ConocoPhillips

76 Broadway
Sacramento, California 95818

RECEIVED
By lopprojectop at 4:24 pm, Nov 03, 2005

October 31, 2005

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

Re: **Report Transmittal**
Quarterly Report
Third Quarter – 2005
76 Service Station #5325
3220 Lakeshore Avenue
Oakland, CA

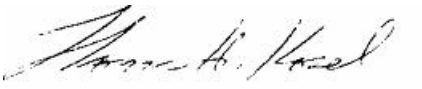
Dear Mr. Hwang:

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

October 31, 2005 TRC Project No. 42013704

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

RE: Quarterly Status Report - Third Quarter 2005
76 Service Station #5325, 3220 Lakeshore Avenue, Oakland, California
Alameda County

Dear Mr. Hwang:

On behalf of ConocoPhillips Company (ConocoPhillips), TRC is submitting the Third Quarter 2005 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).

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.

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

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 is toward the northwest at a calculated hydraulic gradient of 0.01 feet per foot.

CHARACTERIZATION STATUS

Total purgeable petroleum hydrocarbons (TPPH) were detected in four of six wells sampled at a maximum concentration of 560 micrograms per liter (µg/l) in onsite monitoring well U-1.

Benzene was not detected above laboratory reporting limits in any of the six wells sampled.

Methyl tertiary butyl ether (MTBE) was detected in four of the six wells sampled at a maximum concentration of 370 µg/l in onsite monitoring well U-5.

REMEDIATION STATUS

Remediation is not currently being conducted at the site.

RECENT CORRESPONDENCE

August 31, 2005: TRC and ConocoPhillips conducted a conference call with Mr. Don Hwang of the Alameda County Health Care Services Agency (ACHCS) to address Mr. Hwang's concerns regarding the scope of work outlined in the Interim Remedial Measure/Feasibility Study Workplan submitted to the ACHCS on August 30, 2004.

CURRENT QUARTER ACTIVITIES

September 28, 2005: 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.

CONCLUSIONS AND RECOMMENDATIONS

ConocoPhillips and TRC has discussed ACHCS concerns with the Interim Remedial Measure/Feasibility Study Workplan. Based on discussions during the conference call and on recent discussions with the ACHCS during an October 19, 2005 meeting, TRC will implement the following actions:

- Prepare a work plan for ozone sparge pilot testing to determine the suitability of this technology for remediating site hydrocarbons. If the ozone sparging pilot test is successful, TRC would recommend installing the ozone sparge system proposed in the August 30, 2004 work plan. The work plan may be submitted as part of a Site Conceptual Model, as outlined for other sites in the recent October 2005 meeting.

- Expand the site vicinity map and evaluate potential offsite boring/well locations to determine appropriate locations for additional offsite groundwater assessment, if required.

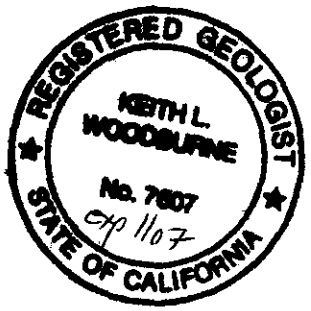
- Conduct a file review of the Shell Station formerly located on Rand Avenue, across Lakeshore Avenue from the site to determine if there are documented soil and groundwater impacts related to the former Shell Station.

TRC recommends continuing quarterly monitoring and sampling to assess plume stability and concentration trends at key wells.

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, July through September 2005 (TRC, October 27, 2005)

cc: Shelby Lathrop, ConocoPhillips (electronic upload only)

TRC

Customer-Focused Solutions

October 27, 2005

ConocoPhillips Company
76 Broadway
Sacramento, CA 95818

ATTN: MS. SHELBY LATHROP

SITE: 76 STATION 5325
3220 LAKESHORE AVENUE
OAKLAND, CALIFORNIA

RE: QUARTERLY MONITORING REPORT
JULY THROUGH SEPTEMBER 2005

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
20-0400/5325R08.QMS

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

TRC

Customer-Focused Solutions

QUARTERLY MONITORING REPORT
JULY THROUGH SEPTEMBER 2005

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
October 24, 2005

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

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

Summary of Gauging and Sampling Activities
July 2005 through September 2005
76 Station 5325
3220 Lakeshore Avenue
Oakland, CA

Project Coordinator: **Shelby Lathrop**
Telephone: **916-558-7609**
Water Sampling Contractor: ***TRC***
Compiled by: **Christina Carrillo**
Date(s) of Gauging/Sampling Event: **09/28/05**

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: **8 feet** Maximum: **11.35 feet**
Average groundwater elevation (relative to available local datum): **-1.30 feet**
Average change in groundwater elevation since previous event: **-1.66 feet**
Interpreted groundwater gradient and flow direction:
Current event: **0.01 ft/ft, northwest**
Previous event: **0.03 ft/ft, northwest (06/14/05)**

Selected Laboratory Results

Wells with detected **Benzene:** **0** Wells above MCL (1.0 µg/l): **n/a**
Maximum reported benzene concentration: **n/a**

Wells with **TPPH 8260B**	**4**	Maximum: **560 µg/l (U-1)**
Wells with **MTBE**	**4**	Maximum: **370 µg/l (U-5)**

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 ABREVIATIONS

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

ANALYTES

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

NOTES

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

REFERENCE

TRC began groundwater monitoring and sampling for 76 Station 5325 in October 2003. Historical data compiled prior to that time were provided by Gettler-Ryan Inc.

Table 1

CURRENT FLUID LEVELS AND SELECTED ANALYTICAL RESULTS

September 28, 2005

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 (µg/l)	TPPH 8260B (µg/l)	Benzene (µg/l)	Toluene (µg/l)	Ethyl-benzene (µg/l)	Total Xylenes (µg/l)	MTBE 8021B (µg/l)	MTBE 8260B (µg/l)	Comments
U-1		**(Screen Interval in feet: 5.0-20.0)**												
09/28/05	8.46	11.35	0.00	-2.89	-2.44	--	560	ND<0.50	0.60	3.0	26	--	18	
U-2		**(Screen Interval in feet: 5.0-20.0)**												
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	
U-3		**(Screen Interval in feet: 5.0-20.0)**												
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	
U-4		**(Screen Interval in feet: 5.0-20.0)**												
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	
U-5		**(Screen Interval in feet: 5.0-20.0)**												
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	
U-6		**(Screen Interval in feet: 5.0-24.0)**												
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	

Table 2

HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS

August 1990 Through September 2005

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 (µg/l)	TPPH 8260B (µg/l)	Benzene (µg/l)	Toluene (µg/l)	Ethyl-benzene (µg/l)	Total Xylenes (µg/l)	MTBE 8021B (µg/l)	MTBE 8260B (µg/l)	Comments
U-1	**(Screen Interval in feet: 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 September 2005

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 (µg/l)	TPPH 8260B (µg/l)	Benzene (µg/l)	Toluene (µg/l)	Ethyl-benzene (µg/l)	Total Xylenes (µg/l)	MTBE 8021B (µg/l)	MTBE 8260B (µg/l)	Comments
U-1 continued														
03/18/96	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	
12/12/00	8.46	9.37	0.00	-0.91	-0.08	50000	--	ND	ND	250	1900	12000	15000	

Table 2

HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS

August 1990 Through September 2005

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 (µg/l)	TPPH 8260B (µg/l)	Benzene (µg/l)	Toluene (µg/l)	Ethyl-benzene (µg/l)	Total Xylenes (µg/l)	MTBE 8021B (µg/l)	MTBE 8260B (µg/l)	Comments
U-1 continued														
03/07/01	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	--	--	--	ND<10000	ND<100	ND<100	ND<100	ND<200	--	11000	
12/02/03	8.46	8.90	0.00	-0.44	--	--	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	
U-2	**(Screen Interval in feet: 5.0-20.0)**													
08/10/90	--	--	--	--	--	780	--	27	46	15	130	--	--	
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	--	--	

Table 2

HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS

August 1990 Through September 2005

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 (µg/l)	TPPH 8260B (µg/l)	Benzene (µg/l)	Toluene (µg/l)	Ethyl-benzene (µg/l)	Total Xylenes (µg/l)	MTBE 8021B (µg/l)	MTBE 8260B (µg/l)	Comments
U-2 continued														
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	--	
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

Table 2

HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS

August 1990 Through September 2005

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 (µg/l)	TPPH 8260B (µg/l)	Benzene (µg/l)	Toluene (µg/l)	Ethyl-benzene (µg/l)	Total Xylenes (µg/l)	MTBE 8021B (µg/l)	MTBE 8260B (µg/l)	Comments
U-2 continued														
09/19/97	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	
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	

Table 2

HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS

August 1990 Through September 2005

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 (µg/l)	TPPH 8260B (µg/l)	Benzene (µg/l)	Toluene (µg/l)	Ethyl-benzene (µg/l)	Total Xylenes (µg/l)	MTBE 8021B (µg/l)	MTBE 8260B (µg/l)	Comments
U-2 continued														
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	
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	--	--	
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	--	--	

Table 2

HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS

August 1990 Through September 2005

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 (µg/l)	TPPH 8260B (µg/l)	Benzene (µg/l)	Toluene (µg/l)	Ethyl-benzene (µg/l)	Total Xylenes (µg/l)	MTBE 8021B (µg/l)	MTBE 8260B (µg/l)	Comments
U-3 continued														
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	--	
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	--	

Table 2

HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS

August 1990 Through September 2005

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 (µg/l)	TPPH 8260B (µg/l)	Benzene (µg/l)	Toluene (µg/l)	Ethyl-benzene (µg/l)	Total Xylenes (µg/l)	MTBE 8021B (µg/l)	MTBE 8260B (µg/l)	Comments
U-3 continued														
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	
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	
U-4	**(Screen Interval in feet: 5.0-20.0)**													

Table 2

HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS

August 1990 Through September 2005

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 (µg/l)	TPPH 8260B (µg/l)	Benzene (µg/l)	Toluene (µg/l)	Ethyl-benzene (µg/l)	Total Xylenes (µg/l)	MTBE 8021B (µg/l)	MTBE 8260B (µg/l)	Comments
U-4 continued														
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	--	
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	--	

Table 2

HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS

August 1990 Through September 2005

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 (µg/l)	TPPH 8260B (µg/l)	Benzene (µg/l)	Toluene (µg/l)	Ethyl-benzene (µg/l)	Total Xylenes (µg/l)	MTBE 8021B (µg/l)	MTBE 8260B (µg/l)	Comments
U-4 continued														
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	
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	
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	--	--	

Table 2

HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS

August 1990 Through September 2005

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 (µg/l)	TPPH 8260B (µg/l)	Benzene (µg/l)	Toluene (µg/l)	Ethyl-benzene (µg/l)	Total Xylenes (µg/l)	MTBE 8021B (µg/l)	MTBE 8260B (µg/l)	Comments
U-5 continued														
09/22/94	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	--	
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	

Table 2

HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS

August 1990 Through September 2005

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 (µg/l)	TPPH 8260B (µg/l)	Benzene (µg/l)	Toluene (µg/l)	Ethyl-benzene (µg/l)	Total Xylenes (µg/l)	MTBE 8021B (µg/l)	MTBE 8260B (µg/l)	Comments
U-5 continued														
09/27/00	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	
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	
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	--	--	

Table 2

HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS

August 1990 Through September 2005

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 (µg/l)	TPPH 8260B (µg/l)	Benzene (µg/l)	Toluene (µg/l)	Ethyl-benzene (µg/l)	Total Xylenes (µg/l)	MTBE 8021B (µg/l)	MTBE 8260B (µg/l)	Comments
U-6 continued														
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	--	
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	

Table 2

HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS

August 1990 Through September 2005

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 (µg/l)	TPPH 8260B (µg/l)	Benzene (µg/l)	Toluene (µg/l)	Ethyl-benzene (µg/l)	Total Xylenes (µg/l)	MTBE 8021B (µg/l)	MTBE 8260B (µg/l)	Comments
U-6 continued														
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	
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	

Table 3
ADDITIONAL ANALYTICAL RESULTS
76 Station 5325

Date Sampled	EDC	EDB	Pre-Purge DO	Post Purge DO	NO3	TAME 8260B	TBA 8260B	DIPE 8260B	ETBE 8260B	Fe+2	ORP	Acenaph-thylene	ortho-Phosphate	Phosphate	Ethanol 8260B
	(µg/l)	(µg/l)	(mg/l)	(mg/l)	(mg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(mV)	(µg/l)	(mg/l)	(mg/l)	(µg/l)
U-1															
06/15/98	--	--	--	--	ND	--	--	--	--	39000	382	--	--	ND	--
09/30/98	--	--	--	--	ND	--	--	--	--	17000	366	--	--	ND	--
12/28/98	--	--	--	--	6.30	--	--	--	--	4300	298	--	--	28	--
03/22/99	--	--	--	--	ND	--	--	--	--	4900	320	--	--	3.5	--
06/09/99	--	--	--	--	ND	--	--	--	--	1200	260	--	--	ND	--
09/08/99	--	--	--	--	ND	--	--	--	--	1800	85	--	--	ND	--
12/07/99	--	--	1.36	--	ND	--	--	--	--	5700	404	--	--	17.0	--
03/13/00	--	--	--	--	0.18	--	--	--	--	8000	262	--	--	ND	--
06/21/00	--	--	1.53	--	ND	--	--	--	--	9300	148	--	--	ND	--
09/27/00	--	ND	1.63	--	ND	ND	ND	ND	ND	2800	119	--	--	18.4	--
12/12/00	--	--	1.48	--	ND	--	--	--	--	490	131	--	--	16.0	--
03/07/01	--	ND	1.91	--	2.64	ND	ND	ND	ND	483	125	--	--	6.89	--
06/06/01	--	ND	1.77	--	ND	ND	ND	ND	ND	1000	141	--	--	2.7	--
09/24/01	ND<1000	ND<1000	1.64	--	0.45	ND<1000	ND<20000	ND<1000	ND<1000	ND<100	125	--	--	--	ND<400000
12/10/01	ND<100	ND<100	1.82	--	ND<0.50	ND<100	ND<4000	ND<100	ND<100	14000	141	--	--	2.2	ND<8000
03/11/02	ND<100	ND<100	2.21	--	ND<0.50	ND<100	ND<5000	ND<100	ND<100	15000	132	--	--	0.11	ND<25000
06/04/02	--	--	1.88	--	ND<0.50	--	--	--	--	ND<500	117	--	--	ND<0.10	--
09/03/02	ND<200	ND<200	1.62	--	ND<0.50	ND<200	ND<10000	ND<200	ND<200	ND<500	94	--	--	ND<0.10	ND<50000
12/03/02	ND<200	ND<200	1.71	--	ND<1.0	ND<200	ND<10000	ND<200	ND<200	9600	72	--	--	ND<1.0	ND<50000
03/04/03	ND<100	ND<100	0.30	--	ND<1.0	ND<100	ND<5000	ND<100	ND<100	36000	-125	--	--	ND<1.0	ND<25000
06/18/03	ND<100	ND<100	--	1.7	ND<1.0	ND<100	ND<5000	ND<100	ND<100	16000	-48	--	--	ND<1.0	ND<25000
09/24/03	ND<400	ND<400	0.40	--	ND<1.0	ND<400	ND<20000	ND<400	ND<400	15	-36	--	--	ND<1.0	ND<100000
12/02/03	--	--	2.05	6.46	--	--	--	--	--	4000	--	--	--	--	ND<100000
03/30/04	ND<100	ND<100	3.05	1.08	ND<1.0	ND<100	3100	ND<200	ND<100	12000	--	--	ND<1.0	--	ND<10000
06/07/04	ND<100	ND<100	2.30	1.62	ND<0.50	ND<100	3300	ND<200	ND<100	660	--	--	6.8	--	ND<10000
12/20/04	ND<0.50	ND<0.50	5.55	1.35	ND<1.0	ND<0.50	11	ND<1.0	ND<0.50	0.015	--	--	ND<1.0	--	ND<50

Table 3
ADDITIONAL ANALYTICAL RESULTS
76 Station 5325

Date Sampled	EDC	EDB	Pre-Purge DO	Post Purge DO	NO3	TAME 8260B	TBA 8260B	DIPE 8260B	ETBE 8260B	Fe+2	ORP	Acenaph-thylene	ortho-Phosphate	Phosphate	Ethanol 8260B
	(µg/l)	(µg/l)	(mg/l)	(mg/l)	(mg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(mV)	(µg/l)	(mg/l)	(mg/l)	(µg/l)
U-1 continued															
03/28/05	--	--	3.26	4.32	ND<1.0	--	--	--	--	16	--	--	ND<1.0	--	ND<1000
06/14/05	ND<10	ND<10	4.52	3.95	ND<1.0	ND<10	4400	ND<10	ND<10	7100	--	--	12	--	ND<1000
09/28/05	ND<10	ND<10	2.59	7.13	ND<0.10	ND<10	5500	ND<10	ND<10	7300	--	--	39	--	ND<250
U-2															
03/03/98	--	--	--	--	ND	--	--	--	--	25000	369	--	--	ND	--
06/15/98	--	--	--	--	ND	--	--	--	--	42000	341	--	--	ND	--
09/30/98	--	--	--	--	ND	--	--	--	--	25000	354	--	--	ND	--
12/28/98	--	--	--	--	ND	--	--	--	--	28000	276	--	--	ND	--
03/22/99	--	--	--	--	ND	--	--	--	--	680	320	--	--	2.3	--
06/09/99	--	--	--	--	ND	--	--	--	--	500	290	--	--	ND	--
09/08/99	--	--	--	--	ND	--	--	--	--	1900	235	--	--	ND	--
12/07/99	--	--	2.28	--	ND	--	--	--	--	250	389	--	--	ND	--
03/13/00	--	--	--	--	0.31	--	--	--	--	4300	184	--	--	ND	--
06/21/00	--	--	1.96	--	ND	--	--	--	--	260	136	--	--	ND	--
09/27/00	--	--	2.12	--	ND	--	--	--	--	640	142	--	--	10.5	--
12/12/00	--	--	2.35	--	ND	--	--	--	--	2700	155	--	--	ND	--
03/07/01	ND	ND	2.21	--	2.24	ND	ND	ND	ND	677	148	--	--	3.02	ND
06/06/01	ND	ND	2.67	--	ND	ND	ND	ND	ND	800	163	--	--	2.8	ND
09/24/01	ND<1000	ND<1000	2.10	--	0.49	ND<1000	ND<20000	ND<1000	ND<1000	ND<100	151	--	--	--	ND<400000
12/10/01	ND<50	ND<50	2.81	--	ND<0.50	ND<50	ND<2000	ND<50	ND<50	ND<100	171	--	--	0.20	ND<4000
03/11/02	ND<200	ND<200	2.77	--	ND<0.50	ND<200	ND<10000	ND<200	ND<200	ND<100	156	--	--	0.65	ND<50000
06/04/02	--	--	3.14	--	ND<0.50	--	--	--	--	ND<100	144	--	--	ND<0.10	--
09/03/02	ND<1000	ND<1000	2.85	--	ND<0.50	ND<1000	ND<50000	ND<1000	ND<1000	ND<250	151	--	--	0.26	ND<250000
12/03/02	ND<200	ND<200	1.97	--	ND<1.0	ND<200	ND<10000	ND<200	ND<200	9900	94	--	--	ND<1.0	ND<50000
03/04/03	ND<200	ND<200	0.40	--	ND<1.0	ND<200	ND<10000	ND<200	ND<200	8600	-147	--	--	ND<1.0	ND<50000
06/18/03	ND<200	ND<200	--	3.2	ND<1.0	ND<200	ND<10000	ND<200	ND<200	5500	-8	--	--	3.1	ND<50000

Table 3
ADDITIONAL ANALYTICAL RESULTS
76 Station 5325

Date Sampled	EDC	EDB	Pre-Purge DO	Post Purge DO	NO3	TAME 8260B	TBA 8260B	DIPE 8260B	ETBE 8260B	Fe+2	ORP	Acenaph-thylene	ortho-Phosphate	Phosphate	Ethanol 8260B
	(µg/l)	(µg/l)	(mg/l)	(mg/l)	(mg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(mV)	(µg/l)	(mg/l)	(mg/l)	(µg/l)
U-2 continued															
09/24/03	ND<400	ND<400	0.20	--	ND<1.0	ND<400	ND<20000	ND<400	ND<400	14	-10	--	--	ND<1.0	ND<100000
12/02/03	--	--	1.70	1.81	--	--	--	--	--	2700	--	--	--	--	ND<100000
03/30/04	ND<100	ND<100	2.40	--	ND<1.0	ND<100	2400	ND<200	ND<100	ND<200	--	--	2.9	--	ND<10000
06/07/04	ND<100	ND<100	3.10	3.29	ND<0.50	ND<100	2600	ND<200	ND<100	210	--	--	2.4	--	ND<10000
09/09/04	ND<100	ND<100	3.12	3.10	ND<1.0	ND<100	2700	ND<200	ND<100	930	--	--	5.9	--	ND<10000
12/20/04	ND<50	ND<50	.41	6.54	ND<1.0	ND<50	3500	ND<100	ND<50	0.87	--	--	ND<1.0	--	ND<5000
03/28/05	ND<50	ND<50	3.76	4.30	ND<1.0	ND<0.50	830	ND<50	ND<50	4.0	--	--	ND<1.0	--	ND<5000
06/14/05	ND<20	ND<20	3.28	3.99	ND<1.0	ND<20	10000	ND<20	ND<20	3400	--	--	ND<1.0	--	ND<2000
09/28/05	ND<0.50	ND<0.50	2.87	6.62	ND<0.20	ND<0.50	13000	ND<0.50	ND<0.50	4000	--	--	7.5	--	ND<250
U-3															
06/30/97	--	--	4.10	--	21	--	--	--	--	1400	190	--	--	0.86	--
09/19/97	--	--	4.20	--	19	--	--	--	--	570	75	--	--	ND	--
12/12/97	--	--	2.97	--	23	--	--	--	--	1900	390	--	--	0.85	--
03/03/98	--	--	2.63	--	36	--	--	--	--	13	358	--	--	ND	--
06/15/98	--	--	2.93	--	33	--	--	--	--	160	318	--	--	ND	--
09/30/98	--	--	3.11	--	31	--	--	--	--	40	295	--	--	ND	--
12/28/98	--	--	3.59	--	29	--	--	--	--	ND	281	--	--	ND	--
03/22/99	--	--	4.02	--	30	--	--	--	--	15	310	--	--	0.14	--
06/09/99	--	--	3.70	--	26	--	--	--	--	ND	350	--	--	1.2	--
09/08/99	--	--	3.96	--	32.90	--	--	--	--	ND	417	--	--	ND	--
12/07/99	--	--	4.21	--	27.90	--	--	--	--	52	437	--	--	ND	--
03/13/00	--	--	--	--	33	--	--	--	--	150	307	--	--	ND	--
06/21/00	--	--	4.27	--	32	--	--	--	--	200	225	--	--	ND	--
09/27/00	--	--	4.67	--	34	--	--	--	--	ND	211	307	--	15.7	--
12/12/00	--	--	4.79	--	31	--	--	--	--	ND	246	--	--	ND	--
03/07/01	--	--	5.16	--	36.5	--	--	--	--	ND	251	--	--	0.443	--

Table 3
ADDITIONAL ANALYTICAL RESULTS
76 Station 5325

Date Sampled	EDC	EDB	Pre-Purge DO	Post Purge DO	NO3	TAME 8260B	TBA 8260B	DIPE 8260B	ETBE 8260B	Fe+2	ORP	Acenaph-thylene	ortho-Phosphate	Phosphate	Ethanol 8260B
	(µg/l)	(µg/l)	(mg/l)	(mg/l)	(mg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(mV)	(µg/l)	(mg/l)	(mg/l)	(µg/l)
U-3 continued															
06/06/01	--	--	4.79	--	8.0	--	--	--	--	ND	214	--	--	0.18	--
09/24/01	--	--	4.27	--	23.0	--	--	--	--	ND<100	198	--	--	ND	--
12/10/01	--	--	4.66	--	21	--	--	--	--	ND<100	188	--	--	0.11	--
03/11/02	--	--	5.06	--	30	--	--	--	--	ND<100	166	--	--	0.14	--
06/04/02	--	--	5.79	--	18	--	--	--	--	ND<100	151	--	--	ND<0.10	--
09/03/02	--	--	6.04	--	28	--	--	--	--	ND<100	143	--	--	ND<0.10	--
12/03/02	--	--	5.58	--	20	--	--	--	--	ND<200	154	--	--	ND<1.0	--
03/04/03	--	--	0.20	--	18	--	--	--	--	ND<200	-136	--	--	ND<1.0	--
06/18/03	--	--	--	3.5	17	--	--	--	--	ND<200	333	--	--	ND<1.0	--
09/24/03	--	--	0.60	--	18	--	--	--	--	ND<0.20	-50	--	--	1.4	ND<500
12/02/03	--	--	4.30	4.28	--	--	--	--	--	ND<200	--	--	--	--	ND<500
03/30/04	--	--	2.80	7.75	16	--	--	--	--	ND<200	--	--	ND<1.0	--	ND<50
06/07/04	--	--	4.70	4.19	17	--	--	--	--	ND<200	--	--	ND<0.20	--	ND<50
09/09/04	--	--	4.75	4.68	16	--	--	--	--	ND<10	--	--	1.2	--	ND<50
12/20/04	--	--	3.28	6.70	17	--	--	--	--	ND<0.010	--	--	ND<1.0	--	ND<50
03/28/05	--	--	3.32	4.21	17	--	--	--	--	ND<0.050	--	--	ND<1.0	--	ND<50
06/14/05	--	--	2.82	2.97	18	--	--	--	--	ND<50	--	--	ND<1.0	--	ND<50
09/28/05	--	--	4.96	6.99	4.3	--	--	--	--	ND<100	--	--	0.66	--	ND<250
U-4															
06/30/97	--	--	5.40	--	35	--	--	--	--	130	200	--	--	0.52	--
09/19/97	--	--	5.10	--	30	--	--	--	--	350	45	--	--	ND	--
12/12/97	--	--	3.11	--	31	--	--	--	--	680	380	--	--	0.73	--
03/03/98	--	--	2.94	--	3.2	--	--	--	--	18	284	--	--	ND	--
06/15/98	--	--	3.08	--	33	--	--	--	--	140	256	--	--	ND	--
09/30/98	--	--	4.05	--	31	--	--	--	--	49	276	--	--	ND	--
12/28/98	--	--	4.57	--	31	--	--	--	--	360	280	--	--	ND	--

Table 3
ADDITIONAL ANALYTICAL RESULTS
76 Station 5325

Date Sampled	EDC	EDB	Pre-Purge DO	Post Purge DO	NO3	TAME 8260B	TBA 8260B	DIPE 8260B	ETBE 8260B	Fe+2	ORP	Acenaph-thylene	ortho-Phosphate	Phosphate	Ethanol 8260B
	(µg/l)	(µg/l)	(mg/l)	(mg/l)	(mg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(mV)	(µg/l)	(mg/l)	(mg/l)	(µg/l)
U-4 continued															
03/22/99	--	--	4.26	--	30	--	--	--	--	ND	320	--	--	0.14	--
06/09/99	--	--	3.61	--	35	--	--	--	--	ND	340	--	--	0.91	--
09/08/99	--	--	3.75	--	24	--	--	--	--	ND	391	--	--	ND	--
12/07/99	--	--	4.03	--	27.7	--	--	--	--	ND	478	--	--	ND	--
03/13/00	--	--	--	--	33	--	--	--	--	ND	244	--	--	ND	--
06/21/00	--	--	4.89	--	32	--	--	--	--	34	248	--	--	ND	--
09/27/00	--	--	5.09	--	28	--	--	--	--	ND	198	--	--	ND	--
12/12/00	--	--	4.86	--	30	--	--	--	--	ND	210	--	--	ND	--
03/07/01	--	--	4.97	--	33.9	--	--	--	--	ND	233	--	--	0.226	--
06/06/01	--	--	5.12	--	7.4	--	--	--	--	ND	248	--	--	0.21	--
09/24/01	--	--	4.86	--	24	--	--	--	--	ND<100	262	--	--	--	--
12/10/01	--	--	5.05	--	19	--	--	--	--	ND<100	242	--	--	0.10	--
03/11/02	--	--	4.83	--	31	--	--	--	--	ND<100	195	--	--	0.14	--
06/04/02	--	--	5.58	--	27	--	--	--	--	ND<100	169	--	--	ND<0.10	--
09/03/02	--	--	5.94	--	28	--	--	--	--	ND<100	126	--	--	0.27	--
12/03/02	--	--	5.82	--	20	--	--	--	--	ND<200	133	--	--	ND<1.0	--
03/04/03	--	--	0.30	--	26	--	--	--	--	ND<200	-148	--	--	ND<1.0	--
06/18/03	--	--	--	3.6	31	--	--	--	--	ND<200	250	--	--	ND<1.0	--
09/24/03	--	--	0.20	--	17	--	--	--	--	ND<0.20	-24	--	--	1.5	ND<500
12/02/03	--	--	3.57	3.45	--	--	--	--	--	ND<200	--	--	--	--	ND<500
03/30/04	--	--	4.29	3.84	25	--	--	--	--	ND<200	--	--	ND<1.0	--	ND<50
06/07/04	--	--	4.56	4.02	24	--	--	--	--	ND<200	--	--	ND<0.20	--	ND<50
09/09/04	--	--	4.20	4.09	22	--	--	--	--	ND<10	--	--	ND<1.0	--	ND<50
12/20/04	--	--	5.11	6.19	20	--	--	--	--	ND<0.010	--	--	ND<1.0	--	ND<50
03/28/05	--	--	4.54	4.66	31	--	--	--	--	0.060	--	--	ND<1.0	--	ND<50
06/14/05	--	--	3.02	3.09	32	--	--	--	--	ND<50	--	--	ND<1.0	--	ND<50

Table 3
ADDITIONAL ANALYTICAL RESULTS
76 Station 5325

Date Sampled	EDC	EDB	Pre-Purge DO	Post Purge DO	NO3	TAME 8260B	TBA 8260B	DIPE 8260B	ETBE 8260B	Fe+2	ORP	Acenaph-thylene	ortho-Phosphate	Phosphate	Ethanol 8260B
	(µg/l)	(µg/l)	(mg/l)	(mg/l)	(mg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(mV)	(µg/l)	(mg/l)	(mg/l)	(µg/l)
U-4 continued															
09/28/05	--	--	5.02	6.59	6.8	--	--	--	--	190	--	--	0.45	--	ND<250
U-5															
06/30/97	--	--	3.40	--	ND	--	--	--	--	16000	160	--	--	ND	--
09/19/97	--	--	0.60	--	ND	--	--	--	--	220	63	--	--	ND	--
12/12/97	--	--	1.75	--	ND	--	--	--	--	6700	400	--	--	ND	--
03/03/98	--	--	2.36	--	3.1	--	--	--	--	18000	345	--	--	ND	--
06/15/98	--	--	2.55	--	ND	--	--	--	--	17000	333	--	--	ND	--
09/30/98	--	--	1.93	--	ND	--	--	--	--	17000	318	--	--	ND	--
12/28/98	--	--	1.64	--	6.6	--	--	--	--	17000	305	--	--	ND	--
03/22/99	--	--	1.99	--	ND	--	--	--	--	120	340	--	--	2.4	--
06/09/99	--	--	2.10	--	ND	--	--	--	--	230	320	--	--	ND	--
09/08/99	--	--	2.21	--	ND	--	--	--	--	2100	335	--	--	ND	--
12/07/99	--	--	2.66	--	ND	--	--	--	--	310	408	--	--	ND	--
03/13/00	--	--	--	--	0.16	--	--	--	--	330	264	--	--	ND	--
06/21/00	--	--	3.42	--	ND	--	--	--	--	150	159	--	--	ND	--
09/27/00	--	--	3.85	--	ND	--	--	--	--	330	136	--	--	ND	--
12/12/00	--	--	3.53	--	ND	--	--	--	--	86	122	--	--	ND	--
03/07/01	ND	ND	2.98	--	3.02	ND	ND	ND	ND	1070	141	--	--	4.00	ND
06/06/01	--	--	2.67	--	ND	--	--	--	--	ND	112	--	--	1.2	--
09/24/01	ND<10	ND<10	3.15	--	0.77	ND<10	ND<200	ND<10	ND<10	ND<100	146	--	--	--	ND<4000
12/10/01	--	--	2.85	--	ND<0.50	--	--	--	--	3700	96	--	--	2.6	--
03/11/02	ND<2.0	ND<2.0	3.15	--	ND<0.50	ND<2.0	ND<100	ND<2.0	ND<2.0	100	108	--	--	0.52	ND<500
06/04/02	--	--	3.46	--	ND<0.50	--	--	--	--	ND<250	118	--	--	ND<0.10	--
09/03/02	ND<2.0	ND<2.0	2.85	--	ND<0.50	ND<2.0	ND<100	ND<2.0	ND<2.0	ND<250	87	--	--	ND<0.10	ND<500
12/03/02	ND<2.0	ND<2.0	2.71	--	ND<1.0	ND<2.0	ND<100	ND<2.0	ND<2.0	22000	104	--	--	ND<1.0	ND<500
03/04/03	ND<2.0	ND<2.0	0.20	--	ND<1.0	ND<2.0	ND<100	ND<2.0	ND<2.0	19000	-166	--	--	ND<1.0	ND<500

Table 3
ADDITIONAL ANALYTICAL RESULTS
76 Station 5325

Date Sampled	EDC	EDB	Pre-Purge DO	Post Purge DO	NO3	TAME 8260B	TBA 8260B	DIPE 8260B	ETBE 8260B	Fe+2	ORP	Acenaph-thylene	ortho-Phosphate	Phosphate	Ethanol 8260B
	(µg/l)	(µg/l)	(mg/l)	(mg/l)	(mg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(mV)	(µg/l)	(mg/l)	(mg/l)	(µg/l)
U-5 continued															
06/18/03	ND<2.0	ND<2.0	--	2.4	ND<1.0	ND<2.0	ND<100	ND<2.0	ND<2.0	11000	-10	--	--	ND<1.0	ND<500
09/24/03	--	--	0.30	--	18	--	--	--	--	ND<0.20	-28	--	--	1.8	ND<500
12/02/03	--	--	2.15	2.22	--	--	--	--	--	9400	--	--	--	--	ND<500
03/30/04	ND<0.50	ND<0.50	1.88	1.89	ND<1.0	ND<0.50	52	ND<1.0	ND<0.50	5900	--	--	ND<1.0	--	ND<50
06/07/04	ND<0.5	ND<0.5	1.92	1.88	ND<0.50	ND<0.5	69	ND<1.0	ND<0.5	3800	--	--	ND<0.20	--	ND<50
09/09/04	ND<0.50	ND<0.50	2.58	2.38	ND<1.0	ND<0.50	130	ND<1.0	ND<0.50	4100	--	--	ND<1.0	--	ND<50
12/20/04	--	--	2.01	.71	ND<1.0	--	--	--	--	5.0	--	--	ND<1.0	--	ND<50
03/28/05	ND<0.50	ND<0.50	1.06	2.02	ND<1.0	ND<0.50	150	ND<0.50	ND<0.50	6.5	--	--	ND<1.0	--	ND<50
06/14/05	ND<0.50	ND<0.50	2.02	2.38	3.6	ND<0.50	160	ND<0.50	ND<0.50	7400	--	--	ND<1.0	--	ND<100
09/28/05	ND<0.50	ND<0.50	4.58	6.94	ND<0.50	ND<0.50	220	ND<0.50	ND<0.50	7300	--	--	0.10	--	ND<250
U-6															
06/30/97	--	--	0.30	--	0.80	--	--	--	--	88000	190	--	--	ND	--
09/19/97	--	--	0.60	--	1.80	--	--	--	--	2900	ND	--	--	ND	--
12/12/97	--	--	2.70	--	ND	--	--	--	--	51000	380	--	--	ND	--
03/03/98	--	--	2.18	--	3.5	--	--	--	--	60000	327	--	--	ND	--
06/15/98	--	--	2.48	--	4.8	--	--	--	--	590000	315	--	--	ND	--
09/30/98	--	--	3.06	--	ND	--	--	--	--	33000	345	--	--	ND	--
12/28/98	--	--	3.42	--	7.2	--	--	--	--	83000	297	--	--	ND	--
03/22/99	--	--	3.88	--	ND	--	--	--	--	2100	330	--	--	0.98	--
06/09/99	--	--	3.29	--	0.20	--	--	--	--	470	320	--	--	ND	--
09/08/99	--	--	3.12	--	5.59	--	--	--	--	140	305	--	--	ND	--
12/07/99	--	--	3.44	--	ND	--	--	--	--	260	443	--	--	ND	--
03/13/00	--	--	--	--	0.26	--	--	--	--	790	222	--	--	ND	--
06/21/00	--	--	3.27	--	ND	--	--	--	--	1900	159	--	--	ND	--
09/27/00	--	--	3.49	--	ND	--	--	--	--	2600	170	--	--	ND	--
12/12/00	--	--	3.06	--	2.7	--	--	--	--	ND	128	--	--	ND	--

Table 3
ADDITIONAL ANALYTICAL RESULTS
76 Station 5325

Date Sampled	EDC	EDB	Pre-Purge DO	Post Purge DO	NO3	TAME 8260B	TBA 8260B	DIPE 8260B	ETBE 8260B	Fe+2	ORP	Acenaph-thylene	ortho-Phosphate	Phosphate	Ethanol 8260B
	(µg/l)	(µg/l)	(mg/l)	(mg/l)	(mg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(mV)	(µg/l)	(mg/l)	(mg/l)	(µg/l)
U-6 continued															
03/07/01	ND	ND	--	--	--	ND	ND	ND	ND	--	--	--	--	--	ND
06/06/01	ND	ND	2.46	--	0.15	ND	ND	ND	ND	470	97	--	--	0.70	ND
09/24/01	ND<100	ND<100	3.10	--	0.58	ND<100	ND<2000	ND<100	ND<100	ND<100	123	--	--	--	ND<40000
12/10/01	ND<5.0	ND<5.0	2.57	--	0.50	ND<5.0	ND<200	ND<5.0	ND<5.0	990	112	--	--	2.0	ND<400
03/11/02	ND<8.0	ND<8.0	3.03	--	ND<0.50	ND<8.0	ND<400	ND<8.0	ND<8.0	1200	128	--	--	0.089	ND<2000
06/04/02	--	--	2.84	--	ND<0.50	--	--	--	--	ND<100	97	--	--	ND<1.0	--
09/03/02	ND<40	ND<40	3.12	--	0.58	ND<40	ND<2000	ND<40	ND<40	ND<100	110	--	--	1.1	ND<10000
12/03/02	ND<20	ND<20	2.96	--	ND<1.0	ND<20	ND<1000	ND<20	ND<20	1200	95	--	--	2.6	ND<5000
03/04/03	ND<40	ND<40	0.30	--	ND<1.0	ND<40	ND<2000	ND<40	ND<40	20000	-112	--	--	ND<1.0	ND<10000
06/18/03	ND<40	ND<40	--	3.2	ND<1.0	ND<40	ND<2000	ND<40	ND<40	3200	-15	--	--	2.0	ND<10000
09/24/03	ND<400	ND<400	0.30	--	ND<1.0	ND<400	ND<20000	ND<400	ND<400	1.4	-12	--	--	4.6	ND<100000
12/02/03	--	--	2.53	3.10	--	--	--	--	--	1400	--	--	--	--	ND<10000
03/30/04	ND<10	ND<10	1.88	3.61	ND<1.0	ND<10	770	ND<20	ND<10	2600	--	--	ND<1.0	--	ND<1000
06/07/04	ND<10	ND<10	2.90	2.43	0.8	ND<10	110	ND<20	ND<10	2100	--	--	ND<0.20	--	ND<1000
09/09/04	ND<10	ND<10	2.96	2.84	ND<1.0	ND<10	1900	ND<20	ND<10	870	--	--	3.8	--	ND<1000
12/20/04	ND<2.5	ND<2.5	--	--	ND<1.0	ND<2.5	5000	ND<5.0	ND<2.5	2.5	--	--	ND<1.0	--	ND<250
03/28/05	ND<0.50	ND<2.5	2.57	3.18	ND<1.0	ND<0.50	990	ND<0.50	ND<0.50	3.4	--	--	ND<1.0	--	ND<50
06/14/05	ND<0.5	ND<0.5	4.20	4.02	3.8	ND<0.50	ND<5.0	ND<0.50	ND<0.50	4100	--	--	ND<1.0	--	ND<100
09/28/05	ND<0.50	ND<0.50	6.82	7.93	ND<0.20	ND<0.50	3800	ND<0.50	ND<0.50	21000	--	--	3.4	--	ND<250

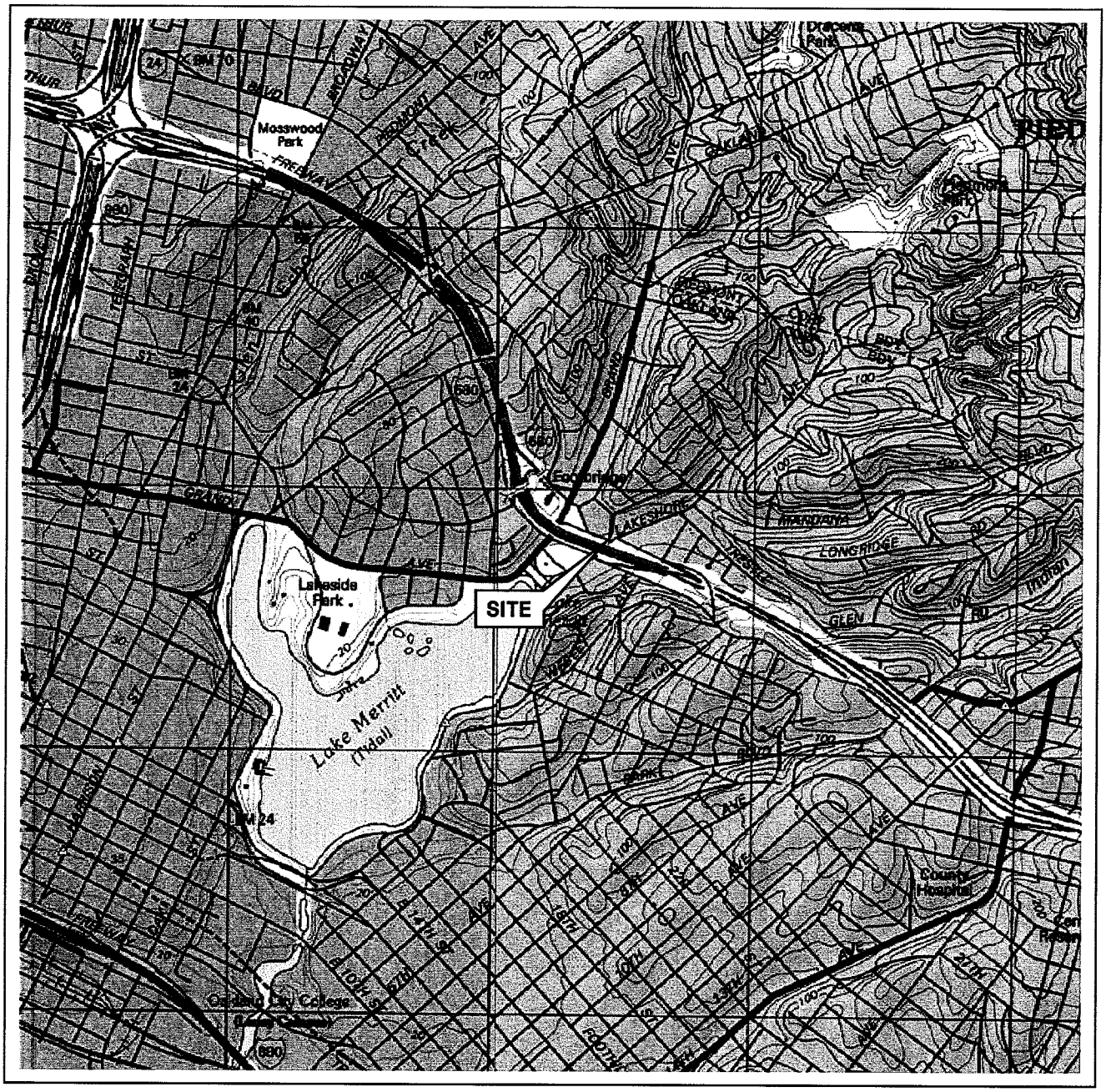
Table 3 b
ADDITIONAL ANALYTICAL RESULTS
76 Station 5325

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
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
U-3		
12/02/03	97	105
03/30/04	-38	12
06/07/04	23	42
09/09/04	14	21
12/20/04	45	32
03/28/05	145	137
06/14/05	90	86
09/28/05	-068	-060

Table 3 b
ADDITIONAL ANALYTICAL RESULTS
76 Station 5325

Date Sampled	Pre-Purge ORP (mV)	Post Purge ORP (mV)
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
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
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

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

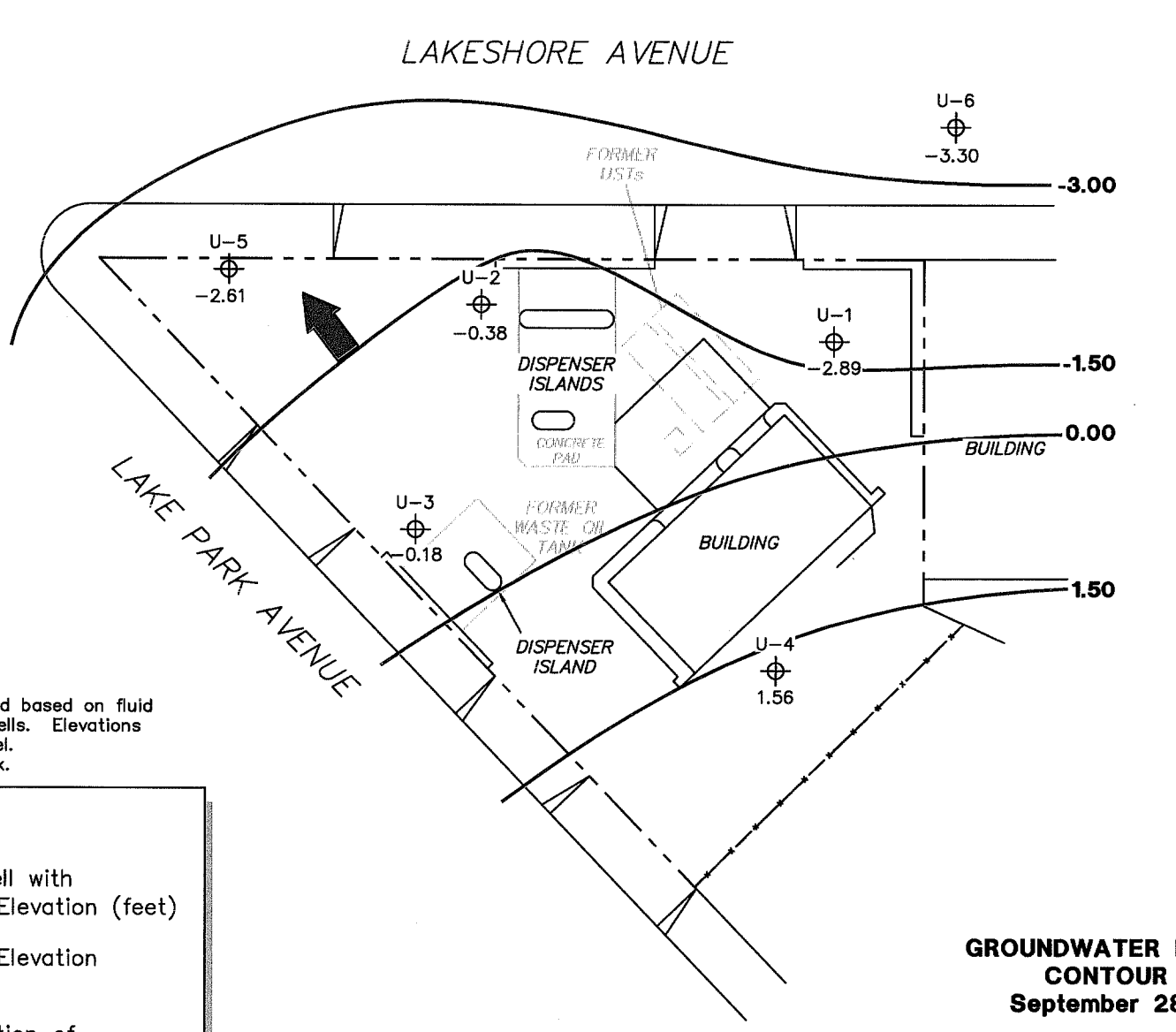
76 Station 5325
3220 Lakeshore Avenue
Oakland, California

FIGURE 1

TRC

PS = 1:1

L:\VICINITY MAPS\5325VM.DWG Aug 22, 2005 – 10:25am 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)

1.50 —— Groundwater Elevation Contour

General Direction of Groundwater Flow

SCALE (FEET)

0 40

GROUNDWATER ELEVATION CONTOUR MAP
September 28, 2005

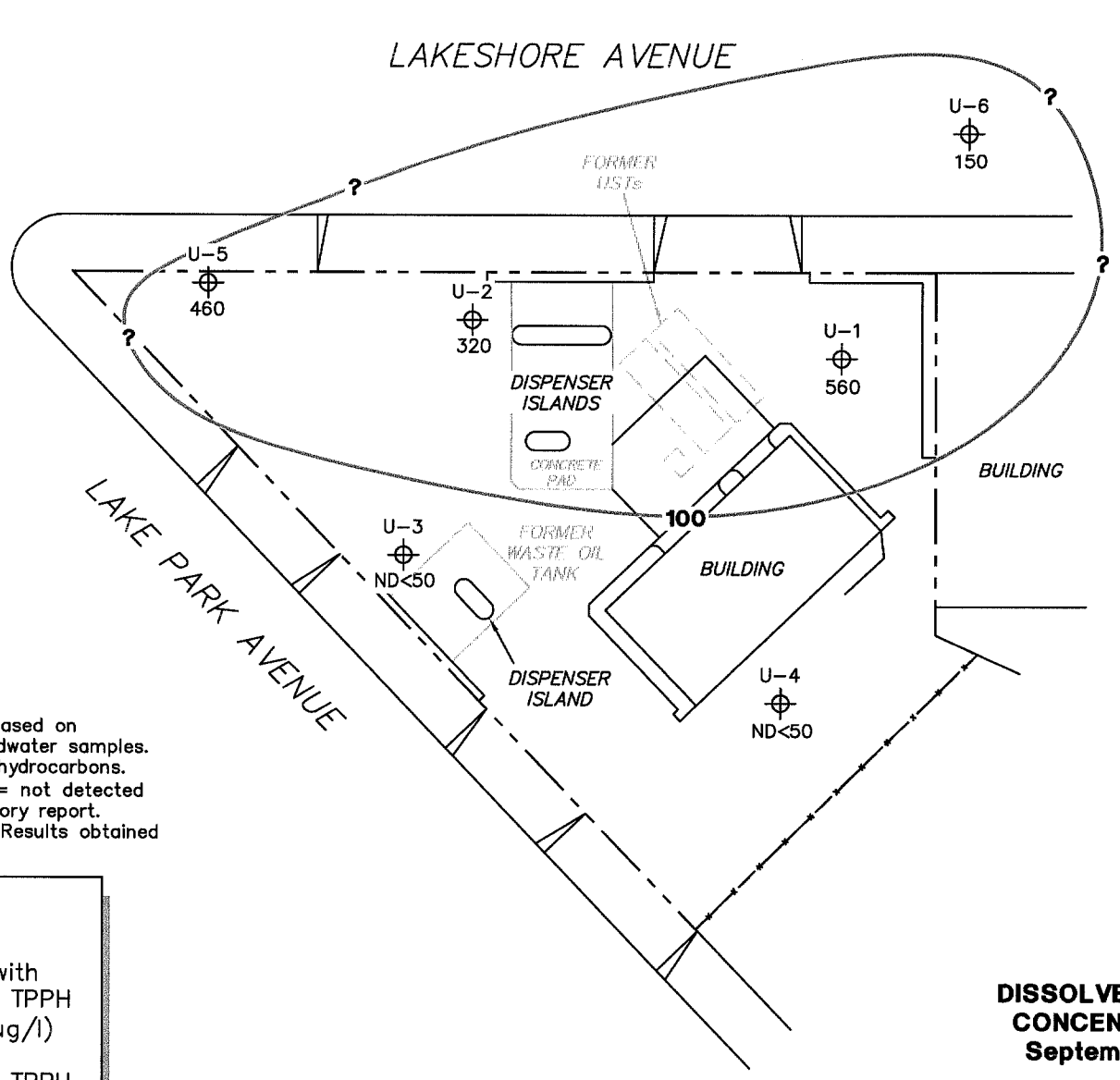
76 Station 5325
3220 Lakeshore Avenue
Oakland, California

FIGURE 2

TRC

PS=1:1 5325-003

\\IRVINE-FS1\Graphics\Graphics\ProjectsByNumber\20-xxxx\20-0400(UnocalQMS)\x-5000\5325+\5325QMS.DWG Oct 19, 2005 - 12:12pm 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)

100 Dissolved-Phase TPPH Contour (µg/l)

TRC

PS=1:1 5325-003

SCALE (FEET)

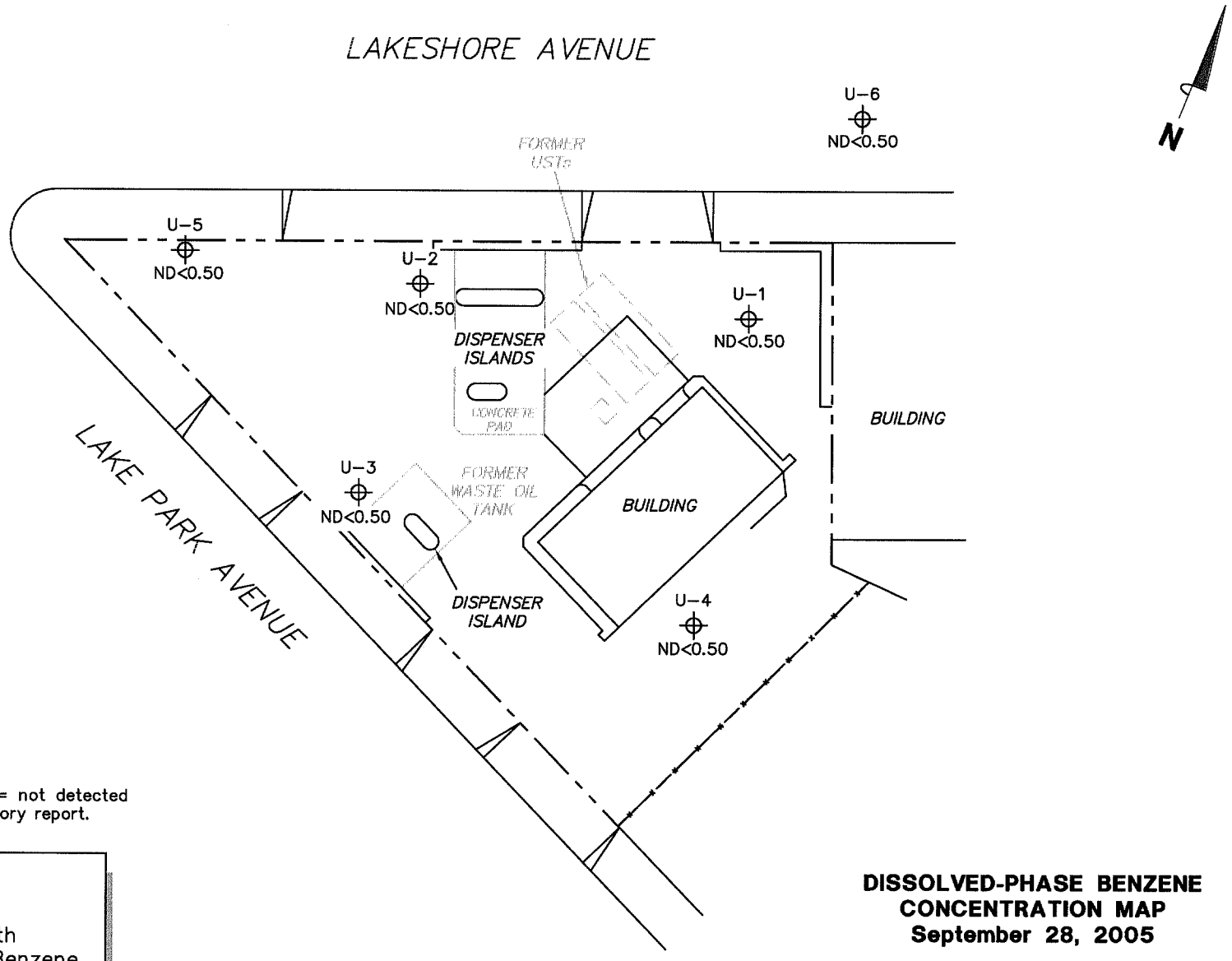
0 40

DISSOLVED-PHASE TPPH CONCENTRATION MAP
September 28, 2005

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 Oct 19, 2005 - 12:12pm bschmidt



NOTES:

µg/l = micrograms per liter. ND = not detected at limit indicated on official laboratory report.
UST = underground storage tank.

LEGEND

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

SCALE (FEET)

0 40

DISSOLVED-PHASE BENZENE CONCENTRATION MAP
September 28, 2005

76 Station 5325
3220 Lakeshore Avenue
Oakland, California

FIGURE 4

TRC

PS=1:1 5325-003

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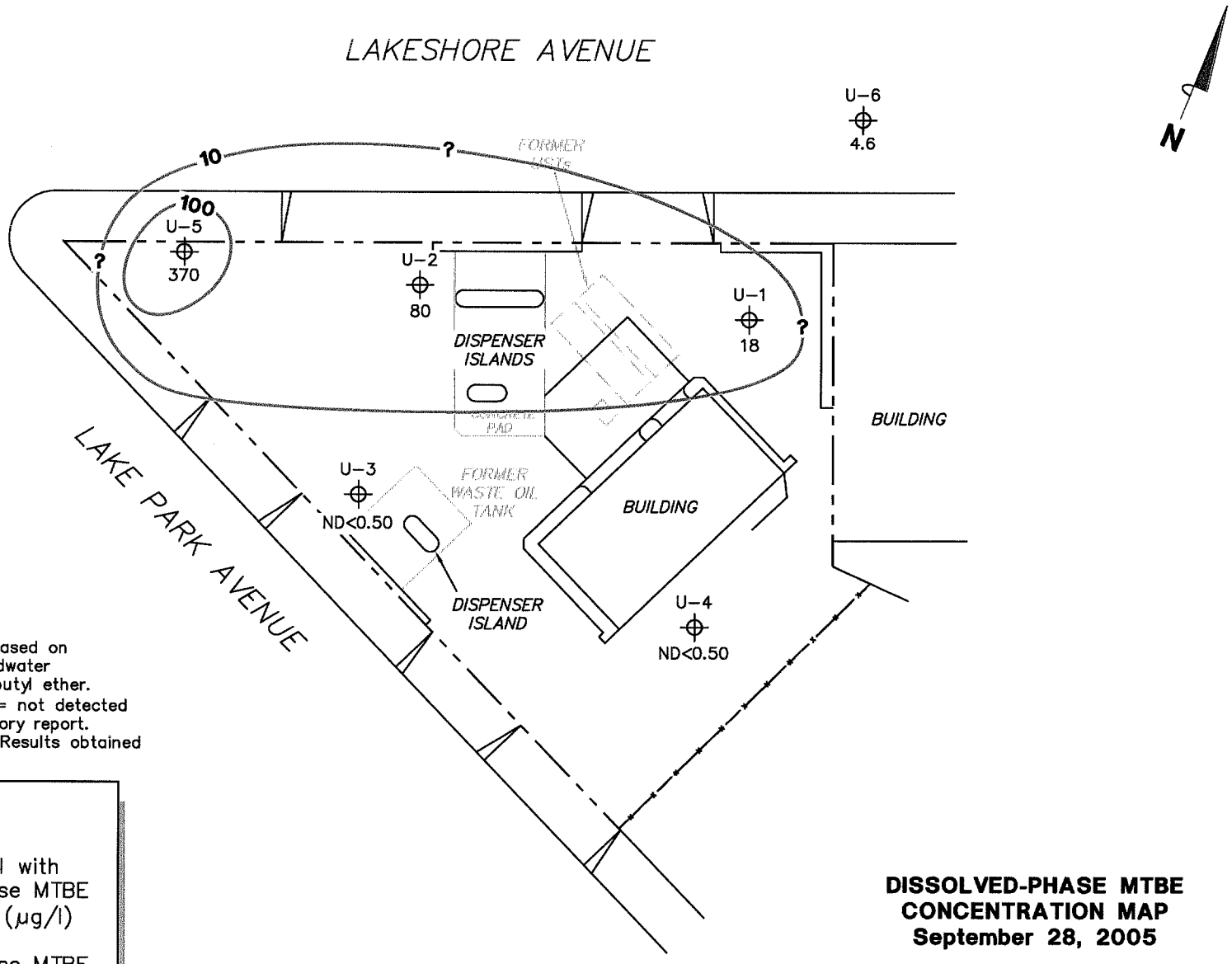


NOTES:

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)

100 Dissolved-Phase MTBE Contour (µg/l)

SCALE (FEET)

0 40

DISSOLVED-PHASE MTBE CONCENTRATION MAP
September 28, 2005

76 Station 5325
3220 Lakeshore Avenue
Oakland, California

FIGURE 5

TRC

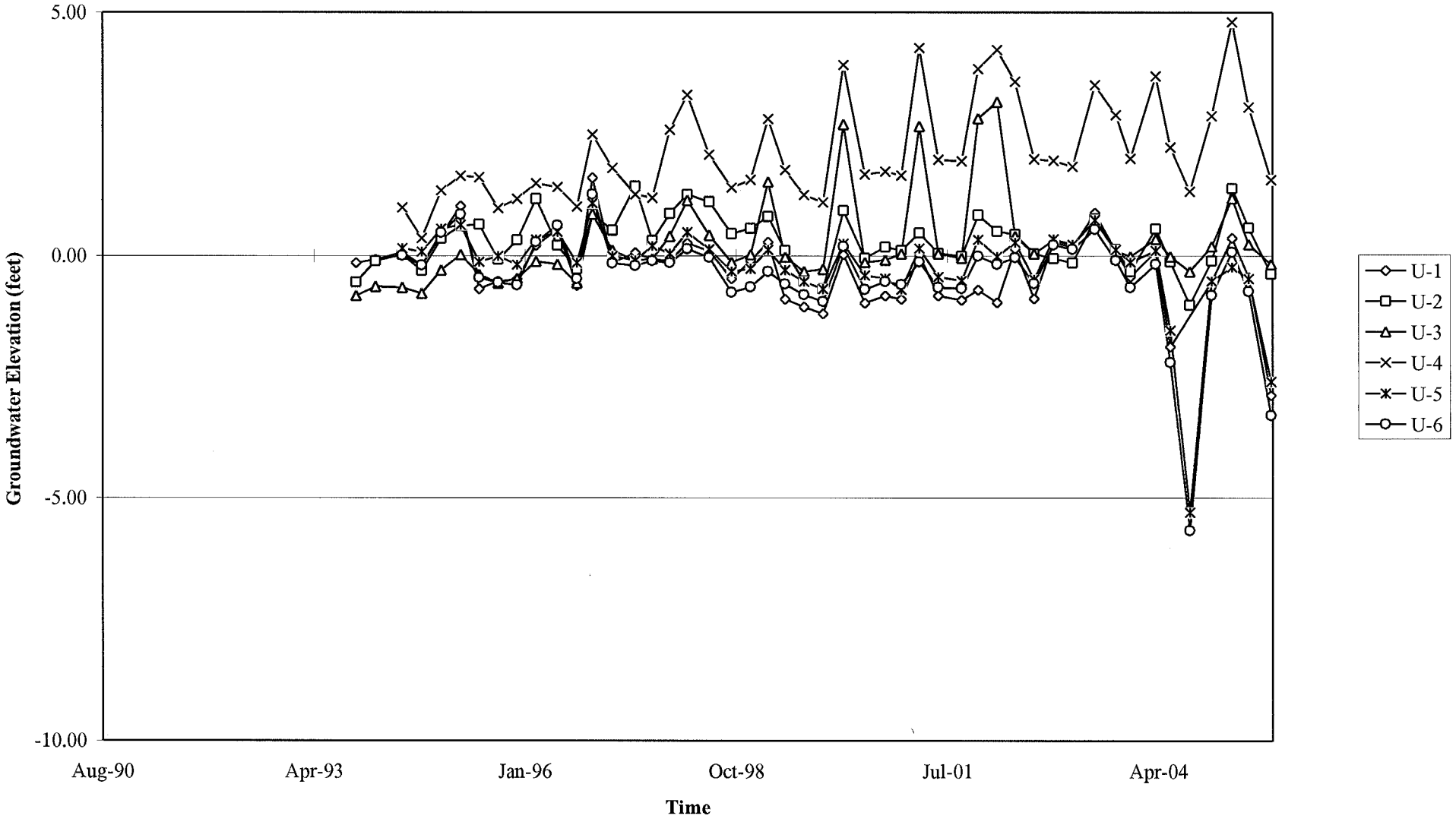
5325-003

PS=1:1

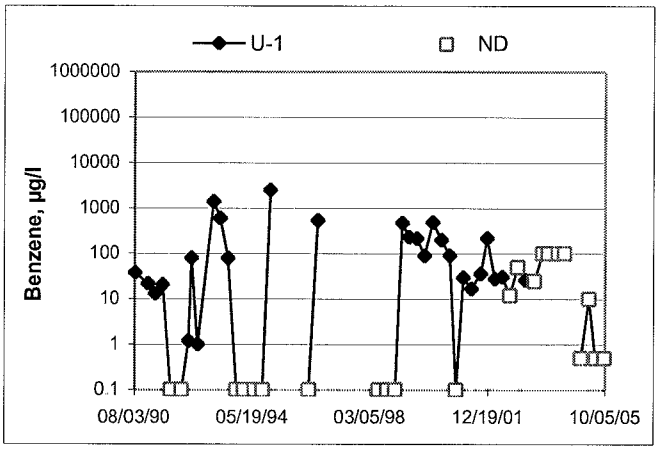
\\IRVINE-FS1\Graphics\Graphics\ProjectsByNumber\20-xxxx\20-0400(UnocalQMS)\x-5000\5325+\5325QMS.DWG Oct 19, 2005 - 12:11pm bschmidt

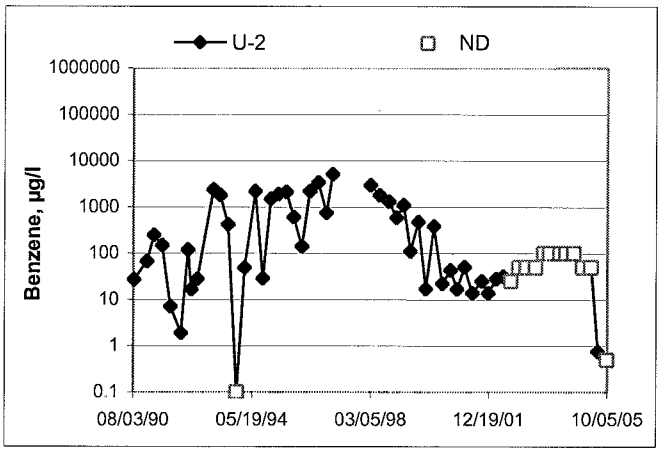
GRAPHS

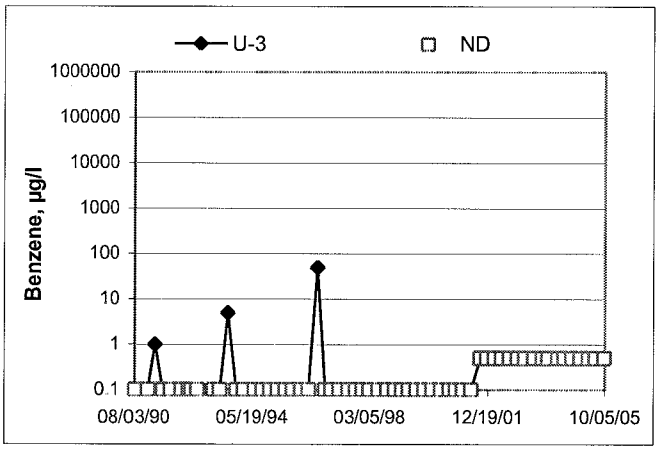
Groundwater Elevations vs. Time
76 Station 5325

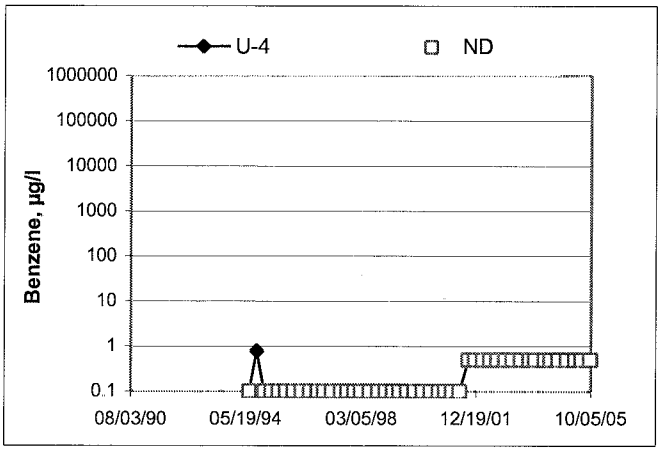


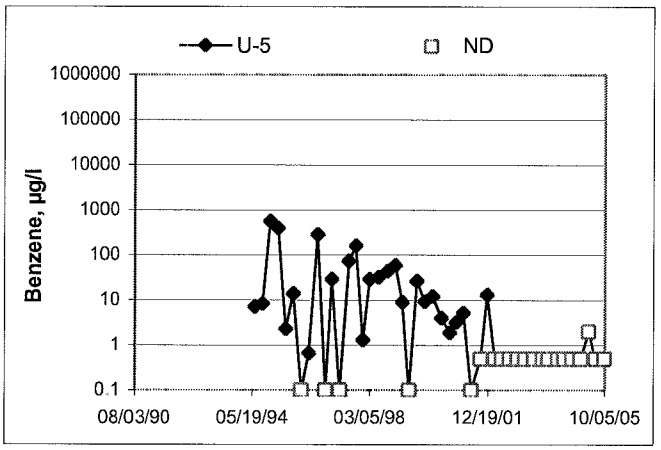
Benzene Concentrations vs Time
76 Station 5325

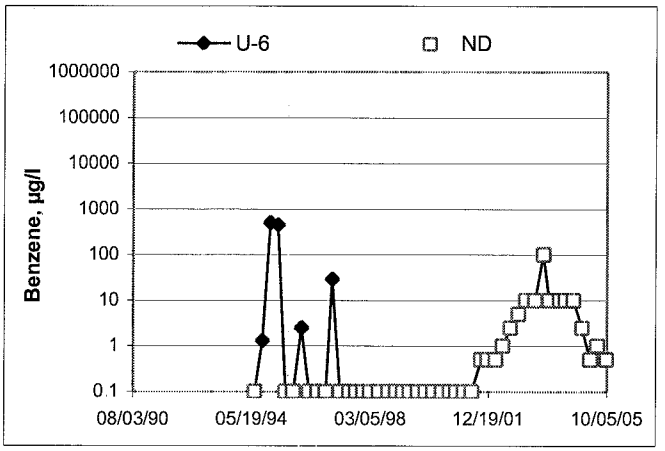












GENERAL FIELD PROCEDURES

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 designatio n, 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 specifi ed 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 singl e 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: Brent Job #/Task #: 4.05000.1.FA20 Date: 09/28/05

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
MW-4	0747	✓	19.98	9.59	0	0	1110	4"
MW-3	0756	↓	19.39	11.16	↓	↓	1123	3"
MW-6	0809	↓	23.70	10.44	↓	↓	1132	2"
MW-1	0814	↓	13.24	1135	↓	↓	1146	3"
MW-5	0822	↓	2005	9.59	↓	↓	1202	4"
MW-2	0826	↓	19.81	8.00	↓	↓	1231	3"

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

WTT CERTIFICATE MANIFEST DRUM INVENTORY ✓ TRAFFIC CONTROL

GROUNDWATER SAMPLING FIELD NOTES

Technician: SASS

Site: 5325 Project No.: 4.05000.1420 Date: 09/28/05

Well No.: U-5 Purge Method: DIA

Depth to Water (feet): 9.59 Depth to Product (feet): ø

Total Depth (feet): 20.05 LPH & Water Recovered (gallons): ø

Water Column (feet): 10.46 Casing Diameter (inches): 4"

80% Recharge Depth (feet): 11.68 1 Well Volume (gallons): 7

Time Start	Time Stop	Depth To Water (feet)	Volume Purged (gallons)	Conductivity (uS/cm)	Temperature (F, C)	pH	~~Turbidity~~ ORP	D.O.
1004			7	3.37ms	22.0	6.73	-126	4.58mg/L
			14	3.67ms	21.1	6.56	-111	2.63mg/L
	1016		21	3.68ms	21.7	7.56	-125	6.94mg/L

Static at Time Sampled	Total Gallons Purged	Time Sampled
10.96	21	1202

Comments:

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

Depth to Water (feet): 8.00 Depth to Product (feet): ø

Total Depth (feet): 19.81 LPH & Water Recovered (gallons): ø

Water Column (feet): 11.81 Casing Diameter (inches): 3"

80% Recharge Depth (feet): 10.37 1 Well Volume (gallons): 4

Time Start	Time Stop	Depth To Water (feet)	Volume Purged (gallons)	Conductivity (uS/cm)	Temperature (F, C)	pH	~~Turbidity~~ ORP	D.O.
1022			4	3.33ms	22.1	6.95	-100	2.87mg/L
			8	1845	22.9	6.67	-32	3.04mg/L
	1031		12	3.28ms	22.7	7.61	-179	6.62mg/L

Static at Time Sampled	Total Gallons Purged	Time Sampled
1192	12	1231

Comments: Don't Recovere IN 2 Hours

GROUNDWATER SAMPLING FIELD NOTES

Technician: BMS

Site: 5325 Project No.: 4.0 Stone / FM20 Date: 09/28/15

Well No.: U-6 Purge Method: D/A

Depth to Water (feet): 10.44 Depth to Product (feet): ∅

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

Water Column (feet): 13.26 Casing Diameter (inches): 2"

80% Recharge Depth (feet): 10.61 1 Well Volume (gallons): 2

Time Start	Time Stop	Depth To Water (feet)	Volume Purged (gallons)	Conductivity (uS/cm)	Temperature (F, C)	pH	~~Turbidity~~ ORP	D.O.
0935			2	1359	20.3	7.87	-028	6.82 mg/L
			4	1667	20.0	7.28	-074	3.49 mg/L
	0942		6	1745	19.4	7.61	-141	7.93 mg/L

Static at Time Sampled	Total Gallons Purged	Time Sampled
10.64	6	1132

Comments:

Well No.: U-1 Purge Method: D/A

Depth to Water (feet): 11.35 Depth to Product (feet): ∅

Total Depth (feet): 13.24 LPH & Water Recovered (gallons): ∅

Water Column (feet): 1.89 Casing Diameter (inches): 3"

80% Recharge Depth (feet): 11.73 1 Well Volume (gallons): 1

Time Start	Time Stop	Depth To Water (feet)	Volume Purged (gallons)	Conductivity (uS/cm)	Temperature (F, C)	pH	~~Turbidity~~ ORP	D.O.
0950			1	1331	22.3	7.70	-065	2.59 mg/L
			2	855	22.3	6.76	-089	3.46 mg/L
	0955		3	925	22.4	7.04	-160	7.13 mg/L

Static at Time Sampled	Total Gallons Purged	Time Sampled
11.52	3	1146

Comments:

GROUNDWATER SAMPLING FIELD NOTES

Technician: DAT

Site: 5325 Project No.: Y.e5000.1/FAZ0 Date: 09/29/05

Well No.: U-4 Purge Method: DIA

Depth to Water (feet): 9.59 Depth to Product (feet): 0

Total Depth (feet): 19.98 LPH & Water Recovered (gallons): 0

Water Column (feet): 10.39 Casing Diameter (Inches): 4"

80% Recharge Depth (feet): 11.67 1 Well Volume (gallons): 7

Time Start	Time Stop	Depth To Water (feet)	Volume Purged (gallons)	Conductivity (uS/cm)	Temperature (F, C)	pH	~~Turbidity~~ ORP	D.O.
0857			7	818	23.4	7.81	099	5.02 mg/L
	0910		14	786	22.7	8.19	082	6.59 mg/L
			21					

Static at Time Sampled	Total Gallons Purged	Time Sampled
16.79	16 gal	1110

Comments: Went Dry at 16 gals. Didn't Recover in Usable Static was (17.88) Don't Recover in 2 Hours

Well No.: U-3 Purge Method: DIA

Depth to Water (feet): 11.16 Depth to Product (feet): 0

Total Depth (feet): 19.39 LPH & Water Recovered (gallons): 0

Water Column (feet): 8.23 Casing Diameter (Inches): 3"

80% Recharge Depth (feet): 12.81 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.
0916			3	684	22.0	8.28	-068	4.96 mg/L
			6	689	21.5	7.90	-053	7.10 mg/L
	0923		9	673	21.9	8.24	-060	6.99 mg/L

Static at Time Sampled	Total Gallons Purged	Time Sampled
1146	9	1123

Comments:

BC Laboratories, Inc

Date of Report: 10/26/2005

Anju Farfan

TRC Alton Geoscience
21 Technology Drive
Irvine, CA 92618-2302
RE: 5325
BC Lab Number: 0509653

Enclosed are the results of analyses for samples received by the laboratory on 09/28/05 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: 10/26/05 09:49

Laboratory / Client Sample Cross Reference

Laboratory	Client Sample Information				
0509653-01	**COC Number:**	---	**Receive Date:**	09/28/05 22:30	Delivery Work Order (LabW:
	Project Number:	5325	**Sampling Date:**	09/28/05 11:10	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:	Basi Foster of TRCI			Cooler ID:
0509653-02	**COC Number:**	---	**Receive Date:**	09/28/05 22:30	Delivery Work Order (LabW:
	Project Number:	5325	**Sampling Date:**	09/28/05 11:23	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:	Basi Foster of TRCI			Cooler ID:
0509653-03	**COC Number:**	---	**Receive Date:**	09/28/05 22:30	Delivery Work Order (LabW:
	Project Number:	5325	**Sampling Date:**	09/28/05 11:32	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:	Basi Foster of TRCI			Cooler ID:
0509653-04	**COC Number:**	---	**Receive Date:**	09/28/05 22:30	Delivery Work Order (LabW:
	Project Number:	5325	**Sampling Date:**	09/28/05 11:46	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:	Basi Foster of TRCI			Cooler ID:
0509653-05	**COC Number:**	---	**Receive Date:**	09/28/05 22:30	Delivery Work Order (LabW:
	Project Number:	5325	**Sampling Date:**	09/28/05 12:02	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:	Basi Foster of TRCI			Cooler ID:

TRC Alton Geoscience	Project: 5325	
21 Technology Drive	Project Number: [none]	
Irvine CA, 92618-2302	Project Manager: Anju Farfan	**Reported:** 10/26/05 09:49

Laboratory / Client Sample Cross Reference

Laboratory	Client Sample Information				
0509653-06	**COC Number:**	---	**Receive Date:**	09/28/05 22:30	Delivery Work Order (LabW:
	Project Number:	5325	**Sampling Date:**	09/28/05 12:31	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:	Basi Foster of TRCI			Cooler ID:

TRC Alton Geoscience	Project: 5325	
21 Technology Drive	Project Number: [none]	
Irvine CA, 92618-2302	Project Manager: Anju Farfan	**Reported:** 10/26/05 09:49

Volatile Organic Analysis (EPA Method 8260)

BCL Sample ID: 0509653-01 | **Client Sample Name:** 5325, U-4, U-4, 9/28/2005 11:10:00AM, Basi Foster

Constituent	Result	Units	PQL	MDL	Method	Prep Date	Run Date/Time	Analyst	Instrument ID	Dilution	QC Batch ID	MB Bias	Lab Quals
Benzene	ND	ug/L	0.50		EPA-8260	09/30/05	09/30/05 22:25	MWB	MS-V9	1	BOI1220	ND	
Ethylbenzene	ND	ug/L	0.50		EPA-8260	09/30/05	09/30/05 22:25	MWB	MS-V9	1	BOI1220	ND	
Methyl t-butyl ether	ND	ug/L	0.50		EPA-8260	09/30/05	09/30/05 22:25	MWB	MS-V9	1	BOI1220	ND	
Toluene	ND	ug/L	0.50		EPA-8260	09/30/05	09/30/05 22:25	MWB	MS-V9	1	BOI1220	ND	
Total Xylenes	ND	ug/L	1.0		EPA-8260	09/30/05	09/30/05 22:25	MWB	MS-V9	1	BOI1220	ND	
Ethanol	ND	ug/L	250		EPA-8260	09/30/05	09/30/05 22:25	MWB	MS-V9	1	BOI1220	ND	
Total Purgeable Petroleum Hydrocarbons	ND	ug/L	50		EPA-8260	09/30/05	09/30/05 22:25	MWB	MS-V9	1	BOI1220	ND	
1,2-Dichloroethane-d4 (Surrogate)	107	%	76 - 114 (LCL - UCL)		EPA-8260	09/30/05	09/30/05 22:25	MWB	MS-V9	1	BOI1220		
Toluene-d8 (Surrogate)	90.7	%	88 - 110 (LCL - UCL)		EPA-8260	09/30/05	09/30/05 22:25	MWB	MS-V9	1	BOI1220		
4-Bromofluorobenzene (Surrogate)	88.7	%	86 - 115 (LCL - UCL)		EPA-8260	09/30/05	09/30/05 22:25	MWB	MS-V9	1	BOI1220		

TRC Alton Geoscience	Project: 5325	
21 Technology Drive	Project Number: [none]	
Irvine CA, 92618-2302	Project Manager: Anju Farfan	**Reported:** 10/26/05 09:49

Water Analysis (General Chemistry)

BCL Sample ID: 0509653-01 | **Client Sample Name:** 5325, U-4, U-4, 9/28/2005 11:10:00AM, Basi Foster

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	6.8	mg/L	0.10		EPA-300.0	09/29/05	09/29/05 20:32	NTN	IC2	1	BOI1160	ND	
Iron (II) Species	190	ug/L	100		SM-3500-Fe	09/29/05	09/29/05 08:15	MV1	SPEC05	1	BOI1184	ND	
ortho-Phosphate	0.45	mg/L	0.050		EPA-365.1	10/04/05	10/04/05 14:37	TDC	KONE-1	1	BOJ0149	0.012	S05

TRC Alton Geoscience	Project: 5325	
21 Technology Drive	Project Number: [none]	
Irvine CA, 92618-2302	Project Manager: Anju Farfan	**Reported:** 10/26/05 09:49

Volatile Organic Analysis (EPA Method 8260)

BCL Sample ID: 0509653-02 | **Client Sample Name:** 5325, U-3, U-3, 9/28/2005 11:23:00AM, Basi Foster

Constituent	Result	Units	PQL	MDL	Method	Prep Date	Run Date/Time	Analyst	Instrument ID	Dilution	QC Batch ID	MB Bias	Lab Quals
Benzene	ND	ug/L	0.50		EPA-8260	09/30/05	09/30/05 22:52	MWB	MS-V9	1	BOI1220	ND	
Ethylbenzene	ND	ug/L	0.50		EPA-8260	09/30/05	09/30/05 22:52	MWB	MS-V9	1	BOI1220	ND	
Methyl t-butyl ether	ND	ug/L	0.50		EPA-8260	09/30/05	09/30/05 22:52	MWB	MS-V9	1	BOI1220	ND	
Toluene	ND	ug/L	0.50		EPA-8260	09/30/05	09/30/05 22:52	MWB	MS-V9	1	BOI1220	ND	
Total Xylenes	ND	ug/L	1.0		EPA-8260	09/30/05	09/30/05 22:52	MWB	MS-V9	1	BOI1220	ND	
Ethanol	ND	ug/L	250		EPA-8260	09/30/05	09/30/05 22:52	MWB	MS-V9	1	BOI1220	ND	
Total Purgeable Petroleum Hydrocarbons	ND	ug/L	50		EPA-8260	09/30/05	09/30/05 22:52	MWB	MS-V9	1	BOI1220	ND	
1,2-Dichloroethane-d4 (Surrogate)	112	%	76 - 114 (LCL - UCL)		EPA-8260	09/30/05	09/30/05 22:52	MWB	MS-V9	1	BOI1220		
Toluene-d8 (Surrogate)	90.4	%	88 - 110 (LCL - UCL)		EPA-8260	09/30/05	09/30/05 22:52	MWB	MS-V9	1	BOI1220		
4-Bromofluorobenzene (Surrogate)	88.7	%	86 - 115 (LCL - UCL)		EPA-8260	09/30/05	09/30/05 22:52	MWB	MS-V9	1	BOI1220		

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

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

Reported: 10/26/05 09:49

Water Analysis (General Chemistry)

BCL Sample ID: 0509653-02 | **Client Sample Name:** 5325, U-3, U-3, 9/28/2005 11:23:00AM, Basi Foster

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	4.3	mg/L	0.10		EPA-300.0	09/29/05	09/29/05 20:51	NTN	IC2	1	BOI1160	ND	
Iron (II) Species	ND	ug/L	100		SM-3500-Fe	09/29/05	09/29/05 08:15	MV1	SPEC05	1	BOI1184	ND	
ortho-Phosphate	0.66	mg/L	0.050		EPA-365.1	10/04/05	10/04/05 14:37	TDC	KONE-1	1	BOJ0149	0.012	S05

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

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

Reported: 10/26/05 09:49

Volatile Organic Analysis (EPA Method 8260)

BCL Sample ID: 0509653-03 | **Client Sample Name:** 5325, U-6, U-6, 9/28/2005 11:32:00AM, Basi Foster

Constituent	Result	Units	PQL	MDL	Method	Prep Date	Run Date/Time	Analyst	Instru-ment ID	Dilution	QC Batch ID	MB Bias	Lab Quals
Benzene	ND	ug/L	0.50		EPA-8260	09/30/05	09/30/05 23:20	MWB	MS-V9	1	BOI1220	ND	
1,2-Dibromoethane	ND	ug/L	0.50		EPA-8260	09/30/05	09/30/05 23:20	MWB	MS-V9	1	BOI1220	ND	
1,2-Dichloroethane	ND	ug/L	0.50		EPA-8260	09/30/05	09/30/05 23:20	MWB	MS-V9	1	BOI1220	ND	
Ethylbenzene	ND	ug/L	0.50		EPA-8260	09/30/05	09/30/05 23:20	MWB	MS-V9	1	BOI1220	ND	
Methyl t-butyl ether	4.6	ug/L	0.50		EPA-8260	09/30/05	09/30/05 23:20	MWB	MS-V9	1	BOI1220	ND	
Toluene	ND	ug/L	0.50		EPA-8260	09/30/05	09/30/05 23:20	MWB	MS-V9	1	BOI1220	ND	
Total Xylenes	ND	ug/L	1.0		EPA-8260	09/30/05	09/30/05 23:20	MWB	MS-V9	1	BOI1220	ND	
t-Amyl Methyl ether	ND	ug/L	0.50		EPA-8260	09/30/05	09/30/05 23:20	MWB	MS-V9	1	BOI1220	ND	
t-Butyl alcohol	3800	ug/L	100		EPA-8260	09/30/05	10/09/05 16:32	MWB	MS-V9	10	BOI1220	ND	A01
Diisopropyl ether	ND	ug/L	0.50		EPA-8260	09/30/05	09/30/05 23:20	MWB	MS-V9	1	BOI1220	ND	
Ethanol	ND	ug/L	250		EPA-8260	09/30/05	09/30/05 23:20	MWB	MS-V9	1	BOI1220	ND	
Ethyl t-butyl ether	ND	ug/L	0.50		EPA-8260	09/30/05	09/30/05 23:20	MWB	MS-V9	1	BOI1220	ND	
Total Purgeable Petroleum Hydrocarbons	150	ug/L	50		EPA-8260	09/30/05	09/30/05 23:20	MWB	MS-V9	1	BOI1220	ND	A53
1,2-Dichloroethane-d4 (Surrogate)	106	%	76 - 114	(LCL - UCL)	EPA-8260	09/30/05	10/09/05 16:32	MWB	MS-V9	10	BOI1220		
1,2-Dichloroethane-d4 (Surrogate)	107	%	76 - 114	(LCL - UCL)	EPA-8260	09/30/05	09/30/05 23:20	MWB	MS-V9	1	BOI1220		
1,2-Dichloroethane-d4 (Surrogate)	107	%	76 - 114	(LCL - UCL)	EPA-8260	09/30/05	09/30/05 23:20	MWB	MS-V9	1	BOI1220		
1,2-Dichloroethane-d4 (Surrogate)	107	%	76 - 114	(LCL - UCL)	EPA-8260	09/30/05	09/30/05 23:20	MWB	MS-V9	1	BOI1220		
Toluene-d8 (Surrogate)	102	%	88 - 110	(LCL - UCL)	EPA-8260	09/30/05	10/09/05 16:32	MWB	MS-V9	10	BOI1220		
Toluene-d8 (Surrogate)	94.0	%	88 - 110	(LCL - UCL)	EPA-8260	09/30/05	09/30/05 23:20	MWB	MS-V9	1	BOI1220		
Toluene-d8 (Surrogate)	94.0	%	88 - 110	(LCL - UCL)	EPA-8260	09/30/05	09/30/05 23:20	MWB	MS-V9	1	BOI1220		
Toluene-d8 (Surrogate)	94.0	%	88 - 110	(LCL - UCL)	EPA-8260	09/30/05	09/30/05 23:20	MWB	MS-V9	1	BOI1220		
4-Bromofluorobenzene (Surrogate)	92.7	%	86 - 115	(LCL - UCL)	EPA-8260	09/30/05	10/09/05 16:32	MWB	MS-V9	10	BOI1220		
4-Bromofluorobenzene (Surrogate)	88.9	%	86 - 115	(LCL - UCL)	EPA-8260	09/30/05	09/30/05 23:20	MWB	MS-V9	1	BOI1220		

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TRC Alton Geoscience	Project: 5325	
21 Technology Drive	Project Number: [none]	
Irvine CA, 92618-2302	Project Manager: Anju Farfan	**Reported:** 10/26/05 09:49

Volatile Organic Analysis (EPA Method 8260)

BCL Sample ID: 0509653-03 | **Client Sample Name:** 5325, U-6, U-6, 9/28/2005 11:32:00AM, Basi Foster

Constituent	Result	Units	PQL	MDL	Method	Prep Date	Run Date/Time	Analyst	Instru-ment ID	Dilution	QC Batch ID	MB Bias	Lab Quals
4-Bromofluorobenzene (Surrogate)	88.9	%	86 - 115 (LCL - UCL)		EPA-8260	09/30/05	09/30/05 23:20	MWB	MS-V9	1	BOI1220		
4-Bromofluorobenzene (Surrogate)	98.5	%	86 - 115 (LCL - UCL)		EPA-8260	09/30/05	09/30/05 23:20	MWB	MS-V9	1	BOI1220		

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

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

Reported: 10/26/05 09:49

Water Analysis (General Chemistry)

BCL Sample ID: 0509653-03 | **Client Sample Name:** 5325, U-6, U-6, 9/28/2005 11:32:00AM, Basi Foster

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	0.20		EPA-300.0	09/29/05	09/29/05 22:05	NTN	IC2	2	BOI1160	ND	A01
Iron (II) Species	21000	ug/L	500		SM-3500-Fe	09/29/05	09/29/05 08:15	MV1	SPEC05	5	BOI1184	ND	A01
ortho-Phosphate	3.4	mg/L	0.25		EPA-365.1	10/04/05	10/04/05 15:24	TDC	KONE-1	5	BOJ0149	0.059	S05

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

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

Reported: 10/26/05 09:49

Volatile Organic Analysis (EPA Method 8260)

BCL Sample ID: 0509653-04 | **Client Sample Name:** 5325, U-1, U-1, 9/28/2005 11:46:00AM, Basi Foster

Constituent	Result	Units	PQL	MDL	Method	Prep Date	Run Date/Time	Analyst	Instrument ID	Dilution	QC Batch ID	MB Bias	Lab Quals
Benzene	ND	ug/L	0.50		EPA-8260	09/30/05	10/11/05 13:23	MWB	MS-V9	1	BOI1220	ND	
1,2-Dibromoethane	ND	ug/L	10		EPA-8260	09/30/05	10/11/05 12:28	MWB	MS-V9	20	BOI1220	ND	
1,2-Dichloroethane	ND	ug/L	10		EPA-8260	09/30/05	10/11/05 12:28	MWB	MS-V9	20	BOI1220	ND	
Ethylbenzene	3.0	ug/L	0.50		EPA-8260	09/30/05	10/11/05 13:23	MWB	MS-V9	1	BOI1220	ND	
Methyl t-butyl ether	18	ug/L	0.50		EPA-8260	09/30/05	10/11/05 13:23	MWB	MS-V9	1	BOI1220	ND	
Toluene	0.60	ug/L	0.50		EPA-8260	09/30/05	10/11/05 13:23	MWB	MS-V9	1	BOI1220	ND	
Total Xylenes	26	ug/L	1.0		EPA-8260	09/30/05	10/11/05 13:23	MWB	MS-V9	1	BOI1220	ND	
t-Amyl Methyl ether	ND	ug/L	10		EPA-8260	09/30/05	10/11/05 12:28	MWB	MS-V9	20	BOI1220	ND	
t-Butyl alcohol	5500	ug/L	200		EPA-8260	09/30/05	10/11/05 12:28	MWB	MS-V9	20	BOI1220	ND	A01
Diisopropyl ether	ND	ug/L	10		EPA-8260	09/30/05	10/11/05 12:28	MWB	MS-V9	20	BOI1220	ND	
Ethanol	ND	ug/L	250		EPA-8260	09/30/05	10/11/05 13:23	MWB	MS-V9	1	BOI1220	ND	
Ethyl t-butyl ether	ND	ug/L	10		EPA-8260	09/30/05	10/11/05 12:28	MWB	MS-V9	20	BOI1220	ND	
Total Purgeable Petroleum Hydrocarbons	560	ug/L	50		EPA-8260	09/30/05	10/11/05 13:23	MWB	MS-V9	1	BOI1220	ND	
1,2-Dichloroethane-d4 (Surrogate)	103	%	76 - 114 (LCL - UCL)		EPA-8260	09/30/05	10/11/05 13:23	MWB	MS-V9	1	BOI1220		
1,2-Dichloroethane-d4 (Surrogate)	95.9	%	76 - 114 (LCL - UCL)		EPA-8260	09/30/05	10/11/05 12:28	MWB	MS-V9	20	BOI1220		
1,2-Dichloroethane-d4 (Surrogate)	95.9	%	76 - 114 (LCL - UCL)		EPA-8260	09/30/05	10/11/05 12:28	MWB	MS-V9	1	BOI1220		
1,2-Dichloroethane-d4 (Surrogate)	95.9	%	76 - 114 (LCL - UCL)		EPA-8260	09/30/05	10/11/05 12:28	MWB	MS-V9	20	BOI1220		
1,2-Dichloroethane-d4 (Surrogate)	103	%	76 - 114 (LCL - UCL)		EPA-8260	09/30/05	10/11/05 13:23	MWB	MS-V9	1	BOI1220		
Toluene-d8 (Surrogate)	102	%	88 - 110 (LCL - UCL)		EPA-8260	09/30/05	10/11/05 13:23	MWB	MS-V9	1	BOI1220		
Toluene-d8 (Surrogate)	102	%	88 - 110 (LCL - UCL)		EPA-8260	09/30/05	10/11/05 12:28	MWB	MS-V9	20	BOI1220		
Toluene-d8 (Surrogate)	102	%	88 - 110 (LCL - UCL)		EPA-8260	09/30/05	10/11/05 12:28	MWB	MS-V9	1	BOI1220		
Toluene-d8 (Surrogate)	102	%	88 - 110 (LCL - UCL)		EPA-8260	09/30/05	10/11/05 12:28	MWB	MS-V9	20	BOI1220		
Toluene-d8 (Surrogate)	102	%	88 - 110 (LCL - UCL)		EPA-8260	09/30/05	10/11/05 13:23	MWB	MS-V9	1	BOI1220		

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

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

Reported: 10/26/05 09:49

Volatile Organic Analysis (EPA Method 8260)

BCL Sample ID: 0509653-04 | **Client Sample Name:** 5325, U-1, U-1, 9/28/2005 11:46:00AM, Basi Foster

Constituent	Result	Units	PQL	MDL	Method	Prep Date	Run Date/Time	Analyst	Instrument ID	Dilution	QC Batch ID	MB Bias	Lab Quals
4-Bromofluorobenzene (Surrogate)	94.0	%	86 - 115 (LCL - UCL)		EPA-8260	09/30/05	10/11/05 12:28	MWB	MS-V9	20	BOI1220		
4-Bromofluorobenzene (Surrogate)	99.5	%	86 - 115 (LCL - UCL)		EPA-8260	09/30/05	10/11/05 13:23	MWB	MS-V9	1	BOI1220		
4-Bromofluorobenzene (Surrogate)	94.0	%	86 - 115 (LCL - UCL)		EPA-8260	09/30/05	10/11/05 12:28	MWB	MS-V9	1	BOI1220		
4-Bromofluorobenzene (Surrogate)	99.5	%	86 - 115 (LCL - UCL)		EPA-8260	09/30/05	10/11/05 13:23	MWB	MS-V9	1	BOI1220		
4-Bromofluorobenzene (Surrogate)	94.0	%	86 - 115 (LCL - UCL)		EPA-8260	09/30/05	10/11/05 12:28	MWB	MS-V9	20	BOI1220		

TRC Alton Geoscience	Project: 5325	
21 Technology Drive	Project Number: [none]	
Irvine CA, 92618-2302	Project Manager: Anju Farfan	**Reported:** 10/26/05 09:49

Water Analysis (General Chemistry)

BCL Sample ID: 0509653-04 | **Client Sample Name:** 5325, U-1, U-1, 9/28/2005 11:46:00AM, Basi Foster

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	ND	mg/L	0.10		EPA-300.0	09/29/05	09/29/05 22:24	NTN	IC2	1	BOI1160	ND	
Iron (II) Species	7300	ug/L	200		SM-3500-Fe	09/29/05	09/29/05 08:15	MV1	SPEC05	2	BOI1184	ND	A01
ortho-Phosphate	39	mg/L	2.5		EPA-365.1	10/04/05	10/04/05 15:42	TDC	KONE-1	50	BOJ0149	0.59	S05

TRC Alton Geoscience
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Project: 5325
Project Number: [none]
Project Manager: Anju Farfan

Reported: 10/26/05 09:49

Volatile Organic Analysis (EPA Method 8260)

BCL Sample ID: 0509653-05 | **Client Sample Name:** 5325, U-5, U-5, 9/28/2005 12:02:00PM, Basi Foster

Constituent	Result	Units	PQL	MDL	Method	Prep Date	Run Date/Time	Analyst	Instrument ID	Dilution	QC Batch ID	MB Bias	Lab Quals
Benzene	ND	ug/L	0.50		EPA-8260	09/30/05	09/30/05 23:47	MWB	MS-V9	1	BOI1220	ND	
1,2-Dibromoethane	ND	ug/L	0.50		EPA-8260	09/30/05	09/30/05 23:47	MWB	MS-V9	1	BOI1220	ND	
1,2-Dichloroethane	ND	ug/L	0.50		EPA-8260	09/30/05	09/30/05 23:47	MWB	MS-V9	1	BOI1220	ND	
Ethylbenzene	ND	ug/L	0.50		EPA-8260	09/30/05	09/30/05 23:47	MWB	MS-V9	1	BOI1220	ND	
Methyl t-butyl ether	370	ug/L	25		EPA-8260	09/30/05	10/03/05 15:01	MWB	MS-V9	50	BOI1220	ND	A01
Toluene	ND	ug/L	0.50		EPA-8260	09/30/05	09/30/05 23:47	MWB	MS-V9	1	BOI1220	ND	
Total Xylenes	ND	ug/L	1.0		EPA-8260	09/30/05	09/30/05 23:47	MWB	MS-V9	1	BOI1220	ND	
t-Amyl Methyl ether	ND	ug/L	0.50		EPA-8260	09/30/05	09/30/05 23:47	MWB	MS-V9	1	BOI1220	ND	
t-Butyl alcohol	220	ug/L	10		EPA-8260	09/30/05	09/30/05 23:47	MWB	MS-V9	1	BOI1220	ND	
Diisopropyl ether	ND	ug/L	0.50		EPA-8260	09/30/05	09/30/05 23:47	MWB	MS-V9	1	BOI1220	ND	
Ethanol	ND	ug/L	250		EPA-8260	09/30/05	09/30/05 23:47	MWB	MS-V9	1	BOI1220	ND	
Ethyl t-butyl ether	ND	ug/L	0.50		EPA-8260	09/30/05	09/30/05 23:47	MWB	MS-V9	1	BOI1220	ND	
Total Purgeable Petroleum Hydrocarbons	460	ug/L	50		EPA-8260	09/30/05	09/30/05 23:47	MWB	MS-V9	1	BOI1220	ND	A53
1,2-Dichloroethane-d4 (Surrogate)	117	%	76 - 114 (LCL - UCL)		EPA-8260	09/30/05	09/30/05 23:47	MWB	MS-V9	1	BOI1220		S09
1,2-Dichloroethane-d4 (Surrogate)	117	%	76 - 114 (LCL - UCL)		EPA-8260	09/30/05	09/30/05 23:47	MWB	MS-V9	1	BOI1220		S09
1,2-Dichloroethane-d4 (Surrogate)	106	%	76 - 114 (LCL - UCL)		EPA-8260	09/30/05	10/03/05 15:01	MWB	MS-V9	50	BOI1220		
1,2-Dichloroethane-d4 (Surrogate)	117	%	76 - 114 (LCL - UCL)		EPA-8260	09/30/05	09/30/05 23:47	MWB	MS-V9	1	BOI1220		S09
Toluene-d8 (Surrogate)	91.7	%	88 - 110 (LCL - UCL)		EPA-8260	09/30/05	09/30/05 23:47	MWB	MS-V9	1	BOI1220		
Toluene-d8 (Surrogate)	91.7	%	88 - 110 (LCL - UCL)		EPA-8260	09/30/05	09/30/05 23:47	MWB	MS-V9	1	BOI1220		
Toluene-d8 (Surrogate)	88.3	%	88 - 110 (LCL - UCL)		EPA-8260	09/30/05	10/03/05 15:01	MWB	MS-V9	50	BOI1220		
Toluene-d8 (Surrogate)	91.7	%	88 - 110 (LCL - UCL)		EPA-8260	09/30/05	09/30/05 23:47	MWB	MS-V9	1	BOI1220		
4-Bromofluorobenzene (Surrogate)	92.9	%	86 - 115 (LCL - UCL)		EPA-8260	09/30/05	10/03/05 15:01	MWB	MS-V9	50	BOI1220		
4-Bromofluorobenzene (Surrogate)	92.4	%	86 - 115 (LCL - UCL)		EPA-8260	09/30/05	09/30/05 23:47	MWB	MS-V9	1	BOI1220		

TRC Alton Geoscience	Project: 5325	
21 Technology Drive	Project Number: [none]	
Irvine CA, 92618-2302	Project Manager: Anju Farfan	**Reported:** 10/26/05 09:49

Volatile Organic Analysis (EPA Method 8260)

BCL Sample ID: 0509653-05 | **Client Sample Name:** 5325, U-5, U-5, 9/28/2005 12:02:00PM, Basi Foster

Constituent	Result	Units	PQL	MDL	Method	Prep Date	Run Date/Time	Analyst	Instrument ID	Dilution	QC Batch ID	MB Bias	Lab Quals
4-Bromofluorobenzene (Surrogate)	99.9	%	86 - 115 (LCL - UCL)		EPA-8260	09/30/05	09/30/05 23:47	MWB	MS-V9	1	BOI1220		
4-Bromofluorobenzene (Surrogate)	92.4	%	86 - 115 (LCL - UCL)		EPA-8260	09/30/05	09/30/05 23:47	MWB	MS-V9	1	BOI1220		

TRC Alton Geoscience
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Project: 5325
Project Number: [none]
Project Manager: Anju Farfan

Reported: 10/26/05 09:49

Water Analysis (General Chemistry)

BCL Sample ID: 0509653-05 | **Client Sample Name:** 5325, U-5, U-5, 9/28/2005 12:02:00PM, Basi Foster

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	09/29/05	09/29/05 23:57	NTN	IC2	5	BOI1160	ND	A01
Iron (II) Species	7300	ug/L	200		SM-3500-Fe	09/29/05	09/29/05 08:15	MV1	SPEC05	2	BOI1184	ND	A01
ortho-Phosphate	0.10	mg/L	0.050		EPA-365.1	10/04/05	10/04/05 14:37	TDC	KONE-1	1	BOJ0149	0.012	S05

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

Reported: 10/26/05 09:49

Volatile Organic Analysis (EPA Method 8260)

BCL Sample ID: 0509653-06 | **Client Sample Name:** 5325, U-2, U-2, 9/28/2005 12:31:00PM, Basi Foster

Constituent	Result	Units	PQL	MDL	Method	Prep Date	Run Date/Time	Analyst	Instrument ID	Dilution	QC Batch ID	MB Bias	Lab Quals
Benzene	ND	ug/L	0.50		EPA-8260	09/30/05	10/01/05 00:14	MWB	MS-V9	1	BOI1220	ND	
1,2-Dibromoethane	ND	ug/L	0.50		EPA-8260	09/30/05	10/01/05 00:14	MWB	MS-V9	1	BOI1220	ND	
1,2-Dichloroethane	ND	ug/L	0.50		EPA-8260	09/30/05	10/01/05 00:14	MWB	MS-V9	1	BOI1220	ND	
Ethylbenzene	ND	ug/L	0.50		EPA-8260	09/30/05	10/01/05 00:14	MWB	MS-V9	1	BOI1220	ND	
Methyl t-butyl ether	80	ug/L	0.50		EPA-8260	09/30/05	10/01/05 00:14	MWB	MS-V9	1	BOI1220	ND	
Toluene	ND	ug/L	0.50		EPA-8260	09/30/05	10/01/05 00:14	MWB	MS-V9	1	BOI1220	ND	
Total Xylenes	ND	ug/L	1.0		EPA-8260	09/30/05	10/01/05 00:14	MWB	MS-V9	1	BOI1220	ND	
t-Amyl Methyl ether	ND	ug/L	0.50		EPA-8260	09/30/05	10/01/05 00:14	MWB	MS-V9	1	BOI1220	ND	
t-Butyl alcohol	13000	ug/L	100		EPA-8260	09/30/05	10/09/05 17:00	MWB	MS-V9	10	BOI1220	ND	A01
Diisopropyl ether	ND	ug/L	0.50		EPA-8260	09/30/05	10/01/05 00:14	MWB	MS-V9	1	BOI1220	ND	
Ethanol	ND	ug/L	250		EPA-8260	09/30/05	10/01/05 00:14	MWB	MS-V9	1	BOI1220	ND	
Ethyl t-butyl ether	ND	ug/L	0.50		EPA-8260	09/30/05	10/01/05 00:14	MWB	MS-V9	1	BOI1220	ND	
Total Purgeable Petroleum Hydrocarbons	320	ug/L	50		EPA-8260	09/30/05	10/01/05 00:14	MWB	MS-V9	1	BOI1220	ND	A53
1,2-Dichloroethane-d4 (Surrogate)	111	%	76 - 114 (LCL - UCL)		EPA-8260	09/30/05	10/01/05 00:14	MWB	MS-V9	1	BOI1220		
1,2-Dichloroethane-d4 (Surrogate)	116	%	76 - 114 (LCL - UCL)		EPA-8260	09/30/05	10/01/05 00:14	MWB	MS-V9	1	BOI1220		S09
1,2-Dichloroethane-d4 (Surrogate)	111	%	76 - 114 (LCL - UCL)		EPA-8260	09/30/05	10/01/05 00:14	MWB	MS-V9	1	BOI1220		
1,2-Dichloroethane-d4 (Surrogate)	108	%	76 - 114 (LCL - UCL)		EPA-8260	09/30/05	10/09/05 17:00	MWB	MS-V9	10	BOI1220		
Toluene-d8 (Surrogate)	96.1	%	88 - 110 (LCL - UCL)		EPA-8260	09/30/05	10/01/05 00:14	MWB	MS-V9	1	BOI1220		
Toluene-d8 (Surrogate)	96.1	%	88 - 110 (LCL - UCL)		EPA-8260	09/30/05	10/01/05 00:14	MWB	MS-V9	1	BOI1220		
Toluene-d8 (Surrogate)	102	%	88 - 110 (LCL - UCL)		EPA-8260	09/30/05	10/09/05 17:00	MWB	MS-V9	10	BOI1220		
Toluene-d8 (Surrogate)	96.1	%	88 - 110 (LCL - UCL)		EPA-8260	09/30/05	10/01/05 00:14	MWB	MS-V9	1	BOI1220		
4-Bromofluorobenzene (Surrogate)	106	%	86 - 115 (LCL - UCL)		EPA-8260	09/30/05	10/01/05 00:14	MWB	MS-V9	1	BOI1220		
4-Bromofluorobenzene (Surrogate)	88.2	%	86 - 115 (LCL - UCL)		EPA-8260	09/30/05	10/01/05 00:14	MWB	MS-V9	1	BOI1220		

TRC Alton Geoscience	Project: 5325	
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Volatile Organic Analysis (EPA Method 8260)

BCL Sample ID: 0509653-06 | **Client Sample Name:** 5325, U-2, U-2, 9/28/2005 12:31:00PM, Basi Foster

Constituent	Result	Units	PQL	MDL	Method	Prep Date	Run Date/Time	Analyst	Instru-ment ID	Dilution	QC Batch ID	MB Bias	Lab Quals
4-Bromofluorobenzene (Surrogate)	88.2	%	86 - 115	(LCL - UCL)	EPA-8260	09/30/05	10/01/05 00:14	MWB	MS-V9	1	BOI1220		
4-Bromofluorobenzene (Surrogate)	88.3	%	86 - 115	(LCL - UCL)	EPA-8260	09/30/05	10/09/05 17:00	MWB	MS-V9	10	BOI1220		

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

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Water Analysis (General Chemistry)

BCL Sample ID: 0509653-06 | **Client Sample Name:** 5325, U-2, U-2, 9/28/2005 12:31:00PM, Basi Foster

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	ND	mg/L	0.20		EPA-300.0	09/29/05	09/30/05 05:50	NTN	IC2	2	BOI1160	ND	A01
Iron (II) Species	4000	ug/L	100		SM-3500-Fe	09/29/05	09/29/05 08:15	MV1	SPEC05	1	BOI1184	ND	
ortho-Phosphate	7.5	mg/L	0.25		EPA-365.1	10/04/05	10/04/05 15:24	TDC	KONE-1	5	BOJ0149	0.059	S05

TRC Alton Geoscience	Project: 5325	
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Irvine CA, 92618-2302	Project Manager: Anju Farfan	**Reported:** 10/26/05 09:49

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	BOI1220	BOI1220-MS1	Matrix Spike	ND	20.370	25.000	ug/L		81.5		70 - 130	
		BOI1220-MSD1	Matrix Spike Duplicate	ND	19.160	25.000	ug/L	6.20	76.6	20	70 - 130	
Toluene	BOI1220	BOI1220-MS1	Matrix Spike	ND	22.650	25.000	ug/L		90.6		70 - 130	
		BOI1220-MSD1	Matrix Spike Duplicate	ND	22.160	25.000	ug/L	2.23	88.6	20	70 - 130	
1,2-Dichloroethane-d4 (Surrogate)	BOI1220	BOI1220-MS1	Matrix Spike	ND	11.380	10.000	ug/L		114		76 - 114	
		BOI1220-MSD1	Matrix Spike Duplicate	ND	10.570	10.000	ug/L		106		76 - 114	
Toluene-d8 (Surrogate)	BOI1220	BOI1220-MS1	Matrix Spike	ND	9.6800	10.000	ug/L		96.8		88 - 110	
		BOI1220-MSD1	Matrix Spike Duplicate	ND	9.6700	10.000	ug/L		96.7		88 - 110	
4-Bromofluorobenzene (Surrogate)	BOI1220	BOI1220-MS1	Matrix Spike	ND	9.9500	10.000	ug/L		99.5		86 - 115	
		BOI1220-MSD1	Matrix Spike Duplicate	ND	9.4900	10.000	ug/L		94.9		86 - 115	

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Project Number: [none]
Project Manager: Anju Farfan

Reported: 10/26/05 09:49

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	BOI1160	BOI1160-DUP1	Duplicate	4.3460	4.3590		mg/L	0.299		10		
		BOI1160-MS1	Matrix Spike	4.3460	9.7434	5.0505	mg/L		107		80 - 120	
		BOI1160-MSD1	Matrix Spike Duplicate	4.3460	9.7485	5.0505	mg/L	0.00	107	10	80 - 120	
Iron (II) Species	BOI1184	BOI1184-DUP1	Duplicate	7313.8	7296.4		ug/L	0.238		10		A01
ortho-Phosphate	BOJ0149	BOJ0149-DUP1	Duplicate	0.45463	0.44667		mg/L	1.77		10		
		BOJ0149-MS1	Matrix Spike	0.45463	1.0923	0.64547	mg/L		98.8		90 - 110	
		BOJ0149-MSD1	Matrix Spike Duplicate	0.45463	1.0998	0.64547	mg/L	1.21	100	10	90 - 110	

TRC Alton Geoscience	Project: 5325	
21 Technology Drive	Project Number: [none]	
Irvine CA, 92618-2302	Project Manager: Anju Farfan	**Reported:** 10/26/05 09:49

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	BOI1220	BOI1220-BS1	LCS	21.230	25.000	0.50	ug/L	84.9		70 - 130		
Toluene	BOI1220	BOI1220-BS1	LCS	22.780	25.000	0.50	ug/L	91.1		70 - 130		
1,2-Dichloroethane-d4 (Surrogate)	BOI1220	BOI1220-BS1	LCS	11.000	10.000		ug/L	110		76 - 114		
Toluene-d8 (Surrogate)	BOI1220	BOI1220-BS1	LCS	9.3400	10.000		ug/L	93.4		88 - 110		
4-Bromofluorobenzene (Surrogate)	BOI1220	BOI1220-BS1	LCS	9.7000	10.000		ug/L	97.0		86 - 115		

TRC Alton Geoscience	Project: 5325	
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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	BOI1160	BOI1160-BS1	LCS	5.3530	5.0000	0.10	mg/L	107		90 - 110		
Iron (II) Species	BOI1184	BOI1184-BS1	LCS	1964.3	2000.0	100	ug/L	98.2		90 - 110		
ortho-Phosphate	BOJ0149	BOJ0149-BS1	LCS	0.62063	0.61320	0.050	mg/L	101		90 - 110		

TRC Alton Geoscience	Project: 5325	
21 Technology Drive	Project Number: [none]	
Irvine CA, 92618-2302	Project Manager: Anju Farfan	**Reported:** 10/26/05 09:49

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	BOI1220	BOI1220-BLK1	ND	ug/L	0.50	0.12	
1,2-Dibromoethane	BOI1220	BOI1220-BLK1	ND	ug/L	0.50	0.11	
1,2-Dichloroethane	BOI1220	BOI1220-BLK1	ND	ug/L	0.50	0.25	
Ethylbenzene	BOI1220	BOI1220-BLK1	ND	ug/L	0.50	0.13	
Methyl t-butyl ether	BOI1220	BOI1220-BLK1	ND	ug/L	0.50	0.15	
Toluene	BOI1220	BOI1220-BLK1	ND	ug/L	0.50	0.15	
Total Xylenes	BOI1220	BOI1220-BLK1	ND	ug/L	1.0	0.40	
t-Amyl Methyl ether	BOI1220	BOI1220-BLK1	ND	ug/L	0.50	0.31	
t-Butyl alcohol	BOI1220	BOI1220-BLK1	ND	ug/L	10	10	
Diisopropyl ether	BOI1220	BOI1220-BLK1	ND	ug/L	0.50	0.25	
Ethanol	BOI1220	BOI1220-BLK1	ND	ug/L	1000	110	
Ethyl t-butyl ether	BOI1220	BOI1220-BLK1	ND	ug/L	0.50	0.27	
Total Purgeable Petroleum Hydrocarbons	BOI1220	BOI1220-BLK1	ND	ug/L	50	23	
1,2-Dichloroethane-d4 (Surrogate)	BOI1220	BOI1220-BLK1	110	%	76 - 114 (LCL - UCL)		
Toluene-d8 (Surrogate)	BOI1220	BOI1220-BLK1	92.7	%	88 - 110 (LCL - UCL)		
4-Bromofluorobenzene (Surrogate)	BOI1220	BOI1220-BLK1	90.2	%	86 - 115 (LCL - UCL)		

TRC Alton Geoscience	Project: 5325	
21 Technology Drive	Project Number: [none]	
Irvine CA, 92618-2302	Project Manager: Anju Farfan	**Reported:** 10/26/05 09:49

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	BOI1160	BOI1160-BLK1	ND	mg/L	0.10	0.018	
Iron (II) Species	BOI1184	BOI1184-BLK1	ND	ug/L	100	100	
ortho-Phosphate	BOJ0149	BOJ0149-BLK1	ND	mg/L	0.050	0.030	

TRC Alton Geoscience	Project: 5325	
21 Technology Drive	Project Number: [none]	
Irvine CA, 92618-2302	Project Manager: Anju Farfan	**Reported:** 10/26/05 09:49

Notes and Definitions

S09	The surrogate recovery on the sample for this compound was not within the control limits.
S05	The sample holding time was exceeded.
A53	Chromatogram not typical of gasoline.
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

BC LABORATORIES INC

SAMPLE RECEIPT FORM

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Submission #: 05-9653 | 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 G/A
Temperature: 2.4 °C
Thermometer ID: 48
Emissivity 1
Container Glass

Date/Time 9/29 2230
Analyst Init HRM

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

SHORT HOLDING TIME
Cr^{+6} NO_2 NO_3 OP SS
DO BOD MBAS C O T

CHK BY 010

DISTRIBUTION MA JCL MV
SUB-OUT ☐

Comments:

Sample Numbering Completed By: HRM Date/Time: 9/29 0130

BC Laboratories, Inc.

Chain of Custody Form

PLEASE COMPLETE: BCL QUOTE ID:

36578

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Report To:	
Client: TRC	Project #: Yiasoos / Fazo
Attn: Anju Farfan	Project Name: Conoco Phillips
Street Address: 21 Technology Dr	Project Code: 5325
City, State, Zip: Irvine, CA 92618	Sampler(s): Basi
Phone: 949 341-74__ Fax: 949 753-0111	Lab N/o # 1394 TRC 501
Email Address: afarfan@TRC Solutions	Global ID # T0600101463
Submittal #: 05-9653	

Analysis Requested (Please refer to the back of this page for completion instructions and method legend.)

Comments: "Run 8 oxys by 8260 on all MTBE hits"

Are there any tests with holding times less than or equal to 48 hours? ☐ Yes ☐ No

* Standard Turnaround = 15 work days

Sample #	Description	Date Sampled	Time Sampled	TPPH by 8260B	BTEX/MTBE by 8260B	Ethanol by 8260B	Nitrate	Phosphate	Ferrous Iron	Soil	Sludge	Drinking Water	Ground Water	Waste Water	Other	Turnaround # of work days*	Notes
-1	U-4	09/28/05	1110	X	X	X	X	X	X				X			24Hr	3 VOAs w/HCL, one 500ml poly
-2	U-3	↓	1123	↓	↓	↓	↓	↓	↓				↓			↓	unpreserved, one 500ml
-3	U-6	↓	1132	↓	↓	↓	↓	↓	↓				↓			↓	poly w/H2SO4, one
-4	U-1	↓	1146	↓	↓	↓	↓	↓	↓				↓			↓	500ml w/HCL
-5	U-5	↓	1202	↓	↓	↓	↓	↓	↓				↓			↓	↓
-6	U-2	↓	1231	↓	↓	↓	↓	↓	↓				↓			↓	↓

Billing ☐ Same as above

Client: Conoco Phillips

Address: ______

City: ______ State ______ Zip ______

Attn: ______

PO#: ______

Report Drinking Waters on State Form? ☐ Yes ☐ No

Send Copy to State of CA? ☐ Yes ☐ No

Sample Disposal: ☐ Return to Client ☐ Disposal by lab ☐ Archive: Months ______

Special Reporting: ☐ QC ☐ WIP ☐ Raw Data

Relinquished By	Date	Time	Received By	Date	Time
1. [signature]	09/28/05	14:30	1. [signature] (refrigerator)	09/28/05	1430
2. [signature]	9/28/05	1445	2. Ross Dudley	9/28/05	1445
3. Ross Dudley	9/28/05	1820	3. [signature]	9-28-05	1820

Northern CA

BCL [signature] 9-28-05 2230

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 Conoco Phillips 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 R ecycling, 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.