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Alameda County
Environmental Health

March 13, 2008

Ms. Donna Drogos
Alameda County Health Agency
1131 Harbor Bay Parkway, Suite 250
Alameda, California 94502

Re: Semi-Annual Summary Report – Fourth Quarter 2007 through First Quarter 2008
Request for Closure Review
Delta Project No. C1Q5430604

DELTA

Dear Ms. Drogos:

On behalf of ConocoPhillips Company (COP), Delta Consultants (Delta) is submitting the Semi-Annual Summary Report – Fourth Quarter 2007 through First Quarter 2008 and forwarding a copy of TRC's *Semi-Annual Monitoring Report, October 2007 through March 2008,* dated January 30, 2008, for the following location:

Service Station	**Location**
76 Service Station No. 5430	1935 Washington Avenue San Leandro, California

Sincerely,
Delta Consultants

Cord Dennig
Staff Scientist

PROFESSIONAL GEOLOGIST
DENNIS SHANNON DETTLOFF
No. 7480
STATE OF CALIFORNIA

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
Fourth Quarter 2007 through First Quarter 2008
Request for Closure Review
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 may have occurred in June 1976 and that one of the original gasoline underground storage tanks (USTs) failed a precision test in October 1981. In December 1981, the two original steel gasoline USTs were replaced with two fiberglass gasoline 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 *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 *Soil and Groundwater Investigation Report* prepared by PEG, dated June 21, 1995.

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

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 Consultants became the new consultant for the site.

SENSITIVE RECEPTOR SURVEY

In May 1998, a well search 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 Assessment Questionnaire presenting specific queries regarding the presence of sensitive receptors was mailed to property owners within 1,000 feet of the site. Based on the data obtained by the returned questionnaire 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 defined and stable within on-site boundaries there appears to be no risk to any of these potential receptors due to gasoline in soils/groundwater at this site.

Delta also reviewed the public records of the Department of Water Resources to prepare a list of 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 U.S. Geological Survey Topographic Map for this area (San Leandro quadrangle, 1967), the nearest surface water body is San Leandro Creek located approximately 500 feet northwest of the site.

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

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. Monitor well U-5 has been unable to be located and not sampled since Third Quarter 2004.

The site was monitored and groundwater samples collected on January 10, 2008. Six monitor wells (five on-site and one off-site) were monitored and sampled. Monitor well U-5 has been paved over; therefore, not monitored and sampled. Depth to groundwater ranged from 29.39 feet (U-7) to 30.96 feet (U-1) below top of casing (TOC). The groundwater flow direction was interpreted to be to the south at a gradient of 0.005 foot per foot (ft/ft). Historic groundwater flow directions are shown on a rose diagram presented as Attachment A.

Contaminants of Concern:

- **Total Purgeable Petroleum Hydrocarbons (TPPH):** TPPH was above the laboratory's indicated reporting limit in monitoring wells U-3 and U-6 at 920 µg/L and 1,300 µg/L, respectively.

- **Benzene:** Benzene was above the laboratory's indicated reporting limit in monitoring well U-3 at 3.5 µg/L.

- **MTBE:** MTBE was reported the laboratory's indicated reporting limits in monitoring wells U-2, U-3, and U-6 at 0.68 µg/L, 0.96 µg/L and 1.3 µg/L, respectively.

Ethyl-benzene was above the laboratory's indicated reporting limits in monitoring wells U-3 and U-6 at 22 µg/L and 7.0 µg/L, respectively. Total xylenes were above the laboratory's indicated reporting limit in monitoring well U-3 at 2.4 µg/L.

CHARACTERIZATION STATUS

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

Based on the data collected during groundwater monitoring and sampling activities at the site it appears that dissolved gasoline concentrations in the groundwater are defined and stable or decreasing. Analytical data collected during the most recent groundwater monitoring and sampling event indicated that benzene was present in one monitoring well, U-3, above the State of California drinking water standards, Primary Maximum Contaminant Level (MCL) of 1.0 µg/L.

MTBE is not present above State of California drinking water standards. Analytical data collected during the most recent groundwater monitoring and sampling event indicate that MTBE concentrations in the groundwater are below the Secondary MCL of 5.0 µg/L.

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

REQUEST FOR CLOSURE REVIEW

Based on the summary of analytical data, Delta requests that the site be evaluated for No Further Action.

RECENT CORRESPONDENCE

No correspondence was sent or received during this reporting period.

ACTIVITIES CONDUCTED (Fourth Quarter 2007 through First Quarter 2008)

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

NEXT QUARTER ACTIVITIES (Second Quarter 2008 through Third Quarter 2008)

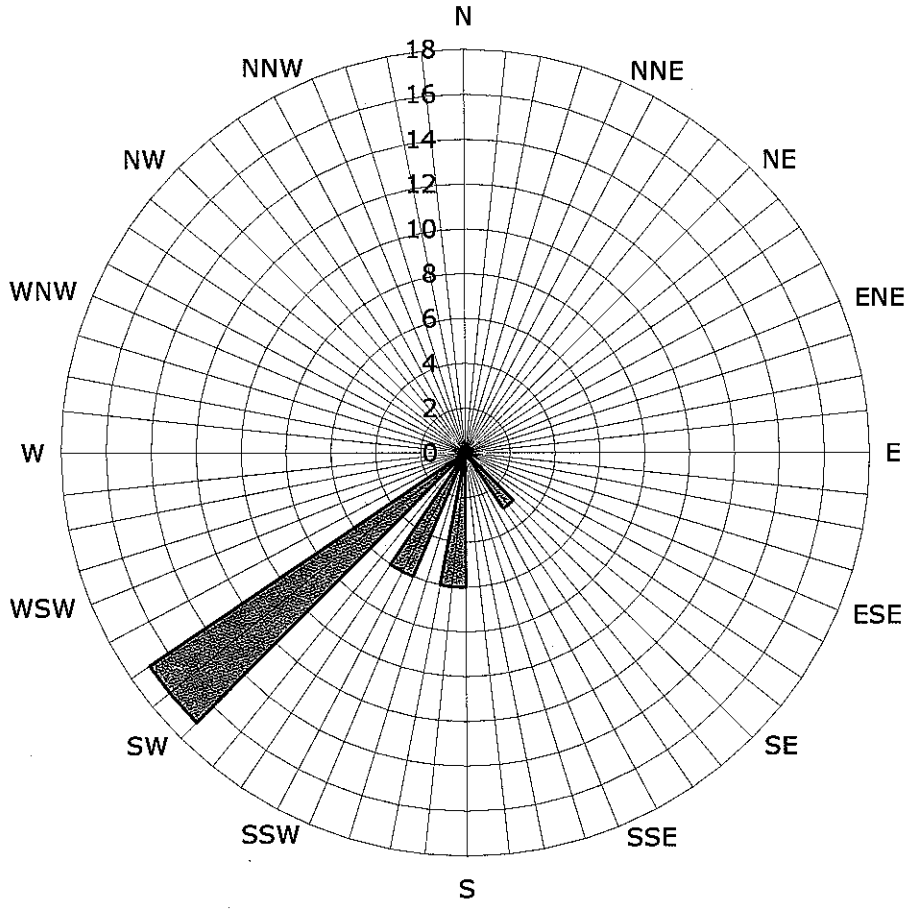
1. TRC will conduct the semi-annual monitoring and sampling event at the site.

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 montoring events
Fourth Quarter 1993
through
First Quarter 2008
32 data points shown

Groundwater Flow Direction

TRC

21 Technology Drive
Irvine, CA 92618

949.727.9336 PHONE
949.727.7399 FAX

www.TRCsolutions.com

DATE: January 30, 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
OCTOBER 2007 THROUGH MARCH 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
20-0400/5430R011.QMS

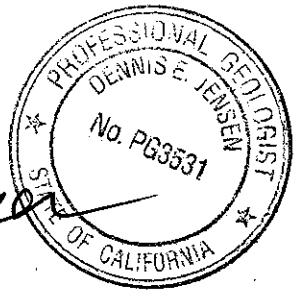
SEMI-ANNUAL MONITORING REPORT
OCTOBER 2007 THROUGH MARCH 2008

76 STATION 5430
1935 Washington Avenue
San Leandro, California

Prepared For:

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

By:



Senior Project Geologist, Irvine Operations

Date: 1/29/08

LIST OF ATTACHMENTS	
Summary Sheet	Summary of Gauging and Sampling Activities
Tables	Table Key Contents of Tables Table 1: Current Fluid Levels and Selected Analytical Results Table 1a: Additional Current Analytical Results Table 1b: Additional Current Analytical Results Table 2: Historic Fluid Levels and Selected Analytical Results Table 2a: Additional Historic Analytical Results Table 2b: Additional Historic Analytical Results Table 2c: Additional Historic Analytical Results
Figures	Figure 1: Vicinity Map Figure 2: Groundwater Elevation Contour Map Figure 3: Dissolved-Phase TPH-G Concentration Map Figure 4: Dissolved-Phase Benzene Concentration Map Figure 5: Dissolved-Phase MTBE Concentration Map
Graphs	Groundwater Elevations vs. Time Benzene Concentrations vs. Time
Field Activities	General Field Procedures Field Monitoring Data Sheet – 01/10/08 Groundwater Sampling Field Notes – 01/10/08 Statement of Non-Completion – 01/10/08
Laboratory Reports	Official Laboratory Reports Quality Control Reports Chain of Custody Records
Statements	Purge Water Disposal Limitations

Summary of Gauging and Sampling Activities
October 2007 through March 2008
76 Station 5430
1935 Washington Avenue
San Leandro, CA

Project Coordinator: **Ted Moise**
Telephone: **916-558-7666**
Water Sampling Contractor: ***TRC***
Compiled by: **Christina Carrillo**
Date(s) of Gauging/Sampling Event: **01/10/08**

Sample Points

Groundwater wells: **6** onsite, **1** offsite
Wells gauged: **6** Wells sampled: **6**
Purging method: **Bailer**
Purge water disposal: **Onyx/Rodeo Unit 100**
Other Sample Points: **0** Type: **n/a**

Liquid Phase Hydrocarbons (LPH)

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

Hydrogeologic Parameters

Depth to groundwater (below TOC): Minimum: **29.39 feet** Maximum: **30.96 feet**
Average groundwater elevation (relative to available local datum): **27.86 feet**
Average change in groundwater elevation since previous event: **0.10 feet**
Interpreted groundwater gradient and flow direction:
Current event: **0.005 ft/ft, south**
Previous event: **0.01 ft/ft, south-southwest (07/03/07)**

Selected Laboratory Results

Wells with detected **Benzene:** **1** Wells above MCL (1.0 µg/l): **1**
Maximum reported benzene concentration: **3.5 µg/l (U-3)**

Wells with **TPH-G by GC/MS** **2** Maximum: **1,300 µg/l (U-6)**
Wells with **MTBE 8260B** **3** Maximum: **1.3 µg/l (U-6)**

Notes:

U-5=Paved over,

This report presents the results of groundwater monitoring and sampling activities performed by TRC. Please contact the primary consultant for other specific information on this site.

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

Contents of Tables 1 and 2
Site: 76 Station 5430

Current Event

Table 1	Well/ Date	Depth to Water	LPH Thickness	Ground-water Elevation	Change in Elevation	TPH-G (8015M)	TPH-G (GC/MS)	Benzene	Toluene	Ethyl-benzene	Total Xylenes	MTBE (8021B)	MTBE (8260B)		Comments	
Table 1a	Well/ Date	1,2-DCA (EDC)	Bromo-dichloro-methane	Bromo-form	Bromo-methane	Carbon Tertra-chloride	Chloro-benzene	Chloro-ethane	Chloroform	Chloro-methane	Dibromo-chloro-methane	1,2-Dichloro-benzene	1,3-Dichloro-benzene	1,4-Dichloro-benzene	Dichloro-difluoro-methane	1,1-DCA
Table 1b	Well/ Date	1,1-DCE	cis- 1,2-DCE	trans- 1,2-DCE	1,2-Dichloro-propane	cis-1,3-Dichloro-propene	trans-1,3-Dichloro-propene	Methylene chloride	1,1,2,2-Tetrachloro - ethane	Tetrachloro - ethene (PCE)	Trichloro-trifluoro-ethane	1,1,1-Trichloro-ethane	1,1,2-Trichloro-ethane	Trichloro-ethene (TCE)	Trichloro-fluoro-methane	Vinyl chloride

Historic Data

Table 2	Well/ Date	Depth to Water	LPH Thickness	Ground-water Elevation	Change in Elevation	TPH-G (8015M)	TPH-G (GC/MS)	Benzene	Toluene	Ethyl-benzene	Total Xylenes	MTBE (8021B)	MTBE (8260B)		Comments	
Table 2a	Well/ Date	TPH-D	TBA	Ethanol (8260B)	Ethylene-dibromide (EDB)	1,2-DCA (EDC)	DIPE	ETBE	TAME	Bromo-chloro-methane	Bromo-dichloro-methane	Bromo-form	Bromo-methane	Carbon Tertra-chloride	Chloro-benzene	Chloro-ethane
Table 2b	Well/ Date	2-Chloroethyl vinyl ether	Chloroform	Chloro-methane	Dibromo-chloro-methane	1,2-Dichloro-benzene	1,3-Dichloro-benzene	1,4-Dichloro-benzene	Dichloro-difluoro-methane	1,1-DCA	1,1-DCE	cis- 1,2-DCE	trans- 1,2-DCE	1,2-Dichloro-propane	cis-1,3-Dichloro-propene	trans-1,3-Dichloro-propene
Table 2c	Well/ Date	Methylene chloride	1,1,2,2-Tetrachloro - ethane	Tetrachloro - ethene (PCE)	Trichloro-trifluoro-ethane	1,2,4-Trichloro-benzene	1,1,1-Trichloro-ethane	1,1,2-Trichloro-ethane	Trichloro-ethene (TCE)	Trichloro-fluoro-methane	Vinyl chloride					

Table 1

CURRENT FLUID LEVELS AND SELECTED ANALYTICAL RESULTS

January 10, 2008

76 Station 5430

Date Sampled	TOC Elevation	Depth to Water	LPH Thickness	Ground-water Elevation	Change in Elevation	TPH-G (8015M)	TPH-G (GC/MS)	Benzene	Toluene	Ethyl-benzene	Total Xylenes	MTBE (8021B)	MTBE (8260B)	Comments
	(feet)	(feet)	(feet)	(feet)	(feet)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	
U-1		**(Screen Interval in feet: 20.0-40.0)**												
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	
U-2		**(Screen Interval in feet: 20.0-40.0)**												
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	
U-3		**(Screen Interval in feet: 20.0-40.0)**												
01/10/08	57.59	29.65	0.00	27.94	0.09	--	920	3.5	ND<0.50	22	2.4	--	0.96	
U-4		**(Screen Interval in feet: 25.0-40.0)**												
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	
U-5		**(Screen Interval in feet: 25.0-40.0)**												
01/10/08	--	--	--	--	--	--	--	--	--	--	--	--	--	Paved over
U-6		**(Screen Interval in feet: 25.0-40.0)**												
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	
U-7		**(Screen Interval in feet: 25.0-40.0)**												
01/10/08	57.45	29.39	0.00	28.06	0.04	--	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)	Bromo-dichloro-methane	Bromo-form	Bromo-methane	Carbon Tertra-chloride	Chloro-benzene	Chloro-ethane	Chloroform	Chloro-methane	Dibromo-chloro-methane	1,2-Dichloro-benzene	1,3-Dichloro-benzene	1,4-Dichloro-benzene	Dichloro-difluoro-methane	1,1-DCA
	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)
U-1															
01/10/08	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	ND<0.50	ND<0.50	ND<0.50
U-3															
01/10/08	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	ND<0.50	ND<0.50	ND<0.50
U-7															
01/10/08	ND<0.50	ND<0.50	ND<0.50	ND<1.0	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

Table 1 b
ADDITIONAL CURRENT ANALYTICAL RESULTS
76 Station 5430

Date Sampled	1,1-DCE	cis- 1,2-DCE	trans- 1,2-DCE	1,2-Dichloro-propane	cis-1,3-Dichloro-propene	trans-1,3-Dichloro-propene	Methylene chloride	1,1,2,2-Tetrachloro-ethane	Tetrachloro-ethene (PCE)	Trichloro-trifluoro-ethane	1,1,1-Trichloro-ethane	1,1,2-Trichloro-ethane	Trichloro-ethene (TCE)	Trichloro-fluoro-methane	Vinyl chloride
	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)
U-1															
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	ND<0.50	ND<0.50	ND<0.50	ND<0.50
U-3															
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	ND<0.50	ND<0.50	ND<0.50	ND<0.50
U-7															
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	ND<0.50	ND<0.50	ND<0.50	ND<0.50

Table 2

HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS

August 1993 Through January 2008

76 Station 5430

Date Sampled	TOC Elevation	Depth to Water	LPH Thickness	Ground-water Elevation	Change in Elevation	TPH-G (8015M)	TPH-G (GC/MS)	Benzene	Toluene	Ethyl-benzene	Total Xylenes	MTBE (8021B)	MTBE (8260B)	Comments
	(feet)	(feet)	(feet)	(feet)	(feet)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	
U-1	**(Screen Interval in feet: 20.0-40.0)**													
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	--	
03/08/97	56.09	26.03	0.00	30.06	4.22	ND	--	ND	ND	ND	ND	ND	--	

Table 2

HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS

August 1993 Through January 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 continued														
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	
U-2	**(Screen Interval in feet: 20.0-40.0)**													
08/13/93	55.77	30.87	0.00	24.90	--	1400	--	ND	ND	ND	ND	--	--	

Table 2

HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS

August 1993 Through January 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-2 continued														
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	--	
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	--	

Table 2

HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS

August 1993 Through January 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-2 continued														
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	
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	
U-3	**(Screen Interval in feet: 20.0-40.0)**													
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	--	--	

Table 2

HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS

August 1993 Through January 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-3 continued														
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	--	
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	--	

Table 2

HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS

August 1993 Through January 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-3 continued														
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	
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	
U-4	**(Screen Interval in feet: 25.0-40.0)**													
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	--	

Table 2

HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS

August 1993 Through January 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-4 continued														
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	
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	

Table 2

HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS

August 1993 Through January 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-4 continued														
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	
U-5	**(Screen Interval in feet: 25.0-40.0)**													
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	--	
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	

Table 2
HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS
August 1993 Through January 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-5 continued														
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
U-6	**(Screen Interval in feet: 25.0-40.0)**													
03/14/95	55.36	26.94	0.00	28.42	--	14000	--	170	36	790	1500	--	--	
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	--	

Table 2

HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS

August 1993 Through January 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-6 continued														
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	
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	
U-7	**(Screen Interval in feet: 25.0-40.0)**													
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	--	

Table 2

HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS

August 1993 Through January 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-7 continued														
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	--	
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<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<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<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<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<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<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<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<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<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<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<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<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<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	TBA	Ethanol (8260B)	Ethylene-dibromide (EDB)	1,2-DCA (EDC)	DIPE	ETBE	TAME	Bromo-chloro-methane	Bromo-dichloro-methane	Bromo-form	Bromo-methane	Carbon Tertra-chloride	Chloro-benzene	Chloro-ethane
	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(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	ND<0.50	ND<0.50	ND<1.0
09/16/04	--	--	--	--	1.3	--	--	--	--	ND<0.50	ND<2.0	ND<1.0	ND<0.50	ND<0.50	ND<1.0
03/03/05	--	--	--	ND<1.0	ND<1.0	--	--	--	ND<1.0	ND<1.0	ND<1.0	ND<2.0	ND<1.0	ND<1.0	ND<2.0

Table 2 a

ADDITIONAL HISTORIC ANALYTICAL RESULTS

76 Station 5430

Date Sampled	TPH-D	TBA	Ethanol (8260B)	Ethylene-dibromide (EDB)	1,2-DCA (EDC)	DIPE	ETBE	TAME	Bromo-chloro-methane	Bromo-dichloro-methane	Bromo-form	Bromo-methane	Carbon Tertra-chloride	Chloro-benzene	Chloro-ethane
	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)
U-1 continued															
09/21/05	--	--	--	--	0.71	--	--	--	--	ND<0.50	ND<0.50	ND<1.0	ND<0.50	ND<0.50	ND<0.50
03/25/06	--	--	--	--	ND<0.50	--	--	--	--	ND<0.50	ND<0.50	ND<1.0	ND<0.50	ND<0.50	ND<0.50
09/25/06	--	--	--	--	0.96	--	--	--	--	ND<0.50	ND<0.50	ND<1.0	ND<0.50	ND<0.50	ND<0.50
03/09/07	--	--	--	--	ND<0.50	--	--	--	--	ND<0.50	ND<0.50	ND<1.0	ND<0.50	ND<0.50	ND<0.50
07/03/07	--	--	--	--	ND<0.50	--	--	--	--	ND<0.50	ND<0.50	ND<1.0	ND<0.50	ND<0.50	ND<0.50
01/10/08	--	--	--	--	ND<0.50	--	--	--	--	ND<0.50	ND<0.50	ND<1.0	ND<0.50	ND<0.50	ND<0.50
U-2															
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	--	--	--	--	--	--	--
U-3															
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	--	--	--	--	--
09/11/00	--	--	--	--	1.17	--	--	--	--	--	--	--	--	--	--
09/04/01	--	--	--	--	ND<5.0	--	--	--	--	--	--	--	--	--	--
03/18/02	--	--	--	--	ND<0.50	--	--	--	--	--	--	--	--	--	--

Table 2 a
ADDITIONAL HISTORIC ANALYTICAL RESULTS
76 Station 5430

Date Sampled	TPH-D	TBA	Ethanol (8260B)	Ethylene-dibromide (EDB)	1,2-DCA (EDC)	DIPE	ETBE	TAME	Bromo-chloro-methane	Bromo-dichloro-methane	Bromo-form	Bromo-methane	Carbon Tertra-chloride	Chloro-benzene	Chloro-ethane
	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)
U-3 continued															
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	ND<5.0	ND<5.0	ND<10
09/22/05	--	--	--	--	ND<0.50	--	--	--	--	ND<0.50	ND<0.50	ND<1.0	ND<0.50	ND<0.50	ND<0.50
03/25/06	--	--	--	--	ND<0.50	--	--	--	--	ND<0.50	ND<0.50	ND<1.0	ND<0.50	ND<0.50	ND<0.50
09/25/06	--	--	--	--	ND<0.50	--	--	--	--	ND<0.50	ND<0.50	ND<1.0	ND<0.50	ND<0.50	ND<0.50
03/09/07	--	--	--	--	ND<0.50	--	--	--	--	ND<0.50	ND<0.50	ND<1.0	ND<0.50	ND<0.50	ND<0.50
07/03/07	--	--	--	--	ND<0.50	--	--	--	--	ND<0.50	ND<0.50	ND<1.0	ND<0.50	ND<0.50	ND<0.50
01/10/08	--	--	--	--	ND<0.50	--	--	--	--	ND<0.50	ND<0.50	ND<1.0	ND<0.50	ND<0.50	ND<0.50
U-4															
03/18/03	--	ND<100	ND<500	ND<2.0	ND<2.0	ND<2.0	ND<2.0	ND<2.0	--	--	--	--	--	--	--
U-5															
03/18/03	--	ND<100	ND<500	ND<2.0	ND<2.0	ND<2.0	ND<2.0	ND<2.0	--	--	--	--	--	--	--
U-6															
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	--	--	--	--	--	--	--
U-7															
09/04/97	--	--	--	--	--	--	--	--	--	--	--	--	1.3	--	--
09/01/98	--	--	--	--	--	--	--	--	--	--	--	--	2.0	--	--
03/02/99	--	--	--	--	--	--	--	--	--	--	--	--	1.2	--	--
03/09/00	--	--	--	--	--	--	--	--	--	--	--	--	0.801	--	--
09/04/01	--	--	--	--	ND<0.50	--	--	--	--	--	--	--	0.60	--	--
03/18/02	--	--	--	--	ND<0.50	--	--	--	--	--	--	--	0.65	--	--

Table 2 a
ADDITIONAL HISTORIC ANALYTICAL RESULTS
76 Station 5430

Date Sampled	TPH-D	TBA	Ethanol (8260B)	Ethylene-dibromide (EDB)	1,2-DCA (EDC)	DIPE	ETBE	TAME	Bromo-chloro-methane	Bromo-dichloro-methane	Bromo-form	Bromo-methane	Carbon Tertra-chloride	Chloro-benzene	Chloro-ethane
	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)
U-7 continued															
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	ND<0.50	ND<0.50	ND<1.0
09/16/04	--	--	--	--	ND<0.50	--	--	--	--	ND<0.50	ND<2.0	ND<1.0	2.0	ND<0.50	ND<1.0
03/03/05	--	--	--	ND<1.0	ND<1.0	--	--	--	ND<1.0	ND<1.0	ND<1.0	ND<2.0	ND<1.0	ND<1.0	ND<2.0
09/21/05	--	--	--	--	ND<0.50	--	--	--	--	ND<0.50	ND<0.50	ND<1.0	ND<0.50	ND<0.50	ND<0.50
03/25/06	--	--	--	--	ND<0.50	--	--	--	--	ND<0.50	ND<0.50	ND<1.0	ND<0.50	ND<0.50	ND<0.50
09/25/06	--	--	--	--	ND<0.50	--	--	--	--	ND<0.50	ND<0.50	ND<1.0	ND<0.50	ND<0.50	ND<0.50
03/09/07	--	--	--	--	ND<0.50	--	--	--	--	ND<0.50	ND<0.50	ND<1.0	ND<0.50	ND<0.50	ND<0.50
07/03/07	--	--	--	--	ND<0.50	--	--	--	--	ND<0.50	ND<0.50	ND<1.0	ND<0.50	ND<0.50	ND<0.50
01/10/08	--	--	--	--	ND<0.50	--	--	--	--	ND<0.50	ND<0.50	ND<1.0	ND<0.50	ND<0.50	ND<0.50

Table 2 b
ADDITIONAL HISTORIC ANALYTICAL RESULTS
76 Station 5430

Date Sampled	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)	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)
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<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
09/16/04	--	ND<0.50	ND<1.0	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	ND<0.50	ND<0.50	ND<0.50
03/03/05	--	ND<1.0	ND<2.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<2.0	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<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	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	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	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	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	ND<0.50	ND<0.50	ND<0.50

U-2

Table 2 b
ADDITIONAL HISTORIC ANALYTICAL RESULTS
76 Station 5430

Date Sampled	2-Chloroethyl vinyl ether	Chloroform	Chloro-methane	Dibromo-chloro-methane	1,2-Dichloro-benzene	1,3-Dichloro-benzene	1,4-Dichloro-benzene	Dichloro-difluoro-methane	1,1-DCA	1,1-DCE	cis- 1,2-DCE	trans- 1,2-DCE	1,2-Dichloro-propane	cis-1,3-Dichloro-propene	trans-1,3-Dichloro-propene
	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)
U-2 continued															
03/25/94	--	--	--	--	ND	--	--	--	--	--	--	--	--	--	--
06/19/94	--	--	--	--	ND	--	--	--	--	--	--	--	--	--	--
09/15/94	--	--	--	--	ND	--	--	--	--	--	--	--	--	--	--
U-3															
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<5.0	ND<5.0	ND<10	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<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	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	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	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	ND<0.50	ND<0.50	ND<0.50

Table 2 b
ADDITIONAL HISTORIC ANALYTICAL RESULTS
76 Station 5430

Date Sampled	2-Chloroethyl vinyl ether	Chloroform	Chloro-methane	Dibromo-chloro-methane	1,2-Dichloro-benzene	1,3-Dichloro-benzene	1,4-Dichloro-benzene	Dichloro-difluoro-methane	1,1-DCA	1,1-DCE	cis- 1,2-DCE	trans- 1,2-DCE	1,2-Dichloro-propane	cis-1,3-Dichloro-propene	trans-1,3-Dichloro-propene
	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)
U-3 continued															
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	ND<0.50	ND<0.50	ND<0.50
U-6															
03/14/95	--	--	--	--	ND	--	--	--	--	--	--	--	--	--	--
12/14/95	--	--	--	--	ND	--	--	--	--	--	--	--	--	--	--
U-7															
09/01/98	--	0.60	--	--	--	--	--	--	--	--	--	--	--	--	--
09/04/01	--	--	--	--	ND<0.50	--	--	--	--	--	--	--	--	--	--
03/18/02	--	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<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
09/16/04	--	ND<0.50	ND<1.0	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	ND<0.50	ND<0.50	ND<0.50
03/03/05	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	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<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	--	3.2	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	ND<0.50	ND<0.50
09/25/06	--	22	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	ND<0.50	ND<0.50
03/09/07	--	15	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	ND<0.50	ND<0.50
07/03/07	--	3.5	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	ND<0.50	ND<0.50
01/10/08	--	1.8	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	ND<0.50	ND<0.50

Table 2 c

ADDITIONAL HISTORIC ANALYTICAL RESULTS

76 Station 5430

Date Sampled	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)	1,1,2-Trichloro-ethane (µg/l)	Trichloro-ethene (TCE) (µg/l)	Trichloro-fluoro-methane (µg/l)	Vinyl chloride (µg/l)
U-1										
03/26/04	ND<5.0	ND<0.50	ND<0.50	ND<0.50	--	ND<0.50	ND<0.50	ND<0.50	ND<1.0	ND<0.50
09/16/04	ND<5.0	ND<0.50	ND<0.50	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<1.0	--	ND<1.0	ND<1.0	ND<1.0	ND<1.0	--	--
09/21/05	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
03/25/06	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
09/25/06	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
03/09/07	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
07/03/07	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
01/10/08	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										
03/26/04	ND<50	ND<5.0	ND<5.0	ND<5.0	--	ND<5.0	ND<5.0	ND<5.0	ND<10	ND<5.0
09/22/05	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
03/25/06	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
09/25/06	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
03/09/07	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
07/03/07	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
01/10/08	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										
03/18/03	--	--	--	--	--	--	--	1.10	--	--
03/26/04	ND<5.0	ND<0.50	ND<0.50	ND<0.50	--	ND<0.50	ND<0.50	ND<0.50	ND<1.0	ND<0.50
09/16/04	ND<5.0	ND<0.50	ND<0.50	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<1.0	--	ND<1.0	ND<1.0	ND<1.0	ND<1.0	--	--
09/21/05	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
03/25/06	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
09/25/06	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

Table 2 c
ADDITIONAL HISTORIC ANALYTICAL RESULTS
76 Station 5430

Date Sampled	Methylene chloride	1,1,2,2-Tetrachloro-ethane	Tetrachloro-ethene (PCE)	Trichloro-trifluoro-ethane	1,2,4-Trichloro-benzene	1,1,1-Trichloro-ethane	1,1,2-Trichloro-ethane	Trichloro-ethene (TCE)	Trichloro-fluoro-methane	Vinyl chloride
	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)
U-7 continued										
03/09/07	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
07/03/07	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
01/10/08	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

FIGURES

N

SOURCE:

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

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

SCALE 1: 24,000

TRC

PROJECT: 154771

FACILITY:

76 STATION 5430
1935 WASHINGTON AVENUE
SAN LEANDRO, CALIFORNIA

VICINITY MAP

FIGURE 1

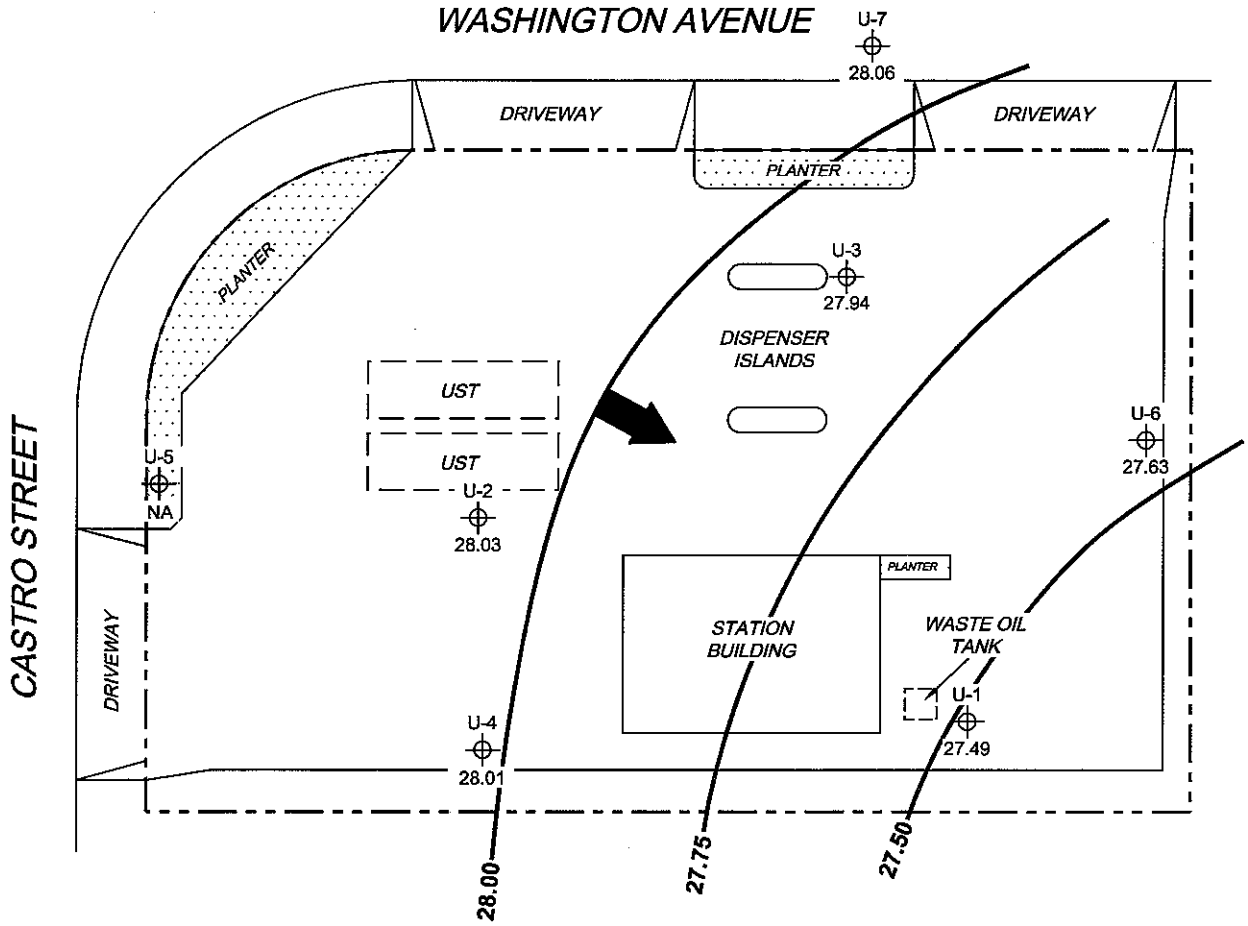
PS=1:1 L:\QMS VICINITY MAP Sc5430vm.dwg Nov 16, 2007 - 7:20am cvuong

LEGEND

U-7 ⊕ Monitoring Well with Groundwater Elevation (feet)

28.00— Groundwater Elevation Contour

➡ General Direction of Groundwater Flow



NOTES:

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

SCALE (FEET)

0 30

TRC

PROJECT: 154771

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

GROUNDWATER ELEVATION CONTOUR MAP
January 10, 2008

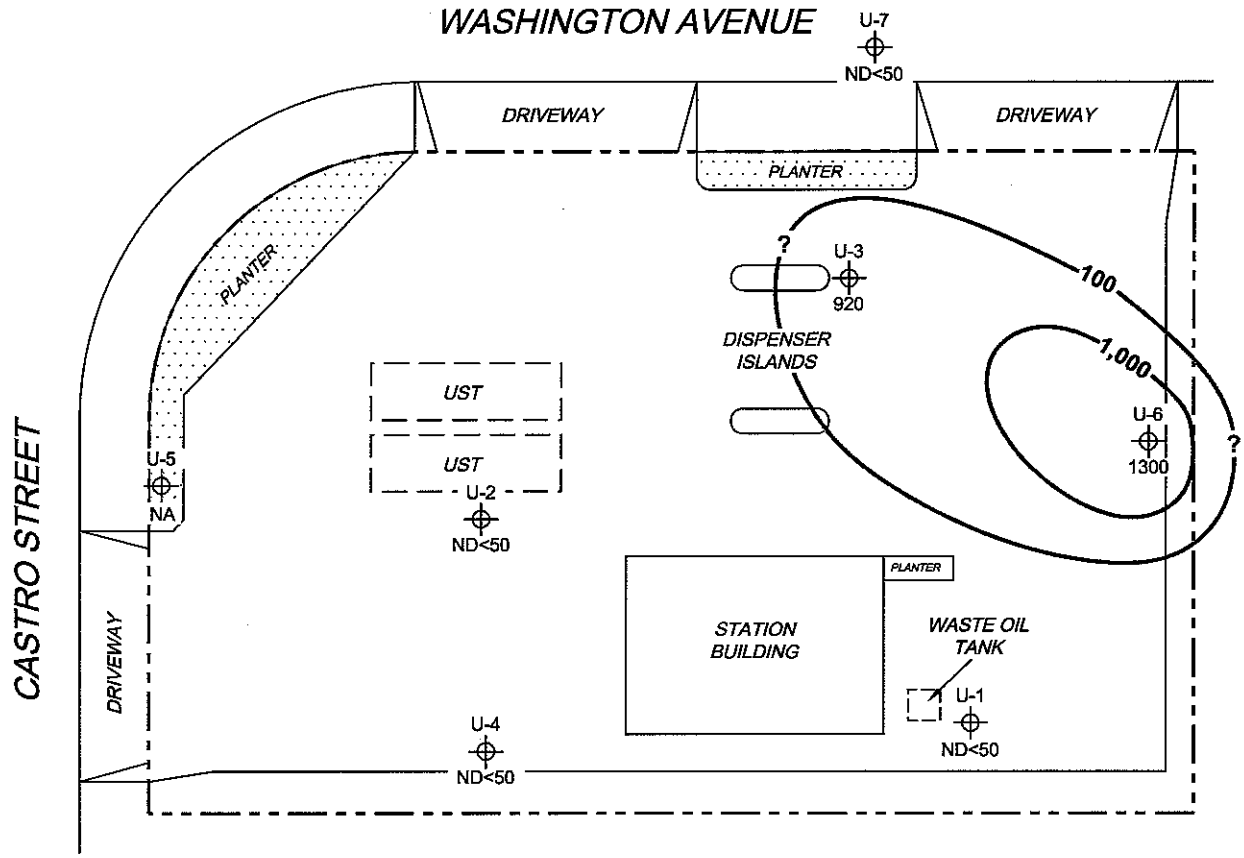
FIGURE 2

MS=1:1 5430-003 L:\Graphics\QMS NORTH-SOUTH\x-6000\5430+\5430-QMS(NEW).dwg Jan 29, 2008 - 8:33am bschmidt

LEGEND

U-7 ⊕ Monitoring Well with Dissolved-Phase TPH-G (GC/MS) Concentration (µg/l)

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



NOTES:

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

SCALE (FEET)

0 30

TRC

PROJECT: 154771

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

DISSOLVED-PHASE TPH-G (GC/MS) CONCENTRATION MAP
January 10, 2008

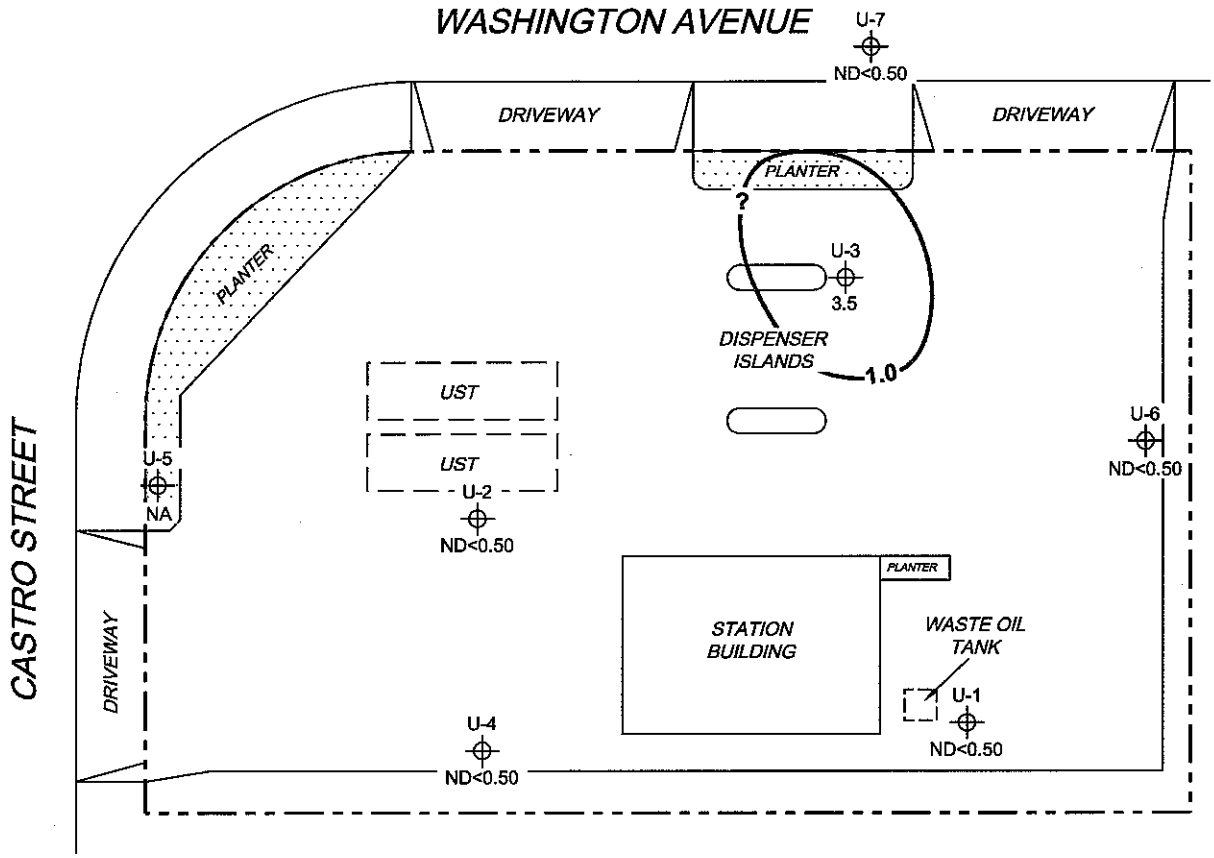
FIGURE 3

MS=1:1 5430-003 L:\Graphics\QMS NORTH-SOUTH\x-5000\5430+5430-QMS(NEW).dwg Jan 29, 2008 - 8:37am bschmidt

LEGEND

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

—1.0— Dissolved-Phase Benzene Contour (µg/l)



NOTES:

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

SCALE (FEET)

0 30

TRC

PROJECT: 154771

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

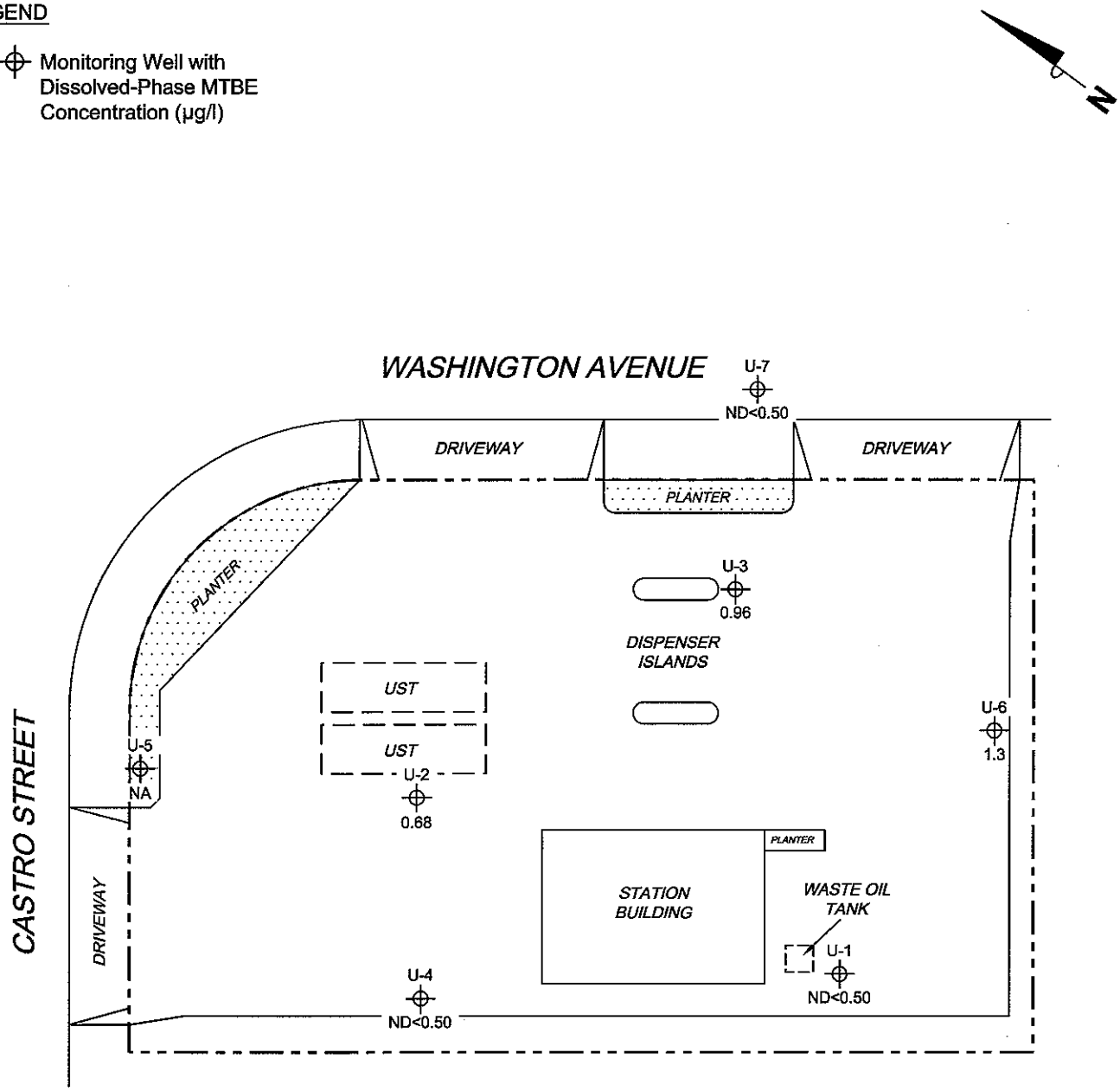
DISSOLVED-PHASE BENZENE CONCENTRATION MAP
January 10, 2008

FIGURE 4

MS=1:1 5430-003 L:\Graphics\QMS NORTH-SOUTH\x-5000\5430+\5430-QMS(NEW).dwg Jan 29, 2008 - 8:39am bschmidt

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)

0 30

TRC

PROJECT: 154771

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

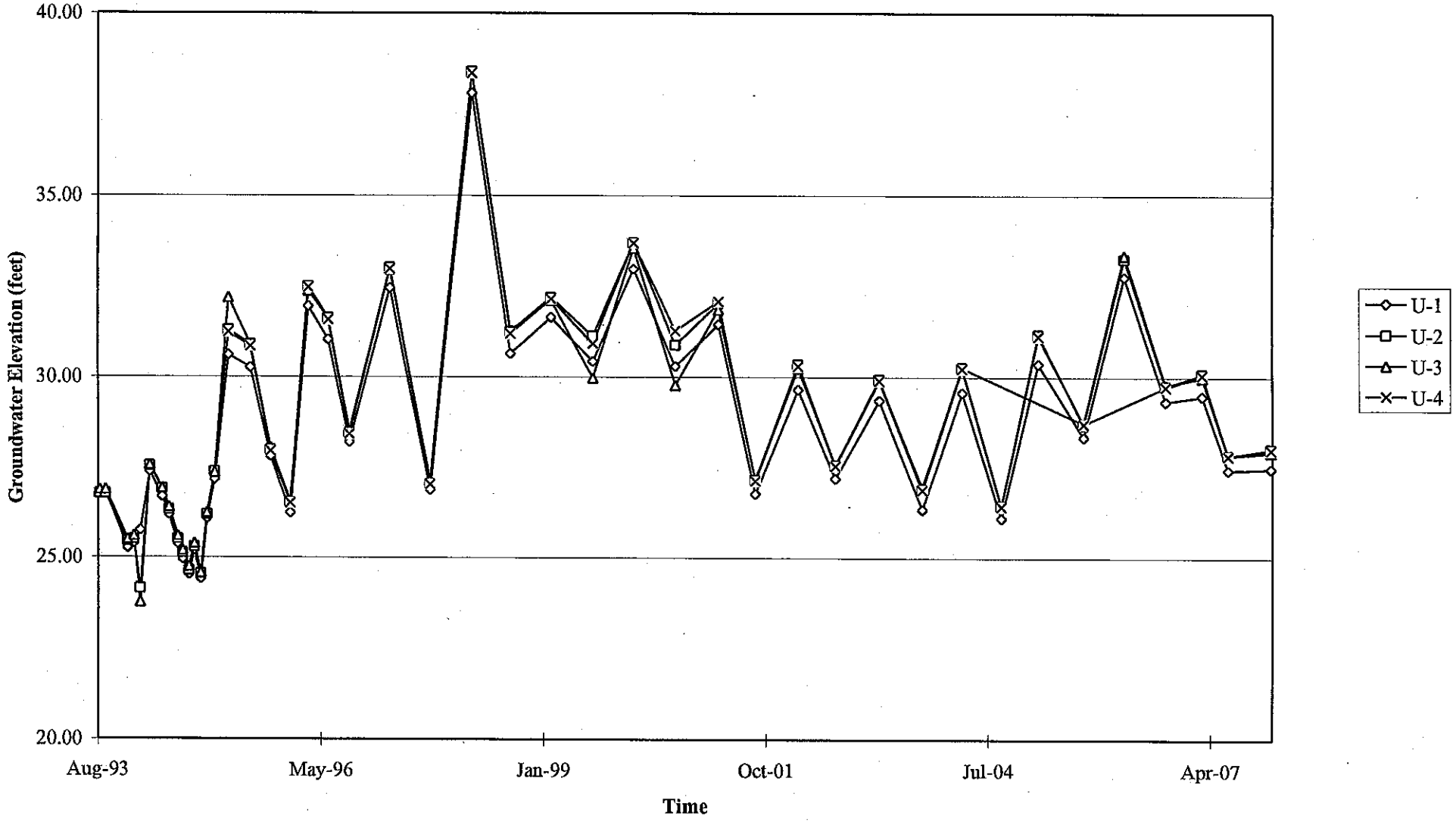
DISSOLVED-PHASE MTBE CONCENTRATION MAP
January 10, 2008

FIGURE 5

MS=1:1 5430-003 L:\Graphics\QMS NORTH-SOUTH\x-5000\5430+\5430-QMS(NEW).dwg Jan 29, 2008 - 8:40am bschmidt

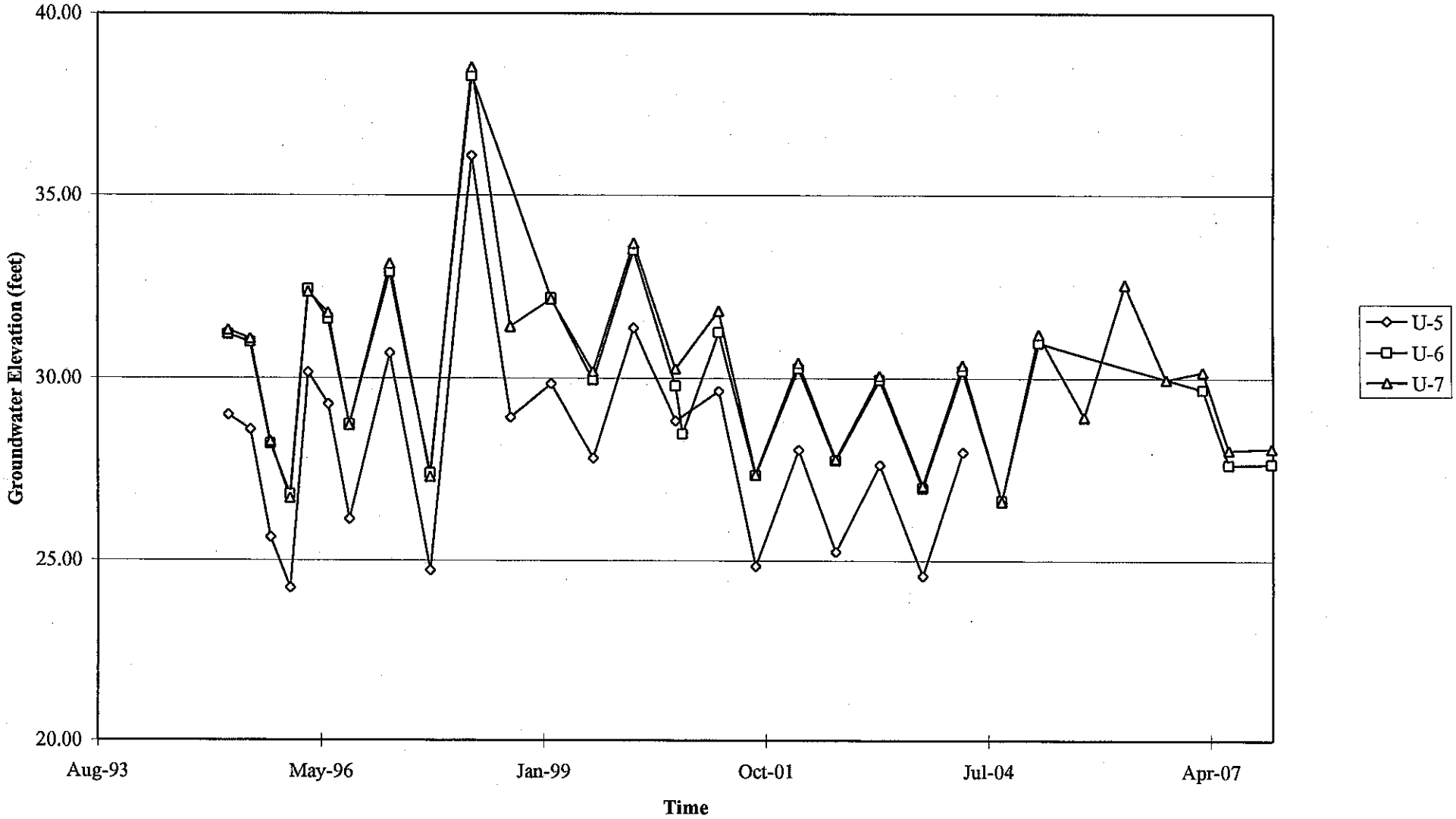
GRAPHS

Groundwater Elevations vs. Time
76 Station 5430



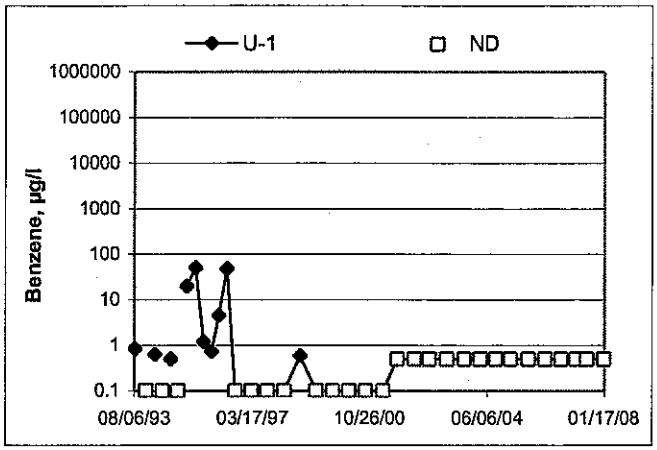
Elevations may have been corrected for apparent changes due to resurvey

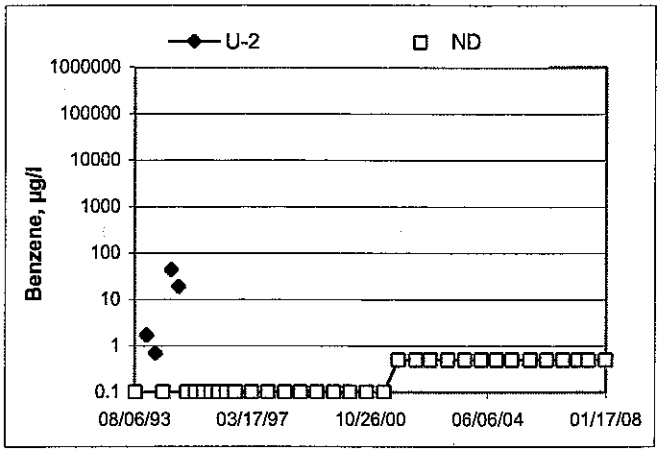
Groundwater Elevations vs. Time
76 Station 5430

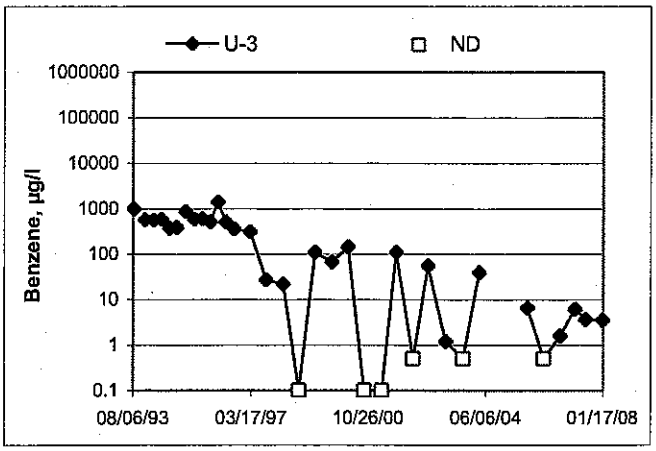


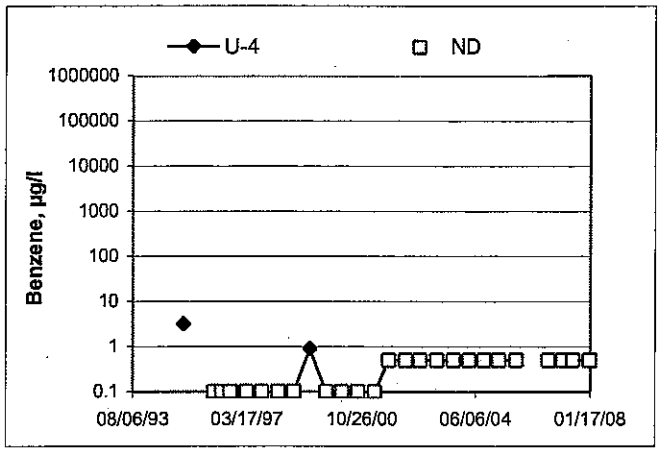
Elevations may have been corrected for apparent changes due to resurvey

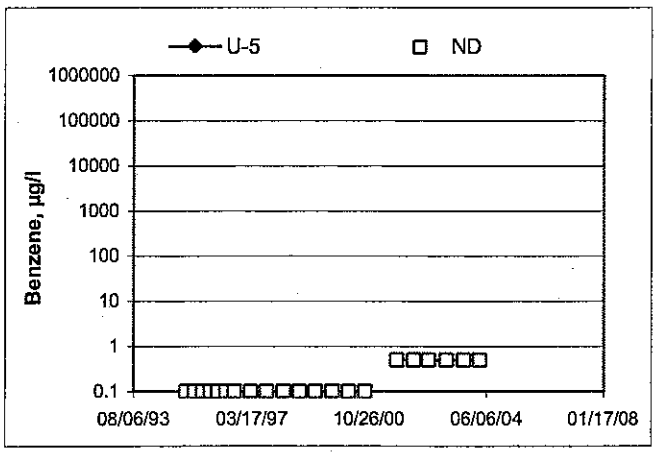
Benzene Concentrations vs Time
76 Station 5430

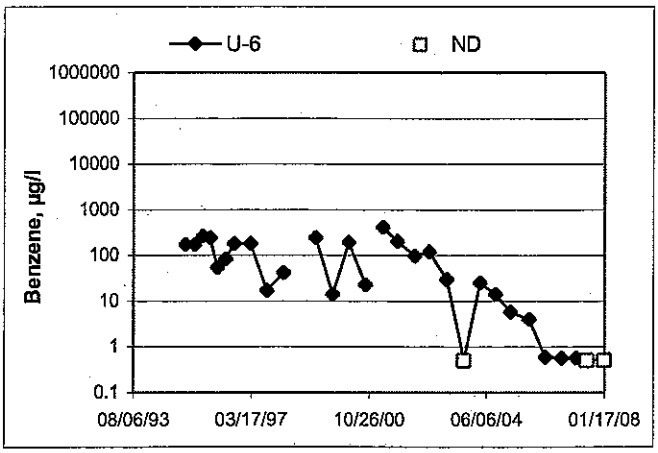


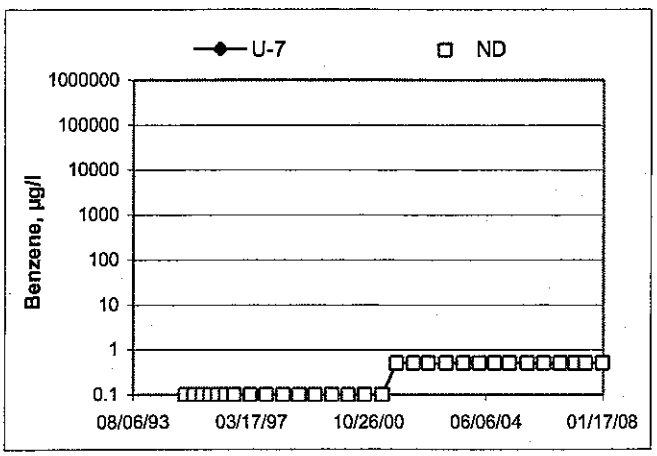












GENERAL FIELD PROCEDURES

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

Decontamination

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

Exceptions

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

FIELD MONITORING DATA SHEET

Technician: ALEX Job #/Task #: 154771 / FA20 Date: 1/10/08

Site # 5430 Project Manager _____ Page 1 of 1

Well #	Time Gauged	TOC	Total Depth	Depth to Water	Depth to Product	Product Thickness (feet)	Time Sampled	Misc. Well Notes
U-1	0610	✓	39.28	30.96	—	—	0730	2"
U-4	0618	✓	38.78	29.73	—	—	0840	2"
U-2	0623	✓	39.12	29.60	—	—	0885	2"
U-5	—	—	—	—	—	—	N/S	Paved over
U-7	0652	✓	37.58	29.39	—	—	0915	2"
U-6	0633	✓	40.21	30.50	—	—	0750	2"
U-3	0640	✓	38.46	29.65	—	—	0805	2"

FIELD DATA COMPLETE QA/QC COC WELL BOX CONDITION SHEETS

WTT CERTIFICATE MANIFEST DRUM INVENTORY TRAFFIC CONTROL

GROUNDWATER SAMPLING FIELD NOTES

Technician: ALEX

Site: 5430 Project No.: 154771 Date: 1/10/8

Well No. U-1 Purge Method: HB

Depth to Water (feet): 30.96 Depth to Product (feet): —

Total Depth (feet) 39.28 LPH & Water Recovered (gallons): —

Water Column (feet): 8.32 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.	ORP	Turbidity
0720			1	779.6	17.5	5.92			
			2	809.5	17.7	6.27			
	0723		3	834.1	17.5	5.91			

Static at Time Sampled	Total Gallons Purged	Sample Time
31.77	3	0730

Comments:

Well No. U-4 Purge Method: HB

Depth to Water (feet): 29.73 Depth to Product (feet): —

Total Depth (feet) 38.78 LPH & Water Recovered (gallons): —

Water Column (feet): 9.05 Casing Diameter (Inches): 2"

80% Recharge Depth(feet): 31.34 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.	ORP	Turbidity
0838			1	577.3	16.7	8.09			
			2	577.3	17.5	7.57			
	0832		3	583.0	17.7	7.29			

Static at Time Sampled	Total Gallons Purged	Sample Time
30.85	3	0840

Comments:

TRC

GROUNDWATER SAMPLING FIELD NOTES

Technician: ALEX

Site: 5930 Project No.: 154771 Date: 1/10/8

Well No. U-2 Purge Method: HB

Depth to Water (feet): 29.60 Depth to Product (feet): —

Total Depth (feet) 39.12 LPH & Water Recovered (gallons): —

Water Column (feet): 9.52 Casing Diameter (Inches): 2"

80% Recharge Depth(feet): 31.50 1 Well Volume (gallons): 1.5

Time Start	Time Stop	Depth to Water (feet)	Volume Purged (gallons)	Conductivity (uS/cm)	Temperature (F ©)	pH	D.O.	ORP	Turbidity
0844			1.5	556.0	17.2	8.00			
			3	551.2	17.7	7.30			
	0849		4.5	548.9	17.8	7.80			

Static at Time Sampled	Total Gallons Purged	Sample Time
29.62	4.5	0855

Comments:

Well No. U-7 Purge Method: HB

Depth to Water (feet): 29.39 Depth to Product (feet): —

Total Depth (feet) 37.58 LPH & Water Recovered (gallons): —

Water Column (feet): 9.19 Casing Diameter (Inches): 2"

80% Recharge Depth(feet): 30.22 1 Well Volume (gallons): 1

Time Start	Time Stop	Depth to Water (feet)	Volume Purged (gallons)	Conductivity (uS/cm)	Temperature (F, ©)	pH	D.O.	ORP	Turbidity
0906			1	732.4	17.2	7.32			
			2	711.5	18.4	7.16			
	0909		3	706.2	19.0	6.98			

Static at Time Sampled	Total Gallons Purged	Sample Time
29.50	3	0915

Comments:

TRC

GROUNDWATER SAMPLING FIELD NOTES

Technician: ALEX

Site: 5430 Project No.: 154771 Date: 1/10/8

Well No. U-6 Purge Method: HB

Depth to Water (feet): 30.50 Depth to Product (feet): —

Total Depth (feet) 40.21 LPH & Water Recovered (gallons): —

Water Column (feet): 9.71 Casing Diameter (Inches): 2"

80% Recharge Depth(feet): 32.44 1 Well Volume (gallons): 1.5

Time Start	Time Stop	Depth to Water (feet)	Volume Purged (gallons)	Conductivity (uS/cm)	Temperature (F, C)	pH	D.O.	ORP	Turbidity
0739			1.5	1223	17.9	7.25			
			3	1220	18.2	6.93			
	0743		4.5	1218	18.8	6.73			

Static at Time Sampled	Total Gallons Purged	Sample Time
30.91	4.5	0750

Comments:

Well No. U-3 Purge Method: HB

Depth to Water (feet): 29.65 Depth to Product (feet): —

Total Depth (feet) 38.46 LPH & Water Recovered (gallons): —

Water Column (feet): 8.81 Casing Diameter (Inches): 2"

80% Recharge Depth(feet): 31.41 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.	ORP	Turbidity
0755			1	725.5	17.4	8.27			
			2	791.9	18.3	7.59			
	0800		3	790.7	17.7	7.27			

Static at Time Sampled	Total Gallons Purged	Sample Time
29.80	3	0805

Comments:

TRC

STATEMENT OF NON-COMPLETION OF JOB

DATE OF EVENT: 1/10/8 STATION NUMBER: 5430

NAME OF TECH: ALEX CALLED GORDON: _____

CALLED PM: _____ NAME OF PM CALLED: _____

WELL NUMBER: U-5 STATEMENT FROM PM _____ OR TECH ✓

well has been paved over.

WELL NUMBER: _____ STATEMENT FROM PM _____ OR TECH _____

WELL NUMBER: _____ STATEMENT FROM PM _____ OR TECH _____

WELL NUMBER: _____ STATEMENT FROM PM _____ OR TECH _____

BC LABORATORIES, INC.

Date of Report: 01/18/2008

Anju Farfan

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

RE: 5430
BC Work Order: 0800540

Enclosed are the results of analyses for samples received by the laboratory on 01/10/2008 20:25. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Molly Meyers

Contact Person: Molly Meyers
Client Service Rep

Authorized Signature

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

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

Reported: 01/18/2008 13:46

Laboratory / Client Sample Cross Reference

Laboratory	Client Sample Information				
0800540-01	COC Number:	---	Receive Date:	01/10/2008 20:25	Delivery Work Order:
	Project Number:	5430	Sampling Date:	01/10/2008 07:30	Global ID: T0600101765
	Sampling Location:	U-1	Sample Depth:	---	Matrix: W
	Sampling Point:	U-1	Sample Matrix:	Water	Samle QC Type (SACode): CS
	Sampled By:	TRCI			Cooler ID:
0800540-02	COC Number:	---	Receive Date:	01/10/2008 20:25	Delivery Work Order:
	Project Number:	5430	Sampling Date:	01/10/2008 08:40	Global ID: T0600101765
	Sampling Location:	U-4	Sample Depth:	---	Matrix: W
	Sampling Point:	U-4	Sample Matrix:	Water	Samle QC Type (SACode): CS
	Sampled By:	TRCI			Cooler ID:
0800540-03	COC Number:	---	Receive Date:	01/10/2008 20:25	Delivery Work Order:
	Project Number:	5430	Sampling Date:	01/10/2008 08:55	Global ID: T0600101765
	Sampling Location:	U-2	Sample Depth:	---	Matrix: W
	Sampling Point:	U-2	Sample Matrix:	Water	Samle QC Type (SACode): CS
	Sampled By:	TRCI			Cooler ID:
0800540-04	COC Number:	---	Receive Date:	01/10/2008 20:25	Delivery Work Order:
	Project Number:	5430	Sampling Date:	01/10/2008 09:15	Global ID: T0600101765
	Sampling Location:	U-7	Sample Depth:	---	Matrix: W
	Sampling Point:	U-7	Sample Matrix:	Water	Samle QC Type (SACode): CS
	Sampled By:	TRCI			Cooler ID:
0800540-05	COC Number:	---	Receive Date:	01/10/2008 20:25	Delivery Work Order:
	Project Number:	5430	Sampling Date:	01/10/2008 07:50	Global ID: T0600101765
	Sampling Location:	U-6	Sample Depth:	---	Matrix: W
	Sampling Point:	U-6	Sample Matrix:	Water	Samle QC Type (SACode): CS
	Sampled By:	TRCI			Cooler ID:

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

Reported: 01/18/2008 13:46

Laboratory / Client Sample Cross Reference

Laboratory	Client Sample Information					
0800540-06	**COC Number:**	---	**Receive Date:**	01/10/2008 20:25	Delivery Work Order:	
	Project Number:	5430	**Sampling Date:**	01/10/2008 08:05	Global ID: T0600101765	
	Sampling Location:	U-3	**Sample Depth:**	---	Matrix: W	
	Sampling Point:	U-3	**Sample Matrix:**	Water	Samle QC Type (SACode): CS	
	Sampled By:	TRCI			Cooler ID:	

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

Reported: 01/18/2008 13:46

Volatile Organic Analysis (EPA Method 8260)

BCL Sample ID: 0800540-01 | **Client Sample Name:** 5430, U-1, U-1, 1/10/2008 7:30:00AM

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	01/15/08	01/15/08 10:44	MWB	HPCHEM	1	BRA0806	ND	
Bromodichloromethane	ND	ug/L	0.50		EPA-8260	01/15/08	01/15/08 10:44	MWB	HPCHEM	1	BRA0806	ND	
Bromoform	ND	ug/L	0.50		EPA-8260	01/15/08	01/15/08 10:44	MWB	HPCHEM	1	BRA0806	ND	
Bromomethane	ND	ug/L	1.0		EPA-8260	01/15/08	01/15/08 10:44	MWB	HPCHEM	1	BRA0806	ND	
Carbon tetrachloride	ND	ug/L	0.50		EPA-8260	01/15/08	01/15/08 10:44	MWB	HPCHEM	1	BRA0806	ND	
Chlorobenzene	ND	ug/L	0.50		EPA-8260	01/15/08	01/15/08 10:44	MWB	HPCHEM	1	BRA0806	ND	
Chloroethane	ND	ug/L	0.50		EPA-8260	01/15/08	01/15/08 10:44	MWB	HPCHEM	1	BRA0806	ND	
Chloroform	ND	ug/L	0.50		EPA-8260	01/15/08	01/15/08 10:44	MWB	HPCHEM	1	BRA0806	ND	
Chloromethane	ND	ug/L	0.50		EPA-8260	01/15/08	01/15/08 10:44	MWB	HPCHEM	1	BRA0806	ND	
Dibromochloromethane	ND	ug/L	0.50		EPA-8260	01/15/08	01/15/08 10:44	MWB	HPCHEM	1	BRA0806	ND	
1,2-Dichlorobenzene	ND	ug/L	0.50		EPA-8260	01/15/08	01/15/08 10:44	MWB	HPCHEM	1	BRA0806	ND	
1,3-Dichlorobenzene	ND	ug/L	0.50		EPA-8260	01/15/08	01/15/08 10:44	MWB	HPCHEM	1	BRA0806	ND	
1,4-Dichlorobenzene	ND	ug/L	0.50		EPA-8260	01/15/08	01/15/08 10:44	MWB	HPCHEM	1	BRA0806	ND	
Dichlorodifluoromethane	ND	ug/L	0.50		EPA-8260	01/15/08	01/15/08 10:44	MWB	HPCHEM	1	BRA0806	ND	
1,1-Dichloroethane	ND	ug/L	0.50		EPA-8260	01/15/08	01/15/08 10:44	MWB	HPCHEM	1	BRA0806	ND	
1,2-Dichloroethane	ND	ug/L	0.50		EPA-8260	01/15/08	01/15/08 10:44	MWB	HPCHEM	1	BRA0806	ND	
1,1-Dichloroethene	ND	ug/L	0.50		EPA-8260	01/15/08	01/15/08 10:44	MWB	HPCHEM	1	BRA0806	ND	
cis-1,2-Dichloroethene	ND	ug/L	0.50		EPA-8260	01/15/08	01/15/08 10:44	MWB	HPCHEM	1	BRA0806	ND	
trans-1,2-Dichloroethene	ND	ug/L	0.50		EPA-8260	01/15/08	01/15/08 10:44	MWB	HPCHEM	1	BRA0806	ND	
1,2-Dichloropropane	ND	ug/L	0.50		EPA-8260	01/15/08	01/15/08 10:44	MWB	HPCHEM	1	BRA0806	ND	
cis-1,3-Dichloropropene	ND	ug/L	0.50		EPA-8260	01/15/08	01/15/08 10:44	MWB	HPCHEM	1	BRA0806	ND	
trans-1,3-Dichloropropene	ND	ug/L	0.50		EPA-8260	01/15/08	01/15/08 10:44	MWB	HPCHEM	1	BRA0806	ND	
Ethylbenzene	ND	ug/L	0.50		EPA-8260	01/15/08	01/15/08 10:44	MWB	HPCHEM	1	BRA0806	ND	

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

Reported: 01/18/2008 13:46

Volatile Organic Analysis (EPA Method 8260)

BCL Sample ID: 0800540-01 | **Client Sample Name:** 5430, U-1, U-1, 1/10/2008 7:30:00AM

Constituent	Result	Units	PQL	MDL	Method	Prep Date	Run Date/Time	Analyst	Instrument ID	Dilution	QC Batch ID	MB Bias	Lab Quals
Methylene chloride	ND	ug/L	1.0		EPA-8260	01/15/08	01/15/08 10:44	MWB	HPCHEM	1	BRA0806	ND	
Methyl t-butyl ether	ND	ug/L	0.50		EPA-8260	01/15/08	01/15/08 10:44	MWB	HPCHEM	1	BRA0806	ND	
1,1,2,2-Tetrachloroethane	ND	ug/L	0.50		EPA-8260	01/15/08	01/15/08 10:44	MWB	HPCHEM	1	BRA0806	ND	
Tetrachloroethene	ND	ug/L	0.50		EPA-8260	01/15/08	01/15/08 10:44	MWB	HPCHEM	1	BRA0806	ND	
Toluene	ND	ug/L	0.50		EPA-8260	01/15/08	01/15/08 10:44	MWB	HPCHEM	1	BRA0806	ND	
1,1,1-Trichloroethane	ND	ug/L	0.50		EPA-8260	01/15/08	01/15/08 10:44	MWB	HPCHEM	1	BRA0806	ND	
1,1,2-Trichloroethane	ND	ug/L	0.50		EPA-8260	01/15/08	01/15/08 10:44	MWB	HPCHEM	1	BRA0806	ND	
Trichloroethene	ND	ug/L	0.50		EPA-8260	01/15/08	01/15/08 10:44	MWB	HPCHEM	1	BRA0806	ND	
Trichlorofluoromethane	ND	ug/L	0.50		EPA-8260	01/15/08	01/15/08 10:44	MWB	HPCHEM	1	BRA0806	ND	
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	ug/L	0.50		EPA-8260	01/15/08	01/15/08 10:44	MWB	HPCHEM	1	BRA0806	ND	
Vinyl chloride	ND	ug/L	0.50		EPA-8260	01/15/08	01/15/08 10:44	MWB	HPCHEM	1	BRA0806	ND	
Total Xylenes	ND	ug/L	1.0		EPA-8260	01/15/08	01/15/08 10:44	MWB	HPCHEM	1	BRA0806	ND	
Total Purgeable Petroleum Hydrocarbons	ND	ug/L	50		EPA-8260	01/15/08	01/15/08 10:44	MWB	HPCHEM	1	BRA0806	ND	
1,2-Dichloroethane-d4 (Surrogate)	101	%	76 - 114 (LCL - UCL)		EPA-8260	01/15/08	01/15/08 10:44	MWB	HPCHEM	1	BRA0806		
Toluene-d8 (Surrogate)	97.5	%	88 - 110 (LCL - UCL)		EPA-8260	01/15/08	01/15/08 10:44	MWB	HPCHEM	1	BRA0806		
4-Bromofluorobenzene (Surrogate)	109	%	86 - 115 (LCL - UCL)		EPA-8260	01/15/08	01/15/08 10:44	MWB	HPCHEM	1	BRA0806		

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21 Technology Drive
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Project: 5430
Project Number: [none]
Project Manager: Anju Farfan

Reported: 01/18/2008 13:46

Volatile Organic Analysis (EPA Method 8260)

BCL Sample ID: 0800540-02 | **Client Sample Name:** 5430, U-4, U-4, 1/10/2008 8:40:00AM

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	01/15/08	01/15/08 16:40	MWB	HPCHEM	1	BRA0806	ND	
Ethylbenzene	ND	ug/L	0.50		EPA-8260	01/15/08	01/15/08 16:40	MWB	HPCHEM	1	BRA0806	ND	
Methyl t-butyl ether	ND	ug/L	0.50		EPA-8260	01/15/08	01/15/08 16:40	MWB	HPCHEM	1	BRA0806	ND	
Toluene	ND	ug/L	0.50		EPA-8260	01/15/08	01/15/08 16:40	MWB	HPCHEM	1	BRA0806	ND	
Total Xylenes	ND	ug/L	1.0		EPA-8260	01/15/08	01/15/08 16:40	MWB	HPCHEM	1	BRA0806	ND	
Total Purgeable Petroleum Hydrocarbons	ND	ug/L	50		EPA-8260	01/15/08	01/15/08 16:40	MWB	HPCHEM	1	BRA0806	ND	
1,2-Dichloroethane-d4 (Surrogate)	114	%	76 - 114 (LCL - UCL)		EPA-8260	01/15/08	01/15/08 16:40	MWB	HPCHEM	1	BRA0806		
Toluene-d8 (Surrogate)	97.2	%	88 - 110 (LCL - UCL)		EPA-8260	01/15/08	01/15/08 16:40	MWB	HPCHEM	1	BRA0806		
4-Bromofluorobenzene (Surrogate)	106	%	86 - 115 (LCL - UCL)		EPA-8260	01/15/08	01/15/08 16:40	MWB	HPCHEM	1	BRA0806		

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

Reported: 01/18/2008 13:46

Volatile Organic Analysis (EPA Method 8260)

BCL Sample ID: 0800540-03 | **Client Sample Name:** 5430, U-2, U-2, 1/10/2008 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	01/15/08	01/15/08 16:58	MWB	HPCHEM	1	BRA0806	ND	
Ethylbenzene	ND	ug/L	0.50		EPA-8260	01/15/08	01/15/08 16:58	MWB	HPCHEM	1	BRA0806	ND	
Methyl t-butyl ether	0.68	ug/L	0.50		EPA-8260	01/15/08	01/15/08 16:58	MWB	HPCHEM	1	BRA0806	ND	
Toluene	ND	ug/L	0.50		EPA-8260	01/15/08	01/15/08 16:58	MWB	HPCHEM	1	BRA0806	ND	
Total Xylenes	ND	ug/L	1.0		EPA-8260	01/15/08	01/15/08 16:58	MWB	HPCHEM	1	BRA0806	ND	
Total Purgeable Petroleum Hydrocarbons	ND	ug/L	50		EPA-8260	01/15/08	01/15/08 16:58	MWB	HPCHEM	1	BRA0806	ND	
1,2-Dichloroethane-d4 (Surrogate)	112	%	76 - 114 (LCL - UCL)		EPA-8260	01/15/08	01/15/08 16:58	MWB	HPCHEM	1	BRA0806		
Toluene-d8 (Surrogate)	99.5	%	88 - 110 (LCL - UCL)		EPA-8260	01/15/08	01/15/08 16:58	MWB	HPCHEM	1	BRA0806		
4-Bromofluorobenzene (Surrogate)	107	%	86 - 115 (LCL - UCL)		EPA-8260	01/15/08	01/15/08 16:58	MWB	HPCHEM	1	BRA0806		

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

Reported: 01/18/2008 13:46

Volatile Organic Analysis (EPA Method 8260)

BCL Sample ID: 0800540-04 | **Client Sample Name:** 5430, U-7, U-7, 1/10/2008 9:15:00AM

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	01/15/08	01/15/08 17:16	MWB	HPCHEM	1	BRA0806	ND	
Bromodichloromethane	ND	ug/L	0.50		EPA-8260	01/15/08	01/15/08 17:16	MWB	HPCHEM	1	BRA0806	ND	
Bromoform	ND	ug/L	0.50		EPA-8260	01/15/08	01/15/08 17:16	MWB	HPCHEM	1	BRA0806	ND	
Bromomethane	ND	ug/L	1.0		EPA-8260	01/15/08	01/15/08 17:16	MWB	HPCHEM	1	BRA0806	ND	
Carbon tetrachloride	ND	ug/L	0.50		EPA-8260	01/15/08	01/15/08 17:16	MWB	HPCHEM	1	BRA0806	ND	
Chlorobenzene	ND	ug/L	0.50		EPA-8260	01/15/08	01/15/08 17:16	MWB	HPCHEM	1	BRA0806	ND	
Chloroethane	ND	ug/L	0.50		EPA-8260	01/15/08	01/15/08 17:16	MWB	HPCHEM	1	BRA0806	ND	
Chloroform	1.8	ug/L	0.50		EPA-8260	01/15/08	01/15/08 17:16	MWB	HPCHEM	1	BRA0806	ND	
Chloromethane	ND	ug/L	0.50		EPA-8260	01/15/08	01/15/08 17:16	MWB	HPCHEM	1	BRA0806	ND	
Dibromochloromethane	ND	ug/L	0.50		EPA-8260	01/15/08	01/15/08 17:16	MWB	HPCHEM	1	BRA0806	ND	
1,2-Dichlorobenzene	ND	ug/L	0.50		EPA-8260	01/15/08	01/15/08 17:16	MWB	HPCHEM	1	BRA0806	ND	
1,3-Dichlorobenzene	ND	ug/L	0.50		EPA-8260	01/15/08	01/15/08 17:16	MWB	HPCHEM	1	BRA0806	ND	
1,4-Dichlorobenzene	ND	ug/L	0.50		EPA-8260	01/15/08	01/15/08 17:16	MWB	HPCHEM	1	BRA0806	ND	
Dichlorodifluoromethane	ND	ug/L	0.50		EPA-8260	01/15/08	01/15/08 17:16	MWB	HPCHEM	1	BRA0806	ND	
1,1-Dichloroethane	ND	ug/L	0.50		EPA-8260	01/15/08	01/15/08 17:16	MWB	HPCHEM	1	BRA0806	ND	
1,2-Dichloroethane	ND	ug/L	0.50		EPA-8260	01/15/08	01/15/08 17:16	MWB	HPCHEM	1	BRA0806	ND	
1,1-Dichloroethene	ND	ug/L	0.50		EPA-8260	01/15/08	01/15/08 17:16	MWB	HPCHEM	1	BRA0806	ND	
cis-1,2-Dichloroethene	ND	ug/L	0.50		EPA-8260	01/15/08	01/15/08 17:16	MWB	HPCHEM	1	BRA0806	ND	
trans-1,2-Dichloroethene	ND	ug/L	0.50		EPA-8260	01/15/08	01/15/08 17:16	MWB	HPCHEM	1	BRA0806	ND	
1,2-Dichloropropane	ND	ug/L	0.50		EPA-8260	01/15/08	01/15/08 17:16	MWB	HPCHEM	1	BRA0806	ND	
cis-1,3-Dichloropropene	ND	ug/L	0.50		EPA-8260	01/15/08	01/15/08 17:16	MWB	HPCHEM	1	BRA0806	ND	
trans-1,3-Dichloropropene	ND	ug/L	0.50		EPA-8260	01/15/08	01/15/08 17:16	MWB	HPCHEM	1	BRA0806	ND	
Ethylbenzene	ND	ug/L	0.50		EPA-8260	01/15/08	01/15/08 17:16	MWB	HPCHEM	1	BRA0806	ND	

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

Reported: 01/18/2008 13:46

Volatile Organic Analysis (EPA Method 8260)

BCL Sample ID: 0800540-04 | **Client Sample Name:** 5430, U-7, U-7, 1/10/2008 9:15:00AM

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	01/15/08	01/15/08 17:16	MWB	HPCHEM	1	BRA0806	ND	
Methyl t-butyl ether	ND	ug/L	0.50		EPA-8260	01/15/08	01/15/08 17:16	MWB	HPCHEM	1	BRA0806	ND	
1,1,2,2-Tetrachloroethane	ND	ug/L	0.50		EPA-8260	01/15/08	01/15/08 17:16	MWB	HPCHEM	1	BRA0806	ND	
Tetrachloroethene	ND	ug/L	0.50		EPA-8260	01/15/08	01/15/08 17:16	MWB	HPCHEM	1	BRA0806	ND	
Toluene	ND	ug/L	0.50		EPA-8260	01/15/08	01/15/08 17:16	MWB	HPCHEM	1	BRA0806	ND	
1,1,1-Trichloroethane	ND	ug/L	0.50		EPA-8260	01/15/08	01/15/08 17:16	MWB	HPCHEM	1	BRA0806	ND	
1,1,2-Trichloroethane	ND	ug/L	0.50		EPA-8260	01/15/08	01/15/08 17:16	MWB	HPCHEM	1	BRA0806	ND	
Trichloroethene	ND	ug/L	0.50		EPA-8260	01/15/08	01/15/08 17:16	MWB	HPCHEM	1	BRA0806	ND	
Trichlorofluoromethane	ND	ug/L	0.50		EPA-8260	01/15/08	01/15/08 17:16	MWB	HPCHEM	1	BRA0806	ND	
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	ug/L	0.50		EPA-8260	01/15/08	01/15/08 17:16	MWB	HPCHEM	1	BRA0806	ND	
Vinyl chloride	ND	ug/L	0.50		EPA-8260	01/15/08	01/15/08 17:16	MWB	HPCHEM	1	BRA0806	ND	
Total Xylenes	ND	ug/L	1.0		EPA-8260	01/15/08	01/15/08 17:16	MWB	HPCHEM	1	BRA0806	ND	
Total Purgeable Petroleum Hydrocarbons	ND	ug/L	50		EPA-8260	01/15/08	01/15/08 17:16	MWB	HPCHEM	1	BRA0806	ND	
1,2-Dichloroethane-d4 (Surrogate)	112	%	76 - 114 (LCL - UCL)		EPA-8260	01/15/08	01/15/08 17:16	MWB	HPCHEM	1	BRA0806		
Toluene-d8 (Surrogate)	98.9	%	88 - 110 (LCL - UCL)		EPA-8260	01/15/08	01/15/08 17:16	MWB	HPCHEM	1	BRA0806		
4-Bromofluorobenzene (Surrogate)	112	%	86 - 115 (LCL - UCL)		EPA-8260	01/15/08	01/15/08 17:16	MWB	HPCHEM	1	BRA0806		

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

Reported: 01/18/2008 13:46

Volatile Organic Analysis (EPA Method 8260)

BCL Sample ID: 0800540-05 | **Client Sample Name:** 5430, U-6, U-6, 1/10/2008 7:50:00AM

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	01/15/08	01/16/08 12:48	MWB	HPCHEM	1	BRA0806	ND	
Ethylbenzene	7.0	ug/L	0.50		EPA-8260	01/15/08	01/16/08 12:48	MWB	HPCHEM	1	BRA0806	ND	
Methyl t-butyl ether	1.3	ug/L	0.50		EPA-8260	01/15/08	01/16/08 12:48	MWB	HPCHEM	1	BRA0806	ND	
Toluene	ND	ug/L	0.50		EPA-8260	01/15/08	01/16/08 12:48	MWB	HPCHEM	1	BRA0806	ND	
Total Xylenes	ND	ug/L	1.0		EPA-8260	01/15/08	01/16/08 12:48	MWB	HPCHEM	1	BRA0806	ND	
Total Purgeable Petroleum Hydrocarbons	1300	ug/L	50		EPA-8260	01/15/08	01/16/08 12:48	MWB	HPCHEM	1	BRA0806	ND	
1,2-Dichloroethane-d4 (Surrogate)	110	%	76 - 114 (LCL - UCL)		EPA-8260	01/15/08	01/16/08 12:48	MWB	HPCHEM	1	BRA0806		
Toluene-d8 (Surrogate)	98.8	%	88 - 110 (LCL - UCL)		EPA-8260	01/15/08	01/16/08 12:48	MWB	HPCHEM	1	BRA0806		
4-Bromofluorobenzene (Surrogate)	92.3	%	86 - 115 (LCL - UCL)		EPA-8260	01/15/08	01/16/08 12:48	MWB	HPCHEM	1	BRA0806		

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

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

Reported: 01/18/2008 13:46

Volatile Organic Analysis (EPA Method 8260)

BCL Sample ID: 0800540-06 | **Client Sample Name:** 5430, U-3, U-3, 1/10/2008 8:05:00AM

Constituent	Result	Units	PQL	MDL	Method	Prep Date	Run Date/Time	Analyst	Instru-ment ID	Dilution	QC Batch ID	MB Bias	Lab Quals
Benzene	3.5	ug/L	0.50		EPA-8260	01/15/08	01/16/08 12:24	MWB	HPCHEM	1	BRA0806	ND	
Bromodichloromethane	ND	ug/L	0.50		EPA-8260	01/15/08	01/16/08 12:24	MWB	HPCHEM	1	BRA0806	ND	
Bromoform	ND	ug/L	0.50		EPA-8260	01/15/08	01/16/08 12:24	MWB	HPCHEM	1	BRA0806	ND	
Bromomethane	ND	ug/L	1.0		EPA-8260	01/15/08	01/16/08 12:24	MWB	HPCHEM	1	BRA0806	ND	
Carbon tetrachloride	ND	ug/L	0.50		EPA-8260	01/15/08	01/16/08 12:24	MWB	HPCHEM	1	BRA0806	ND	
Chlorobenzene	ND	ug/L	0.50		EPA-8260	01/15/08	01/16/08 12:24	MWB	HPCHEM	1	BRA0806	ND	
Chloroethane	ND	ug/L	0.50		EPA-8260	01/15/08	01/16/08 12:24	MWB	HPCHEM	1	BRA0806	ND	
Chloroform	ND	ug/L	0.50		EPA-8260	01/15/08	01/16/08 12:24	MWB	HPCHEM	1	BRA0806	ND	
Chloromethane	ND	ug/L	0.50		EPA-8260	01/15/08	01/16/08 12:24	MWB	HPCHEM	1	BRA0806	ND	
Dibromochloromethane	ND	ug/L	0.50		EPA-8260	01/15/08	01/16/08 12:24	MWB	HPCHEM	1	BRA0806	ND	
1,2-Dichlorobenzene	ND	ug/L	0.50		EPA-8260	01/15/08	01/16/08 12:24	MWB	HPCHEM	1	BRA0806	ND	
1,3-Dichlorobenzene	ND	ug/L	0.50		EPA-8260	01/15/08	01/16/08 12:24	MWB	HPCHEM	1	BRA0806	ND	
1,4-Dichlorobenzene	ND	ug/L	0.50		EPA-8260	01/15/08	01/16/08 12:24	MWB	HPCHEM	1	BRA0806	ND	
Dichlorodifluoromethane	ND	ug/L	0.50		EPA-8260	01/15/08	01/16/08 12:24	MWB	HPCHEM	1	BRA0806	ND	
1,1-Dichloroethane	ND	ug/L	0.50		EPA-8260	01/15/08	01/16/08 12:24	MWB	HPCHEM	1	BRA0806	ND	
1,2-Dichloroethane	ND	ug/L	0.50		EPA-8260	01/15/08	01/16/08 12:24	MWB	HPCHEM	1	BRA0806	ND	
1,1-Dichloroethene	ND	ug/L	0.50		EPA-8260	01/15/08	01/16/08 12:24	MWB	HPCHEM	1	BRA0806	ND	
cis-1,2-Dichloroethene	ND	ug/L	0.50		EPA-8260	01/15/08	01/16/08 12:24	MWB	HPCHEM	1	BRA0806	ND	
trans-1,2-Dichloroethene	ND	ug/L	0.50		EPA-8260	01/15/08	01/16/08 12:24	MWB	HPCHEM	1	BRA0806	ND	
1,2-Dichloropropane	ND	ug/L	0.50		EPA-8260	01/15/08	01/16/08 12:24	MWB	HPCHEM	1	BRA0806	ND	
cis-1,3-Dichloropropene	ND	ug/L	0.50		EPA-8260	01/15/08	01/16/08 12:24	MWB	HPCHEM	1	BRA0806	ND	
trans-1,3-Dichloropropene	ND	ug/L	0.50		EPA-8260	01/15/08	01/16/08 12:24	MWB	HPCHEM	1	BRA0806	ND	
Ethylbenzene	22	ug/L	0.50		EPA-8260	01/15/08	01/16/08 12:24	MWB	HPCHEM	1	BRA0806	ND	

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21 Technology Drive
Irvine, CA 92618-2302

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

Reported: 01/18/2008 13:46

Volatile Organic Analysis (EPA Method 8260)

BCL Sample ID: 0800540-06 | **Client Sample Name:** 5430, U-3, U-3, 1/10/2008 8:05:00AM

Constituent	Result	Units	PQL	MDL	Method	Prep Date	Run Date/Time	Analyst	Instrument ID	Dilution	QC Batch ID	MB Bias	Lab Quals
Methylene chloride	ND	ug/L	1.0		EPA-8260	01/15/08	01/16/08 12:24	MWB	HPCHEM	1	BRA0806	ND	
Methyl t-butyl ether	0.96	ug/L	0.50		EPA-8260	01/15/08	01/16/08 12:24	MWB	HPCHEM	1	BRA0806	ND	
1,1,2,2-Tetrachloroethane	ND	ug/L	0.50		EPA-8260	01/15/08	01/16/08 12:24	MWB	HPCHEM	1	BRA0806	ND	
Tetrachloroethene	ND	ug/L	0.50		EPA-8260	01/15/08	01/16/08 12:24	MWB	HPCHEM	1	BRA0806	ND	
Toluene	ND	ug/L	0.50		EPA-8260	01/15/08	01/16/08 12:24	MWB	HPCHEM	1	BRA0806	ND	
1,1,1-Trichloroethane	ND	ug/L	0.50		EPA-8260	01/15/08	01/16/08 12:24	MWB	HPCHEM	1	BRA0806	ND	
1,1,2-Trichloroethane	ND	ug/L	0.50		EPA-8260	01/15/08	01/16/08 12:24	MWB	HPCHEM	1	BRA0806	ND	
Trichloroethene	ND	ug/L	0.50		EPA-8260	01/15/08	01/16/08 12:24	MWB	HPCHEM	1	BRA0806	ND	
Trichlorofluoromethane	ND	ug/L	0.50		EPA-8260	01/15/08	01/16/08 12:24	MWB	HPCHEM	1	BRA0806	ND	
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	ug/L	0.50		EPA-8260	01/15/08	01/16/08 12:24	MWB	HPCHEM	1	BRA0806	ND	
Vinyl chloride	ND	ug/L	0.50		EPA-8260	01/15/08	01/16/08 12:24	MWB	HPCHEM	1	BRA0806	ND	
Total Xylenes	2.4	ug/L	1.0		EPA-8260	01/15/08	01/16/08 12:24	MWB	HPCHEM	1	BRA0806	ND	
Total Purgeable Petroleum Hydrocarbons	920	ug/L	50		EPA-8260	01/15/08	01/16/08 12:24	MWB	HPCHEM	1	BRA0806	ND	
1,2-Dichloroethane-d4 (Surrogate)	111	%	76 - 114 (LCL - UCL)		EPA-8260	01/15/08	01/16/08 12:24	MWB	HPCHEM	1	BRA0806		
Toluene-d8 (Surrogate)	102	%	88 - 110 (LCL - UCL)		EPA-8260	01/15/08	01/16/08 12:24	MWB	HPCHEM	1	BRA0806		
4-Bromofluorobenzene (Surrogate)	98.5	%	86 - 115 (LCL - UCL)		EPA-8260	01/15/08	01/16/08 12:24	MWB	HPCHEM	1	BRA0806		

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

Reported: 01/18/2008 13:46

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	Control Limits RPD	Control Limits Percent Recovery	Lab Quals
Benzene	BRA0806	Matrix Spike	0800540-01	0	25.560	25.000	ug/L		102		70 - 130	
		Matrix Spike Duplicate	0800540-01	0	25.610	25.000	ug/L	0	102	20	70 - 130	
Bromodichloromethane	BRA0806	Matrix Spike	0800540-01	0	26.600	25.000	ug/L		106		70 - 130	
		Matrix Spike Duplicate	0800540-01	0	26.070	25.000	ug/L	1.9	104	20	70 - 130	
Chlorobenzene	BRA0806	Matrix Spike	0800540-01	0	25.190	25.000	ug/L		101		70 - 130	
		Matrix Spike Duplicate	0800540-01	0	24.760	25.000	ug/L	2.0	99.0	20	70 - 130	
Chloroethane	BRA0806	Matrix Spike	0800540-01	0	25.670	25.000	ug/L		103		70 - 130	
		Matrix Spike Duplicate	0800540-01	0	27.110	25.000	ug/L	4.7	108	20	70 - 130	
1,4-Dichlorobenzene	BRA0806	Matrix Spike	0800540-01	0	23.060	25.000	ug/L		92.2		70 - 130	
		Matrix Spike Duplicate	0800540-01	0	22.970	25.000	ug/L	0.3	91.9	20	70 - 130	
1,1-Dichloroethane	BRA0806	Matrix Spike	0800540-01	0	24.930	25.000	ug/L		99.7		70 - 130	
		Matrix Spike Duplicate	0800540-01	0	24.980	25.000	ug/L	0.2	99.9	20	70 - 130	
1,1-Dichloroethene	BRA0806	Matrix Spike	0800540-01	0	24.990	25.000	ug/L		100		70 - 130	
		Matrix Spike Duplicate	0800540-01	0	24.790	25.000	ug/L	0.8	99.2	20	70 - 130	
Toluene	BRA0806	Matrix Spike	0800540-01	0	24.930	25.000	ug/L		99.7		70 - 130	
		Matrix Spike Duplicate	0800540-01	0	25.070	25.000	ug/L	0.3	100	20	70 - 130	
Trichloroethene	BRA0806	Matrix Spike	0800540-01	0	24.390	25.000	ug/L		97.6		70 - 130	
		Matrix Spike Duplicate	0800540-01	0	25.400	25.000	ug/L	4.4	102	20	70 - 130	
1,2-Dichloroethane-d4 (Surrogate)	BRA0806	Matrix Spike	0800540-01	ND	11.360	10.000	ug/L		114		76 - 114	
		Matrix Spike Duplicate	0800540-01	ND	10.430	10.000	ug/L		104		76 - 114	
Toluene-d8 (Surrogate)	BRA0806	Matrix Spike	0800540-01	ND	10.110	10.000	ug/L		101		88 - 110	
		Matrix Spike Duplicate	0800540-01	ND	9.9000	10.000	ug/L		99.0		88 - 110	
4-Bromofluorobenzene (Surrogate)	BRA0806	Matrix Spike	0800540-01	ND	9.7800	10.000	ug/L		97.8		86 - 115	
		Matrix Spike Duplicate	0800540-01	ND	9.5200	10.000	ug/L		95.2		86 - 115	

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

Reported: 01/18/2008 13:46

Volatile Organic Analysis (EPA Method 8260)

Quality Control Report - Laboratory Control Sample

Constituent	Batch ID	QC Sample ID	QC Type	Result	Spike Level	PQL	Units	Percent Recovery	RPD	Control Limits Percent Recovery	Control Limits RPD	Lab Quals
Benzene	BRA0806	BRA0806-BS1	LCS	26.410	25.000	0.50	ug/L	106		70 - 130		
Bromodichloromethane	BRA0806	BRA0806-BS1	LCS	26.480	25.000	0.50	ug/L	106		70 - 130		
Chlorobenzene	BRA0806	BRA0806-BS1	LCS	24.900	25.000	0.50	ug/L	99.6		70 - 130		
Chloroethane	BRA0806	BRA0806-BS1	LCS	27.770	25.000	0.50	ug/L	111		70 - 130		
1,4-Dichlorobenzene	BRA0806	BRA0806-BS1	LCS	23.770	25.000	0.50	ug/L	95.1		70 - 130		
1,1-Dichloroethane	BRA0806	BRA0806-BS1	LCS	25.890	25.000	0.50	ug/L	104		70 - 130		
1,1-Dichloroethene	BRA0806	BRA0806-BS1	LCS	27.400	25.000	0.50	ug/L	110		70 - 130		
Toluene	BRA0806	BRA0806-BS1	LCS	25.940	25.000	0.50	ug/L	104		70 - 130		
Trichloroethene	BRA0806	BRA0806-BS1	LCS	26.080	25.000	0.50	ug/L	104		70 - 130		
1,2-Dichloroethane-d4 (Surrogate)	BRA0806	BRA0806-BS1	LCS	10.180	10.000		ug/L	102		76 - 114		
Toluene-d8 (Surrogate)	BRA0806	BRA0806-BS1	LCS	10.030	10.000		ug/L	100		88 - 110		
4-Bromofluorobenzene (Surrogate)	BRA0806	BRA0806-BS1	LCS	9.7400	10.000		ug/L	97.4		86 - 115		

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

Reported: 01/18/2008 13:46

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	BRA0806	BRA0806-BLK1	ND	ug/L	0.50		
Bromodichloromethane	BRA0806	BRA0806-BLK1	ND	ug/L	0.50		
Bromoform	BRA0806	BRA0806-BLK1	ND	ug/L	0.50		
Bromomethane	BRA0806	BRA0806-BLK1	ND	ug/L	1.0		
Carbon tetrachloride	BRA0806	BRA0806-BLK1	ND	ug/L	0.50		
Chlorobenzene	BRA0806	BRA0806-BLK1	ND	ug/L	0.50		
Chloroethane	BRA0806	BRA0806-BLK1	ND	ug/L	0.50		
Chloroform	BRA0806	BRA0806-BLK1	ND	ug/L	0.50		
Chloromethane	BRA0806	BRA0806-BLK1	ND	ug/L	0.50		
Dibromochloromethane	BRA0806	BRA0806-BLK1	ND	ug/L	0.50		
1,2-Dichlorobenzene	BRA0806	BRA0806-BLK1	ND	ug/L	0.50		
1,3-Dichlorobenzene	BRA0806	BRA0806-BLK1	ND	ug/L	0.50		
1,4-Dichlorobenzene	BRA0806	BRA0806-BLK1	ND	ug/L	0.50		
Dichlorodifluoromethane	BRA0806	BRA0806-BLK1	ND	ug/L	0.50		
1,1-Dichloroethane	BRA0806	BRA0806-BLK1	ND	ug/L	0.50		
1,2-Dichloroethane	BRA0806	BRA0806-BLK1	ND	ug/L	0.50		
1,1-Dichloroethene	BRA0806	BRA0806-BLK1	ND	ug/L	0.50		
cis-1,2-Dichloroethene	BRA0806	BRA0806-BLK1	ND	ug/L	0.50		
trans-1,2-Dichloroethene	BRA0806	BRA0806-BLK1	ND	ug/L	0.50		
1,2-Dichloropropane	BRA0806	BRA0806-BLK1	ND	ug/L	0.50		
cis-1,3-Dichloropropene	BRA0806	BRA0806-BLK1	ND	ug/L	0.50		
trans-1,3-Dichloropropene	BRA0806	BRA0806-BLK1	ND	ug/L	0.50		
Ethylbenzene	BRA0806	BRA0806-BLK1	ND	ug/L	0.50		
Methylene chloride	BRA0806	BRA0806-BLK1	ND	ug/L	1.0		

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21 Technology Drive
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Project: 5430
Project Number: [none]
Project Manager: Anju Farfan

Reported: 01/18/2008 13:46

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	BRA0806	BRA0806-BLK1	ND	ug/L	0.50		
1,1,2,2-Tetrachloroethane	BRA0806	BRA0806-BLK1	ND	ug/L	0.50		
Tetrachloroethene	BRA0806	BRA0806-BLK1	ND	ug/L	0.50		
Toluene	BRA0806	BRA0806-BLK1	ND	ug/L	0.50		
1,1,1-Trichloroethane	BRA0806	BRA0806-BLK1	ND	ug/L	0.50		
1,1,2-Trichloroethane	BRA0806	BRA0806-BLK1	ND	ug/L	0.50		
Trichloroethene	BRA0806	BRA0806-BLK1	ND	ug/L	0.50		
Trichlorofluoromethane	BRA0806	BRA0806-BLK1	ND	ug/L	0.50		
1,1,2-Trichloro-1,2,2-trifluoroethane	BRA0806	BRA0806-BLK1	ND	ug/L	0.50		
Vinyl chloride	BRA0806	BRA0806-BLK1	ND	ug/L	0.50		
Total Xylenes	BRA0806	BRA0806-BLK1	ND	ug/L	1.0		
Total Purgeable Petroleum Hydrocarbons	BRA0806	BRA0806-BLK1	ND	ug/L	50		
1,2-Dichloroethane-d4 (Surrogate)	BRA0806	BRA0806-BLK1	101	%	76 - 114 (LCL - UCL)		
Toluene-d8 (Surrogate)	BRA0806	BRA0806-BLK1	99.0	%	88 - 110 (LCL - UCL)		
4-Bromofluorobenzene (Surrogate)	BRA0806	BRA0806-BLK1	108	%	86 - 115 (LCL - UCL)		

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TRC Alton Geoscience 21 Technology Drive Irvine, CA 92618-2302	Project: 5430 Project Number: [none] Project Manager: Anju Farfan	**Reported:** 01/18/2008 13:46

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

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BC LABORATORIES INC. **SAMPLE RECEIPT FORM** Rev. No. 10 01/21/04 Page 1 Of 1

Submission #: 08-00540 | Project Code: | TB Batch #

SHIPPING INFORMATION

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

SHIPPING CONTAINER

Ice Chest ☐ None ☐
Box ☐ Other ☐ (Specify)_____

Refrigerant: Ice ☑ Blue Ice ☐ None ☐ Other ☐ Comments:

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

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

COC Received ☑ YES ☐ NO

Ice Chest ID _____ Temperature: 1.0 °C Thermometer ID: 48

Emissivity .97 Container VOA

Date/Time 1/10/08 2025 Analyst Init AL

SAMPLE CONTAINERS	SAMPLE NUMBERS 1	2	3	4	5	6	7	8	9	10
QT GENERAL MINERAL/ GENERAL PHYSICAL										
PT PE UNPRESERVED										
QT INORGANIC CHEMICAL METALS										
PT INORGANIC CHEMICAL METALS										
PT CYANIDE										
PT NITROGEN FORMS										
PT TOTAL SULFIDE										
2oz. NITRATE / NITRITE										
100ml TOTAL ORGANIC CARBON										
QT TOX										
PT CHEMICAL OXYGEN DEMAND										
PtA PHENOLICS										
40ml VOA VIAL TRAVEL BLANK										
40ml VOA VIAL	A3	A3	A3	A3	A3	A3	( )	( )	( )	( )
QT EPA 413.1, 413.2, 418.1										
PT ODOR										
RADIOLOGICAL										
BACTERIOLOGICAL										
40 ml VOA VIAL-504										
QT EPA 508/608/8080										
QT EPA 515.1/8150										
QT EPA 525										
QT EPA 525 TRAVEL BLANK										
100ml EPA 547										
100ml EPA 531.1										
QT EPA 548										
QT EPA 549										
QT EPA 632										
QT EPA 8015M										
QT QA/QC										
QT AMBER										
8 OZ. JAR										
32 OZ. JAR										
SOIL SLEEVE										
PCB VIAL										
PLASTIC BAG										
FERROUS IRON										
ENCORE										

Comments:_____

Sample Numbering Completed By:_____ Date/Time: 1/11/08 1328

(H:\DOCS\WP80\LAB_DOCS\FORMS\SAMREC2.WPD)

08-00540

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**
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 #:**
Conoco Phillips Mgr:	**Sampler Name:** ALEX

Lab#	Sample Description	Field Point Name	Date & Time Sampled	MATRIX (GW) Groundwater (S) Soil (WW) Wastewater (SL) Sludge	BTEX/MTBE by 8021B, Gas by 8015	TPH GAS by 8015M	TPH DIESEL by 8015	8260 full list w/ oxygenates	BTEX/MTBE/~~OXYS~~ BY 8260B	ETHANOL by 8260B	TPH –G by GC/MS	HVOC's (8010 list) by 8260B			Turnaround Time Requested
	-1	U-1	1/10/8 0730	GW					X		X	X			STD
	-2	U-4	0840												
	-3	U-2	0855												
	-4	U-7	0915									X			
	-5	U-6	0750												
	-6	U-3	0805									X			

CHK BY DISTRIBUTION SUB-OUT

Comments:	Relinquished by: (Signature)	Received by: FRIDGE	Date & Time 1/10/8 1020
GLOBAL ID: T0600101765	~~Relinquished by: (Signature)~~	Received by:	Date & Time 1/10/08 1310
	Relinquished by: (Signature) Ross Dickey 1/10/08	Received by:	Date & Time 1-10-08 1630

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.