ConocoPhillips

76 Broadway
Sacramento, California 95818

RECEIVED
By lopprojectop at 9:28 am, May 08, 2006

April 28, 2006

Mr. Don Hwang
Alameda County Health Agency
1131 Harbor Bay Parkway
Alameda, California 94502

Re: **Report Transmittal**
Quarterly Report
First Quarter – 2006
76 Service Station # 5325
3220 Lakeshore Avenue
Oakland, CA

Dear Mr. Hwang:

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

If you have any questions or need additional information, please contact

Shelby S. Lathrop (Contractor)
ConocoPhillips
Risk Management & Remediation
76 Broadway
Sacramento, CA 95818
Phone: 916-558-7609
Fax: 916-558-7639

Sincerely,

Thomas Kosel
Risk Management & Remediation

Attachment

TRC
Customer-Focused Solutions

April 28, 2006

TRC Project No. 42013708

RECEIVED
By lopprojectop at 9:28 am, May 08, 2006

Mr. Don Hwang
Hazardous Materials Specialist
Alameda County Health Care Services
1131 Harbor Bay Parkway
Alameda, CA 94502-6577

RE: Quarterly Status Report - First Quarter 2006
76 Service Station #5325
3220 Lakeshore Avenue, Oakland, California
Alameda County

Dear Mr. Hwang:

On behalf of ConocoPhillips Company (ConocoPhillips), TRC is submitting the First Quarter 2006 Status Report for the subject site, an operating ConocoPhillips (76) Service Station located on the southeast corner of the intersection of Lakeshore Avenue and Lake Park Avenue in Oakland, California. The site is bounded to the north by Lakeshore Avenue, to the west and southwest by Lake Park Avenue, to the southeast by a supermarket parking lot, and to the east by a pharmacy. Current site facilities consist of the service station building with three service bays, three product dispenser islands, and two 12,000-gallon double-wall fiberglass gasoline underground storage tanks (USTs).

PREVIOUS ASSESSMENTS

May 1990: Three exploratory soil borings (U-A, U-B, and U-C) were advanced adjacent to the UST complex to depths ranging from 10 to 12.5 feet below ground surface (bgs). Soil samples were analyzed for total petroleum hydrocarbons as gasoline (TPH-g) and benzene, toluene, ethylbenzene, and xylenes (BTEX). The samples contained TPH-g concentrations ranging from 2 to 7,500 parts per million (ppm) and benzene concentrations ranging from 0.14 to 13 ppm (GSI, June, 1990).

June 1990: Two 10,000-gallon gasoline USTs, one 550-gallon waste oil UST, and related product dispensers were replaced. Soil samples from the UST excavation sidewalls and bottom and product line trenches were reported to contain TPH-g and benzene at concentrations ranging from 12 to 2,800 ppm and 0.008 to 11 ppm, respectively. Approximately 250 cubic yards of soil and backfill material were aerated onsite to reduce concentrations to below 100 ppm TPH-g, then transported to an appropriate soil disposal facility. Groundwater was encountered at approximately 7.5 feet bgs (GSI, August, 1990).

1590 Solano Way, Suite A • Concord, California 94520
Telephone 925-688-1200 • Fax 925-688-0388

September 1990: Monitoring wells U-1, U-2, and U-3 were installed. TPH-g was detected in soil samples collected from the capillary fringe in well borings U-1 and U-2 at levels of 110 and 480 ppm, respectively. Benzene was detected in the soil sample from well boring U-1 at a level of 4.5 ppm. Petroleum hydrocarbons were not detected in soil or groundwater samples from U-3. Groundwater samples collected from wells U-1 and U-2 were reported to contain 690 and 38 parts per billion (ppb) TPH-g and 780 and 27 ppb benzene, respectively (GSI, December, 1990).

June 1990: Monitoring wells U-4, U-5, and U-6 were installed. TPH-g and benzene were detected in the capillary fringe soil sample collected from boring U-5 at levels of 400 ppm and 1.9 ppm, respectively. TPH-g and benzene were not detected in soil samples collected from borings U-4 and U-6. Groundwater levels stabilized at depths between 8.8 and 9.2 feet bgs (GSI, August, 1994).

November 1996: One 550-gallon waste oil UST was removed and the product lines and dispensers were replaced. A soil sample collected from the sidewall of the waste oil UST excavation contained 1.5 ppm total petroleum hydrocarbons as diesel (TPH-d) and 78 ppm total oil and grease (TOG). TPH-g, benzene, methyl tertiary butyl ether (MTBE), halogenated volatile organic compounds (HVOCs), and semivolatile organic compounds (SVOCs) were not detected. Product line trench excavation and over excavation samples were reported to contain petroleum hydrocarbon levels ranging from non-detect to 880 ppm TPH-g, non-detect to 3.6 ppm benzene, and non-detect to 23 ppm MTBE. Approximately 276 tons of excavated soil was transported to an appropriate disposal facility (GSI, January, 1997).

October 2003: Site environmental consulting responsibilities were transferred to TRC.

SENSITIVE RECEPTORS

Lake Merritt is located approximately 0.3 miles down gradient. No domestic wells are located within a one mile radius of the site.

MONITORING AND SAMPLING

Currently, five onsite wells and one offsite well are monitored quarterly. All six wells were gauged and sampled this quarter. The groundwater flow direction is toward the northwest at a calculated hydraulic gradient of 0.025 feet per foot.

CHARACTERIZATION STATUS

Total purgeable petroleum hydrocarbons (TPPH) were detected in three of six wells sampled at a maximum concentration of 29,000 micrograms per liter (µg/l) in onsite monitoring well U-1. Benzene was detected in one of the six wells sampled at a maximum concentration of 31 µg/l in onsite monitoring well U-2. Methyl tertiary butyl ether (MTBE) was detected in four of the six wells sampled at a maximum concentration of 1,400 µg/l in onsite monitoring well U-2.

REMEDIATION STATUS

Remediation is not currently being conducted at the site. However, ozone sparge pilot testing will be conducted during the second quarter 2006.

RECENT CORRESPONDENCE

January 20, 2006: The ACHCS approved the November 17, 2005 Work Plan for Ozone Sparge Pilot Study with a Technical Report Request date of March 17, 2006. The deadline for submittal of the Ozone Pilot Test Report will require extension to allow for six months (two quarters) of post-remedial monitoring following completion of the ozone injection period.

CURRENT QUARTER ACTIVITIES

March 27, 2006: TRC performed groundwater monitoring and sampling. Wastewater generated from well purging and equipment cleaning was stored at TRC's groundwater monitoring facility in Concord, California, and transported by Onyx to the ConocoPhillips Refinery in Rodeo, California, for treatment and disposal.

April 10 – 12, 2006: TRC installed three ozone sparge wells onsite in the immediate vicinity of well U-2. The sparge wells will be utilized for the ozone sparge pilot study as outlined in the approved November 17, 2005 work plan.

CONCLUSIONS AND RECOMMENDATIONS

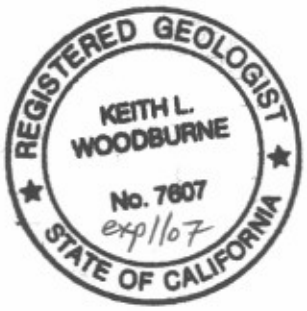
TRC will implement the ozone sparge pilot test as soon as a P-100 mobile ozone unit becomes available from the vendor. TRC has requested an extension for submittal of the pilot test report with a proposed definitive due date to be determined based on earliest available date for delivery of the P-100 mobile unit and subsequent completion of field work.

In addition, TRC will evaluate access issues related to potential proposed offsite boring/well locations for additional groundwater assessment, and conduct a file review of the former Shell Station previously located on Rand Avenue, across Lakeshore Avenue from the site, to evaluate potential soil and groundwater impacts related to the former Shell Station.

TRC recommends continuing quarterly monitoring and sampling to assess plume stability and concentration trends at key wells to monitor the progress of remediation.

If you have any questions regarding this report, please call me at (925) 688-2488.

Sincerely,
TRC

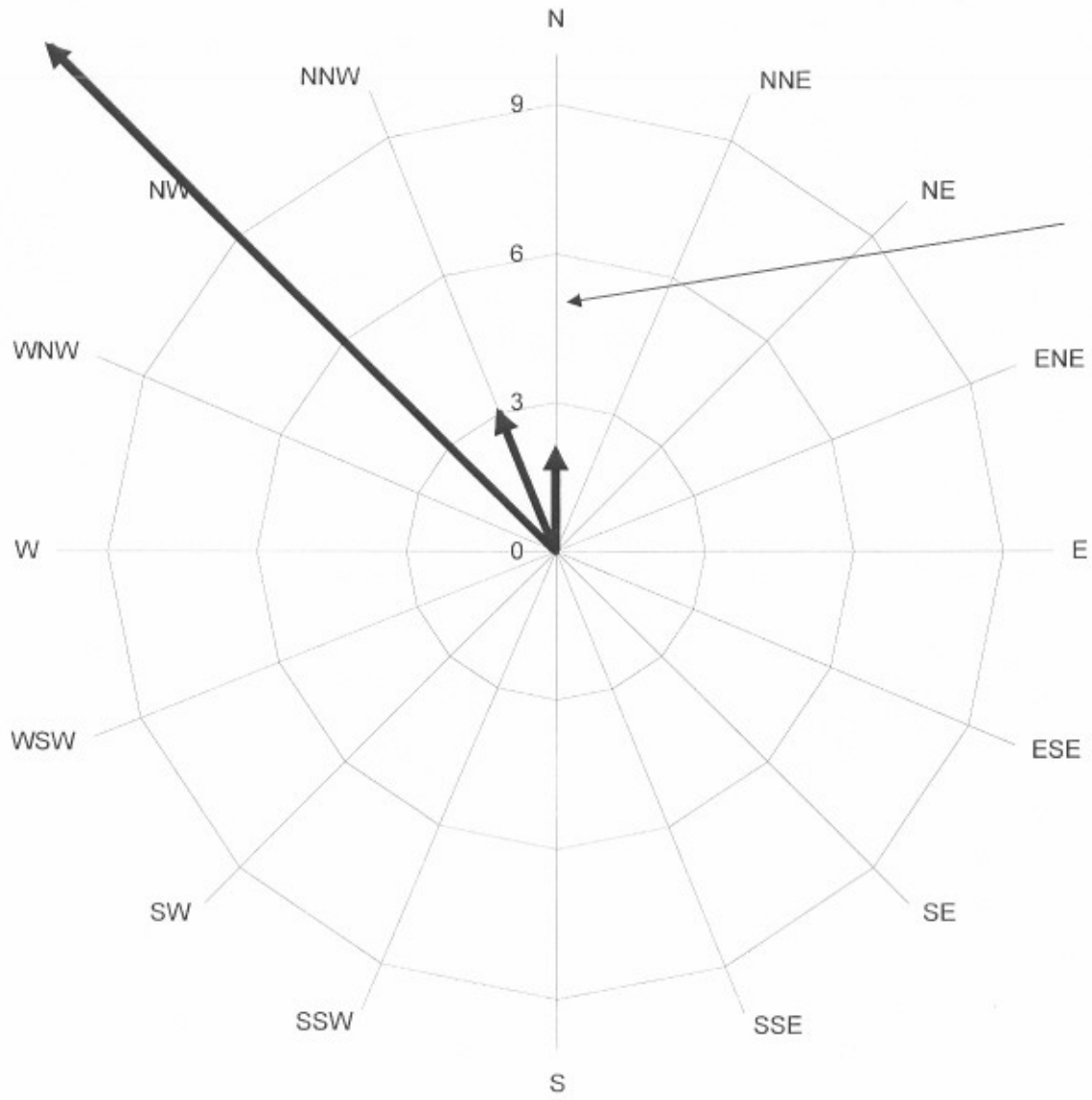


Keith Woodburne, P.G.
Senior Project Geologist

Attachment:
Quarterly Monitoring Report, January through March 2006 (TRC, April, 19, 2006)
Historical Groundwater Flow Directions – March 2000 through December 2005

cc: Shelby Lathrop, ConocoPhillips (electronic upload only)

Historical Groundwater Flow Directions
for Tosco (76) Service Station No. 5325
March 2000 through December 2005



Number of monitoring events in which groundwater was reported to flow in a particular direction.

TRC

TRC

April 19, 2006

ConocoPhillips Company
76 Broadway
Sacramento, CA 95818

ATTN: MS. SHELBY LATHROP

SITE: 76 STATION 5325
3220 LAKESHORE AVENUE
OAKLAND, CALIFORNIA

RE: QUARTERLY MONITORING REPORT
JANUARY THROUGH MARCH 2006

Dear Ms. Lathrop:

Please find enclosed our Quarterly Monitoring Report for 76 Station 5325, located at 3220 Lakeshore Avenue, Oakland, 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. Keith Woodburne, TRC (2 copies)

Enclosures
20-0400/5325R010.QMS

21 Technology Drive • Irvine, California 92618
Main: 949-727-9336 • Fax: 949-727-7399
www.trcsolutions.com

TRC

QUARTERLY MONITORING REPORT
JANUARY THROUGH MARCH 2006

76 STATION 5325
3200 Lakeshore Avenue
Oakland, California

Prepared For:

Ms. Shelby Lathrop
CONOCOPHILLIPS COMPANY
76 Broadway
Sacramento, California 95818

By:

Senior Project Geologist, Irvine Operations
April 18, 2006

21 Technology Drive • Irvine, California 92618
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LIST OF ATTACHMENTS	
Summary Sheet	Summary of Gauging and Sampling Activities
Tables	Table Key Contents of Tables Table 1: Current Fluid Levels and Selected Analytical Results Table 1a: Additional Current Analytical Results Table 2: Historic Fluid Levels and Selected Analytical Results Table 2a: Additional Historic Analytical Results Table 2b: Additional Historic Analytical 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	Groundwater Elevations vs. Time Benzene Concentrations vs. Time
Field Activities	General Field Procedures Field Monitoring Data Sheet – 3/27/06 Groundwater Sampling Field Notes – 3/27/06
Laboratory Reports	Official Laboratory Reports Quality Control Reports Chain of Custody Records
Statements	Purge Water Disposal Limitations

Summary of Gauging and Sampling Activities
January 2006 through March 2006
76 Station 5325
3220 Lakeshore Avenue
Oakland, CA

Project Coordinator: **Shelby Lathrop**
Telephone: **916-558-7609**
Water Sampling Contractor: ***TRC***
Compiled by: **Daniel Lee**
Date(s) of Gauging/Sampling Event: **03/27/06**

Sample Points

Groundwater wells: **5** onsite, **1** offsite Wells gauged: **6** Wells sampled: **6**
Purging method: **Diaphragm pump**
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: **5.31 feet** Maximum: **10.16 feet**
Average groundwater elevation (relative to available local datum): **1.82 feet**
Average change in groundwater elevation since previous event: **1.19 feet**
Interpreted groundwater gradient and flow direction:
Current event: **0.025 ft/ft, northwest**
Previous event: **0.04 ft/ft, northwest (12/29/05)**

Selected Laboratory Results

Wells with detected **Benzene:** **1** Wells above MCL (1.0 µg/l): **1**
Maximum reported benzene concentration: **31 µg/l (U-2)**

Wells with **TPPH 8260B** **3** Maximum: **29,000 µg/l (U-1)**
Wells with **MTBE** **4** Maximum: **1,400 µg/l (U-2)**

Notes:

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

TABLES

TABLE KEY

STANDARD ABBREVIATIONS

--	=	not analyzed, measured, or collected
LPH	=	liquid-phase hydrocarbons
Trace	=	less than 0.01 foot of LPH in well
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 5325 in October 2003. Historical data compiled prior to that time were provided by Gettler-Ryan Inc.

Contents of Tables
Site: 76 Station 5325

Current Event

Table 1	Well/ Date	Depth to Water	LPH Thickness	Ground-water Elevation	Change in Elevation	TPH-G (8015M)	TPPH (8260)	Benzene	Toluene	Ethyl-benzene	Total Xylenes	MTBE (8021B)	MTBE (8260B)		Comments	
Table 1a	Well/ Date	Ethanol (8260B)	Iron Ferrous	Nitrate	Phosphate (ortho)	Pre-purge Dissolved Oxygen	Pre-purge ORP									

Historic Data

Table 2	Well/ Date	Depth to Water	LPH Thickness	Ground-water Elevation	Change in Elevation	TPH-G (8015M)	TPPH (8260)	Benzene	Toluene	Ethyl-benzene	Total Xylenes	MTBE (8021B)	MTBE (8260B)		Comments	
Table 2a	Well/ Date	TBA	Ethanol (8260B)	Ethylene-dibromide (EDB)	1,2-DCA (EDC)	DIPE	ETBE	TAME	Acenaph-thylene	Iron Ferrous	Nitrate	Phosphate (ortho)	Phosphate (total)	Redox Potential (ORP-Lab)	Post-purge Dissolved Oxygen	Pre-purge Dissolved Oxygen
Table 2b	Well/ Date	Pre-purge ORP	Post-purge ORP													

Table 1

CURRENT FLUID LEVELS AND SELECTED ANALYTICAL RESULTS

March 27, 2006

76 Station 5325

Date Sampled	TOC Elevation (feet)	Depth to Water (feet)	LPH Thickness (feet)	Ground-water Elevation (feet)	Change in Elevation (feet)	TPH-G (8015M) (µg/l)	TPPH (8260) (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: 5.0-20.0)**												
03/27/06	8.46	7.20	0.00	1.26	1.38	--	29000	ND<25	ND<25	1500	4900	--	300	
U-2		**(Screen Interval in feet: 5.0-20.0)**												
03/27/06	7.62	5.31	0.00	2.31	1.92	--	2400	31	0.73	120	15	--	1400	
U-3		**(Screen Interval in feet: 5.0-20.0)**												
03/27/06	10.98	10.16	0.00	0.82	0.25	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<0.50	
U-4		**(Screen Interval in feet: 5.0-20.0)**												
03/27/06	11.15	6.27	0.00	4.88	0.86	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<0.50	
U-5		**(Screen Interval in feet: 5.0-20.0)**												
03/27/06	6.98	6.29	0.00	0.69	1.24	--	450	ND<0.50	ND<0.50	8.3	ND<1.0	--	70	
U-6		**(Screen Interval in feet: 5.0-24.0)**												
03/27/06	7.14	6.16	0.00	0.98	1.47	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	8.1	

Table 1 a
ADDITIONAL CURRENT ANALYTICAL RESULTS
76 Station 5325

Date Sampled	Ethanol (8260B)	Iron Ferrou	Nitrate	Phosphate (ortho)	Pre-purge Dissolved Oxygen	Pre-purge ORP
	(µg/l)	(µg/l)	(mg/l)	(mg/l)	(mg/l)	(mV)
U-1						
03/27/06	ND<12000	8500	ND<0.10	ND<0.050	1.95	-667
U-2						
03/27/06	ND<250	1100	ND<0.10	ND<0.050	0.95	-1334
U-3						
03/27/06	ND<250	ND<100	4.5	0.66	2.67	-1588
U-4						
03/27/06	ND<250	ND<100	6.4	0.41	5.51	-1000
U-5						
03/27/06	ND<250	6300	ND<0.50	ND<0.050	2.69	-585
U-6						
03/27/06	ND<250	8800	0.37	0.19	1.33	-953

Table 2

HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS

August 1990 Through March 2006

76 Station 5325

Date Sampled	TOC Elevation (feet)	Depth to Water (feet)	LPH Thickness (feet)	Ground-water Elevation (feet)	Change in Elevation (feet)	TPH-G (8015M) (µg/l)	TPPH (8260) (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: 5.0-20.0)**													
08/10/90	--	--	--	--	--	690	--	38	75	8.6	130	--	--	
01/07/91	--	--	--	--	--	250	--	22	16	4.2	17	--	--	
04/01/91	--	--	--	--	--	160	--	13	8.6	1.0	15	--	--	
07/03/91	--	--	--	--	--	140	--	21	4.3	0.36	17	--	--	
10/09/91	--	--	--	--	--	ND	--	ND	ND	ND	ND	--	--	
02/12/92	--	--	--	--	--	250	--	ND	ND	ND	ND	--	--	
05/05/92	--	--	--	--	--	230	--	1.2	ND	ND	ND	--	--	
06/11/92	--	--	--	--	--	1000	--	80	1.4	6.7	41	--	--	
08/20/92	--	--	--	--	--	400	--	1.0	ND	ND	0.6	--	--	
02/22/93	--	--	--	--	--	34000	--	1400	5500	910	7300	--	--	
05/07/93	--	--	--	--	--	8700	--	600	240	650	3300	--	--	
08/08/93	--	--	--	--	--	4900	--	79	ND	832	270	--	--	
11/16/93	5.32	8.61	0.00	-3.29	--	690	--	ND	ND	ND	ND	--	--	
02/16/94	5.32	8.54	0.00	-3.22	0.07	6800	--	ND	ND	ND	ND	--	--	
06/22/94	8.46	8.39	0.00	0.07	3.29	200	--	ND	ND	5.9	21	--	--	
09/22/94	8.46	8.66	0.00	-0.20	-0.27	6100	--	ND	ND	ND	ND	--	--	
12/24/94	8.46	8.04	0.00	0.42	0.62	50000	--	2500	9700	2400	17000	--	--	
03/25/95	8.46	7.72	0.37	1.02	0.60	--	--	--	--	--	--	--	--	Not sampled due to LPH in well
06/21/95	8.46	9.30	0.20	-0.69	-1.71	--	--	--	--	--	--	--	--	Not sampled due to LPH in well
09/19/95	8.46	9.29	0.40	-0.53	0.16	--	--	--	--	--	--	--	--	Not sampled due to LPH in well
12/19/95	8.46	8.98	0.03	-0.50	0.03	--	--	--	--	--	--	--	--	Not sampled due to LPH in well

Table 2

HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS

August 1990 Through March 2006

76 Station 5325

Date Sampled	TOC Elevation (feet)	Depth to Water (feet)	LPH Thickness (feet)	Ground-water Elevation (feet)	Change in Elevation (feet)	TPH-G (8015M) (µg/l)	TPPH (8260) (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														
03/18/96	8.46	8.25	0.00	0.21	0.71	27000	--	ND	2300	1400	11000	4900	--	
06/27/96	8.46	7.92	0.00	0.54	0.33	120000	--	540	4300	2600	26000	ND	--	
09/26/96	8.46	9.10	0.02	-0.63	-1.17	--	--	--	--	--	--	--	--	Not sampled due to LPH in well
12/09/96	8.46	6.88	0.03	1.60	2.23	--	--	--	--	--	--	--	--	Not sampled due to LPH in well
03/14/97	8.46	9.02	0.55	-0.15	-1.75	--	--	--	--	--	--	--	--	Not sampled due to LPH in well
06/30/97	8.46	8.41	0.02	0.07	0.21	--	--	--	--	--	--	--	--	Not sampled due to LPH in well
09/19/97	8.46	8.56	0.02	-0.09	-0.15	--	--	--	--	--	--	--	--	Not sampled due to LPH in well
12/12/97	8.46	8.58	0.01	-0.11	-0.03	--	--	--	--	--	--	--	--	Not sampled due to LPH in well
03/03/98	8.46	8.23	0.04	0.26	0.37	--	--	--	--	--	--	--	--	Not sampled due to LPH in well
06/15/98	8.46	8.37	0.00	0.09	-0.17	52000	--	ND	900	1800	13000	ND	--	Sheen
09/30/98	8.46	8.94	0.00	-0.48	-0.57	1000000	--	ND	2600	13000	83000	4800	--	Sheen
12/28/98	8.46	8.57	0.00	-0.11	0.37	1100000	--	ND	1600	8600	71000	5700	--	
03/22/99	8.46	8.18	0.00	0.28	0.39	130000	--	470	1100	2000	28000	5700	--	Sheen
06/09/99	8.46	9.37	0.00	-0.91	-1.19	40000	--	230	640	590	13000	3500	2100	
09/08/99	8.46	9.53	0.00	-1.07	-0.16	55000	--	217	202	745	14300	6890	6690	
12/07/99	8.46	9.67	0.00	-1.21	-0.14	41200	--	89.3	ND	385	6930	15800	14700	
03/13/00	8.46	8.44	0.00	0.02	1.23	48000	--	490	610	2400	10000	22000	23000	
06/21/00	8.46	9.45	0.00	-0.99	-1.01	37000	--	200	ND	1200	7200	15000	20000	
09/27/00	8.46	9.29	0.00	-0.83	0.16	15000	--	92	ND	540	2800	74000	83000	

Table 2

HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS

August 1990 Through March 2006

76 Station 5325

Date Sampled	TOC Elevation (feet)	Depth to Water (feet)	LPH Thickness (feet)	Ground-water Elevation (feet)	Change in Elevation (feet)	TPH-G (8015M) (µg/l)	TPPH (8260) (µg/l)	Benzene (µg/l)	Toluene (µg/l)	Ethyl-benzene (µg/l)	Total Xylenes (µg/l)	MTBE (8021B) (µg/l)	MTBE (8260B) (µg/l)	Comments
U-1 continued														
12/12/00	8.46	9.37	0.00	-0.91	-0.08	50000	--	ND	ND	250	1900	12000	15000	
03/07/01	8.46	8.45	0.00	0.01	0.92	6220	--	29.8	10.4	96.3	638	11200	11800	
06/06/01	8.46	9.29	0.00	-0.83	-0.84	5200	--	17	ND	69	420	6500	8700	
09/24/01	8.46	9.39	0.00	-0.93	-0.10	4300	--	36	ND<25	65	590	4400	4400	
12/10/01	8.46	9.17	0.00	-0.71	0.22	11000	--	220	ND<100	380	1500	5100	5100	
03/11/02	8.46	9.44	0.00	-0.98	-0.27	5500	--	28	ND<20	360	690	6400	6300	
06/04/02	8.46	8.32	0.00	0.14	1.12	4600	--	31	ND<10	240	180	6500	--	
09/03/02	8.46	9.36	0.00	-0.90	-1.04	2300	--	ND<12	ND<12	ND<12	68	3500	4700	
12/03/02	8.46	8.18	0.00	0.28	1.18	--	ND<5000	ND<50	ND<50	ND<50	<100	--	4700	
03/04/03	8.46	8.29	0.00	0.17	-0.11	--	8900	26	ND<25	400	130	--	5500	
06/18/03	8.46	7.58	0.00	0.88	0.71	--	8300	ND<25	ND<25	ND<25	ND<50	--	10000	
09/24/03	8.46	8.18	0.00	0.28	-0.60	--	ND<10000	ND<100	ND<100	ND<100	ND<200	--	11000	
12/02/03	8.46	8.90	0.00	-0.44	-0.72	--	ND<10000	ND<100	ND<100	ND<100	ND<200	--	11000	
03/30/04	8.46	8.38	0.00	0.08	0.52	--	12000	ND<100	ND<100	190	ND<200	--	13000	
06/07/04	8.46	10.35	0.00	-1.89	-1.97	--	13000	ND<100	ND<100	ND<100	ND<200	--	12000	
09/09/04	8.46	--	--	--	--	--	--	--	--	--	--	--	--	Dry well
12/20/04	8.46	9.00	0.00	-0.54	--	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	8.2	
03/28/05	8.46	8.10	0.00	0.36	0.90	--	37000	ND<10	ND<10	1500	5300	--	460	
06/14/05	8.46	8.91	0.00	-0.45	-0.81	--	3900	ND<0.50	ND<0.50	48	68	--	60	
09/28/05	8.46	11.35	0.00	-2.89	-2.44	--	560	ND<0.50	0.60	3.0	26	--	18	
12/29/05	8.46	8.58	0.00	-0.12	2.77	--	510	0.77	ND<0.50	27	63	--	62	
03/27/06	8.46	7.20	0.00	1.26	1.38	--	29000	ND<25	ND<25	1500	4900	--	300	
U-2	**(Screen Interval in feet: 5.0-20.0)**													
08/10/90	--	--	--	--	--	780	--	27	46	15	130	--	--	

Table 2

HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS

August 1990 Through March 2006

76 Station 5325

Date Sampled	TOC Elevation (feet)	Depth to Water (feet)	LPH Thickness (feet)	Ground-water Elevation (feet)	Change in Elevation (feet)	TPH-G (8015M) (µg/l)	TPPH (8260) (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														
01/07/91	--	--	--	--	--	1900	--	67	5.8	58	69	--	--	
04/01/91	--	--	--	--	--	1700	--	250	89	34	190	--	--	
07/03/91	--	--	--	--	--	2100	--	150	25	3.1	290	--	--	
10/09/91	--	--	--	--	--	230	--	7.1	ND	ND	11	--	--	
02/12/92	--	--	--	--	--	410	--	1.9	ND	0.36	0.4	--	--	
05/05/92	--	--	--	--	--	1600	--	120	52	6.2	290	--	--	
06/11/92	--	--	--	--	--	620	--	17	2.1	ND	37	--	--	
08/20/92	--	--	--	--	--	700	--	28	6.5	1.3	4.6	--	--	
02/22/93	--	--	--	--	--	3400	--	2400	2100	1200	5800	--	--	
05/07/93	--	--	--	--	--	17000	--	1800	660	1700	4000	--	--	
08/08/93	--	--	--	--	--	5600	--	420	ND	410	670	--	--	
11/16/93	4.53	8.17	0.00	-3.64	--	510	--	ND	ND	ND	ND	--	--	
02/16/94	4.53	7.73	0.00	-3.20	0.44	980	--	49	13	2.7	40	--	--	
06/22/94	7.62	7.60	0.00	0.02	3.22	31000	--	2200	62	1500	3500	--	--	
09/22/94	7.62	7.93	0.00	-0.31	-0.33	8500	--	29	ND	ND	ND	--	--	
12/24/94	7.62	7.27	0.00	0.35	0.66	32000	--	1500	890	1300	5000	--	--	
03/25/95	7.62	7.01	0.00	0.61	0.26	170000	--	1900	21000	4800	33000	--	--	
06/21/95	7.62	6.98	0.00	0.64	0.03	16000	--	2100	ND	1800	1700	--	--	
09/19/95	7.62	7.70	0.00	-0.08	-0.72	3000	--	610	ND	78	240	--	--	
12/19/95	7.62	7.30	0.00	0.32	0.40	1600	--	140	55	52	270	--	--	
03/18/96	7.62	6.45	0.00	1.17	0.85	12000	--	2200	ND	1200	2200	22000	--	
06/27/96	7.62	7.41	0.00	0.21	-0.96	28000	--	3400	ND	2800	3100	3000	--	
09/26/96	7.62	7.90	0.00	-0.28	-0.49	5900	--	750	ND	ND	ND	18000	--	
12/09/96	7.62	6.76	0.00	0.86	1.14	13000	--	5100	290	980	370	2700	--	

Table 2

HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS

August 1990 Through March 2006

76 Station 5325

Date Sampled	TOC Elevation (feet)	Depth to Water (feet)	LPH Thickness (feet)	Ground-water Elevation (feet)	Change in Elevation (feet)	TPH-G (8015M) (µg/l)	TPPH (8260) (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														
03/14/97	7.62	7.12	0.03	0.52	-0.34	--	--	--	--	--	--	--	--	Not sampled due to LPH in well
06/30/97	7.62	6.19	0.00	1.43	0.91	--	--	--	--	--	--	--	--	Not sampled due to LPH in well
09/19/97	7.62	7.31	0.00	0.31	-1.12	--	--	--	--	--	--	--	--	Not sampled due to LPH in well
12/12/97	7.62	6.75	0.00	0.87	0.56	--	--	--	--	--	--	--	--	Not sampled due to LPH in well
03/03/98	7.62	6.36	0.00	1.26	0.39	80000	--	3000	1100	820	16000	16000	--	Sheen
06/15/98	7.62	6.51	0.00	1.11	-0.15	48000	--	1800	330	470	7900	20000	--	Sheen
09/30/98	7.62	7.17	0.00	0.45	-0.66	60000	--	1300	ND	500	9700	19000	--	Sheen
12/28/98	7.62	7.06	0.00	0.56	0.11	63000	--	590	160	320	5600	16000	--	
03/22/99	7.62	6.82	0.00	0.80	0.24	28000	--	1100	ND	360	2900	25000	--	
06/09/99	7.62	7.51	0.00	0.11	-0.69	21000	--	110	190	310	2600	7900	7800	
09/08/99	7.62	8.16	0.00	-0.54	-0.65	23300	--	477	138	286	4110	16400	15300	
12/07/99	7.62	8.31	0.00	-0.69	-0.15	4840	--	17.2	ND	ND	157	14900	15600	
03/13/00	7.62	6.69	0.00	0.93	1.62	11000	--	380	160	ND	2100	22000	26000	
06/21/00	7.62	7.67	0.00	-0.05	-0.98	9100	--	22	ND	ND	800	16000	22000	
09/27/00	7.62	7.44	0.00	0.18	0.23	2900	--	43	ND	ND	39	20000	26000	
12/12/00	7.62	7.51	0.00	0.11	-0.07	3600	--	17	ND	ND	87	8000	7800	
03/07/01	7.62	7.15	0.00	0.47	0.36	1670	--	51.0	ND	7.20	19.5	5930	7900	
06/06/01	7.62	7.57	0.00	0.05	-0.42	1100	--	14	ND	9.3	35	9200	10000	
09/24/01	7.62	7.63	0.00	-0.01	-0.06	1000	--	25	ND<2.5	12	100	9800	11000	
12/10/01	7.62	6.78	0.00	0.84	0.85	83	--	14	0.55	3.4	6.8	2500	2500	
03/11/02	7.62	7.12	0.00	0.50	-0.34	ND<1000	--	28	ND<10	40	31	11000	11000	

Table 2

HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS

August 1990 Through March 2006

76 Station 5325

Date Sampled	TOC Elevation (feet)	Depth to Water (feet)	LPH Thickness (feet)	Ground-water Elevation (feet)	Change in Elevation (feet)	TPH-G (8015M) (µg/l)	TPPH (8260) (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														
06/04/02	7.62	7.18	0.00	0.44	-0.06	7700	--	32	ND<25	33	48	14000	--	
09/03/02	7.62	7.58	0.00	0.04	-0.40	5200	--	ND<25	ND<25	ND<25	ND<25	11000	15000	
12/03/02	7.62	7.68	0.00	-0.06	-0.10	--	ND<5000	ND<50	ND<50	ND<50	ND<100	--	3200	
03/04/03	7.62	7.77	0.00	-0.15	-0.09	--	8100	ND<50	ND<50	ND<50	ND<100	--	7800	
06/18/03	7.62	6.87	0.00	0.75	0.90	--	11000	ND<50	ND<50	ND<50	ND<100	--	16000	
09/24/03	7.62	7.49	0.00	0.13	-0.62	--	ND<10000	ND<100	ND<100	ND<100	ND<200	--	10000	
12/02/03	7.62	7.95	0.00	-0.33	-0.46	--	ND<10000	ND<100	ND<100	ND<100	ND<200	--	10000	
03/30/04	7.62	7.07	0.00	0.55	0.88	--	12000	ND<100	ND<100	ND<100	ND<200	--	11000	
06/07/04	7.62	7.75	0.00	-0.13	-0.68	--	14000	ND<100	ND<100	ND<100	ND<200	--	13000	
09/09/04	7.62	8.65	0.00	-1.03	-0.90	--	ND<10000	ND<100	ND<100	ND<100	ND<200	--	9500	
12/20/04	7.62	7.73	0.00	-0.11	0.92	--	ND<5000	ND<50	ND<50	ND<50	ND<100	--	11000	
03/28/05	7.62	6.24	0.00	1.38	1.49	--	12000	ND<50	ND<50	160	120	--	7000	
06/14/05	7.62	7.05	0.00	0.57	-0.81	--	2000	0.75	ND<0.50	3.7	1.1	--	2400	
09/28/05	7.62	8.00	0.00	-0.38	-0.95	--	320	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	80	
12/29/05	7.62	7.23	0.00	0.39	0.77	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	35	
03/27/06	7.62	5.31	0.00	2.31	1.92	--	2400	31	0.73	120	15	--	1400	
U-3	**(Screen Interval in feet: 5.0-20.0)**													
08/10/90	--	--	--	--	--	ND	--	ND	ND	ND	ND	--	--	
01/07/91	--	--	--	--	--	ND	--	ND	ND	ND	1.8	--	--	
04/01/91	--	--	--	--	--	ND	--	1.0	2.9	0.53	5.4	--	--	
07/03/91	--	--	--	--	--	ND	--	ND	ND	ND	ND	--	--	
10/09/91	--	--	--	--	--	ND	--	ND	ND	ND	ND	--	--	
02/12/92	--	--	--	--	--	ND	--	ND	ND	ND	ND	--	--	
05/05/92	--	--	--	--	--	ND	--	ND	ND	ND	ND	--	--	

Table 2

HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS

August 1990 Through March 2006

76 Station 5325

Date Sampled	TOC Elevation (feet)	Depth to Water (feet)	LPH Thickness (feet)	Ground-water Elevation (feet)	Change in Elevation (feet)	TPH-G (8015M) (µg/l)	TPPH (8260) (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														
06/11/92	--	--	--	--	--	ND	--	ND	ND	ND	ND	--	--	
08/20/92	--	--	--	--	--	ND	--	ND	ND	ND	ND	--	--	
02/22/93	--	--	--	--	--	ND	--	ND	ND	ND	ND	--	--	
05/07/93	--	--	--	--	--	ND	--	ND	ND	ND	ND	--	--	
08/08/93	--	--	--	--	--	210	--	5.0	9.7	0.7	4.1	--	--	
11/16/93	7.86	11.82	0.00	-3.96	--	ND	--	ND	ND	ND	ND	--	--	
02/16/94	7.86	11.62	0.00	-3.76	0.20	ND	--	ND	ND	ND	ND	--	--	
06/22/94	10.98	11.64	0.00	-0.66	3.10	ND	--	ND	ND	ND	ND	--	--	
09/22/94	10.98	11.76	0.00	-0.78	-0.12	ND	--	ND	ND	ND	ND	--	--	
12/24/94	10.98	11.28	0.00	-0.30	0.48	ND	--	ND	ND	ND	ND	--	--	
03/25/95	10.98	10.96	0.00	0.02	0.32	ND	--	ND	ND	ND	ND	--	--	
06/21/95	10.98	11.37	0.00	-0.39	-0.41	ND	--	ND	ND	ND	ND	--	--	
09/19/95	10.98	11.55	0.00	-0.57	-0.18	ND	--	ND	ND	ND	ND	--	--	
12/19/95	10.98	11.45	0.00	-0.47	0.10	ND	--	ND	ND	ND	ND	--	--	
03/18/96	10.98	11.10	0.00	-0.12	0.35	ND	--	ND	ND	ND	ND	--	--	
06/27/96	10.98	11.16	0.00	-0.18	-0.06	440	--	49	50	51	140	50	--	
09/26/96	10.98	11.55	0.00	-0.57	-0.39	ND	--	ND	ND	ND	ND	ND	--	
12/09/96	10.98	10.12	0.00	0.86	1.43	ND	--	ND	ND	ND	ND	29	--	
03/14/97	10.98	10.87	0.00	0.11	-0.75	ND	--	ND	ND	ND	ND	ND	--	
06/30/97	10.98	11.08	0.00	-0.10	-0.21	ND	--	ND	ND	ND	ND	ND	--	
09/19/97	10.98	11.05	0.00	-0.07	0.03	ND	--	ND	ND	ND	ND	ND	--	
12/12/97	10.98	10.58	0.00	0.40	0.47	ND	--	ND	ND	ND	ND	ND	--	
03/03/98	10.98	9.84	0.00	1.14	0.74	ND	--	ND	ND	ND	ND	ND	--	
06/15/98	10.98	10.56	0.00	0.42	-0.72	ND	--	ND	ND	ND	ND	ND	--	

Table 2

HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS

August 1990 Through March 2006

76 Station 5325

Date Sampled	TOC Elevation (feet)	Depth to Water (feet)	LPH Thickness (feet)	Ground-water Elevation (feet)	Change in Elevation (feet)	TPH-G (8015M) (µg/l)	TPPH (8260) (µg/l)	Benzene (µg/l)	Toluene (µg/l)	Ethyl-benzene (µg/l)	Total Xylenes (µg/l)	MTBE (8021B) (µg/l)	MTBE (8260B) (µg/l)	Comments
U-3 continued														
09/30/98	10.98	11.12	0.00	-0.14	-0.56	ND	--	ND	ND	ND	ND	ND	--	
12/28/98	10.98	10.96	0.00	0.02	0.16	ND	--	ND	ND	ND	ND	ND	--	
03/22/99	10.98	9.46	0.00	1.52	1.50	ND	--	ND	ND	ND	ND	ND	--	
06/09/99	10.98	11.01	0.00	-0.03	-1.55	ND	--	ND	ND	ND	ND	ND	--	
09/08/99	10.98	11.31	0.00	-0.33	-0.30	ND	--	ND	ND	ND	ND	ND	--	
12/07/99	10.98	11.26	0.00	-0.28	0.05	ND	--	ND	ND	ND	ND	ND	--	
03/13/00	10.98	8.28	0.00	2.70	2.98	ND	--	ND	ND	ND	ND	ND	--	
06/21/00	10.98	11.12	0.00	-0.14	-2.84	ND	--	ND	ND	ND	ND	ND	--	
09/27/00	10.98	11.07	0.00	-0.09	0.05	ND	--	ND	ND	ND	ND	ND	--	
12/12/00	10.98	10.94	0.00	0.04	0.13	ND	--	ND	ND	ND	ND	ND	--	
03/07/01	10.98	8.32	0.00	2.66	2.62	ND	--	ND	ND	ND	ND	ND	--	
06/06/01	10.98	10.94	0.00	0.04	-2.62	ND	--	ND	ND	ND	ND	ND	--	
09/24/01	10.98	11.03	0.00	-0.05	-0.09	ND<50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<2.5	--	
12/10/01	10.98	8.16	0.00	2.82	2.87	ND<50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<2.5	--	
03/11/02	10.98	7.82	0.00	3.16	0.34	ND<50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<5.0	--	
06/04/02	10.98	10.58	0.00	0.40	-2.76	ND<50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<2.5	--	
09/03/02	10.98	10.94	0.00	0.04	-0.36	ND<50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<2.5	--	
12/03/02	10.98	10.66	0.00	0.32	0.28	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<2.0	
03/04/03	10.98	10.76	0.00	0.22	-0.10	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<2.0	
06/18/03	10.98	10.26	0.00	0.72	0.50	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<2.0	
09/24/03	10.98	10.88	0.00	0.10	-0.62	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<2.0	
12/02/03	10.98	11.00	0.00	-0.02	-0.12	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<2.0	
03/30/04	10.98	10.64	0.00	0.34	0.36	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<0.50	
06/07/04	10.98	11.00	0.00	-0.02	-0.36	--	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 1990 Through March 2006

76 Station 5325

Date Sampled	TOC Elevation (feet)	Depth to Water (feet)	LPH Thickness (feet)	Ground-water Elevation (feet)	Change in Elevation (feet)	TPH-G (8015M) (µg/l)	TPPH (8260) (µg/l)	Benzene (µg/l)	Toluene (µg/l)	Ethyl-benzene (µg/l)	Total Xylenes (µg/l)	MTBE (8021B) (µg/l)	MTBE (8260B) (µg/l)	Comments
U-3 continued														
09/09/04	10.98	11.31	0.00	-0.33	-0.31	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<0.50	
12/20/04	10.98	10.79	0.00	0.19	0.52	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<0.50	
03/28/05	10.98	9.80	0.00	1.18	0.99	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<0.50	
06/14/05	10.98	10.75	0.00	0.23	-0.95	--	ND<50	ND<0.50	ND<0.50	ND<0.50	1.2	--	ND<0.50	
09/28/05	10.98	11.16	0.00	-0.18	-0.41	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<0.50	
12/29/05	10.98	10.41	0.00	0.57	0.75	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<0.50	
03/27/06	10.98	10.16	0.00	0.82	0.25	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<0.50	
U-4	**(Screen Interval in feet: 5.0-20.0)**													
06/22/94	11.15	10.16	0.00	0.99	--	ND	--	ND	ND	ND	ND	--	--	
09/22/94	11.15	10.79	0.00	0.36	-0.63	ND	--	0.78	1.3	ND	1.4	--	--	
12/24/94	11.15	9.81	0.00	1.34	0.98	ND	--	ND	ND	ND	ND	--	--	
03/25/95	11.15	9.51	0.00	1.64	0.30	ND	--	ND	ND	ND	ND	--	--	
06/21/95	11.15	9.54	0.00	1.61	-0.03	ND	--	ND	ND	ND	ND	--	--	
09/19/95	11.15	10.17	0.00	0.98	-0.63	ND	--	ND	ND	ND	ND	--	--	
12/19/95	11.15	9.98	0.00	1.17	0.19	ND	--	ND	ND	ND	ND	--	--	
03/18/96	11.15	9.66	0.00	1.49	0.32	ND	--	ND	ND	ND	ND	--	--	
06/27/96	11.15	9.74	0.00	1.41	-0.08	ND	--	ND	ND	ND	ND	ND	--	
09/26/96	11.15	10.14	0.00	1.01	-0.40	ND	--	ND	ND	ND	ND	ND	--	
12/09/96	11.15	8.67	0.00	2.48	1.47	ND	--	ND	ND	ND	ND	33	--	
03/14/97	11.15	9.35	0.00	1.80	-0.68	ND	--	ND	ND	ND	ND	ND	--	
06/30/97	11.15	9.89	0.00	1.26	-0.54	ND	--	ND	ND	ND	ND	ND	--	
09/19/97	11.15	9.96	0.00	1.19	-0.07	ND	--	ND	ND	ND	ND	ND	--	
12/12/97	11.15	8.56	0.00	2.59	1.40	ND	--	ND	ND	ND	ND	ND	--	
03/03/98	11.15	7.85	0.00	3.30	0.71	ND	--	ND	ND	ND	ND	ND	--	

Table 2

HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS

August 1990 Through March 2006

76 Station 5325

Date Sampled	TOC Elevation (feet)	Depth to Water (feet)	LPH Thickness (feet)	Ground-water Elevation (feet)	Change in Elevation (feet)	TPH-G (8015M) (µg/l)	TPPH (8260) (µg/l)	Benzene (µg/l)	Toluene (µg/l)	Ethyl-benzene (µg/l)	Total Xylenes (µg/l)	MTBE (8021B) (µg/l)	MTBE (8260B) (µg/l)	Comments
U-4 continued														
06/15/98	11.15	9.08	0.00	2.07	-1.23	ND	--	ND	ND	ND	ND	ND	--	
09/30/98	11.15	9.75	0.00	1.40	-0.67	ND	--	ND	ND	ND	ND	ND	--	
12/28/98	11.15	9.59	0.00	1.56	0.16	ND	--	ND	ND	ND	ND	ND	--	
03/22/99	11.15	8.34	0.00	2.81	1.25	ND	--	ND	ND	ND	ND	ND	--	
06/09/99	11.15	9.39	0.00	1.76	-1.05	ND	--	ND	ND	ND	ND	ND	--	
09/08/99	11.15	9.90	0.00	1.25	-0.51	ND	--	ND	ND	ND	ND	ND	--	
12/07/99	11.15	10.05	0.00	1.10	-0.15	ND	--	ND	ND	ND	ND	ND	--	
03/13/00	11.15	7.24	0.00	3.91	2.81	ND	--	ND	ND	ND	ND	ND	--	
06/21/00	11.15	9.48	0.00	1.67	-2.24	ND	--	ND	ND	ND	ND	ND	--	
09/27/00	11.15	9.42	0.00	1.73	0.06	ND	--	ND	ND	ND	ND	ND	--	
12/12/00	11.15	9.50	0.00	1.65	-0.08	ND	--	ND	ND	ND	ND	ND	--	
03/07/01	11.15	6.88	0.00	4.27	2.62	ND	--	ND	ND	ND	ND	ND	--	
06/06/01	11.15	9.18	0.00	1.97	-2.30	ND	--	ND	ND	ND	ND	ND	--	
09/24/01	11.15	9.21	0.00	1.94	-0.03	ND<50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<2.5	--	
12/10/01	11.15	7.32	0.00	3.83	1.89	ND<50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<2.5	--	
03/11/02	11.15	6.92	0.00	4.23	0.40	ND<50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<5.0	--	
06/04/02	11.15	7.58	0.00	3.57	-0.66	ND<50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<2.5	--	
09/03/02	11.15	9.17	0.00	1.98	-1.59	ND<50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<2.5	--	
12/03/02	11.15	9.20	0.00	1.95	-0.03	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<2.0	
03/04/03	11.15	9.32	0.00	1.83	-0.12	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<2.0	
06/18/03	11.15	7.65	0.00	3.50	1.67	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<2.0	
09/24/03	11.15	8.26	0.00	2.89	-0.61	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<2.0	
12/02/03	11.15	9.16	0.00	1.99	-0.90	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<2.0	
03/30/04	11.15	7.47	0.00	3.68	1.69	--	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 1990 Through March 2006

76 Station 5325

Date Sampled	TOC Elevation (feet)	Depth to Water (feet)	LPH Thickness (feet)	Ground-water Elevation (feet)	Change in Elevation (feet)	TPH-G (8015M) (µg/l)	TPPH (8260) (µg/l)	Benzene (µg/l)	Toluene (µg/l)	Ethyl-benzene (µg/l)	Total Xylenes (µg/l)	MTBE (8021B) (µg/l)	MTBE (8260B) (µg/l)	Comments
U-4 continued														
06/07/04	11.15	8.93	0.00	2.22	-1.46	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<0.50	
09/09/04	11.15	9.83	0.00	1.32	-0.90	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<0.50	
12/20/04	11.15	8.28	0.00	2.87	1.55	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<0.50	
03/28/05	11.15	6.35	0.00	4.80	1.93	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<0.50	
06/14/05	11.15	8.10	0.00	3.05	-1.75	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<0.50	
09/28/05	11.15	9.59	0.00	1.56	-1.49	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<0.50	
12/29/05	11.15	7.13	0.00	4.02	2.46	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<0.50	
03/27/06	11.15	6.27	0.00	4.88	0.86	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<0.50	
U-5	**(Screen Interval in feet: 5.0-20.0)**													
06/22/94	6.98	6.83	0.00	0.15	--	210	--	7.1	13	4.5	26	--	--	
09/22/94	6.98	6.90	0.00	0.08	-0.07	170	--	8.4	10	8.5	18	--	--	
12/24/94	6.98	6.43	0.00	0.55	0.47	8700	--	560	70	670	430	--	--	
03/25/95	6.98	6.35	0.00	0.63	0.08	44000	--	390	960	1500	7600	--	--	
06/21/95	6.98	7.11	0.00	-0.13	-0.76	400	--	2.3	ND	9.1	3.5	--	--	
09/19/95	6.98	6.99	0.00	-0.01	0.12	850	--	14	7.1	13	66	--	--	
12/19/95	6.98	7.17	0.00	-0.19	-0.18	ND	--	ND	ND	ND	ND	--	--	
03/18/96	6.98	6.65	0.00	0.33	0.52	100	--	0.67	0.5	0.51	5.4	--	--	
06/27/96	6.98	6.49	0.00	0.49	0.16	16000	--	280	150	1400	4600	530	--	
09/26/96	6.98	7.13	0.00	-0.15	-0.64	ND	--	ND	0.57	ND	0.96	ND	--	
12/09/96	6.98	5.90	0.00	1.08	1.23	1300	--	29	46	ND	140	97	--	
03/14/97	6.98	6.99	0.00	-0.01	-1.09	ND	--	ND	ND	ND	ND	14	--	
06/30/97	6.98	7.08	0.00	-0.10	-0.09	4200	--	74	51	180	980	270	--	
09/19/97	6.98	6.78	0.00	0.20	0.30	6300	--	160	13	370	1000	480	--	
12/12/97	6.98	6.94	0.00	0.04	-0.16	60	--	1.3	ND	1.6	2.1	47	--	

Table 2

HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS

August 1990 Through March 2006

76 Station 5325

Date Sampled	TOC Elevation (feet)	Depth to Water (feet)	LPH Thickness (feet)	Ground-water Elevation (feet)	Change in Elevation (feet)	TPH-G (8015M) (µg/l)	TPPH (8260) (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														
03/03/98	6.98	6.50	0.00	0.48	0.44	1700	--	29	ND	150	190	330	--	
06/15/98	6.98	6.85	0.00	0.13	-0.35	1500	--	32	ND	91	83	330	--	
09/30/98	6.98	7.31	0.00	-0.33	-0.46	1700	--	44	ND	39	150	60	--	
12/28/98	6.98	7.25	0.00	-0.27	0.06	1400	--	59	ND	13	27	150	--	
03/22/99	6.98	6.86	0.00	0.12	0.39	780	--	8.9	ND	0.76	4.5	350	--	
06/09/99	6.98	7.28	0.00	-0.30	-0.42	1000	--	ND	ND	10	35	280	350	
09/08/99	6.98	7.52	0.00	-0.54	-0.24	2620	--	26.2	ND	32.2	157	280	239	
12/07/99	6.98	7.67	0.00	-0.69	-0.15	949	--	9.26	ND	11.2	22.7	235	301	
03/13/00	6.98	6.73	0.00	0.25	0.94	880	--	12	1.0	5.6	8.7	46	37	
06/21/00	6.98	7.39	0.00	-0.41	-0.66	700	--	4.0	ND	0.99	4.0	120	140	
09/27/00	6.98	7.45	0.00	-0.47	-0.06	400	--	1.9	ND	ND	1.5	160	250	
12/12/00	6.98	7.68	0.00	-0.70	-0.23	770	--	3.2	ND	ND	ND	27	13	
03/07/01	6.98	6.83	0.00	0.15	0.85	623	--	5.15	ND	ND	0.669	35.7	43.4	
06/06/01	6.98	7.42	0.00	-0.44	-0.59	110	--	ND	ND	ND	ND	ND	--	
09/24/01	6.98	7.50	0.00	-0.52	-0.08	270	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	40	42	
12/10/01	6.98	6.65	0.00	0.33	0.85	420	--	13	0.60	0.66	ND<0.50	ND<2.5	--	
03/11/02	6.98	7.00	0.00	-0.02	-0.35	260	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	42	47	
06/04/02	6.98	6.71	0.00	0.27	0.29	170	--	ND<0.50	0.77	0.87	0.69	29	--	
09/03/02	6.98	7.47	0.00	-0.49	-0.76	ND<50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	37	53	
12/03/02	6.98	6.64	0.00	0.34	0.83	--	320	ND<0.50	ND<0.50	5.7	ND<1.0	--	11	
03/04/03	6.98	6.75	0.00	0.23	-0.11	--	100	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	44	
06/18/03	6.98	6.25	0.00	0.73	0.50	--	51	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	36	
09/24/03	6.98	6.86	0.00	0.12	-0.61	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<2.0	
12/02/03	6.98	7.12	0.00	-0.14	-0.26	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	24	

Table 2

HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS

August 1990 Through March 2006

76 Station 5325

Date Sampled	TOC Elevation (feet)	Depth to Water (feet)	LPH Thickness (feet)	Ground-water Elevation (feet)	Change in Elevation (feet)	TPH-G (8015M) (µg/l)	TPPH (8260) (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														
03/30/04	6.98	6.88	0.00	0.10	0.24	--	100	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	130	
06/07/04	6.98	8.53	0.00	-1.55	-1.65	--	250	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	160	
09/09/04	6.98	12.28	0.00	-5.30	-3.75	--	340	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	260	
12/20/04	6.98	7.51	0.00	-0.53	4.77	--	130	ND<0.50	ND<0.50	1.9	2.0	--	120	
03/28/05	6.98	7.22	0.00	-0.24	0.29	--	670	ND<2.0	ND<2.0	ND<2.0	ND<4.0	--	230	
06/14/05	6.98	7.46	0.00	-0.48	-0.24	--	160	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	400	
09/28/05	6.98	9.59	0.00	-2.61	-2.13	--	460	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	370	
12/29/05	6.98	7.53	0.00	-0.55	2.06	--	150	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	190	
03/27/06	6.98	6.29	0.00	0.69	1.24	--	450	ND<0.50	ND<0.50	8.3	ND<1.0	--	70	
U-6	**(Screen Interval in feet: 5.0-24.0)**													
06/22/94	7.14	7.14	0.00	0.00	--	ND	--	ND	ND	ND	ND	--	--	
09/22/94	7.14	7.34	0.00	-0.20	-0.20	130	--	1.3	0.8	ND	0.73	--	--	
12/24/94	7.14	6.67	0.00	0.47	0.67	6900	--	500	59	600	380	--	--	
03/25/95	7.14	6.29	0.00	0.85	0.38	47000	--	450	1300	1700	8200	--	--	
06/21/95	7.14	7.60	0.00	-0.46	-1.31	ND	--	ND	ND	ND	ND	--	--	
09/19/95	7.14	7.70	0.00	-0.56	-0.10	ND	--	ND	ND	ND	ND	--	--	
12/19/95	7.14	7.75	0.00	-0.61	-0.05	210	--	2.5	1.0	2.9	17	--	--	
03/18/96	7.14	6.86	0.00	0.28	0.89	ND	--	ND	ND	ND	ND	--	--	
06/27/96	7.14	6.52	0.00	0.62	0.34	ND	--	ND	ND	ND	ND	510	--	
09/26/96	7.14	7.62	0.00	-0.48	-1.10	ND	--	ND	ND	ND	ND	1400	--	
12/09/96	7.14	5.88	0.00	1.26	1.74	1200	--	29	48	6.4	140	58	--	
03/14/97	7.14	7.30	0.00	-0.16	-1.42	ND	--	ND	ND	ND	ND	1500	--	
06/30/97	7.14	7.35	0.00	-0.21	-0.05	ND	--	ND	ND	ND	ND	990	--	
09/19/97	7.14	7.25	0.00	-0.11	0.10	ND	--	ND	ND	ND	ND	1400	--	

Table 2

HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS

August 1990 Through March 2006

76 Station 5325

Date Sampled	TOC Elevation	Depth to Water	LPH Thickness	Ground-water Elevation	Change in Elevation	TPH-G (8015M)	TPPH (8260)	Benzene	Toluene	Ethyl-benzene	Total Xylenes	MTBE (8021B)	MTBE (8260B)	Comments
	(feet)	(feet)	(feet)	(feet)	(feet)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	
U-6 continued														
12/12/97	7.14	7.29	0.00	-0.15	-0.04	ND	--	ND	ND	ND	ND	680	--	
03/03/98	7.14	7.00	0.00	0.14	0.29	ND	--	ND	ND	ND	ND	1600	--	
06/15/98	7.14	7.18	0.00	-0.04	-0.18	ND	--	ND	ND	ND	ND	1000	--	
09/30/98	7.14	7.90	0.00	-0.76	-0.72	ND	--	ND	ND	ND	ND	1200	--	
12/28/98	7.14	7.79	0.00	-0.65	0.11	ND	--	ND	ND	ND	ND	730	--	
03/22/99	7.14	7.47	0.00	-0.33	0.32	ND	--	ND	ND	ND	ND	1800	--	
06/09/99	7.14	7.73	0.00	-0.59	-0.26	ND	--	ND	ND	ND	ND	1000	850	
09/08/99	7.14	7.95	0.00	-0.81	-0.22	ND	--	ND	ND	ND	ND	851	1040	
12/07/99	7.14	8.10	0.00	-0.96	-0.15	ND	--	ND	ND	ND	ND	1140	1150	
03/13/00	7.14	6.95	0.00	0.19	1.15	ND	--	ND	ND	ND	ND	560	670	
06/21/00	7.14	7.84	0.00	-0.70	-0.89	ND	--	ND	ND	ND	ND	400	590	
09/27/00	7.14	7.68	0.00	-0.54	0.16	ND	--	ND	ND	ND	ND	2500	2800	
12/12/00	7.14	7.74	0.00	-0.60	-0.06	ND	--	ND	ND	ND	ND	590	580	
03/07/01	7.14	7.27	0.00	-0.13	0.47	ND	--	ND	ND	ND	ND	310	321	
06/06/01	7.14	7.80	0.00	-0.66	-0.53	ND	--	ND	ND	ND	ND	250	330	
09/24/01	7.14	7.82	0.00	-0.68	-0.02	ND<50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	530	660	
12/10/01	7.14	7.15	0.00	-0.01	0.67	ND<50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	220	220	
03/11/02	7.14	7.32	0.00	-0.18	-0.17	ND<50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	720	760	
06/04/02	7.14	7.18	0.00	-0.04	0.14	250	--	ND<1.0	ND<1.0	ND<1.0	ND<1.0	470	--	
09/03/02	7.14	7.72	0.00	-0.58	-0.54	420	--	ND<2.5	ND<2.5	ND<2.5	4.7	860	1200	
12/03/02	7.14	6.92	0.00	0.22	0.80	--	ND<500	ND<5.0	ND<5.0	ND<5.0	ND<10	--	870	
03/04/03	7.14	7.01	0.00	0.13	-0.09	--	2300	ND<10	ND<10	ND<10	ND<20	--	2700	
06/18/03	7.14	6.60	0.00	0.54	0.41	--	1300	ND<10	ND<10	ND<10	ND<20	--	1700	
09/24/03	7.14	7.24	0.00	-0.10	-0.64	--	ND<10000	ND<100	ND<100	ND<100	ND<200	--	1500	

Table 2

HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS

August 1990 Through March 2006

76 Station 5325

Date Sampled	TOC Elevation (feet)	Depth to Water (feet)	LPH Thickness (feet)	Ground-water Elevation (feet)	Change in Elevation (feet)	TPH-G (8015M) (µg/l)	TPPH (8260) (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														
12/02/03	7.14	7.80	0.00	-0.66	-0.56	--	1300	ND<10	ND<10	ND<10	ND<20	--	1800	
03/30/04	7.14	7.32	0.00	-0.18	0.48	--	1200	ND<10	ND<10	ND<10	ND<20	--	1700	
06/07/04	7.14	9.35	0.00	-2.21	-2.03	--	1700	ND<10	ND<10	ND<10	ND<20	--	1800	
09/09/04	7.14	12.81	0.00	-5.67	-3.46	--	ND<1000	ND<10	ND<10	ND<10	ND<20	--	1400	
12/20/04	7.14	7.96	0.00	-0.82	4.85	--	320	ND<2.5	ND<2.5	ND<2.5	ND<5.0	--	65	
03/28/05	7.14	7.07	0.00	0.07	0.89	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	150	
06/14/05	7.14	7.88	0.00	-0.74	-0.81	--	ND<100	ND<1.0	ND<1.0	ND<1.0	ND<2.0	--	20	
09/28/05	7.14	10.44	0.00	-3.30	-2.56	--	150	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	4.6	
12/29/05	7.14	7.63	0.00	-0.49	2.81	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	13	
03/27/06	7.14	6.16	0.00	0.98	1.47	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	8.1	

Table 2 a
ADDITIONAL HISTORIC ANALYTICAL RESULTS
76 Station 5325

Date Sampled	TBA	Ethanol (8260B)	Ethylene-dibromide (EDB)	1,2-DCA (EDC)	DIPE	ETBE	TAME	Acenaph-thylene	Iron Ferrou	Nitrate	Phosphate (ortho)	Phosphate (total)	Redox Potential (ORP-Lab)	Post-purge Dissolved Oxygen	Pre-purge Dissolved Oxygen
	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(mg/l)	(mg/l)	(mg/l)	(mV)	(mg/l)	(mg/l)
U-1															
06/15/98	--	--	--	--	--	--	--	--	39000	ND	--	ND	382	--	--
09/30/98	--	--	--	--	--	--	--	--	17000	ND	--	ND	366	--	--
12/28/98	--	--	--	--	--	--	--	--	4300	6.30	--	28	298	--	--
03/22/99	--	--	--	--	--	--	--	--	4900	ND	--	3.5	320	--	--
06/09/99	--	--	--	--	--	--	--	--	1200	ND	--	ND	260	--	--
09/08/99	--	--	--	--	--	--	--	--	1800	ND	--	ND	85	--	--
12/07/99	--	--	--	--	--	--	--	--	5700	ND	--	17.0	404	--	1.36
03/13/00	--	--	--	--	--	--	--	--	8000	0.18	--	ND	262	--	--
06/21/00	--	--	--	--	--	--	--	--	9300	ND	--	ND	148	--	1.53
09/27/00	ND	--	ND	--	ND	ND	ND	--	2800	ND	--	18.4	119	--	1.63
12/12/00	--	--	--	--	--	--	--	--	490	ND	--	16.0	131	--	1.48
03/07/01	ND	--	ND	--	ND	ND	ND	--	483	2.64	--	6.89	125	--	1.91
06/06/01	ND	--	ND	--	ND	ND	ND	--	1000	ND	--	2.7	141	--	1.77
09/24/01	ND<20000	ND<400000	ND<1000	ND<1000	ND<1000	ND<1000	ND<1000	--	ND<100	0.45	--	--	125	--	1.64
12/10/01	ND<4000	ND<8000	ND<100	ND<100	ND<100	ND<100	ND<100	--	14000	ND<0.50	--	2.2	141	--	1.82
03/11/02	ND<5000	ND<25000	ND<100	ND<100	ND<100	ND<100	ND<100	--	15000	ND<0.50	--	0.11	132	--	2.21
06/04/02	--	--	--	--	--	--	--	--	ND<500	ND<0.50	--	ND<0.10	117	--	1.88
09/03/02	ND<10000	ND<50000	ND<200	ND<200	ND<200	ND<200	ND<200	--	ND<500	ND<0.50	--	ND<0.10	94	--	1.62
12/03/02	ND<10000	ND<50000	ND<200	ND<200	ND<200	ND<200	ND<200	--	9600	ND<1.0	--	ND<1.0	72	--	1.71
03/04/03	ND<5000	ND<25000	ND<100	ND<100	ND<100	ND<100	ND<100	--	36000	ND<1.0	--	ND<1.0	-125	--	0.30
06/18/03	ND<5000	ND<25000	ND<100	ND<100	ND<100	ND<100	ND<100	--	16000	ND<1.0	--	ND<1.0	-48	1.7	--
09/24/03	ND<20000	ND<100000	ND<400	ND<400	ND<400	ND<400	ND<400	--	15	ND<1.0	--	ND<1.0	-36	--	0.40
12/02/03	--	ND<100000	--	--	--	--	--	--	4000	--	--	--	--	6.46	2.05
03/30/04	3100	ND<10000	ND<100	ND<100	ND<200	ND<100	ND<100	--	12000	ND<1.0	ND<1.0	--	--	1.08	3.05
06/07/04	3300	ND<10000	ND<100	ND<100	ND<200	ND<100	ND<100	--	660	ND<0.50	6.8	--	--	1.62	2.30
12/20/04	11	ND<50	ND<0.50	ND<0.50	ND<1.0	ND<0.50	ND<0.50	--	0.015	ND<1.0	ND<1.0	--	--	1.35	5.55

Table 2 a
ADDITIONAL HISTORIC ANALYTICAL RESULTS
76 Station 5325

Date Sampled	TBA	Ethanol (8260B)	Ethylene-dibromide (EDB)	1,2-DCA (EDC)	DIPE	ETBE	TAME	Acenaph-thylene	Iron Ferrou	Nitrate	Phosphate (ortho)	Phosphate (total)	Redox Potential (ORP-Lab)	Post-purge Dissolved Oxygen	Pre-purge Dissolved Oxygen
	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(mg/l)	(mg/l)	(mg/l)	(mV)	(mg/l)	(mg/l)
U-1 continued															
03/28/05	--	ND<1000	--	--	--	--	--	--	16	ND<1.0	ND<1.0	--	--	4.32	3.26
06/14/05	4400	ND<1000	ND<10	ND<10	ND<10	ND<10	ND<10	--	7100	ND<1.0	12	--	--	3.95	4.52
09/28/05	5500	ND<250	ND<10	ND<10	ND<10	ND<10	ND<10	--	7300	ND<0.10	39	--	--	7.13	2.59
12/29/05	3900	ND<250	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--	9500	ND<0.10	21	--	--	3.74	2.81
03/27/06	--	ND<12000	--	--	--	--	--	--	8500	ND<0.10	ND<0.050	--	--	--	1.95
U-2															
03/03/98	--	--	--	--	--	--	--	--	25000	ND	--	ND	369	--	--
06/15/98	--	--	--	--	--	--	--	--	42000	ND	--	ND	341	--	--
09/30/98	--	--	--	--	--	--	--	--	25000	ND	--	ND	354	--	--
12/28/98	--	--	--	--	--	--	--	--	28000	ND	--	ND	276	--	--
03/22/99	--	--	--	--	--	--	--	--	680	ND	--	2.3	320	--	--
06/09/99	--	--	--	--	--	--	--	--	500	ND	--	ND	290	--	--
09/08/99	--	--	--	--	--	--	--	--	1900	ND	--	ND	235	--	--
12/07/99	--	--	--	--	--	--	--	--	250	ND	--	ND	389	--	2.28
03/13/00	--	--	--	--	--	--	--	--	4300	0.31	--	ND	184	--	--
06/21/00	--	--	--	--	--	--	--	--	260	ND	--	ND	136	--	1.96
09/27/00	--	--	--	--	--	--	--	--	640	ND	--	10.5	142	--	2.12
12/12/00	--	--	--	--	--	--	--	--	2700	ND	--	ND	155	--	2.35
03/07/01	ND	ND	ND	ND	ND	ND	ND	--	677	2.24	--	3.02	148	--	2.21
06/06/01	ND	ND	ND	ND	ND	ND	ND	--	800	ND	--	2.8	163	--	2.67
09/24/01	ND<20000	ND<400000	ND<1000	ND<1000	ND<1000	ND<1000	ND<1000	--	ND<100	0.49	--	--	151	--	2.10
12/10/01	ND<2000	ND<4000	ND<50	ND<50	ND<50	ND<50	ND<50	--	ND<100	ND<0.50	--	0.20	171	--	2.81
03/11/02	ND<10000	ND<50000	ND<200	ND<200	ND<200	ND<200	ND<200	--	ND<100	ND<0.50	--	0.65	156	--	2.77
06/04/02	--	--	--	--	--	--	--	--	ND<100	ND<0.50	--	ND<0.10	144	--	3.14
09/03/02	ND<50000	ND<250000	ND<1000	ND<1000	ND<1000	ND<1000	ND<1000	--	ND<250	ND<0.50	--	0.26	151	--	2.85
12/03/02	ND<10000	ND<50000	ND<200	ND<200	ND<200	ND<200	ND<200	--	9900	ND<1.0	--	ND<1.0	94	--	1.97

Table 2 a
ADDITIONAL HISTORIC ANALYTICAL RESULTS
76 Station 5325

Date Sampled	TBA	Ethanol (8260B)	Ethylene-dibromide (EDB)	1,2-DCA (EDC)	DIPE	ETBE	TAME	Acenaph-thylene	Iron Ferrou	Nitrate	Phosphate (ortho)	Phosphate (total)	Redox Potential (ORP-Lab)	Post-purge Dissolved Oxygen	Pre-purge Dissolved Oxygen
	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(mg/l)	(mg/l)	(mg/l)	(mV)	(mg/l)	(mg/l)
U-2 continued															
03/04/03	ND<10000	ND<50000	ND<200	ND<200	ND<200	ND<200	ND<200	--	8600	ND<1.0	--	ND<1.0	-147	--	0.40
06/18/03	ND<10000	ND<50000	ND<200	ND<200	ND<200	ND<200	ND<200	--	5500	ND<1.0	--	3.1	-8	3.2	--
09/24/03	ND<20000	ND<100000	ND<400	ND<400	ND<400	ND<400	ND<400	--	14	ND<1.0	--	ND<1.0	-10	--	0.20
12/02/03	--	ND<100000	--	--	--	--	--	--	2700	--	--	--	--	1.81	1.70
03/30/04	2400	ND<10000	ND<100	ND<100	ND<200	ND<100	ND<100	--	ND<200	ND<1.0	2.9	--	--	--	2.40
06/07/04	2600	ND<10000	ND<100	ND<100	ND<200	ND<100	ND<100	--	210	ND<0.50	2.4	--	--	3.29	3.10
09/09/04	2700	ND<10000	ND<100	ND<100	ND<200	ND<100	ND<100	--	930	ND<1.0	5.9	--	--	3.10	3.12
12/20/04	3500	ND<5000	ND<50	ND<50	ND<100	ND<50	ND<50	--	0.87	ND<1.0	ND<1.0	--	--	6.54	.41
03/28/05	830	ND<5000	ND<50	ND<50	ND<50	ND<50	ND<0.50	--	4.0	ND<1.0	ND<1.0	--	--	4.30	3.76
06/14/05	10000	ND<2000	ND<20	ND<20	ND<20	ND<20	ND<20	--	3400	ND<1.0	ND<1.0	--	--	3.99	3.28
09/28/05	13000	ND<250	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--	4000	ND<0.20	7.5	--	--	6.62	2.87
12/29/05	1000000000	ND<250	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--	2200	ND<0.20	4.6	--	--	5.71	1.76
03/27/06	--	ND<250	--	--	--	--	--	--	1100	ND<0.10	ND<0.050	--	--	--	0.95
U-3															
06/30/97	--	--	--	--	--	--	--	--	1400	21	--	0.86	190	--	4.10
09/19/97	--	--	--	--	--	--	--	--	570	19	--	ND	75	--	4.20
12/12/97	--	--	--	--	--	--	--	--	1900	23	--	0.85	390	--	2.97
03/03/98	--	--	--	--	--	--	--	--	13	36	--	ND	358	--	2.63
06/15/98	--	--	--	--	--	--	--	--	160	33	--	ND	318	--	2.93
09/30/98	--	--	--	--	--	--	--	--	40	31	--	ND	295	--	3.11
12/28/98	--	--	--	--	--	--	--	--	ND	29	--	ND	281	--	3.59
03/22/99	--	--	--	--	--	--	--	--	15	30	--	0.14	310	--	4.02
06/09/99	--	--	--	--	--	--	--	--	ND	26	--	1.2	350	--	3.70
09/08/99	--	--	--	--	--	--	--	--	ND	32.90	--	ND	417	--	3.96
12/07/99	--	--	--	--	--	--	--	--	52	27.90	--	ND	437	--	4.21
03/13/00	--	--	--	--	--	--	--	--	150	33	--	ND	307	--	--

Table 2 a
ADDITIONAL HISTORIC ANALYTICAL RESULTS
76 Station 5325

Date Sampled	TBA	Ethanol (8260B)	Ethylene-dibromide (EDB)	1,2-DCA (EDC)	DIPE	ETBE	TAME	Acenaph-thylene	Iron Ferrou	Nitrate	Phosphate (ortho)	Phosphate (total)	Redox Potential (ORP-Lab)	Post-purge Dissolved Oxygen	Pre-purge Dissolved Oxygen
	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(mg/l)	(mg/l)	(mg/l)	(mV)	(mg/l)	(mg/l)
U-3 continued															
06/21/00	--	--	--	--	--	--	--	--	200	32	--	ND	225	--	4.27
09/27/00	--	--	--	--	--	--	--	307	ND	34	--	15.7	211	--	4.67
12/12/00	--	--	--	--	--	--	--	--	ND	31	--	ND	246	--	4.79
03/07/01	--	--	--	--	--	--	--	--	ND	36.5	--	0.443	251	--	5.16
06/06/01	--	--	--	--	--	--	--	--	ND	8.0	--	0.18	214	--	4.79
09/24/01	--	--	--	--	--	--	--	--	ND<100	23.0	--	ND	198	--	4.27
12/10/01	--	--	--	--	--	--	--	--	ND<100	21	--	0.11	188	--	4.66
03/11/02	--	--	--	--	--	--	--	--	ND<100	30	--	0.14	166	--	5.06
06/04/02	--	--	--	--	--	--	--	--	ND<100	18	--	ND<0.10	151	--	5.79
09/03/02	--	--	--	--	--	--	--	--	ND<100	28	--	ND<0.10	143	--	6.04
12/03/02	--	--	--	--	--	--	--	--	ND<200	20	--	ND<1.0	154	--	5.58
03/04/03	--	--	--	--	--	--	--	--	ND<200	18	--	ND<1.0	-136	--	0.20
06/18/03	--	--	--	--	--	--	--	--	ND<200	17	--	ND<1.0	333	3.5	--
09/24/03	--	ND<500	--	--	--	--	--	--	ND<0.20	18	--	1.4	-50	--	0.60
12/02/03	--	ND<500	--	--	--	--	--	--	ND<200	--	--	--	--	4.28	4.30
03/30/04	--	ND<50	--	--	--	--	--	--	ND<200	16	ND<1.0	--	--	7.75	2.80
06/07/04	--	ND<50	--	--	--	--	--	--	ND<200	17	ND<0.20	--	--	4.19	4.70
09/09/04	--	ND<50	--	--	--	--	--	--	ND<10	16	1.2	--	--	4.68	4.75
12/20/04	--	ND<50	--	--	--	--	--	--	ND<0.010	17	ND<1.0	--	--	6.70	3.28
03/28/05	--	ND<50	--	--	--	--	--	--	ND<0.050	17	ND<1.0	--	--	4.21	3.32
06/14/05	--	ND<50	--	--	--	--	--	--	ND<50	18	ND<1.0	--	--	2.97	2.82
09/28/05	--	ND<250	--	--	--	--	--	--	ND<100	4.3	0.66	--	--	6.99	4.96
12/29/05	--	ND<250	--	--	--	--	--	--	ND<100	4.3	0.65	--	--	4.57	3.35
03/27/06	--	ND<250	--	--	--	--	--	--	ND<100	4.5	0.66	--	--	--	2.67
U-4															
06/30/97	--	--	--	--	--	--	--	--	130	35	--	0.52	200	--	5.40

Table 2 a
ADDITIONAL HISTORIC ANALYTICAL RESULTS
76 Station 5325

Date Sampled	TBA	Ethanol (8260B)	Ethylene-dibromide (EDB)	1,2-DCA (EDC)	DIPE	ETBE	TAME	Acenaph-thylene	Iron Ferrou	Nitrate	Phosphate (ortho)	Phosphate (total)	Redox Potential (ORP-Lab)	Post-purge Dissolved Oxygen	Pre-purge Dissolved Oxygen
	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(mg/l)	(mg/l)	(mg/l)	(mV)	(mg/l)	(mg/l)
U-4 continued															
09/19/97	--	--	--	--	--	--	--	--	350	30	--	ND	45	--	5.10
12/12/97	--	--	--	--	--	--	--	--	680	31	--	0.73	380	--	3.11
03/03/98	--	--	--	--	--	--	--	--	18	3.2	--	ND	284	--	2.94
06/15/98	--	--	--	--	--	--	--	--	140	33	--	ND	256	--	3.08
09/30/98	--	--	--	--	--	--	--	--	49	31	--	ND	276	--	4.05
12/28/98	--	--	--	--	--	--	--	--	360	31	--	ND	280	--	4.57
03/22/99	--	--	--	--	--	--	--	--	ND	30	--	0.14	320	--	4.26
06/09/99	--	--	--	--	--	--	--	--	ND	35	--	0.91	340	--	3.61
09/08/99	--	--	--	--	--	--	--	--	ND	24	--	ND	391	--	3.75
12/07/99	--	--	--	--	--	--	--	--	ND	27.7	--	ND	478	--	4.03
03/13/00	--	--	--	--	--	--	--	--	ND	33	--	ND	244	--	--
06/21/00	--	--	--	--	--	--	--	--	34	32	--	ND	248	--	4.89
09/27/00	--	--	--	--	--	--	--	--	ND	28	--	ND	198	--	5.09
12/12/00	--	--	--	--	--	--	--	--	ND	30	--	ND	210	--	4.86
03/07/01	--	--	--	--	--	--	--	--	ND	33.9	--	0.226	233	--	4.97
06/06/01	--	--	--	--	--	--	--	--	ND	7.4	--	0.21	248	--	5.12
09/24/01	--	--	--	--	--	--	--	--	ND<100	24	--	--	262	--	4.86
12/10/01	--	--	--	--	--	--	--	--	ND<100	19	--	0.10	242	--	5.05
03/11/02	--	--	--	--	--	--	--	--	ND<100	31	--	0.14	195	--	4.83
06/04/02	--	--	--	--	--	--	--	--	ND<100	27	--	ND<0.10	169	--	5.58
09/03/02	--	--	--	--	--	--	--	--	ND<100	28	--	0.27	126	--	5.94
12/03/02	--	--	--	--	--	--	--	--	ND<200	20	--	ND<1.0	133	--	5.82
03/04/03	--	--	--	--	--	--	--	--	ND<200	26	--	ND<1.0	-148	--	0.30
06/18/03	--	--	--	--	--	--	--	--	ND<200	31	--	ND<1.0	250	3.6	--
09/24/03	--	ND<500	--	--	--	--	--	--	ND<0.20	17	--	1.5	-24	--	0.20
12/02/03	--	ND<500	--	--	--	--	--	--	ND<200	--	--	--	--	3.45	3.57

Table 2 a
ADDITIONAL HISTORIC ANALYTICAL RESULTS
76 Station 5325

Date Sampled	TBA	Ethanol (8260B)	Ethylene-dibromide (EDB)	1,2-DCA (EDC)	DIPE	ETBE	TAME	Acenaph-thylene	Iron Ferrou	Nitrate	Phosphate (ortho)	Phosphate (total)	Redox Potential (ORP-Lab)	Post-purge Dissolved Oxygen	Pre-purge Dissolved Oxygen
	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(mg/l)	(mg/l)	(mg/l)	(mV)	(mg/l)	(mg/l)
U-4 continued															
03/30/04	--	ND<50	--	--	--	--	--	--	ND<200	25	ND<1.0	--	--	3.84	4.29
06/07/04	--	ND<50	--	--	--	--	--	--	ND<200	24	ND<0.20	--	--	4.02	4.56
09/09/04	--	ND<50	--	--	--	--	--	--	ND<10	22	ND<1.0	--	--	4.09	4.20
12/20/04	--	ND<50	--	--	--	--	--	--	ND<0.010	20	ND<1.0	--	--	6.19	5.11
03/28/05	--	ND<50	--	--	--	--	--	--	0.060	31	ND<1.0	--	--	4.66	4.54
06/14/05	--	ND<50	--	--	--	--	--	--	ND<50	32	ND<1.0	--	--	3.09	3.02
09/28/05	--	ND<250	--	--	--	--	--	--	190	6.8	0.45	--	--	6.59	5.02
12/29/05	--	ND<250	--	--	--	--	--	--	ND<100	5.3	0.37	--	--	5.09	5.03
03/27/06	--	ND<250	--	--	--	--	--	--	ND<100	6.4	0.41	--	--	--	5.51
U-5															
06/30/97	--	--	--	--	--	--	--	--	16000	ND	--	ND	160	--	3.40
09/19/97	--	--	--	--	--	--	--	--	220	ND	--	ND	63	--	0.60
12/12/97	--	--	--	--	--	--	--	--	6700	ND	--	ND	400	--	1.75
03/03/98	--	--	--	--	--	--	--	--	18000	3.1	--	ND	345	--	2.36
06/15/98	--	--	--	--	--	--	--	--	17000	ND	--	ND	333	--	2.55
09/30/98	--	--	--	--	--	--	--	--	17000	ND	--	ND	318	--	1.93
12/28/98	--	--	--	--	--	--	--	--	17000	6.6	--	ND	305	--	1.64
03/22/99	--	--	--	--	--	--	--	--	120	ND	--	2.4	340	--	1.99
06/09/99	--	--	--	--	--	--	--	--	230	ND	--	ND	320	--	2.10
09/08/99	--	--	--	--	--	--	--	--	2100	ND	--	ND	335	--	2.21
12/07/99	--	--	--	--	--	--	--	--	310	ND	--	ND	408	--	2.66
03/13/00	--	--	--	--	--	--	--	--	330	0.16	--	ND	264	--	--
06/21/00	--	--	--	--	--	--	--	--	150	ND	--	ND	159	--	3.42
09/27/00	--	--	--	--	--	--	--	--	330	ND	--	ND	136	--	3.85
12/12/00	--	--	--	--	--	--	--	--	86	ND	--	ND	122	--	3.53
03/07/01	ND	ND	ND	ND	ND	ND	ND	--	1070	3.02	--	4.00	141	--	2.98

Table 2 a
ADDITIONAL HISTORIC ANALYTICAL RESULTS
76 Station 5325

Date Sampled	TBA	Ethanol (8260B)	Ethylene-dibromide (EDB)	1,2-DCA (EDC)	DIPE	ETBE	TAME	Acenaph-thylene	Iron Ferrou	Nitrate	Phosphate (ortho)	Phosphate (total)	Redox Potential (ORP-Lab)	Post-purge Dissolved Oxygen	Pre-purge Dissolved Oxygen
	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(mg/l)	(mg/l)	(mg/l)	(mV)	(mg/l)	(mg/l)
U-5 continued															
06/06/01	--	--	--	--	--	--	--	--	ND	ND	--	1.2	112	--	2.67
09/24/01	ND<200	ND<4000	ND<10	ND<10	ND<10	ND<10	ND<10	--	ND<100	0.77	--	--	146	--	3.15
12/10/01	--	--	--	--	--	--	--	--	3700	ND<0.50	--	2.6	96	--	2.85
03/11/02	ND<100	ND<500	ND<2.0	ND<2.0	ND<2.0	ND<2.0	ND<2.0	--	100	ND<0.50	--	0.52	108	--	3.15
06/04/02	--	--	--	--	--	--	--	--	ND<250	ND<0.50	--	ND<0.10	118	--	3.46
09/03/02	ND<100	ND<500	ND<2.0	ND<2.0	ND<2.0	ND<2.0	ND<2.0	--	ND<250	ND<0.50	--	ND<0.10	87	--	2.85
12/03/02	ND<100	ND<500	ND<2.0	ND<2.0	ND<2.0	ND<2.0	ND<2.0	--	22000	ND<1.0	--	ND<1.0	104	--	2.71
03/04/03	ND<100	ND<500	ND<2.0	ND<2.0	ND<2.0	ND<2.0	ND<2.0	--	19000	ND<1.0	--	ND<1.0	-166	--	0.20
06/18/03	ND<100	ND<500	ND<2.0	ND<2.0	ND<2.0	ND<2.0	ND<2.0	--	11000	ND<1.0	--	ND<1.0	-10	2.4	--
09/24/03	--	ND<500	--	--	--	--	--	--	ND<0.20	18	--	1.8	-28	--	0.30
12/02/03	--	ND<500	--	--	--	--	--	--	9400	--	--	--	--	2.22	2.15
03/30/04	52	ND<50	ND<0.50	ND<0.50	ND<1.0	ND<0.50	ND<0.50	--	5900	ND<1.0	ND<1.0	--	--	1.89	1.88
06/07/04	69	ND<50	ND<0.5	ND<0.5	ND<1.0	ND<0.5	ND<0.5	--	3800	ND<0.50	ND<0.20	--	--	1.88	1.92
09/09/04	130	ND<50	ND<0.50	ND<0.50	ND<1.0	ND<0.50	ND<0.50	--	4100	ND<1.0	ND<1.0	--	--	2.38	2.58
12/20/04	--	ND<50	--	--	--	--	--	--	5.0	ND<1.0	ND<1.0	--	--	.71	2.01
03/28/05	150	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--	6.5	ND<1.0	ND<1.0	--	--	2.02	1.06
06/14/05	160	ND<100	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--	7400	3.6	ND<1.0	--	--	2.38	2.02
09/28/05	220	ND<250	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--	7300	ND<0.50	0.10	--	--	6.94	4.58
12/29/05	280	ND<250	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--	7300	ND<0.50	ND<0.050	--	--	2.17	1.99
03/27/06	--	ND<250	--	--	--	--	--	--	6300	ND<0.50	ND<0.050	--	--	--	2.69
U-6															
06/30/97	--	--	--	--	--	--	--	--	88000	0.80	--	ND	190	--	0.30
09/19/97	--	--	--	--	--	--	--	--	2900	1.80	--	ND	ND	--	0.60
12/12/97	--	--	--	--	--	--	--	--	51000	ND	--	ND	380	--	2.70
03/03/98	--	--	--	--	--	--	--	--	60000	3.5	--	ND	327	--	2.18
06/15/98	--	--	--	--	--	--	--	--	590000	4.8	--	ND	315	--	2.48

Table 2 a
ADDITIONAL HISTORIC ANALYTICAL RESULTS
76 Station 5325

Date Sampled	TBA	Ethanol (8260B)	Ethylene-dibromide (EDB)	1,2-DCA (EDC)	DIPE	ETBE	TAME	Acenaph-thylene	Iron Ferrou	Nitrate	Phosphate (ortho)	Phosphate (total)	Redox Potential (ORP-Lab)	Post-purge Dissolved Oxygen	Pre-purge Dissolved Oxygen
	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(mg/l)	(mg/l)	(mg/l)	(mV)	(mg/l)	(mg/l)
U-6 continued															
09/30/98	--	--	--	--	--	--	--	--	33000	ND	--	ND	345	--	3.06
12/28/98	--	--	--	--	--	--	--	--	83000	7.2	--	ND	297	--	3.42
03/22/99	--	--	--	--	--	--	--	--	2100	ND	--	0.98	330	--	3.88
06/09/99	--	--	--	--	--	--	--	--	470	0.20	--	ND	320	--	3.29
09/08/99	--	--	--	--	--	--	--	--	140	5.59	--	ND	305	--	3.12
12/07/99	--	--	--	--	--	--	--	--	260	ND	--	ND	443	--	3.44
03/13/00	--	--	--	--	--	--	--	--	790	0.26	--	ND	222	--	--
06/21/00	--	--	--	--	--	--	--	--	1900	ND	--	ND	159	--	3.27
09/27/00	--	--	--	--	--	--	--	--	2600	ND	--	ND	170	--	3.49
12/12/00	--	--	--	--	--	--	--	--	ND	2.7	--	ND	128	--	3.06
03/07/01	ND	ND	ND	ND	ND	ND	ND	--	--	--	--	--	--	--	--
06/06/01	ND	ND	ND	ND	ND	ND	ND	--	470	0.15	--	0.70	97	--	2.46
09/24/01	ND<2000	ND<40000	ND<100	ND<100	ND<100	ND<100	ND<100	--	ND<100	0.58	--	--	123	--	3.10
12/10/01	ND<200	ND<400	ND<5.0	ND<5.0	ND<5.0	ND<5.0	ND<5.0	--	990	0.50	--	2.0	112	--	2.57
03/11/02	ND<400	ND<2000	ND<8.0	ND<8.0	ND<8.0	ND<8.0	ND<8.0	--	1200	ND<0.50	--	0.089	128	--	3.03
06/04/02	--	--	--	--	--	--	--	--	ND<100	ND<0.50	--	ND<1.0	97	--	2.84
09/03/02	ND<2000	ND<10000	ND<40	ND<40	ND<40	ND<40	ND<40	--	ND<100	0.58	--	1.1	110	--	3.12
12/03/02	ND<1000	ND<5000	ND<20	ND<20	ND<20	ND<20	ND<20	--	1200	ND<1.0	--	2.6	95	--	2.96
03/04/03	ND<2000	ND<10000	ND<40	ND<40	ND<40	ND<40	ND<40	--	20000	ND<1.0	--	ND<1.0	-112	--	0.30
06/18/03	ND<2000	ND<10000	ND<40	ND<40	ND<40	ND<40	ND<40	--	3200	ND<1.0	--	2.0	-15	3.2	--
09/24/03	ND<20000	ND<100000	ND<400	ND<400	ND<400	ND<400	ND<400	--	1.4	ND<1.0	--	4.6	-12	--	0.30
12/02/03	--	ND<10000	--	--	--	--	--	--	1400	--	--	--	--	3.10	2.53
03/30/04	770	ND<1000	ND<10	ND<10	ND<20	ND<10	ND<10	--	2600	ND<1.0	ND<1.0	--	--	3.61	1.88
06/07/04	110	ND<1000	ND<10	ND<10	ND<20	ND<10	ND<10	--	2100	0.8	ND<0.20	--	--	2.43	2.90
09/09/04	1900	ND<1000	ND<10	ND<10	ND<20	ND<10	ND<10	--	870	ND<1.0	3.8	--	--	2.84	2.96
12/20/04	5000	ND<250	ND<2.5	ND<2.5	ND<5.0	ND<2.5	ND<2.5	--	2.5	ND<1.0	ND<1.0	--	--	--	--

Table 2 a
ADDITIONAL HISTORIC ANALYTICAL RESULTS
76 Station 5325

Date Sampled	TBA	Ethanol (8260B)	Ethylene-dibromide (EDB)	1,2-DCA (EDC)	DIPE	ETBE	TAME	Acenaph-thylene	Iron Ferrou	Nitrate	Phosphate (ortho)	Phosphate (total)	Redox Potential (ORP-Lab)	Post-purge Dissolved Oxygen	Pre-purge Dissolved Oxygen
	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(mg/l)	(mg/l)	(mg/l)	(mV)	(mg/l)	(mg/l)
U-6 continued															
03/28/05	990	--	ND<2.5	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--	3.4	ND<1.0	ND<1.0	--	--	3.18	2.57
06/14/05	ND<5.0	ND<100	ND<0.5	ND<0.5	ND<0.50	ND<0.50	ND<0.50	--	4100	3.8	ND<1.0	--	--	4.02	4.20
09/28/05	3800	ND<250	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--	21000	ND<0.20	3.4	--	--	7.93	6.82
12/29/05	1100	ND<250	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--	8300	0.48	ND<0.050	--	--	1.49	3.56
03/27/06	--	ND<250	--	--	--	--	--	--	8800	0.37	0.19	--	--	--	1.33

Table 2 b
ADDITIONAL HISTORIC ANALYTICAL RESULTS
76 Station 5325

Date Sampled	Pre-purge ORP (mV)	Post-purge ORP (mV)
U-1		
12/02/03	-72	-73
03/30/04	-40	-54
06/07/04	-32	-48
12/20/04	--	32
03/28/05	124	138
06/14/05	-145	-177
09/28/05	-065	-160
12/29/05	-310	-508
03/27/06	-667	--
U-2		
12/02/03	-29	-67
03/30/04	-6	--
06/07/04	-8	7
09/09/04	-74	-79
12/20/04	-84	-72
03/28/05	118	140
06/14/05	-155	-206
09/28/05	-100	-179
12/29/05	-578	-484
03/27/06	-1334	--
U-3		
12/02/03	97	105
03/30/04	-38	12
06/07/04	23	42
09/09/04	14	21

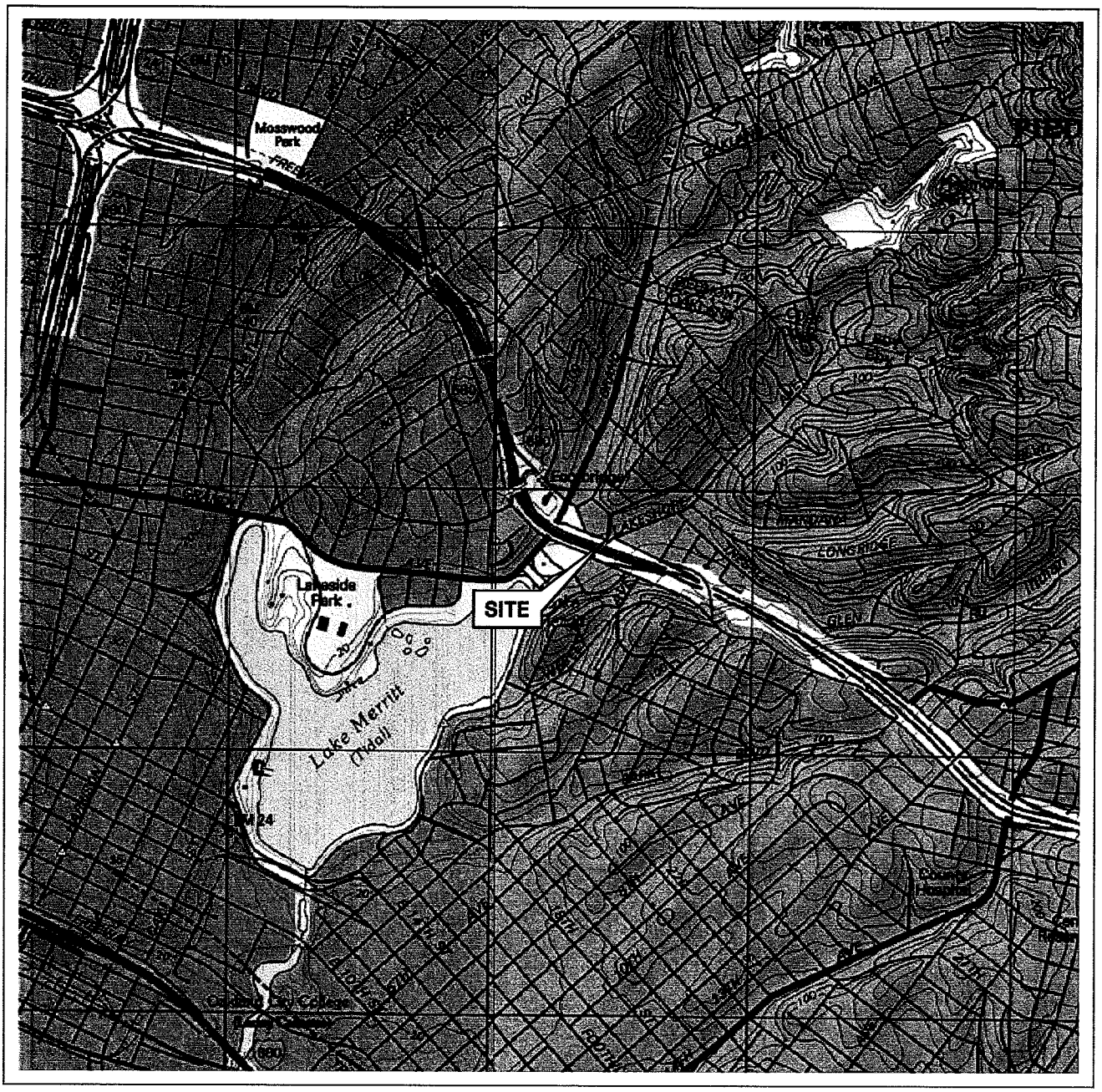
Table 2 b
ADDITIONAL HISTORIC ANALYTICAL RESULTS
76 Station 5325

Date Sampled	Pre-purge ORP (mV)	Post-purge ORP (mV)
U-3 continued		
12/20/04	45	32
03/28/05	145	137
06/14/05	90	86
09/28/05	-068	-060
12/29/05	-802	-1132
03/27/06	-1588	--
U-4		
12/02/03	107	102
03/30/04	19	42
06/07/04	27	15
09/09/04	-26	-8
12/20/04	84	77
03/28/05	163	130
06/14/05	78	88
09/28/05	099	082
12/29/05	-628	-632
03/27/06	-1000	--
U-5		
12/02/03	-39	-39
03/30/04	-19	-37
06/07/04	-15	-31
09/09/04	-41	-67
12/20/04	-65	-72
03/28/05	132	133
06/14/05	-163	-168
09/28/05	-126	-125

Table 2 b
ADDITIONAL HISTORIC ANALYTICAL RESULTS
76 Station 5325

Date Sampled	Pre-purge ORP (mV)	Post-purge ORP (mV)
U-5 continued		
12/29/05	-416	-411
03/27/06	-585	--
U-6		
12/02/03	-99	-74
03/30/04	-28	-33
06/07/04	-32	-62
09/09/04	-89	--
03/28/05	84	96
06/14/05	-158	-175
09/28/05	-028	-141
12/29/05	-480	-548
03/27/06	-953	--

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:
Oakland West Quadrangle

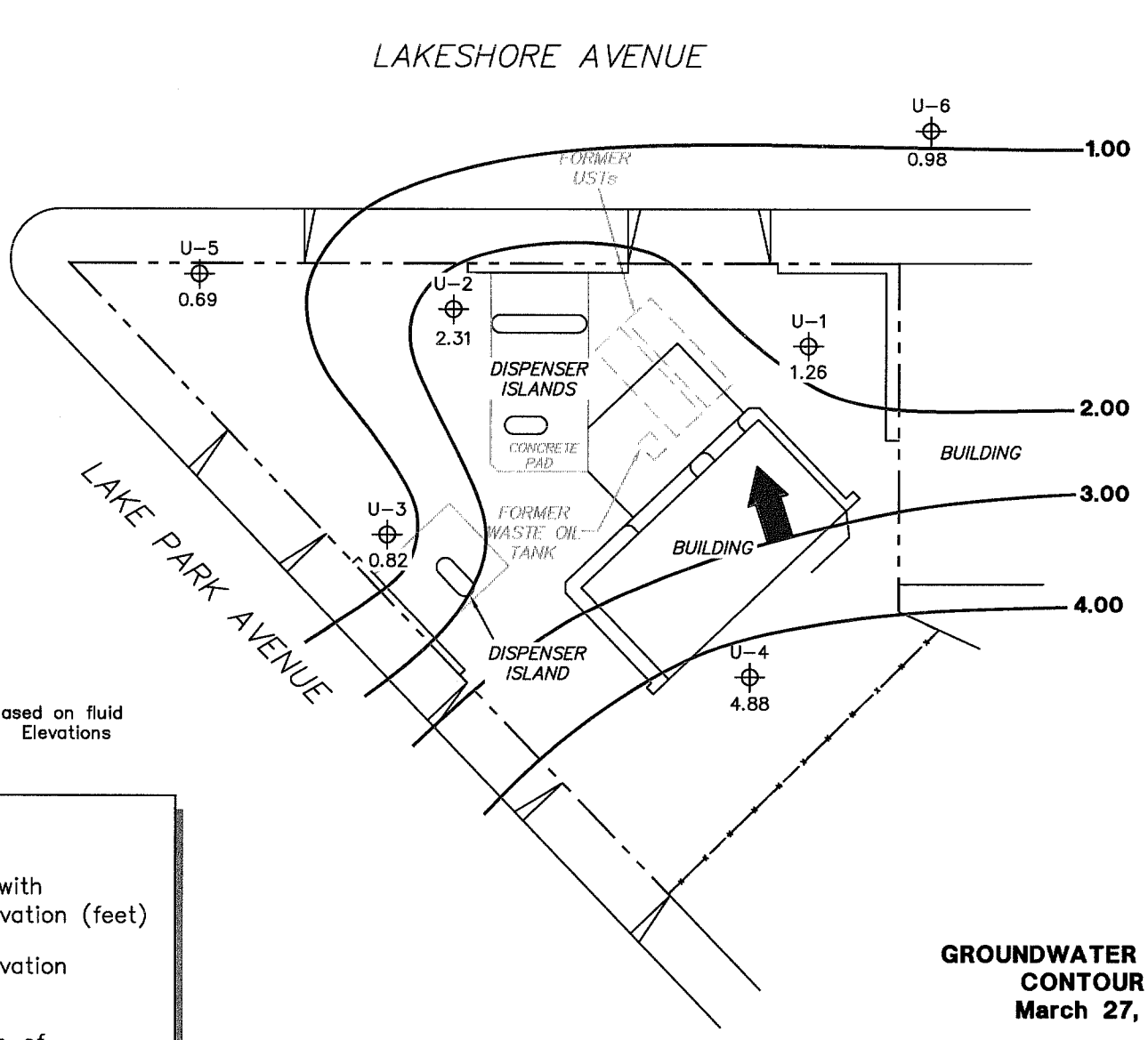
VICINITY MAP

76 Station 5325
3220 Lakeshore Avenue
Oakland, California

FIGURE 1

TRC

PS = 1:1 L:\VICINITY MAPS\5325VM.DWG Apr 17, 2006 - 10:00am lwinters



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

U-6 ⊕ Monitoring Well with Groundwater Elevation (feet)

4.00 —— Groundwater Elevation Contour

General Direction of Groundwater Flow

SCALE (FEET)

0 40

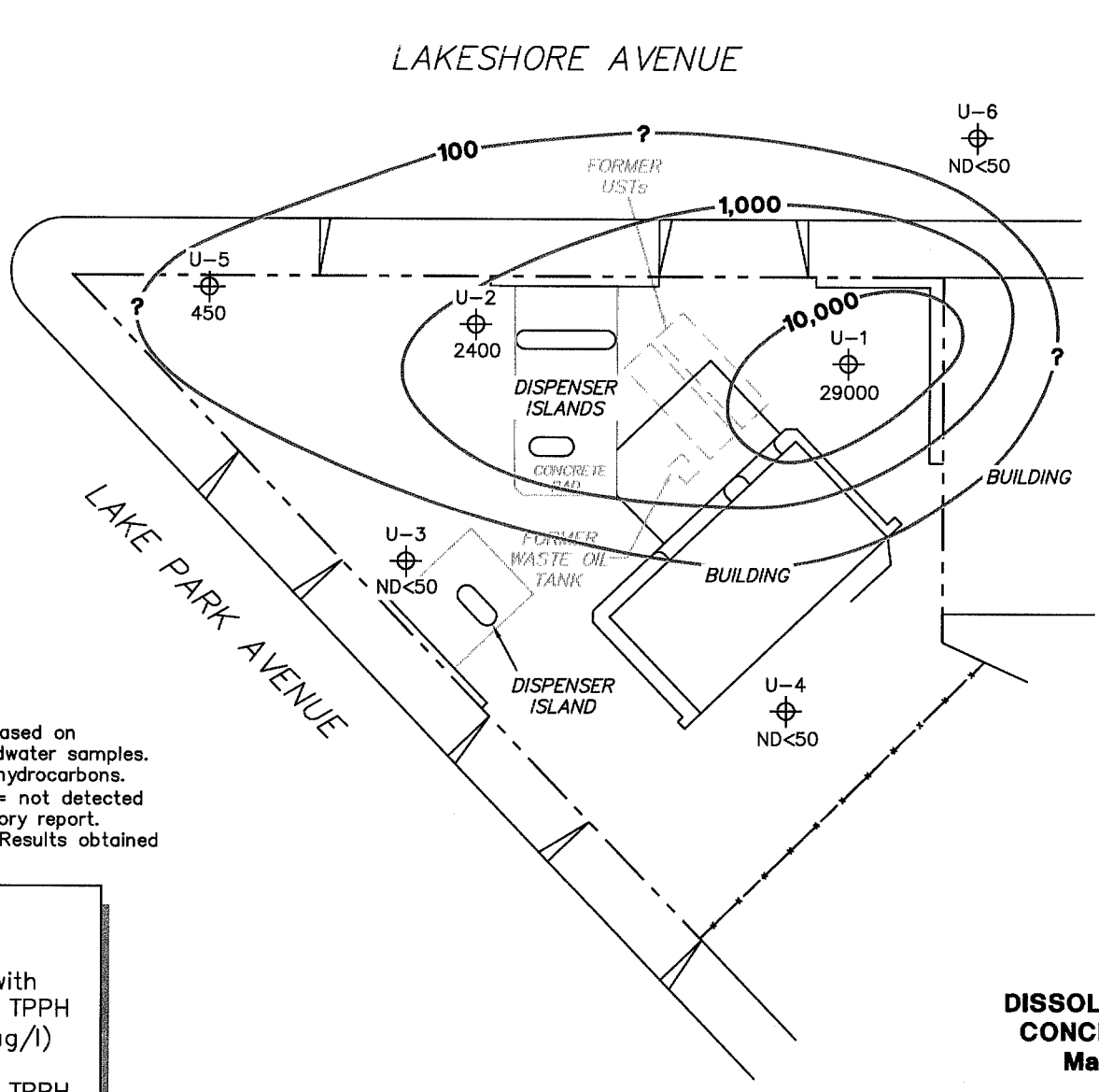
PS=1:1 5325-003

GROUNDWATER ELEVATION CONTOUR MAP
March 27, 2006

76 Station 5325
3220 Lakeshore Avenue
Oakland, California

FIGURE 2

\\IRVINE-FS1\Graphics\Graphics\ProjectsByNumber\20-xxxx\20-0400(UnocalQMS)\x-5000\5325+\5325QMS.DWG Apr 18, 2006 - 8:20am bschmidt



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-6 ⊕ Monitoring Well with Dissolved-Phase TPPH Concentration (µg/l)

-10,000- Dissolved-Phase TPPH Contour (µg/l)

TRC

SCALE (FEET)

0 40

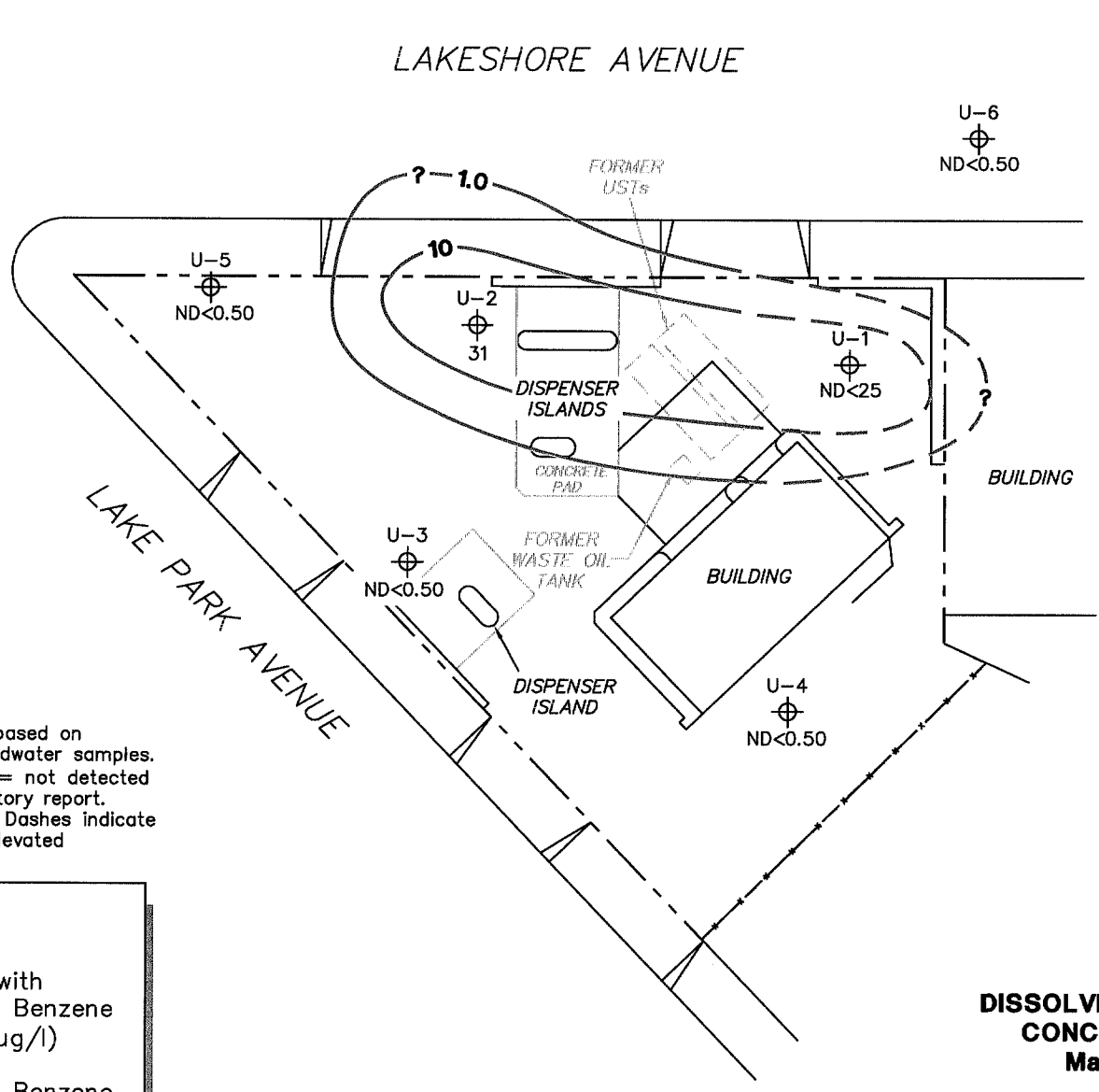
PS=1:1 5325-003

DISSOLVED-PHASE TPPH CONCENTRATION MAP
March 27, 2006

76 Station 5325
3220 Lakeshore Avenue
Oakland, California

FIGURE 3

\\IRVINE-FS1\Graphics\Graphics\ProjectsByNumber\20-xxxx\20-0400(UnocalQMS)\x-5000\5325+\5325QMS.DWG Apr 18, 2006 - 8:41am bschmidt



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. Dashes indicate contour based on non-detect at elevated detection limit.

LEGEND

U-6 ⊕ Monitoring Well with Dissolved-Phase Benzene Concentration (µg/l)

10 Dissolved-Phase Benzene Contour (µg/l)

SCALE (FEET)

0 40

DISSOLVED-PHASE BENZENE CONCENTRATION MAP
March 27, 2006

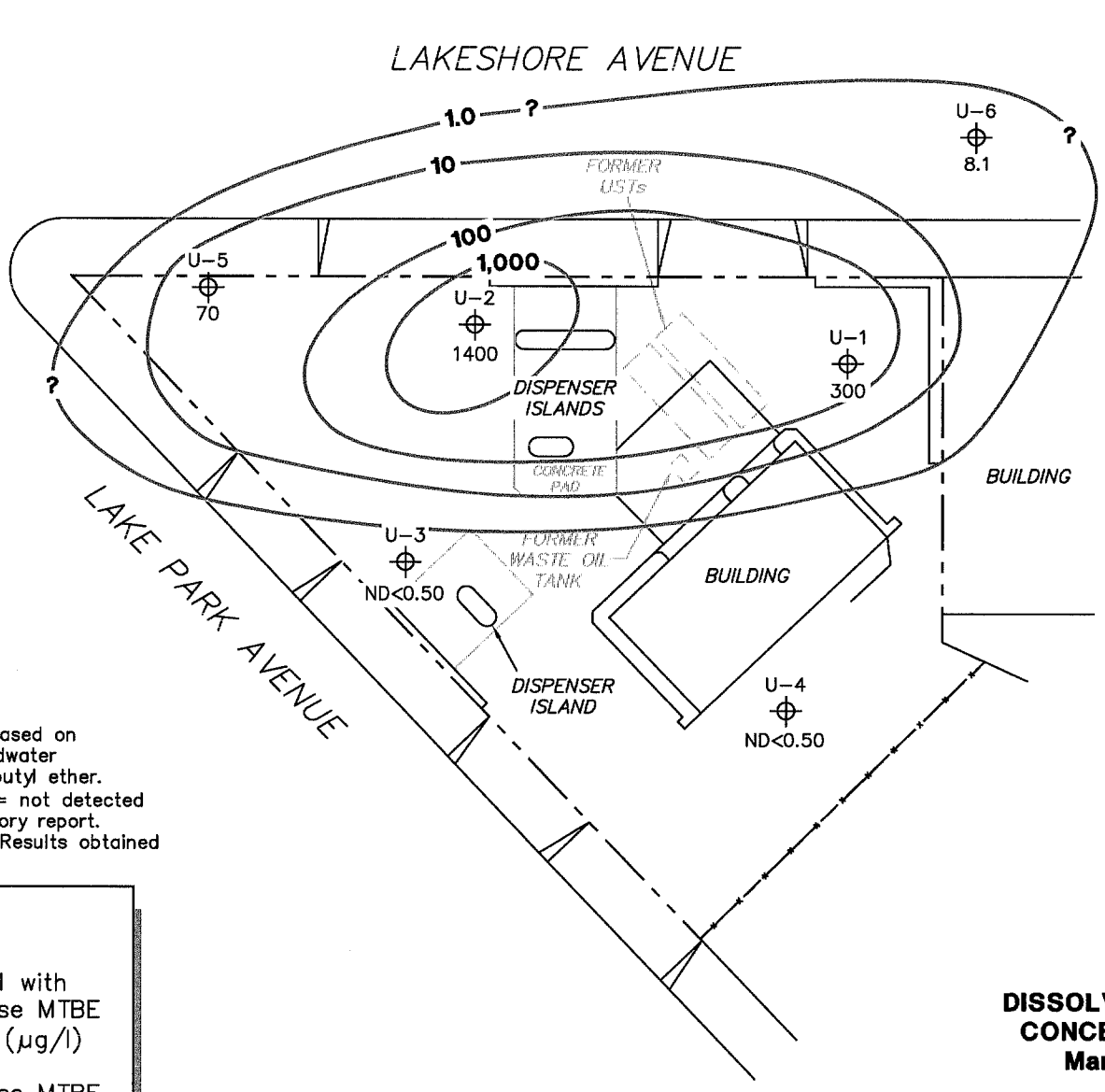
76 Station 5325
3220 Lakeshore Avenue
Oakland, California

FIGURE 4

TRC

PS=1:1 5325-003

\\IRVINE-FS1\Graphics\Graphics\ProjectsByNumber\20-xxxx\20-0400(UnocalQMS)\x-5000\5325+\5325QMS.DWG Apr 18, 2006 - 8:30am bschmidt



NOTES:

Contour lines are interpretive and based on laboratory analysis results of groundwater samples. 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-6 ⊕ Monitoring Well with Dissolved-Phase MTBE Concentration (µg/l)

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

TRC

SCALE (FEET)

0 40

DISSOLVED-PHASE MTBE CONCENTRATION MAP
March 27, 2006

76 Station 5325
3220 Lakeshore Avenue
Oakland, California

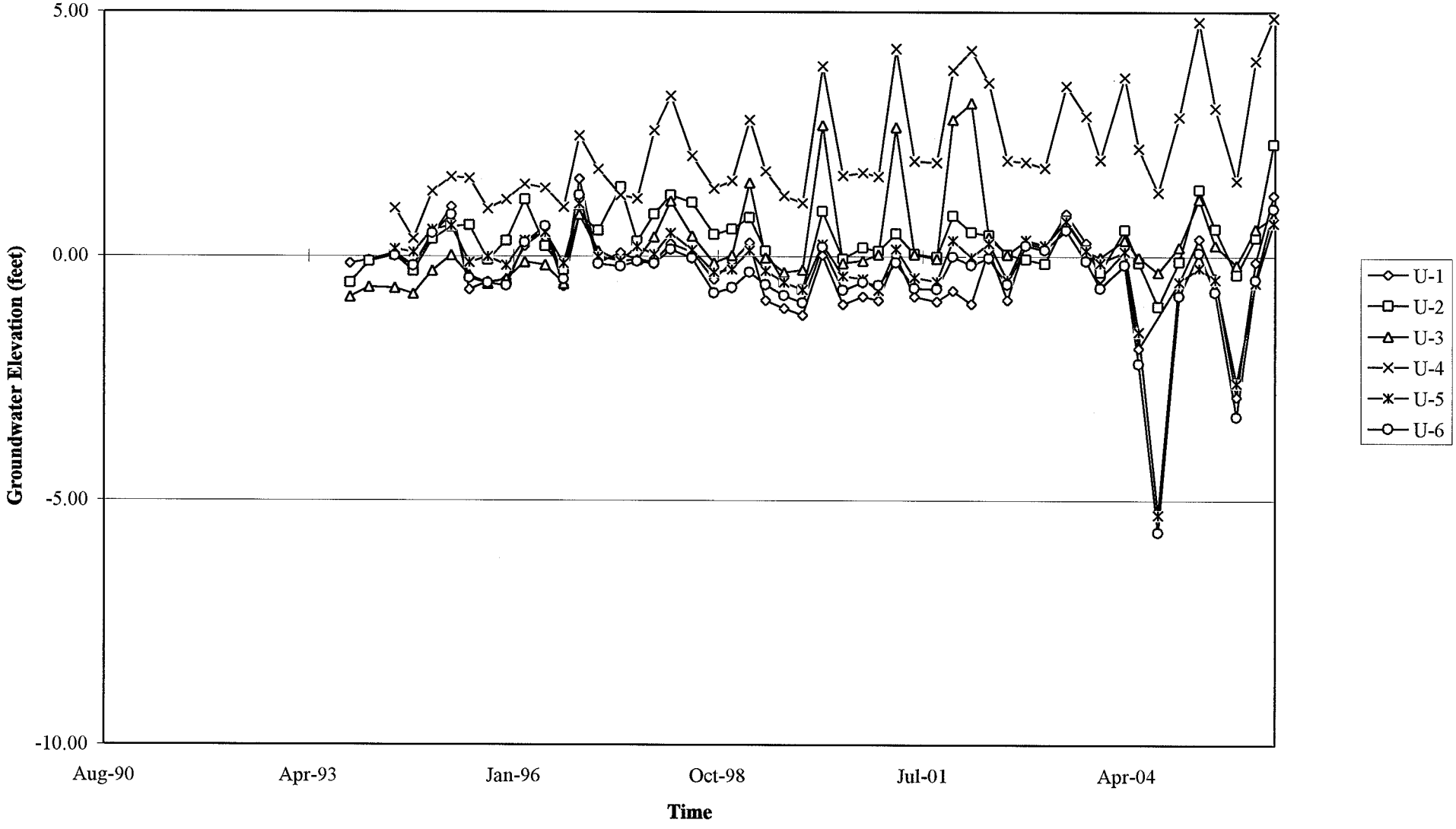
FIGURE 5

PS=1:1 5325-003

\\IRVINE-FS1\Graphics\Graphics\ProjectsByNumber\20-xxxx\20-0400(UnocalQMS)\x-5000\5325+\5325QMS.DWG Apr 18, 2006 - 8:30am bschmidt

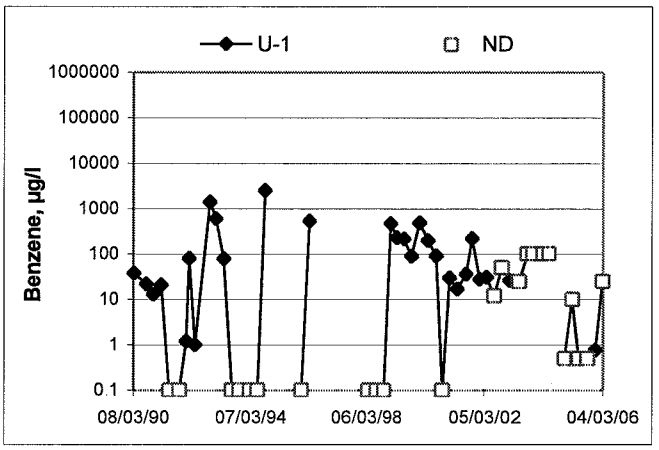
GRAPHS

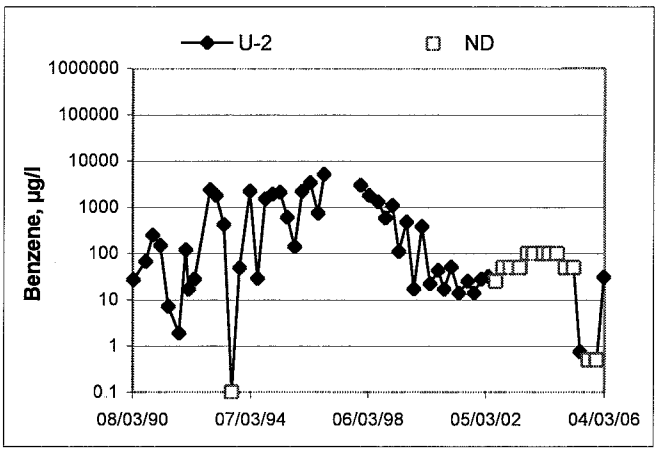
Groundwater Elevations vs. Time
76 Station 5325

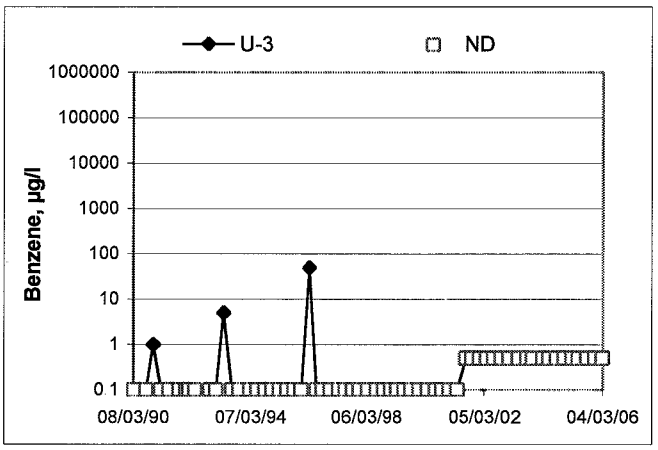


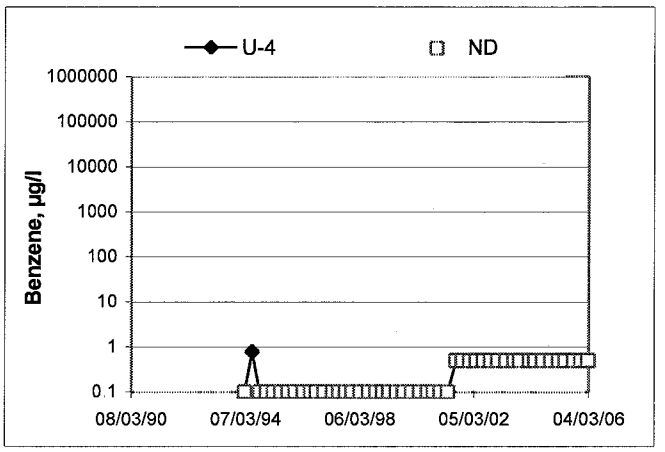
Elevations may have been corrected for apparent changes due to resurvey

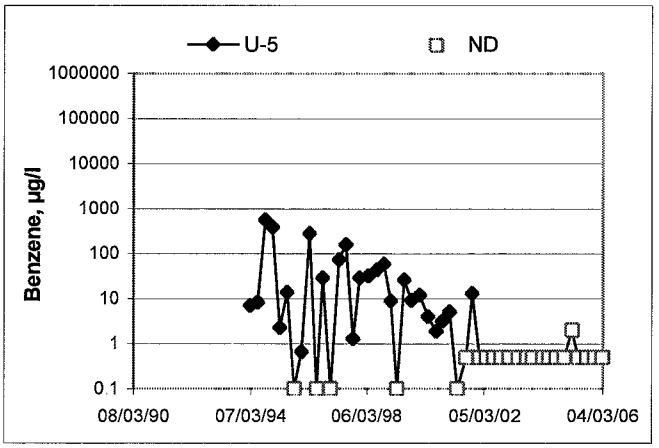
Benzene Concentrations vs Time
76 Station 5325

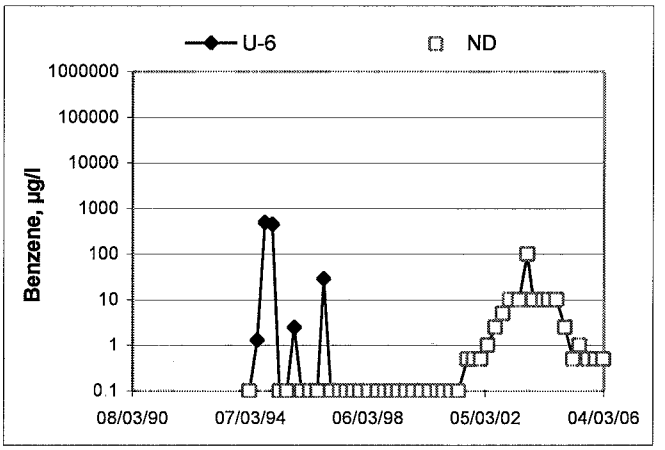












GENERAL FIELD PROCEDURES

Groundwater Monitoring and Sampling Assignments

For each site, TRC technicians are provided with a Technical Service Request (TSR) that specifies activities required to complete the groundwater monitoring and sampling assignment for the site. TSRs are based on client directives, instructions from the primary environmental consultant for the site, regulatory requirements, and TRC's previous experience with the site.

Fluid Level Measurements

Initial site activities include determination of well locations based on a site map provided with the TSR. Well boxes are opened and caps are removed. Indications of well or well box damage or of pressure buildup in the well are noted.

Fluid levels in each well are measured using a coated cloth tape equipped with an electronic interface probe, which distinguishes between liquid phase hydrocarbon (LPH) and water. The depth to LPH (if it is present), to water, and to the bottom of the well are measured from the top of the well casing (surveyors mark or notch if present) to the nearest 0.01 foot. Unless otherwise instructed, a well with less than 0.67 foot between the measured top of water and the measured bottom of the well casing is considered dry, and is not sampled. If the well contains 0.67 foot or more of water, an attempt is made to bail and/or sample as specified on the TSR.

Wells that are found to contain LPH are not purged or sampled. Instead, one casing volume of fluid is bailed from the well and the well is re-sealed. Bailed fluids are placed in a container separate from normal purge water, and properly disposed.

Purging and Groundwater Parameter Measurement

TSR instructions may specify that a well not be purged (no-purge sampling), be purged using low-flow methods, or be purged using conventional pump and/or bail methods. Conventional purging generally consists of pumping or bailing until a minimum of three casing volumes of water have been removed or until the well has been pumped dry. Pumping is generally accomplished using submersible electric or pneumatic diaphragm pumps.

During conventional purging, three groundwater parameters (temperature, pH, and conductivity) are measured after removal of each casing volume. Stabilization of these parameters, to within 10 percent, confirm that sufficient purging has been completed. In some cases, the TSR indicates that other parameters are also to be measured during purging. TRC commonly measures dissolved oxygen (DO), oxidation-reduction potential (ORP), and/or turbidity. Instruments used for groundwater parameter measurements are calibrated daily according to manufacturer's instructions.

Low-flow purging utilizes a bladder or peristaltic pump to remove water from the well at a low rate. Groundwater parameters specified by the TSR are measured continuously until they become stable in general accordance with EPA guidelines.

Purge water is generally collected in labeled drums for disposal. Drums may be left on site for disposal by others, or transported to a collection location for eventual transfer to a licensed treatment or recycling facility. In some cases, purge water may be collected directly from the site by a licensed vacuum truck company, or may be treated on site by an active remediation system, if so directed.

Groundwater Sample Collection

After wells are purged, or not purged, according to TSR instructions, samples are collected for laboratory analysis. For wells that have been purged using conventional pump or bail methods, sampling is conducted after the well has recovered to 80 percent of its original volume or after two hours if the well does not recover to at least 80 percent. If there is insufficient recharge of water in the well after two hours, the well is not sampled.

Samples are collected by lowering a new, disposable, ½-inch to 4-inch polyethylene bottom-fill bailer to just below the water level in the well. The bailer is retrieved and the water sample is carefully transferred to containers specified for the laboratory analytical methods indicated by the TSR. Particular care is given to containers for volatile organic analysis (VOAs) which require filling to zero headspace and fitting with Teflon-sealed caps.

After filling, all containers are labeled with project number (or site number), well designation, sample date, sample time, and the sampler's initials, and placed in an insulated chest with ice. Samples remain chilled prior to and during transport to a state-certified laboratory for analysis. Sample container descriptions and requested analyses are entered onto a chain-of-custody form in order to provide instructions to the laboratory. The chain-of-custody form accompanies the samples during transportation to provide a continuous record of possession from the field to the laboratory. If a freight or overnight carrier transports the samples, the carrier is noted on the form.

For wells that have been purged using low-flow methods, sample containers are filled from the effluent stream of the bladder or peristaltic pump. In some cases, if so specified by the TSR, samples are taken from the sample ports of actively pumping remediation wells.

Sequence of Gauging, Purging and Sampling

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

Decontamination

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

Exceptions

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

FIELD MONITORING DATA SHEET

Technician: Anthony Job #/Task #: 41050001/FA20 Date: 03-27-06

Site # 5325 Project Manager A. Collins Page 1 of 1

Well #	Time Gauged	TOC	Total Depth	Depth to Water	Depth to Product	Product Thickness (feet)	Time Sampled	Misc. Well Notes
U-4	0526	✓	19.92	6.27	—	—	0827	4"
U-3	0529	✓	19.36	10.16	—	—	0848	3"
U-6	0533	✓	23.70	6.16	—	—	0757	2"
U-2	0535	✓	19.79	8.51	—	—	0839	3"
U-5	0536	✓	20.24	6.29	—	—	0800	4"
U-1	0542	✓	13.21	7.20	—	—	0818	3"

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

WTT CERTIFICATE MANIFEST DRUM INVENTORY ✓ TRAFFIC CONTROL ✓

GROUNDWATER SAMPLING FIELD NOTES

Technician: Anthony

Site: 5325 Project No.: 41050001 Date: 03-27-06

Well No.: U-4 Purge Method: Dun

Depth to Water (feet): 6.27 Depth to Product (feet): —

Total Depth (feet): 19.92 LPH & Water Recovered (gallons): —

Water Column (feet): 13.69 Casing Diameter (Inches): 4"

80% Recharge Depth (feet): 8.97 1 Well Volume (gallons): 9

Time Start	Time Stop	Depth To Water (feet)	Volume Purged (gallons)	Conductivity (uS/cm)	Temperature (F C)	pH	Turbidity ORP	D.O.
0612			9	120	16.4	5.90	-1000	5.51
	0616		18	120	16.3	5.70	-1747	5.01
	~~0616~~ AH		27	—	—	—	—	—

Static at Time Sampled	Total Gallons Purged	Time Sampled
13.43	22	0827

Comments: Dry at 22 gal, D.d not recover in 45 min
D.d not recover in 2 hours stated - 15.85

Well No.: U-2 Purge Method: Dun

Depth to Water (feet): 5.31 Depth to Product (feet): —

Total Depth (feet): 19.79 LPH & Water Recovered (gallons): —

Water Column (feet): 14.48 Casing Diameter (Inches): 3"

80% Recharge Depth (feet): 8.21 1 Well Volume (gallons): 5

Time Start	Time Stop	Depth To Water (feet)	Volume Purged (gallons)	Conductivity (uS/cm)	Temperature (F C)	pH	~~Turbidity~~ ORP	D.O.
0621	0624		5	1390	14.0	5.80	-1334	0.95
			10	—	—	—	—	—
			15	—	—	—	—	—

Static at Time Sampled	Total Gallons Purged	Time Sampled
12.42	7	0839

Comments: Dry at 7 gal, D.d not recover in 45 min stated - ~~15.85~~ 15.24
D.d not recover in 2 hours

GROUNDWATER SAMPLING FIELD NOTES

Technician: Anthony

Site: 5325 Project No.: 41050001 Date: 03-27-06

Well No.: U-3 Purge Method: D.a

Depth to Water (feet): 10.16 Depth to Product (feet): —

Total Depth (feet): 19.36 LPH & Water Recovered (gallons): —

Water Column (feet): 9.20 Casing Diameter (Inches): 3"

80% Recharge Depth (feet): 12.00 1 Well Volume (gallons): 3

Time Start	Time Stop	Depth To Water (feet)	Volume Purged (gallons)	Conductivity (uS/cm)	Temperature (F C)	pH	~~Turbidity~~ ORP	D.O.
0631			3	790	14.1	6.70	-158	2.67
	0633		6	780	15.4	7.30	-125	7.59
			9	—	—	—	—	—

Static at Time Sampled	Total Gallons Purged	Time Sampled
10.32	6	0648

Comments: Dry at 6 gal, did not recover in 45 min 12.47

Well No.: U-6 Purge Method: D.a

Depth to Water (feet): 6.16 Depth to Product (feet): —

Total Depth (feet): 23.70 LPH & Water Recovered (gallons): —

Water Column (feet): 17.54 Casing Diameter (Inches): 2"

80% Recharge Depth (feet): 9.67 1 Well Volume (gallons): 3

Time Start	Time Stop	Depth To Water (feet)	Volume Purged (gallons)	Conductivity (uS/cm)	Temperature (F, C)	pH	~~Turbidity~~ ORP	D.O.
0642			3	1390	13.7	6.30	-95 3	1.33
			6	1580	14.1	6.40	-915	1.33
	0645		9	1560	15.0	6.40	-908	1.53

Static at Time Sampled	Total Gallons Purged	Time Sampled
6.55	9	0757

Comments:

GROUNDWATER SAMPLING FIELD NOTES

Technician: Anthony

Site: 5325 Project No.: 41050001 Date: 03-27-06

Well No.: U-5 Purge Method: D-2

Depth to Water (feet): 6.29 Depth to Product (feet): —

Total Depth (feet): 20.04 LPH & Water Recovered (gallons): —

Water Column (feet): 13.75 Casing Diameter (Inches): 4"

80% Recharge Depth (feet): 9.04 1 Well Volume (gallons): 9

Time Start	Time Stop	Depth To Water (feet)	Volume Purged (gallons)	Conductivity (uS/cm)	Temperature (F, C)	pH	Turbidity ORP	D.O.
0656			9	1320	14.0	6.50	-585	2.69
			18	1000	16.9	6.40	-607	4.77
	0704		27	1140	17.6	6.80	-447	5.10

Static at Time Sampled	Total Gallons Purged	Time Sampled
8.64	27	0806

Comments:

Well No.: U-1 Purge Method: D-2

Depth to Water (feet): 7.20 Depth to Product (feet): —

Total Depth (feet): 13.21 LPH & Water Recovered (gallons): —

Water Column (feet): 6.01 Casing Diameter (Inches): 3"

80% Recharge Depth (feet): 8.40 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.
0715			2	750	15.1	6.50	-667	1.95
			4	770	15.0	6.50	-385	4.72
	0718		6	770	15.2	6.70	-325	5.47

Static at Time Sampled	Total Gallons Purged	Time Sampled
7.61	6	0818

Comments:

BC Laboratories, Inc

Date of Report: 04/10/2006

Anju Farfan

TRC Alton Geoscience

21 Technology Drive
Irvine, CA 92618-2302

RE: 5325

BC Lab Number: 0602892

Enclosed are the results of analyses for samples received by the laboratory on 03/27/06 22:30. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Contact Person: Vanessa Hooker

Client Service Rep

Authorized Signature

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

Project: 5325
Project Number: [none]
Project Manager: Anju Farfan

Reported: 04/10/06 14:39

Laboratory / Client Sample Cross Reference

Laboratory	Client Sample Information				
0602892-01	**COC Number:**	---	**Receive Date:**	03/27/06 22:30	Delivery Work Order:
	Project Number:	5325	**Sampling Date:**	03/27/06 08:27	Global ID: T0600101463
	Sampling Location:	U-4	**Sample Depth:**	---	Matrix: W
	Sampling Point:	U-4	**Sample Matrix:**	Water	Samle QC Type (SACode): CS
	Sampled By:	Anthony of TRCI			Cooler ID:
0602892-02	**COC Number:**	---	**Receive Date:**	03/27/06 22:30	Delivery Work Order:
	Project Number:	5325	**Sampling Date:**	03/27/06 08:48	Global ID: T0600101463
	Sampling Location:	U-3	**Sample Depth:**	---	Matrix: W
	Sampling Point:	U-3	**Sample Matrix:**	Water	Samle QC Type (SACode): CS
	Sampled By:	Anthony of TRCI			Cooler ID:
0602892-03	**COC Number:**	---	**Receive Date:**	03/27/06 22:30	Delivery Work Order:
	Project Number:	5325	**Sampling Date:**	03/27/06 07:57	Global ID: T0600101463
	Sampling Location:	U-6	**Sample Depth:**	---	Matrix: W
	Sampling Point:	U-6	**Sample Matrix:**	Water	Samle QC Type (SACode): CS
	Sampled By:	Anthony of TRCI			Cooler ID:
0602892-04	**COC Number:**	---	**Receive Date:**	03/27/06 22:30	Delivery Work Order:
	Project Number:	5325	**Sampling Date:**	03/27/06 08:39	Global ID: T0600101463
	Sampling Location:	U-2	**Sample Depth:**	---	Matrix: W
	Sampling Point:	U-2	**Sample Matrix:**	Water	Samle QC Type (SACode): CS
	Sampled By:	Anthony of TRCI			Cooler ID:
0602892-05	**COC Number:**	---	**Receive Date:**	03/27/06 22:30	Delivery Work Order:
	Project Number:	5325	**Sampling Date:**	03/27/06 08:00	Global ID: T0600101463
	Sampling Location:	U-5	**Sample Depth:**	---	Matrix: W
	Sampling Point:	U-5	**Sample Matrix:**	Water	Samle QC Type (SACode): CS
	Sampled By:	Anthony of TRCI			Cooler ID:

BC Laboratories
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TRC Alton Geoscience	Project: 5325	
21 Technology Drive	Project Number: [none]	
Irvine CA, 92618-2302	Project Manager: Anju Farfan	**Reported:** 04/10/06 14:39

Laboratory / Client Sample Cross Reference

Laboratory	Client Sample Information

0602892-06

COC Number:	---	**Receive Date:**	03/27/06 22:30	Delivery Work Order:	
Project Number:	5325	**Sampling Date:**	03/27/06 08:18	Global ID:	T0600101463
Sampling Location:	U-1	**Sample Depth:**	---	Matrix:	W
Sampling Point:	U-1	**Sample Matrix:**	Water	Samle QC Type (SACode):	CS
Sampled By:	Anthony of TRCI			Cooler ID:	

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TRC Alton Geoscience	Project: 5325	
21 Technology Drive	Project Number: [none]	
Irvine CA, 92618-2302	Project Manager: Anju Farfan	**Reported:** 04/10/06 14:39

Volatile Organic Analysis (EPA Method 8260)

BCL Sample ID: 0602892-01 | **Client Sample Name:** 5325, U-4, U-4, 3/27/2006 8:27:00AM, Anthony

Constituent	Result	Units	PQL	MDL	Method	Prep Date	Run Date/Time	Analyst	Instrument ID	Dilution	QC Batch ID	MB Bias	Lab Quals
Benzene	ND	ug/L	0.50		EPA-8260	03/31/06	04/01/06 14:45	CAR	MS-V6	1	BPC1430	ND	
Ethylbenzene	ND	ug/L	0.50		EPA-8260	03/31/06	04/01/06 14:45	CAR	MS-V6	1	BPC1430	ND	
Methyl t-butyl ether	ND	ug/L	0.50		EPA-8260	03/31/06	04/01/06 14:45	CAR	MS-V6	1	BPC1430	ND	
Toluene	ND	ug/L	0.50		EPA-8260	03/31/06	04/01/06 14:45	CAR	MS-V6	1	BPC1430	ND	
Total Xylenes	ND	ug/L	1.0		EPA-8260	03/31/06	04/01/06 14:45	CAR	MS-V6	1	BPC1430	ND	
Ethanol	ND	ug/L	250		EPA-8260	03/31/06	04/01/06 14:45	CAR	MS-V6	1	BPC1430	ND	
Total Purgeable Petroleum Hydrocarbons	ND	ug/L	50		EPA-8260	03/31/06	04/01/06 14:45	CAR	MS-V6	1	BPC1430	ND	
1,2-Dichloroethane-d4 (Surrogate)	91.3	%	76 - 114 (LCL - UCL)		EPA-8260	03/31/06	04/01/06 14:45	CAR	MS-V6	1	BPC1430		
Toluene-d8 (Surrogate)	99.9	%	88 - 110 (LCL - UCL)		EPA-8260	03/31/06	04/01/06 14:45	CAR	MS-V6	1	BPC1430		
4-Bromofluorobenzene (Surrogate)	87.9	%	86 - 115 (LCL - UCL)		EPA-8260	03/31/06	04/01/06 14:45	CAR	MS-V6	1	BPC1430		

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

Project: 5325
Project Number: [none]
Project Manager: Anju Farfan

Reported: 04/10/06 14:39

Water Analysis (General Chemistry)

BCL Sample ID: 0602892-01 | **Client Sample Name:** 5325, U-4, U-4, 3/27/2006 8:27:00AM, Anthony

Constituent	Result	Units	PQL	MDL	Method	Prep Date	Run Date/Time	Analyst	Instrument ID	Dilution	QC Batch ID	MB Bias	Lab Quals
Nitrate as N	6.4	mg/L	0.10		EPA-300.0	03/27/06	03/28/06 12:12	NTN	IC1	1	BPC1162	ND	
Iron (II) Species	ND	ug/L	100		SM-3500-Fe	03/28/06	03/28/06 06:30	MV1	SPEC05	1	BPD0074	11	
ortho-Phosphate	0.41	mg/L	0.050		EPA-365.1	03/28/06	03/28/06 11:48	TDC	KONE-1	1	BPC1280	ND	

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

Project: 5325
Project Number: [none]
Project Manager: Anju Farfan

Reported: 04/10/06 14:39

Volatile Organic Analysis (EPA Method 8260)

BCL Sample ID: 0602892-02 | **Client Sample Name:** 5325, U-3, U-3, 3/27/2006 8:48:00AM, Anthony

Constituent	Result	Units	PQL	MDL	Method	Prep Date	Run Date/Time	Analyst	Instrument ID	Dilution	QC Batch ID	MB Bias	Lab Quals
Benzene	ND	ug/L	0.50		EPA-8260	03/31/06	04/01/06 15:08	CAR	MS-V6	1	BPC1430	ND	
Ethylbenzene	ND	ug/L	0.50		EPA-8260	03/31/06	04/01/06 15:08	CAR	MS-V6	1	BPC1430	ND	
Methyl t-butyl ether	ND	ug/L	0.50		EPA-8260	03/31/06	04/01/06 15:08	CAR	MS-V6	1	BPC1430	ND	
Toluene	ND	ug/L	0.50		EPA-8260	03/31/06	04/01/06 15:08	CAR	MS-V6	1	BPC1430	ND	
Total Xylenes	ND	ug/L	1.0		EPA-8260	03/31/06	04/01/06 15:08	CAR	MS-V6	1	BPC1430	ND	
Ethanol	ND	ug/L	250		EPA-8260	03/31/06	04/01/06 15:08	CAR	MS-V6	1	BPC1430	ND	
Total Purgeable Petroleum Hydrocarbons	ND	ug/L	50		EPA-8260	03/31/06	04/01/06 15:08	CAR	MS-V6	1	BPC1430	ND	
1,2-Dichloroethane-d4 (Surrogate)	89.2	%	76 - 114 (LCL - UCL)		EPA-8260	03/31/06	04/01/06 15:08	CAR	MS-V6	1	BPC1430		
Toluene-d8 (Surrogate)	97.9	%	88 - 110 (LCL - UCL)		EPA-8260	03/31/06	04/01/06 15:08	CAR	MS-V6	1	BPC1430		
4-Bromofluorobenzene (Surrogate)	89.5	%	86 - 115 (LCL - UCL)		EPA-8260	03/31/06	04/01/06 15:08	CAR	MS-V6	1	BPC1430		

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TRC Alton Geoscience	Project: 5325	
21 Technology Drive	Project Number: [none]	
Irvine CA, 92618-2302	Project Manager: Anju Farfan	**Reported:** 04/10/06 14:39

Water Analysis (General Chemistry)

BCL Sample ID: 0602892-02 | **Client Sample Name:** 5325, U-3, U-3, 3/27/2006 8:48:00AM, Anthony

Constituent	Result	Units	PQL	MDL	Method	Prep Date	Run Date/Time	Analyst	Instrument ID	Dilution	QC Batch ID	MB Bias	Lab Quals
Nitrate as N	4.5	mg/L	0.10		EPA-300.0	03/27/06	03/28/06 13:27	NTN	IC1	1	BPC1162	ND	
Iron (II) Species	ND	ug/L	100		SM-3500-Fe	03/28/06	03/28/06 06:30	MV1	SPEC05	1	BPD0074	11	
ortho-Phosphate	0.66	mg/L	0.050		EPA-365.1	03/28/06	03/28/06 11:36	TDC	KONE-1	1	BPC1280	ND	

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TRC Alton Geoscience	Project: 5325	
21 Technology Drive	Project Number: [none]	
Irvine CA, 92618-2302	Project Manager: Anju Farfan	**Reported:** 04/10/06 14:39

Volatile Organic Analysis (EPA Method 8260)

BCL Sample ID: 0602892-03 | **Client Sample Name:** 5325, U-6, U-6, 3/27/2006 7:57:00AM, Anthony

Constituent	Result	Units	PQL	MDL	Method	Prep Date	Run Date/Time	Analyst	Instrument ID	Dilution	QC Batch ID	MB Bias	Lab Quals
Benzene	ND	ug/L	0.50		EPA-8260	03/31/06	04/01/06 15:31	CAR	MS-V6	1	BPC1430	ND	
Ethylbenzene	ND	ug/L	0.50		EPA-8260	03/31/06	04/01/06 15:31	CAR	MS-V6	1	BPC1430	ND	
Methyl t-butyl ether	8.1	ug/L	0.50		EPA-8260	03/31/06	04/01/06 15:31	CAR	MS-V6	1	BPC1430	ND	
Toluene	ND	ug/L	0.50		EPA-8260	03/31/06	04/01/06 15:31	CAR	MS-V6	1	BPC1430	ND	
Total Xylenes	ND	ug/L	1.0		EPA-8260	03/31/06	04/01/06 15:31	CAR	MS-V6	1	BPC1430	ND	
Ethanol	ND	ug/L	250		EPA-8260	03/31/06	04/01/06 15:31	CAR	MS-V6	1	BPC1430	ND	
Total Purgeable Petroleum Hydrocarbons	ND	ug/L	50		EPA-8260	03/31/06	04/01/06 15:31	CAR	MS-V6	1	BPC1430	ND	
1,2-Dichloroethane-d4 (Surrogate)	94.8	%	76 - 114 (LCL - UCL)		EPA-8260	03/31/06	04/01/06 15:31	CAR	MS-V6	1	BPC1430		
Toluene-d8 (Surrogate)	101	%	88 - 110 (LCL - UCL)		EPA-8260	03/31/06	04/01/06 15:31	CAR	MS-V6	1	BPC1430		
4-Bromofluorobenzene (Surrogate)	87.9	%	86 - 115 (LCL - UCL)		EPA-8260	03/31/06	04/01/06 15:31	CAR	MS-V6	1	BPC1430		

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TRC Alton Geoscience	Project: 5325	
21 Technology Drive	Project Number: [none]	
Irvine CA, 92618-2302	Project Manager: Anju Farfan	**Reported:** 04/10/06 14:39

Water Analysis (General Chemistry)

BCL Sample ID: 0602892-03 | **Client Sample Name:** 5325, U-6, U-6, 3/27/2006 7:57:00AM, Anthony

Constituent	Result	Units	PQL	MDL	Method	Prep Date	Run Date/Time	Analyst	Instru-ment ID	Dilution	QC Batch ID	MB Bias	Lab Quals
Nitrate as N	0.37	mg/L	0.10		EPA-300.0	03/27/06	03/28/06 20:23	NTN	IC1	1	BPC1162	ND	
Iron (II) Species	8800	ug/L	200		SM-3500-Fe	03/28/06	03/28/06 06:30	MV1	SPEC05	2	BPD0074	22	A01
ortho-Phosphate	0.19	mg/L	0.050		EPA-365.1	03/28/06	03/28/06 11:36	TDC	KONE-1	1	BPC1280	ND	

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TRC Alton Geoscience	Project: 5325	
21 Technology Drive	Project Number: [none]	
Irvine CA, 92618-2302	Project Manager: Anju Farfan	**Reported:** 04/10/06 14:39

Volatile Organic Analysis (EPA Method 8260)

BCL Sample ID: 0602892-04 | **Client Sample Name:** 5325, U-2, U-2, 3/27/2006 8:39:00AM, Anthony

Constituent	Result	Units	PQL	MDL	Method	Prep Date	Run Date/Time	Analyst	Instrument ID	Dilution	QC Batch ID	MB Bias	Lab Quals
Benzene	31	ug/L	0.50		EPA-8260	03/31/06	04/02/06 04:06	CAR	MS-V6	1	BPC1430	ND	
Ethylbenzene	120	ug/L	25		EPA-8260	03/31/06	04/03/06 19:17	car	MS-V6	50	BPC1430	ND	A01
Methyl t-butyl ether	1400	ug/L	25		EPA-8260	03/31/06	04/03/06 19:17	car	MS-V6	50	BPC1430	ND	A01
Toluene	0.73	ug/L	0.50		EPA-8260	03/31/06	04/02/06 04:06	CAR	MS-V6	1	BPC1430	ND	
Total Xylenes	15	ug/L	1.0		EPA-8260	03/31/06	04/02/06 04:06	CAR	MS-V6	1	BPC1430	ND	
Ethanol	ND	ug/L	250		EPA-8260	03/31/06	04/02/06 04:06	CAR	MS-V6	1	BPC1430	ND	
Total Purgeable Petroleum Hydrocarbons	2400	ug/L	50		EPA-8260	03/31/06	04/02/06 04:06	CAR	MS-V6	1	BPC1430	ND	
1,2-Dichloroethane-d4 (Surrogate)	94.3	%	76 - 114 (LCL - UCL)		EPA-8260	03/31/06	04/02/06 04:06	CAR	MS-V6	1	BPC1430		
1,2-Dichloroethane-d4 (Surrogate)	101	%	76 - 114 (LCL - UCL)		EPA-8260	03/31/06	04/03/06 19:17	car	MS-V6	50	BPC1430		A01
Toluene-d8 (Surrogate)	103	%	88 - 110 (LCL - UCL)		EPA-8260	03/31/06	04/03/06 19:17	car	MS-V6	50	BPC1430		A01
Toluene-d8 (Surrogate)	100	%	88 - 110 (LCL - UCL)		EPA-8260	03/31/06	04/02/06 04:06	CAR	MS-V6	1	BPC1430		
4-Bromofluorobenzene (Surrogate)	92.3	%	86 - 115 (LCL - UCL)		EPA-8260	03/31/06	04/03/06 19:17	car	MS-V6	50	BPC1430		A01
4-Bromofluorobenzene (Surrogate)	117	%	86 - 115 (LCL - UCL)		EPA-8260	03/31/06	04/02/06 04:06	CAR	MS-V6	1	BPC1430		S09

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

Project: 5325
Project Number: [none]
Project Manager: Anju Farfan

Reported: 04/10/06 14:39

Water Analysis (General Chemistry)

BCL Sample ID: 0602892-04 | **Client Sample Name:** 5325, U-2, U-2, 3/27/2006 8:39:00AM, Anthony

Constituent	Result	Units	PQL	MDL	Method	Prep Date	Run Date/Time	Analyst	Instrument ID	Dilution	QC Batch ID	MB Bias	Lab Quals
Nitrate as N	ND	mg/L	0.10		EPA-300.0	03/27/06	03/28/06 20:42	NTN	IC1	1	BPC1162	ND	
Iron (II) Species	1100	ug/L	100		SM-3500-Fe	03/28/06	03/28/06 06:30	MV1	SPEC05	1	BPD0074	11	
ortho-Phosphate	ND	mg/L	0.050		EPA-365.1	03/28/06	03/28/06 11:36	TDC	KONE-1	1	BPC1280	ND	

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21 Technology Drive
Irvine CA, 92618-2302

Project: 5325
Project Number: [none]
Project Manager: Anju Farfan

Reported: 04/10/06 14:39

Volatile Organic Analysis (EPA Method 8260)

BCL Sample ID: 0602892-05 | **Client Sample Name:** 5325, U-5, U-5, 3/27/2006 8:00:00AM, Anthony

Constituent	Result	Units	PQL	MDL	Method	Prep Date	Run Date/Time	Analyst	Instrument ID	Dilution	QC Batch ID	MB Bias	Lab Quals
Benzene	ND	ug/L	0.50		EPA-8260	03/31/06	04/01/06 15:54	CAR	MS-V6	1	BPC1430	ND	
Ethylbenzene	8.3	ug/L	0.50		EPA-8260	03/31/06	04/01/06 15:54	CAR	MS-V6	1	BPC1430	ND	
Methyl t-butyl ether	70	ug/L	0.50		EPA-8260	03/31/06	04/01/06 15:54	CAR	MS-V6	1	BPC1430	ND	
Toluene	ND	ug/L	0.50		EPA-8260	03/31/06	04/01/06 15:54	CAR	MS-V6	1	BPC1430	ND	
Total Xylenes	ND	ug/L	1.0		EPA-8260	03/31/06	04/01/06 15:54	CAR	MS-V6	1	BPC1430	ND	
Ethanol	ND	ug/L	250		EPA-8260	03/31/06	04/01/06 15:54	CAR	MS-V6	1	BPC1430	ND	
Total Purgeable Petroleum Hydrocarbons	450	ug/L	50		EPA-8260	03/31/06	04/01/06 15:54	CAR	MS-V6	1	BPC1430	ND	
1,2-Dichloroethane-d4 (Surrogate)	94.8	%	76 - 114 (LCL - UCL)		EPA-8260	03/31/06	04/01/06 15:54	CAR	MS-V6	1	BPC1430		
Toluene-d8 (Surrogate)	101	%	88 - 110 (LCL - UCL)		EPA-8260	03/31/06	04/01/06 15:54	CAR	MS-V6	1	BPC1430		
4-Bromofluorobenzene (Surrogate)	98.7	%	86 - 115 (LCL - UCL)		EPA-8260	03/31/06	04/01/06 15:54	CAR	MS-V6	1	BPC1430		

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Project: 5325
Project Number: [none]
Project Manager: Anju Farfan

Reported: 04/10/06 14:39

Water Analysis (General Chemistry)

BCL Sample ID: 0602892-05 | **Client Sample Name:** 5325, U-5, U-5, 3/27/2006 8:00:00AM, Anthony

Constituent	Result	Units	PQL	MDL	Method	Prep Date	Run Date/Time	Analyst	Instrument ID	Dilution	QC Batch ID	MB Bias	Lab Quals
Nitrate as N	ND	mg/L	0.50		EPA-300.0	03/27/06	03/28/06 15:39	NTN	IC1	5	BPC1162	ND	A01
Iron (II) Species	6300	ug/L	200		SM-3500-Fe	03/28/06	03/28/06 06:30	MV1	SPEC05	2	BPD0074	22	A01
ortho-Phosphate	ND	mg/L	0.050		EPA-365.1	03/28/06	03/28/06 11:36	TDC	KONE-1	1	BPC1280	ND	

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Project: 5325
Project Number: [none]
Project Manager: Anju Farfan

Reported: 04/10/06 14:39

Volatile Organic Analysis (EPA Method 8260)

BCL Sample ID: 0602892-06 | **Client Sample Name:** 5325, U-1, U-1, 3/27/2006 8:18:00AM, Anthony

Constituent	Result	Units	PQL	MDL	Method	Prep Date	Run Date/Time	Analyst	Instrument ID	Dilution	QC Batch ID	MB Bias	Lab Quals
Benzene	ND	ug/L	25		EPA-8260	03/31/06	04/02/06 21:14	SDU	MS-V6	50	BPC1430	ND	A01
Ethylbenzene	1500	ug/L	25		EPA-8260	03/31/06	04/02/06 21:14	SDU	MS-V6	50	BPC1430	ND	A01
Methyl t-butyl ether	300	ug/L	25		EPA-8260	03/31/06	04/02/06 21:14	SDU	MS-V6	50	BPC1430	ND	A01
Toluene	ND	ug/L	25		EPA-8260	03/31/06	04/02/06 21:14	SDU	MS-V6	50	BPC1430	ND	A01
Total Xylenes	4900	ug/L	50		EPA-8260	03/31/06	04/02/06 21:14	SDU	MS-V6	50	BPC1430	ND	A01
Ethanol	ND	ug/L	12000		EPA-8260	03/31/06	04/02/06 21:14	SDU	MS-V6	50	BPC1430	ND	A01
Total Purgeable Petroleum Hydrocarbons	29000	ug/L	2500		EPA-8260	03/31/06	04/02/06 21:14	SDU	MS-V6	50	BPC1430	ND	A01
1,2-Dichloroethane-d4 (Surrogate)	109	%	76 - 114 (LCL - UCL)		EPA-8260	03/31/06	04/02/06 21:14	SDU	MS-V6	50	BPC1430		A01
Toluene-d8 (Surrogate)	103	%	88 - 110 (LCL - UCL)		EPA-8260	03/31/06	04/02/06 21:14	SDU	MS-V6	50	BPC1430		A01
4-Bromofluorobenzene (Surrogate)	103	%	86 - 115 (LCL - UCL)		EPA-8260	03/31/06	04/02/06 21:14	SDU	MS-V6	50	BPC1430		A01

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TRC Alton Geoscience	Project: 5325	
21 Technology Drive	Project Number: [none]	
Irvine CA, 92618-2302	Project Manager: Anju Farfan	**Reported:** 04/10/06 14:39

Water Analysis (General Chemistry)

BCL Sample ID: 0602892-06 | **Client Sample Name:** 5325, U-1, U-1, 3/27/2006 8:18:00AM, Anthony

Constituent	Result	Units	PQL	MDL	Method	Prep Date	Run Date/Time	Analyst	Instrument ID	Dilution	QC Batch ID	MB Bias	Lab Quals
Nitrate as N	ND	mg/L	0.10		EPA-300.0	03/27/06	03/28/06 15:58	NTN	IC1	1	BPC1162	ND	
Iron (II) Species	8500	ug/L	500		SM-3500-Fe	03/28/06	03/28/06 06:30	MV1	SPEC05	5	BPD0074	56	A01
ortho-Phosphate	ND	mg/L	0.050		EPA-365.1	03/28/06	03/28/06 11:37	TDC	KONE-1	1	BPC1280	ND	

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

Project: 5325
Project Number: [none]
Project Manager: Anju Farfan

Reported: 04/10/06 14:39

Volatile Organic Analysis (EPA Method 8260)

Quality Control Report - Precision & Accuracy

Constituent	Batch ID	QC Sample ID	QC Sample Type	Source Result	Result	Spike Added	Units	RPD	Percent Recovery	Control Limits RPD	Control Limits Percent Recovery	Lab Quals
Benzene	BPC1430	BPC1430-MS1	Matrix Spike	ND	26.844	25.000	ug/L		107		70 - 130	
		BPC1430-MSD1	Matrix Spike Duplicate	ND	27.967	25.000	ug/L	4.57	112	20	70 - 130	
Toluene	BPC1430	BPC1430-MS1	Matrix Spike	ND	26.538	25.000	ug/L		106		70 - 130	
		BPC1430-MSD1	Matrix Spike Duplicate	ND	27.312	25.000	ug/L	2.79	109	20	70 - 130	
1,2-Dichloroethane-d4 (Surrogate)	BPC1430	BPC1430-MS1	Matrix Spike	ND	10.132	10.000	ug/L		101		76 - 114	
		BPC1430-MSD1	Matrix Spike Duplicate	ND	10.402	10.000	ug/L		104		76 - 114	
Toluene-d8 (Surrogate)	BPC1430	BPC1430-MS1	Matrix Spike	ND	10.049	10.000	ug/L		100		88 - 110	
		BPC1430-MSD1	Matrix Spike Duplicate	ND	10.158	10.000	ug/L		102		88 - 110	
4-Bromofluorobenzene (Surrogate)	BPC1430	BPC1430-MS1	Matrix Spike	ND	9.9372	10.000	ug/L		99.4		86 - 115	
		BPC1430-MSD1	Matrix Spike Duplicate	ND	10.095	10.000	ug/L		101		86 - 115	

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

Project: 5325
Project Number: [none]
Project Manager: Anju Farfan

Reported: 04/10/06 14:39

Water Analysis (General Chemistry)

Quality Control Report - Precision & Accuracy

Constituent	Batch ID	QC Sample ID	QC Sample Type	Source Result	Result	Spike Added	Units	RPD	Percent Recovery	Control Limits RPD	Control Limits Percent Recovery	Lab Quals
Nitrate as N	BPC1162	BPC1162-DUP1	Duplicate	6.4070	6.4210		mg/L	0.218		10		
		BPC1162-MS1	Matrix Spike	6.4070	11.516	5.0505	mg/L		101		80 - 120	
		BPC1162-MSD1	Matrix Spike Duplicate	6.4070	11.661	5.0505	mg/L	2.93	104	10	80 - 120	
ortho-Phosphate	BPC1280	BPC1280-DUP1	Duplicate	0.41133	0.41111		mg/L	0.0535		10		
		BPC1280-MS1	Matrix Spike	0.41133	1.0825	0.64547	mg/L		104		90 - 110	
		BPC1280-MSD1	Matrix Spike Duplicate	0.41133	1.0774	0.64547	mg/L	0.966	103	10	90 - 110	
Iron (II) Species	BPD0074	BPD0074-DUP1	Duplicate	156.00	156.00		ug/L	0.00		10		

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

Project: 5325
Project Number: [none]
Project Manager: Anju Farfan

Reported: 04/10/06 14:39

Volatile Organic Analysis (EPA Method 8260)

Quality Control Report - Laboratory Control Sample

Constituent	Batch ID	QC Sample ID	QC Type	Result	Spike Level	PQL	Units	Percent Recovery	RPD	Control Limits Percent Recovery	Control Limits RPD	Lab Quals
Benzene	BPC1430	BPC1430-BS1	LCS	28.916	25.000	0.50	ug/L	116		70 - 130		
Toluene	BPC1430	BPC1430-BS1	LCS	27.111	25.000	0.50	ug/L	108		70 - 130		
1,2-Dichloroethane-d4 (Surrogate)	BPC1430	BPC1430-BS1	LCS	9.8620	10.000		ug/L	98.6		76 - 114		
Toluene-d8 (Surrogate)	BPC1430	BPC1430-BS1	LCS	10.120	10.000		ug/L	101		88 - 110		
4-Bromofluorobenzene (Surrogate)	BPC1430	BPC1430-BS1	LCS	10.588	10.000		ug/L	106		86 - 115		

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TRC Alton Geoscience	Project: 5325	
21 Technology Drive	Project Number: [none]	
Irvine CA, 92618-2302	Project Manager: Anju Farfan	**Reported:** 04/10/06 14:39

Water Analysis (General Chemistry)

Quality Control Report - Laboratory Control Sample

Constituent	Batch ID	QC Sample ID	QC Type	Result	Spike Level	PQL	Units	Percent Recovery	RPD	Control Limits Percent Recovery	Control Limits RPD	Lab Quals
Nitrate as N	BPC1162	BPC1162-BS1	LCS	5.1920	5.0000	0.10	mg/L	104		90 - 110		
ortho-Phosphate	BPC1280	BPC1280-BS1	LCS	0.60008	0.61320	0.050	mg/L	97.9		90 - 110		
Iron (II) Species	BPD0074	BPD0074-BS1	LCS	2006.9	2000.0	100	ug/L	100		90 - 110		

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

Project: 5325
Project Number: [none]
Project Manager: Anju Farfan

Reported: 04/10/06 14:39

Volatile Organic Analysis (EPA Method 8260)

Quality Control Report - Method Blank Analysis

Constituent	Batch ID	QC Sample ID	MB Result	Units	PQL	MDL	Lab Quals
Benzene	BPC1430	BPC1430-BLK1	ND	ug/L	0.50	0.12	
Ethylbenzene	BPC1430	BPC1430-BLK1	ND	ug/L	0.50	0.12	
Methyl t-butyl ether	BPC1430	BPC1430-BLK1	ND	ug/L	0.50	0.12	
Toluene	BPC1430	BPC1430-BLK1	ND	ug/L	0.50	0.15	
Total Xylenes	BPC1430	BPC1430-BLK1	ND	ug/L	1.0	0.37	
Ethanol	BPC1430	BPC1430-BLK1	ND	ug/L	250	110	
Total Purgeable Petroleum Hydrocarbons	BPC1430	BPC1430-BLK1	ND	ug/L	50	23	
1,2-Dichloroethane-d4 (Surrogate)	BPC1430	BPC1430-BLK1	94.3	%	76 - 114 (LCL - UCL)		
Toluene-d8 (Surrogate)	BPC1430	BPC1430-BLK1	100	%	88 - 110 (LCL - UCL)		
4-Bromofluorobenzene (Surrogate)	BPC1430	BPC1430-BLK1	91.0	%	86 - 115 (LCL - UCL)		

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

Project: 5325
Project Number: [none]
Project Manager: Anju Farfan

Reported: 04/10/06 14:39

Water Analysis (General Chemistry)

Quality Control Report - Method Blank Analysis

Constituent	Batch ID	QC Sample ID	MB Result	Units	PQL	MDL	Lab Quals
Nitrate as N	BPC1162	BPC1162-BLK1	ND	mg/L	0.10	0.012	
ortho-Phosphate	BPC1280	BPC1280-BLK1	ND	mg/L	0.050	0.030	
Iron (II) Species	BPD0074	BPD0074-BLK1	ND	ug/L	100	100	

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TRC Alton Geoscience	Project: 5325	
21 Technology Drive	Project Number: [none]	
Irvine CA, 92618-2302	Project Manager: Anju Farfan	**Reported:** 04/10/06 14:39

Notes and Definitions

S09	The surrogate recovery on the sample for this compound was not within the control limits
J	Estimated value
A01	PQL's and MDL's are raised due to sample dilution.
ND	Analyte NOT DETECTED at or above the reporting limit
dry	Sample results reported on a dry weight basis
RPD	Relative Percent Difference

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.
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BC LABORATORIES INC. | SAMPLE RECEIPT FORM | Rev. No. 10 | 01/21/04 | Page __ Of __

Submission #: 06-02892 | Project Code: | TB Batch #

SHIPPING INFORMATION

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

SHIPPING CONTAINER

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

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

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

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

COC Received ☑ YES ☐ NO

Ice Chest ID RW | Temperature: 4.2 °C | Thermometer ID: #40 | Emissivity 1.00 | Container Plp | Date/Time 3/27/06 | Analyst Init OJD

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

Comments:_____

Sample Numbering Completed By: OJD Date/Time: 3/28/06 0030

[H:\DOCS\WP80\LAB_DOCS\FORMS\SAMREC2.WPD]

SHORT HOLDING TIME				
Cr^{+6}	NO_2	NO_3 (circled)	OP (circled)	SS
DO	Cl_2	BOD	MBAS	COT

CHK BY	DISTRIBUTION
[signature]	MA JO MU
	SUB-OUT ☐

BC LABORATORIES, INC.

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

CHAIN OF CUSTODY

06-02892

Analysis Requested

Circle one: Phillips 66 / Unocal	Consultant Firm: TRC
Address: 3220 lakeshore Ave	21 Techology Drive, Irvine, CA 92618-2302, Attn: Anju Farfan
City: Oakland	4-digit site#: 5325
	Workorder # 1394TRCS02
State: CA / Zip:	Project #: 41050001
Phillips 66 /Unocal Mgr:	Sampler Name: Anthony

MATRIX: (GW) Ground-water; (S) Soil; (WW) Waste-water; (SL) Sludge

Lab#	Sample Description	Field Point Name	Date & Time Sampled	MATRIX	BTEX/MTBE by 8021B, Gas by 8015	TPH GAS by 8015M	TPH DIESEL by 8015	8260 full list w/ MTBE & oxygenates	BTEX/MTBE/~~OXYS~~ BY 8260B	ETHANOL by 8260B	TPPH by 8260B	Nitrate	O-Phosphate	Ferrous iron	Turnaround Time Requested
-1	U-4		3-27 0827	GW					X	X	X	X	X	X	
-2	U-3		↓ 0848	↓					↓	↓	↓	↓	↓	↓	
-3	U-6		0757												
-4	U-2		0839												
-5	U-5		0800												
-6	U-1		0818												

Comments: run 8 oxys by 8260 on all MTBE hits
1500 poly on each well needs H2SO4

GLOBAL ID: T0600101463

Relinquished by: (Signature)	Received by:	Date & Time
[signature]	refrigerator	3-27 0950
[signature]	Ross Dueday	3/27/06/1900
Ross Dueday 3/27/06	[signature]	3-27-06 1755
Rel Ueco A-McAfee 3-27-06 2230	Teru Obafemi	3/27/06 2230

(A) = ANALYSIS (C) = CONTAINER (P) = PRESERVATIVE

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.