	1.11	--	--	--	--	--	--	--	--	
03/14/95	55.23	25.44	0.00	29.79	4.78	13000	--	860	120	1300	1700	--	--	
06/20/95	55.23	26.70	0.00	28.53	-1.26	9800	--	590	ND	800	1000	--	--	
09/18/95	55.23	29.55	0.00	25.68	-2.85	9800	--	600	ND	1000	760	--	--	
12/14/95	55.23	31.02	0.00	24.21	-1.47	10000	--	520	ND	920	630	--	--	
03/06/96	55.23	25.25	0.00	29.98	5.77	19000	--	1400	ND	1800	3000	73	--	



**Table 2**  
**HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS**  
**August 1993 Through September 2008**  
**76 Station 5430**

Date Sampled	TOC Elevation (feet)	Depth to Water (feet)	LPH Thickness (feet)	Ground-water Elevation (feet)	Change in Elevation (feet)	TPH-G (8015M) (µg/l)	TPH-G (GC/MS) (µg/l)	Benzene (µg/l)	Toluene (µg/l)	Ethyl-benzene (µg/l)	Total Xylenes (µg/l)	MTBE (8021B) (µg/l)	MTBE (8260B) (µg/l)	Comments
<b>U-3 continued</b>														
06/04/96	55.23	26.00	0.00	29.23	-0.75	8800	--	510	ND	600	830	ND	--	
09/06/96	55.23	29.06	0.00	26.17	-3.06	15000	--	360	20	540	450	ND	--	
03/08/97	55.23	24.65	0.00	30.58	4.41	3500	--	310	ND	230	630	ND	--	
09/04/97	55.23	30.44	0.00	24.79	-5.79	700	--	27	ND	48	34	ND	--	
03/09/98	55.23	19.20	0.00	36.03	11.24	410	--	22	1.2	ND	6.1	24	--	
09/01/98	55.23	26.33	0.00	28.90	-7.13	ND	--	ND	ND	ND	ND	6.1	--	
03/02/99	55.23	25.50	0.00	29.73	0.83	2100	--	110	2.6	ND	240	39	--	
09/07/99	55.23	27.63	0.00	27.60	-2.13	2400	--	67	ND	150	150	ND	--	
03/09/00	55.23	24.05	0.00	31.18	3.58	3250	--	143	ND	59	326	ND	--	
09/11/00	55.23	27.83	0.00	27.40	-3.78	ND	--	ND	ND	ND	ND	ND	--	
03/26/01	55.23	25.75	0.00	29.48	2.08	ND	--	ND	ND	ND	--	ND	--	
09/04/01	55.23	30.41	0.00	24.82	-4.66	5400	--	110	ND<10	800	220	ND<100	--	
03/18/02	55.23	27.35	0.00	27.88	3.06	ND<50	--	ND<0.50	ND<0.50	0.55	1.2	ND<5.0	--	
08/30/02	55.23	30.01	0.00	25.22	-2.66	--	4400	55	ND<2.5	610	140	--	ND<10	
03/18/03	55.23	27.69	0.00	27.54	2.32	--	ND<50	1.2	ND<0.50	7.9	4.3	--	ND<2.0	
09/26/03	55.23	30.62	0.00	24.61	-2.93	--	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<1	--	ND<2	
03/26/04	55.23	27.34	0.00	27.89	3.28	--	3000	39	ND<2.5	490	220	--	ND<2.5	
09/16/04	55.23	--	--	--	--	--	--	--	--	--	--	--	--	Paved over
03/03/05	55.23	--	--	--	--	--	--	--	--	--	--	--	--	Paved over
09/22/05	55.23	28.87	0.00	26.36	--	--	1600	6.6	ND<0.50	110	8.9	--	0.76	
03/25/06	55.23	24.25	0.00	30.98	4.62	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<0.50	
09/25/06	55.23	27.81	0.00	27.42	-3.56	--	330	1.6	ND<0.50	37	2.6	--	ND<0.50	
03/09/07	57.59	27.61	0.00	29.98	2.56	--	1100	6.2	ND<0.50	61	17	--	0.65	

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**HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS**  
**August 1993 Through September 2008**  
**76 Station 5430**

Date Sampled	TOC Elevation (feet)	Depth to Water (feet)	LPH Thickness (feet)	Ground-water Elevation (feet)	Change in Elevation (feet)	TPH-G (8015M) (µg/l)	TPH-G (GC/MS) (µg/l)	Benzene (µg/l)	Toluene (µg/l)	Ethyl-benzene (µg/l)	Total Xylenes (µg/l)	MTBE (8021B) (µg/l)	MTBE (8260B) (µg/l)	Comments
<b>U-3 continued</b>														
07/03/07	57.59	29.74	0.00	27.85	-2.13	--	1300	3.7	ND<0.50	6.1	ND<0.50	--	0.69	
01/10/08	57.59	29.65	0.00	27.94	0.09	--	920	3.5	ND<0.50	22	2.4	--	0.96	
09/02/08	57.59	31.65	0.00	25.94	-2.00	--	400	ND<0.50	ND<0.50	0.77	ND<1.0	--	0.76	
<b>U-4 (Screen Interval in feet: 25.0-40.0)</b>														
03/14/95	55.39	26.52	0.00	28.87	--	490	--	3.2	2.1	0.79	1.2	--	--	
06/20/95	55.39	26.90	0.00	28.49	-0.38	--	--	--	--	--	1.5	--	--	
09/18/95	55.39	29.79	0.00	25.60	-2.89	--	--	--	--	--	--	--	--	
12/14/95	55.39	31.23	0.00	24.16	-1.44	--	--	--	0.59	--	0.79	--	--	
03/06/96	55.39	25.30	0.00	30.09	5.93	ND	--	ND	ND	ND	0.62	50	--	
06/04/96	55.39	26.19	0.00	29.20	-0.89	ND	--	ND	ND	ND	ND	290	--	
09/06/96	55.39	29.32	0.00	26.07	-3.13	ND	--	ND	ND	ND	ND	ND	--	
03/08/97	55.39	24.79	0.00	30.60	4.53	ND	--	ND	ND	ND	ND	ND	--	
09/04/97	55.39	30.71	0.00	24.68	-5.92	ND	--	ND	ND	ND	ND	18	--	
03/09/98	55.39	19.37	0.00	36.02	11.34	ND	--	ND	ND	ND	ND	ND	--	
09/01/98	55.39	26.56	0.00	28.83	-7.19	ND	--	ND	ND	ND	ND	ND	--	
03/02/99	55.39	25.62	0.00	29.77	0.94	110	--	0.89	0.53	ND	0.79	4.9	--	
09/07/99	55.39	26.82	0.00	28.57	-1.20	ND	--	ND	ND	ND	ND	3.0	--	
03/09/00	55.39	24.07	0.00	31.32	2.75	ND	--	ND	0.615	ND	1.05	ND	--	
09/11/00	55.39	26.48	0.00	28.91	-2.41	ND	--	ND	0.686	ND	ND	ND	--	
03/26/01	55.39	25.69	0.00	29.70	0.79	ND	--	ND	ND	ND	ND	ND	--	
09/04/01	55.39	30.60	0.00	24.79	-4.91	ND<50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<5.0	--	
03/18/02	55.39	27.45	0.00	27.94	3.15	ND<50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<5.0	--	
08/30/02	55.39	30.19	0.00	25.20	-2.74	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<2.0	

**Table 2**  
**HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS**  
**August 1993 Through September 2008**  
**76 Station 5430**

Date Sampled	TOC Elevation (feet)	Depth to Water (feet)	LPH Thickness (feet)	Ground-water Elevation (feet)	Change in Elevation (feet)	TPH-G (8015M) (µg/l)	TPH-G (GC/MS) (µg/l)	Benzene (µg/l)	Toluene (µg/l)	Ethyl-benzene (µg/l)	Total Xylenes (µg/l)	MTBE (8021B) (µg/l)	MTBE (8260B) (µg/l)	Comments
<b>U-4 continued</b>														
03/18/03	55.39	27.85	0.00	27.54	2.34	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<2.0	
09/26/03	55.39	30.86	0.00	24.53	-3.01	--	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<1	--	ND<2	
03/26/04	55.39	27.52	0.00	27.87	3.34	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<0.50	
09/16/04	55.39	31.31	0.00	24.08	-3.79	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<0.50	
03/03/05	55.39	26.63	0.00	28.76	4.68	ND<50	--	ND<0.50	ND<0.50	ND<0.50	ND<1.50	--	ND<1.0	
09/21/05	55.39	29.03	0.00	26.36	-2.40	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<0.50	
03/25/06	55.39	--	--	--	--	--	--	--	--	--	--	--	--	Inaccessible - Area flooded
09/25/06	55.39	28.02	0.00	27.37	--	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--	ND<0.50	
03/09/07	57.74	27.69	0.00	30.05	2.68	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--	ND<0.50	
07/03/07	57.74	29.91	0.00	27.83	-2.22	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--	ND<0.50	
01/10/08	57.74	29.73	0.00	28.01	0.18	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<0.50	
09/02/08	57.74	31.87	0.00	25.87	-2.14	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<0.50	
<b>U-5 (Screen Interval in feet: 25.0-40.0)</b>														
03/14/95	54.18	25.20	0.00	28.98	--	ND	--	ND	ND	ND	1.2	--	--	
06/20/95	54.18	25.60	0.00	28.58	-0.40	ND	--	ND	ND	ND	1.6	--	--	
09/18/95	54.18	28.55	0.00	25.63	-2.95	ND	--	ND	ND	ND	0.66	--	--	
12/14/95	54.18	29.94	0.00	24.24	-1.39	ND	--	ND	ND	ND	ND	--	--	
03/06/96	54.18	24.03	0.00	30.15	5.91	ND	--	ND	ND	ND	ND	ND	--	
06/04/96	54.18	24.91	0.00	29.27	-0.88	ND	--	ND	ND	ND	ND	ND	--	
09/06/96	54.18	28.06	0.00	26.12	-3.15	ND	--	ND	ND	ND	ND	ND	--	
03/08/97	54.18	23.49	0.00	30.69	4.57	ND	--	ND	ND	ND	ND	ND	--	
09/04/97	54.18	29.46	0.00	24.72	-5.97	ND	--	ND	ND	ND	ND	ND	--	
03/09/98	54.18	18.10	0.00	36.08	11.36	ND	--	ND	ND	ND	ND	ND	--	

**Table 2**  
**HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS**  
**August 1993 Through September 2008**  
**76 Station 5430**

Date Sampled	TOC Elevation (feet)	Depth to Water (feet)	LPH Thickness (feet)	Ground-water Elevation (feet)	Change in Elevation (feet)	TPH-G (8015M) (µg/l)	TPH-G (GC/MS) (µg/l)	Benzene (µg/l)	Toluene (µg/l)	Ethyl-benzene (µg/l)	Total Xylenes (µg/l)	MTBE (8021B) (µg/l)	MTBE (8260B) (µg/l)	Comments
<b>U-5 continued</b>														
09/01/98	54.18	25.27	0.00	28.91	-7.17	ND	--	ND	ND	ND	ND	ND	--	
03/02/99	54.18	24.35	0.00	29.83	0.92	ND	--	ND	ND	ND	ND	ND	--	
09/07/99	54.18	26.39	0.00	27.79	-2.04	ND	--	ND	ND	ND	ND	ND	--	
03/09/00	54.18	22.81	0.00	31.37	3.58	ND	--	ND	ND	ND	ND	ND	--	
09/11/00	54.18	25.36	0.00	28.82	-2.55	ND	--	ND	0.64	ND	ND	ND	--	
03/26/01	54.18	24.55	0.00	29.63	0.81	--	--	--	ND	ND	ND	ND	--	
09/04/01	54.18	29.34	0.00	24.84	-4.79	ND<50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<5.0	--	
03/18/02	54.18	26.16	0.00	28.02	3.18	ND<50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<5.0	--	
08/30/02	54.18	28.94	0.00	25.24	-2.78	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<2.0	
03/18/03	54.18	26.58	0.00	27.60	2.36	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<2.0	
09/26/03	54.18	29.60	0.00	24.58	-3.02	--	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<1	--	ND<2	
03/26/04	54.18	26.23	0.00	27.95	3.37	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<0.50	
09/16/04	54.18	--	--	--	--	--	--	--	--	--	--	--	--	Paved over
03/03/05	54.18	--	--	--	--	--	--	--	--	--	--	--	--	Paved over
09/22/05	54.18	--	--	--	--	--	--	--	--	--	--	--	--	Planter Covering Well
03/25/06	54.18	--	--	--	--	--	--	--	--	--	--	--	--	Unable to locate
09/25/06	54.18	--	--	--	--	--	--	--	--	--	--	--	--	Unable to locate
03/09/07	--	--	--	--	--	--	--	--	--	--	--	--	--	Unable to locate
07/03/07	--	--	--	--	--	--	--	--	--	--	--	--	--	Paved over
01/10/08	--	--	--	--	--	--	--	--	--	--	--	--	--	Paved over
09/02/08	--	--	--	--	--	--	--	--	--	--	--	--	--	Paved over
<b>U-6</b>				<b>(Screen Interval in feet: 25.0-40.0)</b>										
03/14/95	55.36	26.94	0.00	28.42	--	14000	--	170	36	790	1500	--	--	

**Table 2**  
**HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS**  
**August 1993 Through September 2008**  
**76 Station 5430**

Date Sampled	TOC Elevation (feet)	Depth to Water (feet)	LPH Thickness (feet)	Ground-water Elevation (feet)	Change in Elevation (feet)	TPH-G (8015M) (µg/l)	TPH-G (GC/MS) (µg/l)	Benzene (µg/l)	Toluene (µg/l)	Ethyl-benzene (µg/l)	Total Xylenes (µg/l)	MTBE (8021B) (µg/l)	MTBE (8260B) (µg/l)	Comments
<b>U-6 continued</b>														
06/20/95	55.36	27.15	0.00	28.21	-0.21	8500	--	170	11	950	1300	--	--	
09/18/95	55.36	29.95	0.00	25.41	-2.80	9500	--	260	ND	1400	1800	--	--	
12/14/95	55.36	31.32	0.00	24.04	-1.37	15000	--	240	ND	1400	1700	--	--	
03/06/96	55.36	25.71	0.00	29.65	5.61	2400	--	54	ND	170	250	--	--	
06/04/96	55.36	26.52	0.00	28.84	-0.81	4600	--	83	ND	400	520	46	--	
09/06/96	55.36	29.41	0.00	25.95	-2.89	12000	--	180	6.4	690	600	95	--	
03/08/97	55.36	25.25	0.00	30.11	4.16	2000	--	180	ND	96	290	--	--	
09/04/97	55.36	30.75	0.00	24.61	-5.50	680	--	17	ND	52	39	--	--	
03/09/98	55.36	19.84	0.00	35.52	10.91	690	--	41	8.5	3.2	140	16	--	
09/01/98	55.36	--	--	--	--	--	--	--	--	--	--	--	--	Inaccessible
03/02/99	55.36	25.95	0.00	29.41	--	3900	--	240	ND	650	430	45	--	
09/07/99	55.36	28.19	0.00	27.17	-2.24	320	--	14	ND	5.2	ND	10	--	
03/09/00	55.36	24.64	0.00	30.72	3.55	4980	--	193	ND	520	365	ND	--	
09/11/00	55.36	28.35	0.00	27.01	-3.71	538	--	22.8	ND	13.8	3.11	ND	--	
10/13/00	55.36	29.67	0.00	25.69	-1.32	--	--	--	--	--	--	--	ND	
03/26/01	55.36	26.88	0.00	28.48	2.79	16400	--	412	ND	2010	1010	ND	--	
09/04/01	55.36	30.81	0.00	24.55	-3.93	8000	--	200	ND<25	1100	250	ND<250	--	
03/18/02	55.36	27.87	0.00	27.49	2.94	3900	--	96	ND<10	590	210	ND<100	--	
08/30/02	55.36	30.40	0.00	24.96	-2.53	--	7900	120	ND<5.0	1000	91	--	ND<20	
03/18/03	55.36	28.19	0.00	27.17	2.21	--	1800	30	ND<2.5	270	47	--	ND<10	
09/26/03	55.36	31.15	0.00	24.21	-2.96	--	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<1	--	ND<2	
03/26/04	55.36	27.93	0.00	27.43	3.22	--	3200	25	ND<2.5	420	95	--	ND<2.5	
09/16/04	55.36	31.50	0.00	23.86	-3.57	--	3600	14	ND<2.5	310	35	--	ND<2.5	

**Table 2**  
**HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS**  
**August 1993 Through September 2008**  
**76 Station 5430**

Date Sampled	TOC Elevation (feet)	Depth to Water (feet)	LPH Thickness (feet)	Ground-water Elevation (feet)	Change in Elevation (feet)	TPH-G (8015M) (µg/l)	TPH-G (GC/MS) (µg/l)	Benzene (µg/l)	Toluene (µg/l)	Ethyl-benzene (µg/l)	Total Xylenes (µg/l)	MTBE (8021B) (µg/l)	MTBE (8260B) (µg/l)	Comments
<b>U-6 continued</b>														
03/03/05	55.36	27.16	0.00	28.20	4.34	1100	--	5.8	1.2	170	12	--	ND<2.5	
09/22/05	--	29.64	0.00	--	--	--	3200	4.0	ND<0.50	160	3.6	--	1.1	Casing elevation modified on 5/9/05
03/25/06	--	25.32	0.00	--	--	--	220	0.59	ND<0.50	ND<0.50	ND<1.0	--	0.99	
09/25/06	--	28.61	0.00	--	--	--	960	0.56	ND<0.50	41	0.75	--	1.4	
03/09/07	58.13	28.46	0.00	29.67	--	--	1100	0.56	ND<0.50	25	1.1	--	1.1	
07/03/07	58.13	30.53	0.00	27.60	-2.07	--	730	ND<0.50	ND<0.50	7.3	ND<0.50	--	1.3	
01/10/08	58.13	30.50	0.00	27.63	0.03	--	1300	ND<0.50	ND<0.50	7.0	ND<1.0	--	1.3	
09/02/08	58.13	32.30	0.00	25.83	-1.80	--	1000	ND<0.50	ND<0.50	1.9	ND<1.0	--	1.2	
<b>U-7 (Screen Interval in feet: 25.0-40.0)</b>														
03/14/95	55.05	26.13	0.00	28.92	--	ND	--	ND	ND	ND	ND	--	--	
06/20/95	55.05	26.38	0.00	28.67	-0.25	ND	--	ND	ND	ND	ND	--	--	
09/18/95	55.05	29.21	0.00	25.84	-2.83	ND	--	ND	ND	ND	ND	--	--	
12/14/95	55.05	30.75	0.00	24.30	-1.54	ND	--	ND	ND	ND	0.88	--	--	
03/06/96	55.05	25.10	0.00	29.95	5.65	ND	--	ND	ND	ND	ND	ND	--	
06/04/96	55.05	25.67	0.00	29.38	-0.57	ND	--	ND	ND	ND	ND	ND	--	
09/06/96	55.05	28.75	0.00	26.30	-3.08	ND	--	ND	ND	ND	ND	ND	--	
03/08/97	55.05	24.33	0.00	30.72	4.42	ND	--	ND	ND	ND	ND	ND	--	
09/04/97	55.05	30.16	0.00	24.89	-5.83	ND	--	ND	ND	ND	ND	ND	--	
03/09/98	55.05	18.91	0.00	36.14	11.25	ND	--	ND	ND	ND	ND	ND	--	
09/01/98	55.05	26.04	0.00	29.01	-7.13	88	--	ND	ND	ND	ND	2.9	--	
03/02/99	55.05	25.30	0.00	29.75	0.74	ND	--	ND	ND	ND	ND	ND	--	
09/07/99	55.05	27.27	0.00	27.78	-1.97	ND	--	ND	ND	ND	ND	ND	--	

**Table 2**  
**HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS**  
**August 1993 Through September 2008**  
**76 Station 5430**

Date Sampled	TOC Elevation (feet)	Depth to Water (feet)	LPH Thickness (feet)	Ground-water Elevation (feet)	Change in Elevation (feet)	TPH-G (8015M) (µg/l)	TPH-G (GC/MS) (µg/l)	Benzene (µg/l)	Toluene (µg/l)	Ethyl-benzene (µg/l)	Total Xylenes (µg/l)	MTBE (8021B) (µg/l)	MTBE (8260B) (µg/l)	Comments
<b>U-7 continued</b>														
03/09/00	55.05	23.76	0.00	31.29	3.51	ND	--	ND	ND	ND	1.09	ND	--	
09/11/00	55.05	27.19	0.00	27.86	-3.43	ND	--	ND	ND	ND	ND	ND	--	
03/26/01	55.05	25.61	0.00	29.44	1.58	ND	--	ND	ND	ND	ND	ND	--	
09/04/01	55.05	30.10	0.00	24.95	-4.49	ND<0.50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<5.0	--	
03/18/02	55.05	27.03	0.00	28.02	3.07	ND<0.50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<5.0	--	
08/30/02	55.05	29.69	0.00	25.36	-2.66	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<2.0	
03/18/03	55.05	27.39	0.00	27.66	2.30	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<2.0	
09/26/03	55.05	30.40	0.00	24.65	-3.01	--	ND<0.50	ND<0.5	ND<0.5	ND<0.5	ND<1	--	ND<2	
03/26/04	55.05	27.09	0.00	27.96	3.31	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<0.50	
09/16/04	55.05	30.83	0.00	24.22	-3.74	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<0.50	
03/03/05	55.05	26.26	0.00	28.79	4.57	ND<0.50	--	ND<0.50	ND<0.50	ND<0.50	ND<1.50	--	ND<1.0	
09/21/05	55.05	28.53	0.00	26.52	-2.27	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<0.50	
03/25/06	55.05	24.91	0.00	30.14	3.62	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<0.50	
09/25/06	55.05	27.50	0.00	27.55	-2.59	--	74	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--	ND<0.50	
03/09/07	57.45	27.28	0.00	30.17	2.62	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--	ND<0.50	
07/03/07	57.45	29.43	0.00	28.02	-2.15	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--	ND<0.50	
01/10/08	57.45	29.39	0.00	28.06	0.04	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<0.50	
09/02/08	57.45	31.40	0.00	26.05	-2.01	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<0.50	

**Table 2 a**  
**ADDITIONAL HISTORIC ANALYTICAL RESULTS**  
**76 Station 5430**

Date Sampled	TPH-D (µg/l)	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)	Bromo- chloro- methane (µg/l)	Bromo- dichloro- methane (µg/l)	Bromo- form (µg/l)	Bromo- methane (µg/l)
U-1												
08/13/93	50	--	--	--	--	--	--	--	--	--	--	--
12/16/93	130	--	--	--	--	--	--	--	--	--	--	--
03/25/94	57	--	--	--	--	--	--	--	--	--	--	--
06/19/94	61	--	--	--	7.4	--	--	--	--	--	--	--
09/15/94	83	--	--	--	9.5	--	--	--	--	--	--	--
12/06/94	--	--	--	--	5.8	--	--	--	--	--	--	--
03/14/95	71	--	--	--	--	--	--	--	--	--	--	--
06/20/95	170	--	--	--	--	--	--	--	--	--	--	--
09/18/95	72	--	--	--	--	--	--	--	--	--	--	--
12/14/95	--	--	--	--	3.8	--	--	--	--	--	--	--
06/04/96	170	--	--	--	--	--	--	--	--	--	--	--
03/08/97	--	--	--	--	43	--	--	--	--	--	--	--
09/04/97	--	--	--	--	4.5	--	--	--	--	--	--	--
09/01/98	--	--	--	--	8.9	--	--	--	--	--	--	--
03/02/99	--	--	--	--	4.5	--	--	--	--	--	--	--
03/09/00	--	--	--	--	1.32	--	--	--	--	--	--	--
09/11/00	--	--	--	--	--	--	--	--	--	3.58	--	--
03/26/01	--	--	--	--	2.50	--	--	--	--	--	--	--
09/04/01	--	--	--	--	2.4	--	--	--	--	--	--	--
03/18/02	--	--	--	--	4.4	--	--	--	--	--	--	--
08/30/02	--	--	--	--	1.2	--	--	--	--	--	--	--
03/18/03	--	ND<100	ND<500	ND<2.0	2.6	ND<2.0	ND<2.0	ND<2.0	--	--	--	--
09/26/03	--	--	--	--	ND<0.5	--	--	--	--	--	--	--
03/26/04	--	--	--	--	1.6	--	--	--	--	ND<0.50	ND<2.0	ND<1.0
09/16/04	--	--	--	--	1.3	--	--	--	--	ND<0.50	ND<2.0	ND<1.0



**Table 2 a**  
**ADDITIONAL HISTORIC ANALYTICAL RESULTS**  
**76 Station 5430**

Date Sampled	TPH-D (µg/l)	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)	Bromo- chloro- methane (µg/l)	Bromo- dichloro- methane (µg/l)	Bromo- form (µg/l)	Bromo- methane (µg/l)
<b>U-1 continued</b>												
03/03/05	--	--	--	ND<1.0	ND<1.0	--	--	--	ND<1.0	ND<1.0	ND<1.0	ND<2.0
09/21/05	--	--	--	--	0.71	--	--	--	--	ND<0.50	ND<0.50	ND<1.0
03/25/06	--	--	--	--	ND<0.50	--	--	--	--	ND<0.50	ND<0.50	ND<1.0
09/25/06	--	--	--	--	0.96	--	--	--	--	ND<0.50	ND<0.50	ND<1.0
03/09/07	--	--	--	--	ND<0.50	--	--	--	--	ND<0.50	ND<0.50	ND<1.0
07/03/07	--	--	--	--	ND<0.50	--	--	--	--	ND<0.50	ND<0.50	ND<1.0
01/10/08	--	--	--	--	ND<0.50	--	--	--	--	ND<0.50	ND<0.50	ND<1.0
09/02/08	--	--	--	--	ND<0.50	--	--	--	--	ND<0.50	ND<0.50	ND<1.0
<b>U-2</b>												
03/25/94	--	--	--	--	11	--	--	--	--	--	--	--
06/19/94	--	--	--	--	0.54	--	--	--	--	--	--	--
09/15/94	--	--	--	--	0.66	--	--	--	--	--	--	--
08/30/02	--	ND<100	ND<500	ND<2.0	ND<2.0	ND<2.0	ND<2.0	ND<2.0	--	--	--	--
03/18/03	--	ND<100	ND<500	ND<2.0	ND<2.0	ND<2.0	ND<2.0	ND<2.0	--	--	--	--
<b>U-3</b>												
03/25/94	--	--	--	--	480	--	--	--	--	--	--	--
06/19/94	--	--	--	--	410	--	--	--	--	--	--	--
09/15/94	--	--	--	--	420	--	--	--	--	--	--	--
12/06/94	--	--	--	--	430	--	--	--	--	--	--	--
12/14/95	--	--	--	--	240	--	--	--	--	--	--	--
03/08/97	--	--	--	--	100	--	--	--	--	--	--	--
09/04/97	--	--	--	--	160	--	--	--	--	--	--	--
03/09/98	--	--	--	--	4.4	--	--	--	--	--	--	--
03/02/99	--	--	--	--	6.7	--	--	--	--	--	--	--
09/07/99	--	--	--	--	1.1	--	--	--	--	1.4	--	--

**Table 2 a**  
**ADDITIONAL HISTORIC ANALYTICAL RESULTS**  
**76 Station 5430**

Date Sampled	TPH-D (µg/l)	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)	Bromo- chloro- methane (µg/l)	Bromo- dichloro- methane (µg/l)	Bromo- form (µg/l)	Bromo- methane (µg/l)
<b>U-3 continued</b>												
09/11/00	--	--	--	--	1.17	--	--	--	--	--	--	--
09/04/01	--	--	--	--	ND<5.0	--	--	--	--	--	--	--
03/18/02	--	--	--	--	ND<0.50	--	--	--	--	--	--	--
08/30/02	--	--	--	--	ND<0.50	--	--	--	--	--	--	--
03/18/03	--	ND<100	ND<500	ND<2.0	ND<2.0	ND<2.0	ND<2.0	ND<2.0	--	--	--	--
09/26/03	--	--	--	--	ND<0.5	--	--	--	--	--	--	--
03/26/04	--	--	--	--	ND<5.0	--	--	--	--	ND<5.0	ND<20	ND<10
09/22/05	--	--	--	--	ND<0.50	--	--	--	--	ND<0.50	ND<0.50	ND<1.0
03/25/06	--	--	--	--	ND<0.50	--	--	--	--	ND<0.50	ND<0.50	ND<1.0
09/25/06	--	--	--	--	ND<0.50	--	--	--	--	ND<0.50	ND<0.50	ND<1.0
03/09/07	--	--	--	--	ND<0.50	--	--	--	--	ND<0.50	ND<0.50	ND<1.0
07/03/07	--	--	--	--	ND<0.50	--	--	--	--	ND<0.50	ND<0.50	ND<1.0
01/10/08	--	--	--	--	ND<0.50	--	--	--	--	ND<0.50	ND<0.50	ND<1.0
09/02/08	--	--	--	--	ND<0.50	--	--	--	--	ND<0.50	ND<0.50	ND<1.0
<b>U-4</b>												
03/18/03	--	ND<100	ND<500	ND<2.0	ND<2.0	ND<2.0	ND<2.0	ND<2.0	--	--	--	--
<b>U-5</b>												
03/18/03	--	ND<100	ND<500	ND<2.0	ND<2.0	ND<2.0	ND<2.0	ND<2.0	--	--	--	--
<b>U-6</b>												
03/14/95	--	--	--	--	210	--	--	--	--	--	--	--
12/14/95	--	--	--	--	370	--	--	--	--	--	--	--
03/18/03	--	ND<500	ND<2500	ND<10	ND<10	ND<10	ND<10	ND<10	--	--	--	--
<b>U-7</b>												
09/04/01	--	--	--	--	ND<0.50	--	--	--	--	--	--	--

**Table 2 a**  
**ADDITIONAL HISTORIC ANALYTICAL RESULTS**  
**76 Station 5430**

Date Sampled	TPH-D (µg/l)	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)	Bromo- chloro- methane (µg/l)	Bromo- dichloro- methane (µg/l)	Bromo- form (µg/l)	Bromo- methane (µg/l)
<b>U-7 continued</b>												
03/18/02	--	--	--	--	ND<0.50	--	--	--	--	--	--	--
08/30/02	--	--	--	--	ND<0.50	--	--	--	--	--	--	--
03/18/03	--	ND<100	ND<500	ND<2.0	ND<2.0	ND<2.0	ND<2.0	ND<2.0	--	--	--	--
09/26/03	--	--	--	--	ND<0.5	--	--	--	--	--	--	--
03/26/04	--	--	--	--	ND<0.50	--	--	--	--	ND<0.50	ND<2.0	ND<1.0
09/16/04	--	--	--	--	ND<0.50	--	--	--	--	ND<0.50	ND<2.0	ND<1.0
03/03/05	--	--	--	ND<1.0	ND<1.0	--	--	--	ND<1.0	ND<1.0	ND<1.0	ND<2.0
09/21/05	--	--	--	--	ND<0.50	--	--	--	--	ND<0.50	ND<0.50	ND<1.0
03/25/06	--	--	--	--	ND<0.50	--	--	--	--	ND<0.50	ND<0.50	ND<1.0
09/25/06	--	--	--	--	ND<0.50	--	--	--	--	ND<0.50	ND<0.50	ND<1.0
03/09/07	--	--	--	--	ND<0.50	--	--	--	--	ND<0.50	ND<0.50	ND<1.0
07/03/07	--	--	--	--	ND<0.50	--	--	--	--	ND<0.50	ND<0.50	ND<1.0
01/10/08	--	--	--	--	ND<0.50	--	--	--	--	ND<0.50	ND<0.50	ND<1.0
09/02/08	--	--	--	--	ND<0.50	--	--	--	--	ND<0.50	ND<0.50	ND<1.0

**Table 2 b**  
**ADDITIONAL HISTORIC ANALYTICAL RESULTS**  
**76 Station 5430**

Date Sampled	Carbon Tetra-chloride (µg/l)	Chloro-benzene (µg/l)	Chloro-ethane (µg/l)	2-Chloroethyl vinyl ether (µg/l)	Chloroform (µg/l)	Chloro-methane (µg/l)	Dibromo-chloro-methane (µg/l)	1,2-Dichloro-benzene (µg/l)	1,3-Dichloro-benzene (µg/l)	1,4-Dichloro-benzene (µg/l)	Dichloro-difluoro-methane (µg/l)	1,1-DCA (µg/l)
U-1												
06/19/94	--	--	--	--	--	--	--	ND	--	--	--	--
09/15/94	--	--	--	--	--	--	--	ND	--	--	--	--
12/06/94	--	--	--	--	--	--	--	ND	--	--	--	--
12/14/95	--	--	--	--	--	--	--	ND	--	--	--	--
03/08/97	--	--	--	--	--	--	--	ND	--	--	--	--
09/04/97	--	--	--	--	--	--	--	ND	--	--	--	--
09/01/98	--	--	--	--	--	--	--	ND	--	--	--	--
03/02/99	--	--	--	--	--	--	--	ND	--	--	--	--
03/09/00	--	--	--	--	--	--	--	ND	--	--	--	--
09/11/00	--	--	--	--	75.2	--	--	--	--	--	--	--
03/26/01	--	--	--	--	--	--	--	ND	--	--	--	--
09/04/01	--	--	--	--	--	--	--	ND<0.50	--	--	--	--
03/18/02	--	--	--	--	--	--	--	ND<0.50	--	--	--	--
08/30/02	--	--	--	--	--	--	--	ND<0.50	--	--	--	--
03/18/03	--	--	--	--	--	--	--	ND<0.50	--	--	--	--
09/26/03	--	--	--	--	--	--	--	ND<2	--	--	--	--
03/26/04	ND<0.50	ND<0.50	ND<1.0	ND<0.50	ND<0.50	ND<1.0	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	ND<0.50
09/16/04	ND<0.50	ND<0.50	ND<1.0	--	ND<0.50	ND<1.0	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	ND<0.50
03/03/05	ND<1.0	ND<1.0	ND<2.0	--	ND<1.0	ND<2.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<2.0	ND<1.0
09/21/05	ND<0.50	ND<0.50	ND<0.50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50
03/25/06	ND<0.50	ND<0.50	ND<0.50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50
09/25/06	ND<0.50	ND<0.50	ND<0.50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50
03/09/07	ND<0.50	ND<0.50	ND<0.50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50
07/03/07	ND<0.50	ND<0.50	ND<0.50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50
01/10/08	ND<0.50	ND<0.50	ND<0.50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50

**Table 2 b**  
**ADDITIONAL HISTORIC ANALYTICAL RESULTS**  
**76 Station 5430**

Date Sampled	Carbon Tetra-chloride (µg/l)	Chloro-benzene (µg/l)	Chloro-ethane (µg/l)	2-Chloroethyl vinyl ether (µg/l)	Chloroform (µg/l)	Chloro-methane (µg/l)	Dibromo-chloro-methane (µg/l)	1,2-Dichloro-benzene (µg/l)	1,3-Dichloro-benzene (µg/l)	1,4-Dichloro-benzene (µg/l)	Dichloro-difluoro-methane (µg/l)	1,1-DCA (µg/l)
<b>U-1 continued</b>												
09/02/08	ND<0.50	ND<0.50	ND<0.50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50
<b>U-2</b>												
03/25/94	--	--	--	--	--	--	--	ND	--	--	--	--
06/19/94	--	--	--	--	--	--	--	ND	--	--	--	--
09/15/94	--	--	--	--	--	--	--	ND	--	--	--	--
<b>U-3</b>												
03/25/94	--	--	--	--	--	--	--	ND	--	--	--	--
06/19/94	--	--	--	--	--	--	--	ND	--	--	--	--
09/15/94	--	--	--	--	--	--	--	ND	--	--	--	--
12/06/94	--	--	--	--	--	--	--	ND	--	--	--	--
12/14/95	--	--	--	--	--	--	--	ND	--	--	--	--
03/08/97	--	--	--	--	--	--	--	ND	--	--	--	--
09/04/97	--	--	--	--	--	--	--	ND	--	--	--	--
03/09/98	--	--	--	--	--	--	--	ND	--	--	--	--
03/02/99	--	--	--	--	--	--	--	ND	--	--	--	--
09/07/99	--	--	--	--	31	--	--	ND	--	--	--	--
09/11/00	--	--	--	--	--	--	--	ND	--	--	--	--
09/04/01	--	--	--	--	--	--	--	ND<5.0	--	--	--	--
03/18/02	--	--	--	--	--	--	--	ND<0.50	--	--	--	--
08/30/02	--	--	--	--	--	--	--	ND<0.50	--	--	--	--
03/18/03	--	--	--	--	--	--	--	ND<0.50	--	--	--	--
09/26/03	--	--	--	--	--	--	--	ND<0.5	--	--	--	--
03/26/04	ND<5.0	ND<5.0	ND<10	ND<5.0	ND<5.0	ND<10	ND<5.0	ND<5.0	ND<5.0	ND<5.0	ND<10	ND<5.0
09/22/05	ND<0.50	ND<0.50	ND<0.50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50
03/25/06	ND<0.50	ND<0.50	ND<0.50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50

**Table 2 b**  
**ADDITIONAL HISTORIC ANALYTICAL RESULTS**  
**76 Station 5430**

Date Sampled	Carbon Tetra-chloride (µg/l)	Chloro-benzene (µg/l)	Chloro-ethane (µg/l)	2-Chloroethyl vinyl ether (µg/l)	Chloroform (µg/l)	Chloro-methane (µg/l)	Dibromo-chloro-methane (µg/l)	1,2-Dichloro-benzene (µg/l)	1,3-Dichloro-benzene (µg/l)	1,4-Dichloro-benzene (µg/l)	Dichloro-difluoro-methane (µg/l)	1,1-DCA (µg/l)
<b>U-3 continued</b>												
09/25/06	ND<0.50	ND<0.50	ND<0.50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50
03/09/07	ND<0.50	ND<0.50	ND<0.50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50
07/03/07	ND<0.50	ND<0.50	ND<0.50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50
01/10/08	ND<0.50	ND<0.50	ND<0.50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50
09/02/08	ND<0.50	ND<0.50	ND<0.50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50
<b>U-6</b>												
03/14/95	--	--	--	--	--	--	--	ND	--	--	--	--
12/14/95	--	--	--	--	--	--	--	ND	--	--	--	--
<b>U-7</b>												
09/04/97	1.3	--	--	--	--	--	--	--	--	--	--	--
09/01/98	2.0	--	--	--	0.60	--	--	--	--	--	--	--
03/02/99	1.2	--	--	--	--	--	--	--	--	--	--	--
03/09/00	0.801	--	--	--	--	--	--	--	--	--	--	--
09/04/01	0.60	--	--	--	--	--	--	ND<0.50	--	--	--	--
03/18/02	0.65	--	--	--	1.5	--	--	ND<0.50	--	--	--	--
08/30/02	--	--	--	--	--	--	--	ND<0.50	--	--	--	--
03/18/03	--	--	--	--	--	--	--	ND<0.50	--	--	--	--
09/26/03	--	--	--	--	--	--	--	ND<0.5	--	--	--	--
03/26/04	ND<0.50	ND<0.50	ND<1.0	ND<0.50	ND<0.50	ND<1.0	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	ND<0.50
09/16/04	2.0	ND<0.50	ND<1.0	--	ND<0.50	ND<1.0	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	ND<0.50
03/03/05	ND<1.0	ND<1.0	ND<2.0	ND<50	ND<1.0	ND<2.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<2.0	ND<1.0
09/21/05	ND<0.50	ND<0.50	ND<0.50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50
03/25/06	ND<0.50	ND<0.50	ND<0.50	--	3.2	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50
09/25/06	ND<0.50	ND<0.50	ND<0.50	--	22	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50
03/09/07	ND<0.50	ND<0.50	ND<0.50	--	15	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50

**Table 2 b**  
**ADDITIONAL HISTORIC ANALYTICAL RESULTS**  
**76 Station 5430**

Date Sampled	Carbon Tetra-chloride (µg/l)	Chloro-benzene (µg/l)	Chloro-ethane (µg/l)	2-Chloroethyl vinyl ether (µg/l)	Chloroform (µg/l)	Chloro-methane (µg/l)	Dibromo-chloro-methane (µg/l)	1,2-Dichloro-benzene (µg/l)	1,3-Dichloro-benzene (µg/l)	1,4-Dichloro-benzene (µg/l)	Dichloro-difluoro-methane (µg/l)	1,1-DCA (µg/l)
<b>U-7 continued</b>												
07/03/07	ND<0.50	ND<0.50	ND<0.50	--	3.5	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50
01/10/08	ND<0.50	ND<0.50	ND<0.50	--	1.8	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50
09/02/08	ND<0.50	ND<0.50	ND<0.50	--	0.66	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50

**Table 2 c**  
**ADDITIONAL HISTORIC ANALYTICAL RESULTS**  
**76 Station 5430**

Date Sampled	1,1-DCE (µg/l)	cis-1,2-DCE (µg/l)	trans-1,2-DCE (µg/l)	1,2-Dichloro-propane (µg/l)	cis-1,3-Dichloro-propene (µg/l)	trans-1,3-Dichloro-propene (µg/l)	Methylene chloride (µg/l)	1,1,2,2-Tetrachloro-ethane (µg/l)	Tetrachloro-ethene (PCE) (µg/l)	Trichloro-trifluoro-ethane (µg/l)	1,2,4-Trichloro-benzene (µg/l)	1,1,1-Trichloro-ethane (µg/l)
<b>U-1</b>												
03/26/04	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<5.0	ND<0.50	ND<0.50	ND<0.50	--	ND<0.50
09/16/04	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<5.0	ND<0.50	ND<0.50	ND<0.50	--	ND<0.50
03/03/05	ND<1.0	ND<1.0	ND<1.0	--	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	--	ND<1.0	ND<1.0
09/21/05	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	ND<0.50	ND<0.50	ND<0.50	--	ND<0.50
03/25/06	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	ND<0.50	ND<0.50	ND<0.50	--	ND<0.50
09/25/06	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	ND<0.50	ND<0.50	ND<0.50	--	ND<0.50
03/09/07	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	ND<0.50	ND<0.50	ND<0.50	--	ND<0.50
07/03/07	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	ND<0.50	ND<0.50	ND<0.50	--	ND<0.50
01/10/08	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	ND<0.50	ND<0.50	ND<0.50	--	ND<0.50
09/02/08	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	ND<0.50	ND<0.50	ND<0.50	--	ND<0.50
<b>U-3</b>												
03/26/04	ND<5.0	ND<5.0	ND<5.0	ND<5.0	ND<5.0	ND<5.0	ND<5.0	ND<5.0	ND<5.0	ND<5.0	--	ND<5.0
09/22/05	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	ND<0.50	ND<0.50	ND<0.50	--	ND<0.50
03/25/06	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	ND<0.50	ND<0.50	ND<0.50	--	ND<0.50
09/25/06	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	ND<0.50	ND<0.50	ND<0.50	--	ND<0.50
03/09/07	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	ND<0.50	ND<0.50	ND<0.50	--	ND<0.50
07/03/07	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	ND<0.50	ND<0.50	ND<0.50	--	ND<0.50
01/10/08	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	ND<0.50	ND<0.50	ND<0.50	--	ND<0.50
09/02/08	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	ND<0.50	ND<0.50	ND<0.50	--	ND<0.50
<b>U-7</b>												
03/26/04	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<5.0	ND<0.50	ND<0.50	ND<0.50	--	ND<0.50
09/16/04	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<5.0	ND<0.50	ND<0.50	ND<0.50	--	ND<0.50
03/03/05	ND<1.0	ND<1.0	ND<1.0	--	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	--	ND<1.0	ND<1.0
09/21/05	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	ND<0.50	ND<0.50	ND<0.50	--	ND<0.50



**Table 2 c**  
**ADDITIONAL HISTORIC ANALYTICAL RESULTS**  
**76 Station 5430**

Date Sampled	1,1-DCE (µg/l)	cis-1,2-DCE (µg/l)	trans-1,2-DCE (µg/l)	1,2-Dichloro-propane (µg/l)	cis-1,3-Dichloro-propene (µg/l)	trans-1,3-Dichloro-propene (µg/l)	Methylene chloride (µg/l)	1,1,2,2-Tetrachloro-ethane (µg/l)	Tetrachloro-ethene (PCE) (µg/l)	Trichloro-trifluoro-ethane (µg/l)	1,2,4-Trichloro-benzene (µg/l)	1,1,1-Trichloro-ethane (µg/l)
<b>U-7 continued</b>												
03/25/06	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	ND<0.50	ND<0.50	ND<0.50	--	ND<0.50
09/25/06	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	ND<0.50	ND<0.50	ND<0.50	--	ND<0.50
03/09/07	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	ND<0.50	ND<0.50	ND<0.50	--	ND<0.50
07/03/07	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	ND<0.50	ND<0.50	ND<0.50	--	ND<0.50
01/10/08	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	ND<0.50	ND<0.50	ND<0.50	--	ND<0.50
09/02/08	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	ND<0.50	ND<0.50	ND<0.50	--	ND<0.50

**Table 2 d**  
**ADDITIONAL HISTORIC ANALYTICAL RESULTS**  
**76 Station 5430**

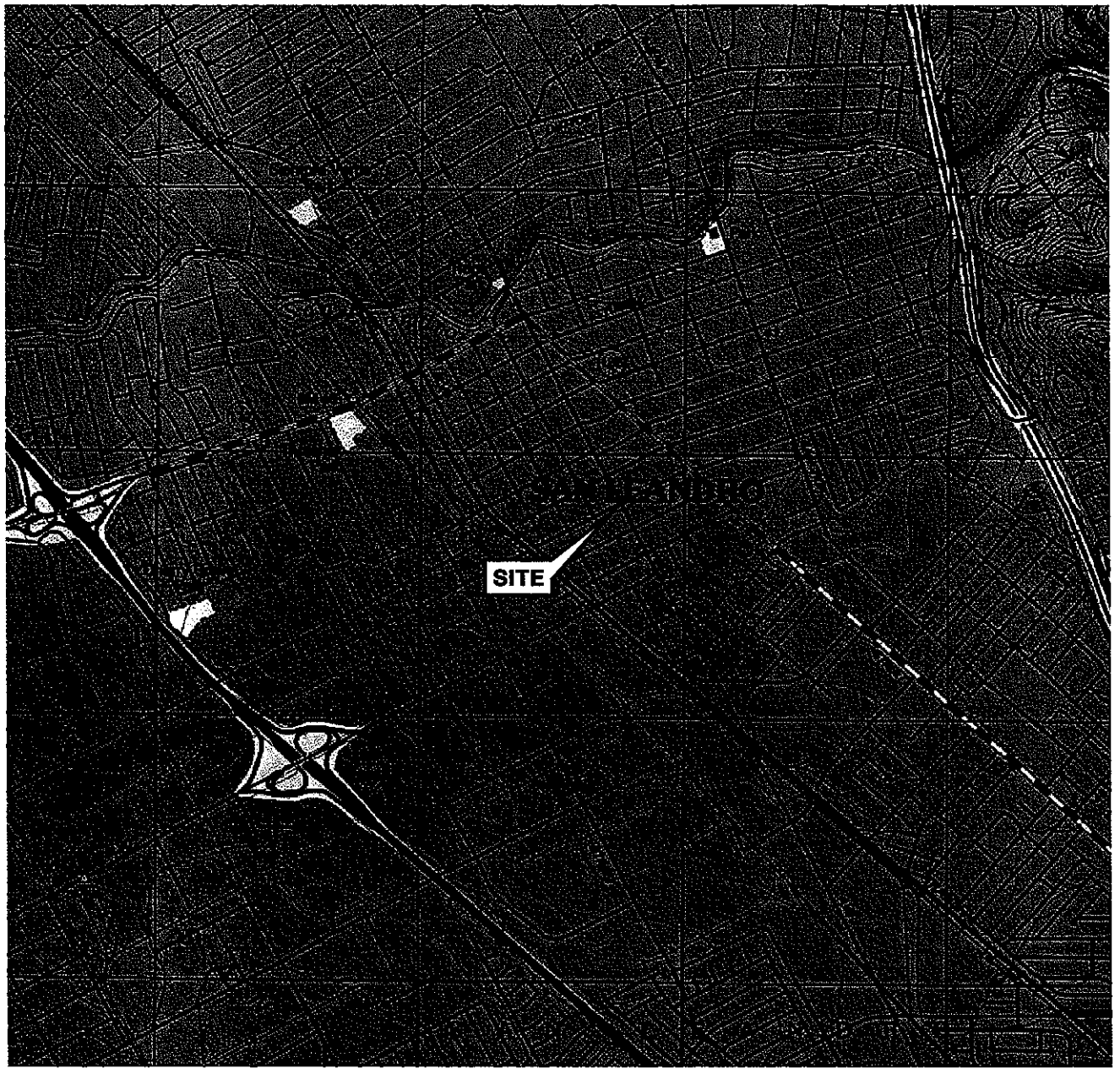
Date Sampled	1,1,2-Trichloroethane (µg/l)	Trichloroethene (TCE) (µg/l)	Trichlorofluoromethane (µg/l)	Vinyl chloride (µg/l)
<b>U-1</b>				
03/26/04	ND<0.50	ND<0.50	ND<1.0	ND<0.50
09/16/04	ND<0.50	ND<0.50	ND<1.0	ND<0.50
03/03/05	ND<1.0	ND<1.0	--	--
09/21/05	ND<0.50	ND<0.50	ND<0.50	ND<0.50
03/25/06	ND<0.50	ND<0.50	ND<0.50	ND<0.50
09/25/06	ND<0.50	ND<0.50	ND<0.50	ND<0.50
03/09/07	ND<0.50	ND<0.50	ND<0.50	ND<0.50
07/03/07	ND<0.50	ND<0.50	ND<0.50	ND<0.50
01/10/08	ND<0.50	ND<0.50	ND<0.50	ND<0.50
09/02/08	ND<0.50	ND<0.50	ND<0.50	ND<0.50
<b>U-3</b>				
03/26/04	ND<5.0	ND<5.0	ND<10	ND<5.0
09/22/05	ND<0.50	ND<0.50	ND<0.50	ND<0.50
03/25/06	ND<0.50	ND<0.50	ND<0.50	ND<0.50
09/25/06	ND<0.50	ND<0.50	ND<0.50	ND<0.50
03/09/07	ND<0.50	ND<0.50	ND<0.50	ND<0.50
07/03/07	ND<0.50	ND<0.50	ND<0.50	ND<0.50
01/10/08	ND<0.50	ND<0.50	ND<0.50	ND<0.50
09/02/08	ND<0.50	ND<0.50	ND<0.50	ND<0.50
<b>U-7</b>				
03/18/03	--	1.10	--	--
03/26/04	ND<0.50	ND<0.50	ND<1.0	ND<0.50
09/16/04	ND<0.50	ND<0.50	ND<1.0	ND<0.50
03/03/05	ND<1.0	ND<1.0	--	--

**Table 2 d**  
**ADDITIONAL HISTORIC ANALYTICAL RESULTS**  
**76 Station 5430**

Date Sampled	1,1,2- Trichloro- ethane (µg/l)	Trichloro- ethene (TCE) (µg/l)	Trichloro- fluoro- methane (µg/l)	Vinyl chloride (µg/l)
<b>U-7 continued</b>				
09/21/05	ND<0.50	ND<0.50	ND<0.50	ND<0.50
03/25/06	ND<0.50	ND<0.50	ND<0.50	ND<0.50
09/25/06	ND<0.50	ND<0.50	ND<0.50	ND<0.50
03/09/07	ND<0.50	ND<0.50	ND<0.50	ND<0.50
07/03/07	ND<0.50	ND<0.50	ND<0.50	ND<0.50
01/10/08	ND<0.50	ND<0.50	ND<0.50	ND<0.50
09/02/08	ND<0.50	ND<0.50	ND<0.50	ND<0.50

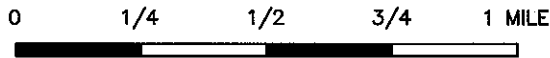
# FIGURES

PS=1; L:\DCMS VICINITY MAP SE5430v.m.dwg Nov 16, 2007 -- 7:20am evuong



SOURCE:

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



SCALE 1:24,000



QUADRANGLE  
LOCATION



PROJECT: 154771


FACILITY:

76 STATION 5430  
1935 WASHINGTON AVENUE  
SAN LEANDRO, CALIFORNIA


VICINITY MAP

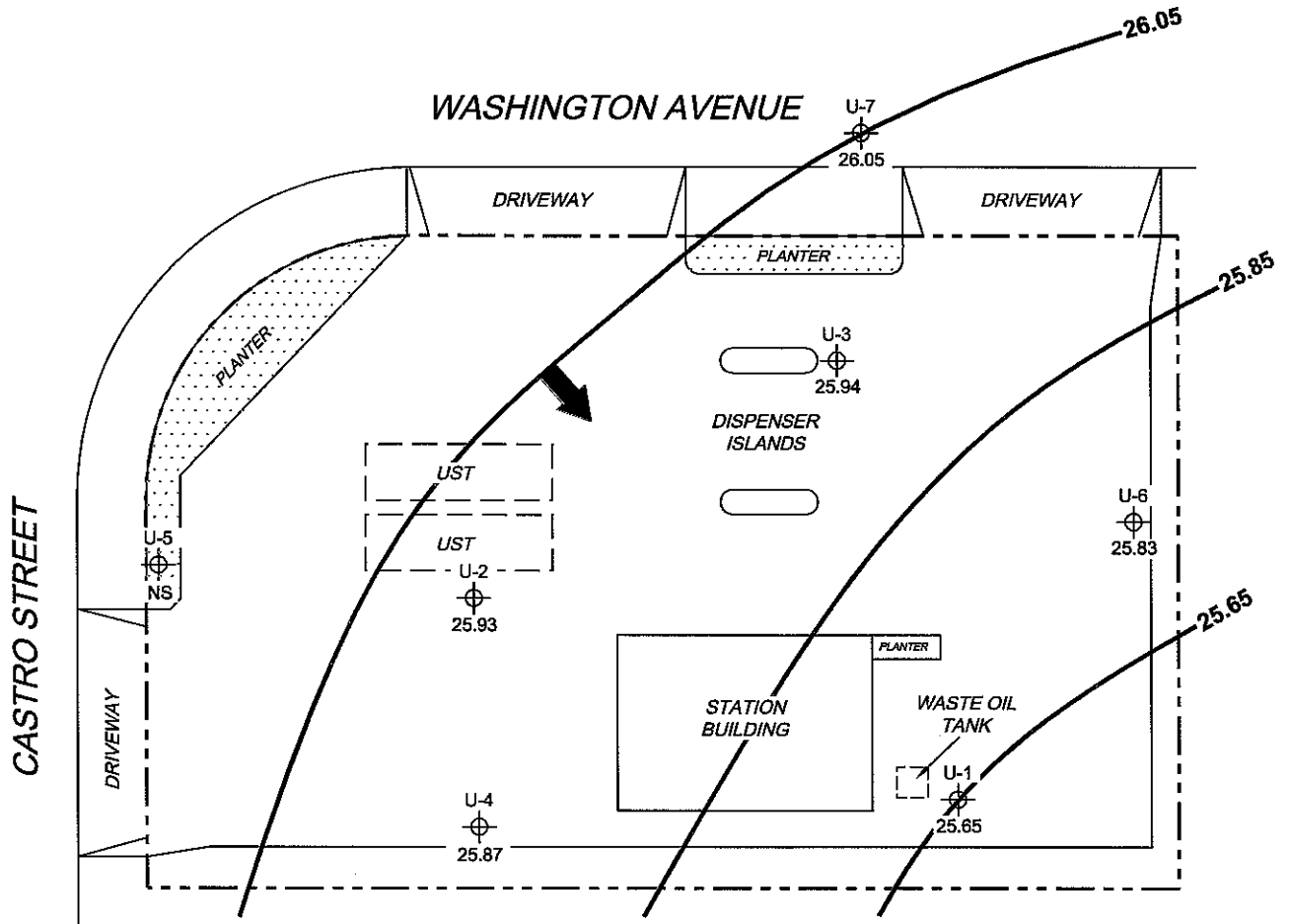
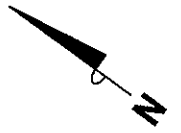
FIGURE 1

**LEGEND**

U-7  Monitoring Well with Groundwater Elevation (feet)

26.05  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. NS = not surveyed. UST = underground storage tank.

SCALE (FEET)



L:\Graphics\QIMS NORTH-SOUTH\15430-QIMS(NEW).dwg Sep 18, 2008 - 3:35pm bschmitt

MS-1.1 5430-003




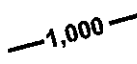
PROJECT: 154771  
 FACILITY:  
 76 STATION 5430  
 1935 WASHINGTON AVENUE  
 SAN LEANDRO, CALIFORNIA

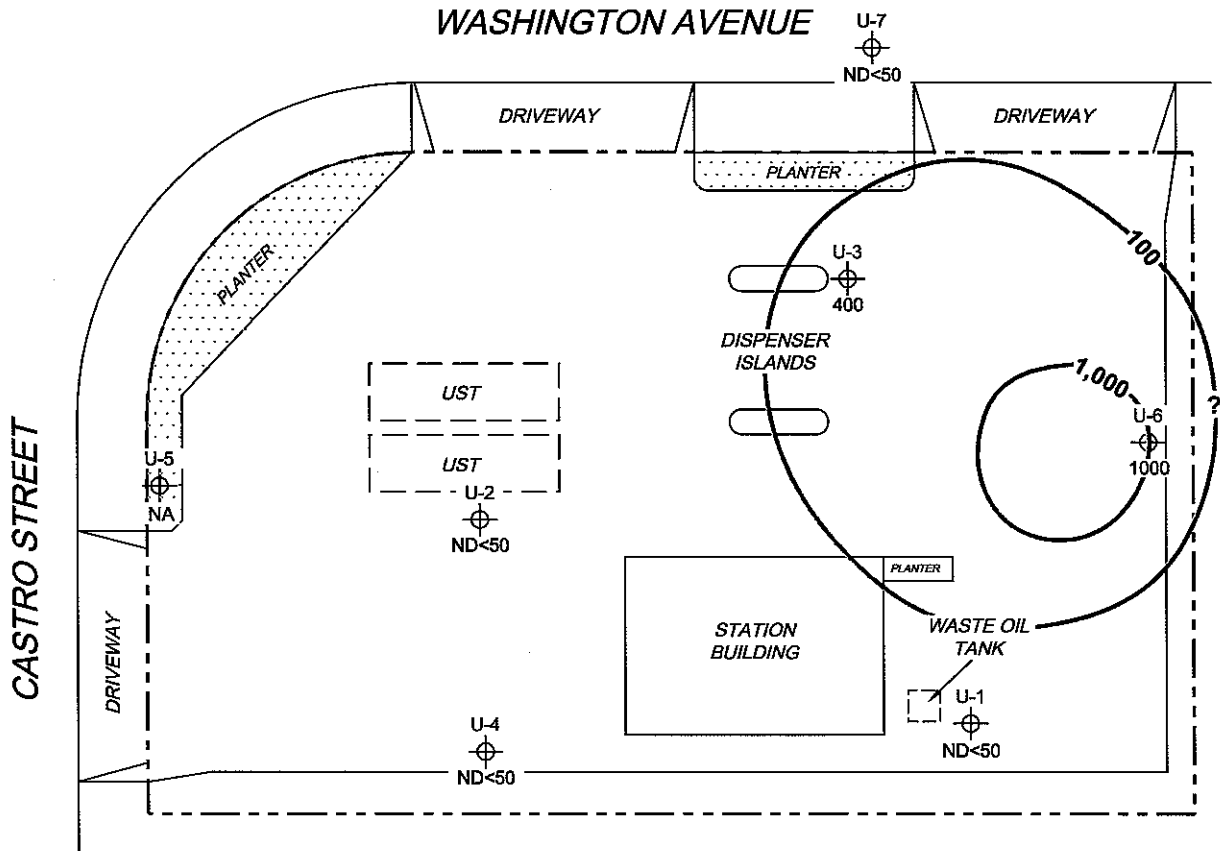
**GROUNDWATER ELEVATION  
 CONTOUR MAP**  
 September 2, 2008

**FIGURE 2**

**LEGEND**

U-7  Monitoring Well with Dissolved-Phase TPH-G (GC/MS) Concentration ( $\mu\text{g/l}$ )

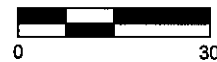
 1,000 Dissolved-Phase TPH-G (GC/MS) Contour ( $\mu\text{g/l}$ )



**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)



L:\graphics\ICMS NORTH-SOUTH\45000\45430-QMS(NEW).dwg Sep 18, 2008 - 2:39pm bschmidt

MS=1:1 5430-003




PROJECT: 154771

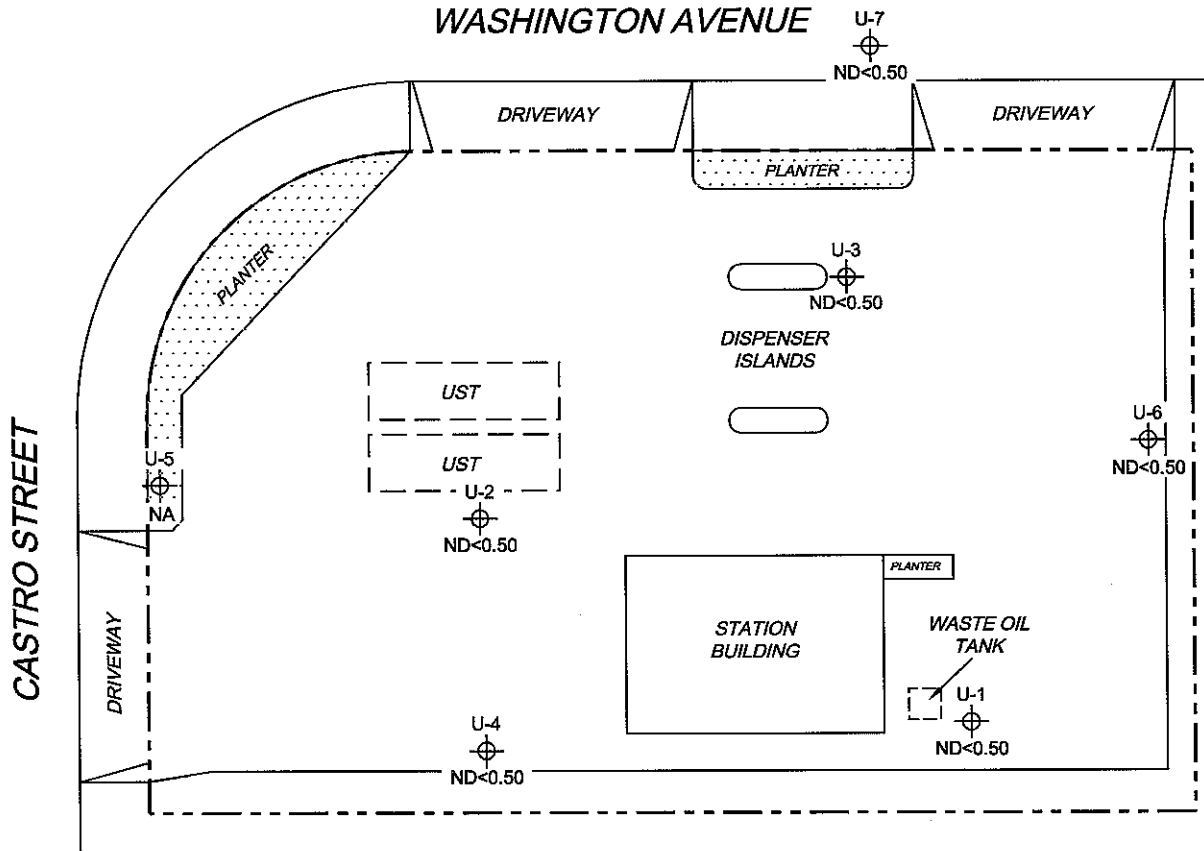
FACILITY:  
76 STATION 5430  
1935 WASHINGTON AVENUE  
SAN LEANDRO, CALIFORNIA

**DISSOLVED-PHASE TPH-G (GC/MS)  
CONCENTRATION MAP**  
September 2, 2008

**FIGURE 3**

**LEGEND**

U-7  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)



L:\Graphics\QMS NORTH\SCUTTH\X-5000\5430-CMS(NEW).dwg Sep 18, 2008 - 2:39pm bschnidt

MS-1:1 5430-003




PROJECT: 154771  
 FACILITY:  
 76 STATION 5430  
 1935 WASHINGTON AVENUE  
 SAN LEANDRO, CALIFORNIA

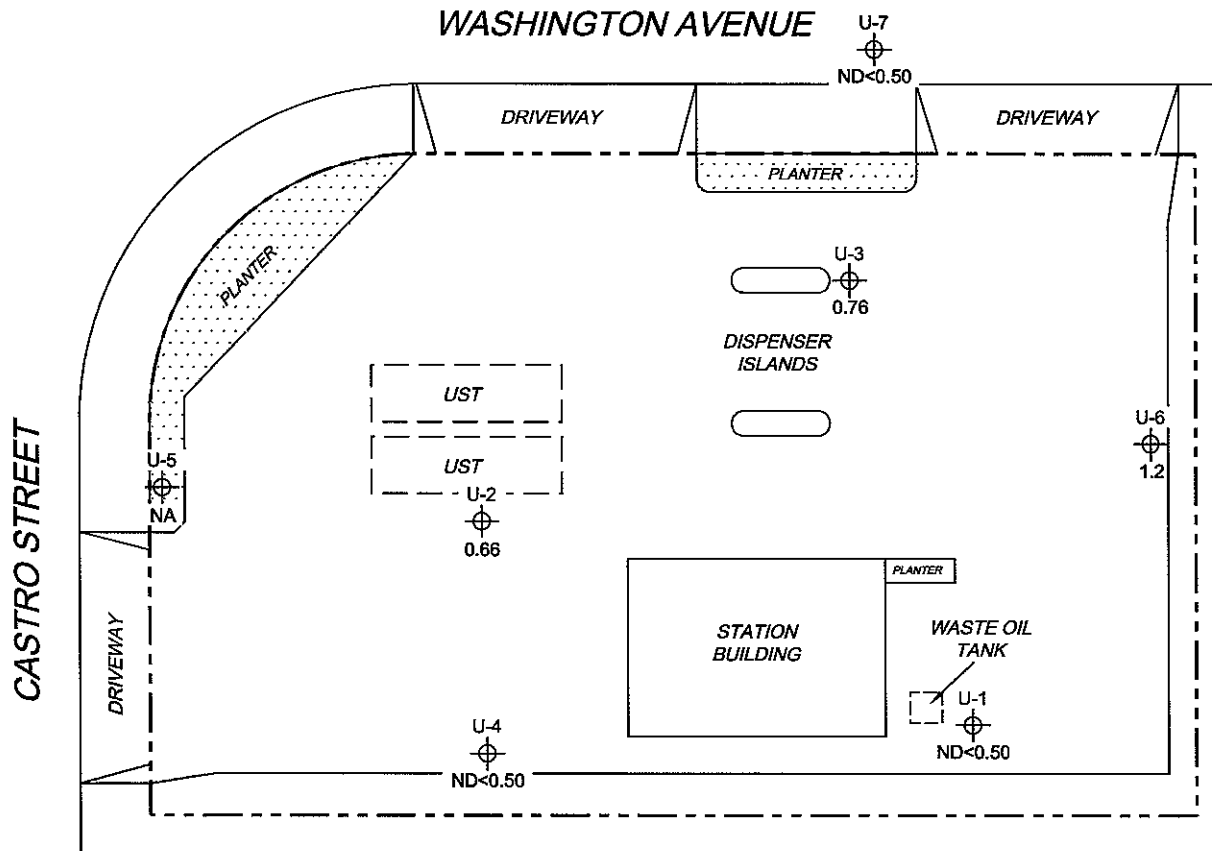
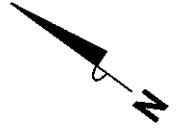
**DISSOLVED-PHASE BENZENE  
 CONCENTRATION MAP  
 September 2, 2008**

**FIGURE 4**



**LEGEND**

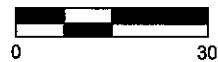
U-7  Monitoring Well with Dissolved-Phase MTBE Concentration (µg/l)



**NOTES:**

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

SCALE (FEET)



L:\Graphics\QMS NORTH-SOUTH\4-5000\430-015430-QMS(NEW).dwg Sep 18, 2008 - 2:39pm bschnitk

MS=1:1 5430-003



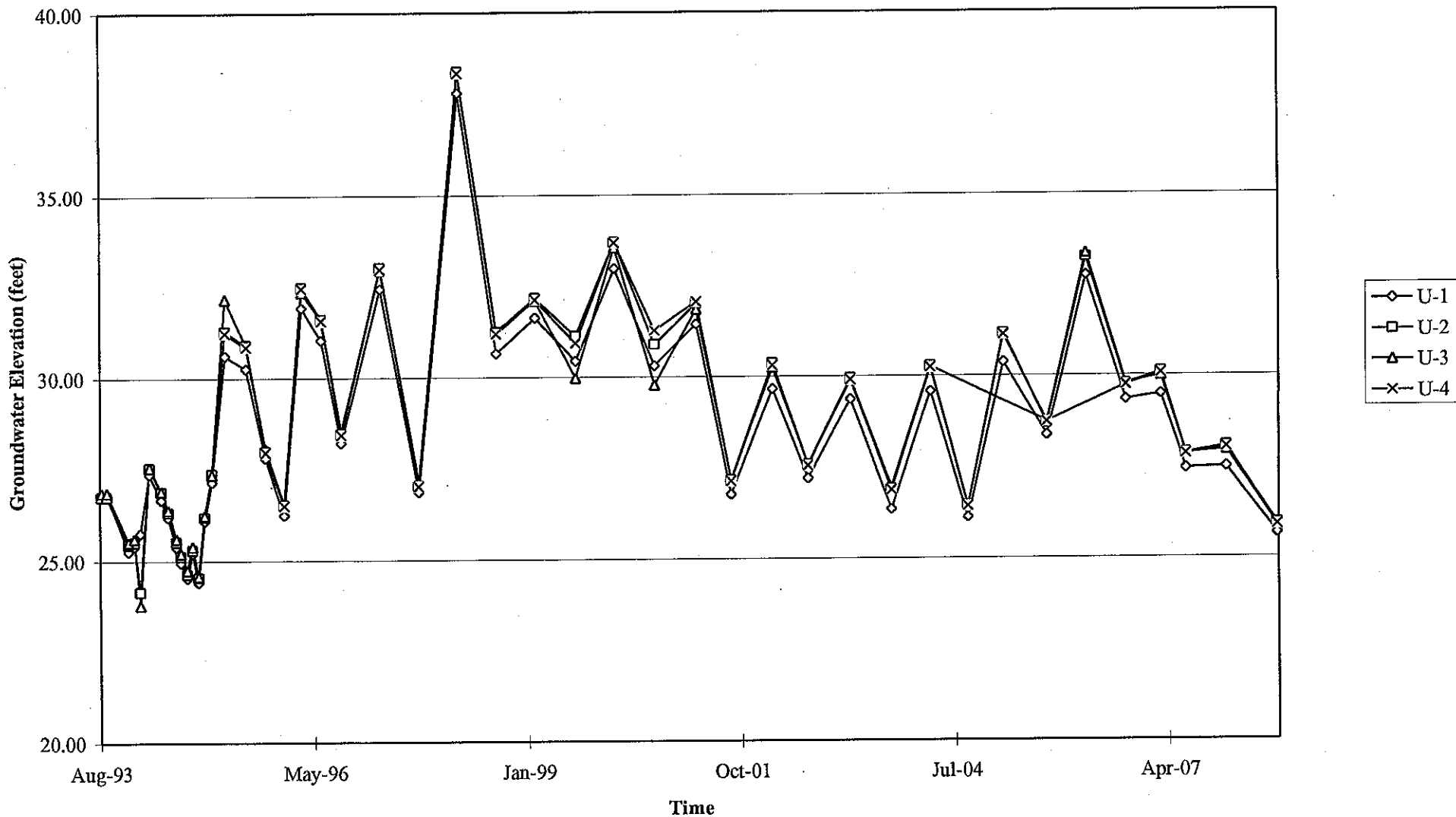
PROJECT: 154771  
 FACILITY:  
 76 STATION 5430  
 1935 WASHINGTON AVENUE  
 SAN LEANDRO, CALIFORNIA

**DISSOLVED-PHASE MTBE  
 CONCENTRATION MAP  
 September 2, 2008**

**FIGURE 5**

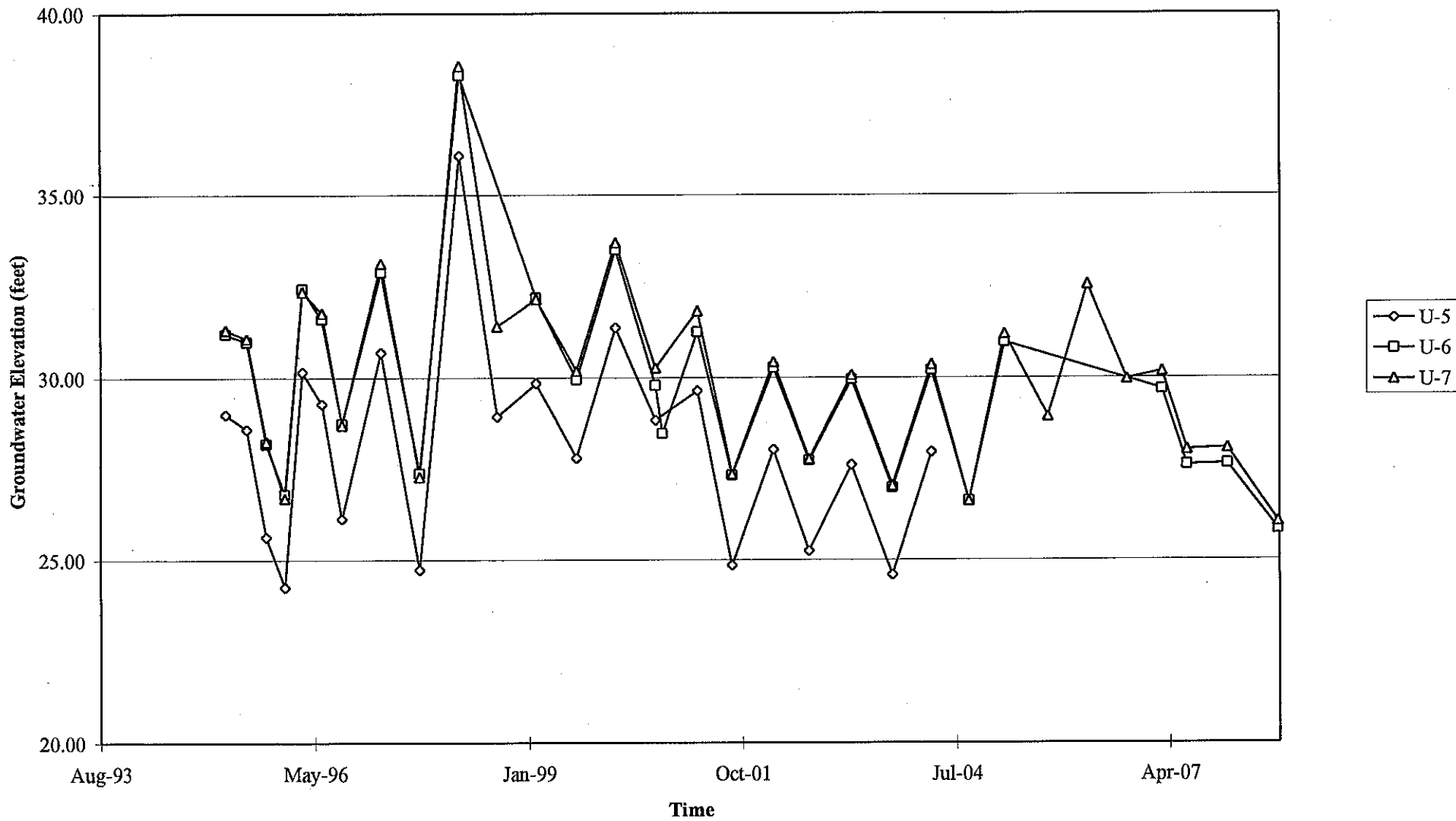
# GRAPHS

Groundwater Elevations vs. Time  
76 Station 5430



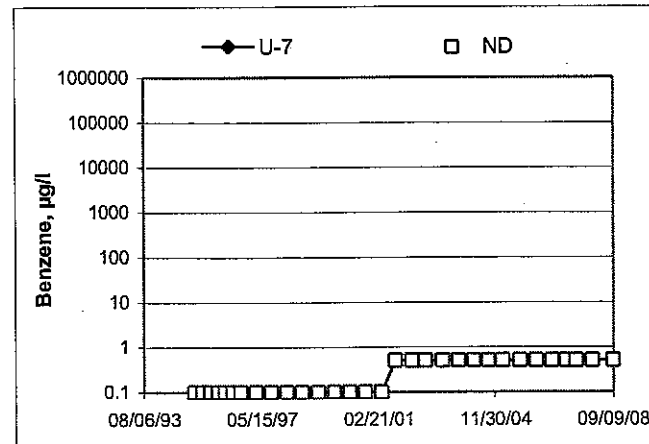
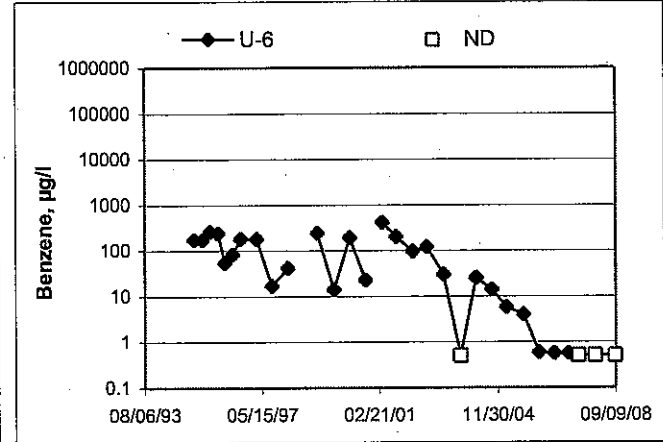
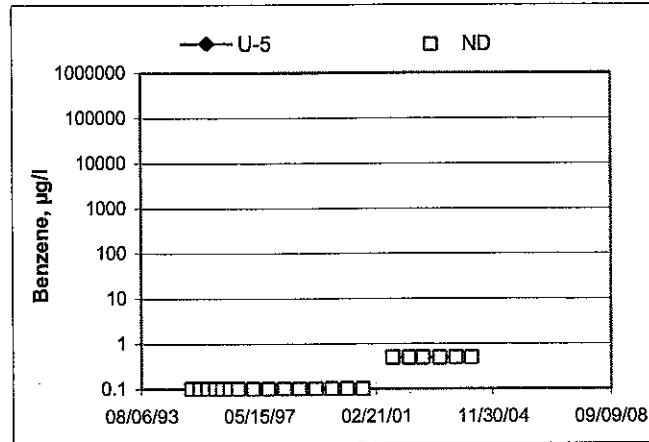
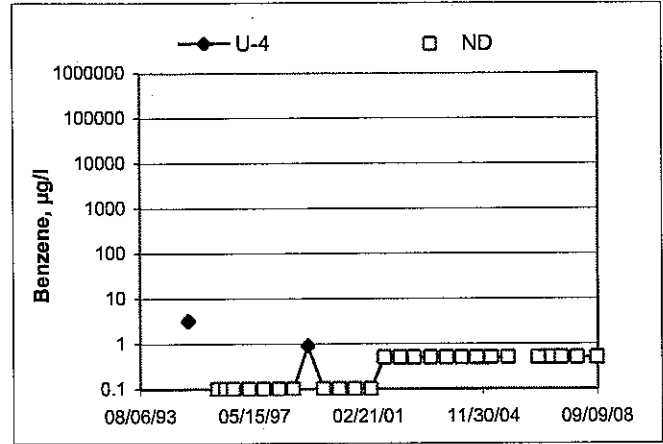
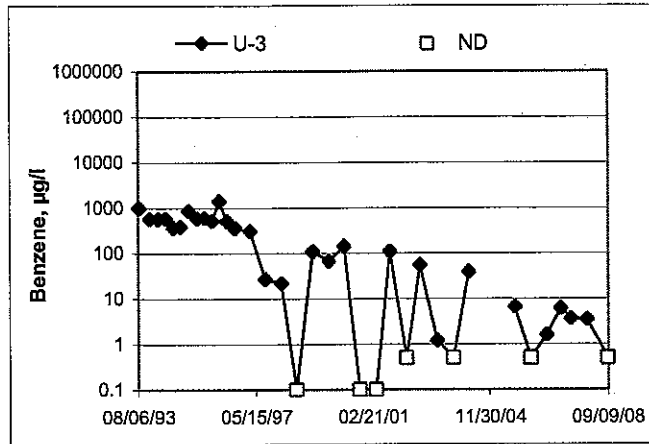
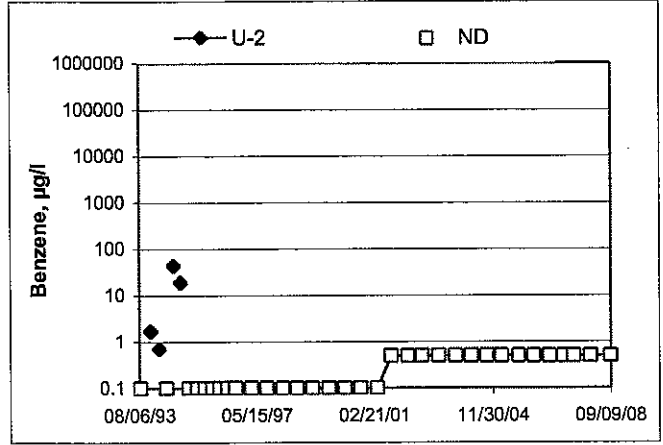
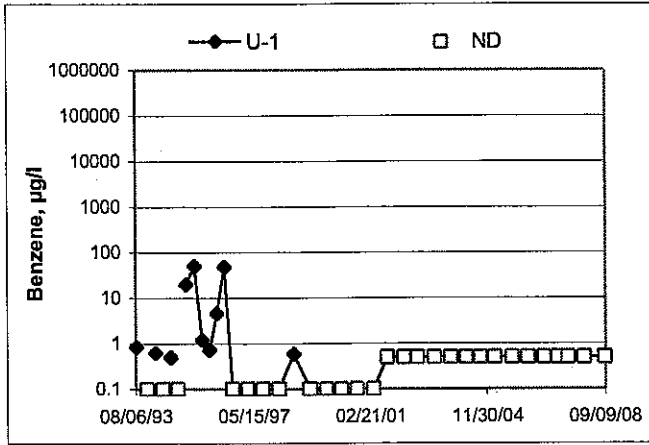
Elevations may have been corrected for apparent changes due to resurvey

Groundwater Elevations vs. Time  
76 Station 5430



Elevations may have been corrected for apparent changes due to resurvey

### Benzene Concentrations vs Time 76 Station 5430



# 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.

## FIELD MONITORING DATA SHEET

Technician: Baillio      Job #/Task #: 154 771-FA20      Date: 9-02-07  
 Site # 5430      Project Manager A. Collins      Page 1 of 1

Well #	TOC	Time Gauged	Total Depth	Depth to Water	Depth to Product	Product Thickness (feet)	Time Sampled	Misc. Well Notes
U-4	✓	0542	38.75	31.87	—	—	0719	2"
U-5	—	—	—	—	—	—	N/A	Paved Over
U-7	✓	0553	37.50	31.40	—	—	0928	2"
U-1	✓	0559	39.30	32.80	—	—	0855	24 BDK
U-6	✓	0607	40.15	32.30	—	—	0832	2"
U-2	✓	0611	39.20	31.70	—	—	0745	2"
U-3	✓	0619	38.40	31.65	—	—	0810	2"

FIELD DATA COMPLETE      QA/QC      COC      WELL BOX CONDITION SHEETS  
 MANIFEST      DRUM INVENTORY      TRAFFIC CONTROL





# GROUNDWATER SAMPLING FIELD NOTES

Technician: Basilio

Site: 5430

Project No.: 154771

Date: 9-02-08

Well No. U-4

Purge Method: HPB

Depth to Water (feet): 31.87

Depth to Product (feet):           

Total Depth (feet): 38.75

LPH & Water Recovered (gallons):           

Water Column (feet): 6.88

Casing Diameter (Inches): 2

80% Recharge Depth(feet): 33.24

1 Well Volume (gallons): 2

Time Start	Time Stop	Depth to Water (feet)	Volume Purged (gallons)	Conductivity (uS/cm)	Temperature (F/C)	pH	D.O. (mg/L)	ORP	Turbidity
<u>0652</u>			<u>2</u>	<u>599.5</u>	<u>18.1</u>	<u>10.16</u>			
			<u>4</u>	<u>587.4</u>	<u>18.3</u>	<u>8.87</u>			
	<u>0659</u>		<u>6</u>	<u>587.6</u>	<u>18.3</u>	<u>7.78</u>			
Static at Time Sampled			Total Gallons Purged			Sample Time			
<u>32.40</u>			<u>6</u>			<u>0719</u>			
Comments: <u>waited few minutes to recover 80%</u>									

Well No. U-7

Purge Method: HPB

Depth to Water (feet): 31.40

Depth to Product (feet):           

Total Depth (feet): 37.50

LPH & Water Recovered (gallons):           

Water Column (feet): 6.10

Casing Diameter (Inches): 2

80% Recharge Depth(feet): 32.62

1 Well Volume (gallons): 1

Time Start	Time Stop	Depth to Water (feet)	Volume Purged (gallons)	Conductivity (uS/cm)	Temperature (F/C)	pH	D.O. (mg/L)	ORP	Turbidity
<u>0904</u>			<u>1</u>	<u>769.1</u>	<u>21.4</u>	<u>6.39</u>			
			<u>2</u>	<u>769.6</u>	<u>20.6</u>	<u>6.38</u>			
	<u>0912</u>		<u>3</u>	<u>762.2</u>	<u>20.3</u>	<u>6.36</u>			
Static at Time Sampled			Total Gallons Purged			Sample Time			
<u>32.60</u>			<u>3</u>			<u>0928</u>			
Comments: <u>waited few minutes to recover</u>									

# GROUNDWATER SAMPLING FIELD NOTES

Technician: Bailin

Site: 5430

Project No.: 154771

Date: 9-02-08

Well No. U-1

Purge Method: HB

Depth to Water (feet): 32.80

Depth to Product (feet): —

Total Depth (feet): 39.30

LPH & Water Recovered (gallons): —

Water Column (feet): 6.50

Casing Diameter (Inches): 2

80% Recharge Depth(feet): 34.10

1 Well Volume (gallons): 2

Time Start	Time Stop	Depth to Water (feet)	Volume Purged (gallons)	Conductivity (uS/cm)	Temperature (F/C)	pH	D.O. (mg/L)	ORP	Turbidity
0840			2	796.3	19.7	6.34			
			4	760.4	19.4	6.31			
	0849		6	754.7	19.3	6.30			
Static at Time Sampled			Total Gallons Purged		Sample Time				
33.64			6		0855				
Comments:									

Well No. U-6

Purge Method: HB

Depth to Water (feet): 32.30

Depth to Product (feet): —

Total Depth (feet): 40.15

LPH & Water Recovered (gallons): —

Water Column (feet): 7.85

Casing Diameter (Inches): 2

80% Recharge Depth(feet): 33.87

1 Well Volume (gallons): 2

Time Start	Time Stop	Depth to Water (feet)	Volume Purged (gallons)	Conductivity (uS/cm)	Temperature (F/C)	pH	D.O. (mg/L)	ORP	Turbidity
0816			2	1182	19.4	6.23			
			4	1238	19.7	6.16			
	0825		6	1230	19.9	6.09			
Static at Time Sampled			Total Gallons Purged		Sample Time				
33.75			6		0832				
Comments:									



## GROUNDWATER SAMPLING FIELD NOTES

Technician: Baulio

Site: 5430

Project No.: 154771

Date: 9-02-08

Well No. U-2

Purge Method: HB

Depth to Water (feet): 31.70

Depth to Product (feet): —

Total Depth (feet): 39.20

LPH & Water Recovered (gallons): —

Water Column (feet): 7.50

Casing Diameter (Inches): 2

80% Recharge Depth(feet): 33.20

1 Well Volume (gallons): 2

Time Start	Time Stop	Depth to Water (feet)	Volume Purged (gallons)	Conductivity (uS/cm)	Temperature (F, C)	pH	D.O. (mg/L)	ORP	Turbidity
0729			2	561.8	17.6	7.01			
			4	556.7	18.7	6.88			
	0738		6	557.6	19.0	6.79			
Static at Time Sampled			Total Gallons Purged		Sample Time				
33.10			6		0745				
<b>Comments:</b>									

Well No. U-3

Purge Method: HB

Depth to Water (feet): 31.65

Depth to Product (feet): —

Total Depth (feet): 38.40

LPH & Water Recovered (gallons): —

Water Column (feet): 6.75

Casing Diameter (Inches): 2

80% Recharge Depth(feet): 33.00

1 Well Volume (gallons): 2

Time Start	Time Stop	Depth to Water (feet)	Volume Purged (gallons)	Conductivity (uS/cm)	Temperature (F, C)	pH	D.O. (mg/L)	ORP	Turbidity
0751			2	763.4	18.9	6.50			
			4	810.9	19.5	6.39			
	0805		6	818.5	15.6	6.35			
Static at Time Sampled			Total Gallons Purged		Sample Time				
32.46			6		0810				
<b>Comments:</b>									

STATEMENT OF NON-COMPLETION OF JOB

DATE OF EVENT: 9-02-08 STATION NUMBER: 5430

NAME OF TECH: Basilio CALLED GORDON: \_\_\_\_\_

CALLED PM:  NAME OF PM CALLED: A. Collins

WELL NUMBER: U-5 STATEMENT FROM PM \_\_\_\_\_ OR TECH

well paved Over

WELL NUMBER: \_\_\_\_\_ STATEMENT FROM PM \_\_\_\_\_ OR TECH \_\_\_\_\_

WELL NUMBER: \_\_\_\_\_ STATEMENT FROM PM \_\_\_\_\_ OR TECH \_\_\_\_\_

WELL NUMBER: \_\_\_\_\_ STATEMENT FROM PM \_\_\_\_\_ OR TECH \_\_\_\_\_

Date of Report: 09/09/2008

Anju Farfan

TRC  
21 Technology Drive  
Irvine, CA 92618

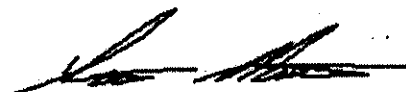
RE: 5430  
BC Work Order: 0811611

Enclosed are the results of analyses for samples received by the laboratory on 9/3/2008. If you have any questions concerning this report, please feel free to contact me.

Sincerely,



Contact Person: Molly Meyers  
Client Service Rep



Authorized Signature

TRC  
21 Technology Drive  
Irvine, CA 92618

Project: 5430  
Project Number: [none]  
Project Manager: Anju Farfan

Reported: 09/09/2008 9:28

### Laboratory / Client Sample Cross Reference

Laboratory	Client Sample Information		
0811611-01	COC Number: ---	Receive Date: 09/03/2008 23:07	Delivery Work Order:
	Project Number: 5430	Sampling Date: 09/02/2008 07:19	Global ID: T0600101765
	Sampling Location: U-4	Sample Depth: ---	Matrix: W
	Sampling Point: U-4	Sample Matrix: Water	Sample QC Type (SACode): CS
	Sampled By: TRCI		Cooler ID:
0811611-02	COC Number: ---	Receive Date: 09/03/2008 23:07	Delivery Work Order:
	Project Number: 5430	Sampling Date: 09/02/2008 09:28	Global ID: T0600101765
	Sampling Location: U-7	Sample Depth: ---	Matrix: W
	Sampling Point: U-7	Sample Matrix: Water	Sample QC Type (SACode): CS
	Sampled By: TRCI		Cooler ID:
0811611-03	COC Number: ---	Receive Date: 09/03/2008 23:07	Delivery Work Order:
	Project Number: 5430	Sampling Date: 09/02/2008 08:55	Global ID: T0600101765
	Sampling Location: U-1	Sample Depth: ---	Matrix: W
	Sampling Point: U-1	Sample Matrix: Water	Sample QC Type (SACode): CS
	Sampled By: TRCI		Cooler ID:
0811611-04	COC Number: ---	Receive Date: 09/03/2008 23:07	Delivery Work Order:
	Project Number: 5430	Sampling Date: 09/02/2008 08:32	Global ID: T0600101765
	Sampling Location: U-6	Sample Depth: ---	Matrix: W
	Sampling Point: U-6	Sample Matrix: Water	Sample QC Type (SACode): CS
	Sampled By: TRCI		Cooler ID:
0811611-05	COC Number: ---	Receive Date: 09/03/2008 23:07	Delivery Work Order:
	Project Number: 5430	Sampling Date: 09/02/2008 07:45	Global ID: T0600101765
	Sampling Location: U-2	Sample Depth: ---	Matrix: W
	Sampling Point: U-2	Sample Matrix: Water	Sample QC Type (SACode): CS
	Sampled By: TRCI		Cooler ID:



TRC  
21 Technology Drive  
Irvine, CA 92618

Project: 5430  
Project Number: [none]  
Project Manager: Anju Farfan

Reported: 09/09/2008 9:28

### Laboratory / Client Sample Cross Reference

Laboratory	Client Sample Information																									
0811611-06	<table> <tr> <td data-bbox="233 428 552 453">COC Number:</td> <td data-bbox="495 428 520 453">---</td> <td data-bbox="1121 428 1524 453">Receive Date:</td> <td data-bbox="1331 428 1524 453">09/03/2008 23:07</td> <td data-bbox="1562 428 1787 453">Delivery Work Order:</td> </tr> <tr> <td data-bbox="233 459 552 483">Project Number:</td> <td data-bbox="495 459 552 483">5430</td> <td data-bbox="1121 459 1524 483">Sampling Date:</td> <td data-bbox="1331 459 1524 483">09/02/2008 08:10</td> <td data-bbox="1562 459 1829 483">Global ID: T0600101765</td> </tr> <tr> <td data-bbox="233 490 552 514">Sampling Location:</td> <td data-bbox="495 490 537 514">U-3</td> <td data-bbox="1121 490 1524 514">Sample Depth:</td> <td data-bbox="1331 490 1356 514">---</td> <td data-bbox="1562 490 1671 514">Matrix: W</td> </tr> <tr> <td data-bbox="233 521 552 545">Sampling Point:</td> <td data-bbox="495 521 537 545">U-3</td> <td data-bbox="1121 521 1524 545">Sample Matrix:</td> <td data-bbox="1331 521 1398 545">Water</td> <td data-bbox="1562 521 1913 545">Sample QC Type (SACode): CS</td> </tr> <tr> <td data-bbox="233 552 552 576">Sampled By:</td> <td data-bbox="495 552 552 576">TRCI</td> <td></td> <td></td> <td data-bbox="1562 552 1671 576">Cooler ID:</td> </tr> </table>	COC Number:	---	Receive Date:	09/03/2008 23:07	Delivery Work Order:	Project Number:	5430	Sampling Date:	09/02/2008 08:10	Global ID: T0600101765	Sampling Location:	U-3	Sample Depth:	---	Matrix: W	Sampling Point:	U-3	Sample Matrix:	Water	Sample QC Type (SACode): CS	Sampled By:	TRCI			Cooler ID:
COC Number:	---	Receive Date:	09/03/2008 23:07	Delivery Work Order:																						
Project Number:	5430	Sampling Date:	09/02/2008 08:10	Global ID: T0600101765																						
Sampling Location:	U-3	Sample Depth:	---	Matrix: W																						
Sampling Point:	U-3	Sample Matrix:	Water	Sample QC Type (SACode): CS																						
Sampled By:	TRCI			Cooler ID:																						

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Project: 5430  
Project Number: [none]  
Project Manager: Anju Farfan

Reported: 09/09/2008 9:28

## Volatile Organic Analysis (EPA Method 8260)

BCL Sample ID: 0811611-01		Client Sample Name: 5430, U-4, U-4, 9/2/2008 7:19:00AM											
Constituent	Result	Units	PQL	MDL	Method	Prep Date	Run Date/Time	Analyst	Instru-ment ID	Dilution	QC Batch ID	MB Bias	Lab Quals
Benzene	ND	ug/L	0.50		EPA-8260	09/04/08	09/05/08 12:25	ANO	MS-V4	1	BRI0233	ND	
Ethylbenzene	ND	ug/L	0.50		EPA-8260	09/04/08	09/05/08 12:25	ANO	MS-V4	1	BRI0233	ND	
Methyl t-butyl ether	ND	ug/L	0.50		EPA-8260	09/04/08	09/05/08 12:25	ANO	MS-V4	1	BRI0233	ND	
Toluene	ND	ug/L	0.50		EPA-8260	09/04/08	09/05/08 12:25	ANO	MS-V4	1	BRI0233	ND	
Total Xylenes	ND	ug/L	1.0		EPA-8260	09/04/08	09/05/08 12:25	ANO	MS-V4	1	BRI0233	ND	
Total Purgeable Petroleum Hydrocarbons	ND	ug/L	50		EPA-8260	09/04/08	09/05/08 12:25	ANO	MS-V4	1	BRI0233	ND	
1,2-Dichloroethane-d4 (Surrogate)	103	%	76 - 114 (LCL - UCL)		EPA-8260	09/04/08	09/05/08 12:25	ANO	MS-V4	1	BRI0233		
Toluene-d8 (Surrogate)	101	%	88 - 110 (LCL - UCL)		EPA-8260	09/04/08	09/05/08 12:25	ANO	MS-V4	1	BRI0233		
4-Bromofluorobenzene (Surrogate)	102	%	86 - 115 (LCL - UCL)		EPA-8260	09/04/08	09/05/08 12:25	ANO	MS-V4	1	BRI0233		

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TRC  
21 Technology Drive  
Irvine, CA 92618

Project: 5430  
Project Number: [none]  
Project Manager: Anju Farfan

Reported: 09/09/2008 9:28

## Volatile Organic Analysis (EPA Method 8260)

BCL Sample ID: 0811611-02		Client Sample Name: 5430, U-7, U-7, 9/2/2008 9:28:00AM											
Constituent	Result	Units	PQL	MDL	Method	Prep Date	Run Date/Time	Analyst	Instrument ID	Dilution	QC Batch ID	MB Bias	Lab Quals
Benzene	ND	ug/L	0.50		EPA-8260	09/04/08	09/04/08 15:40	ANO	MS-V4	1	BRI0233	ND	
Bromodichloromethane	ND	ug/L	0.50		EPA-8260	09/04/08	09/04/08 15:40	ANO	MS-V4	1	BRI0233	ND	
Bromoform	ND	ug/L	0.50		EPA-8260	09/04/08	09/04/08 15:40	ANO	MS-V4	1	BRI0233	ND	
Bromomethane	ND	ug/L	1.0		EPA-8260	09/04/08	09/04/08 15:40	ANO	MS-V4	1	BRI0233	ND	
Carbon tetrachloride	ND	ug/L	0.50		EPA-8260	09/04/08	09/04/08 15:40	ANO	MS-V4	1	BRI0233	ND	
Chlorobenzene	ND	ug/L	0.50		EPA-8260	09/04/08	09/04/08 15:40	ANO	MS-V4	1	BRI0233	ND	
Chloroethane	ND	ug/L	0.50		EPA-8260	09/04/08	09/04/08 15:40	ANO	MS-V4	1	BRI0233	ND	
Chloroform	0.66	ug/L	0.50		EPA-8260	09/04/08	09/04/08 15:40	ANO	MS-V4	1	BRI0233	ND	
Chloromethane	ND	ug/L	0.50		EPA-8260	09/04/08	09/04/08 15:40	ANO	MS-V4	1	BRI0233	ND	
Dibromochloromethane	ND	ug/L	0.50		EPA-8260	09/04/08	09/04/08 15:40	ANO	MS-V4	1	BRI0233	ND	
1,2-Dichlorobenzene	ND	ug/L	0.50		EPA-8260	09/04/08	09/04/08 15:40	ANO	MS-V4	1	BRI0233	ND	
1,3-Dichlorobenzene	ND	ug/L	0.50		EPA-8260	09/04/08	09/04/08 15:40	ANO	MS-V4	1	BRI0233	ND	
1,4-Dichlorobenzene	ND	ug/L	0.50		EPA-8260	09/04/08	09/04/08 15:40	ANO	MS-V4	1	BRI0233	ND	
Dichlorodifluoromethane	ND	ug/L	0.50		EPA-8260	09/04/08	09/04/08 15:40	ANO	MS-V4	1	BRI0233	ND	
1,1-Dichloroethane	ND	ug/L	0.50		EPA-8260	09/04/08	09/04/08 15:40	ANO	MS-V4	1	BRI0233	ND	
1,2-Dichloroethane	ND	ug/L	0.50		EPA-8260	09/04/08	09/04/08 15:40	ANO	MS-V4	1	BRI0233	ND	
1,1-Dichloroethene	ND	ug/L	0.50		EPA-8260	09/04/08	09/04/08 15:40	ANO	MS-V4	1	BRI0233	ND	
cis-1,2-Dichloroethene	ND	ug/L	0.50		EPA-8260	09/04/08	09/04/08 15:40	ANO	MS-V4	1	BRI0233	ND	
trans-1,2-Dichloroethene	ND	ug/L	0.50		EPA-8260	09/04/08	09/04/08 15:40	ANO	MS-V4	1	BRI0233	ND	
1,2-Dichloropropane	ND	ug/L	0.50		EPA-8260	09/04/08	09/04/08 15:40	ANO	MS-V4	1	BRI0233	ND	
cis-1,3-Dichloropropene	ND	ug/L	0.50		EPA-8260	09/04/08	09/04/08 15:40	ANO	MS-V4	1	BRI0233	ND	
trans-1,3-Dichloropropene	ND	ug/L	0.50		EPA-8260	09/04/08	09/04/08 15:40	ANO	MS-V4	1	BRI0233	ND	
Ethylbenzene	ND	ug/L	0.50		EPA-8260	09/04/08	09/04/08 15:40	ANO	MS-V4	1	BRI0233	ND	

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Project: 5430  
Project Number: [none]  
Project Manager: Anju Farfan

Reported: 09/09/2008 9:28

## Volatile Organic Analysis (EPA Method 8260)

BCL Sample ID: 0811611-02		Client Sample Name: 5430, U-7, U-7, 9/2/2008 9:28:00AM											
Constituent	Result	Units	PQL	MDL	Method	Prep Date	Run Date/Time	Analyst	Instru-ment ID	Dilution	QC Batch ID	MB Bias	Lab Quals
Methylene chloride	ND	ug/L	1.0		EPA-8260	09/04/08	09/04/08 15:40	ANO	MS-V4	1	BRI0233	ND	
Methyl t-butyl ether	ND	ug/L	0.50		EPA-8260	09/04/08	09/04/08 15:40	ANO	MS-V4	1	BRI0233	ND	
1,1,2,2-Tetrachloroethane	ND	ug/L	0.50		EPA-8260	09/04/08	09/04/08 15:40	ANO	MS-V4	1	BRI0233	ND	
Tetrachloroethene	ND	ug/L	0.50		EPA-8260	09/04/08	09/04/08 15:40	ANO	MS-V4	1	BRI0233	ND	
Toluene	ND	ug/L	0.50		EPA-8260	09/04/08	09/04/08 15:40	ANO	MS-V4	1	BRI0233	ND	
1,1,1-Trichloroethane	ND	ug/L	0.50		EPA-8260	09/04/08	09/04/08 15:40	ANO	MS-V4	1	BRI0233	ND	
1,1,2-Trichloroethane	ND	ug/L	0.50		EPA-8260	09/04/08	09/04/08 15:40	ANO	MS-V4	1	BRI0233	ND	
Trichloroethene	ND	ug/L	0.50		EPA-8260	09/04/08	09/04/08 15:40	ANO	MS-V4	1	BRI0233	ND	
Trichlorofluoromethane	ND	ug/L	0.50		EPA-8260	09/04/08	09/04/08 15:40	ANO	MS-V4	1	BRI0233	ND	
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	ug/L	0.50		EPA-8260	09/04/08	09/04/08 15:40	ANO	MS-V4	1	BRI0233	ND	
Vinyl chloride	ND	ug/L	0.50		EPA-8260	09/04/08	09/04/08 15:40	ANO	MS-V4	1	BRI0233	ND	
Total Xylenes	ND	ug/L	1.0		EPA-8260	09/04/08	09/04/08 15:40	ANO	MS-V4	1	BRI0233	ND	
Total Purgeable Petroleum Hydrocarbons	ND	ug/L	50		EPA-8260	09/04/08	09/04/08 15:40	ANO	MS-V4	1	BRI0233	ND	
1,2-Dichloroethane-d4 (Surrogate)	109	%	76 - 114 (LCL - UCL)		EPA-8260	09/04/08	09/04/08 15:40	ANO	MS-V4	1	BRI0233		
Toluene-d8 (Surrogate)	100	%	88 - 110 (LCL - UCL)		EPA-8260	09/04/08	09/04/08 15:40	ANO	MS-V4	1	BRI0233		
4-Bromofluorobenzene (Surrogate)	103	%	86 - 115 (LCL - UCL)		EPA-8260	09/04/08	09/04/08 15:40	ANO	MS-V4	1	BRI0233		

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Project: 5430  
Project Number: [none]  
Project Manager: Anju Farfan

Reported: 09/09/2008 9:28

### Volatile Organic Analysis (EPA Method 8260)

BCL Sample ID: 0811611-03		Client Sample Name: 5430, U-1, U-1, 9/2/2008 8:55:00AM												
Constituent	Result	Units	PQL	MDL	Method	Prep Date	Run Date/Time	Analyst	Instrument ID	Dilution	QC Batch ID	MB Bias	Lab Quals	
Benzene	ND	ug/L	0.50		EPA-8260	09/04/08	09/04/08 16:05	ANO	MS-V4	1	BRI0233	ND		
Bromodichloromethane	ND	ug/L	0.50		EPA-8260	09/04/08	09/04/08 16:05	ANO	MS-V4	1	BRI0233	ND		
Bromoform	ND	ug/L	0.50		EPA-8260	09/04/08	09/04/08 16:05	ANO	MS-V4	1	BRI0233	ND		
Bromomethane	ND	ug/L	1.0		EPA-8260	09/04/08	09/04/08 16:05	ANO	MS-V4	1	BRI0233	ND		
Carbon tetrachloride	ND	ug/L	0.50		EPA-8260	09/04/08	09/04/08 16:05	ANO	MS-V4	1	BRI0233	ND		
Chlorobenzene	ND	ug/L	0.50		EPA-8260	09/04/08	09/04/08 16:05	ANO	MS-V4	1	BRI0233	ND		
Chloroethane	ND	ug/L	0.50		EPA-8260	09/04/08	09/04/08 16:05	ANO	MS-V4	1	BRI0233	ND		
Chloroform	ND	ug/L	0.50		EPA-8260	09/04/08	09/04/08 16:05	ANO	MS-V4	1	BRI0233	ND		
Chloromethane	ND	ug/L	0.50		EPA-8260	09/04/08	09/04/08 16:05	ANO	MS-V4	1	BRI0233	ND		
Dibromochloromethane	ND	ug/L	0.50		EPA-8260	09/04/08	09/04/08 16:05	ANO	MS-V4	1	BRI0233	ND		
1,2-Dichlorobenzene	ND	ug/L	0.50		EPA-8260	09/04/08	09/04/08 16:05	ANO	MS-V4	1	BRI0233	ND		
1,3-Dichlorobenzene	ND	ug/L	0.50		EPA-8260	09/04/08	09/04/08 16:05	ANO	MS-V4	1	BRI0233	ND		
1,4-Dichlorobenzene	ND	ug/L	0.50		EPA-8260	09/04/08	09/04/08 16:05	ANO	MS-V4	1	BRI0233	ND		
Dichlorodifluoromethane	ND	ug/L	0.50		EPA-8260	09/04/08	09/04/08 16:05	ANO	MS-V4	1	BRI0233	ND		
1,1-Dichloroethane	ND	ug/L	0.50		EPA-8260	09/04/08	09/04/08 16:05	ANO	MS-V4	1	BRI0233	ND		
1,2-Dichloroethane	ND	ug/L	0.50		EPA-8260	09/04/08	09/04/08 16:05	ANO	MS-V4	1	BRI0233	ND		
1,1-Dichloroethene	ND	ug/L	0.50		EPA-8260	09/04/08	09/04/08 16:05	ANO	MS-V4	1	BRI0233	ND		
cis-1,2-Dichloroethene	ND	ug/L	0.50		EPA-8260	09/04/08	09/04/08 16:05	ANO	MS-V4	1	BRI0233	ND		
trans-1,2-Dichloroethene	ND	ug/L	0.50		EPA-8260	09/04/08	09/04/08 16:05	ANO	MS-V4	1	BRI0233	ND		
1,2-Dichloropropane	ND	ug/L	0.50		EPA-8260	09/04/08	09/04/08 16:05	ANO	MS-V4	1	BRI0233	ND		
cis-1,3-Dichloropropene	ND	ug/L	0.50		EPA-8260	09/04/08	09/04/08 16:05	ANO	MS-V4	1	BRI0233	ND		
trans-1,3-Dichloropropene	ND	ug/L	0.50		EPA-8260	09/04/08	09/04/08 16:05	ANO	MS-V4	1	BRI0233	ND		
Ethylbenzene	ND	ug/L	0.50		EPA-8260	09/04/08	09/04/08 16:05	ANO	MS-V4	1	BRI0233	ND		

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## Volatile Organic Analysis (EPA Method 8260)

BCL Sample ID: 0811611-03		Client Sample Name: 5430, U-1, U-1, 9/2/2008 8:55:00AM											
Constituent	Result	Units	PQL	MDL	Method	Prep Date	Run Date/Time	Analyst	Instru-ment ID	Dilution	QC Batch ID	MB Bias	Lab Quals
Methylene chloride	ND	ug/L	1.0		EPA-8260	09/04/08	09/04/08 16:05	ANO	MS-V4	1	BRI0233	ND	
Methyl t-butyl ether	ND	ug/L	0.50		EPA-8260	09/04/08	09/04/08 16:05	ANO	MS-V4	1	BRI0233	ND	
1,1,2,2-Tetrachloroethane	ND	ug/L	0.50		EPA-8260	09/04/08	09/04/08 16:05	ANO	MS-V4	1	BRI0233	ND	
Tetrachloroethene	ND	ug/L	0.50		EPA-8260	09/04/08	09/04/08 16:05	ANO	MS-V4	1	BRI0233	ND	
Toluene	ND	ug/L	0.50		EPA-8260	09/04/08	09/04/08 16:05	ANO	MS-V4	1	BRI0233	ND	
1,1,1-Trichloroethane	ND	ug/L	0.50		EPA-8260	09/04/08	09/04/08 16:05	ANO	MS-V4	1	BRI0233	ND	
1,1,2-Trichloroethane	ND	ug/L	0.50		EPA-8260	09/04/08	09/04/08 16:05	ANO	MS-V4	1	BRI0233	ND	
Trichloroethene	ND	ug/L	0.50		EPA-8260	09/04/08	09/04/08 16:05	ANO	MS-V4	1	BRI0233	ND	
Trichlorofluoromethane	ND	ug/L	0.50		EPA-8260	09/04/08	09/04/08 16:05	ANO	MS-V4	1	BRI0233	ND	
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	ug/L	0.50		EPA-8260	09/04/08	09/04/08 16:05	ANO	MS-V4	1	BRI0233	ND	
Vinyl chloride	ND	ug/L	0.50		EPA-8260	09/04/08	09/04/08 16:05	ANO	MS-V4	1	BRI0233	ND	
Total Xylenes	ND	ug/L	1.0		EPA-8260	09/04/08	09/04/08 16:05	ANO	MS-V4	1	BRI0233	ND	
Total Purgeable Petroleum Hydrocarbons	ND	ug/L	50		EPA-8260	09/04/08	09/04/08 16:05	ANO	MS-V4	1	BRI0233	ND	
1,2-Dichloroethane-d4 (Surrogate)	108	%	76 - 114 (LCL - UCL)		EPA-8260	09/04/08	09/04/08 16:05	ANO	MS-V4	1	BRI0233		
Toluene-d8 (Surrogate)	105	%	88 - 110 (LCL - UCL)		EPA-8260	09/04/08	09/04/08 16:05	ANO	MS-V4	1	BRI0233		
4-Bromofluorobenzene (Surrogate)	97.0	%	86 - 115 (LCL - UCL)		EPA-8260	09/04/08	09/04/08 16:05	ANO	MS-V4	1	BRI0233		

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## Volatile Organic Analysis (EPA Method 8260)

BCL Sample ID: 0811611-04		Client Sample Name: 5430, U-6, U-6, 9/2/2008 8:32:00AM											
Constituent	Result	Units	PQL	MDL	Method	Prep Date	Run Date/Time	Analyst	Instru-ment ID	Dilution	QC Batch ID	MB Bias	Lab Quais
Benzene	ND	ug/L	0.50		EPA-8260	09/04/08	09/04/08 17:19	ANO	MS-V4	1	BRI0233	ND	
Ethylbenzene	1.9	ug/L	0.50		EPA-8260	09/04/08	09/04/08 17:19	ANO	MS-V4	1	BRI0233	ND	
Methyl t-butyl ether	1.2	ug/L	0.50		EPA-8260	09/04/08	09/04/08 17:19	ANO	MS-V4	1	BRI0233	ND	
Toluene	ND	ug/L	0.50		EPA-8260	09/04/08	09/04/08 17:19	ANO	MS-V4	1	BRI0233	ND	
Total Xylenes	ND	ug/L	1.0		EPA-8260	09/04/08	09/04/08 17:19	ANO	MS-V4	1	BRI0233	ND	
Total Purgeable Petroleum Hydrocarbons	1000	ug/L	50		EPA-8260	09/04/08	09/04/08 17:19	ANO	MS-V4	1	BRI0233	ND	
1,2-Dichloroethane-d4 (Surrogate)	111	%	76 - 114 (LCL - UCL)		EPA-8260	09/04/08	09/04/08 17:19	ANO	MS-V4	1	BRI0233		
Toluene-d8 (Surrogate)	103	%	88 - 110 (LCL - UCL)		EPA-8260	09/04/08	09/04/08 17:19	ANO	MS-V4	1	BRI0233		
4-Bromofluorobenzene (Surrogate)	104	%	86 - 115 (LCL - UCL)		EPA-8260	09/04/08	09/04/08 17:19	ANO	MS-V4	1	BRI0233		

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## Volatile Organic Analysis (EPA Method 8260)

BCL Sample ID: 0811611-05		Client Sample Name: 5430, U-2, U-2, 9/2/2008 7:45:00AM											
Constituent	Result	Units	PQL	MDL	Method	Prep	Run	Analyst	Instru- ment ID	Dilution	QC	MB	Lab
						Date	Date/Time				Batch ID	Bias	Quals
Benzene	ND	ug/L	0.50		EPA-8260	09/04/08	09/04/08 16:29	ANO	MS-V4	1	BRI0233	ND	
Ethylbenzene	ND	ug/L	0.50		EPA-8260	09/04/08	09/04/08 16:29	ANO	MS-V4	1	BRI0233	ND	
Methyl t-butyl ether	0.66	ug/L	0.50		EPA-8260	09/04/08	09/04/08 16:29	ANO	MS-V4	1	BRI0233	ND	
Toluene	ND	ug/L	0.50		EPA-8260	09/04/08	09/04/08 16:29	ANO	MS-V4	1	BRI0233	ND	
Total Xylenes	ND	ug/L	1.0		EPA-8260	09/04/08	09/04/08 16:29	ANO	MS-V4	1	BRI0233	ND	
Total Purgeable Petroleum Hydrocarbons	ND	ug/L	50		EPA-8260	09/04/08	09/04/08 16:29	ANO	MS-V4	1	BRI0233	ND	
1,2-Dichloroethane-d4 (Surrogate)	108	%	76 - 114 (LCL - UCL)		EPA-8260	09/04/08	09/04/08 16:29	ANO	MS-V4	1	BRI0233		
Toluene-d8 (Surrogate)	104	%	88 - 110 (LCL - UCL)		EPA-8260	09/04/08	09/04/08 16:29	ANO	MS-V4	1	BRI0233		
4-Bromofluorobenzene (Surrogate)	102	%	86 - 115 (LCL - UCL)		EPA-8260	09/04/08	09/04/08 16:29	ANO	MS-V4	1	BRI0233		

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## Volatile Organic Analysis (EPA Method 8260)

BCL Sample ID: 0811611-06		Client Sample Name: 5430, U-3, U-3, 9/2/2008 8:10:00AM											
Constituent	Result	Units	PQL	MDL	Method	Prep Date	Run Date/Time	Analyst	Instru-ment ID	Dilution	QC Batch ID	MB Bias	Lab Quals
Benzene	ND	ug/L	0.50		EPA-8260	09/04/08	09/04/08 16:54	ANO	MS-V4	1	BRI0233	ND	
Bromodichloromethane	ND	ug/L	0.50		EPA-8260	09/04/08	09/04/08 16:54	ANO	MS-V4	1	BRI0233	ND	
Bromoform	ND	ug/L	0.50		EPA-8260	09/04/08	09/04/08 16:54	ANO	MS-V4	1	BRI0233	ND	
Bromomethane	ND	ug/L	1.0		EPA-8260	09/04/08	09/04/08 16:54	ANO	MS-V4	1	BRI0233	ND	
Carbon tetrachloride	ND	ug/L	0.50		EPA-8260	09/04/08	09/04/08 16:54	ANO	MS-V4	1	BRI0233	ND	
Chlorobenzene	ND	ug/L	0.50		EPA-8260	09/04/08	09/04/08 16:54	ANO	MS-V4	1	BRI0233	ND	
Chloroethane	ND	ug/L	0.50		EPA-8260	09/04/08	09/04/08 16:54	ANO	MS-V4	1	BRI0233	ND	
Chloroform	ND	ug/L	0.50		EPA-8260	09/04/08	09/04/08 16:54	ANO	MS-V4	1	BRI0233	ND	
Chloromethane	ND	ug/L	0.50		EPA-8260	09/04/08	09/04/08 16:54	ANO	MS-V4	1	BRI0233	ND	
Dibromochloromethane	ND	ug/L	0.50		EPA-8260	09/04/08	09/04/08 16:54	ANO	MS-V4	1	BRI0233	ND	
1,2-Dichlorobenzene	ND	ug/L	0.50		EPA-8260	09/04/08	09/04/08 16:54	ANO	MS-V4	1	BRI0233	ND	
1,3-Dichlorobenzene	ND	ug/L	0.50		EPA-8260	09/04/08	09/04/08 16:54	ANO	MS-V4	1	BRI0233	ND	
1,4-Dichlorobenzene	ND	ug/L	0.50		EPA-8260	09/04/08	09/04/08 16:54	ANO	MS-V4	1	BRI0233	ND	
Dichlorodifluoromethane	ND	ug/L	0.50		EPA-8260	09/04/08	09/04/08 16:54	ANO	MS-V4	1	BRI0233	ND	
1,1-Dichloroethane	ND	ug/L	0.50		EPA-8260	09/04/08	09/04/08 16:54	ANO	MS-V4	1	BRI0233	ND	
1,2-Dichloroethane	ND	ug/L	0.50		EPA-8260	09/04/08	09/04/08 16:54	ANO	MS-V4	1	BRI0233	ND	
1,1-Dichloroethene	ND	ug/L	0.50		EPA-8260	09/04/08	09/04/08 16:54	ANO	MS-V4	1	BRI0233	ND	
cis-1,2-Dichloroethene	ND	ug/L	0.50		EPA-8260	09/04/08	09/04/08 16:54	ANO	MS-V4	1	BRI0233	ND	
trans-1,2-Dichloroethene	ND	ug/L	0.50		EPA-8260	09/04/08	09/04/08 16:54	ANO	MS-V4	1	BRI0233	ND	
1,2-Dichloropropane	ND	ug/L	0.50		EPA-8260	09/04/08	09/04/08 16:54	ANO	MS-V4	1	BRI0233	ND	
cis-1,3-Dichloropropene	ND	ug/L	0.50		EPA-8260	09/04/08	09/04/08 16:54	ANO	MS-V4	1	BRI0233	ND	
trans-1,3-Dichloropropene	ND	ug/L	0.50		EPA-8260	09/04/08	09/04/08 16:54	ANO	MS-V4	1	BRI0233	ND	
Ethylbenzene	0.77	ug/L	0.50		EPA-8260	09/04/08	09/04/08 16:54	ANO	MS-V4	1	BRI0233	ND	

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## Volatile Organic Analysis (EPA Method 8260)

BCL Sample ID: 0811611-06		Client Sample Name: 5430, U-3, U-3, 9/2/2008 8:10:00AM											
Constituent	Result	Units	PQL	MDL	Method	Prep Date	Run Date/Time	Analyst	Instru-ment ID	Dilution	QC Batch ID	MB Bias	Lab Quals
Methylene chloride	ND	ug/L	1.0		EPA-8260	09/04/08	09/04/08 16:54	ANO	MS-V4	1	BRI0233	ND	
Methyl t-butyl ether	0.76	ug/L	0.50		EPA-8260	09/04/08	09/04/08 16:54	ANO	MS-V4	1	BRI0233	ND	
1,1,2,2-Tetrachloroethane	ND	ug/L	0.50		EPA-8260	09/04/08	09/04/08 16:54	ANO	MS-V4	1	BRI0233	ND	
Tetrachloroethene	ND	ug/L	0.50		EPA-8260	09/04/08	09/04/08 16:54	ANO	MS-V4	1	BRI0233	ND	
Toluene	ND	ug/L	0.50		EPA-8260	09/04/08	09/04/08 16:54	ANO	MS-V4	1	BRI0233	ND	
1,1,1-Trichloroethane	ND	ug/L	0.50		EPA-8260	09/04/08	09/04/08 16:54	ANO	MS-V4	1	BRI0233	ND	
1,1,2-Trichloroethane	ND	ug/L	0.50		EPA-8260	09/04/08	09/04/08 16:54	ANO	MS-V4	1	BRI0233	ND	
Trichloroethene	ND	ug/L	0.50		EPA-8260	09/04/08	09/04/08 16:54	ANO	MS-V4	1	BRI0233	ND	
Trichlorofluoromethane	ND	ug/L	0.50		EPA-8260	09/04/08	09/04/08 16:54	ANO	MS-V4	1	BRI0233	ND	
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	ug/L	0.50		EPA-8260	09/04/08	09/04/08 16:54	ANO	MS-V4	1	BRI0233	ND	
Vinyl chloride	ND	ug/L	0.50		EPA-8260	09/04/08	09/04/08 16:54	ANO	MS-V4	1	BRI0233	ND	
Total Xylenes	ND	ug/L	1.0		EPA-8260	09/04/08	09/04/08 16:54	ANO	MS-V4	1	BRI0233	ND	
Total Purgeable Petroleum Hydrocarbons	400	ug/L	50		EPA-8260	09/04/08	09/04/08 16:54	ANO	MS-V4	1	BRI0233	ND	
1,2-Dichloroethane-d4 (Surrogate)	111	%	76 - 114 (LCL - UCL)		EPA-8260	09/04/08	09/04/08 16:54	ANO	MS-V4	1	BRI0233		
Toluene-d8 (Surrogate)	102	%	88 - 110 (LCL - UCL)		EPA-8260	09/04/08	09/04/08 16:54	ANO	MS-V4	1	BRI0233		
4-Bromofluorobenzene (Surrogate)	101	%	86 - 115 (LCL - UCL)		EPA-8260	09/04/08	09/04/08 16:54	ANO	MS-V4	1	BRI0233		

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## Volatile Organic Analysis (EPA Method 8260)

### Quality Control Report - Precision & Accuracy

Constituent	Batch ID	QC Sample Type	Source Sample ID	Source Result	Result	Spike Added	Units	RPD	Control Limits		
									Percent Recovery	RPD	Percent Recovery Lab Quals
Benzene	BRI0233	Matrix Spike	0811604-03	0	24.730	25.000	ug/L		98.9		70 - 130
		Matrix Spike Duplicate	0811604-03	0	23.670	25.000	ug/L	4.3	94.7	20	70 - 130
Bromodichloromethane	BRI0233	Matrix Spike	0811604-03	0	27.370	25.000	ug/L		109		70 - 130
		Matrix Spike Duplicate	0811604-03	0	26.320	25.000	ug/L	3.7	105	20	70 - 130
Chlorobenzene	BRI0233	Matrix Spike	0811604-03	0	24.890	25.000	ug/L		99.6		70 - 130
		Matrix Spike Duplicate	0811604-03	0	23.770	25.000	ug/L	4.6	95.1	20	70 - 130
Chloroethane	BRI0233	Matrix Spike	0811604-03	0	22.220	25.000	ug/L		88.9		70 - 130
		Matrix Spike Duplicate	0811604-03	0	21.220	25.000	ug/L	4.6	84.9	20	70 - 130
1,4-Dichlorobenzene	BRI0233	Matrix Spike	0811604-03	0	24.660	25.000	ug/L		98.6		70 - 130
		Matrix Spike Duplicate	0811604-03	0	23.150	25.000	ug/L	6.3	92.6	20	70 - 130
1,1-Dichloroethane	BRI0233	Matrix Spike	0811604-03	0	25.910	25.000	ug/L		104		70 - 130
		Matrix Spike Duplicate	0811604-03	0	24.720	25.000	ug/L	5.0	98.9	20	70 - 130
1,1-Dichloroethene	BRI0233	Matrix Spike	0811604-03	0	24.010	25.000	ug/L		96.0		70 - 130
		Matrix Spike Duplicate	0811604-03	0	23.100	25.000	ug/L	3.8	92.4	20	70 - 130
Toluene	BRI0233	Matrix Spike	0811604-03	0	25.880	25.000	ug/L		104		70 - 130
		Matrix Spike Duplicate	0811604-03	0	24.460	25.000	ug/L	6.1	97.8	20	70 - 130
Trichloroethene	BRI0233	Matrix Spike	0811604-03	0	26.530	25.000	ug/L		106		70 - 130
		Matrix Spike Duplicate	0811604-03	0	25.160	25.000	ug/L	4.8	101	20	70 - 130
1,2-Dichloroethane-d4 (Surrogate)	BRI0233	Matrix Spike	0811604-03	ND	10.460	10.000	ug/L		105		76 - 114
		Matrix Spike Duplicate	0811604-03	ND	10.450	10.000	ug/L		104		76 - 114
Toluene-d8 (Surrogate)	BRI0233	Matrix Spike	0811604-03	ND	10.220	10.000	ug/L		102		88 - 110
		Matrix Spike Duplicate	0811604-03	ND	10.240	10.000	ug/L		102		88 - 110
4-Bromofluorobenzene (Surrogate)	BRI0233	Matrix Spike	0811604-03	ND	10.030	10.000	ug/L		100		86 - 115
		Matrix Spike Duplicate	0811604-03	ND	10.330	10.000	ug/L		103		86 - 115

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

TRC  
21 Technology Drive  
Irvine, CA 92618

Project: 5430  
Project Number: [none]  
Project Manager: Anju Farfan

Reported: 09/09/2008 9:28

## Volatile Organic Analysis (EPA Method 8260)

### Quality Control Report - Laboratory Control Sample

Constituent	Batch ID	QC Sample ID	QC Type	Result	Spike Level	PQL	Units	Percent Recovery	Control Limits		Lab Quals
									RPD	Percent Recovery	
Benzene	BRI0233	BRI0233-BS1	LCS	22.270	25.000	0.50	ug/L	89.1		70 - 130	
Bromodichloromethane	BRI0233	BRI0233-BS1	LCS	24.840	25.000	0.50	ug/L	99.4		70 - 130	
Chlorobenzene	BRI0233	BRI0233-BS1	LCS	23.120	25.000	0.50	ug/L	92.5		70 - 130	
Chloroethane	BRI0233	BRI0233-BS1	LCS	19.940	25.000	0.50	ug/L	79.8		70 - 130	
1,4-Dichlorobenzene	BRI0233	BRI0233-BS1	LCS	22.760	25.000	0.50	ug/L	91.0		70 - 130	
1,1-Dichloroethane	BRI0233	BRI0233-BS1	LCS	23.070	25.000	0.50	ug/L	92.3		70 - 130	
1,1-Dichloroethene	BRI0233	BRI0233-BS1	LCS	21.660	25.000	0.50	ug/L	86.6		70 - 130	
Toluene	BRI0233	BRI0233-BS1	LCS	23.480	25.000	0.50	ug/L	93.9		70 - 130	
Trichloroethene	BRI0233	BRI0233-BS1	LCS	24.450	25.000	0.50	ug/L	97.8		70 - 130	
1,2-Dichloroethane-d4 (Surrogate)	BRI0233	BRI0233-BS1	LCS	10.290	10.000		ug/L	103		76 - 114	
Toluene-d8 (Surrogate)	BRI0233	BRI0233-BS1	LCS	10.380	10.000		ug/L	104		88 - 110	
4-Bromofluorobenzene (Surrogate)	BRI0233	BRI0233-BS1	LCS	10.420	10.000		ug/L	104		86 - 115	

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Irvine, CA 92618

Project: 5430  
Project Number: [none]  
Project Manager: Anju Farfan

Reported: 09/09/2008 9:28

## Volatile Organic Analysis (EPA Method 8260)

### Quality Control Report - Method Blank Analysis

Constituent	Batch ID	QC Sample ID	MB Result	Units	PQL	MDL	Lab Quals
Benzene	BRI0233	BRI0233-BLK1	ND	ug/L	0.50		
Bromodichloromethane	BRI0233	BRI0233-BLK1	ND	ug/L	0.50		
Bromoform	BRI0233	BRI0233-BLK1	ND	ug/L	0.50		
Bromomethane	BRI0233	BRI0233-BLK1	ND	ug/L	1.0		
Carbon tetrachloride	BRI0233	BRI0233-BLK1	ND	ug/L	0.50		
Chlorobenzene	BRI0233	BRI0233-BLK1	ND	ug/L	0.50		
Chloroethane	BRI0233	BRI0233-BLK1	ND	ug/L	0.50		
Chloroform	BRI0233	BRI0233-BLK1	ND	ug/L	0.50		
Chloromethane	BRI0233	BRI0233-BLK1	ND	ug/L	0.50		
Dibromochloromethane	BRI0233	BRI0233-BLK1	ND	ug/L	0.50		
1,2-Dichlorobenzene	BRI0233	BRI0233-BLK1	ND	ug/L	0.50		
1,3-Dichlorobenzene	BRI0233	BRI0233-BLK1	ND	ug/L	0.50		
1,4-Dichlorobenzene	BRI0233	BRI0233-BLK1	ND	ug/L	0.50		
Dichlorodifluoromethane	BRI0233	BRI0233-BLK1	ND	ug/L	0.50		
1,1-Dichloroethane	BRI0233	BRI0233-BLK1	ND	ug/L	0.50		
1,2-Dichloroethane	BRI0233	BRI0233-BLK1	ND	ug/L	0.50		
1,1-Dichloroethene	BRI0233	BRI0233-BLK1	ND	ug/L	0.50		
cis-1,2-Dichloroethene	BRI0233	BRI0233-BLK1	ND	ug/L	0.50		
trans-1,2-Dichloroethene	BRI0233	BRI0233-BLK1	ND	ug/L	0.50		
1,2-Dichloropropane	BRI0233	BRI0233-BLK1	ND	ug/L	0.50		
cis-1,3-Dichloropropene	BRI0233	BRI0233-BLK1	ND	ug/L	0.50		
trans-1,3-Dichloropropene	BRI0233	BRI0233-BLK1	ND	ug/L	0.50		
Ethylbenzene	BRI0233	BRI0233-BLK1	ND	ug/L	0.50		
Methylene chloride	BRI0233	BRI0233-BLK1	ND	ug/L	1.0		

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Project: 5430  
Project Number: [none]  
Project Manager: Anju Farfan

Reported: 09/09/2008 9:28

## Volatile Organic Analysis (EPA Method 8260)

### Quality Control Report - Method Blank Analysis

Constituent	Batch ID	QC Sample ID	MB Result	Units	PQL	MDL	Lab Quals
Methyl t-butyl ether	BRI0233	BRI0233-BLK1	ND	ug/L	0.50		
1,1,2,2-Tetrachloroethane	BRI0233	BRI0233-BLK1	ND	ug/L	0.50		
Tetrachloroethene	BRI0233	BRI0233-BLK1	ND	ug/L	0.50		
Toluene	BRI0233	BRI0233-BLK1	ND	ug/L	0.50		
1,1,1-Trichloroethane	BRI0233	BRI0233-BLK1	ND	ug/L	0.50		
1,1,2-Trichloroethane	BRI0233	BRI0233-BLK1	ND	ug/L	0.50		
Trichloroethene	BRI0233	BRI0233-BLK1	ND	ug/L	0.50		
Trichlorofluoromethane	BRI0233	BRI0233-BLK1	ND	ug/L	0.50		
1,1,2-Trichloro-1,2,2-trifluoroethane	BRI0233	BRI0233-BLK1	ND	ug/L	0.50		
Vinyl chloride	BRI0233	BRI0233-BLK1	ND	ug/L	0.50		
Total Xylenes	BRI0233	BRI0233-BLK1	ND	ug/L	1.0		
Total Purgeable Petroleum Hydrocarbons	BRI0233	BRI0233-BLK1	ND	ug/L	50		
1,2-Dichloroethane-d4 (Surrogate)	BRI0233	BRI0233-BLK1	108	%	76 - 114 (LCL - UCL)		
Toluene-d8 (Surrogate)	BRI0233	BRI0233-BLK1	101	%	88 - 110 (LCL - UCL)		
4-Bromofluorobenzene (Surrogate)	BRI0233	BRI0233-BLK1	98.6	%	86 - 115 (LCL - UCL)		

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Project: 5430  
Project Number: [none]  
Project Manager: Anju Farfan

Reported: 09/09/2008 9:28

### 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

Submission #: 08116011

**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: \_\_\_\_\_

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

**COC Received**

YES  NO

Emissivity: .97 Container: GTA Thermometer ID: 48  
 Temperature: A 0.2 °C / C 0.0 °C

Date/Time 9-3-8<sup>2312</sup>  
 Analyst Init ALN

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

Comments: \_\_\_\_\_  
 Sample Numbering Completed By: ALN Date/Time: 9/3/08  
 A = Actual / C = Corrected

2811611

**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		<b>MATRIX</b> (GW) Ground-water (S) Soil (WW) Waste-water (SL) Sludge	BTEX/MTBE by 8021B, Gas by 8015 TPH GAS by 8015M TPH DIESEL by 8015 8260 full list w/ oxygenates BTEX/MTBE/ <del>GC</del> BY 8260B ETHANOL by 8260B TPH -G by GC/MS AVOC's (8010 list) by 8260B	Turnaround Time Requested
Address: 1935 Washington Ave.		21 Technology Drive Irvine, CA 92618-2302 Attn: Anju Farfan				
City: San Leandro		4-digit site#: 5430 Workorder # 01411-4509117929				
State: CA	Zip:	Project #: 154771				
Conoco Phillips Mgr: Ted Moise		Sampler Name: Basilio Del Real				

Lab#	Sample Description	Field Point Name	Date & Time Sampled	MATRIX	BTEX/MTBE by 8021B, Gas by 8015	TPH GAS by 8015M	TPH DIESEL by 8015	8260 full list w/ oxygenates	BTEX/MTBE/ <del>GC</del> BY 8260B	ETHANOL by 8260B	TPH -G by GC/MS	AVOC's (8010 list) by 8260B	Turnaround Time Requested
-1		U-4	9-2-08 0719	GW					X		X		SAB
-2		U-7	0928										
-3		U-1	0855										
-4		U-6	0832										
-5		U-2	0745										
-6		U-3	0810										

CHK BY	DISTRIBUTION
<input checked="" type="checkbox"/>	<input type="checkbox"/>
<input checked="" type="checkbox"/>	<input type="checkbox"/>
<input checked="" type="checkbox"/>	<input type="checkbox"/>
<input checked="" type="checkbox"/>	<input type="checkbox"/>
<input checked="" type="checkbox"/>	SUB OUT <input type="checkbox"/>

Comments:	Relinquished by: (Signature) <i>BML</i>	Received by: <i>Rejigerator</i>	Date & Time: 9-2-08 1040
	Relinquished by: (Signature) <i>[Signature]</i>	Received by: <i>Ross Wickes</i>	Date & Time: 9/3/08 1530
	Relinquished by: (Signature) <i>Ross Wickes 9/3/08</i>	Received by: <i>Rikuyul</i>	Date & Time: 9-3-08 2030

GLOBAL ID:

T0600101765

*Rikuyul 9-3-08 2300*      *J.D. Motta 9-3-08 2307*

## STATEMENTS

### Purge Water Disposal

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

### Limitations

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