RO 443

ConocoPhillips

76 Broadway
Sacramento, CA 95818
phone 916.558.7676
fax 916.558.7639

December 28, 2004

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
1935 Washington Avenue
San Leandro, CA

Dear Mr. Hwang:

Please find attached Delta's *Semi-annual Summary Report, dated 12/10/04,* and TRC's *Semi-annual Monitoring Report, dated 10/26/04* 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 Manger, Risk Management and Remediation
ConocoPhillips
76 Broadway, Sacramento, CA 95818

Attachment
cc: Steve Meeks, Delta

Delta
Environmental
Consultants, Inc.

Solving environment-related business problems worldwide

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

916.638.2085 800.477.7411
Fax 916.638.8385

3164 Gold Camp Dr., Suite 200
Rancho Cordova, CA 95670
916-536-2616 TEL
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www.deltaenv.com

December 10, 2004

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

RE: **Semi-Annual Summary Report-Second and Third Quarter 2004**
Delta Project Number: C1DD-QSR-1

Dear Mr. Kosel:

On behalf of ConocoPhillips, Delta Environmental Consultants, Inc. is forwarding this Semi-Annual Summary Report and TRC's Semi-Annual Monitoring Report dated 10/26/04 for the following location:

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

Sincerely,
Delta Environmental Consultants, Inc.

Steven W. Meeks, PE
Project Manager

REGISTERED PROFESSIONAL ENGINEER
STEVEN WHITTEN MEEKS
C 057461
Exp: 12/31/05
CIVIL
STATE OF CALIFORNIA
12/28/04

cc:

3164 Gold Camp Dr., Suite 200
Rancho Cordova, CA 95670
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SEMI-ANNUAL SUMMARY REPORT
Second and Third Quarter 2004

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 (Pacific) 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 Pacific 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 Pacific 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 Pacific 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 excavated from the site.

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SENSITIVE RECEPTOR SURVEY

In May, 1998 a well search was performed by Pacific 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 Pacific 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 sampling event and were not sampled in September, 2004. In Figures 2 through 5 they are noted as dry rather than paved over. The current status of these wells will be confirmed in the fourth quarter, 2004 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 interval continues to be semi-annual.

CHARACTERIZATION STATUS

Contamination in soil has been adequately delineated. The hydrocarbon plume is considered stable. In the September, 2004 monitoring and sampling data, the current maximum dissolved TPHH, benzene and MtBE concentrations are 3,600 µg/l, 14 µg/l and 2.7 µg/l respectively.

April through September, 2004 discussion:
The groundwater elevation dropped 3.67 feet from the previous event. Depth to groundwater ranged from 30.83 to 32.24 feet.

The gradient remained essentially unchanged and flow direction remained 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:
TPHH: Only detected in well U-6 at a concentration of 3,600 µg/l. This is essentially unchanged from the previous event. Unable to sample U-3 to evaluate change from previous event concentration of 3,000 µg/l. Remaining sampled wells were ND<50 µg/l which is unchanged from the previous event.

Benzene: Only detected in U-6 at a concentration of 14 µg/l. This is down slightly from previous event concentration of 25 µg/l. Unable to sample U-3 to evaluate change from previous event concentration of 39 µg/l. Remaining sampled wells were ND<.5µg/l which is unchanged from the previous event.

MtBE: Detected in U-1 and U-2 at concentrations of 1.1 µg/l and 2.7 µg/l respectively. This is only slightly changed from the previous event. Remaining sampled wells were ND<.5 µg.l which is unchanged from the previous event.

RECENT CORRESPONDENCE

No regulatory correspondence sent or received in the second and third quarter, 2004.

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Rancho Cordova, CA 95670
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This SEMI_ANNUAL Activities (Second and Third quarter 2004)

1. TRC performed semi-annual monitoring/sampling event on September 16, 2004
2. Meeting held between ConocoPhillips and Alameda County in late September, 2004 to discuss site prioritization and potential closure.

NEXT SEMI-ANNUAL ACTIVITIES (Fourth quarter 2004 and First quarter, 2005)

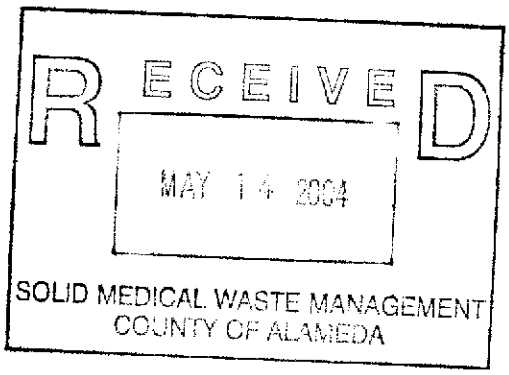
1. TRC to prepare and submit the April through September Semi-Annual Monitoring Report.
2. Delta to maintain dialogue with Alameda County regarding potential closure.

CONSULTANT: Delta Environmental Consultants, Inc.

RO-443

TRC

Customer-Focused Solutions



April 23, 2004

ConocoPhillips Company
76 Broadway
Sacramento, CA 95818

ATTN: MR. THOMAS H. KOSEL

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

RE: SEMI-ANNUAL MONITORING REPORT
OCTOBER 2003 THROUGH MARCH 2004

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

Anju Farfan
QMS Operations Manager

CC: Ms. Eva Chu, Alameda County Water District
Mr. Michael Bakaldin, City of San Leandro Fire Dept.
Mr. Steve Meeks, Delta Environmental

Enclosures
20-0400/5430R01.QMS

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

TRC

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FLUID LEVEL MONITORING AND GROUNDWATER SAMPLING REPORT

OCTOBER 2003 THROUGH MARCH 2004

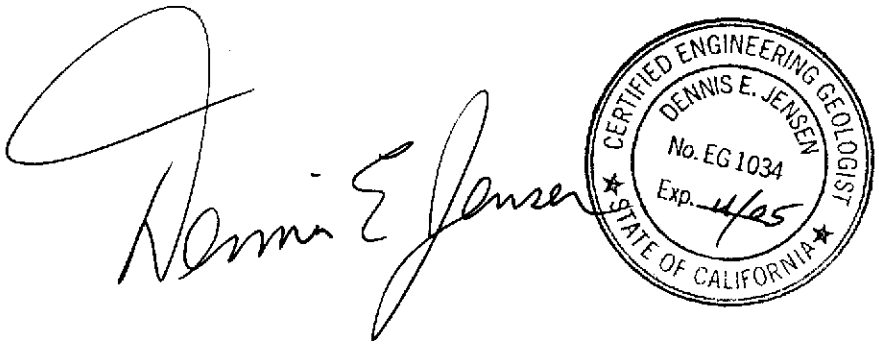
April 23, 2004

76 STATION 5430
1935 Washington Boulevard
San Leandro, California

Prepared For:

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

By:



Senior Project Geologist, Irvine Operations

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

GROUNDWATER MONITORING REPORT

LIST OF ATTACHMENTS	
Summary Sheet	Summary of Gauging and Sampling Activities
Tables	Table Key Table 1: Summary of Groundwater Levels and Chemical Analysis Results Table 2: Historic Groundwater Levels and Chemical Analysis Results Table 3: Summary of Additional Chemical Analysis Results Table 3b: Summary of Additional Chemical Analysis Results Table 3c: Summary of Additional Chemical Analysis Results
Figures	Figure 1: Vicinity Map Figure 2: Groundwater Elevation Contour Map Figure 3: Dissolved-Phase TPPH Concentration Map Figure 4: Dissolved-Phase Benzene Concentration Map Figure 5: Dissolved-Phase MTBE Concentration Map
Graphs	Benzene Concentrations vs. Time Hydrographs
Field Activities	General Field Procedures Groundwater Sampling Field Notes
Laboratory Reports	Official Laboratory Reports Quality Control Reports Chain of Custody Records
Statements	Purge Water Transport and Disposal Limitations

Summary of Gauging and Sampling Activities

76 Station 5430
1935 Washington Avenue
San Leandro, CA

Site Information:

Site:	76 Station 1935 Washington Avenue San Leandro, CA
Project Coordinator/Phone Number:	Thomas Kosel/916-558-7666
Groundwater wells onsite:	6
Groundwater wells offsite:	1

Field Activity:

Sampling consultant:	TRC
Date(s) sampled:	03/26/04
Groundwater wells gauged:	7
Groundwater wells sampled:	7
Purging method:	submersible pump
Treatment/disposal method during sampling event:	Onyx/Rodeo Unit 100
Free product pumpouts other than sampling event:	No
Treatment/Disposal method during free product pumpouts:	N/A

Site Hydrogeology:

Minimum depth to groundwater (feet bgs):	26.23
Maximum depth to groundwater (feet bgs):	28.88
Average groundwater elevation (feet relative to mean sea level):	27.75
Average change in groundwater elevations since previous event (feet):	3.30
Groundwater gradient and flow direction:	0.005 ft/ft, south

Groundwater Condition (Benzene Maximum Contaminant Level [MCL] = 1.0 µg/l)

Wells with benzene concentrations below MCL:	5
Wells with benzene concentrations at or above MCL:	2
Minimum benzene concentration (µg/l):	ND
Maximum benzene concentration (µg/l):	39 (U-3)
Minimum MTBE concentration (µg/l):	ND
Maximum MTBE concentration (µg/l):	1.6
Minimum TPPH concentration (µg/l):	ND
Maximum TPPH concentration (µg/l):	3200 (U-6)
Groundwater wells with free product:	0
Minimum free product thickness (feet):	0
Maximum free product thickness (feet):	0

Additional Information:

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

TABLES

TABLE KEY

ABBREVIATIONS / SYMBOLS

LPH	=	liquid-phase hydrocarbons
µg/l	=	micrograms per liter
mg/l	=	milligrams per liter
ND	=	not detected at or above laboratory detection limit
DTSC	=	Department of Toxic Substances Control
N/A	=	not applicable
Trace	=	less than 0.01 foot of LPH in well
USTs	=	underground storage tanks
--	=	not analyzed, measured, or collected
TPH-G	=	total petroleum hydrocarbons with gasoline distinction
BTEX	=	benzene, toluene, ethylbenzene, and total xylenes
TPH-D	=	total petroleum hydrocarbons with diesel distinction
TRPH	=	total recoverable petroleum hydrocarbons
MTBE	=	methyl tertiary butyl ether
TAME	=	tertiary amyl methyl ether
ETBE	=	ethyl tertiary butyl ether
DIPE	=	di-isopropyl ether
TBA	=	tertiary butyl alcohol
1,1-DCA	=	1,1-Dichloroethane
1,2-DCA	=	1,2-Dichloroethane
1,1-DCE	=	1,1-Dichloroethene
1,2-DCE	=	cis- and trans-1,2-Dichloroethene
PCE	=	tetrachloroethene
TCA	=	trichloroethane
TCE	=	trichloroethene
PCB	=	polychlorinated biphenyls
TPPH	=	total purgeable petroleum hydrocarbons

NOTES

Elevations are in feet above mean sea level.

Groundwater elevation for wells with LPH is calculated as follows:

Surface elevation – depth to water + (0.75 x LPH thickness).

Concentration Graphs have been modified to plot non-detect results at the reporting limit stated in the official laboratory report. All non-detect results prior to the Second Quarter 2000 were plotted at 0.1 µg/l for graphical display.

J = estimated concentration, value is between the Method Detection Limit (MDL) and the Practical Quantitation Limit (PQL)

REFERENCE

TRC began groundwater monitoring and sampling activities in October 2003. Historical data for 76 Station 5430 was provided by Gettler-Ryan Inc., Dublin, California, in an excel table received in September 2003.

Table 1

SUMMARY OF GROUNDWATER LEVELS AND CHEMICAL ANALYSIS RESULTS

March 26, 2004

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)**												
03/26/04	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	
U-2		**(Screen Interval in feet: 20.0-40.0)**												
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	
U-3		**(Screen Interval in feet: 20.0-40.0)**												
03/26/04	55.23	27.34	0.00	27.89	3.28	--	3000	39	ND<2.5	490	220	--	ND<2.5	
U-4		**(Screen Interval in feet: 25.0-40.0)**												
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	
U-5		**(Screen Interval in feet: 25.0-40.0)**												
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	
U-6		**(Screen Interval in feet: 25.0-40.0)**												
03/26/04	55.36	27.93	0.00	27.43	3.22	--	3200	25	ND<2.5	420	95	--	ND<2.5	
U-7		**(Screen Interval in feet: 25.0-40.0)**												
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 GROUNDWATER LEVELS AND CHEMICAL ANALYSIS RESULTS

August 1993 Through March 2004

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)**													
09/07/93	56.58	31.60	0.00	24.98	--	--	--	--	--	--	--	--	--	
12/16/93	56.10	33.19	0.00	22.91	-2.07	--	--	--	--	--	--	--	--	
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	--	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	--	--	1.4	--	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	--	--	0.5	0.85	--	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	--	--	--	--	--	--	--	--	
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	--	--	10	--	--	
06/20/95	56.09	28.20	0.00	27.89	-0.34	500	--	50	--	--	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	--	--	0.72	1.4	1.2	3.6	--	--	
03/06/96	56.09	26.53	0.00	29.56	5.67	96	--	4.5	--	--	3.7	--	--	
06/04/96	56.09	27.43	0.00	28.66	-0.90	410	--	48	--	3.4	7.9	--	--	
09/06/96	56.09	30.25	0.00	25.84	-2.82	--	--	--	--	--	--	--	--	
03/08/97	56.09	26.03	0.00	30.06	4.22	--	--	--	--	--	--	--	--	
09/04/97	56.09	31.56	0.00	24.53	-5.53	--	--	--	--	--	--	--	--	
03/09/98	56.09	20.63	0.00	35.46	10.93	--	--	--	--	--	--	--	--	
09/01/98	56.09	27.82	0.00	28.27	-7.19	--	--	0.59	--	--	--	3.1	--	

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														
03/02/99	56.09	26.83	0.00	29.26	0.99	--	--	--	--	--	--	--	--	
09/07/99	56.09	28.03	0.00	28.06	-1.20	--	--	--	--	--	--	--	--	
03/09/00	56.09	25.50	0.00	30.59	2.53	--	--	--	--	--	--	--	--	
09/11/00	56.09	28.16	0.00	27.93	-2.66	--	--	--	0.592	--	--	--	--	
03/26/01	56.09	27.02	0.00	29.07	--	--	--	--	--	--	--	--	--	
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	
U-2	**(Screen Interval in feet: 20.0-40.0)**													
08/13/93	55.77	30.87	0.00	24.90	--	1400	--	--	--	--	--	--	--	
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	--	--	--	--	0.86	--	--	
07/27/94	55.27	32.12	0.00	23.15	-0.81	--	--	--	--	--	--	--	--	
08/18/94	55.27	32.50	0.00	22.77	-0.38	--	--	--	--	--	--	--	--	
09/15/94	55.27	33.00	0.00	22.27	-0.50	1000	--	44	--	--	--	--	--	
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	--	--	--	--	--	
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	--	--	--	--	1.2	--	--	
06/20/95	55.29	26.74	0.00	28.55	-0.38	--	--	--	0.58	--	1.7	--	--	

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														
09/18/95	55.29	29.65	0.00	25.64	-2.91	--	--	--	--	--	0.85	--	--	
12/14/95	55.29	31.10	0.00	24.19	-1.45	--	--	--	0.89	--	2	--	--	
03/06/96	55.29	25.17	0.00	30.12	5.93	--	--	--	--	--	--	80	--	
06/04/96	55.29	26.03	0.00	29.26	-0.86	--	--	--	--	--	--	110	--	
09/06/96	55.29	29.18	0.00	26.11	-3.15	--	--	--	--	--	--	--	--	
03/08/97	55.29	24.64	0.00	30.65	4.54	--	--	--	--	--	--	42	--	
09/04/97	55.29	30.59	0.00	24.70	-5.95	--	--	--	--	--	--	46	--	
03/09/98	55.29	19.22	0.00	36.07	11.37	--	--	--	--	--	--	4.4	--	
09/01/98	55.29	26.40	0.00	28.89	-7.18	--	--	--	--	--	--	25	--	
03/02/99	55.29	25.48	0.00	29.81	0.92	--	--	--	--	--	--	16	--	
09/07/99	55.29	26.51	0.00	28.78	-1.03	--	--	--	--	--	--	20	--	
03/09/00	55.29	23.95	0.00	31.34	2.56	--	--	--	--	--	--	--	--	
09/11/00	55.29	26.75	0.00	28.54	-2.80	--	--	--	0.635	--	--	--	--	
03/26/01	55.29	25.64	0.00	29.65	--	--	--	--	--	--	--	--	--	
09/04/01	55.29	30.47	0.00	24.82	-4.83	ND<50	--	ND<0.50	0.69	ND<0.50	ND<0.50	ND<5.0	--	
03/18/02	55.29	27.29	0.00	28.00	3.18	ND<50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<5.0	--	
08/30/02	55.29	30.06	0.00	25.23	-2.77	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	3.2	
03/18/03	55.29	27.71	0.00	27.58	2.35	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	2.2	
09/26/03	55.29	30.73	0.00	24.56	-3.02	--	ND<50	ND<0.5	ND<0.5	ND<0.5	ND<1	--	ND<2	
03/26/04	55.29	27.38	0.00	27.91	3.35	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	1.1	
U-3	**(Screen Interval in feet: 20.0-40.0)**													
08/13/93	55.66	30.70	0.00	24.96	--	23000	--	1000	--	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	--	940	--	--	--	
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	--	1300	--	--	--	

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														
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	--	990	560	--	--	
01/10/95	55.24	30.23	0.00	25.01	1.11	--	--	--	--	--	--	--	--	
03/14/95	55.23	25.44	0.00	29.79	4.78	13000	--	860	120	1300	1700	--	--	
06/20/95	55.23	26.70	0.00	28.53	-1.26	9800	--	590	--	800	1000	--	--	
09/18/95	55.23	29.55	0.00	25.68	-2.85	9800	--	600	--	1000	760	--	--	
12/14/95	55.23	31.02	0.00	24.21	-1.47	10000	--	520	--	920	630	--	--	
03/06/96	55.23	25.25	0.00	29.98	5.77	19000	--	1400	--	1800	3000	73	--	
06/04/96	55.23	26.00	0.00	29.23	-0.75	8800	--	510	--	600	830	--	--	
09/06/96	55.23	29.06	0.00	26.17	-3.06	15000	--	360	20	540	450	--	--	
03/08/97	55.23	24.65	0.00	30.58	4.41	3500	--	310	--	230	630	--	--	
09/04/97	55.23	30.44	0.00	24.79	-5.79	700	--	27	--	48	34	--	--	
03/09/98	55.23	19.20	0.00	36.03	11.24	410	--	22	1.2	--	6.1	24	--	
09/01/98	55.23	26.33	0.00	28.90	-7.13	--	--	--	--	--	--	6.1	--	
03/02/99	55.23	25.50	0.00	29.73	0.83	2100	--	110	2.6	--	240	39	--	
09/07/99	55.23	27.63	0.00	27.60	-2.13	2400	--	67	--	150	150	--	--	
03/09/00	55.23	24.05	0.00	31.18	3.58	3250	--	143	--	59	326	--	--	
09/11/00	55.23	27.83	0.00	27.40	-3.78	--	--	--	--	--	--	--	--	
03/26/01	55.23	25.75	0.00	29.48	--	--	--	--	--	--	--	--	--	
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	

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	**(Screen Interval in feet: 25.0-40.0)**													
03/14/95	55.39	26.52	0.00	28.87	--	490	--	3.2	2.1	0.79	1.2	--	--	
06/20/95	55.39	26.90	0.00	28.49	-0.38	--	--	--	--	--	1.5	--	--	
09/18/95	55.39	29.79	0.00	25.60	-2.89	--	--	--	--	--	--	--	--	
12/14/95	55.39	31.23	0.00	24.16	-1.44	--	--	--	0.59	--	0.79	--	--	
03/06/96	55.39	25.30	0.00	30.09	5.93	--	--	--	--	--	0.62	50	--	
06/04/96	55.39	26.19	0.00	29.20	-0.89	--	--	--	--	--	--	290	--	
09/06/96	55.39	29.32	0.00	26.07	-3.13	--	--	--	--	--	--	--	--	
03/08/97	55.39	24.79	0.00	30.60	4.53	--	--	--	--	--	--	--	--	
09/04/97	55.39	30.71	0.00	24.68	-5.92	--	--	--	--	--	--	18	--	
03/09/98	55.39	19.37	0.00	36.02	11.34	--	--	--	--	--	--	--	--	
09/01/98	55.39	26.56	0.00	28.83	-7.19	--	--	--	--	--	--	--	--	
03/02/99	55.39	25.62	0.00	29.77	0.94	110	--	0.89	0.53	--	0.79	4.9	--	
09/07/99	55.39	26.82	0.00	28.57	-1.20	--	--	--	--	--	--	3.0	--	
03/09/00	55.39	24.07	0.00	31.32	2.75	--	--	--	0.615	--	1.05	--	--	
09/11/00	55.39	26.48	0.00	28.91	-2.41	--	--	--	0.686	--	--	--	--	
03/26/01	55.39	25.69	0.00	29.70	--	--	--	--	--	--	--	--	--	
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	
U-5	**(Screen Interval in feet: 25.0-40.0)**													
03/14/95	54.18	25.20	0.00	28.98	--	--	--	--	--	--	1.2	--	--	
06/20/95	54.18	25.60	0.00	28.58	-0.40	--	--	--	--	--	1.6	--	--	
09/18/95	54.18	28.55	0.00	25.63	-2.95	--	--	--	--	--	0.66	--	--	
12/14/95	54.18	29.94	0.00	24.24	-1.39	--	--	--	--	--	--	--	--	
03/06/96	54.18	24.03	0.00	30.15	5.91	--	--	--	--	--	--	--	--	
06/04/96	54.18	24.91	0.00	29.27	-0.88	--	--	--	--	--	--	--	--	

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 continued														
09/06/96	54.18	28.06	0.00	26.12	-3.15	--	--	--	--	--	--	--	--	
03/08/97	54.18	23.49	0.00	30.69	4.57	--	--	--	--	--	--	--	--	
09/04/97	54.18	29.46	0.00	24.72	-5.97	--	--	--	--	--	--	--	--	
03/09/98	54.18	18.10	0.00	36.08	11.36	--	--	--	--	--	--	--	--	
09/01/98	54.18	25.27	0.00	28.91	-7.17	--	--	--	--	--	--	--	--	
03/02/99	54.18	24.35	0.00	29.83	0.92	--	--	--	--	--	--	--	--	
09/07/99	54.18	26.39	0.00	27.79	-2.04	--	--	--	--	--	--	--	--	
03/09/00	54.18	22.81	0.00	31.37	3.58	--	--	--	--	--	--	--	--	
09/11/00	54.18	25.36	0.00	28.82	-2.55	--	--	--	0.64	--	--	--	--	
03/26/01	54.18	24.55	0.00	29.63	--	--	--	--	--	--	--	--	--	
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	
U-6	**(Screen Interval in feet: 25.0-40.0)**													
03/14/95	55.36	26.94	0.00	28.42	--	14,000	--	170	36	790	1500	--	--	
06/20/95	55.36	27.15	0.00	28.21	-0.21	8,500	--	170	11	950	1300	--	--	
09/18/95	55.36	29.95	0.00	25.41	-2.80	9,500	--	260	--	1400	1800	--	--	
12/14/95	55.36	31.32	0.00	24.04	-1.37	15,000	--	240	--	1400	1700	--	--	
03/06/96	55.36	25.71	0.00	29.65	5.61	2,400	--	54	--	170	250	--	--	
06/04/96	55.36	26.52	0.00	28.84	-0.81	4,600	--	83	--	400	520	46	--	
09/06/96	55.36	29.41	0.00	25.95	-2.89	12,000	--	180	6.4	690	600	95	--	
03/08/97	55.36	25.25	0.00	30.11	4.16	2,000	--	180	--	96	290	--	--	
09/04/97	55.36	30.75	0.00	24.61	-5.50	680	--	17	--	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	--	3,900	--	240	--	650	430	45	--	

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														
09/07/99	55.36	28.19	0.00	27.17	-2.24	320	--	14	--	5.2	--	10	--	
03/09/00	55.36	24.64	0.00	30.72	3.55	4,980	--	193	--	520	365	--	--	
09/11/00	55.36	28.35	0.00	27.01	-3.71	538	--	22.8	--	13.8	3.11	--	--	
10/13/00	55.36	29.67	0.00	25.69	-1.32	--	--	--	--	--	--	--	--	
03/26/01	55.36	26.88	0.00	28.48	2.79	16,400	--	412	--	2010	1010	--	--	
09/04/01	55.36	30.81	0.00	24.55	-3.93	8,000	--	200	ND<25	1100	250	ND<250	--	
03/18/02	55.36	27.87	0.00	27.49	2.94	3,900	--	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	
U-7	**(Screen Interval in feet: 25.0-40.0)**													
03/14/95	55.05	26.13	0.00	28.92	--	--	--	--	--	--	--	--	--	
06/20/95	55.05	26.38	0.00	28.67	-0.25	--	--	--	--	--	--	--	--	
09/18/95	55.05	29.21	0.00	25.84	-2.83	--	--	--	--	--	--	--	--	
12/14/95	55.05	30.75	0.00	24.30	-1.54	--	--	--	--	--	0.88	--	--	
03/06/96	55.05	25.10	0.00	29.95	5.65	--	--	--	--	--	--	--	--	
06/04/96	55.05	25.67	0.00	29.38	-0.57	--	--	--	--	--	--	--	--	
09/06/96	55.05	28.75	0.00	26.30	-3.08	--	--	--	--	--	--	--	--	
03/08/97	55.05	24.33	0.00	30.72	4.42	--	--	--	--	--	--	--	--	
09/04/97	55.05	30.16	0.00	24.89	-5.83	--	--	--	--	--	--	--	--	
03/09/98	55.05	18.91	0.00	36.14	11.25	--	--	--	--	--	--	--	--	
09/01/98	55.05	26.04	0.00	29.01	-7.13	88	--	--	--	--	--	2.9	--	
03/02/99	55.05	25.30	0.00	29.75	0.74	--	--	--	--	--	--	--	--	
09/07/99	55.05	27.27	0.00	27.78	-1.97	--	--	--	--	--	--	--	--	
03/09/00	55.05	23.76	0.00	31.29	3.51	--	--	--	--	--	1.09	--	--	
09/11/00	55.05	27.19	0.00	27.86	-3.43	--	--	--	--	--	--	--	--	
03/26/01	55.05	25.61	0.00	29.44	--	--	--	--	--	--	--	--	--	
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	--	

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														
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 3
SUMMARY OF ADDITIONAL CHEMICAL ANALYSIS 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)	DBCM (µg/l)	PCE (µg/l)	cis-1,2-DCE (µg/l)	trans-1,2-DCE (µg/l)	1,3-Dichlorobenzene (µg/l)	Carbon Tetrachloride (µg/l)	Chloroform (µg/l)	1,1,1-TCE (µg/l)
U-1															
12/16/93	130	--	--	--	--	--	--	--	--	--	--	--	--	--	--
03/25/94	57	--	--	--	--	--	--	--	--	--	--	--	--	--	--
06/19/94	61	--	--	--	--	--	--	--	--	--	--	--	--	--	--
09/15/94	83	--	--	--	--	--	--	--	--	--	--	--	--	--	--
12/06/94	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
03/14/95	71	--	--	--	--	--	--	--	--	--	--	--	--	--	--
06/20/95	170	--	--	--	--	--	--	--	--	--	--	--	--	--	--
09/18/95	72	--	--	--	--	--	--	--	--	--	--	--	--	--	--
12/14/95	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
06/04/96	170	--	--	--	--	--	--	--	--	--	--	--	--	--	--
03/08/97	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
09/04/97	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
09/01/98	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
03/02/99	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
03/09/00	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
09/11/00	--	--	--	--	--	--	--	--	--	--	--	--	--	75.2	--
03/26/01	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
09/04/01	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
03/18/02	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
08/30/02	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
03/18/03	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
09/26/03	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
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
U-2															
03/25/94	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
06/19/94	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

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)	DBCM (µg/l)	PCE (µg/l)	cis-1,2-DCE (µg/l)	trans-1,2-DCE (µg/l)	1,3-Dichlorobenzene (µg/l)	Carbon Tetrachloride (µg/l)	Chloroform (µg/l)	1,1,1-TCE (µg/l)
U-2 continued															
09/15/94	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
08/30/02	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
03/18/03	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
U-3															
03/25/94	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
06/19/94	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
09/15/94	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
12/06/94	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
12/14/95	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
03/08/97	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
09/04/97	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
03/09/98	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
03/02/99	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
09/07/99	--	--	--	--	--	--	--	--	--	--	--	--	--	31	--
09/11/00	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
09/04/01	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
03/18/02	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
08/30/02	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
03/18/03	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
09/26/03	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
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	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
U-5															
03/18/03	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
U-6															
03/14/95	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
12/14/95	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
03/18/03	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

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)	DBCM (µg/l)	PCE (µg/l)	cis-1,2-DCE (µg/l)	trans-1,2-DCE (µg/l)	1,3-Dichlorobenzene (µg/l)	Carbon Tetrachloride (µg/l)	Chloroform (µg/l)	1,1,1-TCE (µg/l)
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	--	--	--	--	--	--	--	--	--	--	--	--	0.60	--	--
03/18/02	--	--	--	--	--	--	--	--	--	--	--	--	0.65	1.5	--
08/30/02	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
03/18/03	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
09/26/03	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
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

Table 3b
SUMMARY OF ADDITIONAL CHEMICAL ANALYSIS 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)	BDCM (µg/l)	1,1-DCA (µg/l)	1,1-DCE (µg/l)	Trichloro-fluoro-methane (µg/l)	Trichloro-trifluoro-ethane (µg/l)	1,2-dichloro-propane (µg/l)	1,1,2-TCA (µg/l)	TCE (µg/l)	1,1,2,2-Tetrachloro ethane (µg/l)
U-1															
12/16/93	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
03/25/94	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
06/19/94	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
09/15/94	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
12/06/94	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
03/14/95	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
06/20/95	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
09/18/95	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
12/14/95	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
06/04/96	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
03/08/97	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
09/04/97	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
09/01/98	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
03/02/99	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
03/09/00	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
09/11/00	--	--	--	--	--	--	3.58	--	--	--	--	--	--	--	--
03/26/01	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
09/04/01	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
03/18/02	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
08/30/02	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
03/18/03	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
09/26/03	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
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
U-2															
03/25/94	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
06/19/94	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

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)	BDCM (µg/l)	1,1-DCA (µg/l)	1,1-DCE (µg/l)	Trichloro-fluoro-methane (µg/l)	Trichloro-trifluoro-ethane (µg/l)	1,2-dichloro-propane (µg/l)	1,1,2-TCA (µg/l)	TCE (µg/l)	1,1,2,2-Tetrachloro ethane (µg/l)
U-2 continued															
09/15/94	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
08/30/02	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
03/18/03	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
U-3															
03/25/94	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
06/19/94	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
09/15/94	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
12/06/94	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
12/14/95	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
03/08/97	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
09/04/97	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
03/09/98	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
03/02/99	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
09/07/99	--	--	--	--	--	--	1.4	--	--	--	--	--	--	--	--
09/11/00	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
09/04/01	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
03/18/02	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
08/30/02	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
03/18/03	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
09/26/03	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
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-4															
03/18/03	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
U-5															
03/18/03	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
U-6															
03/14/95	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
12/14/95	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
03/18/03	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

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)	BDCM (µg/l)	1,1-DCA (µg/l)	1,1-DCE (µg/l)	Trichloro-fluoro-methane (µg/l)	Trichloro-trifluoro-ethane (µg/l)	1,2-dichloro-propane (µg/l)	1,1,2-TCA (µg/l)	TCE (µg/l)	1,1,2,2-Tetrachloro ethane (µg/l)
U-7															
09/04/97	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
09/01/98	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
03/02/99	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
03/09/00	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
09/04/01	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
03/18/02	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
08/30/02	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
03/18/03	--	--	--	--	--	--	--	--	--	--	--	--	--	1.10	--
09/26/03	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
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

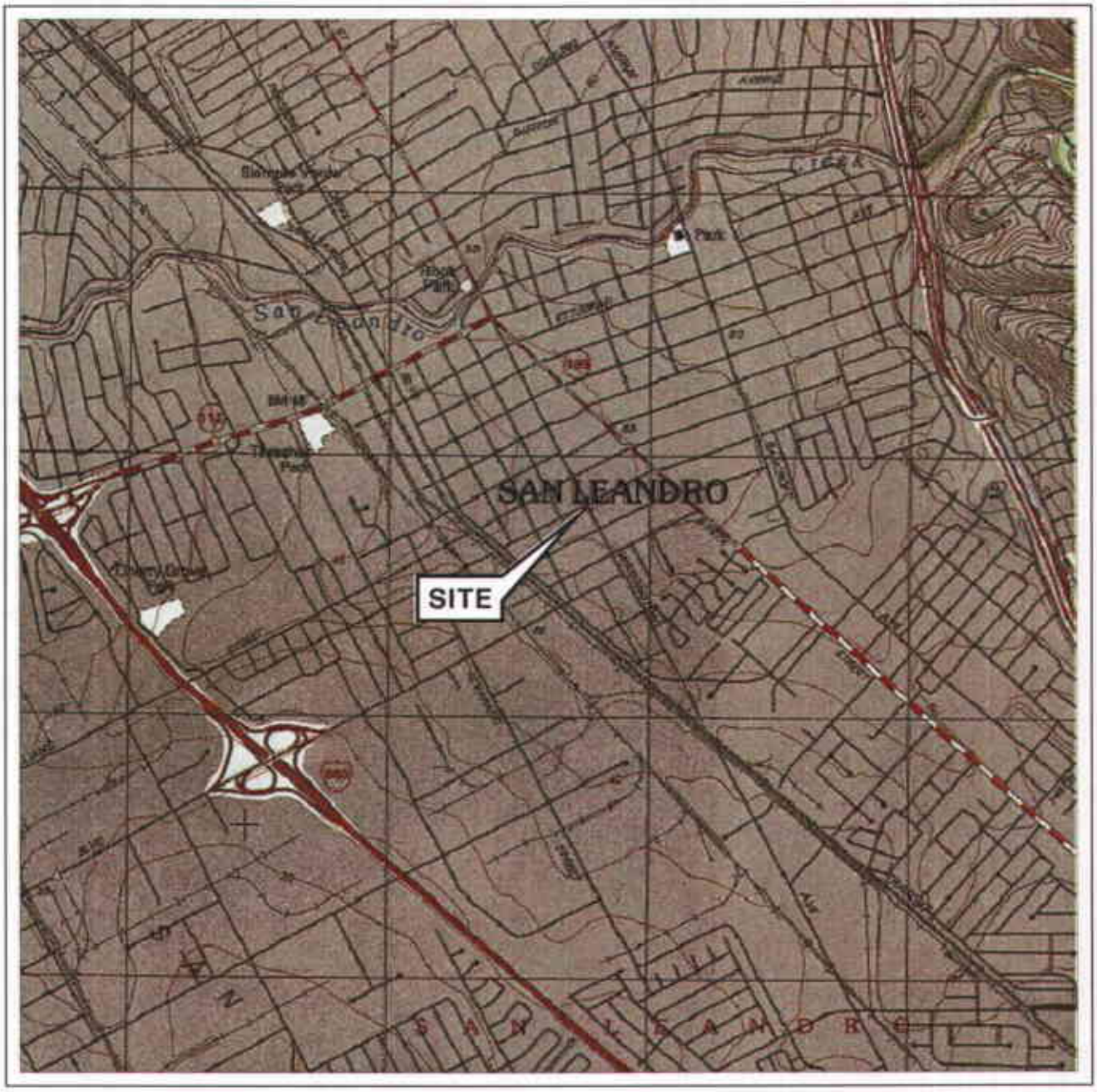
Table 3c
SUMMARY OF ADDITIONAL CHEMICAL ANALYSIS RESULTS
76 Station 5430

Date Sampled	1,2-DCB (µg/l)	Dichloro-difluoro-methane (µg/l)	EDB (µg/l)	TAME 8260B (µg/l)	TBA 8260B (µg/l)	DIPE 8260B (µg/l)	ETBE 8260B (µg/l)	Ethanol 8260B (µg/l)	1,2 DCE (µg/l)
U-1									
12/16/93	--	--	--	--	--	--	--	--	--
03/25/94	--	--	--	--	--	--	--	--	--
06/19/94	--	--	--	--	--	--	--	--	7.4
09/15/94	--	--	--	--	--	--	--	--	9.5
12/06/94	--	--	--	--	--	--	--	--	5.8
03/14/95	--	--	--	--	--	--	--	--	--
06/20/95	--	--	--	--	--	--	--	--	--
09/18/95	--	--	--	--	--	--	--	--	--
12/14/95	--	--	--	--	--	--	--	--	3.8
06/04/96	--	--	--	--	--	--	--	--	--
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	--	--	--	--	--	--	--	--	--
03/26/01	--	--	--	--	--	--	--	--	2.50
09/04/01	ND<0.50	--	--	--	--	--	--	--	2.4
03/18/02	ND<0.50	--	--	--	--	--	--	--	4.4
08/30/02	ND<0.50	--	--	--	--	--	--	--	1.2
03/18/03	ND<0.50	--	ND<2.0	ND<2.0	ND<100	ND<2.0	ND<2.0	ND<500	2.6
09/26/03	ND<2	--	--	--	--	--	--	--	ND<0.5
03/26/04	ND<0.50	ND<1.0	--	--	--	--	--	--	--
U-2									
03/25/94	--	--	--	--	--	--	--	--	11
06/19/94	--	--	--	--	--	--	--	--	0.54

Date Sampled	1,2-DCB (µg/l)	Dichloro-difluoro-methane (µg/l)	EDB (µg/l)	TAME 8260B (µg/l)	TBA 8260B (µg/l)	DIPE 8260B (µg/l)	ETBE 8260B (µg/l)	Ethanol 8260B (µg/l)	1,2 DCE (µg/l)
U-2 continued									
09/15/94	--	--	--	--	--	--	--	--	0.66
08/30/02	--	--	ND<2.0	ND<2.0	ND<100	ND<2.0	ND<2.0	ND<500	ND<2.0
03/18/03	--	--	ND<2.0	ND<2.0	ND<100	ND<2.0	ND<2.0	ND<500	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
09/11/00	--	--	--	--	--	--	--	--	1.17
09/04/01	ND<5.0	--	--	--	--	--	--	--	ND<5.0
03/18/02	ND<0.50	--	--	--	--	--	--	--	ND<0.50
08/30/02	ND<0.50	--	--	--	--	--	--	--	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	ND<2.0
09/26/03	ND<0.5	--	--	--	--	--	--	--	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	ND<2.0
U-5									
03/18/03	--	--	ND<2.0	ND<2.0	ND<100	ND<2.0	ND<2.0	ND<500	ND<2.0
U-6									
03/14/95	--	--	--	--	--	--	--	--	210
12/14/95	--	--	--	--	--	--	--	--	370
03/18/03	--	--	ND<10	ND<10	ND<500	ND<10	ND<10	ND<2500	ND<10

Date Sampled	1,2-DCB (µg/l)	Dichloro-difluoro-methane (µg/l)	EDB (µg/l)	TAME 8260B (µg/l)	TBA 8260B (µg/l)	DIPE 8260B (µg/l)	ETBE 8260B (µg/l)	Ethanol 8260B (µg/l)	1,2 DCE (µg/l)
U-7									
09/04/97	--	--	--	--	--	--	--	--	--
09/01/98	--	--	--	--	--	--	--	--	--
03/02/99	--	--	--	--	--	--	--	--	--
03/09/00	--	--	--	--	--	--	--	--	--
09/04/01	ND<0.50	--	--	--	--	--	--	--	ND<0.50
03/18/02	ND<0.50	--	--	--	--	--	--	--	ND<0.50
08/30/02	ND<0.50	--	--	--	--	--	--	--	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	ND<2.0
09/26/03	ND<0.5	--	--	--	--	--	--	--	ND<0.5
03/26/04	ND<0.50	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

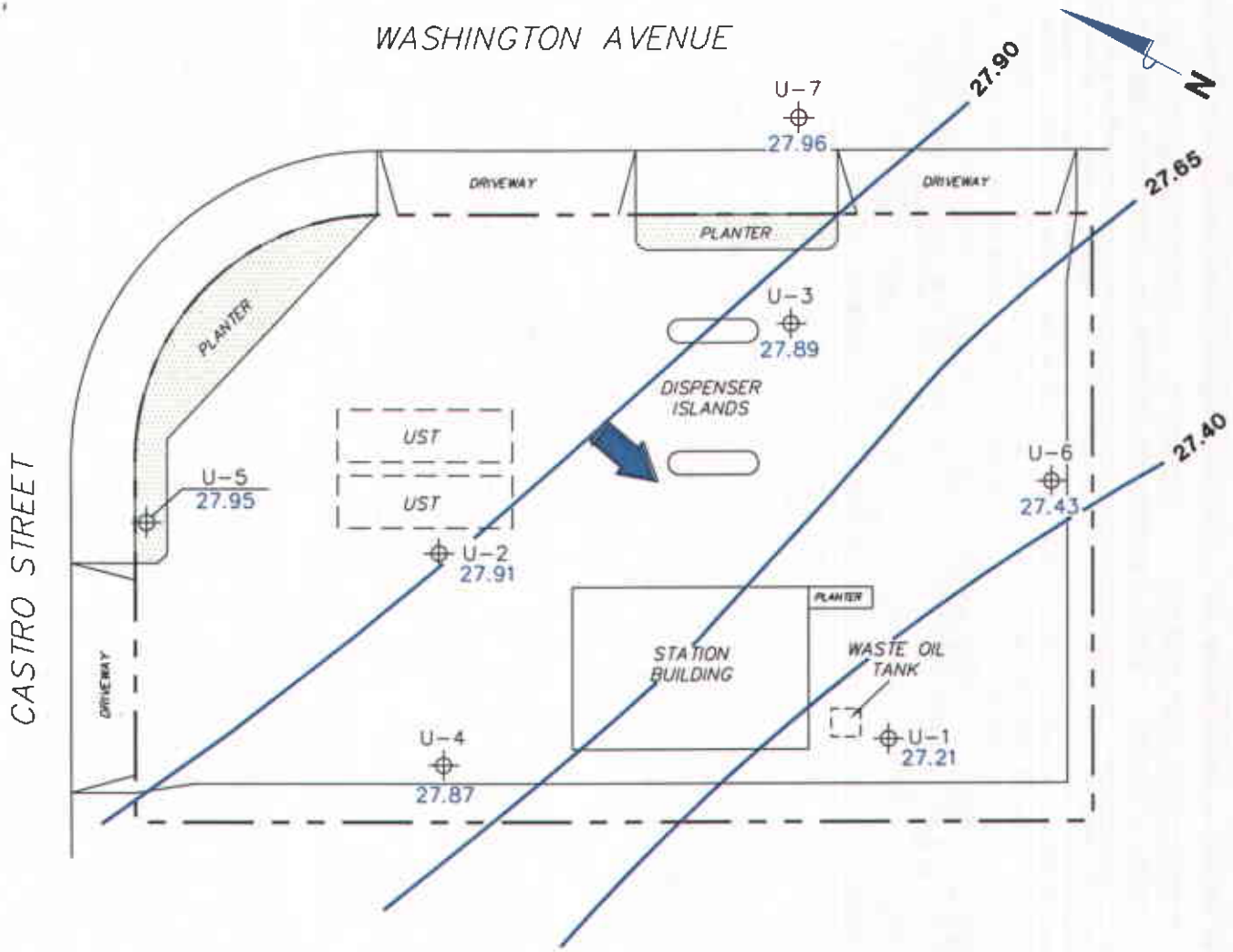
76 Station 5430
1935 Washington Avenue
San Leandro, California

TRC

FIGURE 1

PS = 1:1

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



NOTES:

Contour lines are interpretive and based on fluid levels measured in monitoring wells. Elevations are in feet above mean sea level. UST = underground storage tank.

LEGEND

MW-1 ⊕ Monitoring Well with Groundwater Elevation (feet)

27.90 — Groundwater Elevation Contour

General Direction of Groundwater Flow

GROUNDWATER ELEVATION CONTOUR MAP
March 26, 2004

76 Station 5430
1935 Washington Avenue
San Leandro, California

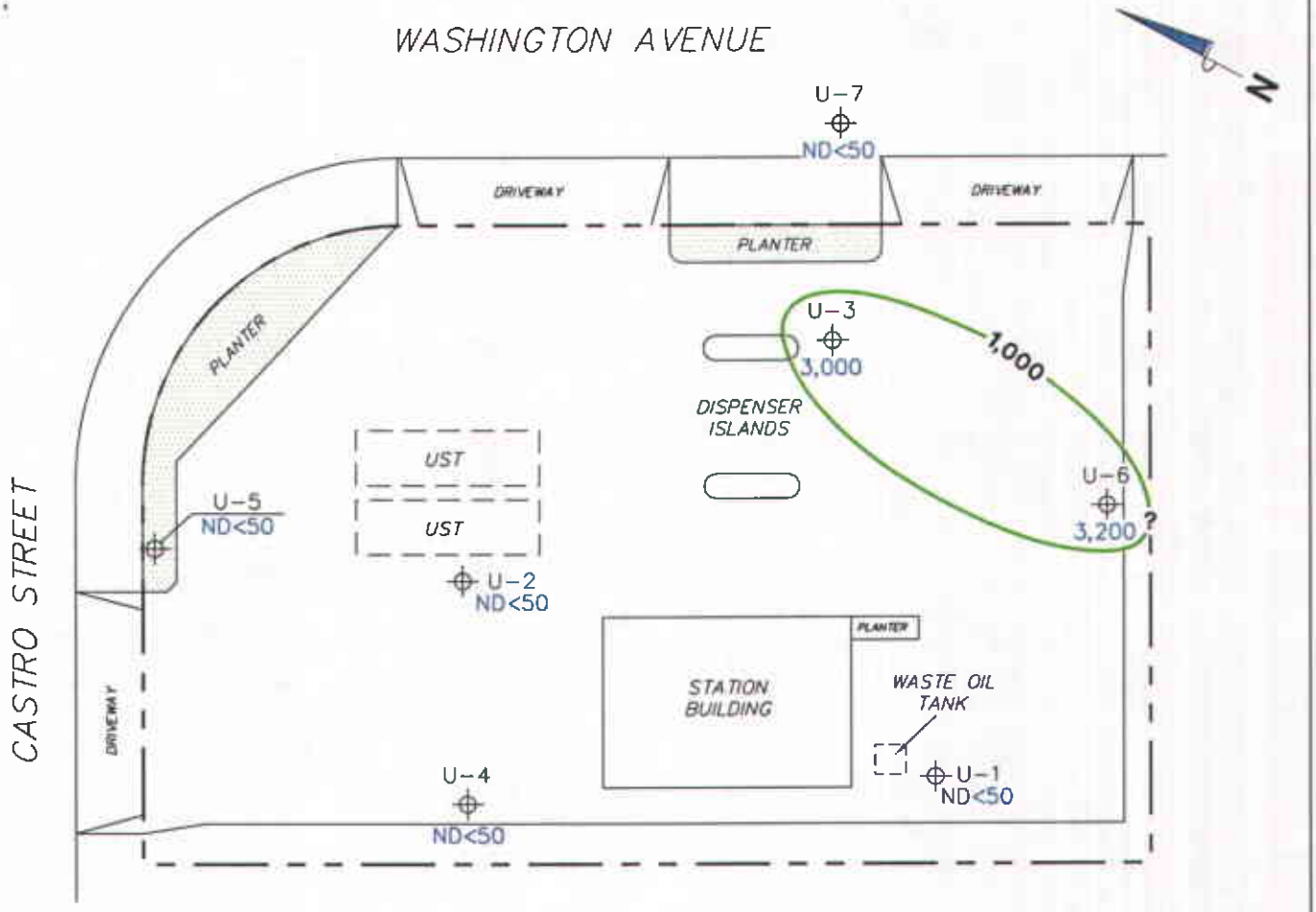
TRC

SCALE (FEET)
0 30

FIGURE 2

PS=1:1

Graphics on Irvine-fs1(L:)\GRAPHICS\Projects By...\20-xxxx\20-0400\x-5000\5430+\5430-QMS.dwg 4/20/04 dml



NOTES:

Contour lines are interpretive and based on laboratory analysis results of groundwater samples. TPPH = total purgeable petroleum hydrocarbons. µg/l = micrograms per liter. ND = not detected at limit indicated on official laboratory report. UST = underground storage tank. Results obtained using EPA Method 8260B.

LEGEND

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

1,000 Dissolved-Phase TPPH Contour (µg/l)

DISSOLVED-PHASE TPPH CONCENTRATION MAP
March 26, 2004

76 Station 5430
1935 Washington Avenue
San Leandro, California

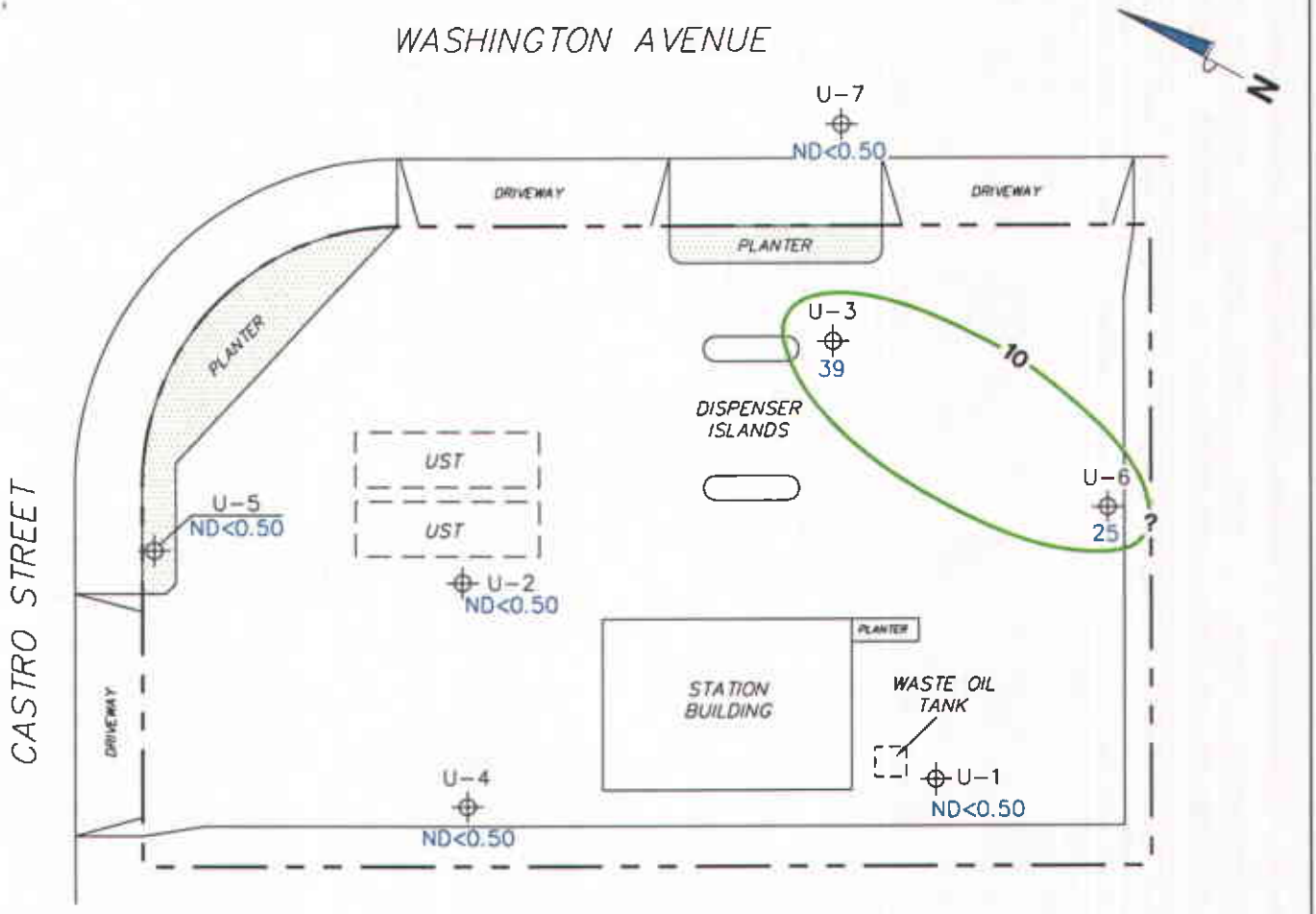
TRC

SCALE (FEET)
0 30

FIGURE 3

PS=1:1

Graphics on Irvine-fs1(L:)\GRAPHICS\Projects By...\20-xxxx\20-0400\x-5000\5430+\5430-QMS.dwg 4/20/04 dml



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.

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 26, 2004

76 Station 5430
1935 Washington Avenue
San Leandro, California

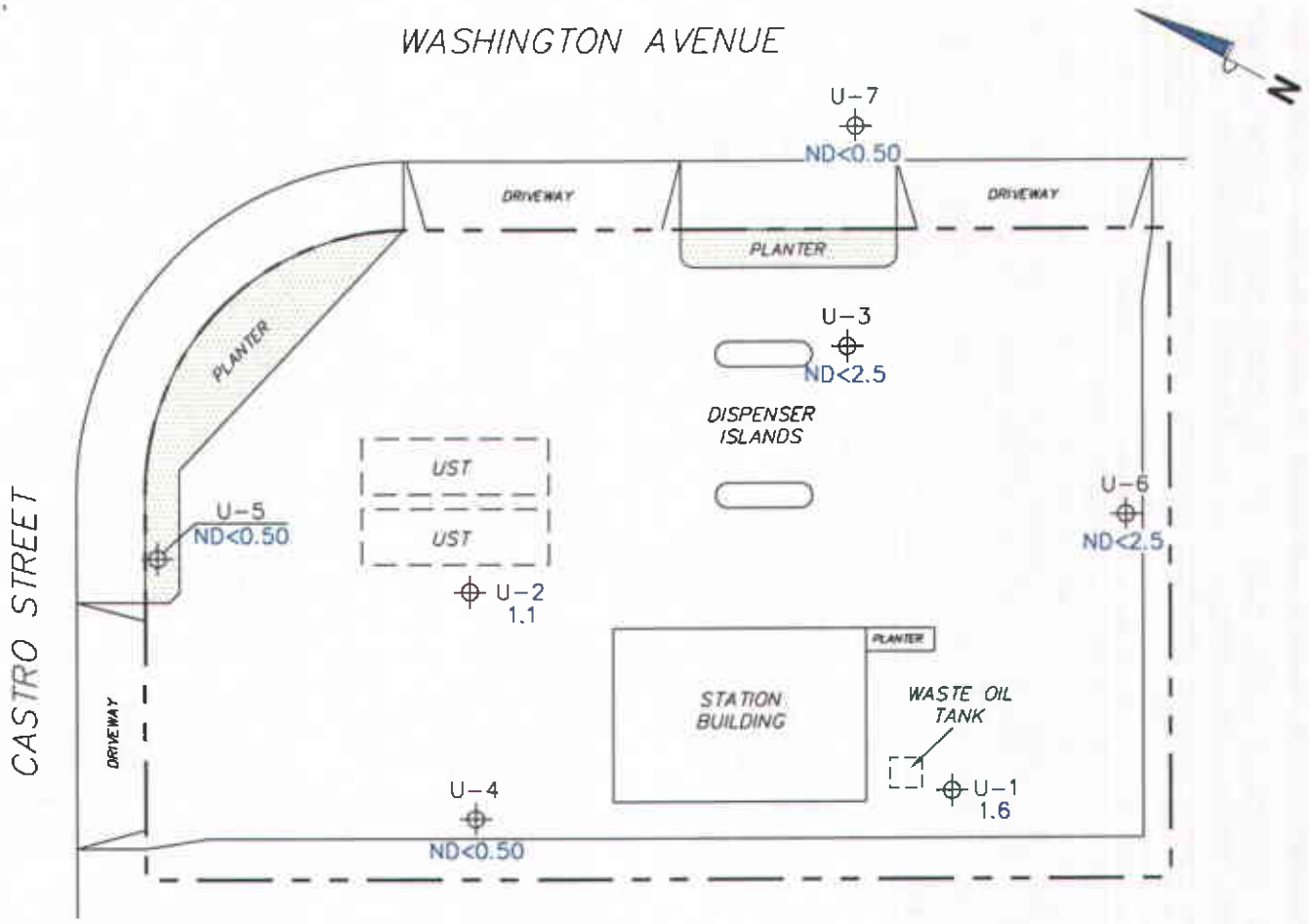
TRC

SCALE (FEET)
0 30

FIGURE 4

PS=1:1

Graphics on Irvine-fs1(L:)\GRAPHICS\Projects By...\20-xxxx\20-0400\x-5000\5430+\5430-GMS.dwg 4/20/04 dml



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. Results obtained using EPA Method 8260B.

LEGEND

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

DISSOLVED-PHASE MTBE CONCENTRATION MAP
March 26, 2004

76 Station 5430
1935 Washington Avenue
San Leandro, California

TRC

SCALE (FEET)
0 30

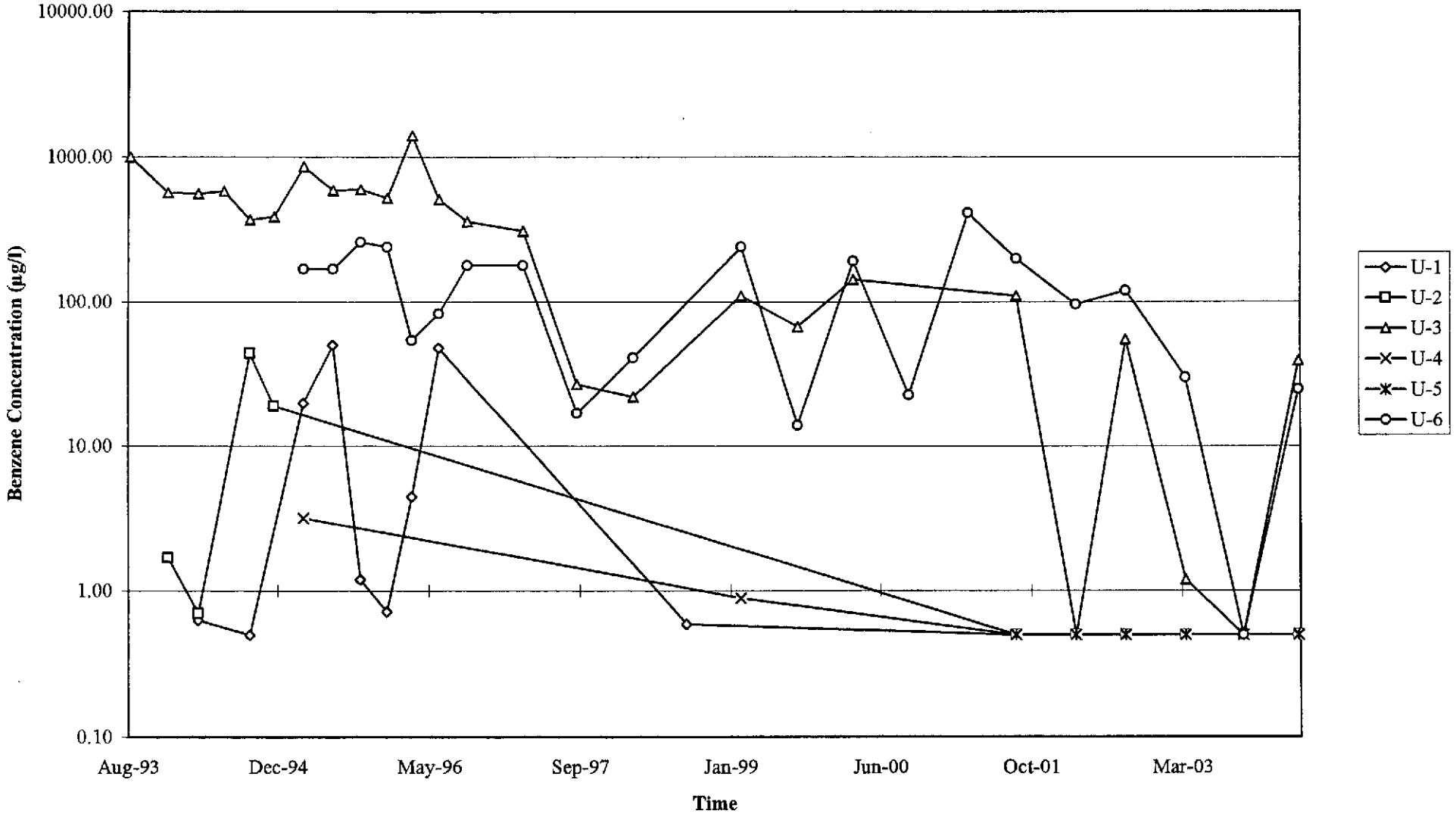
PS=1:1

FIGURE 5

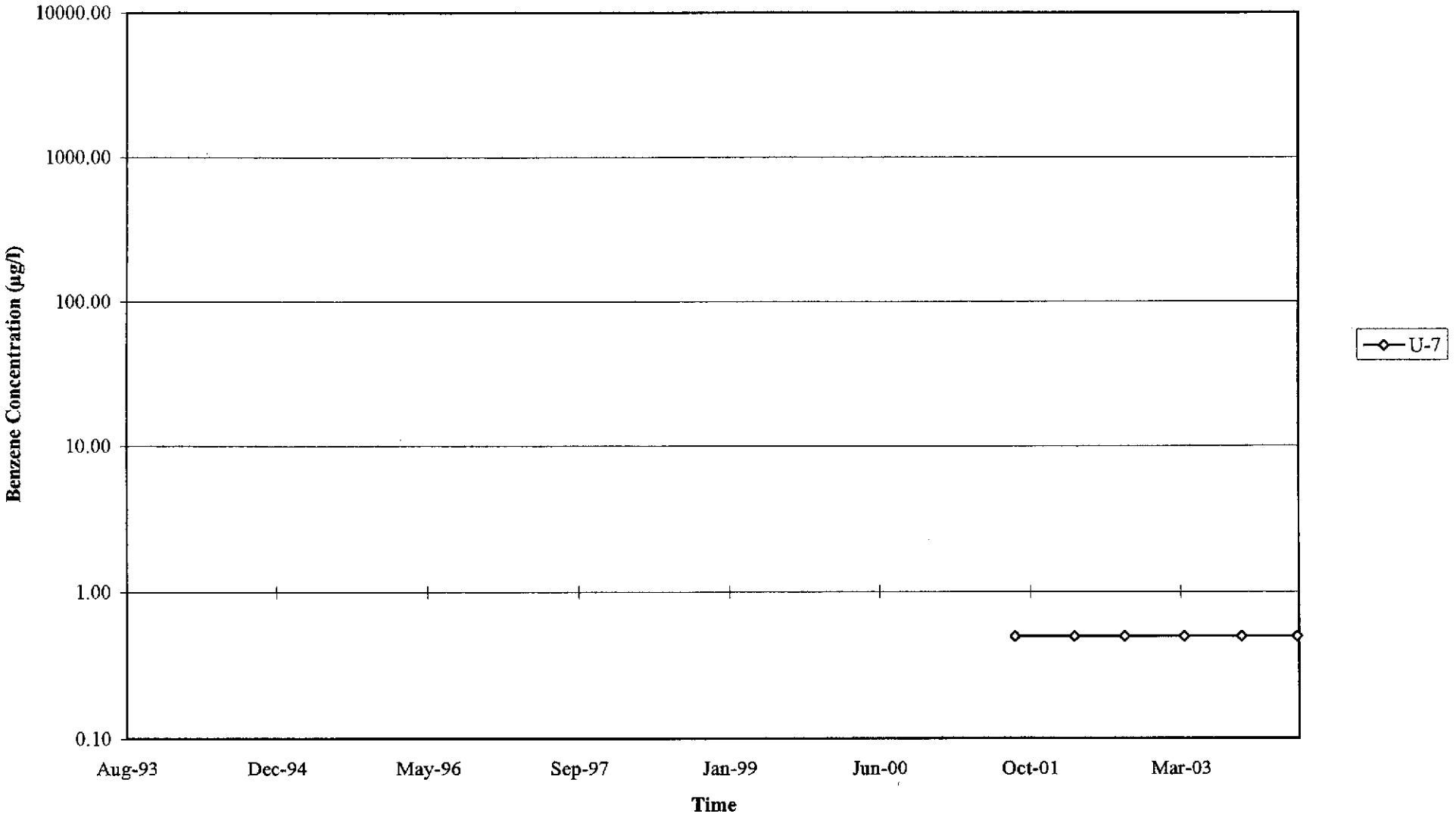
Graphics on Irvine-fs1(L:)\GRAPHICS\Projects By..\20-xxxx\20-0400\x-5000\5430+\5430-QMS.dwg 4/20/04 dml

GRAPHS

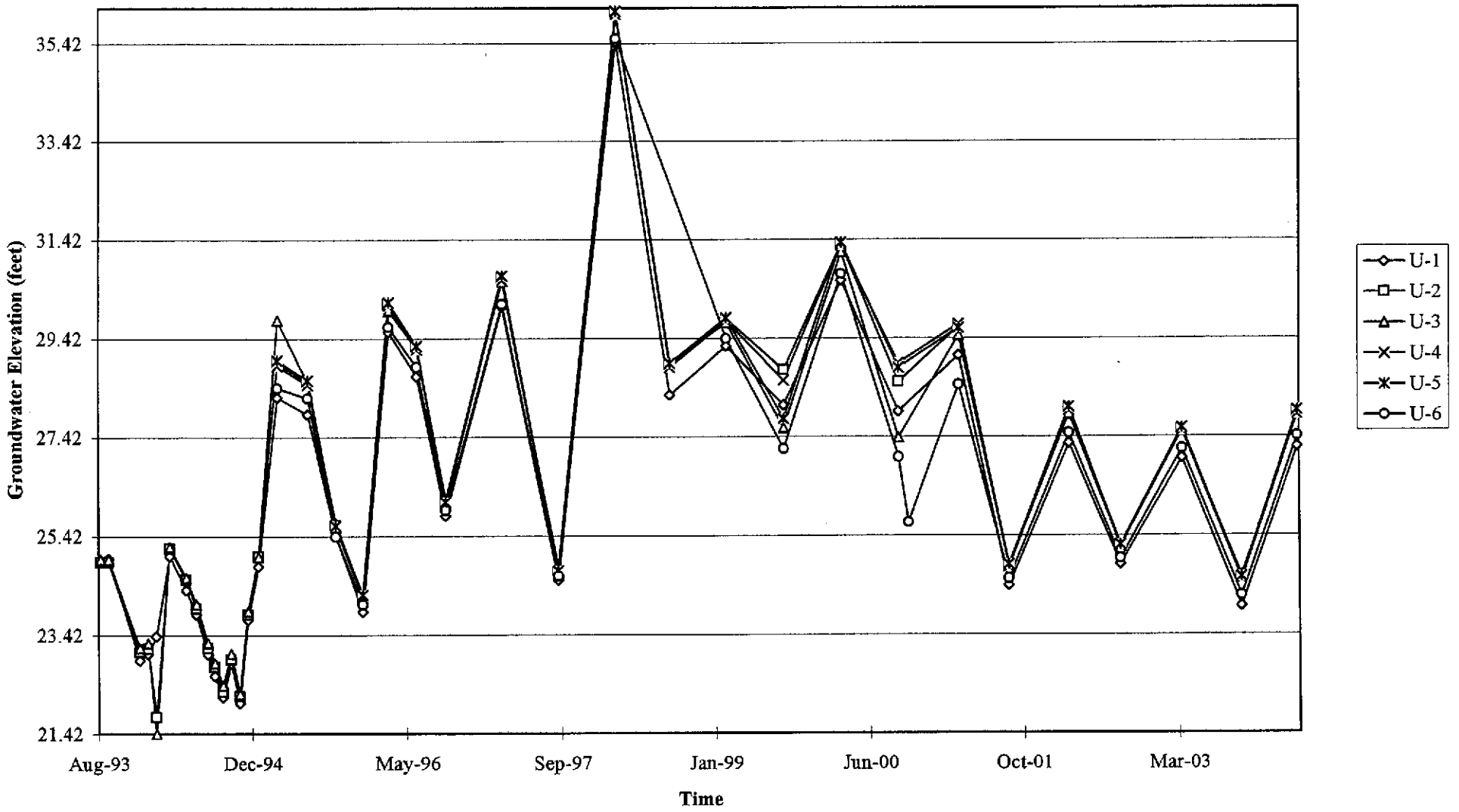
Graph 1
Benzene Concentrations vs. Time
76 Station 5430



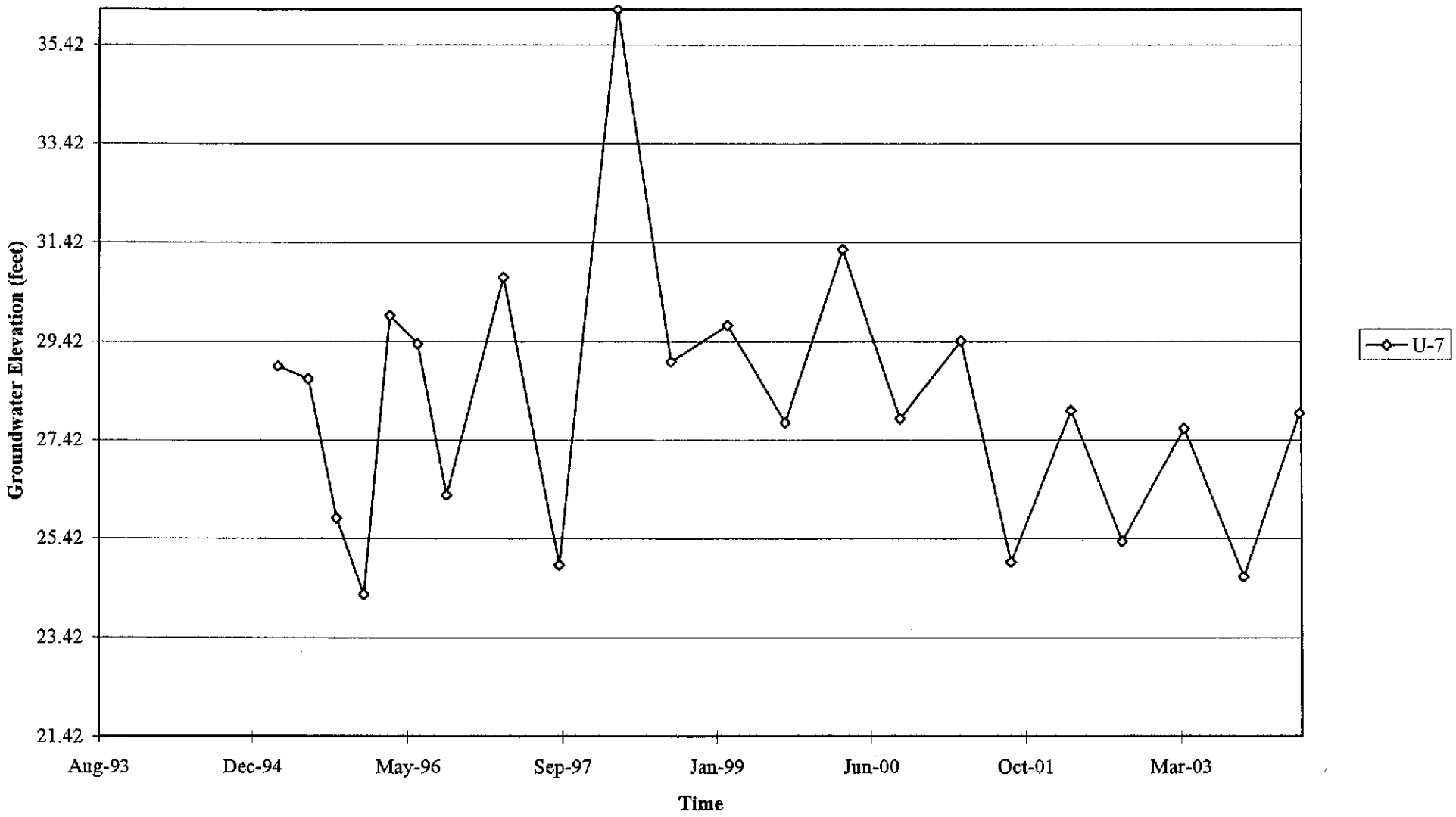
Graph 2
Benzene Concentrations vs. Time
76 Station 5430



Graph 3
Hydrograph
76 Station 5430



Graph 4
Hydrograph
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-inch to 4-inch polyethylene bottom-fill bailer to just below the water level in the well. The bailer is retrieved and the water sample is carefully transferred to containers specified for the laboratory analytical methods indicated by the TSR. Particular care is given to containers for volatile organic analysis (VOAs) which require filling to zero headspace and fitting with Teflon-sealed caps.

After filling, all containers are labeled with project number (or site number), well designation, sample date, 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: Jack Job #/Task #: 41050031/FA20 Date: 3/26/04

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

Well #	Grade	TOC	Total Depth	Depth to Water	Depth to Product	Product Thickness (feet)	Time Sampled	Misc. Well Notes
U-5		✓	28.02	26.23	ϕ	ϕ	0754	2"
U-2		✓	39.11	27.38	ϕ	ϕ	0813	2"
U-4		✓	38.65	27.52	ϕ	ϕ	0853	2"
~~U-3~~		~~✓~~	~~38.35~~	~~27.58~~	~~ϕ~~	~~ϕ~~		~~2"~~
U-1		✓	39.39	28.18	ϕ	ϕ	0915	2"
U-3		✓	38.35	27.34	ϕ	ϕ	0859	2"
U-7		✓	37.52	27.09	ϕ	ϕ	0742	2"
U-6		✓	39.80	27.93	ϕ	ϕ	0811	2"

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

WTT CERTIFICATE MANIFEST DRUM INVENTORY ✓ TRAFFIC CONTROL ✓

GROUNDWATER SAMPLING FIELD NOTES

Technician: JAK

Site: 5430 Project No.: 410500501/FA20 Date: 3/26/04

Well No.: U-5 Purge Method: DLA SUB

Depth to Water (feet): 26.23 Depth to Product (feet): 0

Total Depth (feet): 38.02 LPH & Water Recovered (gallons): 0

Water Column (feet): 11.79 Casing Diameter (Inches):

80% Recharge Depth (feet): 28.58 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.
0752			2	587	14.5	7.76		
			4	517	16.4	7.53		
	0747		6	509	17.8	7.34		

Static at Time Sampled	Total Gallons Purged	Time Sampled
26.29	6	0754

Comments:

Well No.: U-2 Purge Method: ~~DLA~~ SUB

Depth to Water (feet): 27.38 Depth to Product (feet): 0

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

Water Column (feet): 11.73 Casing Diameter (Inches): 2"

80% Recharge Depth (feet): 29.72 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.
0803			2	539	14.8	6.97		
			4	523	17.8	6.92		
	0808		6	516	18.6	6.92		

Static at Time Sampled	Total Gallons Purged	Time Sampled
27.45	6	0813

Comments:

GROUNDWATER SAMPLING FIELD NOTES

Technician: David Tenney

Site: 5430 Project No.: 410500-01/FA20 Date: 3-26-04

Well No.: V-7 Purge Method: Sub 0969

Depth to Water (feet): 27.09 Depth to Product (feet): ~~0~~

Total Depth (feet): 37.52 LPH & Water Recovered (gallons): ~~0~~

Water Column (feet): 10.43 Casing Diameter (Inches): 2"

80% Recharge Depth (feet): 29.18 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.
0732			2	531 W	10.8	6.50		
			4	518	17.2	6.31		
	0737		6	542	18.5	6.11		

Static at Time Sampled	Total Gallons Purged	Time Sampled
27.78	6	0742

Comments:

Well No.: V-6 Purge Method: ~~Sub 0969~~ or Sub 0969

Depth to Water (feet): 27.93 Depth to Product (feet): ~~0~~

Total Depth (feet): 39.80 LPH & Water Recovered (gallons): ~~0~~

Water Column (feet): 11.87 Casing Diameter (Inches): 2"

80% Recharge Depth (feet): 30.30 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.
0800			2	836 W	15.8	5.93		
			4	798	18.8	6.03		
	0806		6	822	19.3	5.95		

Static at Time Sampled	Total Gallons Purged	Time Sampled
30.15	6	0811

Comments:

Sample Time: 0811

GROUNDWATER SAMPLING FIELD NOTES

Technician: David Tenney

Site: 5430 Project No.: 410500-01/FA20 Date: 3-26-04

Well No.: U-1 Purge Method: sub 0969

Depth to Water (feet): 28.88 Depth to Product (feet): 0

Total Depth (feet): 39.39 LPH & Water Recovered (gallons): 0

Water Column (feet): 10.51 Casing Diameter (Inches): 2

80% Recharge Depth (feet): 30.98 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.
0825			2	702 N	14.7	6.10		
			4	626	18.0	6.13		
	0830		6	633	17.8	6.17		

Static at Time Sampled	Total Gallons Purged	Time Sampled
29.97	6	0915

Comments:

Well No.: U-3 Purge Method: sub 0969

Depth to Water (feet): 27.34 Depth to Product (feet): 0

Total Depth (feet): 38.35 LPH & Water Recovered (gallons): 0

Water Column (feet): 10.97 Casing Diameter (Inches): 2"

80% Recharge Depth (feet): 29.57 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.
0848			2	577 N	15.1	6.34		
			4	584	19.1	6.15		
	0854		6	612	19.9	6.09		

Static at Time Sampled	Total Gallons Purged	Time Sampled
28.29	6	0859

Comments:

GROUNDWATER SAMPLING FIELD NOTES

Technician: JWK

Site: 5435　　Project No.: 41050001/FA26　　Date: 3/24/04

Well No.: U-4　　Purge Method: HB SUB

Depth to Water (feet): 27.52　　Depth to Product (feet): Ø

Total Depth (feet): 38.65　　LPH & Water Recovered (gallons): Ø

Water Column (feet): 11.13　　Casing Diameter (Inches): 2"

80% Recharge Depth (feet): 29.74　　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.
0840			2	526	14.3	6.95		
			4	526	17.4	6.91		
	0844		6	524	18.4	6.89		

Static at Time Sampled		Total Gallons Purged	Time Sampled
27.60		6	0853

Comments:

~~6 * Well No.: U-3　　Purge Method: DIA SUB~~

~~Depth to Water (feet): 27.39　　Depth to Product (feet): Ø~~

~~Total Depth (feet): 38.35　　LPH & Water Recovered (gallons): Ø~~

~~Water Column (feet): 10.97　　Casing Diameter (Inches): 2"~~

~~80% Recharge Depth (feet): 29.57　　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.

Static at Time Sampled		Total Gallons Purged	Time Sampled

Comments:

SEVERN TRENT STL

Submission#: 2004-03-0915

TRC Alton Geoscience

April 09, 2004

21 Technology Drive
Irvine, CA 92718
Attn.: Anju Farfan
Project#: 41050001FA20
Project: Conoco Phillips # 5430
Site: 1935 Washington Ave., San Leandro

Attached is our report for your samples received on 03/29/2004 17:26
This report has been reviewed and approved for release. Reproduction of this report is permitted only in its entirety.

Please note that any unused portion of the samples will be discarded after 05/13/2004 unless you have requested otherwise.
We appreciate the opportunity to be of service to you. If you have any questions, please call me at (925) 484-1919.
You can also contact me via email. My email address is: dsharma@stl-inc.com

Sincerely,

Dimple Sharma
Project Manager

SEVERN TRENT STL

Submission #: 2004-03-0915

Gas/BTEX/MTBE by 8260B

TRC Alton Geoscience
Attn.: Anju Farfan

21 Technology Drive
Irvine, CA 92718
Phone: (949) 341-7440 Fax: (949) 753-0111

Project: 41050001FA20
Conoco Phillips # 5430

Received: 03/29/2004 17:26

Site: 1935 Washington Ave., San Leandro

Samples Reported

Sample Name	Date Sampled	Matrix	Lab #
U-2	03/26/2004 08:13	Water	1
U-4	03/26/2004 08:53	Water	2
U-5	03/26/2004 07:54	Water	3
U-6	03/26/2004 08:11	Water	4
U-1	03/26/2004 09:15	Water	5
U-3	03/26/2004 08:59	Water	6
U-7	03/26/2004 07:42	Water	7

Gas/BTEX/MTBE by 8260B

TRC Alton Geoscience
Attn.: Anju Farfan

21 Technology Drive
Irvine, CA 92718
Phone: (949) 341-7440 Fax: (949) 753-0111

Project: 41050001FA20
Conoco Phillips # 5430

Received: 03/29/2004 17:26

Site: 1935 Washington Ave., San Leandro

Prep(s): 5030B
Sample ID: **U-2**
Sampled: 03/26/2004 08:13
Matrix: Water

Test(s): 8260B
Lab ID: 2004-03-0915 - 1
Extracted: 4/3/2004 15:44
QC Batch#: 2004/04/03-1B.69

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Gasoline	ND	50	ug/L	1.00	04/03/2004 15:44	
Benzene	ND	0.50	ug/L	1.00	04/03/2004 15:44	
Toluene	ND	0.50	ug/L	1.00	04/03/2004 15:44	
Ethylbenzene	ND	0.50	ug/L	1.00	04/03/2004 15:44	
Total xylenes	ND	1.0	ug/L	1.00	04/03/2004 15:44	
Methyl tert-butyl ether (MTBE)	1.1	0.50	ug/L	1.00	04/03/2004 15:44	
Surrogate(s)						
1,2-Dichloroethane-d4	100.6	76-114	%	1.00	04/03/2004 15:44	
Toluene-d8	98.0	88-110	%	1.00	04/03/2004 15:44	

SEVERN TRENT STL

Submission #: 2004-03-0915

Gas/BTEX/MTBE by 8260B

TRC Alton Geoscience
Attn.: Anju Farfan

21 Technology Drive
Irvine, CA 92718
Phone: (949) 341-7440 Fax: (949) 753-0111

Project: 41050001FA20
Conoco Phillips # 5430

Received: 03/29/2004 17:26

Site: 1935 Washington Ave., San Leandro

Prep(s):	5030B	Test(s):	8260B
Sample ID:	**U-4**	Lab ID:	2004-03-0915 - 2
Sampled:	03/26/2004 08:53	Extracted:	4/6/2004 02:02
Matrix:	Water	QC Batch#:	2004/04/05-2A.65

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Gasoline	ND	50	ug/L	1.00	04/06/2004 02:02	
Benzene	ND	0.50	ug/L	1.00	04/06/2004 02:02	
Toluene	ND	0.50	ug/L	1.00	04/06/2004 02:02	
Ethylbenzene	ND	0.50	ug/L	1.00	04/06/2004 02:02	
Total xylenes	ND	1.0	ug/L	1.00	04/06/2004 02:02	
Methyl tert-butyl ether (MTBE)	ND	0.50	ug/L	1.00	04/06/2004 02:02	
Surrogate(s)						
1,2-Dichloroethane-d4	105.6	76-114	%	1.00	04/06/2004 02:02	
Toluene-d8	97.6	88-110	%	1.00	04/06/2004 02:02	

Gas/BTEX/MTBE by 8260B

TRC Alton Geoscience
Attn.: Anju Farfan

21 Technology Drive
Irvine, CA 92718
Phone: (949) 341-7440 Fax: (949) 753-0111

Project: 41050001FA20
Conoco Phillips # 5430

Received: 03/29/2004 17:26

Site: 1935 Washington Ave., San Leandro

Prep(s): 5030B
Sample ID: **U-5**
Sampled: 03/26/2004 07:54
Matrix: Water

Test(s): 8260B
Lab ID: 2004-03-0915 - 3
Extracted: 4/3/2004 16:21
QC Batch#: 2004/04/03-1B.69

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Gasoline	ND	50	ug/L	1.00	04/03/2004 16:21	
Benzene	ND	0.50	ug/L	1.00	04/03/2004 16:21	
Toluene	ND	0.50	ug/L	1.00	04/03/2004 16:21	
Ethylbenzene	ND	0.50	ug/L	1.00	04/03/2004 16:21	
Total xylenes	ND	1.0	ug/L	1.00	04/03/2004 16:21	
Methyl tert-butyl ether (MTBE)	ND	0.50	ug/L	1.00	04/03/2004 16:21	
Surrogate(s)						
1,2-Dichloroethane-d4	101.3	76-114	%	1.00	04/03/2004 16:21	
Toluene-d8	93.7	88-110	%	1.00	04/03/2004 16:21	

Gas/BTEX/MTBE by 8260B

TRC Alton Geoscience
Attn.: Anju Farfan

21 Technology Drive
Irvine, CA 92718
Phone: (949) 341-7440 Fax: (949) 753-0111

Project: 41050001FA20
Conoco Phillips # 5430

Received: 03/29/2004 17:26

Site: 1935 Washington Ave., San Leandro

Prep(s): 5030B
Sample ID: **U-6**
Sampled: 03/26/2004 08:11
Matrix: Water

Test(s): 8260B
Lab ID: 2004-03-0915 - 4
Extracted: 4/6/2004 02:25
QC Batch#: 2004/04/05-2A.65

Analysis Flag: o (See Legend and Note Section)

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Gasoline	3200	250	ug/L	5.00	04/06/2004 02:25	
Benzene	25	2.5	ug/L	5.00	04/06/2004 02:25	
Toluene	ND	2.5	ug/L	5.00	04/06/2004 02:25	
Ethylbenzene	420	2.5	ug/L	5.00	04/06/2004 02:25	
Total xylenes	95	5.0	ug/L	5.00	04/06/2004 02:25	
Methyl tert-butyl ether (MTBE)	ND	2.5	ug/L	5.00	04/06/2004 02:25	
Surrogate(s)						
1,2-Dichloroethane-d4	114.3	76-114	%	5.00	04/06/2004 02:25	sh
Toluene-d8	101.1	88-110	%	5.00	04/06/2004 02:25	

Gas/BTEX/MTBE by 8260B

TRC Alton Geoscience
Attn.: Anju Farfan

21 Technology Drive
Irvine, CA 92718
Phone: (949) 341-7440 Fax: (949) 753-0111

Project: 41050001FA20
Conoco Phillips # 5430

Received: 03/29/2004 17:26

Site: 1935 Washington Ave., San Leandro

Prep(s): 5030B
Sample ID: **U-1**
Sampled: 03/26/2004 09:15
Matrix: Water

Test(s): 8260B
Lab ID: 2004-03-0915 - 5
Extracted: 4/3/2004 16:58
QC Batch#: 2004/04/03-1B.69

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Gasoline	ND	50	ug/L	1.00	04/03/2004 16:58	
Benzene	ND	0.50	ug/L	1.00	04/03/2004 16:58	
Toluene	ND	0.50	ug/L	1.00	04/03/2004 16:58	
Ethylbenzene	ND	0.50	ug/L	1.00	04/03/2004 16:58	
Total xylenes	ND	1.0	ug/L	1.00	04/03/2004 16:58	
Methyl tert-butyl ether (MTBE)	1.6	0.50	ug/L	1.00	04/03/2004 16:58	
Surrogate(s)						
1,2-Dichloroethane-d4	102.3	76-114	%	1.00	04/03/2004 16:58	
Toluene-d8	95.6	88-110	%	1.00	04/03/2004 16:58	

Gas/BTEX/MTBE by 8260B

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Project: 41050001FA20
Conoco Phillips # 5430

Received: 03/29/2004 17:26

Site: 1935 Washington Ave., San Leandro

Prep(s): 5030B
Sample ID: **U-3**
Sampled: 03/26/2004 08:59
Matrix: Water

Test(s): 8260B
Lab ID: 2004-03-0915 - 6
Extracted: 4/3/2004 17:16
QC Batch#: 2004/04/03-1B.69

Analysis Flag: o (See Legend and Note Section)

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Gasoline	3000	250	ug/L	5.00	04/03/2004 17:16	
Benzene	39	2.5	ug/L	5.00	04/03/2004 17:16	
Toluene	ND	2.5	ug/L	5.00	04/03/2004 17:16	
Ethylbenzene	490	2.5	ug/L	5.00	04/03/2004 17:16	
Total xylenes	220	5.0	ug/L	5.00	04/03/2004 17:16	
Methyl tert-butyl ether (MTBE)	ND	2.5	ug/L	5.00	04/03/2004 17:16	
Surrogate(s)						
1,2-Dichloroethane-d4	101.8	76-114	%	5.00	04/03/2004 17:16	
Toluene-d8	89.0	88-110	%	5.00	04/03/2004 17:16	

Gas/BTEX/MTBE by 8260B

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Project: 41050001FA20
Conoco Phillips # 5430

Received: 03/29/2004 17:26

Site: 1935 Washington Ave., San Leandro

Prep(s): 5030B
Sample ID: **U-7**
Sampled: 03/26/2004 07:42
Matrix: Water

Test(s): 8260B
Lab ID: 2004-03-0915 - 7
Extracted: 4/3/2004 17:35
QC Batch#: 2004/04/03-1B.69

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Gasoline	ND	50	ug/L	1.00	04/03/2004 17:35	
Benzene	ND	0.50	ug/L	1.00	04/03/2004 17:35	
Toluene	ND	0.50	ug/L	1.00	04/03/2004 17:35	
Ethylbenzene	ND	0.50	ug/L	1.00	04/03/2004 17:35	
Total xylenes	ND	1.0	ug/L	1.00	04/03/2004 17:35	
Methyl tert-butyl ether (MTBE)	ND	0.50	ug/L	1.00	04/03/2004 17:35	
Surrogate(s)						
1,2-Dichloroethane-d4	98.5	76-114	%	1.00	04/03/2004 17:35	
Toluene-d8	92.0	88-110	%	1.00	04/03/2004 17:35	

Gas/BTEX/MTBE by 8260B

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Project: 41050001FA20
Conoco Phillips # 5430

Received: 03/29/2004 17:26

Site: 1935 Washington Ave., San Leandro

Batch QC Report

Prep(s): 5030B
Method Blank

Water

Test(s): 8260B
QC Batch # 2004/04/03-1B.69

MB: 2004/04/03-1B.69-033

Date Extracted: 04/03/2004 12:33

Compound	Conc.	RL	Unit	Analyzed	Flag
Gasoline	ND	50	ug/L	04/03/2004 12:33	
Methyl tert-butyl ether (MTBE)	ND	0.5	ug/L	04/03/2004 12:33	
Benzene	ND	0.5	ug/L	04/03/2004 12:33	
Toluene	ND	0.5	ug/L	04/03/2004 12:33	
Ethylbenzene	ND	0.5	ug/L	04/03/2004 12:33	
Total xylenes	ND	1.0	ug/L	04/03/2004 12:33	
Surrogates(s)					
1,2-Dichloroethane-d4	104.4	76-114	%	04/03/2004 12:33	
Toluene-d8	89.6	88-110	%	04/03/2004 12:33	

Gas/BTEX/MTBE by 8260B

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Project: 41050001FA20
Conoco Phillips # 5430

Received: 03/29/2004 17:26

Site: 1935 Washington Ave., San Leandro

Batch QC Report

Prep(s): 5030B
Method Blank
MB: 2004/04/05-2A.65-043

Water

Test(s): 8260B
QC Batch # 2004/04/05-2A.65
Date Extracted: 04/05/2004 18:43

Compound	Conc.	RL	Unit	Analyzed	Flag
Gasoline	ND	50	ug/L	04/05/2004 18:43	
Methyl tert-butyl ether (MTBE)	ND	0.5	ug/L	04/05/2004 18:43	
Benzene	ND	0.5	ug/L	04/05/2004 18:43	
Toluene	ND	0.5	ug/L	04/05/2004 18:43	
Ethylbenzene	ND	0.5	ug/L	04/05/2004 18:43	
Total xylenes	ND	1.0	ug/L	04/05/2004 18:43	
Surrogates(s)					
1,2-Dichloroethane-d4	101.4	76-114	%	04/05/2004 18:43	
Toluene-d8	96.2	88-110	%	04/05/2004 18:43	

Gas/BTEX/MTBE by 8260B

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Project: 41050001FA20
Conoco Phillips # 5430

Received: 03/29/2004 17:26

Site: 1935 Washington Ave., San Leandro

Batch QC Report

Prep(s): 5030B

Test(s): 8260B

Laboratory Control Spike **Water** **QC Batch # 2004/04/03-1B.69**

LCS 2004/04/03-1B.69-056 Extracted: 04/03/2004 Analyzed: 04/03/2004 11:56
LCSD 2004/04/03-1B.69-015 Extracted: 04/03/2004 Analyzed: 04/03/2004 12:15

Compound	Conc. ug/L		Exp.Conc.	Recovery %		RPD	Ctrl.Limits %		Flags	
	LCS	LCSD		LCS	LCSD	%	Rec.	RPD	LCS	LCSD
Methyl tert-butyl ether (MTBE)	25.1	28.1	25	100.4	112.4	11.3	65-165	20		
Benzene	21.3	23.2	25	85.2	92.8	8.5	69-129	20		
Toluene	22.5	25.1	25	90.0	100.4	10.9	70-130	20		
Surrogates(s)										
1,2-Dichloroethane-d4	477	490	500	95.4	98.0		76-114			
Toluene-d8	489	471	500	97.8	94.2		88-110			

Gas/BTEX/MTBE by 8260B

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Project: 41050001FA20
Conoco Phillips # 5430

Received: 03/29/2004 17:26

Site: 1935 Washington Ave., San Leandro

Batch QC Report

Prep(s): 5030B

Test(s): 8260B

Laboratory Control Spike **Water** **QC Batch # 2004/04/05-2A.65**

LCS 2004/04/05-2A.65-057 Extracted: 04/05/2004 Analyzed: 04/05/2004 18:19
LCSD 2004/04/05-2A.65-019 Extracted: 04/05/2004 Analyzed: 04/05/2004 19:19

Compound	Conc. ug/L		Exp.Conc.	Recovery %		RPD	Ctrl.Limits %		Flags	
	LCS	LCSD		LCS	LCSD	%	Rec.	RPD	LCS	LCSD
Methyl tert-butyl ether (MTBE)	25.4	25.4	25	101.6	101.6	0.0	65-165	20		
Benzene	22.9	24.2	25	91.6	96.8	5.5	69-129	20		
Toluene	23.4	23.9	25	93.6	95.6	2.1	70-130	20		
Surrogates(s)										
1,2-Dichloroethane-d4	466	413	500	93.2	82.6		76-114			
Toluene-d8	503	462	500	100.6	92.4		88-110			

Gas/BTEX/MTBE by 8260B

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Project: 41050001FA20
Conoco Phillips # 5430

Received: 03/29/2004 17:26

Site: 1935 Washington Ave., San Leandro

Legend and Notes

Analysis Flag

o

Reporting limits were raised due to high level of analyte present in the sample.

Result Flag

sh

Surrogate recovery was higher than QC limit due to matrix interference.

SEVERN TRENT STL

Submission #: 2004-03-0915

Halogenated Volatile Organic Compounds by 8021B/8260B

TRC Alton Geoscience
Attn.: Anju Farfan

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Phone: (949) 341-7440 Fax: (949) 753-0111

Project: 41050001FA20
Conoco Phillips # 5430

Received: 03/29/2004 17:26

Site: 1935 Washington Ave., San Leandro

Samples Reported

Sample Name	Date Sampled	Matrix	Lab #
U-1	03/26/2004 09:15	Water	5
U-3	03/26/2004 08:59	Water	6
U-7	03/26/2004 07:42	Water	7

Halogenated Volatile Organic Compounds by 8021B/8260B

TRC Alton Geoscience

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Project: 41050001FA20
Conoco Phillips # 5430

Received: 03/29/2004 17:26

Site: 1935 Washington Ave., San Leandro

Prep(s): 5030B
Test(s): 8260B

Sample ID: **U-1**
Lab ID: 2004-03-0915 - 5

Sampled: 03/26/2004 09:15
Extracted: 4/7/2004 18:54

Matrix: Water
QC Batch#: 2004/04/07-1A.09

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Dichlorodifluoromethane	ND	1.0	ug/L	1.00	04/07/2004 18:54	
Vinyl chloride	ND	0.50	ug/L	1.00	04/07/2004 18:54	
Chloroethane	ND	1.0	ug/L	1.00	04/07/2004 18:54	
Trichlorofluoromethane	ND	1.0	ug/L	1.00	04/07/2004 18:54	
1,1-Dichloroethene	ND	0.50	ug/L	1.00	04/07/2004 18:54	
Methylene chloride	ND	5.0	ug/L	1.00	04/07/2004 18:54	
trans-1,2-Dichloroethene	ND	0.50	ug/L	1.00	04/07/2004 18:54	
cis-1,2-Dichloroethene	ND	0.50	ug/L	1.00	04/07/2004 18:54	
1,1-Dichloroethane	ND	0.50	ug/L	1.00	04/07/2004 18:54	
Chloroform	ND	0.50	ug/L	1.00	04/07/2004 18:54	
1,1,1-Trichloroethane	ND	0.50	ug/L	1.00	04/07/2004 18:54	
Carbon tetrachloride	ND	0.50	ug/L	1.00	04/07/2004 18:54	
1,2-Dichloroethane	1.6	0.50	ug/L	1.00	04/07/2004 18:54	
Trichloroethene	ND	0.50	ug/L	1.00	04/07/2004 18:54	
1,2-Dichloropropane	ND	0.50	ug/L	1.00	04/07/2004 18:54	
Bromodichloromethane	ND	0.50	ug/L	1.00	04/07/2004 18:54	
2-Chloroethylvinyl ether	ND	0.50	ug/L	1.00	04/07/2004 18:54	
trans-1,3-Dichloropropene	ND	0.50	ug/L	1.00	04/07/2004 18:54	
cis-1,3-Dichloropropene	ND	0.50	ug/L	1.00	04/07/2004 18:54	
1,1,2-Trichloroethane	ND	0.50	ug/L	1.00	04/07/2004 18:54	
Tetrachloroethene	ND	0.50	ug/L	1.00	04/07/2004 18:54	
Dibromochloromethane	ND	0.50	ug/L	1.00	04/07/2004 18:54	
Chlorobenzene	ND	0.50	ug/L	1.00	04/07/2004 18:54	
Bromoform	ND	2.0	ug/L	1.00	04/07/2004 18:54	
1,1,2,2-Tetrachloroethane	ND	0.50	ug/L	1.00	04/07/2004 18:54	
1,3-Dichlorobenzene	ND	0.50	ug/L	1.00	04/07/2004 18:54	
1,4-Dichlorobenzene	ND	0.50	ug/L	1.00	04/07/2004 18:54	
1,2-Dichlorobenzene	ND	0.50	ug/L	1.00	04/07/2004 18:54	
Trichlorotrifluoroethane	ND	0.50	ug/L	1.00	04/07/2004 18:54	

Halogenated Volatile Organic Compounds by 8021B/8260B

TRC Alton Geoscience
Attn.: Anju Farfan

21 Technology Drive
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Phone: (949) 341-7440 Fax: (949) 753-0111

Project: 41050001FA20
Conoco Phillips # 5430

Received: 03/29/2004 17:26

Site: 1935 Washington Ave., San Leandro

Prep(s): 5030B
Sample ID: **U-1**
Sampled: 03/26/2004 09:15
Matrix: Water

Test(s): 8260B
Lab ID: 2004-03-0915 - 5
Extracted: 4/7/2004 18:54
QC Batch#: 2004/04/07-1A.09

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Chloromethane	ND	1.0	ug/L	1.00	04/07/2004 18:54	
Bromomethane	ND	1.0	ug/L	1.00	04/07/2004 18:54	
Surrogate(s)						
4-Bromofluorobenzene	97.7	86-115	%	1.00	04/07/2004 18:54	
1,2-Dichloroethane-d4	99.5	76-114	%	1.00	04/07/2004 18:54	
Toluene-d8	107.6	88-110	%	1.00	04/07/2004 18:54	

SEVERN TRENT STL

Submission #: 2004-03-0915

Halogenated Volatile Organic Compounds by 8021B/8260B

TRC Alton Geoscience
Attn.: Anju Farfan

21 Technology Drive
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Phone: (949) 341-7440 Fax: (949) 753-0111

Project: 41050001FA20
Conoco Phillips # 5430

Received: 03/29/2004 17:26

Site: 1935 Washington Ave., San Leandro

Prep(s): 5030B
Test(s): 8260B
Sample ID: **U-3**
Lab ID: 2004-03-0915 - 6
Sampled: 03/26/2004 08:59
Extracted: 4/7/2004 19:20
Matrix: Water
QC Batch#: 2004/04/07-1A.09
Analysis Flag: Irn (See Legend and Note Section)

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Dichlorodifluoromethane	ND	10	ug/L	10.00	04/07/2004 19:20	
Vinyl chloride	ND	5.0	ug/L	10.00	04/07/2004 19:20	
Chloroethane	ND	10	ug/L	10.00	04/07/2004 19:20	
Trichlorofluoromethane	ND	10	ug/L	10.00	04/07/2004 19:20	
1,1-Dichloroethene	ND	5.0	ug/L	10.00	04/07/2004 19:20	
Methylene chloride	ND	50	ug/L	10.00	04/07/2004 19:20	
trans-1,2-Dichloroethene	ND	5.0	ug/L	10.00	04/07/2004 19:20	
cis-1,2-Dichloroethene	ND	5.0	ug/L	10.00	04/07/2004 19:20	
1,1-Dichloroethane	ND	5.0	ug/L	10.00	04/07/2004 19:20	
Chloroform	ND	5.0	ug/L	10.00	04/07/2004 19:20	
1,1,1-Trichloroethane	ND	5.0	ug/L	10.00	04/07/2004 19:20	
Carbon tetrachloride	ND	5.0	ug/L	10.00	04/07/2004 19:20	
1,2-Dichloroethane	ND	5.0	ug/L	10.00	04/07/2004 19:20	
Trichloroethene	ND	5.0	ug/L	10.00	04/07/2004 19:20	
1,2-Dichloropropane	ND	5.0	ug/L	10.00	04/07/2004 19:20	
Bromodichloromethane	ND	5.0	ug/L	10.00	04/07/2004 19:20	
2-Chloroethylvinyl ether	ND	5.0	ug/L	10.00	04/07/2004 19:20	
trans-1,3-Dichloropropene	ND	5.0	ug/L	10.00	04/07/2004 19:20	
cis-1,3-Dichloropropene	ND	5.0	ug/L	10.00	04/07/2004 19:20	
1,1,2-Trichloroethane	ND	5.0	ug/L	10.00	04/07/2004 19:20	
Tetrachloroethene	ND	5.0	ug/L	10.00	04/07/2004 19:20	
Dibromochloromethane	ND	5.0	ug/L	10.00	04/07/2004 19:20	
Chlorobenzene	ND	5.0	ug/L	10.00	04/07/2004 19:20	
Bromoform	ND	20	ug/L	10.00	04/07/2004 19:20	
1,1,2,2-Tetrachloroethane	ND	5.0	ug/L	10.00	04/07/2004 19:20	
1,3-Dichlorobenzene	ND	5.0	ug/L	10.00	04/07/2004 19:20	
1,4-Dichlorobenzene	ND	5.0	ug/L	10.00	04/07/2004 19:20	

Halogenated Volatile Organic Compounds by 8021B/8260B

TRC Alton Geoscience

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Phone: (949) 341-7440 Fax: (949) 753-0111

Project: 41050001FA20
Conoco Phillips # 5430

Received: 03/29/2004 17:26

Site: 1935 Washington Ave., San Leandro

Prep(s): 5030B
Test(s): 8260B

Sample ID: **U-3**
Lab ID: 2004-03-0915 - 6

Sampled: 03/26/2004 08:59
Extracted: 4/7/2004 19:20

Matrix: Water
QC Batch#: 2004/04/07-1A.09

Analysis Flag: Irn (See Legend and Note Section)

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
1,2-Dichlorobenzene	ND	5.0	ug/L	10.00	04/07/2004 19:20	
Trichlorotrifluoroethane	ND	5.0	ug/L	10.00	04/07/2004 19:20	
Chloromethane	ND	10	ug/L	10.00	04/07/2004 19:20	
Bromomethane	ND	10	ug/L	10.00	04/07/2004 19:20	
Surrogate(s)						
4-Bromofluorobenzene	92.7	86-115	%	10.00	04/07/2004 19:20	
1,2-Dichloroethane-d4	93.9	76-114	%	10.00	04/07/2004 19:20	
Toluene-d8	100.6	88-110	%	10.00	04/07/2004 19:20	

Halogenated Volatile Organic Compounds by 8021B/8260B

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Project: 41050001FA20
Conoco Phillips # 5430

Received: 03/29/2004 17:26

Site: 1935 Washington Ave., San Leandro

Prep(s):	5030B	Test(s):	8260B
Sample ID:	U-7	Lab ID:	2004-03-0915 - 7
Sampled:	03/26/2004 07:42	Extracted:	4/7/2004 19:46
Matrix:	Water	QC Batch#:	2004/04/07-1A.09

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Dichlorodifluoromethane	ND	1.0	ug/L	1.00	04/07/2004 19:46	
Vinyl chloride	ND	0.50	ug/L	1.00	04/07/2004 19:46	
Chloroethane	ND	1.0	ug/L	1.00	04/07/2004 19:46	
Trichlorofluoromethane	ND	1.0	ug/L	1.00	04/07/2004 19:46	
1,1-Dichloroethene	ND	0.50	ug/L	1.00	04/07/2004 19:46	
Methylene chloride	ND	5.0	ug/L	1.00	04/07/2004 19:46	
trans-1,2-Dichloroethene	ND	0.50	ug/L	1.00	04/07/2004 19:46	
cis-1,2-Dichloroethene	ND	0.50	ug/L	1.00	04/07/2004 19:46	
1,1-Dichloroethane	ND	0.50	ug/L	1.00	04/07/2004 19:46	
Chloroform	ND	0.50	ug/L	1.00	04/07/2004 19:46	
1,1,1-Trichloroethane	ND	0.50	ug/L	1.00	04/07/2004 19:46	
Carbon tetrachloride	ND	0.50	ug/L	1.00	04/07/2004 19:46	
1,2-Dichloroethane	ND	0.50	ug/L	1.00	04/07/2004 19:46	
Trichloroethene	ND	0.50	ug/L	1.00	04/07/2004 19:46	
1,2-Dichloropropane	ND	0.50	ug/L	1.00	04/07/2004 19:46	
Bromodichloromethane	ND	0.50	ug/L	1.00	04/07/2004 19:46	
2-Chloroethylvinyl ether	ND	0.50	ug/L	1.00	04/07/2004 19:46	
trans-1,3-Dichloropropene	ND	0.50	ug/L	1.00	04/07/2004 19:46	
cis-1,3-Dichloropropene	ND	0.50	ug/L	1.00	04/07/2004 19:46	
1,1,2-Trichloroethane	ND	0.50	ug/L	1.00	04/07/2004 19:46	
Tetrachloroethene	ND	0.50	ug/L	1.00	04/07/2004 19:46	
Dibromochloromethane	ND	0.50	ug/L	1.00	04/07/2004 19:46	
Chlorobenzene	ND	0.50	ug/L	1.00	04/07/2004 19:46	
Bromoform	ND	2.0	ug/L	1.00	04/07/2004 19:46	
1,1,2,2-Tetrachloroethane	ND	0.50	ug/L	1.00	04/07/2004 19:46	
1,3-Dichlorobenzene	ND	0.50	ug/L	1.00	04/07/2004 19:46	
1,4-Dichlorobenzene	ND	0.50	ug/L	1.00	04/07/2004 19:46	
1,2-Dichlorobenzene	ND	0.50	ug/L	1.00	04/07/2004 19:46	
Trichlorotrifluoroethane	ND	0.50	ug/L	1.00	04/07/2004 19:46	

Halogenated Volatile Organic Compounds by 8021B/8260B

TRC Alton Geoscience
Attn.: Anju Farfan

21 Technology Drive
Irvine, CA 92718
Phone: (949) 341-7440 Fax: (949) 753-0111

Project: 41050001FA20
Conoco Phillips # 5430

Received: 03/29/2004 17:26

Site: 1935 Washington Ave., San Leandro

Prep(s):	5030B	Test(s):	8260B
Sample ID:	**U-7**	Lab ID:	2004-03-0915 - 7
Sampled:	03/26/2004 07:42	Extracted:	4/7/2004 19:46
Matrix:	Water	QC Batch#:	2004/04/07-1A.09

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Chloromethane	ND	1.0	ug/L	1.00	04/07/2004 19:46	
Bromomethane	ND	1.0	ug/L	1.00	04/07/2004 19:46	
Surrogate(s)						
4-Bromofluorobenzene	93.3	86-115	%	1.00	04/07/2004 19:46	
1,2-Dichloroethane-d4	101.7	76-114	%	1.00	04/07/2004 19:46	
Toluene-d8	104.1	88-110	%	1.00	04/07/2004 19:46	

Halogenated Volatile Organic Compounds by 8021B/8260B

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Project: 41050001FA20
Conoco Phillips # 5430

Received: 03/29/2004 17:26

Site: 1935 Washington Ave., San Leandro

Batch QC Report

Prep(s): 5030B
Method Blank
MB: 2004/04/07-1A.09-004

Water

Test(s): 8260B
QC Batch # 2004/04/07-1A.09
Date Extracted: 04/07/2004 09:38

Compound	Conc.	RL	Unit	Analyzed	Flag
Bromodichloromethane	ND	0.5	ug/L	04/07/2004 09:38	
Bromoform	ND	2.0	ug/L	04/07/2004 09:38	
Bromomethane	ND	1.0	ug/L	04/07/2004 09:38	
Carbon tetrachloride	ND	0.5	ug/L	04/07/2004 09:38	
Chlorobenzene	ND	0.5	ug/L	04/07/2004 09:38	
Chloroethane	ND	1.0	ug/L	04/07/2004 09:38	
2-Chloroethylvinyl ether	ND	0.5	ug/L	04/07/2004 09:38	
Chloroform	ND	0.5	ug/L	04/07/2004 09:38	
Chloromethane	ND	1.0	ug/L	04/07/2004 09:38	
Dibromochloromethane	ND	0.5	ug/L	04/07/2004 09:38	
1,2-Dichlorobenzene	ND	0.5	ug/L	04/07/2004 09:38	
1,3-Dichlorobenzene	ND	0.5	ug/L	04/07/2004 09:38	
1,4-Dichlorobenzene	ND	0.5	ug/L	04/07/2004 09:38	
Dichlorodifluoromethane	ND	1.0	ug/L	04/07/2004 09:38	
1,1-Dichloroethane	ND	0.5	ug/L	04/07/2004 09:38	
1,2-Dichloroethane	ND	0.5	ug/L	04/07/2004 09:38	
1,1-Dichloroethene	ND	0.5	ug/L	04/07/2004 09:38	
cis-1,2-Dichloroethene	ND	0.5	ug/L	04/07/2004 09:38	
trans-1,2-Dichloroethene	ND	0.5	ug/L	04/07/2004 09:38	
1,2-Dichloropropane	ND	0.5	ug/L	04/07/2004 09:38	
cis-1,3-Dichloropropene	ND	0.5	ug/L	04/07/2004 09:38	
trans-1,3-Dichloropropene	ND	0.5	ug/L	04/07/2004 09:38	
Methylene chloride	ND	5.0	ug/L	04/07/2004 09:38	
1,1,2,2-Tetrachloroethane	ND	0.5	ug/L	04/07/2004 09:38	
Tetrachloroethene	ND	0.5	ug/L	04/07/2004 09:38	
1,1,1-Trichloroethane	ND	0.5	ug/L	04/07/2004 09:38	
1,1,2-Trichloroethane	ND	0.5	ug/L	04/07/2004 09:38	
Trichloroethene	ND	0.5	ug/L	04/07/2004 09:38	
Trichlorofluoromethane	ND	1.0	ug/L	04/07/2004 09:38	

Halogenated Volatile Organic Compounds by 8021B/8260B

TRC Alton Geoscience
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21 Technology Drive
Irvine, CA 92718
Phone: (949) 341-7440 Fax: (949) 753-0111

Project: 41050001FA20
Conoco Phillips # 5430

Received: 03/29/2004 17:26

Site: 1935 Washington Ave., San Leandro

Batch QC Report

Prep(s): 5030B — Test(s): 8260B

Method Blank — **Water** — **QC Batch # 2004/04/07-1A.09**

MB: 2004/04/07-1A.09-004 — Date Extracted: 04/07/2004 09:38

Compound	Conc.	RL	Unit	Analyzed	Flag
Trichlorotrifluoroethane	ND	0.5	ug/L	04/07/2004 09:38	
Vinyl chloride	ND	0.5	ug/L	04/07/2004 09:38	
Surrogates(s)					
4-Bromofluorobenzene	94.4	86-115	%	04/07/2004 09:38	
1,2-Dichloroethane-d4	89.3	76-114	%	04/07/2004 09:38	
Toluene-d8	100.6	88-110	%	04/07/2004 09:38	

Halogenated Volatile Organic Compounds by 8021B/8260B

TRC Alton Geoscience
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Project: 41050001FA20
Conoco Phillips # 5430

Received: 03/29/2004 17:26

Site: 1935 Washington Ave., San Leandro

Batch QC Report

Prep(s): 5030B

Test(s): 8260B

Laboratory Control Spike **Water** **QC Batch # 2004/04/07-1A.09**

LCS 2004/04/07-1A.09-002 Extracted: 04/07/2004 Analyzed: 04/07/2004 08:35
LCSD 2004/04/07-1A.09-005 Extracted: 04/07/2004 Analyzed: 04/07/2004 10:05

Compound	Conc. ug/L		Exp.Conc.	Recovery %		RPD	Ctrl.Limits %		Flags	
	LCS	LCSD		LCS	LCSD	%	Rec.	RPD	LCS	LCSD
Chlorobenzene	18.4	20.4	20	92.0	102.0	10.3	61-121	20		
1,1-Dichloroethene	15.3	14.4	20	76.5	72.0	6.1	65-125	20		
Trichloroethene	19.4	20.6	20	97.0	103.0	6.0	74-134	20		
Surrogates(s)										
4-Bromofluorobenzene	440	472	500	88.0	94.4		86-115			
1,2-Dichloroethane-d4	462	445	500	92.4	89.0		76-114			
Toluene-d8	502	504	500	100.4	100.8		88-110			

Halogenated Volatile Organic Compounds by 8021B/8260B

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Project: 41050001FA20
Conoco Phillips # 5430

Received: 03/29/2004 17:26

Site: 1935 Washington Ave., San Leandro

Legend and Notes

Analysis Flag

lm

Reporting limits raised due to high level of non-target analyte materials.

SEVERN TRENT STL

STL San Francisco

Sample Receipt Checklist

Submission #:2004- 03 - 0915

Checklist completed by: (initials) MV Date: 03 / 30 /04

Courier name: ☑ STL San Francisco ☐ Client _____

Custody seals intact on shipping container/samples	Yes____ No____	Not Present ✓
Chain of custody present?	Yes ✓ No____	
Chain of custody signed when relinquished and received?	Yes ✓ No____	
Chain of custody agrees with sample labels?	Yes ✓ No____	
Samples in proper container/bottle?	Yes ✓ No____	
Sample containers intact?	Yes ✓ No____	
Sufficient sample volume for indicated test?	Yes ✓ No____	
All samples received within holding time?	Yes ✓ No____	
Container/Temp Blank temperature in compliance (4^{o} C ± 2)?	Temp: 2.4 C Yes ✓ No____	
	Ice Present Yes ✓ No____	
Water - VOA vials have zero headspace?	No VOA vials submitted____ Yes ✓ No____	

(if bubble is present, refer to approximate bubble size and itemize in comments as **S** (small ~O), **M** (medium ~ O) or **L** (large ~ O)

Water - **pH acceptable upon receipt?** ☑ Yes ☐ No

☐ **pH adjusted**– Preservative used: ☐ HNO_3 ☐ HCl ☐ H_2SO_4 ☐ NaOH ☐ ZnOAc –**Lot #(s)** _____

For any item check-listed "No", provided detail of discrepancy in comment section below:

Comments: _____

Project Management [Routing for instruction of indicated discrepancy(ies)]

Project Manager: (initials) _____ Date: ____ / ____ /04

Client contacted: ☐ Yes ☐ No

Summary of discussion: _____

Corrective Action (per PM/Client): _____

ConocoPhillips Chain Of Custody Record

84304

STL-San Francisco

1220 Quarry Lane

Pleasanton, CA 94566

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

ConocoPhillips Site Manager:

INVOICE REMITTANCE ADDRESS:

2004-03-0915

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

ConocoPhillips Work Order Number

ConocoPhillips Cost Object

DATE: 3/26/04

PAGE: 1 of 1

SAMPLING COMPANY: TRC	Valid Value ID:	CONOCOPHILLIPS SITE NUMBER: 5430	GLOBAL ID NO.: N/A
ADDRESS: 21 Technology Drive, Irvine CA 92618		SITE ADDRESS (Street and City): 1935 WASHINGTON AVE	CONOCOPHILLIPS SITE MANAGER:
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
TELEPHONE: 949-341-7440 / FAX: 949-753-0111	E-MAIL: afarfan@trcsolutions.com		E-MAIL:
SAMPLER NAME(S) (Print): JACK / DAVE	CONSULTANT PROJECT NUMBER: 41050001/FA20		LAB USE ONLY

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 ☑

REQUESTED ANALYSES

FIELD NOTES:
Container/Preservative or PID Readings or Laboratory Notes

* Field Point name only required if different from Sample ID

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/MtBE	Lead ☐Total ☐STLC ☐TCLP	TPH(g) by 8260B	BTEX/MTBE by 8260B	MVOC's (8010 List) by 8021	TEMPERATURE ON RECEIPT C°
	U-2	3/26	0813	GW	3									X	X		
	U-4		0853														refrigerated
	U-5		0754														
	U-6		0811														
	U-1		0915		6											X	2.4 C
	U-3		0859													X	
	U-7		0742													X	
	U-6																

Relinquished by: (Signature)	Received by: (Signature)	Date: 3/29/04	Time: 1017
Relinquished by: (Signature) 3/29/04 1740	Received by: (Signature) J Mefford	Date: 3/29/04	Time: 1726
Relinquished by: (Signature)	Received by: (Signature)	Date:	Time:

9/19/03 Revision

STATEMENTS

Purge Water Transport and Disposal

Non-hazardous groundwater produced during purging and sampling 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 suspected of containing potentially hazardous material, such as liquid-phase hydrocarbons, was accumulated separately in a drum 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.