ConocoPhillips

76 Broadway
Sacramento, CA 95818
phone 916.558.7676
fax 916.558.7639

July 12, 2005

Mr. Don Hwang
Alameda County Health Agency
1131 Harbor Bay Parkway, Suite 250
Alameda CA 94502

Re: Document Transmittal
Fuel Leak Case
76 Station # 5430
1938 Washington Avenue, San Leandro, CA

Dear Mr. Hwang:

Please find attached Delta's *Semi-Annual Summary Report – Fourth Quarter 2004 and First Quarter 2005* dated July 7, 2005 and TRC's *Semi-Annual Monitoring Report, October, 2004 through March, 2005* dated April 13, 2005 for the above referenced site. I declare under penalty of perjury that to the best of my knowledge the information and/or recommendations contained in the attached proposal or report is true and correct.

If you have any questions or need additional information, please call me at (916) 558-7666.

Sincerely

Thomas H. Kosel
Site Manager, Risk Management and Remediation
ConocoPhillips, 76 Broadway, Sacramento CA 95818

Enclosure

cc: Jan Wagoner, Delta

Delta
Environmental
Consultants, Inc.

Solving environment-related business problems worldwide

www.deltaenv.com

3164 Gold Camp Drive • Suite 200
Rancho Cordova, California 95670 USA

916.638.2085 800.477.7411
Fax 916.638.8385

July 7, 2005

Mr. Thomas Kosel
ConocoPhillips
76 Broadways Avenue
Sacramento, CA 95818

RE: **Semi-Annual Summary Report-Fourth Quarter, 2004 and First Quarter, 2005**

Dear Mr. Kosel:

Delta Environmental Consultants, Inc. is submitting this *Semi-Annual Summary Report, October 2004 through March 2005* and forwarding TRC's *Semi-Annual Monitoring Report October 2004 through March 2005* dated April 13, 2005 for the following location:

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

Sincerely,
Delta Environmental Consultants, Inc.

Jan W. Wagoner
Project Manager

PROFESSIONAL GEOLOGIST
ERIC JAMES HOLM
NO. 5880
STATE OF CALIFORNIA

Eric J. Holm
Senior Specialist
California Professional Geologist No. 5880

Enclosure

SEMI-ANNUAL SUMMARY REPORT
October 2004 through March 2005

76 Service Station No. 5430
1935 Washington Ave.
San Leandro, California

City/County ID #: San Leandro

County: Alameda

PREVIOUS ASSESSMENT

The Site is located at 1935 Washington Avenue in San Leandro, California and has been an active service station since 1965.

Unocal files suggest that a product line leak occurred in June of 1976 and that one of the original underground gasoline tanks failed a precision test in October 1981. In December 1981, the two original steel gasoline storage tanks were replaced with two fiberglass gasoline storage tanks.

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

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

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

In May, 1998 a well search was performed by PEG indicating three private domestic wells, nine irrigation wells and twelve monitoring wells within a ½ 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 July and August 1998 the product dispensers and associated underground product piping were replaced. Additionally the underground waste-oil storage tank was replaced with an above-ground waste oil storage tank. A total of 50 cubic yards of soil was over-excavated from the site.

SENSITIVE RECEPTOR SURVEY

In May 1998, a well search was performed by PEG reporting three private domestic wells, nine irrigation wells and twelve monitoring wells within a ½ 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.

MONITORING AND SAMPLING

There are currently six on-site groundwater monitoring wells and one off-site groundwater monitoring well in use at the site. Two of the wells (U-3 and U-5) were noted as being paved over prior to the April through September, 2004 and were not sampled during the last two monitoring and sampling events. The current status of these wells will be confirmed prior to the September, 2005 sampling event.

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

CHARACTERIZATION STATUS

Hydrocarbon impact in soil has been adequately evaluated. The hydrocarbon plume is considered stable. In the March, 2005 monitoring and sampling data, the current maximum dissolved TPH-g and benzene concentrations were reported as 1,100 µg/l and 5.8 µg/l respectively. MtBE was not detected above laboratory detection limits.

October, 2004 through March, 2005 discussion:

As reported:
The average groundwater elevation increased 4.51 feet from the previous event (September, 2004). Depth to groundwater ranged from 26.26 feet (U-7) to 28.1 feet (U-1) below top of casing (TOC).

Groundwater gradient increased to 0.01ft/ft from 0.004 ft/ft in September, 2004. The flow direction remained unchanged to the south.

Five wells (4 onsite and 1 offsite) were sampled and gauged. U-3 & U-5 were noted as paved over and not sampled or gauged.

Chemicals of Concern:
TPH-g: Only reported in well U-6 at a concentration of 1,100 µg/l. This is a decrease from an observed concentration of 3,600 µg/l in September, 2004. Remaining sampled wells were ND<50 µg/l which is consistent with the previous event.

Benzene: Only reported in well U-6 at a concentration of 5.8 µg/l. This is down slightly from previous event concentration of 14 µg/l. Remaining sampled wells were ND<.5µg/l which is consistent with the previous event.

MtBE: Not reported above laboratory detection limits. Maximum detection limit reported as ND<2.5 µg/l in well U-6. Concentrations reported in previous event were also at or near laboratory detection limits.

RECENT CORRESPONDENCE

No regulatory correspondence was sent or received in the fourth quarter 2004 or first quarter 2005.

This Semi-Annual Period's Activities (Fourth quarter 2004 and First quarter 2005)

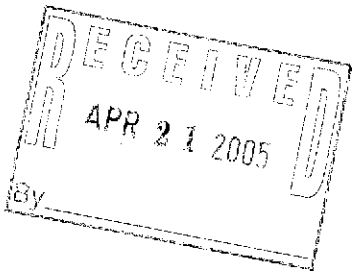
1. TRC performed semi-annual monitoring/sampling event on March 3, 2005

Next Semi-Annual Period's Activities (Second and Third quarter, 2005)

1. Delta will perform a Sensitive Receptor Survey at the site.
2. Delta will maintain a dialogue with Alameda County regarding potential closure of the site.
3. Delta performed a site visit on June 6, 2005 and located missing wells U-3 but was unable to locate well U-5. An additional search for well U-5 will be performed using available survey data.

CONSULTANT: Delta Environmental Consultants, Inc.

TRC
Customer-Focused Solutions



April 15, 2005

ConocoPhillips Company
76 Broadway
Sacramento, CA 95818

ATTN: MR. THOMAS H. KOSEL

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

RE: SEMI-ANNUAL MONITORING REPORT
OCTOBER 2004 THROUGH MARCH 2005

Dear Mr. Kosel:

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) 753-0101.

Sincerely,

TRC

Anju Farfan
QMS Operations Manager

CC: Mr. Steve Meeks, Delta Environmental (3 copies)

Enclosures
20-0400/5430R02.QMS

21 Technology Drive • Irvine, California 92618
Telephone 949-753-0101 • Fax 949-753-0111

TRC

Customer-Focused Solutions

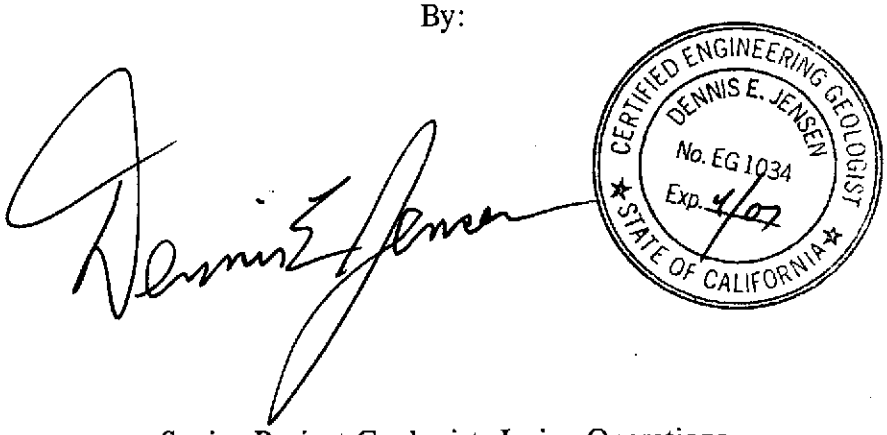
SEMI-ANNUAL MONITORING REPORT
OCTOBER 2004 THROUGH MARCH 2005

76 STATION 5430
1935 Washington Avenue
San Leandro, California

Prepared For:

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

By:



Senior Project Geologist, Irvine Operations
April 13, 2005

21 Technology Drive • Irvine, California 92618
Telephone 949-727-9336 • Fax 949-727-7399

LIST OF ATTACHMENTS	
Summary Sheet	Summary of Gauging and Sampling Activities
Tables	Table Key Table 1: Current Fluid Levels and Selected Analytical Results Table 2: Historic Fluid Levels and Selected Analytical Results Table 3: Additional Analytical Results Table 3b: Additional Analytical Results Table 3c: Additional 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 Groundwater Sampling Field Notes
Laboratory Reports	Official Laboratory Reports Quality Control Reports Chain of Custody Records
Statements	Purge Water Disposal Limitations

Summary of Gauging and Sampling Activities
October 2004 through March 2005
76 Station 5430
1935 Washington Avenue
San Leandro, CA

Project Coordinator: **Thomas Kosel**
Telephone: **916-558-7666**
Water Sampling Contractor: ***TRC***
Compiled by: **Valentina Tobon**
Date(s) of Gauging/Sampling Event: **03/03/05**

Sample Points

Groundwater wells: **6** onsite, **1** offsite
Wells gauged: **5** Wells sampled: **5**
Purging method: **Diaphragm pump/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: **26.26 feet** Maximum: **28.1 feet**
Average groundwater elevation (relative to available local datum): **28.51 feet**
Average change in groundwater elevation since previous event: **4.51 feet**
Interpreted groundwater gradient and flow direction:
Current event: **0.01 ft/ft, south**
Previous event: **0.004 ft/ft, south (09/16/04)**

Selected Laboratory Results

Wells with detected **Benzene:** **1** Wells above MCL (1.0 µg/l): **1**
Maximum reported benzene concentration: **5.8 µg/l (U-6)**

Wells with **TPH-G** **1** Maximum: **1,100 µg/l (U-6)**
Wells with **MTBE** **0**

Notes:

TPH-G used for this Quarter due to late lab.
U-3=Paved over, U-5=Paved over,

TABLES

TABLE KEY

STANDARD ABREVIATIONS

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

ANALYTES

BTEX	=	benzene, toluene, ethylbenzene, and (total) xylenes
DIPE	=	di-isopropyl ether
ETBE	=	ethyl tertiary butyl ether
MTBE	=	methyl tertiary butyl ether
PCB	=	polychlorinated biphenyls
PCE	=	tetrachloroethene
TBA	=	tertiary butyl alcohol
TCA	=	trichloroethane
TCE	=	trichloroethene
TPH-G	=	total petroleum hydrocarbons with gasoline distinction
TPH-D	=	total petroleum hydrocarbons with diesel distinction
TPPH	=	total purgeable petroleum hydrocarbons
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.

Table 1
CURRENT FLUID LEVELS AND SELECTED ANALYTICAL RESULTS
March 3, 2005
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 (µg/l)	TPPH 8260B (µg/l)	Benzene (µg/l)	Toluene (µg/l)	Ethyl-benzene (µg/l)	Total Xylenes (µg/l)	MTBE 8021B (µg/l)	MTBE 8260B (µg/l)	Comments
U-1		**(Screen Interval in feet: 20.0-40.0)**												
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	
U-2		**(Screen Interval in feet: 20.0-40.0)**												
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	
U-3		**(Screen Interval in feet: 20.0-40.0)**												
03/03/05	55.23	--	--	--	--	--	--	--	--	--	--	--	--	Paved over
U-4		**(Screen Interval in feet: 25.0-40.0)**												
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	
U-5		**(Screen Interval in feet: 25.0-40.0)**												
03/03/05	54.18	--	--	--	--	--	--	--	--	--	--	--	--	Paved over
U-6		**(Screen Interval in feet: 25.0-40.0)**												
03/03/05	55.36	27.16	0.00	28.20	4.34	1100	--	5.8	1.2	170	12	--	ND<2.5	
U-7		**(Screen Interval in feet: 25.0-40.0)**												
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	

Table 2
HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS
August 1993 Through March 2005
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 (µg/l)	TPPH 8260B (µg/l)	Benzene (µg/l)	Toluene (µg/l)	Ethyl-benzene (µg/l)	Total Xylenes (µg/l)	MTBE 8021B (µg/l)	MTBE 8260B (µg/l)	Comments
U-1	**(Screen Interval in feet: 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	--	
09/04/97	56.09	31.56	0.00	24.53	-5.53	ND	--	ND	ND	ND	ND	ND	--	

Table 2
HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS
August 1993 Through March 2005
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 (µg/l)	TPPH 8260B (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														
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	--	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	
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	--	--	
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	--	--	

Table 2
HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS
August 1993 Through March 2005
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 (µg/l)	TPPH 8260B (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														
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	--	
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	--	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	--	

Table 2
HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS
August 1993 Through March 2005
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 (µg/l)	TPPH 8260B (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														
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	
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	--	--	
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	--	--	

Table 2
HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS
August 1993 Through March 2005
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 (µg/l)	TPPH 8260B (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														
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	--	
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	--	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
U-4	(Screen Interval in feet: 25.0-40.0)													

Table 2

HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS

August 1993 Through March 2005

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 (µg/l)	TPPH 8260B (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														
03/14/95	55.39	26.52	0.00	28.87	--	490	--	3.2	2.1	0.79	1.2	--	--	
06/20/95	55.39	26.90	0.00	28.49	-0.38	--	--	--	--	--	1.5	--	--	
09/18/95	55.39	29.79	0.00	25.60	-2.89	--	--	--	--	--	--	--	--	
12/14/95	55.39	31.23	0.00	24.16	-1.44	--	--	--	0.59	--	0.79	--	--	
03/06/96	55.39	25.30	0.00	30.09	5.93	ND	--	ND	ND	ND	0.62	50	--	
06/04/96	55.39	26.19	0.00	29.20	-0.89	ND	--	ND	ND	ND	ND	290	--	
09/06/96	55.39	29.32	0.00	26.07	-3.13	ND	--	ND	ND	ND	ND	ND	--	
03/08/97	55.39	24.79	0.00	30.60	4.53	ND	--	ND	ND	ND	ND	ND	--	
09/04/97	55.39	30.71	0.00	24.68	-5.92	ND	--	ND	ND	ND	ND	18	--	
03/09/98	55.39	19.37	0.00	36.02	11.34	ND	--	ND	ND	ND	ND	ND	--	
09/01/98	55.39	26.56	0.00	28.83	-7.19	ND	--	ND	ND	ND	ND	ND	--	
03/02/99	55.39	25.62	0.00	29.77	0.94	110	--	0.89	0.53	ND	0.79	4.9	--	
09/07/99	55.39	26.82	0.00	28.57	-1.20	ND	--	ND	ND	ND	ND	3.0	--	
03/09/00	55.39	24.07	0.00	31.32	2.75	ND	--	ND	0.615	ND	1.05	ND	--	
09/11/00	55.39	26.48	0.00	28.91	-2.41	ND	--	ND	0.686	ND	ND	ND	--	
03/26/01	55.39	25.69	0.00	29.70	--	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	

Table 2
HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS
August 1993 Through March 2005
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 (µg/l)	TPPH 8260B (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	**(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	--	--	--	--	ND	ND	ND	ND	--	
09/04/01	54.18	29.34	0.00	24.84	-4.79	ND<50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<5.0	--	
03/18/02	54.18	26.16	0.00	28.02	3.18	ND<50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<5.0	--	
08/30/02	54.18	28.94	0.00	25.24	-2.78	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<2.0	
03/18/03	54.18	26.58	0.00	27.60	2.36	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<2.0	
09/26/03	54.18	29.60	0.00	24.58	-3.02	--	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<1	--	ND<2	
03/26/04	54.18	26.23	0.00	27.95	3.37	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<0.50	
09/16/04	54.18	--	--	--	--	--	--	--	--	--	--	--	--	Paved over
03/03/05	54.18	--	--	--	--	--	--	--	--	--	--	--	--	Paved over

Table 2
HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS
August 1993 Through March 2005
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 (µg/l)	TPPH 8260B (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	**(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	--	
10/13/00	55.36	29.67	0.00	25.69	-1.32	--	--	--	--	--	--	--	ND	
03/26/01	55.36	26.88	0.00	28.48	2.79	16400	--	412	ND	2010	1010	ND	--	
09/04/01	55.36	30.81	0.00	24.55	-3.93	8000	--	200	ND<25	1100	250	ND<250	--	
03/18/02	55.36	27.87	0.00	27.49	2.94	3900	--	96	ND<10	590	210	ND<100	--	
08/30/02	55.36	30.40	0.00	24.96	-2.53	--	7900	120	ND<5.0	1000	91	--	ND<20	
03/18/03	55.36	28.19	0.00	27.17	2.21	--	1800	30	ND<2.5	270	47	--	ND<10	
09/26/03	55.36	31.15	0.00	24.21	-2.96	--	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<1	--	ND<2	
03/26/04	55.36	27.93	0.00	27.43	3.22	--	3200	25	ND<2.5	420	95	--	ND<2.5	
09/16/04	55.36	31.50	0.00	23.86	-3.57	--	3600	14	ND<2.5	310	35	--	ND<2.5	

Table 2

HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS

August 1993 Through March 2005

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 (µg/l)	TPPH 8260B (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														
03/03/05	55.36	27.16	0.00	28.20	4.34	1100	--	5.8	1.2	170	12	--	ND<2.5	
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	--	
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	--	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	

Table 2

HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS

August 1993 Through March 2005

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 (µg/l)	TPPH 8260B (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														
09/16/04	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	

Table 3
ADDITIONAL ANALYTICAL RESULTS
76 Station 5430

Date Sampled	TPH-D (µg/l)	cis-1,3-dichloropropene (µg/l)	trans-1,3-Dichloropropene (µg/l)	1,4-Dichlorobenzene (µg/l)	EDC (µg/l)	Chlorobenzene (µg/l)	2-Chloroethy l vinyl (µg/l)	Dibromochloromethane (µg/l)	PCE (µg/l)	cis-1,2-Dichloroethene (µg/l)	trans-1,2-Dichloroethene (µg/l)	1,3-Dichlorobenzene (µg/l)	Carbon tetrachloride (µg/l)	Chloroform (µg/l)	1,1,1-Trichloroethane (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	--	--	--	--	--	--	--	--	--	--	--	--	--	75.2	--
03/26/01	--	--	--	--	2.50	--	--	--	--	--	--	--	--	--	--
09/04/01	--	--	--	--	2.4	--	--	--	--	--	--	--	--	--	--
03/18/02	--	--	--	--	4.4	--	--	--	--	--	--	--	--	--	--
08/30/02	--	--	--	--	1.2	--	--	--	--	--	--	--	--	--	--
03/18/03	--	--	--	--	2.6	--	--	--	--	--	--	--	--	--	--
09/26/03	--	--	--	--	ND<0.5	--	--	--	--	--	--	--	--	--	--
03/26/04	--	ND<0.50	ND<0.50	ND<0.50	1.6	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
09/16/04	--	ND<0.50	ND<0.50	ND<0.50	1.3	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
03/03/05	--	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	--	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0

Table 3
ADDITIONAL ANALYTICAL RESULTS
76 Station 5430

Date Sampled	TPH-D (µg/l)	cis-1,3-dichloropropene (µg/l)	trans-1,3-Dichloropropene (µg/l)	1,4-Dichlorobenzene (µg/l)	EDC (µg/l)	Chlorobenzene (µg/l)	2-Chloroethy l vinyl (µg/l)	Dibromochloromethane (µg/l)	PCE (µg/l)	cis-1,2-Dichloroethene (µg/l)	trans-1,2-Dichloroethene (µg/l)	1,3-Dichlorobenzene (µg/l)	Carbon tetrachloride (µg/l)	Chloroform (µg/l)	1,1,1-Trichloroethane (µg/l)
U-2															
03/25/94	--	--	--	--	11	--	--	--	--	--	--	--	--	--	--
06/19/94	--	--	--	--	0.54	--	--	--	--	--	--	--	--	--	--
09/15/94	--	--	--	--	0.66	--	--	--	--	--	--	--	--	--	--
08/30/02	--	--	--	--	ND<2.0	--	--	--	--	--	--	--	--	--	--
03/18/03	--	--	--	--	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	--	--	--	--	--	--	--	--	31	--
09/11/00	--	--	--	--	1.17	--	--	--	--	--	--	--	--	--	--
09/04/01	--	--	--	--	ND<5.0	--	--	--	--	--	--	--	--	--	--
03/18/02	--	--	--	--	ND<0.50	--	--	--	--	--	--	--	--	--	--
08/30/02	--	--	--	--	ND<0.50	--	--	--	--	--	--	--	--	--	--
03/18/03	--	--	--	--	ND<2.0	--	--	--	--	--	--	--	--	--	--
09/26/03	--	--	--	--	ND<0.5	--	--	--	--	--	--	--	--	--	--
03/26/04	--	ND<5.0	ND<5.0	ND<5.0	ND<5.0	ND<5.0	ND<5.0	ND<5.0	ND<5.0	ND<5.0	ND<5.0	ND<5.0	ND<5.0	ND<5.0	ND<5.0
U-4															
03/18/03	--	--	--	--	ND<2.0	--	--	--	--	--	--	--	--	--	--

Table 3
ADDITIONAL ANALYTICAL RESULTS
76 Station 5430

Date Sampled	TPH-D (µg/l)	cis-1,3-dichloropropene (µg/l)	trans-1,3-Dichloropropene (µg/l)	1,4-Dichlorobenzene (µg/l)	EDC (µg/l)	Chlorobenzene (µg/l)	2-Chloroethyl vinyl (µg/l)	Dibromochloromethane (µg/l)	PCE (µg/l)	cis-1,2-Dichloroethene (µg/l)	trans-1,2-Dichloroethene (µg/l)	1,3-Dichlorobenzene (µg/l)	Carbon tetrachloride (µg/l)	Chloroform (µg/l)	1,1,1-Trichloroethane (µg/l)
U-5															
03/18/03	--	--	--	--	ND<2.0	--	--	--	--	--	--	--	--	--	--
U-6															
03/14/95	--	--	--	--	210	--	--	--	--	--	--	--	--	--	--
12/14/95	--	--	--	--	370	--	--	--	--	--	--	--	--	--	--
03/18/03	--	--	--	--	ND<10	--	--	--	--	--	--	--	--	--	--
U-7															
09/04/97	--	--	--	--	--	--	--	--	--	--	--	--	1.3	--	--
09/01/98	--	--	--	--	--	--	--	--	--	--	--	--	2.0	0.60	--
03/02/99	--	--	--	--	--	--	--	--	--	--	--	--	1.2	--	--
03/09/00	--	--	--	--	--	--	--	--	--	--	--	--	0.801	--	--
09/04/01	--	--	--	--	ND<0.50	--	--	--	--	--	--	--	0.60	--	--
03/18/02	--	--	--	--	ND<0.50	--	--	--	--	--	--	--	0.65	1.5	--
08/30/02	--	--	--	--	ND<0.50	--	--	--	--	--	--	--	--	--	--
03/18/03	--	--	--	--	ND<2.0	--	--	--	--	--	--	--	--	--	--
09/26/03	--	--	--	--	ND<0.5	--	--	--	--	--	--	--	--	--	--
03/26/04	--	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
09/16/04	--	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	2.0	ND<0.50	ND<0.50
03/03/05	--	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<50	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0

Table 3 b
ADDITIONAL ANALYTICAL RESULTS
76 Station 5430

Date Sampled	Bromo-methane (µg/l)	Chloro-methane (µg/l)	Chloro-ethane (µg/l)	Vinyl chloride (µg/l)	Methylene chloride (µg/l)	Bromoform (µg/l)	Bromo-dichloro-methane (µg/l)	1,1-Dichloro-ethane (µg/l)	1,1-Dichloro-ethene (µg/l)	Trichloro-fluoro-methane (µg/l)	Trichloro-trifluoro-ethane (µg/l)	1,2-Dichloro-propane (µg/l)	1,1,2-Trichloro-ethane (µg/l)	TCE (µg/l)	1,1,2,2-Tetrachloroethane (µg/l)
U-1															
09/11/00	--	--	--	--	--	--	3.58	--	--	--	--	--	--	--	--
03/26/04	ND<1.0	ND<1.0	ND<1.0	ND<0.50	ND<5.0	ND<2.0	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
09/16/04	ND<1.0	ND<1.0	ND<1.0	ND<0.50	ND<5.0	ND<2.0	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
03/03/05	ND<2.0	ND<2.0	ND<2.0	--	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	--	--	--	ND<1.0	ND<1.0	ND<1.0
U-3															
09/07/99	--	--	--	--	--	--	1.4	--	--	--	--	--	--	--	--
03/26/04	ND<10	ND<10	ND<10	ND<5.0	ND<50	ND<20	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
U-7															
03/18/03	--	--	--	--	--	--	--	--	--	--	--	--	--	1.10	--
03/26/04	ND<1.0	ND<1.0	ND<1.0	ND<0.50	ND<5.0	ND<2.0	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
09/16/04	ND<1.0	ND<1.0	ND<1.0	ND<0.50	ND<5.0	ND<2.0	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
03/03/05	ND<2.0	ND<2.0	ND<2.0	--	ND<1.0	ND<1.0	ND<1.0	ND<1.0	ND<1.0	--	--	--	ND<1.0	ND<1.0	ND<1.0

Table 3 c
ADDITIONAL ANALYTICAL RESULTS
76 Station 5430

Date Sampled	1,2-Dichloro-benzene (µg/l)	Dichloro-difluoro-methane (µg/l)	EDB (µg/l)	1,2,4-Trichloro-benzene (µg/l)	Bromo-chloro-methane (µg/l)	TAME 8260B (µg/l)	TBA 8260B (µg/l)	DIPE 8260B (µg/l)	ETBE 8260B (µg/l)	Ethanol 8260B (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	--	--	--	--	--	--	--	--	--
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	--	ND<2.0	--	--	ND<2.0	ND<100	ND<2.0	ND<2.0	ND<500
09/26/03	ND<2	--	--	--	--	--	--	--	--	--
03/26/04	ND<0.50	ND<1.0	--	--	--	--	--	--	--	--
09/16/04	ND<0.50	ND<1.0	--	--	--	--	--	--	--	--
03/03/05	ND<1.0	ND<2.0	ND<1.0	ND<1.0	ND<1.0	--	--	--	--	--
U-2										
03/25/94	ND	--	--	--	--	--	--	--	--	--
06/19/94	ND	--	--	--	--	--	--	--	--	--
09/15/94	ND	--	--	--	--	--	--	--	--	--
08/30/02	--	--	ND<2.0	--	--	ND<2.0	ND<100	ND<2.0	ND<2.0	ND<500
03/18/03	--	--	ND<2.0	--	--	ND<2.0	ND<100	ND<2.0	ND<2.0	ND<500
U-3										
03/25/94	ND	--	--	--	--	--	--	--	--	--

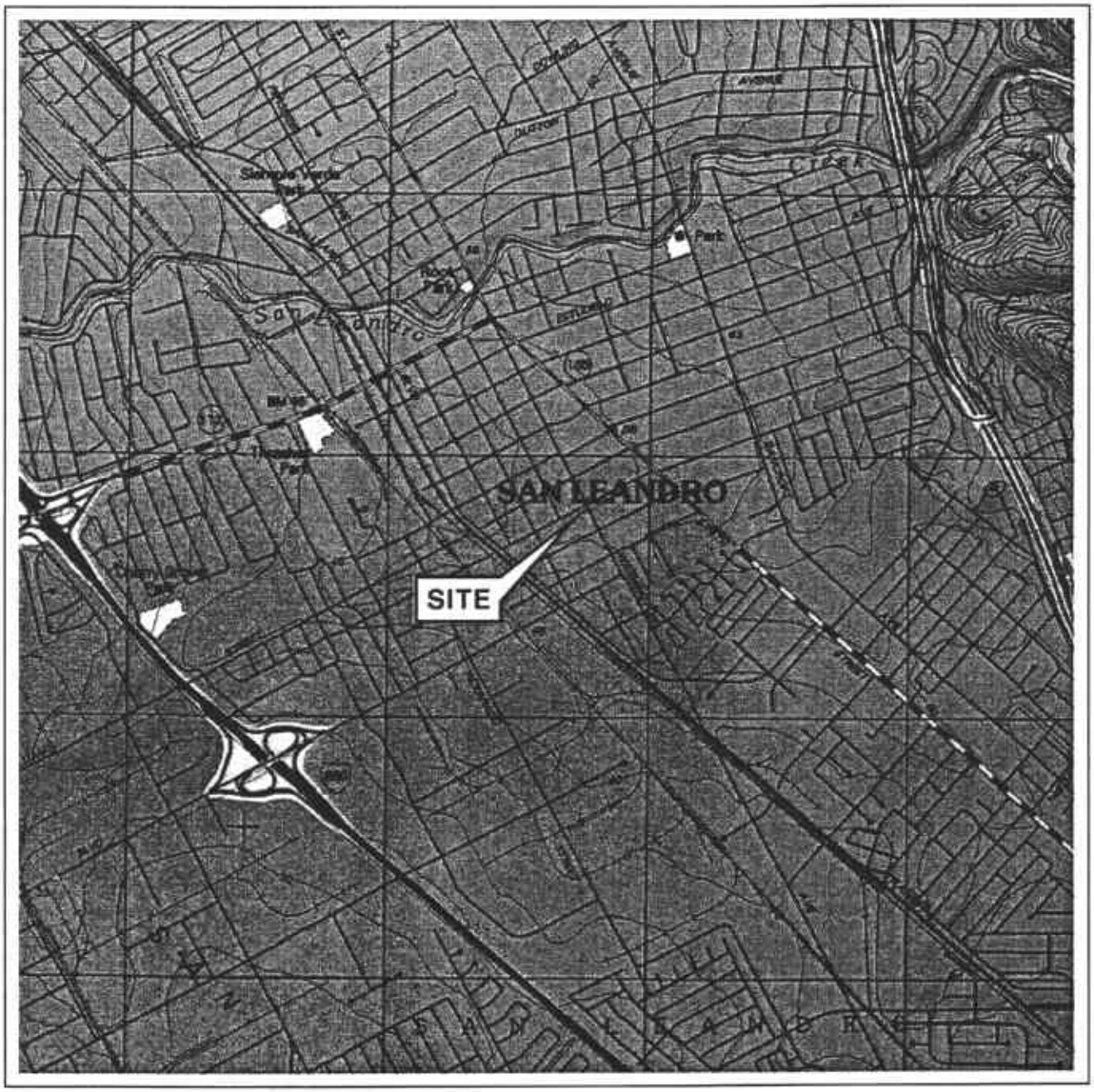
Table 3 c
ADDITIONAL ANALYTICAL RESULTS
76 Station 5430

Date Sampled	1,2-Dichloro-benzene (µg/l)	Dichloro-difluoro-methane (µg/l)	EDB (µg/l)	1,2,4-Trichloro-benzene (µg/l)	Bromo-chloro-methane (µg/l)	TAME 8260B (µg/l)	TBA 8260B (µg/l)	DIPE 8260B (µg/l)	ETBE 8260B (µg/l)	Ethanol 8260B (µg/l)
U-3 continued										
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	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	--	ND<2.0	--	--	ND<2.0	ND<100	ND<2.0	ND<2.0	ND<500
09/26/03	ND<0.5	--	--	--	--	--	--	--	--	--
03/26/04	ND<5.0	ND<10	--	--	--	--	--	--	--	--
U-4										
03/18/03	--	--	ND<2.0	--	--	ND<2.0	ND<100	ND<2.0	ND<2.0	ND<500
U-5										
03/18/03	--	--	ND<2.0	--	--	ND<2.0	ND<100	ND<2.0	ND<2.0	ND<500
U-6										
03/14/95	ND	--	--	--	--	--	--	--	--	--
12/14/95	ND	--	--	--	--	--	--	--	--	--
03/18/03	--	--	ND<10	--	--	ND<10	ND<500	ND<10	ND<10	ND<2500
U-7										

Table 3 c
ADDITIONAL ANALYTICAL RESULTS
76 Station 5430

Date Sampled	1,2-Dichloro-benzene (µg/l)	Dichloro-difluoro-methane (µg/l)	EDB (µg/l)	1,2,4-Trichloro-benzene (µg/l)	Bromo-chloro-methane (µg/l)	TAME 8260B (µg/l)	TBA 8260B (µg/l)	DIPE 8260B (µg/l)	ETBE 8260B (µg/l)	Ethanol 8260B (µg/l)
U-7 continued										
09/04/01	ND<0.50	--	--	--	--	--	--	--	--	--
03/18/02	ND<0.50	--	--	--	--	--	--	--	--	--
08/30/02	ND<0.50	--	--	--	--	--	--	--	--	--
03/18/03	ND<0.50	--	ND<2.0	--	--	ND<2.0	ND<100	ND<2.0	ND<2.0	ND<500
09/26/03	ND<0.5	--	--	--	--	--	--	--	--	--
03/26/04	ND<0.50	ND<1.0	--	--	--	--	--	--	--	--
09/16/04	ND<0.50	ND<1.0	--	--	--	--	--	--	--	--
03/03/05	ND<1.0	ND<2.0	ND<1.0	ND<1.0	ND<1.0	--	--	--	--	--

FIGURES



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

SCALE 1:24,000

N

SOURCE:

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

VICINITY MAP

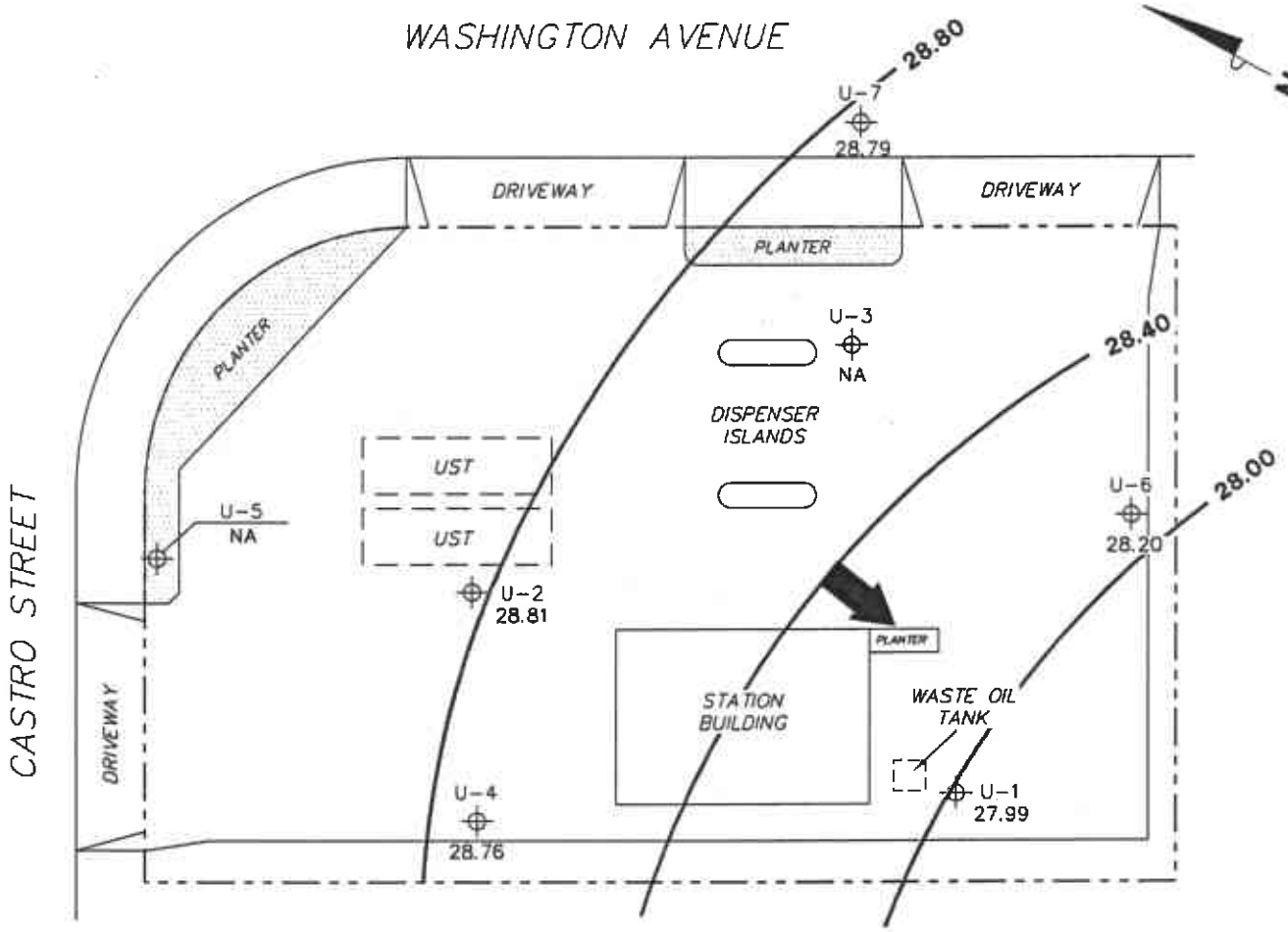
76 Station 5430
1935 Washington Avenue
San Leandro, California

TRC

FIGURE 1

H:S = 1:1

Graphics on Irvine-fs1(L:)\VICINITY MAPS\5430vm.dwg 4/21/04 blw



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.

LEGEND

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

28.80 —— Groundwater Elevation Contour

➡ General Direction of Groundwater Flow

GROUNDWATER ELEVATION CONTOUR MAP
March 3, 2005

76 Station 5430
1935 Washington Avenue
San Leandro, California

TRC

SCALE (FEET)
0 30

FIGURE 2

PS=1:1 5430-003

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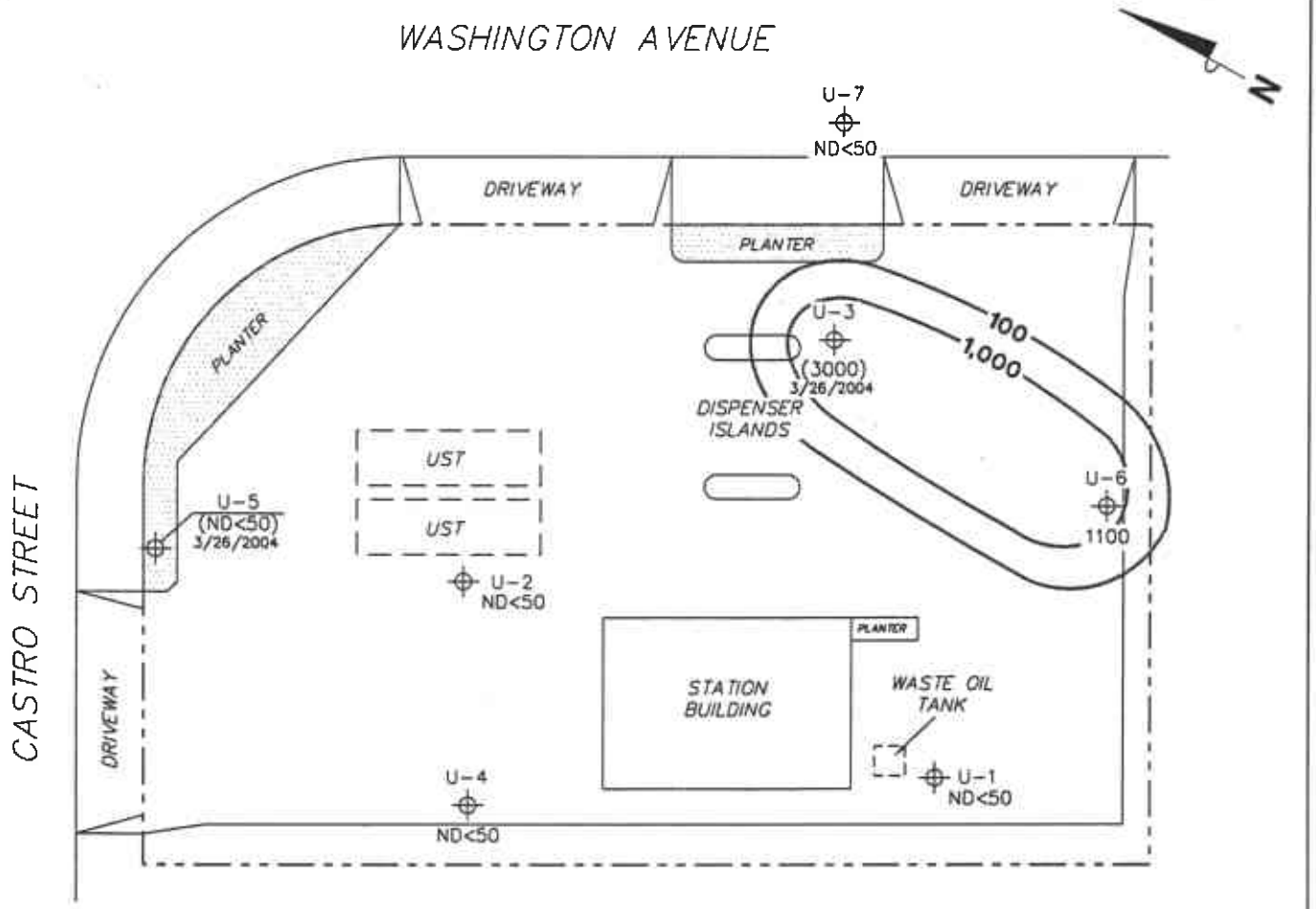


NOTES:

Contour lines are interpretive and based on laboratory analysis results of groundwater samples. TPH-G = total petroleum hydrocarbons as gasoline. µg/l = micrograms per liter. ND = not detected at limit indicated on official laboratory report. UST = underground storage tank. ( ) = representative of historical value. Results obtained using EPA Method 8015.

LEGEND

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

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

DISSOLVED-PHASE TPH-G CONCENTRATION MAP
March 3, 2005

76 Station 5430
1935 Washington Avenue
San Leandro, California

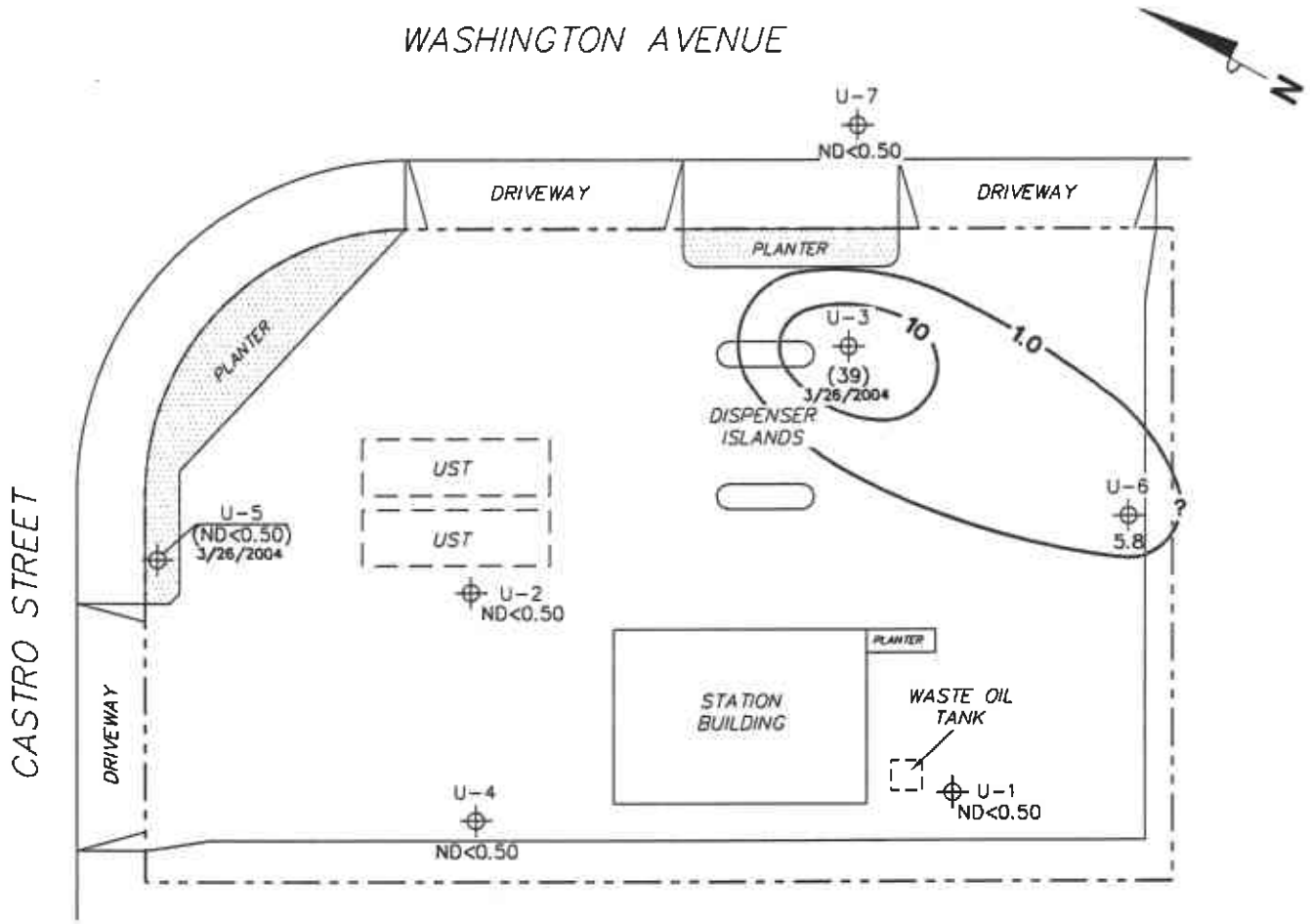
FIGURE 3

TRC

SCALE (FEET)
0 30

PS=1:1 5430-003

L:\Graphics\ProjectsByNumber\20-xxxx\20-0400(UnocalQMS)\x-5000\5430+\5430-QMS.dwg Apr 13, 2005 - 8:14am rdsantos



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. UST = underground storage tank. ( ) = representative of historical value.

LEGEND

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

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

DISSOLVED-PHASE BENZENE CONCENTRATION MAP
March 3, 2005

76 Station 5430
1935 Washington Avenue
San Leandro, California

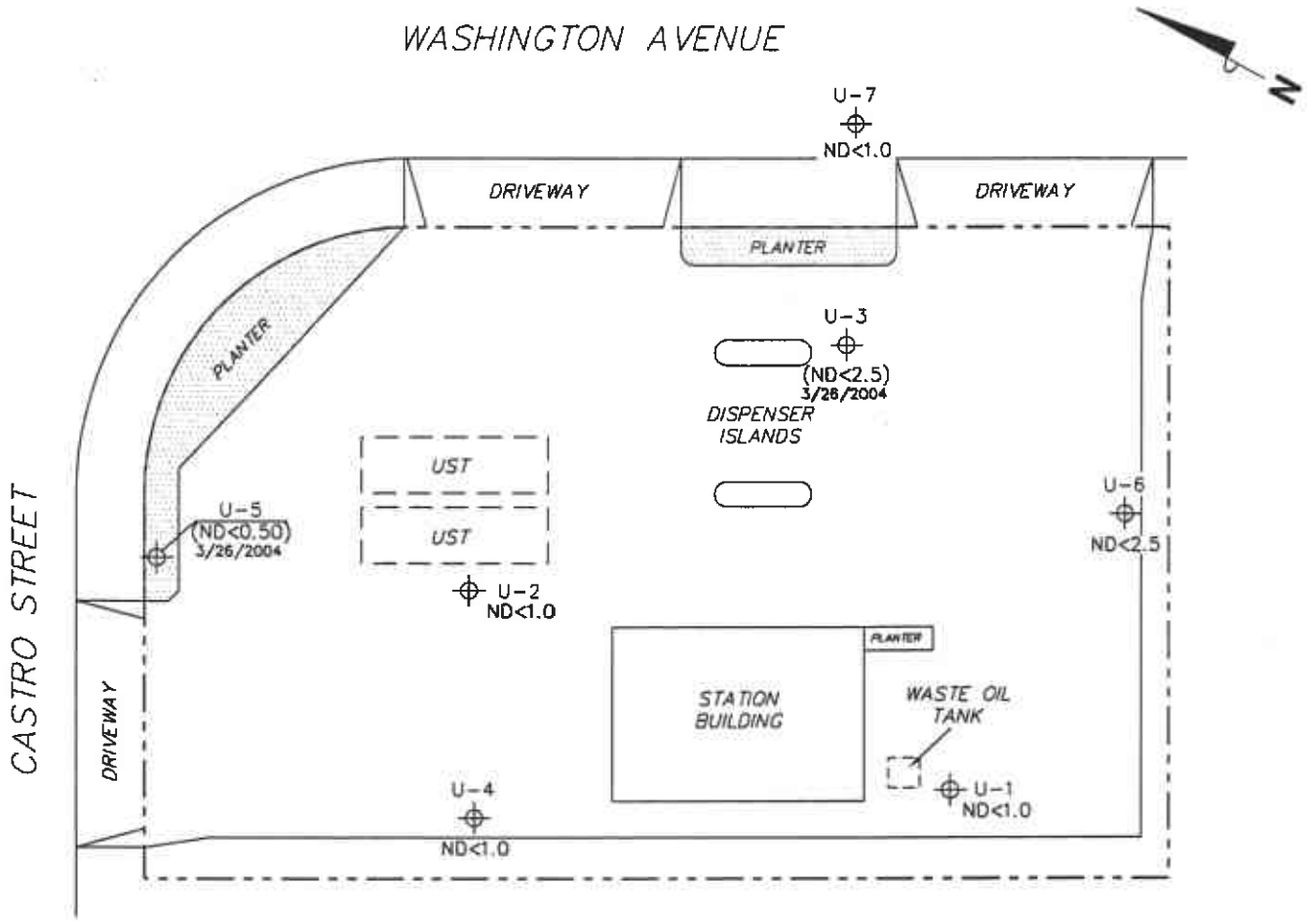
FIGURE 4

TRC

SCALE (FEET)
0 30

PS=1:1 5430-003

\\IRVINE-FS1\Graphics\Graphics\ProjectsByNumber\20-xxxx\20-0400(UnocalQMS)\x-5000\5430+\5430-QMS.dwg Apr 11, 2005 - 2:32pm bschmidt



NOTES:

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

LEGEND

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

DISSOLVED-PHASE MTBE CONCENTRATION MAP
March 3, 2005

76 Station 5430
1935 Washington Avenue
San Leandro, California

FIGURE 5

TRC

SCALE (FEET)
0 30

PS=1:1 5430-003

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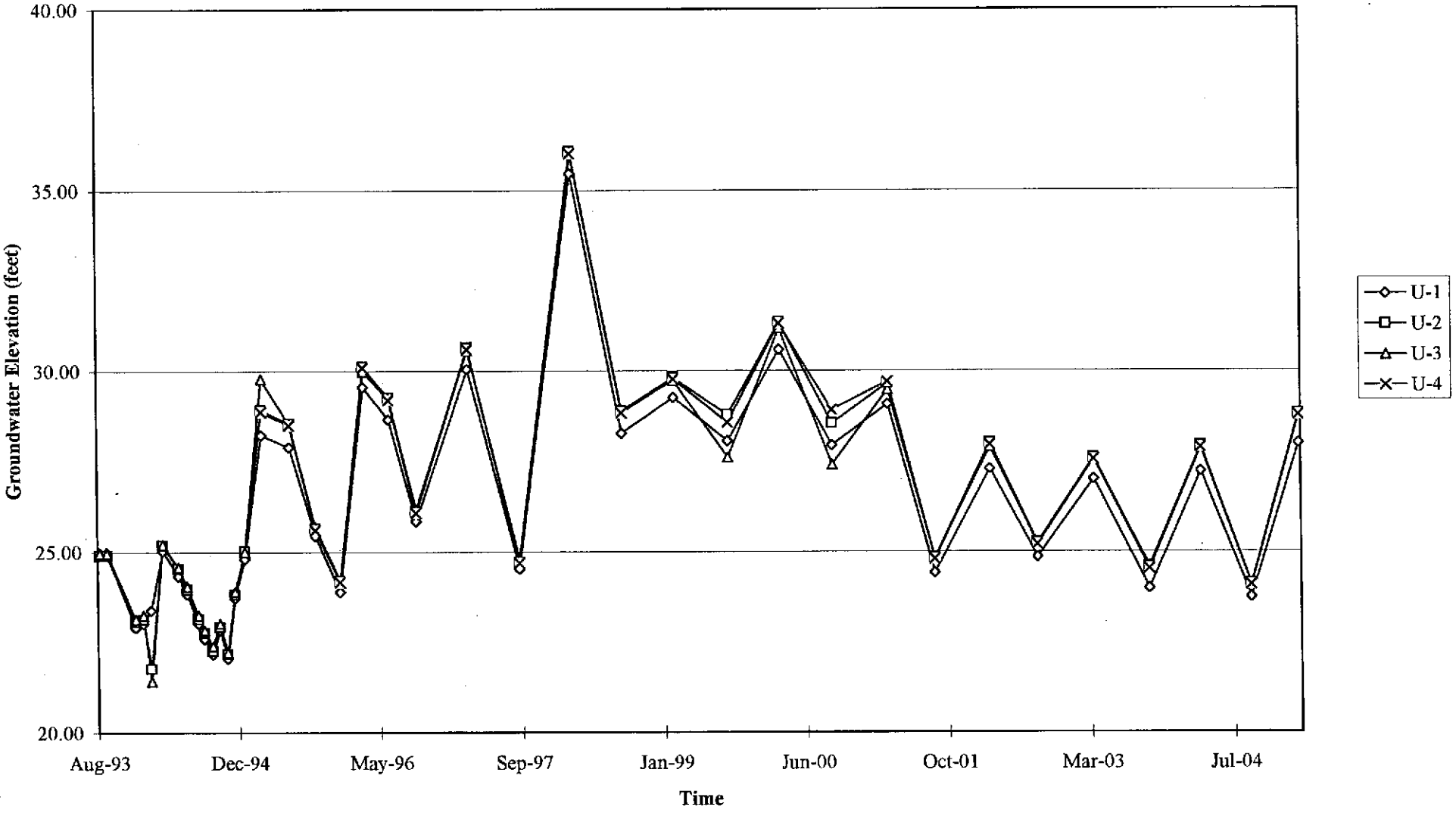
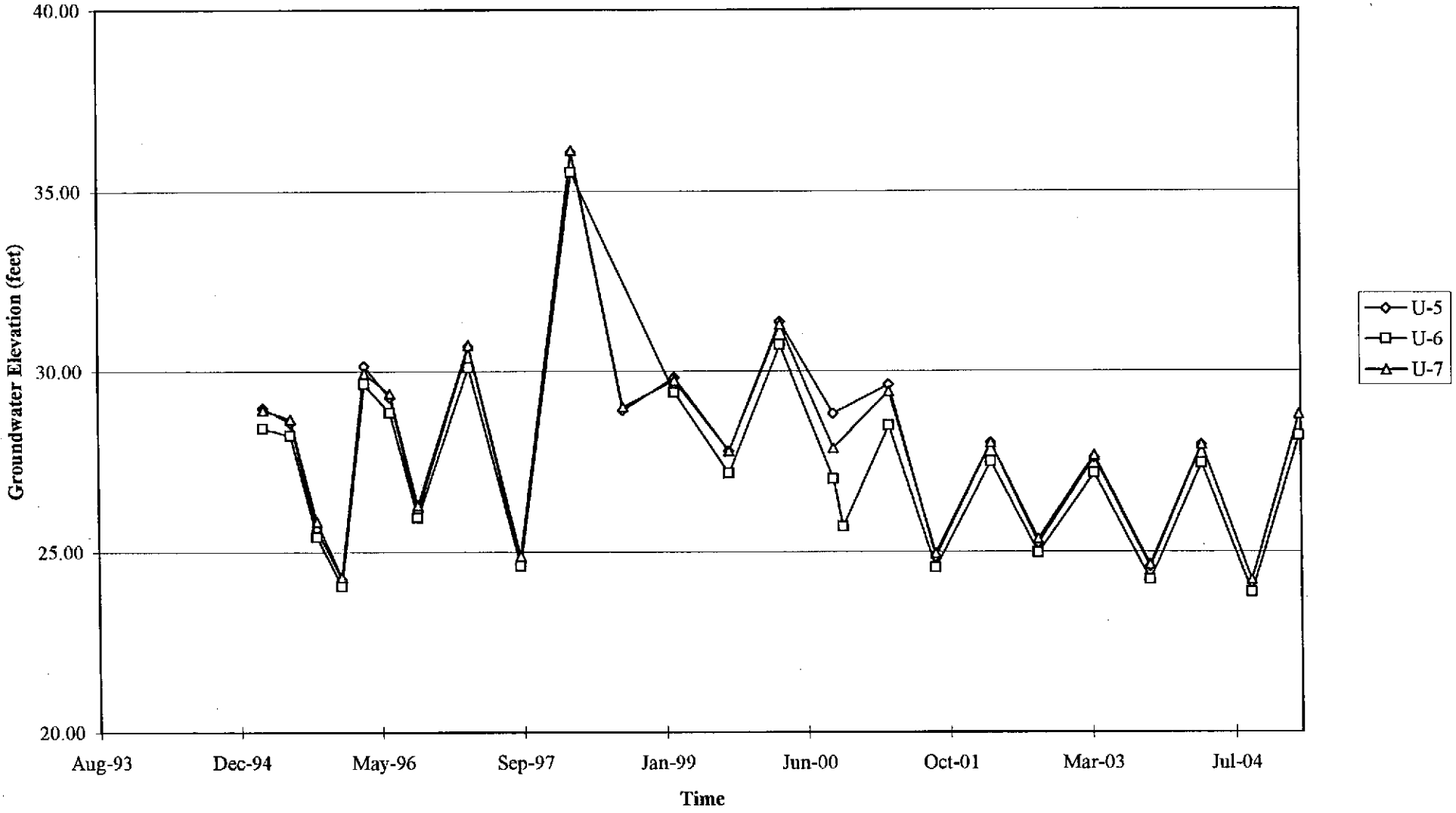
GRAPHS

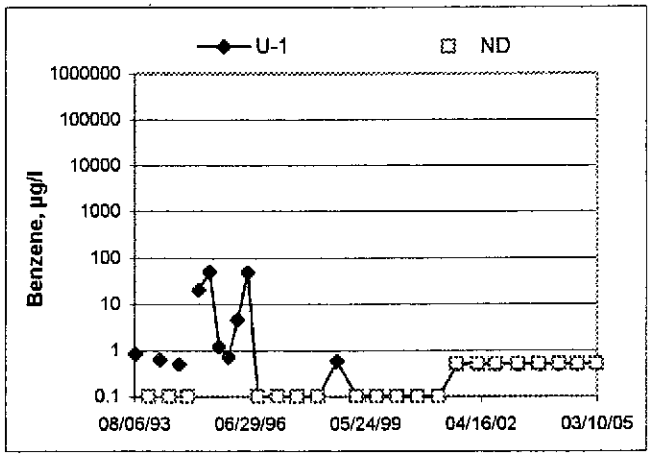
Groundwater Elevations vs. Time
76 Station 5430

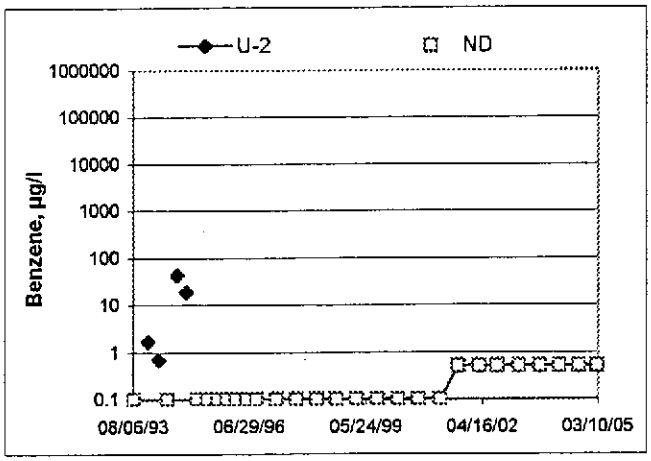


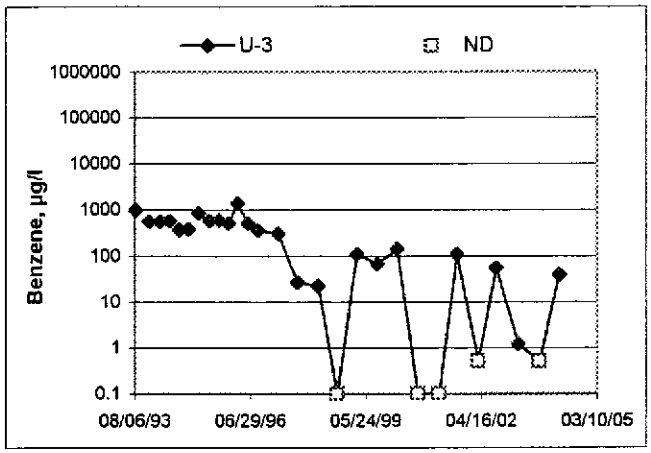
Groundwater Elevations vs. Time
76 Station 5430

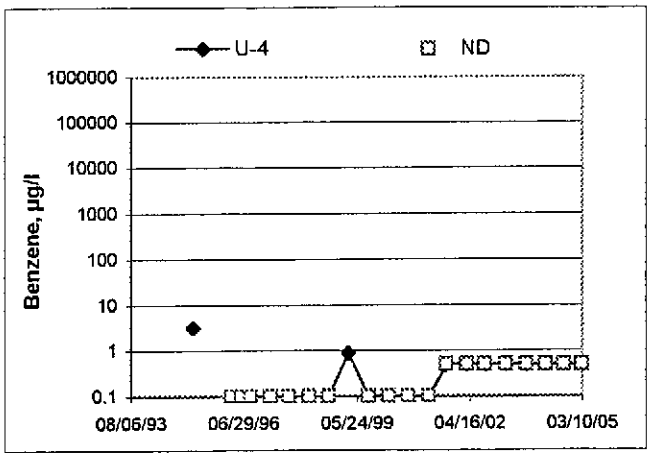


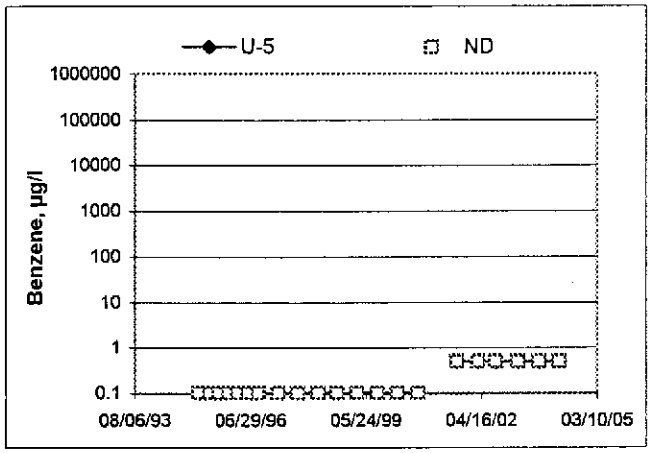
Benzene Concentrations vs Time
76 Station 5430

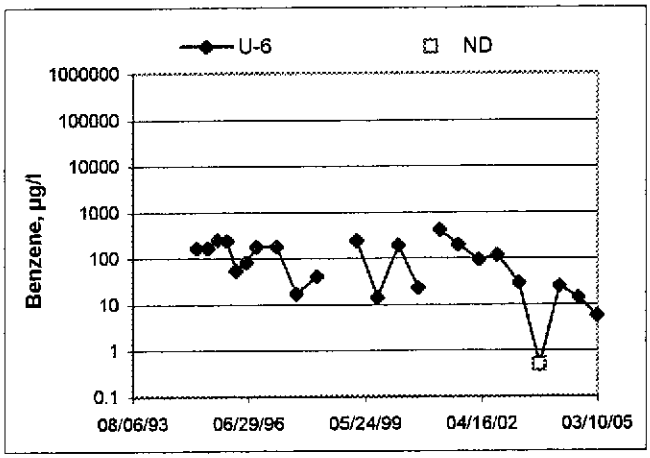


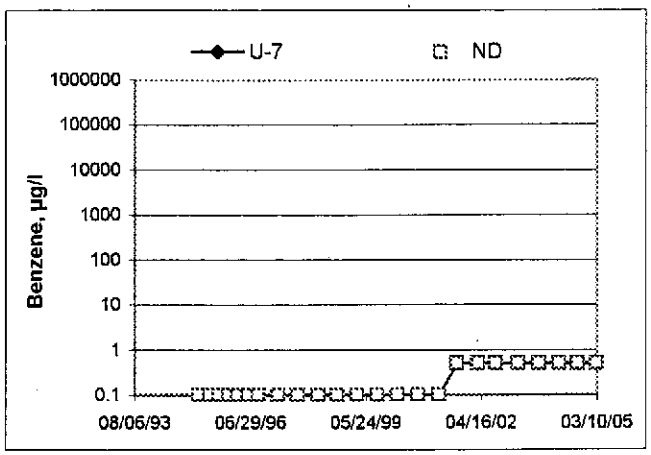












GENERAL FIELD PROCEDURES

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 measurement 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-inchto 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, and the samplers 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 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 well 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 well, decontaminated prior to each use, or discarded after a single use. Decontamination consists of washing in a solution of Liqui-nox and water and rinsing twice. The final rinse is in deionized water.

Exceptions

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

FIELD MONITORING DATA SHEET

Technician: Alex Job #/Task #: 41050001 / FA20 Date: 030306

Site # 5430 Project Manager A. COLLINS Page 1 of 1

Well #	TOC	Time Gauged	Total Depth	Depth to Water	Depth to Product	Product Thickness (feet)	Time Sampled	Misc. Well Notes
U-7	✓	0517	37.57	26.26	–	–	0638	2"
U-5	–	–	–	–	–	–	N/S	PAVED OVER
U-4	✓	0537	38.82	26.63	–	–	0707	2"
U-1	–	0549	39.40	28.10	–	–	0733	2"
U-2	–	0554	39.11	26.48	–	–	0757	2"
U-6	✓	0850	39.93	27.16	–	–	0910	2" INACCESSIBLE
U-3	–	–	–	–	–	–	N/S	PAVED OVER
								CAR PARKED

FIELD DATA COMPLETE | QA/QC | COC | WELL BOX CONDITION SHEETS

WTT CERTIFICATE | MANIFEST | DRUM INVENTORY | TRAFFIC CONTROL

TRC

GROUNDWATER SAMPLING FIELD NOTES

Technician: ALEX

Site: 5430 Project No.: 4050001 Date: 030305

Well No.: U-1 Purge Method: H.B.

Depth to Water (feet): 28.10 Depth to Product (feet): 0

Total Depth (feet): 39.40 LPH & Water Recovered (gallons): 0

Water Column (feet): 11.30 Casing Diameter (Inches): 2"

80% Recharge Depth (feet): 30.36 1 Well Volume (gallons): 2

Time Start	Time Stop	Depth To Water (feet)	Volume Purged (gallons)	Conductivity (uS/cm)	Temperature (F, C)	pH	Turbidity	D.O.
0716			2	758	19.5	6.59		
			4	821	19.9	6.58		
	0725		6	836	20.2	6.56		

Static at Time Sampled	Total Gallons Purged	Time Sampled
29.70	6	0733

Comments:

Well No.: U-2 Purge Method: P

Depth to Water (feet): 26.42 Depth to Product (feet): 0

Total Depth (feet): 39.11 LPH & Water Recovered (gallons): 0

Water Column (feet): 12.69 Casing Diameter (Inches): 2"

80% Recharge Depth (feet): 28.45 1 Well Volume (gallons): 2

Time Start	Time Stop	Depth To Water (feet)	Volume Purged (gallons)	Conductivity (uS/cm)	Temperature (F, C)	pH	Turbidity	D.O.
0745			2	532	18.5	7.01		
			4	538	19.6	6.78		
	0750		6	532	19.9	6.72		

Static at Time Sampled	Total Gallons Purged	Time Sampled
26.50	6	0759

Comments:

GROUNDWATER SAMPLING FIELD NOTES

Technician: Alex

Site: 5430 Project No.: 4030001 Date: 030305

Well No.: U-1 Purge Method: H.B.

Depth to Water (feet): 28.10 Depth to Product (feet): 0

Total Depth (feet): 39.40 LPH & Water Recovered (gallons): 0

Water Column (feet): 11.30 Casing Diameter (Inches): 2"

80% Recharge Depth (feet): 30.36 1 Well Volume (gallons): 2

Time Start	Time Stop	Depth To Water (feet)	Volume Purged (gallons)	Conductivity (uS/cm)	Temperature (F, C)	pH	Turbidity	D.O.
0716			2	758	19.5	6.59		
			4	821	19.9	6.58		
	0725		6	836	20.2	6.56		

Static at Time Sampled	Total Gallons Purged	Time Sampled
29.70	6	0733

Comments:

Well No.: U-2 Purge Method: P

Depth to Water (feet): 26.82 Depth to Product (feet): 0

Total Depth (feet): 39.11 LPH & Water Recovered (gallons): 0

Water Column (feet): 12.69 Casing Diameter (Inches): 2"

80% Recharge Depth (feet): 28.95 1 Well Volume (gallons): 2

Time Start	Time Stop	Depth To Water (feet)	Volume Purged (gallons)	Conductivity (uS/cm)	Temperature (F, C)	pH	Turbidity	D.O.
0745			2	532	18.5	7.01		
			4	538	19.6	6.78		
	0750		6	532	19.9	6.72		

Static at Time Sampled	Total Gallons Purged	Time Sampled
26.50	6	0759

Comments:

GROUNDWATER SAMPLING FIELD NOTES

Technician: MCK

Site: 5430 Project No.: 4050001 Date: 030305

Well No.: U-6

Depth to Water (feet): 27.16

Total Depth (feet): 39.93

Water Column (feet): 12.77

80% Recharge Depth (feet): 29.71

Purge Method: D

Depth to Product (feet): —

LPH & Water Recovered (gallons): —

Casing Diameter (Inches): 2"

1 Well Volume (gallons): 2

Time Start	Time Stop	Depth To Water (feet)	Volume Purged (gallons)	Conductivity (uS/cm)	Temperature (F, C)	pH	Turbidity	D.O.
0857			2	952	19.2	6.83		
			4	943	19.6	6.90		
	0902		6	960	19.8	6.87		

Static at Time Sampled	Total Gallons Purged	Time Sampled
28.02	6	0910

Comments:

Well No.: _____

Depth to Water (feet): _____

Total Depth (feet): _____

Water Column (feet): _____

80% Recharge Depth (feet): _____

Purge Method: _____

Depth to Product (feet): _____

LPH & Water Recovered (gallons): _____

Casing Diameter (Inches): _____

1 Well Volume (gallons): _____

Time Start	Time Stop	Depth To Water (feet)	Volume Purged (gallons)	Conductivity (uS/cm)	Temperature (F, C)	pH	Turbidity	D.O.

Static at Time Sampled	Total Gallons Purged	Time Sampled

Comments:

GROUNDWATER SAMPLING FIELD NOTES

Technician: MK

Site: 5430 Project No.: 4050001 Date: 030305

Well No.: O-6

Depth to Water (feet): 27.16

Total Depth (feet): 39.93

Water Column (feet): 12.77

80% Recharge Depth (feet): 29.71

Purge Method: D

Depth to Product (feet): 0

LPH & Water Recovered (gallons): 0

Casing Diameter (Inches): 2"

1 Well Volume (gallons): 2

Time Start	Time Stop	Depth To Water (feet)	Volume Purged (gallons)	Conduc-tivity (uS/cm)	Temperature (F, C)	pH	Turbidity	D.O.
0857			2	952	19.2	6.83		
			4	943	19.6	6.90		
	0902		6	960	19.8	6.87		

Static at Time Sampled	Total Gallons Purged	Time Sampled
28.02	6	0910

Comments:

Well No.:

Depth to Water (feet):

Total Depth (feet):

Water Column (feet):

80% Recharge Depth (feet):

Purge Method:

Depth to Product (feet):

LPH & Water Recovered (gallons):

Casing Diameter (Inches):

1 Well Volume (gallons):

Time Start	Time Stop	Depth To Water (feet)	Volume Purged (gallons)	Conduc-tivity (uS/cm)	Temperature (F, C)	pH	Turbidity	D.O.

Static at Time Sampled	Total Gallons Purged	Time Sampled

Comments:

STATEMENT OF NON-COMPLETION OF JOB

DATE OF EVENT: 080305 STATION NUMBER: 48 5430

NAME OF TECH: ALEX CALLED GORDON: _____

CALLED PM: 0800 NAME OF PM CALLED: A. COLLINS

WELL NUMBER: U-3 STATEMENT FROM PM _____ OR TECH _____

PAVED OVER

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

PAVED OVER

WELL NUMBER: _____ STATEMENT FROM PM _____ OR TECH _____

WELL NUMBER: _____ STATEMENT FROM PM _____ OR TECH _____

SEVERN TRENT STL

April 6, 2005

STL Los Angeles
1721 South Grand Avenue
Santa Ana, CA 92705

Tel: 714 258 8610 Fax: 714 258 0921
www.stl-inc.com

STL LOT NUMBER: **E5C160219**
PO/CONTRACT: 1411TRC501

Anju Farfan
TRC
21 Technology Drive
Irvine, CA 92718

Dear Anju Farfan,

This report contains the analytical results for the five samples received under chain of custody by STL Los Angeles on March 16, 2005. These samples are associated with your ConocoPhillips Site #5430 project.

STL Los Angeles certifies that the test results provided in this report meet all NELAP requirements for parameters for which accreditation is required or available. Any exceptions to NELAP requirements are noted in the case narrative. The case narrative is an integral part of the report. NELAP Certification Number for STL Los Angeles is 01118CA / E87652.

Any matrix related anomaly is footnoted within the report. A cooler receipt temperature between 2-6 degrees Celsius is within EPA acceptance criteria. The temperature(s) of the cooler received for this project can be found on the Project Receipt Checklist. Historical control limits for the LCS are used to define the estimate of uncertainty for a method. All applicable quality control procedures met method-specified acceptance criteria except as noted on the following page.

This report shall not be reproduced except in full, without the written approval of the laboratory.

000043

This report contains _____ pages.

If you have any questions, please feel free to call me at (714) 258-8610.

Sincerely,

Beth Riley
Project Manager

cc: Project File

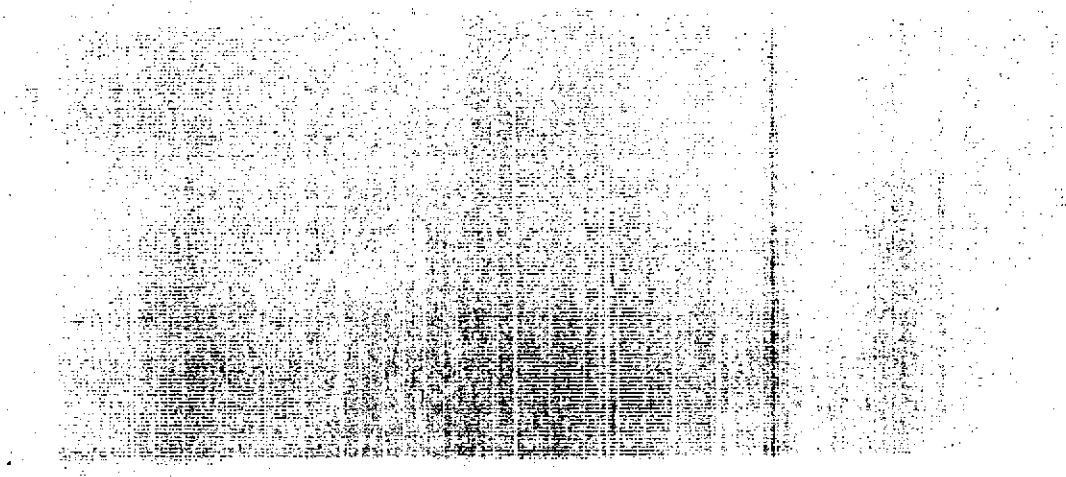
CASE NARRATIVE

LOT NUMBER E5C160219

TPH (as Gasoline) was analyzed and reported by EPA Method 8015M, instead of the requested TPPH by EPA Method 8260. This was done to meet the analytical hold time. Evaluation of EPA Method 8260B chromatogram for Sample U-6 shows a pattern of weathered gasoline.

STL

Analytical Report



ANALYTICAL DRAFT REPORT

PROJECT NO. San Leandro, CA

ConocoPhillips Site #5430

Lot #: E5C160219

Anju Farfan

TRC

SEVERN TRENT LABORATORIES, INC.

Beth Riley
Project Manager

April 7, 2005

EXECUTIVE SUMMARY - Detection Highlights

E5C160219

PARAMETER	RESULT	REPORTING LIMIT	UNITS	ANALYTICAL METHOD
U-6 03/03/05 09:10 005				
TPH (as Gasoline)	1100	50	ug/L	SW846 8015B
Benzene	5.8	1.2	ug/L	SW846 8260B
Ethylbenzene	170	1.2	ug/L	SW846 8260B
Toluene	1.2	1.2	ug/L	SW846 8260B
m-Xylene & p-Xylene	12	2.5	ug/L	SW846 8260B

METHODS SUMMARY

E5C160219

PARAMETER	ANALYTICAL METHOD	PREPARATION METHOD
Volatile Organics by GC/MS	SW846 8260B	SW846 5030B/826
Volatile Petroleum Hydrocarbons	SW846 8015B	SW846 5030

References:

SW846 "Test Methods for Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 and its updates.

SAMPLE SUMMARY

ESC160219

WO #	SAMPLE#	CLIENT SAMPLE ID	SAMPLED DATE	SAMP TIME
G6CDG	001	U-1	03/03/05	07:33
G6CER	002	U-7	03/03/05	06:38
G6CEV	003	U-4	03/03/05	07:07
G6CE0	004	U-2	03/03/05	07:59
G6CE2	005	U-6	03/03/05	09:10

NOTE(S):

- The analytical results of the samples listed above are presented on the following pages.
- All calculations are performed before rounding to avoid round-off errors in calculated results.
- Results noted as "ND" were not detected at or above the stated limit.
- This report must not be reproduced, except in full, without the written approval of the laboratory.
- Results for the following parameters are never reported on a dry weight basis: color, corrosivity, density, flashpoint, ignitability, layers, odor, paint filter test, pH, porosity pressure, reactivity, redox potential, specific gravity, spot tests, solids, solubility, temperature, viscosity, and weight.

TRC

Client Sample ID: U-1

GC/MS Volatiles

Lot-Sample #...:	E5C160219-001	**Work Order #...:**	G6CDG1AA	**Matrix.....:**	W
Date Sampled...:	03/03/05 07:33	**Date Received..:**	03/16/05 10:00	**MS Run #.....:**	5077283
Prep Date.....:	03/17/05	**Analysis Date..:**	03/17/05		
Prep Batch #...:	5077436	**Analysis Time..:**	13:57		
Dilution Factor:	1				
Analyst ID.....:	004648	**Instrument ID..:**	MSN		
		Method.....:	SW846 8260B		

PARAMETER	RESULT	REPORTING LIMIT	UNITS
Bromochloromethane	ND	1.0	ug/L
Bromodichloromethane	ND	1.0	ug/L
Bromoform	ND	1.0	ug/L
Bromomethane	ND	2.0	ug/L
Carbon tetrachloride	ND	1.0	ug/L
Chlorobenzene	ND	1.0	ug/L
Dibromochloromethane	ND	1.0	ug/L
Chloroethane	ND	2.0	ug/L
Chloroform	ND	1.0	ug/L
Chloromethane	ND	2.0	ug/L
1,2-Dibromoethane (EDB)	ND	1.0	ug/L
1,2-Dichlorobenzene	ND	1.0	ug/L
1,3-Dichlorobenzene	ND	1.0	ug/L
1,4-Dichlorobenzene	ND	1.0	ug/L
Dichlorodifluoromethane	ND	2.0	ug/L
1,1-Dichloroethane	ND	1.0	ug/L
1,2-Dichloroethane	ND	1.0	ug/L
cis-1,2-Dichloroethene	ND	1.0	ug/L
trans-1,2-Dichloroethene	ND	1.0	ug/L
1,1-Dichloroethene	ND	1.0	ug/L
cis-1,3-Dichloropropene	ND	1.0	ug/L
trans-1,3-Dichloropropene	ND	1.0	ug/L
Methylene chloride	ND	1.0	ug/L
1,1,2,2-Tetrachloroethane	ND	1.0	ug/L
Tetrachloroethene	ND	1.0	ug/L
1,2,4-Trichloro-benzene	ND	1.0	ug/L
1,1,1-Trichloroethane	ND	1.0	ug/L
1,1,2-Trichloroethane	ND	1.0	ug/L
Trichloroethene	ND	1.0	ug/L

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Bromofluorobenzene	88	(75 - 120)
1,2-Dichloroethane-d4	108	(65 - 130)
Toluene-d8	97	(80 - 130)

TRC

Client Sample ID: U-1

GC/MS Volatiles

Lot-Sample #...:	E5C160219-001	**Work Order #...:**	G6CDG1AC	**Matrix.....:**	W
Date Sampled...:	03/03/05 07:33	**Date Received..:**	03/16/05 10:00	**MS Run #.....:**	5077284
Prep Date.....:	03/17/05	**Analysis Date..:**	03/17/05		
Prep Batch #...:	5077437	**Analysis Time..:**	13:57		
Dilution Factor:	1				
Analyst ID.....:	004648	**Instrument ID..:**	MSN		
		Method.....:	SW846 8260B		

PARAMETER	RESULT	REPORTING LIMIT	UNITS
Benzene	ND	0.50	ug/L
Ethylbenzene	ND	0.50	ug/L
Methyl tert-butyl ether	ND	1.0	ug/L
Toluene	ND	0.50	ug/L
m-Xylene & p-Xylene	ND	1.0	ug/L
o-Xylene	ND	0.50	ug/L

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Bromofluorobenzene	88	(75 - 120)
1,2-Dichloroethane-d4	108	(65 - 130)
Toluene-d8	97	(80 - 130)

TRC

Client Sample ID: U-1

GC Volatiles

Lot-Sample #...:	E5C160219-001	**Work Order #...:**	G6CDG1AD	**Matrix.....:**	W
Date Sampled...:	03/03/05 07:33	**Date Received..:**	03/16/05 10:00	**MS Run #.....:**	5076184
Prep Date.....:	03/17/05	**Analysis Date..:**	03/17/05		
Prep Batch #...:	5076289	**Analysis Time..:**	09:02		
Dilution Factor:	1				
Analyst ID.....:	001464	**Instrument ID..:**	G15		
		Method.....:	SW846 8015B		

PARAMETER	RESULT	REPORTING LIMIT	UNITS
TPH (as Gasoline)	ND	50	ug/L

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
a,a,a-Trifluorotoluene (TFT)	89	(70 - 130)

TRC

Client Sample ID: U-7

GC/MS Volatiles

Lot-Sample #...:	E5C160219-002	**Work Order #...:**	G6CER1AA	**Matrix.....:**	W
Date Sampled...:	03/03/05 06:38	**Date Received..:**	03/16/05 10:00	**MS Run #.....:**	5077283
Prep Date.....:	03/17/05	**Analysis Date..:**	03/17/05		
Prep Batch #...:	5077436	**Analysis Time..:**	14:19		
Dilution Factor:	1				
Analyst ID.....:	004648	**Instrument ID..:**	MSN		
		Method.....:	SW846 8260B		

PARAMETER	RESULT	REPORTING LIMIT	UNITS
Bromochloromethane	ND	1.0	ug/L
Bromodichloromethane	ND	1.0	ug/L
Bromoform	ND	1.0	ug/L
Bromomethane	ND	2.0	ug/L
Carbon tetrachloride	ND	1.0	ug/L
Chlorobenzene	ND	1.0	ug/L
Dibromochloromethane	ND	1.0	ug/L
Chloroethane	ND	2.0	ug/L
2-Chloroethyl vinyl ether	ND	50	ug/L
Chloroform	ND	1.0	ug/L
Chloromethane	ND	2.0	ug/L
1,2-Dibromoethane (EDB)	ND	1.0	ug/L
1,2-Dichlorobenzene	ND	1.0	ug/L
1,3-Dichlorobenzene	ND	1.0	ug/L
1,4-Dichlorobenzene	ND	1.0	ug/L
Dichlorodifluoromethane	ND	2.0	ug/L
1,1-Dichloroethane	ND	1.0	ug/L
1,2-Dichloroethane	ND	1.0	ug/L
cis-1,2-Dichloroethene	ND	1.0	ug/L
trans-1,2-Dichloroethene	ND	1.0	ug/L
1,1-Dichloroethene	ND	1.0	ug/L
cis-1,3-Dichloropropene	ND	1.0	ug/L
trans-1,3-Dichloropropene	ND	1.0	ug/L
Methylene chloride	ND	1.0	ug/L
1,1,2,2-Tetrachloroethane	ND	1.0	ug/L
Tetrachloroethene	ND	1.0	ug/L
1,2,4-Trichloro-benzene	ND	1.0	ug/L
1,1,1-Trichloroethane	ND	1.0	ug/L
1,1,2-Trichloroethane	ND	1.0	ug/L
Trichloroethene	ND	1.0	ug/L

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Bromofluorobenzene	85	(75 - 120)
1,2-Dichloroethane-d4	98	(65 - 130)
Toluene-d8	94	(80 - 130)

TRC

Client Sample ID: U-7

GC/MS Volatiles

Lot-Sample #...:	E5C160219-002	**Work Order #...:**	G6CER1AC	**Matrix.....:**	W
Date Sampled...:	03/03/05 06:38	**Date Received..:**	03/16/05 10:00	**MS Run #.....:**	5077284
Prep Date.....:	03/17/05	**Analysis Date..:**	03/17/05		
Prep Batch #...:	5077437	**Analysis Time..:**	14:19		
Dilution Factor:	1				
Analyst ID.....:	004648	**Instrument ID..:**	MSN		
		Method.....:	SW846 8260B		

PARAMETER	RESULT	REPORTING LIMIT	UNITS
Benzene	ND	0.50	ug/L
Ethylbenzene	ND	0.50	ug/L
Methyl tert-butyl ether	ND	1.0	ug/L
Toluene	ND	0.50	ug/L
m-Xylene & p-Xylene	ND	1.0	ug/L
o-Xylene	ND	0.50	ug/L

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Bromofluorobenzene	85	(75 - 120)
1,2-Dichloroethane-d4	98	(65 - 130)
Toluene-d8	94	(80 - 130)

TRC

Client Sample ID: U-7

GC Volatiles

Lot-Sample #...:	E5C160219-002	**Work Order #...:**	G6CER1AD	**Matrix.....:**	W
Date Sampled...:	03/03/05 06:38	**Date Received..:**	03/16/05 10:00	**MS Run #.....:**	5076184
Prep Date.....:	03/17/05	**Analysis Date..:**	03/17/05		
Prep Batch #...:	5076289	**Analysis Time..:**	09:28		
Dilution Factor:	1				
Analyst ID.....:	001464	**Instrument ID..:**	G15		
		Method.....:	SW846 8015B		

PARAMETER	RESULT	REPORTING LIMIT	UNITS
TPH (as Gasoline)	ND	50	ug/L

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
a,a,a-Trifluorotoluene (TFT)	87	(70 - 130)

TRC

Client Sample ID: U-4

GC/MS Volatiles

Lot-Sample #...:	E5C160219-003	**Work Order #...:**	G6CEV1AA	**Matrix.....:**	W
Date Sampled...:	03/03/05 07:07	**Date Received..:**	03/16/05 10:00	**MS Run #.....:**	5077284
Prep Date.....:	03/17/05	**Analysis Date..:**	03/17/05		
Prep Batch #...:	5077437	**Analysis Time..:**	14:42		
Dilution Factor:	1				
Analyst ID.....:	004648	**Instrument ID..:**	MSN		
		Method.....:	SW846 8260B		

PARAMETER	RESULT	REPORTING LIMIT	UNITS
Benzene	ND	0.50	ug/L
Ethylbenzene	ND	0.50	ug/L
Methyl tert-butyl ether	ND	1.0	ug/L
Toluene	ND	0.50	ug/L
m-Xylene & p-Xylene	ND	1.0	ug/L
o-Xylene	ND	0.50	ug/L

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Bromofluorobenzene	84	(75 - 120)
1,2-Dichloroethane-d4	95	(65 - 130)
Toluene-d8	92	(80 - 130)

TRC

Client Sample ID: U-4

GC Volatiles

Lot-Sample #...:	E5C160219-003	**Work Order #...:**	G6CEV1AC	**Matrix.....:**	W
Date Sampled...:	03/03/05 07:07	**Date Received..:**	03/16/05 10:00	**MS Run #.....:**	5076184
Prep Date.....:	03/17/05	**Analysis Date..:**	03/17/05		
Prep Batch #...:	5076289	**Analysis Time..:**	09:55		
Dilution Factor:	1				
Analyst ID.....:	001464	**Instrument ID..:**	G15		
		Method.....:	SW846 8015B		

PARAMETER	RESULT	REPORTING LIMIT	UNITS
TPH (as Gasoline)	ND	50	ug/L

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
a,a,a-Trifluorotoluene (TFT)	86	(70 - 130)

TRC

Client Sample ID: U-2

GC/MS Volatiles

Lot-Sample #...:	E5C160219-004	**Work Order #...:**	G6CE01AA	**Matrix.....:**	W
Date Sampled...:	03/03/05 07:59	**Date Received..:**	03/16/05 10:00	**MS Run #.....:**	5077284
Prep Date.....:	03/17/05	**Analysis Date..:**	03/17/05		
Prep Batch #...:	5077437	**Analysis Time..:**	15:04		
Dilution Factor:	1				
Analyst ID.....:	004648	**Instrument ID..:**	MSN		
		Method.....:	SW846 8260B		

PARAMETER	RESULT	REPORTING LIMIT	UNITS
Benzene	ND	0.50	ug/L
Ethylbenzene	ND	0.50	ug/L
Methyl tert-butyl ether	ND	1.0	ug/L
Toluene	ND	0.50	ug/L
m-Xylene & p-Xylene	ND	1.0	ug/L
o-Xylene	ND	0.50	ug/L

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Bromofluorobenzene	86	(75 - 120)
1,2-Dichloroethane-d4	106	(65 - 130)
Toluene-d8	96	(80 - 130)

TRC

Client Sample ID: U-2

GC Volatiles

Lot-Sample #...: E5C160219-004	**Work Order #...:** G6CE01AC	**Matrix.....:** W	
Date Sampled...: 03/03/05 07:59	**Date Received..:** 03/16/05 10:00	**MS Run #.....:** 5076184	
Prep Date.....: 03/17/05	**Analysis Date..:** 03/17/05		
Prep Batch #...: 5076289	**Analysis Time..:** 10:21		
Dilution Factor: 1			
Analyst ID.....: 001464	**Instrument ID..:** G15		
	Method.....: SW846 8015B		

PARAMETER	RESULT	REPORTING LIMIT	UNITS
TPH (as Gasoline)	ND	50	ug/L

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
a,a,a-Trifluorotoluene (TFT)	88	(70 - 130)

TRC

Client Sample ID: U-6

GC/MS Volatiles

Lot-Sample #...:	E5C160219-005	**Work Order #...:**	G6CE21AA	**Matrix.....:**	W
Date Sampled...:	03/03/05 09:10	**Date Received..:**	03/16/05 10:00	**MS Run #.....:**	5077284
Prep Date.....:	03/17/05	**Analysis Date..:**	03/17/05		
Prep Batch #...:	5077437	**Analysis Time..:**	15:27		
Dilution Factor:	2.5				
Analyst ID.....:	004648	**Instrument ID..:**	MSN		
		Method.....:	SW846 8260B		

PARAMETER	RESULT	REPORTING LIMIT	UNITS
Benzene	**5.8**	**1.2**	**ug/L**
Ethylbenzene	**170**	**1.2**	**ug/L**
Methyl tert-butyl ether	ND	2.5	ug/L
Toluene	**1.2**	**1.2**	**ug/L**
m-Xylene & p-Xylene	**12**	**2.5**	**ug/L**
o-Xylene	ND	1.2	ug/L

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Bromofluorobenzene	92	(75 - 120)
1,2-Dichloroethane-d4	119	(65 - 130)
Toluene-d8	95	(80 - 130)

TRC

Client Sample ID: U-6

GC Volatiles

Lot-Sample #...:	E5C160219-005	**Work Order #...:**	G6CE21AC	**Matrix.....:**	W
Date Sampled...:	03/03/05 09:10	**Date Received..:**	03/16/05 10:00	**MS Run #.....:**	5076184
Prep Date.....:	03/17/05	**Analysis Date..:**	03/17/05		
Prep Batch #...:	5076289	**Analysis Time..:**	10:48		
Dilution Factor:	1				
Analyst ID.....:	001464	**Instrument ID..:**	G15		
		Method.....:	SW846 8015B		

PARAMETER	RESULT	REPORTING LIMIT	UNITS
TPH (as Gasoline)	**1100**	**50**	**ug/L**

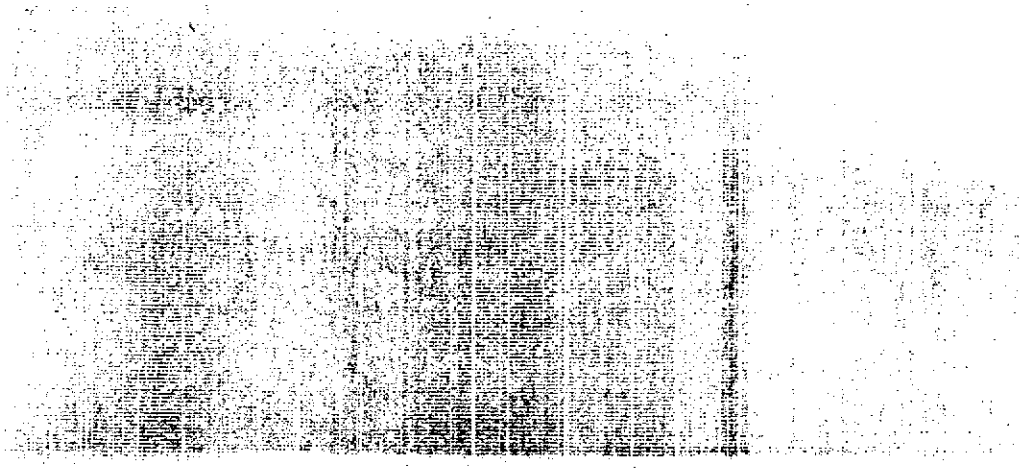
SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
a,a,a-Trifluorotoluene (TFT)	120	(70 - 130)

NOTE(S):

Weathered gasoline; unknown peaks.

STL

QA/QC



QC DATA ASSOCIATION SUMMARY

E5C160219

Sample Preparation and Analysis Control Numbers

SAMPLE#	MATRIX	ANALYTICAL METHOD	LEACH BATCH #	PREP BATCH #	MS RUN#
001	W	SW846 8015B		5076289	5076184
	W	SW846 8260B		5077436	5077283
	W	SW846 8260B		5077437	5077284
002	W	SW846 8015B		5076289	5076184
	W	SW846 8260B		5077436	5077283
	W	SW846 8260B		5077437	5077284
003	W	SW846 8015B		5076289	5076184
	W	SW846 8260B		5077437	5077284
004	W	SW846 8015B		5076289	5076184
	W	SW846 8260B		5077437	5077284
005	W	SW846 8015B		5076289	5076184
	W	SW846 8260B		5077437	5077284

METHOD BLANK REPORT

GC/MS Volatiles

Client Lot #...: E5C160219 **Work Order #...:** G6KH61AA **Matrix.....:** WATER
MB Lot-Sample #: E5C180000-436

Prep Date.....: 03/17/05 **Analysis Time..:** 11:37
Analysis Date..: 03/17/05 **Prep Batch #...:** 5077436 **Instrument ID..:** MSN
Dilution Factor: 1

Analyst ID.....: 004648

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD
Bromochloromethane	ND	1.0	ug/L	SW846 8260B
Bromodichloromethane	ND	1.0	ug/L	SW846 8260B
Bromoform	ND	1.0	ug/L	SW846 8260B
Bromomethane	ND	2.0	ug/L	SW846 8260B
Carbon tetrachloride	ND	1.0	ug/L	SW846 8260B
Chlorobenzene	ND	1.0	ug/L	SW846 8260B
Dibromochloromethane	ND	1.0	ug/L	SW846 8260B
Chloroethane	ND	2.0	ug/L	SW846 8260B
2-Chloroethyl vinyl ether	ND	50	ug/L	SW846 8260B
Chloroform	ND	1.0	ug/L	SW846 8260B
Chloromethane	ND	2.0	ug/L	SW846 8260B
1,2-Dibromoethane (EDB)	ND	1.0	ug/L	SW846 8260B
1,2-Dichlorobenzene	ND	1.0	ug/L	SW846 8260B
1,3-Dichlorobenzene	ND	1.0	ug/L	SW846 8260B
1,4-Dichlorobenzene	ND	1.0	ug/L	SW846 8260B
Dichlorodifluoromethane	ND	2.0	ug/L	SW846 8260B
1,1-Dichloroethane	ND	1.0	ug/L	SW846 8260B
1,2-Dichloroethane	ND	1.0	ug/L	SW846 8260B
cis-1,2-Dichloroethene	ND	1.0	ug/L	SW846 8260B
trans-1,2-Dichloroethene	ND	1.0	ug/L	SW846 8260B
1,1-Dichloroethene	ND	1.0	ug/L	SW846 8260B
cis-1,3-Dichloropropene	ND	1.0	ug/L	SW846 8260B
trans-1,3-Dichloropropene	ND	1.0	ug/L	SW846 8260B
Methylene chloride	ND	1.0	ug/L	SW846 8260B
1,1,2,2-Tetrachloroethane	ND	1.0	ug/L	SW846 8260B
Tetrachloroethene	ND	1.0	ug/L	SW846 8260B
1,2,4-Trichloro-benzene	ND	1.0	ug/L	SW846 8260B
1,1,1-Trichloroethane	ND	1.0	ug/L	SW846 8260B
1,1,2-Trichloroethane	ND	1.0	ug/L	SW846 8260B
Trichloroethene	ND	1.0	ug/L	SW846 8260B

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Bromofluorobenzene	87	(75 - 120)
1,2-Dichloroethane-d4	89	(65 - 130)
Toluene-d8	92	(80 - 130)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

METHOD BLANK REPORT

GC/MS Volatiles

Client Lot #...: E5C160219 **Work Order #...:** G6KJG1AA **Matrix.....:** WATER
MB Lot-Sample #: E5C180000-437

Prep Date.....: 03/17/05 **Analysis Time..:** 11:37
Analysis Date..: 03/17/05 **Prep Batch #...:** 5077437 **Instrument ID..:** MSN
Dilution Factor: 1

Analyst ID.....: 004648

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD
Benzene	ND	0.50	ug/L	SW846 8260B
Ethylbenzene	ND	0.50	ug/L	SW846 8260B
Methyl tert-butyl ether	ND	1.0	ug/L	SW846 8260B
Toluene	ND	0.50	ug/L	SW846 8260B
m-Xylene & p-Xylene	ND	1.0	ug/L	SW846 8260B
o-Xylene	ND	0.50	ug/L	SW846 8260B

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Bromofluorobenzene	87	(75 - 120)
1,2-Dichloroethane-d4	89	(65 - 130)
Toluene-d8	92	(80 - 130)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

METHOD BLANK REPORT

GC Volatiles

Client Lot #...: E5C160219 **Work Order #...:** G6FVH1AA **Matrix.....:** WATER
MB Lot-Sample #: E5C170000-289

Prep Date.....: 03/17/05 **Analysis Time..:** 00:35
Analysis Date..: 03/17/05 **Prep Batch #...:** 5076289 **Instrument ID..:** G15
Dilution Factor: 1

Analyst ID.....: 001464

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD
TPH (as Gasoline)	ND	50	ug/L	SW846 8015B

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
a,a,a-Trifluorotoluene (TFT)	86	(70 - 130)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

LABORATORY CONTROL SAMPLE EVALUATION REPORT

GC/MS Volatiles

Client Lot #...: E5C160219 Work Order #...: G6KH61AC Matrix.....: WATER
LCS Lot-Sample#: E5C180000-436
Prep Date.....: 03/17/05 Analysis Date..: 03/17/05
Prep Batch #...: 5077436 Analysis Time..: 11:15
Dilution Factor: 1 Instrument ID..: MSN
Analyst ID.....: 004648

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	METHOD
Bromochloromethane	89	(70 - 130)	SW846 8260B
Bromodichloromethane	107	(70 - 130)	SW846 8260B
Bromoform	96	(70 - 130)	SW846 8260B
Bromomethane	158 HS,LP	(60 - 140)	SW846 8260B
Carbon tetrachloride	105	(70 - 130)	SW846 8260B
Chlorobenzene	96	(80 - 120)	SW846 8260B
Dibromochloromethane	107	(70 - 130)	SW846 8260B
Chloroethane	107	(60 - 140)	SW846 8260B
Chloroform	103	(70 - 130)	SW846 8260B
Chloromethane	129	(60 - 140)	SW846 8260B
1,2-Dibromoethane (EDB)	100	(70 - 130)	SW846 8260B
1,2-Dichlorobenzene	99	(70 - 130)	SW846 8260B
1,3-Dichlorobenzene	97	(70 - 130)	SW846 8260B
1,4-Dichlorobenzene	96	(70 - 130)	SW846 8260B
Dichlorodifluoromethane	142 HS,LP	(40 - 140)	SW846 8260B
1,1-Dichloroethane	102	(70 - 130)	SW846 8260B
1,2-Dichloroethane	98	(70 - 130)	SW846 8260B
cis-1,2-Dichloroethene	87	(70 - 130)	SW846 8260B
trans-1,2-Dichloroethene	104	(70 - 130)	SW846 8260B
1,1-Dichloroethene	104	(70 - 130)	SW846 8260B
cis-1,3-Dichloropropene	109	(70 - 130)	SW846 8260B
trans-1,3-Dichloropropene	104	(70 - 130)	SW846 8260B
Methylene chloride	96	(70 - 130)	SW846 8260B
1,1,2,2-Tetrachloroethane	92	(70 - 130)	SW846 8260B
Tetrachloroethene	100	(70 - 130)	SW846 8260B
1,2,4-Trichloro-benzene	91	(70 - 130)	SW846 8260B
1,1,1-Trichloroethane	106	(70 - 130)	SW846 8260B
1,1,2-Trichloroethane	97	(70 - 130)	SW846 8260B
Trichloroethene	103	(75 - 130)	SW846 8260B

(Continued on next page)

LABORATORY CONTROL SAMPLE EVALUATION REPORT

GC/MS Volatiles

Client Lot #...: E5C160219 **Work Order #...:** G6KH61AC **Matrix.....:** WATER
LCS Lot-Sample#: E5C180000-436

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Bromofluorobenzene	95	(75 - 120)
1,2-Dichloroethane-d4	89	(65 - 130)
Toluene-d8	100	(80 - 130)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

Bold print denotes control parameters

HS Spike analyte recovery is outside statedcontrol limits.

LP LCS rec. above meth. control limits. Analyte ND. Data not impacted.

LABORATORY CONTROL SAMPLE DATA REPORT

GC/MS Volatiles

Client Lot #...: E5C160219 Work Order #...: G6KH61AC Matrix.....: WATER
LCS Lot-Sample#: E5C180000-436
Prep Date.....: 03/17/05 Analysis Date..: 03/17/05
Prep Batch #...: 5077436 Analysis Time..: 11:15
Dilution Factor: 1 Instrument ID..: MSN
Analyst ID.....: 004648

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCENT RECOVERY	METHOD
Bromochloromethane	10.0	8.86	ug/L	89	SW846 8260B
Bromodichloromethane	10.0	10.7	ug/L	107	SW846 8260B
Bromoform	10.0	9.55	ug/L	96	SW846 8260B
Bromomethane	10.0	15.8	ug/L	158	SW846 8260B
		Qualifiers: HS,LP			
Carbon tetrachloride	10.0	10.5	ug/L	105	SW846 8260B
Chlorobenzene	10.0	9.61	ug/L	96	SW846 8260B
Dibromochloromethane	10.0	10.7	ug/L	107	SW846 8260B
Chloroethane	10.0	10.7	ug/L	107	SW846 8260B
Chloroform	10.0	10.3	ug/L	103	SW846 8260B
Chloromethane	10.0	12.9	ug/L	129	SW846 8260B
1,2-Dibromoethane (EDB)	10.0	9.96	ug/L	100	SW846 8260B
1,2-Dichlorobenzene	10.0	9.90	ug/L	99	SW846 8260B
1,3-Dichlorobenzene	10.0	9.67	ug/L	97	SW846 8260B
1,4-Dichlorobenzene	10.0	9.59	ug/L	96	SW846 8260B
Dichlorodifluoromethane	10.0	14.2	ug/L	142	SW846 8260B
		Qualifiers: HS,LP			
1,1-Dichloroethane	10.0	10.2	ug/L	102	SW846 8260B
1,2-Dichloroethane	10.0	9.79	ug/L	98	SW846 8260B
cis-1,2-Dichloroethene	10.0	8.70	ug/L	87	SW846 8260B
trans-1,2-Dichloroethene	10.0	10.4	ug/L	104	SW846 8260B
1,1-Dichloroethene	10.0	10.4	ug/L	104	SW846 8260B
cis-1,3-Dichloropropene	10.0	10.9	ug/L	109	SW846 8260B
trans-1,3-Dichloropropene	10.0	10.4	ug/L	104	SW846 8260B
Methylene chloride	10.0	9.61	ug/L	96	SW846 8260B
1,1,2,2-Tetrachloroethane	10.0	9.19	ug/L	92	SW846 8260B
Tetrachloroethene	10.0	9.99	ug/L	100	SW846 8260B
1,2,4-Trichloro-benzene	10.0	9.13	ug/L	91	SW846 8260B
1,1,1-Trichloroethane	10.0	10.6	ug/L	106	SW846 8260B
1,1,2-Trichloroethane	10.0	9.74	ug/L	97	SW846 8260B
Trichloroethene	10.0	10.3	ug/L	103	SW846 8260B

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LABORATORY CONTROL SAMPLE DATA REPORT

GC/MS Volatiles

Client Lot #...: E5C160219 **Work Order #...:** G6KH61AC **Matrix.....:** WATER
LCS Lot-Sample#: E5C180000-436

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Bromofluorobenzene	95	(75 - 120)
1,2-Dichloroethane-d4	89	(65 - 130)
Toluene-d8	100	(80 - 130)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

Bold print denotes control parameters

HS Spike analyte recovery is outside statedcontrol limits.

LP LCS rec. above meth. control limits. Analyte ND. Data not impacted.

LABORATORY CONTROL SAMPLE EVALUATION REPORT

GC/MS Volatiles

Client Lot #...: E5C160219 **Work Order #...:** G6KJG1AC **Matrix.....:** WATER
LCS Lot-Sample#: E5C180000-437
Prep Date.....: 03/17/05 **Analysis Date..:** 03/17/05
Prep Batch #...: 5077437 **Analysis Time..:** 11:15
Dilution Factor: 1 **Instrument ID..:** MSN
Analyst ID.....: 004648

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	METHOD
Benzene	**102**	**(75 - 120)**	**SW846 8260B**
Ethylbenzene	**103**	**(70 - 130)**	**SW846 8260B**
Methyl tert-butyl ether	**98**	**(70 - 130)**	**SW846 8260B**
Toluene	**104**	**(80 - 120)**	**SW846 8260B**
m-Xylene & p-Xylene	**98**	**(70 - 130)**	**SW846 8260B**
o-Xylene	**102**	**(70 - 130)**	**SW846 8260B**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Bromofluorobenzene	95	(75 - 120)
1,2-Dichloroethane-d4	89	(65 - 130)
Toluene-d8	100	(80 - 130)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

Bold print denotes control parameters

LABORATORY CONTROL SAMPLE DATA REPORT

GC/MS Volatiles

Client Lot #...: E5C160219 **Work Order #...:** G6KJG1AC **Matrix.....:** WATER
LCS Lot-Sample#: E5C180000-437
Prep Date.....: 03/17/05 **Analysis Date..:** 03/17/05
Prep Batch #...: 5077437 **Analysis Time..:** 11:15
Dilution Factor: 1 **Instrument ID..:** MSN
Analyst ID.....: 004648

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCENT RECOVERY	METHOD
Benzene	**10.0**	**10.2**	**ug/L**	**102**	**SW846 8260B**
Ethylbenzene	**10.0**	**10.3**	**ug/L**	**103**	**SW846 8260B**
Methyl tert-butyl ether	**10.0**	**9.79**	**ug/L**	**98**	**SW846 8260B**
Toluene	**10.0**	**10.4**	**ug/L**	**104**	**SW846 8260B**
m-Xylene & p-Xylene	**20.0**	**19.5**	**ug/L**	**98**	**SW846 8260B**
o-Xylene	**10.0**	**10.2**	**ug/L**	**102**	**SW846 8260B**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Bromofluorobenzene	95	(75 - 120)
1,2-Dichloroethane-d4	89	(65 - 130)
Toluene-d8	100	(80 - 130)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

Bold print denotes control parameters

LABORATORY CONTROL SAMPLE EVALUATION REPORT

GC Volatiles

Client Lot #...: E5C160219 **Work Order #...:** G6FVH1AC **Matrix.....:** WATER
LCS Lot-Sample#: E5C170000-289
Prep Date.....: 03/17/05 **Analysis Date..:** 03/17/05
Prep Batch #...: 5076289 **Analysis Time..:** 00:09
Dilution Factor: 1 **Instrument ID..:** G15
Analyst ID.....: 001464

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	METHOD
TPH (as Gasoline)	**94**	**(70 - 140)**	**SW846 8015B**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
a,a,a-Trifluorotoluene (TFT)	119	(70 - 130)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

Bold print denotes control parameters

LABORATORY CONTROL SAMPLE DATA REPORT

GC Volatiles

Client Lot #...: E5C160219 **Work Order #...:** G6FVH1AC **Matrix.....:** WATER
LCS Lot-Sample#: E5C170000-289
Prep Date.....: 03/17/05 **Analysis Date..:** 03/17/05
Prep Batch #...: 5076289 **Analysis Time..:** 00:09
Dilution Factor: 1 **Instrument ID..:** G15
Analyst ID.....: 001464

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCENT RECOVERY	METHOD
TPH (as Gasoline)	**1000**	**939**	**ug/L**	**94**	**SW846 8015B**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
a,a,a-Trifluorotoluene (TFT)	119	(70 - 130)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

Bold print denotes control parameters

MATRIX SPIKE SAMPLE EVALUATION REPORT

GC/MS Volatiles

Client Lot #...:	E5C160219	**Work Order #...:**	G6CDG1AE-MS	**Matrix.....:**	W
MS Lot-Sample #:	E5C160219-001		G6CDG1AF-MSD		
Date Sampled...:	03/03/05 07:33	**Date Received..:**	03/16/05 10:00	**MS Run #.....:**	5077283
Prep Date.....:	03/17/05	**Analysis Date..:**	03/17/05		
Prep Batch #...:	5077436	**Analysis Time..:**	18:05		
Dilution Factor:	1	**Analyst ID.....:**	004648	**Instrument ID..:**	MSN

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD
Bromochloromethane	85	(70 - 130)			SW846 8260B
	85	(70 - 130)	0.35	(0-30)	SW846 8260B
Bromodichloromethane	91	(70 - 130)			SW846 8260B
	101	(70 - 130)	9.6	(0-30)	SW846 8260B
Bromoform	69 HS,LN	(70 - 130)			SW846 8260B
	78	(70 - 130)	12	(0-30)	SW846 8260B
Bromomethane	134	(60 - 140)			SW846 8260B
	139	(60 - 140)	4.3	(0-35)	SW846 8260B
Carbon tetrachloride	78	(70 - 130)			SW846 8260B
	89	(70 - 130)	13	(0-30)	SW846 8260B
Chlorobenzene	96	(80 - 120)			SW846 8260B
	106	(80 - 120)	10	(0-25)	SW846 8260B
Dibromochloromethane	76	(70 - 130)			SW846 8260B
	89	(70 - 130)	16	(0-30)	SW846 8260B
Chloroethane	97	(60 - 140)			SW846 8260B
	104	(60 - 140)	7.4	(0-35)	SW846 8260B
Chloroform	100	(70 - 130)			SW846 8260B
	105	(70 - 130)	4.8	(0-30)	SW846 8260B
Chloromethane	97	(60 - 140)			SW846 8260B
	105	(60 - 140)	7.6	(0-35)	SW846 8260B
1,2-Dibromoethane (EDB)	91	(70 - 130)			SW846 8260B
	104	(70 - 130)	13	(0-30)	SW846 8260B
1,2-Dichlorobenzene	106	(70 - 130)			SW846 8260B
	113	(70 - 130)	6.2	(0-30)	SW846 8260B
1,3-Dichlorobenzene	103	(70 - 130)			SW846 8260B
	106	(70 - 130)	2.6	(0-30)	SW846 8260B
1,4-Dichlorobenzene	101	(70 - 130)			SW846 8260B
	104	(70 - 130)	3.5	(0-30)	SW846 8260B
Dichlorodifluoromethane	84	(40 - 140)			SW846 8260B
	92	(40 - 140)	9.2	(0-35)	SW846 8260B
1,1-Dichloroethane	102	(70 - 130)			SW846 8260B
	106	(70 - 130)	3.7	(0-30)	SW846 8260B
1,2-Dichloroethane	98	(70 - 130)			SW846 8260B
	106	(70 - 130)	7.4	(0-30)	SW846 8260B
cis-1,2-Dichloroethene	80	(70 - 130)			SW846 8260B
	79	(70 - 130)	1.4	(0-30)	SW846 8260B
trans-1,2-Dichloroethene	94	(70 - 130)			SW846 8260B
	91	(70 - 130)	2.9	(0-30)	SW846 8260B
1,1-Dichloroethene	104	(70 - 130)			SW846 8260B
	100	(70 - 130)	3.7	(0-25)	SW846 8260B

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MATRIX SPIKE SAMPLE EVALUATION REPORT

GC/MS Volatiles

Client Lot #...: E5C160219 **Work Order #...:** G6CDG1AE-MS **Matrix.....:** W
MS Lot-Sample #: E5C160219-001 G6CDG1AF-MSD

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD
cis-1,3-Dichloropropene	**73**	**(70 - 130)**			**SW846 8260B**
	79	**(70 - 130)**	**7.4**	**(0-30)**	**SW846 8260B**
trans-1,3-Dichloropropene	**68 HS,LN**	**(70 - 130)**			**SW846 8260B**
	77	**(70 - 130)**	**12**	**(0-30)**	**SW846 8260B**
Methylene chloride	**91**	**(70 - 130)**			**SW846 8260B**
	99	**(70 - 130)**	**8.5**	**(0-30)**	**SW846 8260B**
1,1,2,2-Tetrachloroethane	**101**	**(70 - 130)**			**SW846 8260B**
	106	**(70 - 130)**	**4.5**	**(0-30)**	**SW846 8260B**
Tetrachloroethene	**91**	**(70 - 130)**			**SW846 8260B**
	105	**(70 - 130)**	**14**	**(0-30)**	**SW846 8260B**
1,2,4-Trichloro-benzene	**93**	**(70 - 130)**			**SW846 8260B**
	98	**(70 - 130)**	**4.3**	**(0-30)**	**SW846 8260B**
1,1,1-Trichloroethane	**90**	**(70 - 130)**			**SW846 8260B**
	98	**(70 - 130)**	**7.8**	**(0-30)**	**SW846 8260B**
1,1,2-Trichloroethane	**98**	**(70 - 130)**			**SW846 8260B**
	108	**(70 - 130)**	**9.9**	**(0-40)**	**SW846 8260B**
Trichloroethene	**99**	**(75 - 130)**			**SW846 8260B**
	103	**(75 - 130)**	**4.0**	**(0-25)**	**SW846 8260B**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Bromofluorobenzene	90	(75 - 120)
	93	(75 - 120)
1,2-Dichloroethane-d4	107	(65 - 130)
	106	(65 - 130)
Toluene-d8	97	(80 - 130)
	99	(80 - 130)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

Bold print denotes control parameters

HS Spike analyte recovery is outside statedcontrol limits.

LN MS and/or MSD below acceptance limits. See Blank Spike (LCS).

MATRIX SPIKE SAMPLE DATA REPORT

GC/MS Volatiles

Client Lot #...: E5C160219 **Work Order #...:** G6CDG1AE-MS **Matrix.....:** W
MS Lot-Sample #: E5C160219-001 G6CDG1AF-MSD
Date Sampled...: 03/03/05 07:33 **Date Received..:** 03/16/05 10:00 **MS Run #.....:** 5077283
Prep Date.....: 03/17/05 **Analysis Date..:** 03/17/05
Prep Batch #...: 5077436 **Analysis Time..:** 18:05
Dilution Factor: 1 **Analyst ID.....:** 004648 **Instrument ID..:** MSN

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD
Bromochloromethane	ND	10.0	8.46	ug/L	85		SW846 8260B
	ND	10.0	8.49	ug/L	85	0.35	SW846 8260B
Bromodichloromethane	ND	10.0	9.14	ug/L	91		SW846 8260B
	ND	10.0	10.1	ug/L	101	9.6	SW846 8260B
Bromoform	ND	10.0	6.90	ug/L	69		SW846 8260B
	Qualifiers:		HS,LN				
	ND	10.0	7.78	ug/L	78	12	SW846 8260B
Bromomethane	ND	10.0	13.4	ug/L	134		SW846 8260B
	ND	10.0	13.9	ug/L	139	4.3	SW846 8260B
Carbon tetrachloride	ND	10.0	7.82	ug/L	78		SW846 8260B
	ND	10.0	8.91	ug/L	89	13	SW846 8260B
Chlorobenzene	ND	10.0	9.55	ug/L	96		SW846 8260B
	ND	10.0	10.6	ug/L	106	10	SW846 8260B
Dibromochloromethane	ND	10.0	7.56	ug/L	76		SW846 8260B
	ND	10.0	8.89	ug/L	89	16	SW846 8260B
Chloroethane	ND	10.0	9.66	ug/L	97		SW846 8260B
	ND	10.0	10.4	ug/L	104	7.4	SW846 8260B
Chloroform	ND	10.0	9.99	ug/L	100		SW846 8260B
	ND	10.0	10.5	ug/L	105	4.8	SW846 8260B
Chloromethane	ND	10.0	9.73	ug/L	97		SW846 8260B
	ND	10.0	10.5	ug/L	105	7.6	SW846 8260B
1,2-Dibromoethane (EDB)	ND	10.0	9.12	ug/L	91		SW846 8260B
	ND	10.0	10.4	ug/L	104	13	SW846 8260B
1,2-Dichlorobenzene	ND	10.0	10.6	ug/L	106		SW846 8260B
	ND	10.0	11.3	ug/L	113	6.2	SW846 8260B
1,3-Dichlorobenzene	ND	10.0	10.3	ug/L	103		SW846 8260B
	ND	10.0	10.6	ug/L	106	2.6	SW846 8260B
1,4-Dichlorobenzene	ND	10.0	10.1	ug/L	101		SW846 8260B
	ND	10.0	10.4	ug/L	104	3.5	SW846 8260B
Dichlorodifluoromethane	ND	10.0	8.36	ug/L	84		SW846 8260B
	ND	10.0	9.17	ug/L	92	9.2	SW846 8260B
1,1-Dichloroethane	ND	10.0	10.2	ug/L	102		SW846 8260B
	ND	10.0	10.6	ug/L	106	3.7	SW846 8260B
1,2-Dichloroethane	ND	10.0	10.4	ug/L	98		SW846 8260B
	ND	10.0	11.2	ug/L	106	7.4	SW846 8260B
cis-1,2-Dichloroethene	ND	10.0	7.99	ug/L	80		SW846 8260B
	ND	10.0	7.88	ug/L	79	1.4	SW846 8260B
trans-1,2-Dichloroethene	ND	10.0	9.35	ug/L	94		SW846 8260B
	ND	10.0	9.08	ug/L	91	2.9	SW846 8260B

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MATRIX SPIKE SAMPLE DATA REPORT

GC/MS Volatiles

Client Lot #...: E5C160219 **Work Order #...:** G6CDG1AE-MS **Matrix.....:** W
MS Lot-Sample #: E5C160219-001 G6CDG1AF-MSD

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD
1,1-Dichloroethene	**ND**	**10.0**	**10.4**	**ug/L**	**104**		**SW846 8260B**
	ND	**10.0**	**10.0**	**ug/L**	**100**	**3.7**	**SW846 8260B**
cis-1,3-Dichloropropene	**ND**	**10.0**	**7.30**	**ug/L**	**73**		**SW846 8260B**
	ND	**10.0**	**7.86**	**ug/L**	**79**	**7.4**	**SW846 8260B**
trans-1,3-Dichloropropene	**ND**	**10.0**	**6.77**	**ug/L**	**68**		**SW846 8260B**
	Qualifiers:		HS,LN				
	ND	**10.0**	**7.66**	**ug/L**	**77**	**12**	**SW846 8260B**
Methylene chloride	**ND**	**10.0**	**9.11**	**ug/L**	**91**		**SW846 8260B**
	ND	**10.0**	**9.92**	**ug/L**	**99**	**8.5**	**SW846 8260B**
1,1,2,2-Tetrachloroethane	**ND**	**10.0**	**10.1**	**ug/L**	**101**		**SW846 8260B**
	ND	**10.0**	**10.6**	**ug/L**	**106**	**4.5**	**SW846 8260B**
Tetrachloroethene	**ND**	**10.0**	**9.07**	**ug/L**	**91**		**SW846 8260B**
	ND	**10.0**	**10.5**	**ug/L**	**105**	**14**	**SW846 8260B**
1,2,4-Trichloro-benzene	**ND**	**10.0**	**9.34**	**ug/L**	**93**		**SW846 8260B**
	ND	**10.0**	**9.75**	**ug/L**	**98**	**4.3**	**SW846 8260B**
1,1,1-Trichloroethane	**ND**	**10.0**	**9.05**	**ug/L**	**90**		**SW846 8260B**
	ND	**10.0**	**9.78**	**ug/L**	**98**	**7.8**	**SW846 8260B**
1,1,2-Trichloroethane	**ND**	**10.0**	**9.75**	**ug/L**	**98**		**SW846 8260B**
	ND	**10.0**	**10.8**	**ug/L**	**108**	**9.9**	**SW846 8260B**
Trichloroethene	**ND**	**10.0**	**9.92**	**ug/L**	**99**		**SW846 8260B**
	ND	**10.0**	**10.3**	**ug/L**	**103**	**4.0**	**SW846 8260B**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Bromofluorobenzene	90	(75 - 120)
	93	(75 - 120)
1,2-Dichloroethane-d4	107	(65 - 130)
	106	(65 - 130)
Toluene-d8	97	(80 - 130)
	99	(80 - 130)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

Bold print denotes control parameters

HS Spike analyte recovery is outside statedcontrol limits.

LN MS and/or MSD below acceptance limits. See Blank Spike (LCS).

MATRIX SPIKE SAMPLE EVALUATION REPORT

GC/MS Volatiles

Client Lot #...:	E5C160219	**Work Order #...:**	G6CDG1AG-MS	**Matrix.....:**	W
MS Lot-Sample #:	E5C160219-001		G6CDG1AH-MSD		
Date Sampled...:	03/03/05 07:33	**Date Received..:**	03/16/05 10:00	**MS Run #.....:**	5077284
Prep Date.....:	03/17/05	**Analysis Date..:**	03/17/05		
Prep Batch #...:	5077437	**Analysis Time..:**	18:05		
Dilution Factor:	1	**Analyst ID.....:**	004648	**Instrument ID..:**	MSN

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD
Benzene	**100**	**(75 - 120)**			**SW846 8260B**
	105	**(75 - 120)**	**5.1**	**(0-25)**	**SW846 8260B**
Ethylbenzene	**102**	**(70 - 130)**			**SW846 8260B**
	110	**(70 - 130)**	**7.0**	**(0-30)**	**SW846 8260B**
Methyl tert-butyl ether	**95**	**(70 - 130)**			**SW846 8260B**
	99	**(70 - 130)**	**3.3**	**(0-30)**	**SW846 8260B**
Toluene	**101**	**(80 - 120)**			**SW846 8260B**
	109	**(80 - 120)**	**7.1**	**(0-25)**	**SW846 8260B**
m-Xylene & p-Xylene	**97**	**(70 - 130)**			**SW846 8260B**
	104	**(70 - 130)**	**7.2**	**(0-30)**	**SW846 8260B**
o-Xylene	**105**	**(70 - 130)**			**SW846 8260B**
	110	**(70 - 130)**	**5.5**	**(0-30)**	**SW846 8260B**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Bromofluorobenzene	90	(75 - 120)
	93	(75 - 120)
1,2-Dichloroethane-d4	107	(65 - 130)
	106	(65 - 130)
Toluene-d8	97	(80 - 130)
	99	(80 - 130)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

Bold print denotes control parameters

MATRIX SPIKE SAMPLE DATA REPORT

GC/MS Volatiles

Client Lot #...: E5C160219 **Work Order #...:** G6CDG1AG-MS **Matrix.....:** W
MS Lot-Sample #: E5C160219-001 G6CDG1AH-MSD
Date Sampled...: 03/03/05 07:33 **Date Received..:** 03/16/05 10:00 **MS Run #.....:** 5077284
Prep Date.....: 03/17/05 **Analysis Date..:** 03/17/05
Prep Batch #...: 5077437 **Analysis Time..:** 18:05
Dilution Factor: 1 **Analyst ID.....:** 004648 **Instrument ID..:** MSN

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD
Benzene	**ND**	**10.0**	**9.98**	**ug/L**	**100**		**SW846 8260B**
	ND	**10.0**	**10.5**	**ug/L**	**105**	**5.1**	**SW846 8260B**
Ethylbenzene	**ND**	**10.0**	**10.2**	**ug/L**	**102**		**SW846 8260B**
	ND	**10.0**	**11.0**	**ug/L**	**110**	**7.0**	**SW846 8260B**
Methyl tert-butyl ether	**ND**	**10.0**	**10.1**	**ug/L**	**95**		**SW846 8260B**
	ND	**10.0**	**10.4**	**ug/L**	**99**	**3.3**	**SW846 8260B**
Toluene	**ND**	**10.0**	**10.4**	**ug/L**	**101**		**SW846 8260B**
	ND	**10.0**	**11.2**	**ug/L**	**109**	**7.1**	**SW846 8260B**
m-Xylene & p-Xylene	**ND**	**20.0**	**19.4**	**ug/L**	**97**		**SW846 8260B**
	ND	**20.0**	**20.8**	**ug/L**	**104**	**7.2**	**SW846 8260B**
o-Xylene	**ND**	**10.0**	**10.5**	**ug/L**	**105**		**SW846 8260B**
	ND	**10.0**	**11.0**	**ug/L**	**110**	**5.5**	**SW846 8260B**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
Bromofluorobenzene	90	(75 - 120)
	93	(75 - 120)
1,2-Dichloroethane-d4	107	(65 - 130)
	106	(65 - 130)
Toluene-d8	97	(80 - 130)
	99	(80 - 130)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

Bold print denotes control parameters

MATRIX SPIKE SAMPLE EVALUATION REPORT

GC Volatiles

Client Lot #...:	E5C160219	**Work Order #...:**	G6CHD1AD-MS	**Matrix.....:**	WATER
MS Lot-Sample #:	E5C160227-007		G6CHD1AE-MSD		
Date Sampled...:	03/03/05 08:23	**Date Received..:**	03/16/05 10:00	**MS Run #.....:**	5076184
Prep Date.....:	03/17/05	**Analysis Date..:**	03/17/05		
Prep Batch #...:	5076289	**Analysis Time..:**	01:02		
Dilution Factor:	1	**Analyst ID.....:**	001464	**Instrument ID..:**	G15

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD
TPH (as Gasoline)	**94**	**(70 - 140)**			**SW846 8015B**
	93	**(70 - 140)**	**0.78**	**(0-25)**	**SW846 8015B**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
a,a,a-Trifluorotoluene (TFT)	118	(70 - 130)
	119	(70 - 130)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

Bold print denotes control parameters

MATRIX SPIKE SAMPLE DATA REPORT

GC Volatiles

Client Lot #...:	E5C160219	**Work Order #...:**	G6CHD1AD-MS	**Matrix.....:**	WATER
MS Lot-Sample #:	E5C160227-007		G6CHD1AE-MSD		
Date Sampled...:	03/03/05 08:23	**Date Received..:**	03/16/05 10:00	**MS Run #.....:**	5076184
Prep Date.....:	03/17/05	**Analysis Date..:**	03/17/05		
Prep Batch #...:	5076289	**Analysis Time..:**	01:02		
Dilution Factor:	1	**Analyst ID.....:**	001464	**Instrument ID..:**	G15

PARAMETER	SAMPLE AMOUNT	SPIKE AMT	MEASRD AMOUNT	UNITS	PERCNT RECVRY	RPD	METHOD
TPH (as Gasoline)	**ND**	**1000**	**937**	**ug/L**	**94**		**SW846 8015B**
	ND	**1000**	**930**	**ug/L**	**93**	**0.78**	**SW846 8015B**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
a,a,a-Trifluorotoluene (TFT)	118	(70 - 130)
	119	(70 - 130)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

Bold print denotes control parameters

STL LOS ANGELES - PROJECT RECEIPT CHECKLIST Date: 03/16/16

LIMS Lot #: ESC 160219 Quote #: 55524

Client Name: TRC Project: 5730

Received by: AM Date/Time Received: 03/16/16 @ 1000

Delivered by : ☐ Client ☐ STL ☐ DHL ☒ Fed Ex ☐ UPS ☐ Other _____

********** **Initial / Date**

Custody Seal Status Cooler: ☒ Intact ☐ Broken ☐ None 03/16/16

Custody Seal Status Samples: ☐ Intact ☐ Broken ☒ None .....

Custody Seal #(s): _____ ☒ No Seal #.....

Sampler Signature on COC ☐ Yes ☐ No ☒ N/A...

IR Gun # A Correction Factor 0.1 °C IR passed daily verification ☒ Yes ☐ No .....

Temperature - **BLANK** 2.8 °C +/- 0.1 CF = 2.7 °C .....

Temperature – **COOLER** (____ °C ____ °C ____ °C ____ °C) = ____ avg °C +/- ____ CF = ____ °C.....

Samples outside temperature criteria but received within 6 hours of final sampling ☐ Yes ☒ N/A...

Sample Container(s): ☐ STL-LA ☒ Client .....

One COC/Multiple coolers: ☐ Yes- # coolers ____ All within temp criteria ☐ Yes ☐ No ☒ N/A....

One or more coolers with an anomaly: ☐ Yes – (fill out PRC for each) ☒ N/A ...

Samples: ☒ Intact ☐ Broken ☐ Other _____ ... .

pH measured: ☐ Yes ☐ Anomaly (if checked, notify lab and file NCM) ☒ N/A..

Anomalies: ☒ No ☐ Yes – complete CUR and Create NCM NCM # _____ .....

Complete shipment received in good condition with correct temperatures, containers, labels, volumes preservatives and within method specified holding times. ☒ Yes ☐ N/A....

Labeled by: AM Labeling checked ..... AM .....

****

Turn Around Time: ☐ RUSH–24HR ☐ RUSH–48HR ☐ RUSH–72HR ☒ NORMAL .....

Short-Hold Notification: ☐ pH ☐ Wet Chem ☐ Metals (Filter/Pres) ☐ Encore ☐ >1/2 HT expired... ✓

Outside Analysis(es) (Test/Lab/Date Sent Out) :

_____ .....

_____ .....

_____ .....

********** LEAVE NO BLANK SPACES ; USE N/A **********

Headspace Anomaly ☒ N/A AM 03/16/16

Lab ID	Container(s) #	Headspace	Lab ID	Container(s) #	Headspace
		☐ > 6mm			☐ > 6mm
		☐ > 6mm			☐ > 6mm
		☐ > 6mm			☐ > 6mm
		☐ > 6mm			☐ > 6mm
		☐ > 6mm			☐ > 6mm
		☐ > 6mm			☐ > 6mm
		☐ > 6mm			☐ > 6mm

LIMS Lot # E5C160219

PROJECT RECEIPT CHECKLIST Cont'd

Fraction	1,2	3												
VOAH/ *	6	3												

* VOA with headspace/bubbles < 6mm

H: HCL, S: H2SO4, N: HNO3, V: VOA, SL, Sleeve, E: Encore, PB: Poly Bottle, CGB: Clear Glass Bottle, AGJ: Amber Glass Jar, T: Terracore AGB: Amber Glass Bottle, n/f/l:HNO3-Lab filtered, n/f:HNO3-Field filtered, znna: Zinc Acetate/Sodium Hydroxide, Na2s2o3: sodium thiosulfate

Condition Upon Receipt Anomaly Form

☑ N/A 3/16/05

▪ COOLERS
- ☐ Not Received (received COC only)
- ☐ Leaking
- ☐ Other:

▪ CUSTODY SEALS (COOLER(S))
- ☐ None
- ☐ Not Intact
- ☐ Other

CONTAINER(S)
- ☐ None
- ☐ Not Intact
- ☐ Other

▪ TEMPERATURE (SPECS 4 ± 2°C)
- ☐ Cooler Temp(s)
- ☐ Temperature Blank(s)

▪ CHAIN OF CUSTODY (COC)
- ☐ Not relinquished by Client; No date/time relinquished
- ☐ Incomplete information provided
- ☐ Other ☐ COC not received – notify PM

▪ CONTAINERS
- ☐ Leaking ☐ Voa Vials with Bubbles > 6mm
- ☐ Broken
- ☐ Extra
- ☐ Without Labels
- ☐ Other:

▪ LABELS
- ☐ Not the same ID/info as in COC
- ☐ Incomplete Information
- ☐ Markings/Info illegible
- ☐ Torn

▪ SAMPLES
- ☐ Samples NOT RECEIVED but listed on COC
- ☐ Samples received but NOT LISTED on COC
- ☐ Logged based on Label Information
- ☐ Logged based on info from other samples on COC
- ☐ Logged according to Work Plan
- ☐ Logged on HOLD UNTIL FURTHER NOTICE

- ☐ Will be noted on COC—Client to send samples with new COC
- ☐ Mislabeled as to tests, preservatives, etc.
- ☐ Holding time expired – list sample ID and test
- ☐ Improper container used
- ☐ Not preserved/Improper preservative used
- ☐ Improper pH _____ Lab to preserve sample and document
- ☐ Insufficient quantities for analysis ☐ Other

Comments:

_____

_____

_____

_____

_____

☐ Corrective Action Implemented:

☐ Client Informed: verbally on _____ By: _____ ☐ In writing on _____ By: _____

☐ Sample(s) on hold until: _____ ☐ Sample(s) processed "as is."

Logged by/Date: 3/16/05

PM Review/Date: 3/16/05

ESC 160417

ConocoPhillips Chain Of Custody Record

1 103171

STL-San Francisco

1220 Quarry Lane

Pleasanton, CA 94566

(925) 484-1919 (925) 484-1096 fax

ConocoPhillips Site Manager:

INVOICE REMITTANCE ADDRESS: CONOCOPHILLIPS Attn: Dee Hutchinson 3611 South Harbor, Suite 200 Santa Ana, CA. 92704

2005-03-0225

ConocoPhillips Work Order Number: 1411 TRC 501

ConocoPhillips Cost Object:

DATE: 030305

PAGE: 1 of 1

SAMPLING COMPANY: TRC	Valid Value ID:	CONOCOPHILLIPS SITE NUMBER: 5430
GLOBAL ID NO.: T0600101765		
ADDRESS: 21 Technology Drive, Irvine CA 92618		SITE ADDRESS (Street and City): 1935 WASHINGTON AVE. SAN LEANDRO
CONOCOPHILLIPS SITE MANAGER: THOMAS KOSEL		
PROJECT CONTACT (Hardcopy or PDF Report to): Anju Farfan		EDF DELIVERABLE TO (RP or Designee): Peter Thomson, TRC pthomson@trcsolutions.com
PHONE NO.: 949-341-7408	E-MAIL:	LAB USE ONLY
TELEPHONE: 949-341-7440	FAX: 949-753-0111	E-MAIL: afarfan@trcsolutions.com
SAMPLER NAME(S) (Print): ALEX	CONSULTANT PROJECT NUMBER: 41050001/FA20	

TURNAROUND TIME (CALENDAR DAYS): ☐ 14 DAYS ☐ 7 DAYS ☐ 72 HOURS ☐ 48 HOURS ☐ 24 HOURS ☐ LESS THAN 24 HOURS

SPECIAL INSTRUCTIONS OR NOTES: CHECK BOX IF EDD IS NEEDED ☑

* Field Point name only required if different from Sample ID

REQUESTED ANALYSES

LAB USE ONLY	Sample Identification/Field Point Name*	SAMPLING DATE	SAMPLING TIME	MATRIX	NO. OF CONT.	8015m - TPHd Extractable	8260B - TPHg/BTEX/MtBE	8260B - TPHg / BTEX / 8 Oxygenates	8260B - TPHg / BTEX / 8 oxygenates + methanol (8015M)	8260B - Full Scan VOCs (does not include oxygenates)	8270C - Semi-Volatiles	8015M / 8021B - TPHg/BTEX/MBE	Lead ☐Total ☐STLC ☐TCLC	TPPH by 8260B	BTEX / MTBE by 8260B	HVOC's (8010 LIST) by 8021B	FIELD NOTES: Container/Preservative or PID Readings or Laboratory Notes
	U-1	030305	0733	G.W	6									X	X	X	6 VOAs w/ HCl
	U-7		0638											X	X	X	
	U-4		0707		3									X	X		3 VOAs w/ HCl
	U-2		0759											X	X		
	U-6		0910											X	X		
																	TEMPERATURE ON RECEIPT C° 2

Relinquished by: (Signature)	Received by: (Signature)	Date: 030505	Time: 1500
Relinquished by: (Signature)	Received by: (Signature)	Date: 3-4-05	Time: 0930
Relinquished by: (Signature)	Received by: (Signature)	Date: 3-4-05	Time: 1450

REFRIGERATED

9/19/03 Revision

000003

STATEMENTS

Purge Water Disposal

Non-hazardous groundwater produced during purging and sampling of monitoring was accumulated at TRC's groundwater monitoring facility at Concord, California, for transportation by Onyx Transportation, Inc., to the ConocoPhillips Refinery at Rodeo, California. Disposal at the Rodeo facility was authorized by ConocoPhillips in accordance with "ESD Standard Operating Procedures – Water Quality and Compliance", as revised on February 7, 2003. 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 containing a significant amount of liquid-phase hydrocarbons was accumulated separately in drums for transportation and disposal by Filter Recycling, Inc.

Limitations

The fluid level monitoring and groundwater sampling activities summarized in this report have been performed under the responsible charge of a California Registered Geologist or Registered Civil Engineer and have been conducted in accordance with current practice and the standard of care exercised by geologists and engineers performing similar tasks in this area. No warranty, express or implied, is made regarding the conclusions and professional 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.