TRC

October 13, 2006

ConocoPhillips Company
76 Broadway
Sacramento, CA 95818

ATTN: MS. SHELBY LATHROP

SITE: 76 STATION 5325
3220 LAKESHORE AVENUE
OAKLAND, CALIFORNIA

RE: QUARTERLY MONITORING REPORT
JULY THROUGH SEPTEMBER 2006

Dear Ms. Lathrop:

Please find enclosed our Quarterly Monitoring Report for 76 Station 5325, located at 3220 Lakeshore Avenue, Oakland, California. If you have any questions regarding this report, please call us at (949) 753-0101.

Sincerely,

TRC

Anju Farfan
QMS Operations Manager

CC: Mr. Keith Woodburne, TRC (2 copies)

Enclosures
20-0400/5325R012.QMS

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

TRC

QUARTERLY MONITORING REPORT
JULY THROUGH SEPTEMBER 2006

76 STATION 5325
3200 Lakeshore Avenue
Oakland, California

Prepared For:

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

By:

Senior Project Geologist, Irvine Operations
October 12, 2006

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

LIST OF ATTACHMENTS	
Summary Sheet	Summary of Gauging and Sampling Activities
Tables	Table Key Contents of Tables Table 1: Current Fluid Levels and Selected Analytical Results Table 1a: Additional Current Analytical Results Table 2: Historic Fluid Levels and Selected Analytical Results Table 2a: Additional Historic Analytical Results Table 2b: Additional Historic Analytical Results
Figures	Figure 1: Vicinity Map Figure 2: Groundwater Elevation Contour Map Figure 3: Dissolved-Phase TPH-G (GC/MS) Concentration Map Figure 4: Dissolved-Phase Benzene Concentration Map Figure 5: Dissolved-Phase MTBE Concentration Map
Graphs	Groundwater Elevations vs. Time Benzene Concentrations vs. Time
Field Activities	General Field Procedures Field Monitoring Data Sheet – 9/21/06 Groundwater Sampling Field Notes – 9/21/06
Laboratory Reports	Official Laboratory Reports Quality Control Reports Chain of Custody Records
Statements	Purge Water Disposal Limitations

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

Project Coordinator: **Shelby Lathrop** Water Sampling Contractor: ***TRC***
Telephone: **916-558-7609** Compiled by: **Daniel Lee**
Date(s) of Gauging/Sampling Event: **09/21/06**

Sample Points

Groundwater wells: **5** onsite, **1** offsite Wells gauged: **6** Wells sampled: **6**
Purging method: **Diaphragm pump**
Purge water disposal: **Onyx/Rodeo Unit 100**
Other Sample Points: **0** Type: **n/a**

Liquid Phase Hydrocarbons (LPH)

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

Hydrogeologic Parameters

Depth to groundwater (below TOC): Minimum: **6 feet** Maximum: **11.01 feet**
Average groundwater elevation (relative to available local datum): **0.69 feet**
Average change in groundwater elevation since previous event: **-0.45 feet**
Interpreted groundwater gradient and flow direction:
Current event: ***see notes**
Previous event: **0.01 ft/ft, northwest (06/12/06)**

Selected Laboratory Results

Wells with detected **Benzene:** **1** Wells above MCL (1.0 µg/l): **1**
Maximum reported benzene concentration: **6.1 µg/l (U-2)**

Wells with **TPH-G by GC/MS** **3** Maximum: **2,600 µg/l (U-1)**
Wells with **MTBE** **4** Maximum: **1,100 µg/l (U-2)**

Notes:

*Groundwater gradient is 0.01 ft/ft north and south.

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

TABLES

TABLE KEY

STANDARD ABBREVIATIONS

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

ANALYTES

BTEX	=	benzene, toluene, ethylbenzene, and (total) xylenes
DIPE	=	di-isopropyl ether
ETBE	=	ethyl tertiary butyl ether
MTBE	=	methyl tertiary butyl ether
PCB	=	polychlorinated biphenyls
PCE	=	tetrachloroethene
TBA	=	tertiary butyl alcohol
TCA	=	trichloroethane
TCE	=	trichloroethene
TPH-G	=	total petroleum hydrocarbons with gasoline distinction
TPH-G (GC/MS)	=	total petroleum hydrocarbons with gasoline distinction utilizing EPA Method 8260B
TPH-D	=	total petroleum hydrocarbons with diesel distinction
TRPH	=	total recoverable petroleum hydrocarbons
TAME	=	tertiary amyl methyl ether
1,1-DCA	=	1,1-dichloroethane
1,2-DCA	=	1,2-dichloroethane (same as EDC, ethylene dichloride)
1,1-DCE	=	1,1-dichloroethene
1,2-DCE	=	1,2-dichloroethene (cis- and trans-)

NOTES

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

REFERENCE

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

Contents of Tables
Site: 76 Station 5325

Current Event

Historic Data

Table 1

CURRENT FLUID LEVELS AND SELECTED ANALYTICAL RESULTS

September 21, 2006

76 Station 5325

Date Sampled	TOC Elevation	Depth to Water	LPH Thickness	Ground-water Elevation	Change in Elevation	TPH-G (8015M)	TPH-G (GC/MS)	Benzene	Toluene	Ethyl-benzene	Total Xylenes	MTBE (8021B)	MTBE (8260B)	Comments
	(feet)	(feet)	(feet)	(feet)	(feet)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	
U-1		**(Screen Interval in feet: 5.0-20.0)**												
09/21/06	8.46	8.04	0.00	0.42	-0.23	--	2600	ND<12	ND<12	ND<12	ND<12	--	30	
U-2		**(Screen Interval in feet: 5.0-20.0)**												
09/21/06	7.62	6.00	0.00	1.62	0.25	--	440	6.1	ND<0.50	1.7	ND<0.50	--	1100	
U-3		**(Screen Interval in feet: 5.0-20.0)**												
09/21/06	10.98	11.01	0.00	-0.03	-1.07	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--	ND<0.50	
U-4		**(Screen Interval in feet: 5.0-20.0)**												
09/21/06	11.15	9.63	0.00	1.52	-1.18	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--	ND<0.50	
U-5		**(Screen Interval in feet: 5.0-20.0)**												
09/21/06	6.98	6.60	0.00	0.38	-0.15	--	130	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--	35	
U-6		**(Screen Interval in feet: 5.0-24.0)**												
09/21/06	7.14	6.90	0.00	0.24	-0.31	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--	3.1	

Table 1 a
ADDITIONAL CURRENT ANALYTICAL RESULTS
76 Station 5325

Date Sampled	Ethanol (8260B)	Iron Ferrou	Nitrate	Phosphate (ortho)	Pre-purge Dissolved Oxygen	Pre-purge ORP
	(µg/l)	(µg/l)	(mg/l)	(mg/l)	(mg/l)	(mV)
U-1						
09/21/06	ND<6200	16000	ND<0.10	1.5	1.28	-110
U-2						
09/21/06	ND<250	100	33	0.36	3.15	-18
U-3						
09/21/06	ND<250	170	4.4	0.69	2.64	-33
U-4						
09/21/06	ND<250	360	5.7	0.43	3.51	152
U-5						
09/21/06	ND<250	6800	ND<0.50	ND<0.050	1.37	-125
U-6						
09/21/06	ND<250	2900	0.19	0.31	2.07	-113

Table 2

HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS

August 1990 Through September 2006

76 Station 5325

Date Sampled	TOC Elevation (feet)	Depth to Water (feet)	LPH Thickness (feet)	Ground-water Elevation (feet)	Change in Elevation (feet)	TPH-G (8015M) (µg/l)	TPH-G (GC/MS) (µg/l)	Benzene (µg/l)	Toluene (µg/l)	Ethyl-benzene (µg/l)	Total Xylenes (µg/l)	MTBE (8021B) (µg/l)	MTBE (8260B) (µg/l)	Comments
U-1	**(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 2006

76 Station 5325

Date Sampled	TOC Elevation (feet)	Depth to Water (feet)	LPH Thickness (feet)	Ground-water Elevation (feet)	Change in Elevation (feet)	TPH-G (8015M) (µg/l)	TPH-G (GC/MS) (µg/l)	Benzene (µg/l)	Toluene (µg/l)	Ethyl-benzene (µg/l)	Total Xylenes (µg/l)	MTBE (8021B) (µg/l)	MTBE (8260B) (µg/l)	Comments
U-1 continued														
03/18/96	8.46	8.25	0.00	0.21	0.71	27000	--	ND	2300	1400	11000	4900	--	
06/27/96	8.46	7.92	0.00	0.54	0.33	120000	--	540	4300	2600	26000	ND	--	
09/26/96	8.46	9.10	0.02	-0.63	-1.17	--	--	--	--	--	--	--	--	Not sampled due to LPH in well
12/09/96	8.46	6.88	0.03	1.60	2.23	--	--	--	--	--	--	--	--	Not sampled due to LPH in well
03/14/97	8.46	9.02	0.55	-0.15	-1.75	--	--	--	--	--	--	--	--	Not sampled due to LPH in well
06/30/97	8.46	8.41	0.02	0.07	0.21	--	--	--	--	--	--	--	--	Not sampled due to LPH in well
09/19/97	8.46	8.56	0.02	-0.09	-0.15	--	--	--	--	--	--	--	--	Not sampled due to LPH in well
12/12/97	8.46	8.58	0.01	-0.11	-0.03	--	--	--	--	--	--	--	--	Not sampled due to LPH in well
03/03/98	8.46	8.23	0.04	0.26	0.37	--	--	--	--	--	--	--	--	Not sampled due to LPH in well
06/15/98	8.46	8.37	0.00	0.09	-0.17	52000	--	ND	900	1800	13000	ND	--	Sheen
09/30/98	8.46	8.94	0.00	-0.48	-0.57	1000000	--	ND	2600	13000	83000	4800	--	Sheen
12/28/98	8.46	8.57	0.00	-0.11	0.37	1100000	--	ND	1600	8600	71000	5700	--	
03/22/99	8.46	8.18	0.00	0.28	0.39	130000	--	470	1100	2000	28000	5700	--	Sheen
06/09/99	8.46	9.37	0.00	-0.91	-1.19	40000	--	230	640	590	13000	3500	2100	
09/08/99	8.46	9.53	0.00	-1.07	-0.16	55000	--	217	202	745	14300	6890	6690	
12/07/99	8.46	9.67	0.00	-1.21	-0.14	41200	--	89.3	ND	385	6930	15800	14700	
03/13/00	8.46	8.44	0.00	0.02	1.23	48000	--	490	610	2400	10000	22000	23000	
06/21/00	8.46	9.45	0.00	-0.99	-1.01	37000	--	200	ND	1200	7200	15000	20000	
09/27/00	8.46	9.29	0.00	-0.83	0.16	15000	--	92	ND	540	2800	74000	83000	

Table 2

HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS

August 1990 Through September 2006

76 Station 5325

Date Sampled	TOC Elevation (feet)	Depth to Water (feet)	LPH Thickness (feet)	Ground-water Elevation (feet)	Change in Elevation (feet)	TPH-G (8015M) (µg/l)	TPH-G (GC/MS) (µg/l)	Benzene (µg/l)	Toluene (µg/l)	Ethyl-benzene (µg/l)	Total Xylenes (µg/l)	MTBE (8021B) (µg/l)	MTBE (8260B) (µg/l)	Comments
U-1 continued														
12/12/00	8.46	9.37	0.00	-0.91	-0.08	50000	--	ND	ND	250	1900	12000	15000	
03/07/01	8.46	8.45	0.00	0.01	0.92	6220	--	29.8	10.4	96.3	638	11200	11800	
06/06/01	8.46	9.29	0.00	-0.83	-0.84	5200	--	17	ND	69	420	6500	8700	
09/24/01	8.46	9.39	0.00	-0.93	-0.10	4300	--	36	ND<25	65	590	4400	4400	
12/10/01	8.46	9.17	0.00	-0.71	0.22	11000	--	220	ND<100	380	1500	5100	5100	
03/11/02	8.46	9.44	0.00	-0.98	-0.27	5500	--	28	ND<20	360	690	6400	6300	
06/04/02	8.46	8.32	0.00	0.14	1.12	4600	--	31	ND<10	240	180	6500	--	
09/03/02	8.46	9.36	0.00	-0.90	-1.04	2300	--	ND<12	ND<12	ND<12	68	3500	4700	
12/03/02	8.46	8.18	0.00	0.28	1.18	--	ND<5000	ND<50	ND<50	ND<50	<100	--	4700	
03/04/03	8.46	8.29	0.00	0.17	-0.11	--	8900	26	ND<25	400	130	--	5500	
06/18/03	8.46	7.58	0.00	0.88	0.71	--	8300	ND<25	ND<25	ND<25	ND<50	--	10000	
09/24/03	8.46	8.18	0.00	0.28	-0.60	--	ND<10000	ND<100	ND<100	ND<100	ND<200	--	11000	
12/02/03	8.46	8.90	0.00	-0.44	-0.72	--	ND<10000	ND<100	ND<100	ND<100	ND<200	--	11000	
03/30/04	8.46	8.38	0.00	0.08	0.52	--	12000	ND<100	ND<100	190	ND<200	--	13000	
06/07/04	8.46	10.35	0.00	-1.89	-1.97	--	13000	ND<100	ND<100	ND<100	ND<200	--	12000	
09/09/04	8.46	--	--	--	--	--	--	--	--	--	--	--	--	Dry well
12/20/04	8.46	9.00	0.00	-0.54	--	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	8.2	
03/28/05	8.46	8.10	0.00	0.36	0.90	--	37000	ND<10	ND<10	1500	5300	--	460	
06/14/05	8.46	8.91	0.00	-0.45	-0.81	--	3900	ND<0.50	ND<0.50	48	68	--	60	
09/28/05	8.46	11.35	0.00	-2.89	-2.44	--	560	ND<0.50	0.60	3.0	26	--	18	
12/29/05	8.46	8.58	0.00	-0.12	2.77	--	510	0.77	ND<0.50	27	63	--	62	
03/27/06	8.46	7.20	0.00	1.26	1.38	--	29000	ND<25	ND<25	1500	4900	--	300	
06/12/06	8.46	7.81	0.00	0.65	-0.61	--	3200	ND<0.50	ND<0.50	42	15	--	56	
09/21/06	8.46	8.04	0.00	0.42	-0.23	--	2600	ND<12	ND<12	ND<12	ND<12	--	30	

Table 2

HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS

August 1990 Through September 2006

76 Station 5325

Date Sampled	TOC Elevation (feet)	Depth to Water (feet)	LPH Thickness (feet)	Ground-water Elevation (feet)	Change in Elevation (feet)	TPH-G (8015M) (µg/l)	TPH-G (GC/MS) (µg/l)	Benzene (µg/l)	Toluene (µg/l)	Ethyl-benzene (µg/l)	Total Xylenes (µg/l)	MTBE (8021B) (µg/l)	MTBE (8260B) (µg/l)	Comments
U-2	**(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	--	--	
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	--	

Table 2

HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS

August 1990 Through September 2006

76 Station 5325

Date Sampled	TOC Elevation (feet)	Depth to Water (feet)	LPH Thickness (feet)	Ground-water Elevation (feet)	Change in Elevation (feet)	TPH-G (8015M) (µg/l)	TPH-G (GC/MS) (µg/l)	Benzene (µg/l)	Toluene (µg/l)	Ethyl-benzene (µg/l)	Total Xylenes (µg/l)	MTBE (8021B) (µg/l)	MTBE (8260B) (µg/l)	Comments
U-2 continued														
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
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	

Table 2

HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS

August 1990 Through September 2006

76 Station 5325

Date Sampled	TOC Elevation (feet)	Depth to Water (feet)	LPH Thickness (feet)	Ground-water Elevation (feet)	Change in Elevation (feet)	TPH-G (8015M) (µg/l)	TPH-G (GC/MS) (µg/l)	Benzene (µg/l)	Toluene (µg/l)	Ethyl-benzene (µg/l)	Total Xylenes (µg/l)	MTBE (8021B) (µg/l)	MTBE (8260B) (µg/l)	Comments
U-2 continued														
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	
06/18/03	7.62	6.87	0.00	0.75	0.90	--	11000	ND<50	ND<50	ND<50	ND<100	--	16000	
09/24/03	7.62	7.49	0.00	0.13	-0.62	--	ND<10000	ND<100	ND<100	ND<100	ND<200	--	10000	
12/02/03	7.62	7.95	0.00	-0.33	-0.46	--	ND<10000	ND<100	ND<100	ND<100	ND<200	--	10000	
03/30/04	7.62	7.07	0.00	0.55	0.88	--	12000	ND<100	ND<100	ND<100	ND<200	--	11000	
06/07/04	7.62	7.75	0.00	-0.13	-0.68	--	14000	ND<100	ND<100	ND<100	ND<200	--	13000	
09/09/04	7.62	8.65	0.00	-1.03	-0.90	--	ND<10000	ND<100	ND<100	ND<100	ND<200	--	9500	
12/20/04	7.62	7.73	0.00	-0.11	0.92	--	ND<5000	ND<50	ND<50	ND<50	ND<100	--	11000	
03/28/05	7.62	6.24	0.00	1.38	1.49	--	12000	ND<50	ND<50	160	120	--	7000	
06/14/05	7.62	7.05	0.00	0.57	-0.81	--	2000	0.75	ND<0.50	3.7	1.1	--	2400	
09/28/05	7.62	8.00	0.00	-0.38	-0.95	--	320	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	80	
12/29/05	7.62	7.23	0.00	0.39	0.77	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	35	
03/27/06	7.62	5.31	0.00	2.31	1.92	--	2400	31	0.73	120	15	--	1400	
06/12/06	7.62	6.25	0.00	1.37	-0.94	--	ND<1200	ND<12	ND<12	17	ND<25	--	490	
09/21/06	7.62	6.00	0.00	1.62	0.25	--	440	6.1	ND<0.50	1.7	ND<0.50	--	1100	
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	--	--	

Table 2

HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS

August 1990 Through September 2006

76 Station 5325

Date Sampled	TOC Elevation (feet)	Depth to Water (feet)	LPH Thickness (feet)	Ground-water Elevation (feet)	Change in Elevation (feet)	TPH-G (8015M) (µg/l)	TPH-G (GC/MS) (µg/l)	Benzene (µg/l)	Toluene (µg/l)	Ethyl-benzene (µg/l)	Total Xylenes (µg/l)	MTBE (8021B) (µg/l)	MTBE (8260B) (µg/l)	Comments
U-3 continued														
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	--	--	
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	--	

Table 2

HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS

August 1990 Through September 2006

76 Station 5325

Date Sampled	TOC Elevation (feet)	Depth to Water (feet)	LPH Thickness (feet)	Ground-water Elevation (feet)	Change in Elevation (feet)	TPH-G (8015M) (µg/l)	TPH-G (GC/MS) (µg/l)	Benzene (µg/l)	Toluene (µg/l)	Ethyl-benzene (µg/l)	Total Xylenes (µg/l)	MTBE (8021B) (µg/l)	MTBE (8260B) (µg/l)	Comments
U-3 continued														
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	--	
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	

Table 2

HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS

August 1990 Through September 2006

76 Station 5325

Date Sampled	TOC Elevation (feet)	Depth to Water (feet)	LPH Thickness (feet)	Ground-water Elevation (feet)	Change in Elevation (feet)	TPH-G (8015M) (µg/l)	TPH-G (GC/MS) (µg/l)	Benzene (µg/l)	Toluene (µg/l)	Ethyl-benzene (µg/l)	Total Xylenes (µg/l)	MTBE (8021B) (µg/l)	MTBE (8260B) (µg/l)	Comments
U-3 continued														
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	
12/29/05	10.98	10.41	0.00	0.57	0.75	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<0.50	
03/27/06	10.98	10.16	0.00	0.82	0.25	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<0.50	
06/12/06	10.98	9.94	0.00	1.04	0.22	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<0.50	
09/21/06	10.98	11.01	0.00	-0.03	-1.07	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--	ND<0.50	
U-4	**(Screen Interval in feet: 5.0-20.0)**													
06/22/94	11.15	10.16	0.00	0.99	--	ND	--	ND	ND	ND	ND	--	--	
09/22/94	11.15	10.79	0.00	0.36	-0.63	ND	--	0.78	1.3	ND	1.4	--	--	
12/24/94	11.15	9.81	0.00	1.34	0.98	ND	--	ND	ND	ND	ND	--	--	
03/25/95	11.15	9.51	0.00	1.64	0.30	ND	--	ND	ND	ND	ND	--	--	
06/21/95	11.15	9.54	0.00	1.61	-0.03	ND	--	ND	ND	ND	ND	--	--	
09/19/95	11.15	10.17	0.00	0.98	-0.63	ND	--	ND	ND	ND	ND	--	--	
12/19/95	11.15	9.98	0.00	1.17	0.19	ND	--	ND	ND	ND	ND	--	--	
03/18/96	11.15	9.66	0.00	1.49	0.32	ND	--	ND	ND	ND	ND	--	--	
06/27/96	11.15	9.74	0.00	1.41	-0.08	ND	--	ND	ND	ND	ND	ND	--	
09/26/96	11.15	10.14	0.00	1.01	-0.40	ND	--	ND	ND	ND	ND	ND	--	
12/09/96	11.15	8.67	0.00	2.48	1.47	ND	--	ND	ND	ND	ND	33	--	

Table 2

HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS

August 1990 Through September 2006

76 Station 5325

Date Sampled	TOC Elevation (feet)	Depth to Water (feet)	LPH Thickness (feet)	Ground-water Elevation (feet)	Change in Elevation (feet)	TPH-G (8015M) (µg/l)	TPH-G (GC/MS) (µg/l)	Benzene (µg/l)	Toluene (µg/l)	Ethyl-benzene (µg/l)	Total Xylenes (µg/l)	MTBE (8021B) (µg/l)	MTBE (8260B) (µg/l)	Comments
U-4 continued														
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	--	
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	

Table 2

HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS

August 1990 Through September 2006

76 Station 5325

Date Sampled	TOC Elevation (feet)	Depth to Water (feet)	LPH Thickness (feet)	Ground-water Elevation (feet)	Change in Elevation (feet)	TPH-G (8015M) (µg/l)	TPH-G (GC/MS) (µg/l)	Benzene (µg/l)	Toluene (µg/l)	Ethyl-benzene (µg/l)	Total Xylenes (µg/l)	MTBE (8021B) (µg/l)	MTBE (8260B) (µg/l)	Comments
U-4 continued														
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	
12/29/05	11.15	7.13	0.00	4.02	2.46	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<0.50	
03/27/06	11.15	6.27	0.00	4.88	0.86	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<0.50	
06/12/06	11.15	8.45	0.00	2.70	-2.18	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<0.50	
09/21/06	11.15	9.63	0.00	1.52	-1.18	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--	ND<0.50	
U-5	**(Screen Interval in feet: 5.0-20.0)**													
06/22/94	6.98	6.83	0.00	0.15	--	210	--	7.1	13	4.5	26	--	--	
09/22/94	6.98	6.90	0.00	0.08	-0.07	170	--	8.4	10	8.5	18	--	--	
12/24/94	6.98	6.43	0.00	0.55	0.47	8700	--	560	70	670	430	--	--	
03/25/95	6.98	6.35	0.00	0.63	0.08	44000	--	390	960	1500	7600	--	--	
06/21/95	6.98	7.11	0.00	-0.13	-0.76	400	--	2.3	ND	9.1	3.5	--	--	
09/19/95	6.98	6.99	0.00	-0.01	0.12	850	--	14	7.1	13	66	--	--	
12/19/95	6.98	7.17	0.00	-0.19	-0.18	ND	--	ND	ND	ND	ND	--	--	
03/18/96	6.98	6.65	0.00	0.33	0.52	100	--	0.67	0.5	0.51	5.4	--	--	

Table 2

HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS

August 1990 Through September 2006

76 Station 5325

Date Sampled	TOC Elevation (feet)	Depth to Water (feet)	LPH Thickness (feet)	Ground-water Elevation (feet)	Change in Elevation (feet)	TPH-G (8015M) (µg/l)	TPH-G (GC/MS) (µg/l)	Benzene (µg/l)	Toluene (µg/l)	Ethyl-benzene (µg/l)	Total Xylenes (µg/l)	MTBE (8021B) (µg/l)	MTBE (8260B) (µg/l)	Comments
U-5 continued														
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	
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	

Table 2

HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS

August 1990 Through September 2006

76 Station 5325

Date Sampled	TOC Elevation (feet)	Depth to Water (feet)	LPH Thickness (feet)	Ground-water Elevation (feet)	Change in Elevation (feet)	TPH-G (8015M) (µg/l)	TPH-G (GC/MS) (µg/l)	Benzene (µg/l)	Toluene (µg/l)	Ethyl-benzene (µg/l)	Total Xylenes (µg/l)	MTBE (8021B) (µg/l)	MTBE (8260B) (µg/l)	Comments
U-5 continued														
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	
12/29/05	6.98	7.53	0.00	-0.55	2.06	--	150	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	190	
03/27/06	6.98	6.29	0.00	0.69	1.24	--	450	ND<0.50	ND<0.50	8.3	ND<1.0	--	70	
06/12/06	6.98	6.45	0.00	0.53	-0.16	--	370	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	61	
09/21/06	6.98	6.60	0.00	0.38	-0.15	--	130	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--	35	
U-6	**(Screen Interval in feet: 5.0-24.0)**													
06/22/94	7.14	7.14	0.00	0.00	--	ND	--	ND	ND	ND	ND	--	--	
09/22/94	7.14	7.34	0.00	-0.20	-0.20	130	--	1.3	0.8	ND	0.73	--	--	
12/24/94	7.14	6.67	0.00	0.47	0.67	6900	--	500	59	600	380	--	--	
03/25/95	7.14	6.29	0.00	0.85	0.38	47000	--	450	1300	1700	8200	--	--	
06/21/95	7.14	7.60	0.00	-0.46	-1.31	ND	--	ND	ND	ND	ND	--	--	

Table 2

HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS

August 1990 Through September 2006

76 Station 5325

Date Sampled	TOC Elevation (feet)	Depth to Water (feet)	LPH Thickness (feet)	Ground-water Elevation (feet)	Change in Elevation (feet)	TPH-G (8015M) (µg/l)	TPH-G (GC/MS) (µg/l)	Benzene (µg/l)	Toluene (µg/l)	Ethyl-benzene (µg/l)	Total Xylenes (µg/l)	MTBE (8021B) (µg/l)	MTBE (8260B) (µg/l)	Comments
U-6 continued														
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	
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	

Table 2

HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS

August 1990 Through September 2006

76 Station 5325

Date Sampled	TOC Elevation (feet)	Depth to Water (feet)	LPH Thickness (feet)	Ground-water Elevation (feet)	Change in Elevation (feet)	TPH-G (8015M) (µg/l)	TPH-G (GC/MS) (µg/l)	Benzene (µg/l)	Toluene (µg/l)	Ethyl-benzene (µg/l)	Total Xylenes (µg/l)	MTBE (8021B) (µg/l)	MTBE (8260B) (µg/l)	Comments
U-6 continued														
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	
12/29/05	7.14	7.63	0.00	-0.49	2.81	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	13	
03/27/06	7.14	6.16	0.00	0.98	1.47	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	8.1	
06/12/06	7.14	6.59	0.00	0.55	-0.43	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	6.9	
09/21/06	7.14	6.90	0.00	0.24	-0.31	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--	3.1	

Table 2 a
ADDITIONAL HISTORIC ANALYTICAL RESULTS
76 Station 5325

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

Table 2 a
ADDITIONAL HISTORIC ANALYTICAL RESULTS
76 Station 5325

Date Sampled	TBA	Ethanol (8260B)	Ethylene-dibromide (EDB)	1,2-DCA (EDC)	DIPE	ETBE	TAME	Acenaph-thylene	Iron Ferrou	Nitrate	Phosphate (ortho)	Phosphate (total)	Redox Potential (ORP-Lab)	Post-purge Dissolved Oxygen	Pre-purge Dissolved Oxygen
	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(mg/l)	(mg/l)	(mg/l)	(mV)	(mg/l)	(mg/l)
U-1 continued															
03/28/05	--	ND<1000	--	--	--	--	--	--	16	ND<1.0	ND<1.0	--	--	4.32	3.26
06/14/05	4400	ND<1000	ND<10	ND<10	ND<10	ND<10	ND<10	--	7100	ND<1.0	12	--	--	3.95	4.52
09/28/05	5500	ND<250	ND<10	ND<10	ND<10	ND<10	ND<10	--	7300	ND<0.10	39	--	--	7.13	2.59
12/29/05	3900	ND<250	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--	9500	ND<0.10	21	--	--	3.74	2.81
03/27/06	--	ND<12000	--	--	--	--	--	--	8500	ND<0.10	ND<0.050	--	--	--	1.95
06/12/06	--	ND<250	--	--	--	--	--	--	25000	ND<0.10	0.64	--	--	--	1.20
09/21/06	--	ND<6200	--	--	--	--	--	--	16000	ND<0.10	1.5	--	--	--	1.28
U-2															
03/03/98	--	--	--	--	--	--	--	--	25000	ND	--	ND	369	--	--
06/15/98	--	--	--	--	--	--	--	--	42000	ND	--	ND	341	--	--
09/30/98	--	--	--	--	--	--	--	--	25000	ND	--	ND	354	--	--
12/28/98	--	--	--	--	--	--	--	--	28000	ND	--	ND	276	--	--
03/22/99	--	--	--	--	--	--	--	--	680	ND	--	2.3	320	--	--
06/09/99	--	--	--	--	--	--	--	--	500	ND	--	ND	290	--	--
09/08/99	--	--	--	--	--	--	--	--	1900	ND	--	ND	235	--	--
12/07/99	--	--	--	--	--	--	--	--	250	ND	--	ND	389	--	2.28
03/13/00	--	--	--	--	--	--	--	--	4300	0.31	--	ND	184	--	--
06/21/00	--	--	--	--	--	--	--	--	260	ND	--	ND	136	--	1.96
09/27/00	--	--	--	--	--	--	--	--	640	ND	--	10.5	142	--	2.12
12/12/00	--	--	--	--	--	--	--	--	2700	ND	--	ND	155	--	2.35
03/07/01	ND	ND	ND	ND	ND	ND	ND	--	677	2.24	--	3.02	148	--	2.21
06/06/01	ND	ND	ND	ND	ND	ND	ND	--	800	ND	--	2.8	163	--	2.67
09/24/01	ND<20000	ND<400000	ND<1000	ND<1000	ND<1000	ND<1000	ND<1000	--	ND<100	0.49	--	--	151	--	2.10
12/10/01	ND<2000	ND<4000	ND<50	ND<50	ND<50	ND<50	ND<50	--	ND<100	ND<0.50	--	0.20	171	--	2.81
03/11/02	ND<10000	ND<50000	ND<200	ND<200	ND<200	ND<200	ND<200	--	ND<100	ND<0.50	--	0.65	156	--	2.77
06/04/02	--	--	--	--	--	--	--	--	ND<100	ND<0.50	--	ND<0.10	144	--	3.14

Table 2 a
ADDITIONAL HISTORIC ANALYTICAL RESULTS
76 Station 5325

Date Sampled	TBA	Ethanol (8260B)	Ethylene-dibromide (EDB)	1,2-DCA (EDC)	DIPE	ETBE	TAME	Acenaph-thylene	Iron Ferrou	Nitrate	Phosphate (ortho)	Phosphate (total)	Redox Potential (ORP-Lab)	Post-purge Dissolved Oxygen	Pre-purge Dissolved Oxygen
	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(mg/l)	(mg/l)	(mg/l)	(mV)	(mg/l)	(mg/l)
U-2 continued															
09/03/02	ND<50000	ND<250000	ND<1000	ND<1000	ND<1000	ND<1000	ND<1000	--	ND<250	ND<0.50	--	0.26	151	--	2.85
12/03/02	ND<10000	ND<50000	ND<200	ND<200	ND<200	ND<200	ND<200	--	9900	ND<1.0	--	ND<1.0	94	--	1.97
03/04/03	ND<10000	ND<50000	ND<200	ND<200	ND<200	ND<200	ND<200	--	8600	ND<1.0	--	ND<1.0	-147	--	0.40
06/18/03	ND<10000	ND<50000	ND<200	ND<200	ND<200	ND<200	ND<200	--	5500	ND<1.0	--	3.1	-8	3.2	--
09/24/03	ND<20000	ND<100000	ND<400	ND<400	ND<400	ND<400	ND<400	--	14	ND<1.0	--	ND<1.0	-10	--	0.20
12/02/03	--	ND<100000	--	--	--	--	--	--	2700	--	--	--	--	1.81	1.70
03/30/04	2400	ND<10000	ND<100	ND<100	ND<200	ND<100	ND<100	--	ND<200	ND<1.0	2.9	--	--	--	2.40
06/07/04	2600	ND<10000	ND<100	ND<100	ND<200	ND<100	ND<100	--	210	ND<0.50	2.4	--	--	3.29	3.10
09/09/04	2700	ND<10000	ND<100	ND<100	ND<200	ND<100	ND<100	--	930	ND<1.0	5.9	--	--	3.10	3.12
12/20/04	3500	ND<5000	ND<50	ND<50	ND<100	ND<50	ND<50	--	0.87	ND<1.0	ND<1.0	--	--	6.54	.41
03/28/05	830	ND<5000	ND<50	ND<50	ND<50	ND<50	ND<0.50	--	4.0	ND<1.0	ND<1.0	--	--	4.30	3.76
06/14/05	10000	ND<2000	ND<20	ND<20	ND<20	ND<20	ND<20	--	3400	ND<1.0	ND<1.0	--	--	3.99	3.28
09/28/05	13000	ND<250	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--	4000	ND<0.20	7.5	--	--	6.62	2.87
12/29/05	1000000000	ND<250	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--	2200	ND<0.20	4.6	--	--	5.71	1.76
03/27/06	--	ND<250	--	--	--	--	--	--	1100	ND<0.10	ND<0.050	--	--	--	0.95
06/12/06	--	ND<6200	--	--	--	--	--	--	1500	ND<0.10	ND<0.050	--	--	--	19.82
09/21/06	--	ND<250	--	--	--	--	--	--	100	33	0.36	--	--	--	3.15
U-3															
06/30/97	--	--	--	--	--	--	--	--	1400	21	--	0.86	190	--	4.10
09/19/97	--	--	--	--	--	--	--	--	570	19	--	ND	75	--	4.20
12/12/97	--	--	--	--	--	--	--	--	1900	23	--	0.85	390	--	2.97
03/03/98	--	--	--	--	--	--	--	--	13	36	--	ND	358	--	2.63
06/15/98	--	--	--	--	--	--	--	--	160	33	--	ND	318	--	2.93
09/30/98	--	--	--	--	--	--	--	--	40	31	--	ND	295	--	3.11
12/28/98	--	--	--	--	--	--	--	--	ND	29	--	ND	281	--	3.59
03/22/99	--	--	--	--	--	--	--	--	15	30	--	0.14	310	--	4.02

Table 2 a
ADDITIONAL HISTORIC ANALYTICAL RESULTS
76 Station 5325

Date Sampled	TBA	Ethanol (8260B)	Ethylene-dibromide (EDB)	1,2-DCA (EDC)	DIPE	ETBE	TAME	Acenaph-thylene	Iron Ferrou	Nitrate	Phosphate (ortho)	Phosphate (total)	Redox Potential (ORP-Lab)	Post-purge Dissolved Oxygen	Pre-purge Dissolved Oxygen
	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(mg/l)	(mg/l)	(mg/l)	(mV)	(mg/l)	(mg/l)
U-3 continued															
06/09/99	--	--	--	--	--	--	--	--	ND	26	--	1.2	350	--	3.70
09/08/99	--	--	--	--	--	--	--	--	ND	32.90	--	ND	417	--	3.96
12/07/99	--	--	--	--	--	--	--	--	52	27.90	--	ND	437	--	4.21
03/13/00	--	--	--	--	--	--	--	--	150	33	--	ND	307	--	--
06/21/00	--	--	--	--	--	--	--	--	200	32	--	ND	225	--	4.27
09/27/00	--	--	--	--	--	--	--	307	ND	34	--	15.7	211	--	4.67
12/12/00	--	--	--	--	--	--	--	--	ND	31	--	ND	246	--	4.79
03/07/01	--	--	--	--	--	--	--	--	ND	36.5	--	0.443	251	--	5.16
06/06/01	--	--	--	--	--	--	--	--	ND	8.0	--	0.18	214	--	4.79
09/24/01	--	--	--	--	--	--	--	--	ND<100	23.0	--	ND	198	--	4.27
12/10/01	--	--	--	--	--	--	--	--	ND<100	21	--	0.11	188	--	4.66
03/11/02	--	--	--	--	--	--	--	--	ND<100	30	--	0.14	166	--	5.06
06/04/02	--	--	--	--	--	--	--	--	ND<100	18	--	ND<0.10	151	--	5.79
09/03/02	--	--	--	--	--	--	--	--	ND<100	28	--	ND<0.10	143	--	6.04
12/03/02	--	--	--	--	--	--	--	--	ND<200	20	--	ND<1.0	154	--	5.58
03/04/03	--	--	--	--	--	--	--	--	ND<200	18	--	ND<1.0	-136	--	0.20
06/18/03	--	--	--	--	--	--	--	--	ND<200	17	--	ND<1.0	333	3.5	--
09/24/03	--	ND<500	--	--	--	--	--	--	ND<0.20	18	--	1.4	-50	--	0.60
12/02/03	--	ND<500	--	--	--	--	--	--	ND<200	--	--	--	--	4.28	4.30
03/30/04	--	ND<50	--	--	--	--	--	--	ND<200	16	ND<1.0	--	--	7.75	2.80
06/07/04	--	ND<50	--	--	--	--	--	--	ND<200	17	ND<0.20	--	--	4.19	4.70
09/09/04	--	ND<50	--	--	--	--	--	--	ND<10	16	1.2	--	--	4.68	4.75
12/20/04	--	ND<50	--	--	--	--	--	--	ND<0.010	17	ND<1.0	--	--	6.70	3.28
03/28/05	--	ND<50	--	--	--	--	--	--	ND<0.050	17	ND<1.0	--	--	4.21	3.32
06/14/05	--	ND<50	--	--	--	--	--	--	ND<50	18	ND<1.0	--	--	2.97	2.82
09/28/05	--	ND<250	--	--	--	--	--	--	ND<100	4.3	0.66	--	--	6.99	4.96

Table 2 a
ADDITIONAL HISTORIC ANALYTICAL RESULTS
76 Station 5325

Date Sampled	TBA	Ethanol (8260B)	Ethylene-dibromide (EDB)	1,2-DCA (EDC)	DIPE	ETBE	TAME	Acenaph-thylene	Iron Ferrou	Nitrate	Phosphate (ortho)	Phosphate (total)	Redox Potential (ORP-Lab)	Post-purge Dissolved Oxygen	Pre-purge Dissolved Oxygen
	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(mg/l)	(mg/l)	(mg/l)	(mV)	(mg/l)	(mg/l)
U-3 continued															
12/29/05	--	ND<250	--	--	--	--	--	--	ND<100	4.3	0.65	--	--	4.57	3.35
03/27/06	--	ND<250	--	--	--	--	--	--	ND<100	4.5	0.66	--	--	--	2.67
06/12/06	--	ND<250	--	--	--	--	--	--	ND<100	4.4	0.64	--	--	--	3.97
09/21/06	--	ND<250	--	--	--	--	--	--	170	4.4	0.69	--	--	--	2.64
U-4															
06/30/97	--	--	--	--	--	--	--	--	130	35	--	0.52	200	--	5.40
09/19/97	--	--	--	--	--	--	--	--	350	30	--	ND	45	--	5.10
12/12/97	--	--	--	--	--	--	--	--	680	31	--	0.73	380	--	3.11
03/03/98	--	--	--	--	--	--	--	--	18	3.2	--	ND	284	--	2.94
06/15/98	--	--	--	--	--	--	--	--	140	33	--	ND	256	--	3.08
09/30/98	--	--	--	--	--	--	--	--	49	31	--	ND	276	--	4.05
12/28/98	--	--	--	--	--	--	--	--	360	31	--	ND	280	--	4.57
03/22/99	--	--	--	--	--	--	--	--	ND	30	--	0.14	320	--	4.26
06/09/99	--	--	--	--	--	--	--	--	ND	35	--	0.91	340	--	3.61
09/08/99	--	--	--	--	--	--	--	--	ND	24	--	ND	391	--	3.75
12/07/99	--	--	--	--	--	--	--	--	ND	27.7	--	ND	478	--	4.03
03/13/00	--	--	--	--	--	--	--	--	ND	33	--	ND	244	--	--
06/21/00	--	--	--	--	--	--	--	--	34	32	--	ND	248	--	4.89
09/27/00	--	--	--	--	--	--	--	--	ND	28	--	ND	198	--	5.09
12/12/00	--	--	--	--	--	--	--	--	ND	30	--	ND	210	--	4.86
03/07/01	--	--	--	--	--	--	--	--	ND	33.9	--	0.226	233	--	4.97
06/06/01	--	--	--	--	--	--	--	--	ND	7.4	--	0.21	248	--	5.12
09/24/01	--	--	--	--	--	--	--	--	ND<100	24	--	--	262	--	4.86
12/10/01	--	--	--	--	--	--	--	--	ND<100	19	--	0.10	242	--	5.05
03/11/02	--	--	--	--	--	--	--	--	ND<100	31	--	0.14	195	--	4.83
06/04/02	--	--	--	--	--	--	--	--	ND<100	27	--	ND<0.10	169	--	5.58

Table 2 a
ADDITIONAL HISTORIC ANALYTICAL RESULTS
76 Station 5325

Date Sampled	TBA	Ethanol (8260B)	Ethylene-dibromide (EDB)	1,2-DCA (EDC)	DIPE	ETBE	TAME	Acenaph-thylene	Iron Ferrou	Nitrate	Phosphate (ortho)	Phosphate (total)	Redox Potential (ORP-Lab)	Post-purge Dissolved Oxygen	Pre-purge Dissolved Oxygen
	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(mg/l)	(mg/l)	(mg/l)	(mV)	(mg/l)	(mg/l)
U-4 continued															
09/03/02	--	--	--	--	--	--	--	--	ND<100	28	--	0.27	126	--	5.94
12/03/02	--	--	--	--	--	--	--	--	ND<200	20	--	ND<1.0	133	--	5.82
03/04/03	--	--	--	--	--	--	--	--	ND<200	26	--	ND<1.0	-148	--	0.30
06/18/03	--	--	--	--	--	--	--	--	ND<200	31	--	ND<1.0	250	3.6	--
09/24/03	--	ND<500	--	--	--	--	--	--	ND<0.20	17	--	1.5	-24	--	0.20
12/02/03	--	ND<500	--	--	--	--	--	--	ND<200	--	--	--	--	3.45	3.57
03/30/04	--	ND<50	--	--	--	--	--	--	ND<200	25	ND<1.0	--	--	3.84	4.29
06/07/04	--	ND<50	--	--	--	--	--	--	ND<200	24	ND<0.20	--	--	4.02	4.56
09/09/04	--	ND<50	--	--	--	--	--	--	ND<10	22	ND<1.0	--	--	4.09	4.20
12/20/04	--	ND<50	--	--	--	--	--	--	ND<0.010	20	ND<1.0	--	--	6.19	5.11
03/28/05	--	ND<50	--	--	--	--	--	--	0.060	31	ND<1.0	--	--	4.66	4.54
06/14/05	--	ND<50	--	--	--	--	--	--	ND<50	32	ND<1.0	--	--	3.09	3.02
09/28/05	--	ND<250	--	--	--	--	--	--	190	6.8	0.45	--	--	6.59	5.02
12/29/05	--	ND<250	--	--	--	--	--	--	ND<100	5.3	0.37	--	--	5.09	5.03
03/27/06	--	ND<250	--	--	--	--	--	--	ND<100	6.4	0.41	--	--	--	5.51
06/12/06	--	ND<250	--	--	--	--	--	--	2200	6.8	0.39	--	--	--	4.33
09/21/06	--	ND<250	--	--	--	--	--	--	360	5.7	0.43	--	--	--	3.51
U-5															
06/30/97	--	--	--	--	--	--	--	--	16000	ND	--	ND	160	--	3.40
09/19/97	--	--	--	--	--	--	--	--	220	ND	--	ND	63	--	0.60
12/12/97	--	--	--	--	--	--	--	--	6700	ND	--	ND	400	--	1.75
03/03/98	--	--	--	--	--	--	--	--	18000	3.1	--	ND	345	--	2.36
06/15/98	--	--	--	--	--	--	--	--	17000	ND	--	ND	333	--	2.55
09/30/98	--	--	--	--	--	--	--	--	17000	ND	--	ND	318	--	1.93
12/28/98	--	--	--	--	--	--	--	--	17000	6.6	--	ND	305	--	1.64
03/22/99	--	--	--	--	--	--	--	--	120	ND	--	2.4	340	--	1.99

Table 2 a
ADDITIONAL HISTORIC ANALYTICAL RESULTS
76 Station 5325

Date Sampled	TBA	Ethanol (8260B)	Ethylene-dibromide (EDB)	1,2-DCA (EDC)	DIPE	ETBE	TAME	Acenaph-thylene	Iron Ferrou	Nitrate	Phosphate (ortho)	Phosphate (total)	Redox Potential (ORP-Lab)	Post-purge Dissolved Oxygen	Pre-purge Dissolved Oxygen
	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(mg/l)	(mg/l)	(mg/l)	(mV)	(mg/l)	(mg/l)
U-5 continued															
06/09/99	--	--	--	--	--	--	--	--	230	ND	--	ND	320	--	2.10
09/08/99	--	--	--	--	--	--	--	--	2100	ND	--	ND	335	--	2.21
12/07/99	--	--	--	--	--	--	--	--	310	ND	--	ND	408	--	2.66
03/13/00	--	--	--	--	--	--	--	--	330	0.16	--	ND	264	--	--
06/21/00	--	--	--	--	--	--	--	--	150	ND	--	ND	159	--	3.42
09/27/00	--	--	--	--	--	--	--	--	330	ND	--	ND	136	--	3.85
12/12/00	--	--	--	--	--	--	--	--	86	ND	--	ND	122	--	3.53
03/07/01	ND	ND	ND	ND	ND	ND	ND	--	1070	3.02	--	4.00	141	--	2.98
06/06/01	--	--	--	--	--	--	--	--	ND	ND	--	1.2	112	--	2.67
09/24/01	ND<200	ND<4000	ND<10	ND<10	ND<10	ND<10	ND<10	--	ND<100	0.77	--	--	146	--	3.15
12/10/01	--	--	--	--	--	--	--	--	3700	ND<0.50	--	2.6	96	--	2.85
03/11/02	ND<100	ND<500	ND<2.0	ND<2.0	ND<2.0	ND<2.0	ND<2.0	--	100	ND<0.50	--	0.52	108	--	3.15
06/04/02	--	--	--	--	--	--	--	--	ND<250	ND<0.50	--	ND<0.10	118	--	3.46
09/03/02	ND<100	ND<500	ND<2.0	ND<2.0	ND<2.0	ND<2.0	ND<2.0	--	ND<250	ND<0.50	--	ND<0.10	87	--	2.85
12/03/02	ND<100	ND<500	ND<2.0	ND<2.0	ND<2.0	ND<2.0	ND<2.0	--	22000	ND<1.0	--	ND<1.0	104	--	2.71
03/04/03	ND<100	ND<500	ND<2.0	ND<2.0	ND<2.0	ND<2.0	ND<2.0	--	19000	ND<1.0	--	ND<1.0	-166	--	0.20
06/18/03	ND<100	ND<500	ND<2.0	ND<2.0	ND<2.0	ND<2.0	ND<2.0	--	11000	ND<1.0	--	ND<1.0	-10	2.4	--
09/24/03	--	ND<500	--	--	--	--	--	--	ND<0.20	18	--	1.8	-28	--	0.30
12/02/03	--	ND<500	--	--	--	--	--	--	9400	--	--	--	--	2.22	2.15
03/30/04	52	ND<50	ND<0.50	ND<0.50	ND<1.0	ND<0.50	ND<0.50	--	5900	ND<1.0	ND<1.0	--	--	1.89	1.88
06/07/04	69	ND<50	ND<0.5	ND<0.5	ND<1.0	ND<0.5	ND<0.5	--	3800	ND<0.50	ND<0.20	--	--	1.88	1.92
09/09/04	130	ND<50	ND<0.50	ND<0.50	ND<1.0	ND<0.50	ND<0.50	--	4100	ND<1.0	ND<1.0	--	--	2.38	2.58
12/20/04	--	ND<50	--	--	--	--	--	--	5.0	ND<1.0	ND<1.0	--	--	.71	2.01
03/28/05	150	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--	6.5	ND<1.0	ND<1.0	--	--	2.02	1.06
06/14/05	160	ND<100	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--	7400	3.6	ND<1.0	--	--	2.38	2.02
09/28/05	220	ND<250	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--	7300	ND<0.50	0.10	--	--	6.94	4.58

Table 2 a
ADDITIONAL HISTORIC ANALYTICAL RESULTS
76 Station 5325

Date Sampled	TBA	Ethanol (8260B)	Ethylene-dibromide (EDB)	1,2-DCA (EDC)	DIPE	ETBE	TAME	Acenaph-thylene	Iron Ferrou	Nitrate	Phosphate (ortho)	Phosphate (total)	Redox Potential (ORP-Lab)	Post-purge Dissolved Oxygen	Pre-purge Dissolved Oxygen
	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(mg/l)	(mg/l)	(mg/l)	(mV)	(mg/l)	(mg/l)
U-5 continued															
12/29/05	280	ND<250	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--	7300	ND<0.50	ND<0.050	--	--	2.17	1.99
03/27/06	--	ND<250	--	--	--	--	--	--	6300	ND<0.50	ND<0.050	--	--	--	2.69
06/12/06	--	ND<250	--	--	--	--	--	--	8700	ND<0.20	ND<0.050	--	--	--	2.32
09/21/06	--	ND<250	--	--	--	--	--	--	6800	ND<0.50	ND<0.050	--	--	--	1.37
U-6															
06/30/97	--	--	--	--	--	--	--	--	88000	0.80	--	ND	190	--	0.30
09/19/97	--	--	--	--	--	--	--	--	2900	1.80	--	ND	ND	--	0.60
12/12/97	--	--	--	--	--	--	--	--	51000	ND	--	ND	380	--	2.70
03/03/98	--	--	--	--	--	--	--	--	60000	3.5	--	ND	327	--	2.18
06/15/98	--	--	--	--	--	--	--	--	590000	4.8	--	ND	315	--	2.48
09/30/98	--	--	--	--	--	--	--	--	33000	ND	--	ND	345	--	3.06
12/28/98	--	--	--	--	--	--	--	--	83000	7.2	--	ND	297	--	3.42
03/22/99	--	--	--	--	--	--	--	--	2100	ND	--	0.98	330	--	3.88
06/09/99	--	--	--	--	--	--	--	--	470	0.20	--	ND	320	--	3.29
09/08/99	--	--	--	--	--	--	--	--	140	5.59	--	ND	305	--	3.12
12/07/99	--	--	--	--	--	--	--	--	260	ND	--	ND	443	--	3.44
03/13/00	--	--	--	--	--	--	--	--	790	0.26	--	ND	222	--	--
06/21/00	--	--	--	--	--	--	--	--	1900	ND	--	ND	159	--	3.27
09/27/00	--	--	--	--	--	--	--	--	2600	ND	--	ND	170	--	3.49
12/12/00	--	--	--	--	--	--	--	--	ND	2.7	--	ND	128	--	3.06
03/07/01	ND	ND	ND	ND	ND	ND	ND	--	--	--	--	--	--	--	--
06/06/01	ND	ND	ND	ND	ND	ND	ND	--	470	0.15	--	0.70	97	--	2.46
09/24/01	ND<2000	ND<40000	ND<100	ND<100	ND<100	ND<100	ND<100	--	ND<100	0.58	--	--	123	--	3.10
12/10/01	ND<200	ND<400	ND<5.0	ND<5.0	ND<5.0	ND<5.0	ND<5.0	--	990	0.50	--	2.0	112	--	2.57
03/11/02	ND<400	ND<2000	ND<8.0	ND<8.0	ND<8.0	ND<8.0	ND<8.0	--	1200	ND<0.50	--	0.089	128	--	3.03
06/04/02	--	--	--	--	--	--	--	--	ND<100	ND<0.50	--	ND<1.0	97	--	2.84

Table 2 a
ADDITIONAL HISTORIC ANALYTICAL RESULTS
76 Station 5325

Date Sampled	TBA	Ethanol (8260B)	Ethylene-dibromide (EDB)	1,2-DCA (EDC)	DIPE	ETBE	TAME	Acenaph-thylene	Iron Ferrou	Nitrate	Phosphate (ortho)	Phosphate (total)	Redox Potential (ORP-Lab)	Post-purge Dissolved Oxygen	Pre-purge Dissolved Oxygen
	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(mg/l)	(mg/l)	(mg/l)	(mV)	(mg/l)	(mg/l)
U-6 continued															
09/03/02	ND<2000	ND<10000	ND<40	ND<40	ND<40	ND<40	ND<40	--	ND<100	0.58	--	1.1	110	--	3.12
12/03/02	ND<1000	ND<5000	ND<20	ND<20	ND<20	ND<20	ND<20	--	1200	ND<1.0	--	2.6	95	--	2.96
03/04/03	ND<2000	ND<10000	ND<40	ND<40	ND<40	ND<40	ND<40	--	20000	ND<1.0	--	ND<1.0	-112	--	0.30
06/18/03	ND<2000	ND<10000	ND<40	ND<40	ND<40	ND<40	ND<40	--	3200	ND<1.0	--	2.0	-15	3.2	--
09/24/03	ND<20000	ND<100000	ND<400	ND<400	ND<400	ND<400	ND<400	--	1.4	ND<1.0	--	4.6	-12	--	0.30
12/02/03	--	ND<10000	--	--	--	--	--	--	1400	--	--	--	--	3.10	2.53
03/30/04	770	ND<1000	ND<10	ND<10	ND<20	ND<10	ND<10	--	2600	ND<1.0	ND<1.0	--	--	3.61	1.88
06/07/04	110	ND<1000	ND<10	ND<10	ND<20	ND<10	ND<10	--	2100	0.8	ND<0.20	--	--	2.43	2.90
09/09/04	1900	ND<1000	ND<10	ND<10	ND<20	ND<10	ND<10	--	870	ND<1.0	3.8	--	--	2.84	2.96
12/20/04	5000	ND<250	ND<2.5	ND<2.5	ND<5.0	ND<2.5	ND<2.5	--	2.5	ND<1.0	ND<1.0	--	--	--	--
03/28/05	990	--	ND<2.5	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--	3.4	ND<1.0	ND<1.0	--	--	3.18	2.57
06/14/05	ND<5.0	ND<100	ND<0.5	ND<0.5	ND<0.50	ND<0.50	ND<0.50	--	4100	3.8	ND<1.0	--	--	4.02	4.20
09/28/05	3800	ND<250	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--	21000	ND<0.20	3.4	--	--	7.93	6.82
12/29/05	1100	ND<250	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--	8300	0.48	ND<0.050	--	--	1.49	3.56
03/27/06	--	ND<250	--	--	--	--	--	--	8800	0.37	0.19	--	--	--	1.33
06/12/06	--	ND<250	--	--	--	--	--	--	8500	0.23	ND<0.050	--	--	--	1.32
09/21/06	--	ND<250	--	--	--	--	--	--	2900	0.19	0.31	--	--	--	2.07

Table 2 b
ADDITIONAL HISTORIC ANALYTICAL RESULTS
76 Station 5325

Date Sampled	Pre-purge ORP (mV)	Post-purge ORP (mV)
U-1		
12/02/03	-72	-73
03/30/04	-40	-54
06/07/04	-32	-48
12/20/04	--	32
03/28/05	124	138
06/14/05	-145	-177
09/28/05	-065	-160
12/29/05	-310	-508
03/27/06	-667	--
06/12/06	-229	--
09/21/06	-110	--
U-2		
12/02/03	-29	-67
03/30/04	-6	--
06/07/04	-8	7
09/09/04	-74	-79
12/20/04	-84	-72
03/28/05	118	140
06/14/05	-155	-206
09/28/05	-100	-179
12/29/05	-578	-484
03/27/06	-1334	--
06/12/06	-130	--
09/21/06	-18	--
U-3		

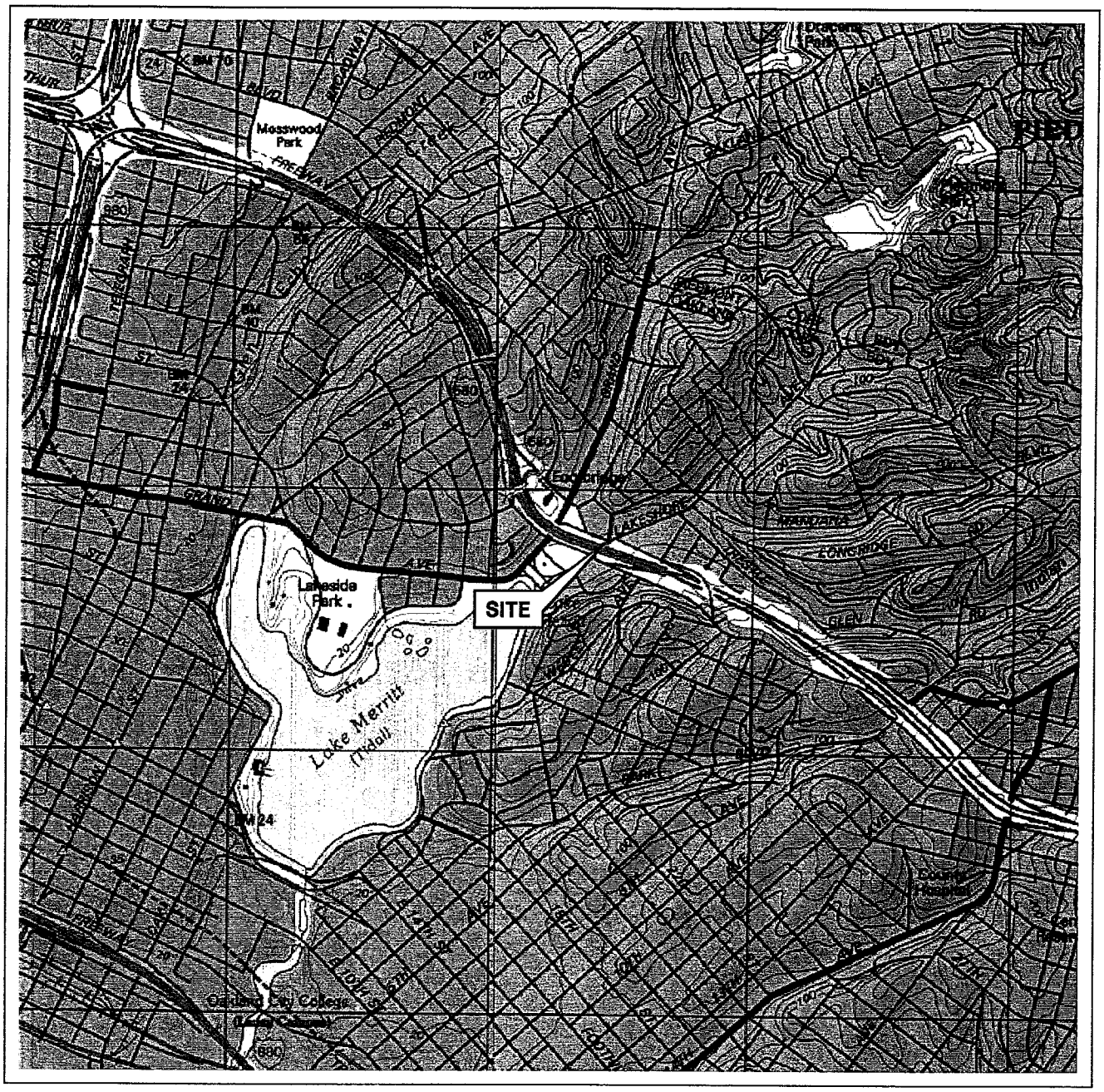
Table 2 b
ADDITIONAL HISTORIC ANALYTICAL RESULTS
76 Station 5325

Date Sampled	Pre-purge ORP (mV)	Post-purge ORP (mV)
U-3 continued		
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
12/29/05	-802	-1132
03/27/06	-1588	--
06/12/06	77	--
09/21/06	-33	--
U-4		
12/02/03	107	102
03/30/04	19	42
06/07/04	27	15
09/09/04	-26	-8
12/20/04	84	77
03/28/05	163	130
06/14/05	78	88
09/28/05	099	082
12/29/05	-628	-632
03/27/06	-1000	--
06/12/06	102	--
09/21/06	152	--
U-5		

Table 2 b
ADDITIONAL HISTORIC ANALYTICAL RESULTS
76 Station 5325

Date Sampled	Pre-purge ORP (mV)	Post-purge ORP (mV)
U-5 continued		
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
12/29/05	-416	-411
03/27/06	-585	--
06/12/06	-236	--
09/21/06	-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
12/29/05	-480	-548
03/27/06	-953	--
06/12/06	-234	--
09/21/06	-113	--

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

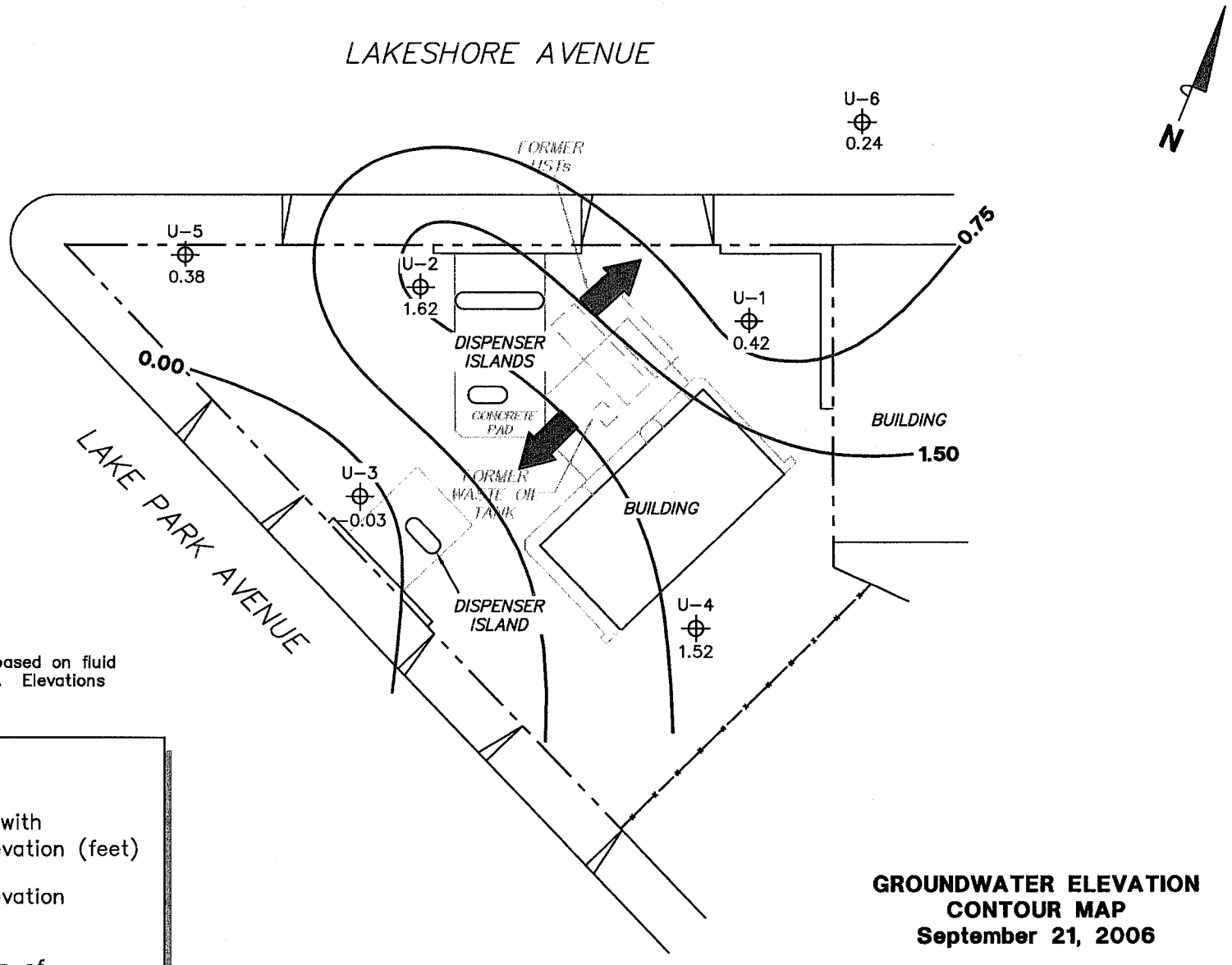
VICINITY MAP

76 Station 5325
3220 Lakeshore Avenue
Oakland, California

FIGURE 1

TRC

PS = 1:1 L:\VICINITY MAPS\5325VM.DWG Jun 30, 2006 - 12:55pm 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)

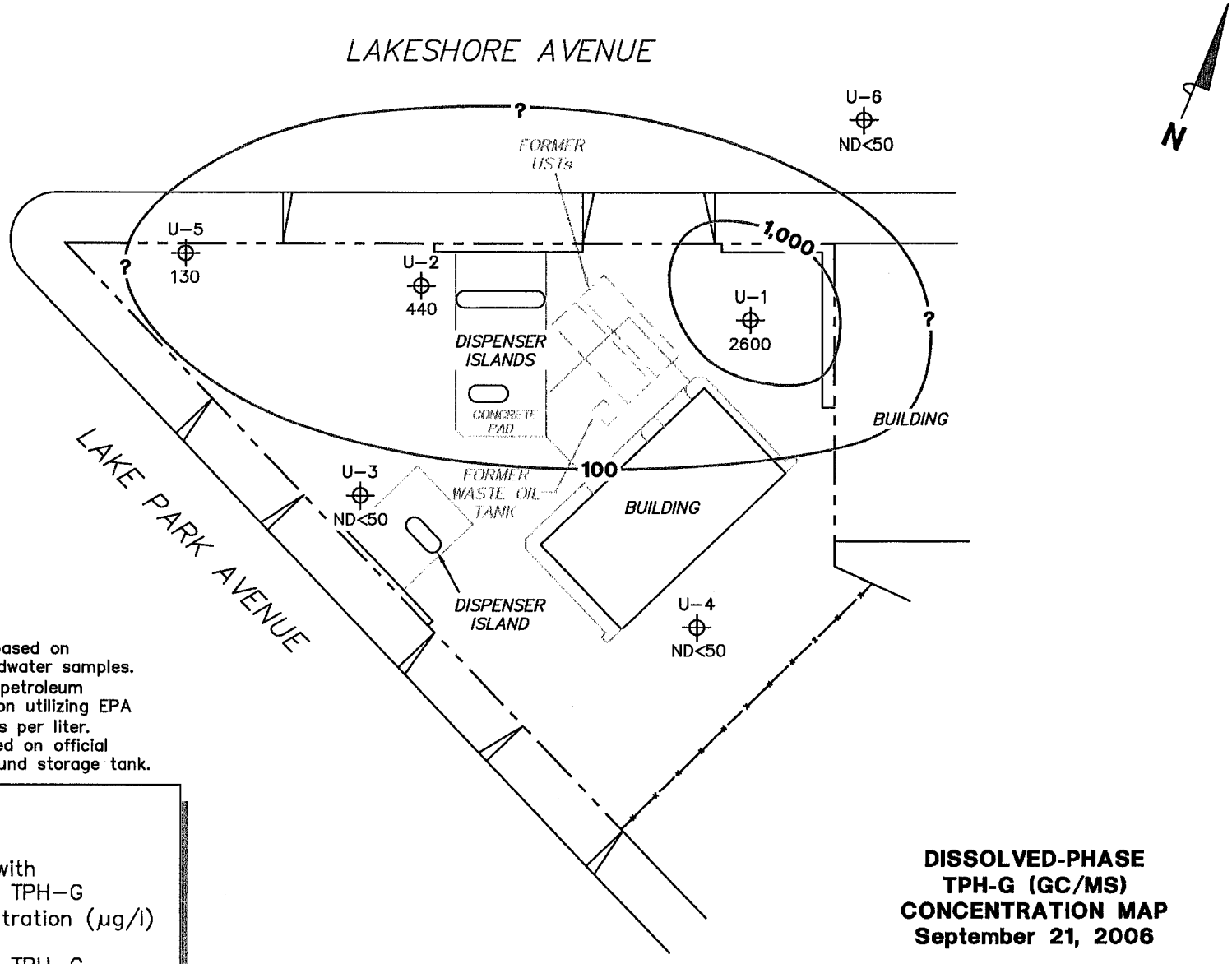
0 40

GROUNDWATER ELEVATION CONTOUR MAP
September 21, 2006

76 Station 5325
3220 Lakeshore Avenue
Oakland, California

FIGURE 2

TRC



NOTES:

Contour lines are interpretive and based on laboratory analysis results of groundwater samples. TPH-G (GC/MS) = total purgeable petroleum hydrocarbons with gasoline distinction utilizing EPA Method 8260B. 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 TPH-G (GC/MS) Concentration (µg/l)

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

TRC

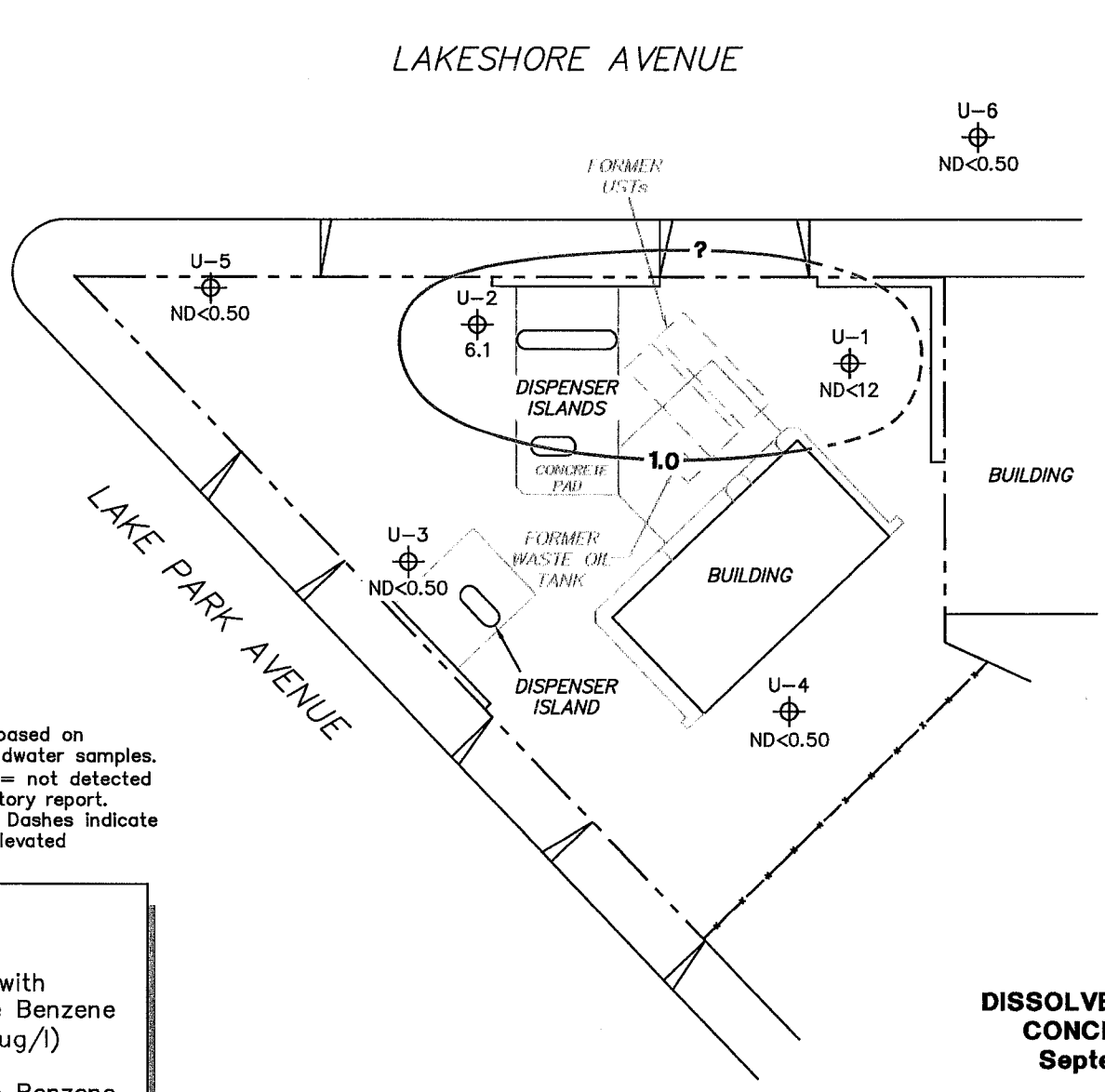
SCALE (FEET)

0 40

DISSOLVED-PHASE TPH-G (GC/MS) CONCENTRATION MAP September 21, 2006

76 Station 5325
3220 Lakeshore Avenue
Oakland, California

FIGURE 3



NOTES:

Contour lines are interpretive and based on laboratory analysis results of groundwater samples. µg/l = micrograms per liter. ND = not detected at limit indicated on official laboratory report. UST = underground storage tank. Dashes indicate contour based on non-detect at elevated detection limit.

LEGEND

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

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

TRC

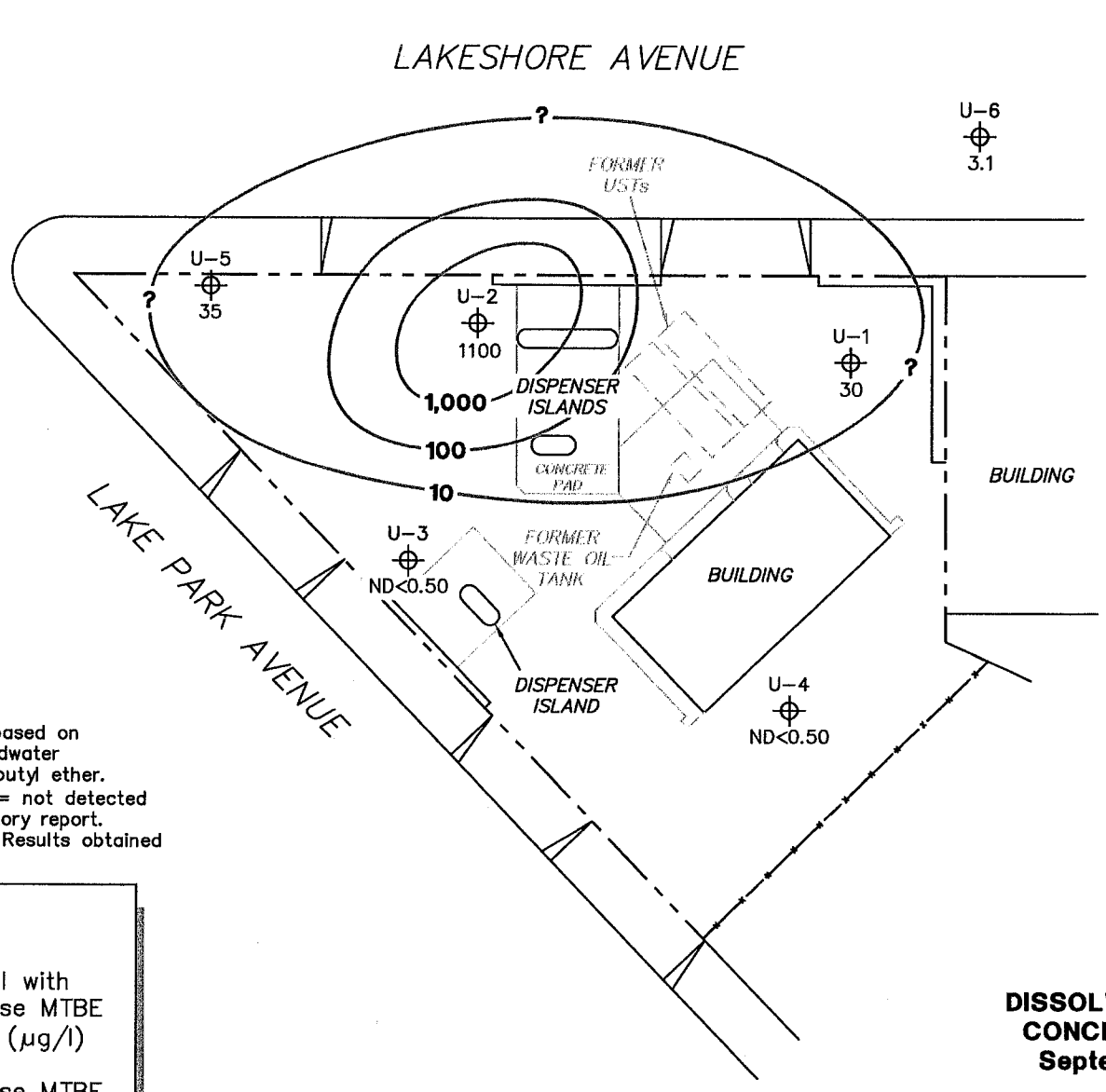
SCALE (FEET)

0 40

DISSOLVED-PHASE BENZENE CONCENTRATION MAP
September 21, 2006

76 Station 5325
3220 Lakeshore Avenue
Oakland, California

FIGURE 4



NOTES:

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

LEGEND

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

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

TRC

SCALE (FEET)

0 40

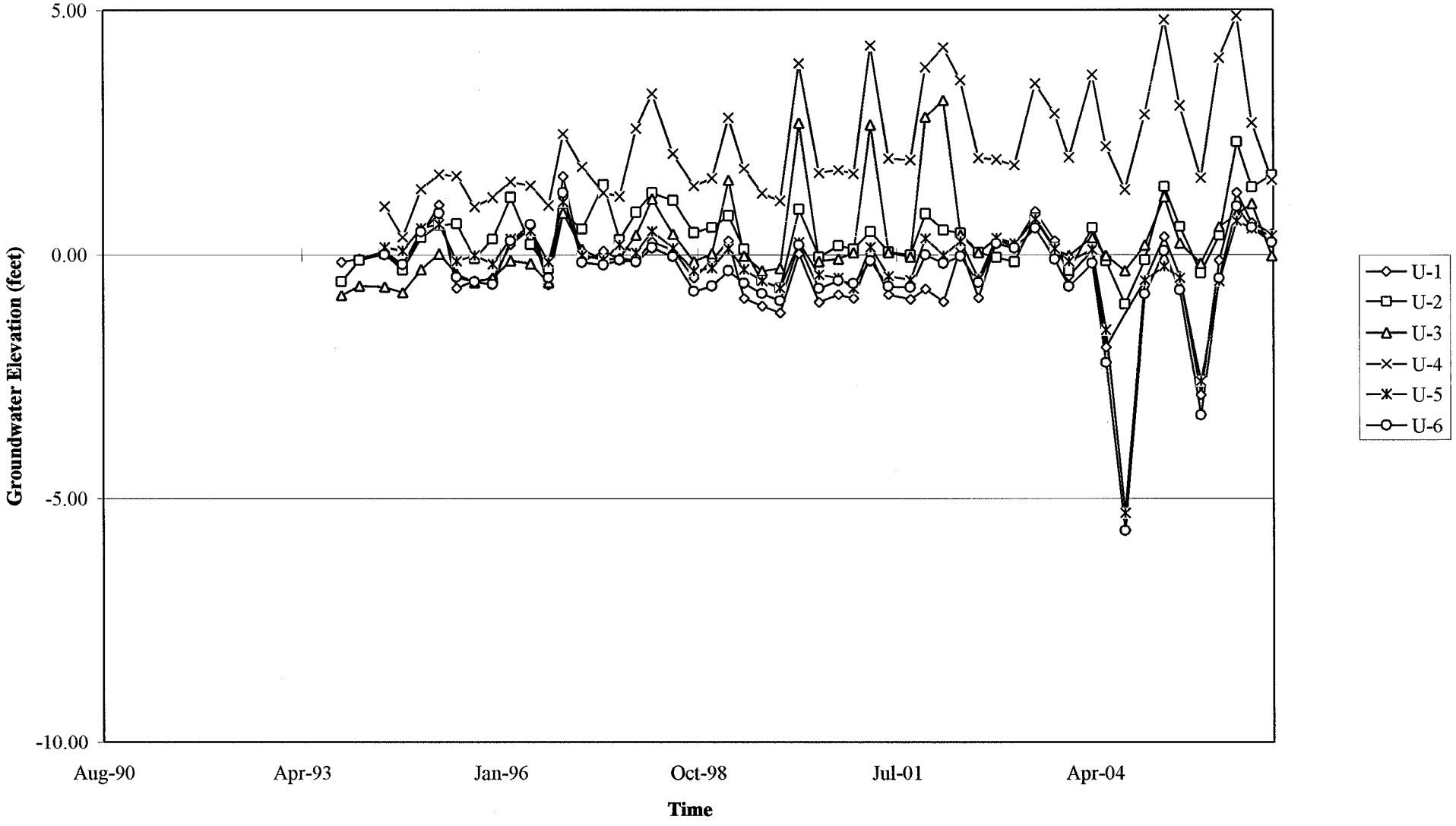
DISSOLVED-PHASE MTBE CONCENTRATION MAP
September 21, 2006

76 Station 5325
3220 Lakeshore Avenue
Oakland, California

FIGURE 5

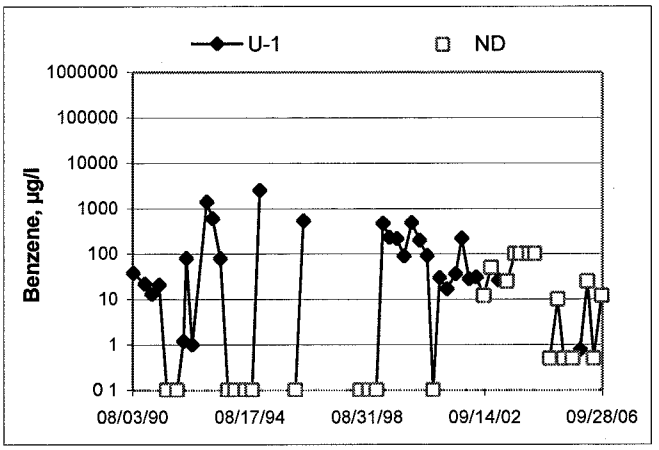
GRAPHS

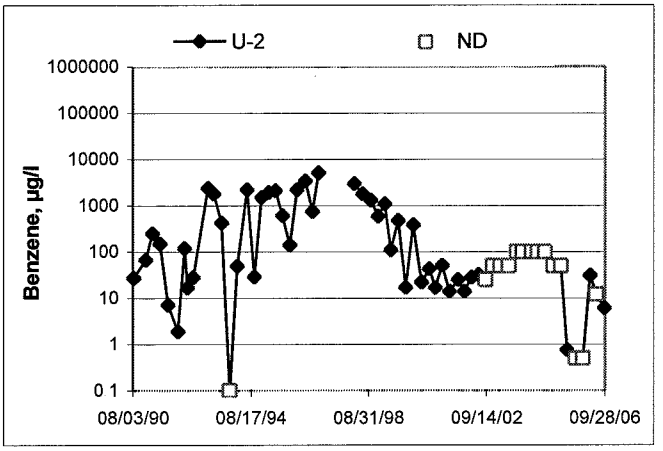
Groundwater Elevations vs. Time
76 Station 5325

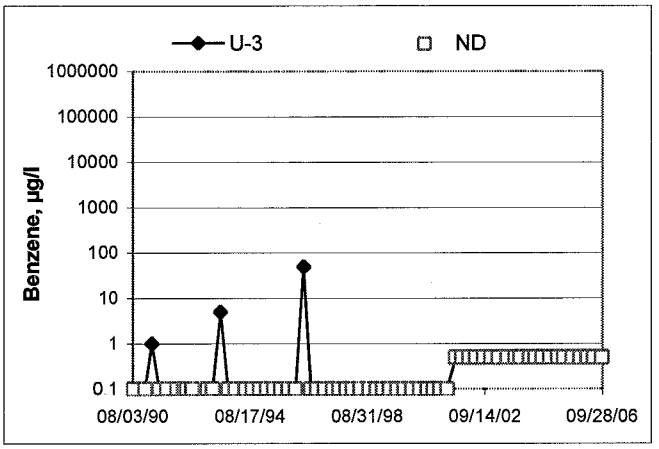


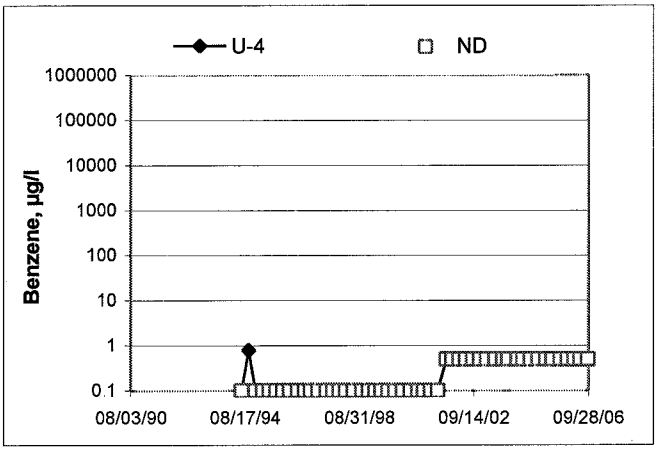
Elevations may have been corrected for apparent changes due to resurvey

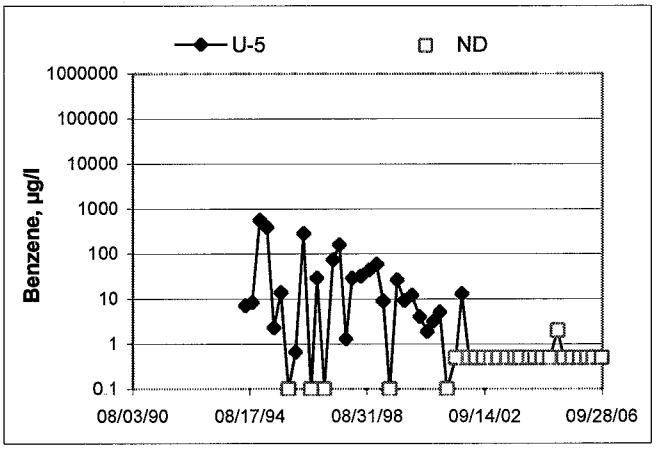
Benzene Concentrations vs Time
76 Station 5325

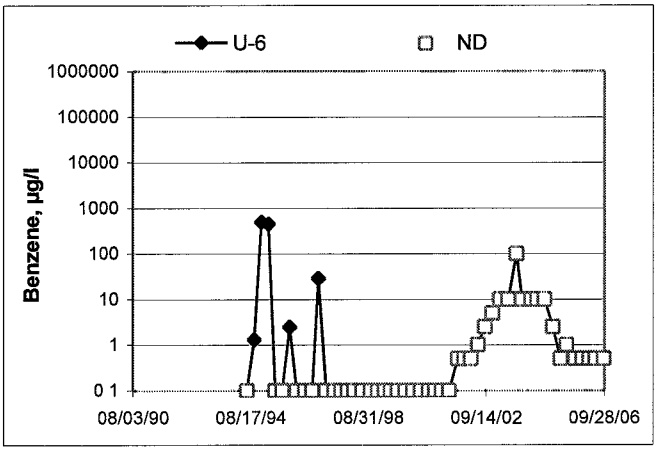












GENERAL FIELD PROCEDURES

Groundwater Monitoring and Sampling Assignments

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

Fluid Level Measurements

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

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

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

Purging and Groundwater Parameter Measurement

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

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

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

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

Groundwater Sample Collection

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

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

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

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

Sequence of Gauging, Purging and Sampling

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

Decontamination

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

Exceptions

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

FIELD MONITORING DATA SHEET

Technician: Rick R. Job #/Task #: 411060000 : EA20 Date: 9/21/06

Site # 5325 Project Manager K. WOODBURNE Page 1 of 1

Well #	TOC	Time Gauged	Total Depth	Depth to Water	Depth to Product	Product Thickness (feet)	Time Sampled	Misc. Well Notes
U-4	✓	0614	19.96	9.63	—	—	1010	4"
U-3	✓	0655	19.41	11.01	—	—	0940	3"
U-1	✓	0659	13.25	8.04	—	—	0955	3"
U-5	✓	0704	20.05	6.60	—	—	1050	4"
U-6	✓	0708	23.75	6.90	—	—	1100	2"
U-2	✓	0649	19.92	6.00	—	—	1025	3"

FIELD DATA COMPLETE	QA/QC	COC	WELL BOX CONDITION SHEETS
✓	✓	✓	✓
MANIFEST	DRUM INVENTORY	TRAFFIC CONTROL	
	✓	✓	

TRC

GROUNDWATER SAMPLING FIELD NOTES

Technician: Rick R

Site: 5325 Project No: 411060001 Date: 9/21/06

Well No. U-5 Purge Method: DIA

Depth to Water (feet): 6.60 Depth to Product (feet): 0

Total Depth (feet) 20.05 LPH & Water Recovered (gallons): 0

Water Column (feet): 13.45 Casing Diameter (Inches): 4"

80% Recharge Depth(feet): 9.29 1 Well Volume (gallons): 9

Time Start	Time Stop	Depth to Water (feet)	Volume Purged (gallons)	Conduc-tivity (uS/cm)	Temperature (F, ©)	pH	D.O.	ORP	Turbidity
0844			9	2510	20.8	6.66	1.37	-125	
			18	2914	20.2	6.77	0.81	-132	
	0852		27	2942	19.6	6.81	0.73	-129	

Static at Time Sampled	Total Gallons Purged	Sample Time
8.20	27	1050

Comments:

Well No. U-6 Purge Method: DIA

Depth to Water (feet): 6.90 Depth to Product (feet): 0

Total Depth (feet) 23.75 LPH & Water Recovered (gallons): 0

Water Column (feet): 16.85 Casing Diameter (Inches): 2"

80% Recharge Depth(feet): 10.27 1 Well Volume (gallons) 3

Time Start	Time Stop	Depth to Water (feet)	Volume Purged (gallons)	Conduc-tivity (uS/cm)	Temperature (F, ©)	pH	D.O.	ORP	Turbidity
0859			3	1186	19.0	7.00	2.07	-113	
			6	1238	18.6	6.90	1.25	-117	
	0902		9	1220	18.4	6.90	1.13	-117	

Static at Time Sampled	Total Gallons Purged	Sample Time
7.10	9	1100

Comments:

TRC

GROUNDWATER SAMPLING FIELD NOTES

Technician: Rick R.

Site: 5325 Project No: 411060001 Date: 9/21/06

Well No. U-3 Purge Method: DIA

Depth to Water (feet): 11.01 Depth to Product (feet): 0

Total Depth (feet) 19.41 LPH & Water Recovered (gallons): 0

Water Column (feet): 8.40 Casing Diameter (Inches): 3"

80% Recharge Depth(feet): 12.69 1 Well Volume (gallons): 3

Time Start	Time Stop	Depth to Water (feet)	Volume Purged (gallons)	Conductivity (uS/cm)	Temperature (F, C)	pH	D.O.	ORP	Turbidity
0822			3	1025	20.1	7.26	2.64	-33	
			6	926.3	20.0	7.25	6.40	2	
	0827		9	933.6	19.9	7.38	7.17	8	

Static at Time Sampled	Total Gallons Purged	Sample Time
11.66	9	0940

Comments: WAS ATTEMPTING ~~TO~~ TAKE ANOTHER READING, BUT THE WELL WENT DRY

Well No. U-1 Purge Method: DIA

Depth to Water (feet): 8.04 Depth to Product (feet): 0

Total Depth (feet) 13.25 LPH & Water Recovered (gallons): 0

Water Column (feet): 5.21 Casing Diameter (Inches): 3"

80% Recharge Depth(feet): 9.08 1 Well Volume (gallons): 2

Time Start	Time Stop	Depth to Water (feet)	Volume Purged (gallons)	Conductivity (uS/cm)	Temperature (F C)	pH	D.O.	ORP	Turbidity
0834			2	1024	20.8	6.65	1.28	-110	
			4	1052	21.0	6.66	0.91	-132	
	0837		6	1087	20.7	6.76	1.39	-137	

Static at Time Sampled	Total Gallons Purged	Sample Time
8.42	6	0955

Comments:

TRC

GROUNDWATER SAMPLING FIELD NOTES

Technician: Rick R.

Site: 5325 Project No: 41060001 Date: 9/21/06

Well No. U-4 Purge Method: DIA

Depth to Water (feet): 9.63 Depth to Product (feet): 0

Total Depth (feet) 19.96 LPH & Water Recovered (gallons): 0

Water Column (feet): 10.33 Casing Diameter (Inches): 4"

80% Recharge Depth(feet): 11.70 1 Well Volume (gallons): 7

Time Start	Time Stop	Depth to Water (feet)	Volume Purged (gallons)	Conduc-tivity (uS/cm)	Temperature (F (C))	pH	D.O.	ORP	Turbidity
0758			7	1002	20.5	7.92	3.91	152	
	0805		14	1031	21.1	7.46	3.85	152	
			21						

Static at Time Sampled	Total Gallons Purged	Sample Time
16.71	19	1010

Comments: WENT DRY @ 19 GALS. DID NOT RECOVER IN 2 HRS.

Well No. U-2 Purge Method: DIA

Depth to Water (feet): 6.00 Depth to Product (feet): 0

Total Depth (feet) 19.92 LPH & Water Recovered (gallons): 0

Water Column (feet): 13.92 Casing Diameter (Inches): 3"

80% Recharge Depth(feet) 8.78 1 Well Volume (gallons): 5

Time Start	Time Stop	Depth to Water (feet)	Volume Purged (gallons)	Conduc-tivity (uS/cm)	Temperature (F (C))	pH	D.O.	ORP	Turbidity
0813	0815		5	2292	20.9	7.03	3.15	-18	
			10						
			15						

Static at Time Sampled	Total Gallons Purged	Sample Time
12.70	5	1029

Comments: WELL WENT DRY @ 5 GALS. DID NOT RECOVER IN 2 HRS.

TRC

BC LABORATORIES, INC.

Date of Report: 10/06/2006

Anju Farfan

TRC Alton Geoscience

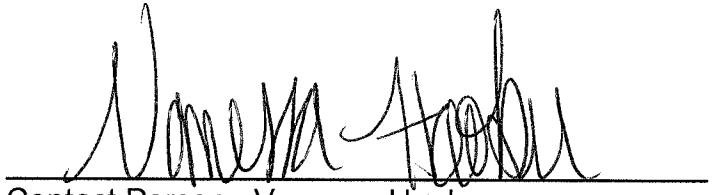
21 Technology Drive
Irvine, CA 92618-2302

RE: 5325

BC Lab Number: 0609821

Enclosed are the results of analyses for samples received by the laboratory on 09/21/06 23:20. If you have any questions concerning this report, please feel free to contact me.

Sincerely,



Contact Person: Vanessa Hooker

Client Service Rep

Authorized Signature

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

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

Reported: 10/06/06 10:30

Laboratory / Client Sample Cross Reference

Laboratory	Client Sample Information				
0609821-01	**COC Number:**	---	**Receive Date:**	09/21/06 23:20	Delivery Work Order:
	Project Number:	5325	**Sampling Date:**	09/21/06 09:55	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:	Rick R. of TRCI			Cooler ID:
0609821-02	**COC Number:**	---	**Receive Date:**	09/21/06 23:20	Delivery Work Order:
	Project Number:	5352	**Sampling Date:**	09/21/06 10:25	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:	Rick R. of TRCI			Cooler ID:
0609821-03	**COC Number:**	---	**Receive Date:**	09/21/06 23:20	Delivery Work Order:
	Project Number:	5325	**Sampling Date:**	09/21/06 09:40	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:	Rick R. of TRCI			Cooler ID:
0609821-04	**COC Number:**	---	**Receive Date:**	09/21/06 23:20	Delivery Work Order:
	Project Number:	5325	**Sampling Date:**	09/21/06 10:10	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:	Rick R. of TRCI			Cooler ID:
0609821-05	**COC Number:**	---	**Receive Date:**	09/21/06 23:20	Delivery Work Order:
	Project Number:	5325	**Sampling Date:**	09/21/06 10:50	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:	Rick R. of TRCI			Cooler ID:

TRC Alton Geoscience	Project: 5325	
21 Technology Drive	Project Number: [none]	
Irvine CA, 92618-2302	Project Manager: Anju Farfan	**Reported:** 10/06/06 10:30

Laboratory / Client Sample Cross Reference

Laboratory	Client Sample Information				
0609821-06	**COC Number:**	---	**Receive Date:**	09/21/06 23:20	Delivery Work Order:
	Project Number:	5325	**Sampling Date:**	09/21/06 11:00	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:	Rick R. of TRCI			Cooler ID:

TRC Alton Geoscience	Project: 5325	
21 Technology Drive	Project Number: [none]	
Irvine CA, 92618-2302	Project Manager: Anju Farfan	**Reported:** 10/06/06 10:30

Volatile Organic Analysis (EPA Method 8260)

BCL Sample ID: 0609821-01 | **Client Sample Name:** 5325, U-1, U-1, 9/21/2006 9:55:00AM, Rick R.

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	12		EPA-8260	09/30/06	10/02/06 18:45	MWB	MS-V13	25	BPJ0191	ND	A01
Ethylbenzene	ND	ug/L	12		EPA-8260	09/30/06	10/02/06 18:45	MWB	MS-V13	25	BPJ0191	ND	A01
Methyl t-butyl ether	30	ug/L	12		EPA-8260	09/30/06	10/02/06 18:45	MWB	MS-V13	25	BPJ0191	ND	A01
Toluene	ND	ug/L	12		EPA-8260	09/30/06	10/02/06 18:45	MWB	MS-V13	25	BPJ0191	ND	A01
Total Xylenes	ND	ug/L	12		EPA-8260	09/30/06	10/02/06 18:45	MWB	MS-V13	25	BPJ0191	ND	A01
Ethanol	ND	ug/L	6200		EPA-8260	09/30/06	10/02/06 18:45	MWB	MS-V13	25	BPJ0191	ND	
Total Purgeable Petroleum Hydrocarbons	2600	ug/L	1200		EPA-8260	09/30/06	10/02/06 18:45	MWB	MS-V13	25	BPJ0191	ND	A01
1,2-Dichloroethane-d4 (Surrogate)	101	%	76 - 114 (LCL - UCL)		EPA-8260	09/30/06	10/02/06 18:45	MWB	MS-V13	25	BPJ0191		
Toluene-d8 (Surrogate)	96.9	%	88 - 110 (LCL - UCL)		EPA-8260	09/30/06	10/02/06 18:45	MWB	MS-V13	25	BPJ0191		
4-Bromofluorobenzene (Surrogate)	88.1	%	86 - 115 (LCL - UCL)		EPA-8260	09/30/06	10/02/06 18:45	MWB	MS-V13	25	BPJ0191		

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

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

Reported: 10/06/06 10:30

Water Analysis (General Chemistry)

BCL Sample ID: 0609821-01 | **Client Sample Name:** 5325, U-1, U-1, 9/21/2006 9:55:00AM, Rick R.

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	09/21/06	09/22/06 05:30	LMB	IC1	1	BPI0956	ND	
Iron (II) Species	16000	ug/L	500		SM-3500-Fe	09/22/06	09/22/06 08:30	MV1	SPEC05	5	BPI1302	ND	A01
ortho-Phosphate	1.5	mg/L	0.050		EPA-365.1	09/22/06	09/22/06 10:50	TDC	KONE-1	1	BPI1040	ND	

TRC Alton Geoscience	Project: 5325	
21 Technology Drive	Project Number: [none]	
Irvine CA, 92618-2302	Project Manager: Anju Farfan	**Reported:** 10/06/06 10:30

Volatile Organic Analysis (EPA Method 8260)

BCL Sample ID: 0609821-02 | **Client Sample Name:** 5352, U-2, U-2, 9/21/2006 10:25:00AM, Rick R.

Constituent	Result	Units	PQL	MDL	Method	Prep Date	Run Date/Time	Analyst	Instru-ment ID	Dilution	QC Batch ID	MB Bias	Lab Quals
Benzene	6.1	ug/L	0.50		EPA-8260	09/30/06	10/02/06 19:32	MWB	MS-V13	1	BPJ0191	ND	
Ethylbenzene	1.7	ug/L	0.50		EPA-8260	09/30/06	10/02/06 19:32	MWB	MS-V13	1	BPJ0191	ND	
Methyl t-butyl ether	1100	ug/L	12		EPA-8260	09/30/06	10/02/06 19:09	MWB	MS-V13	25	BPJ0191	ND	A01
Toluene	ND	ug/L	0.50		EPA-8260	09/30/06	10/02/06 19:32	MWB	MS-V13	1	BPJ0191	ND	
Total Xylenes	ND	ug/L	0.50		EPA-8260	09/30/06	10/02/06 19:32	MWB	MS-V13	1	BPJ0191	ND	
Ethanol	ND	ug/L	250		EPA-8260	09/30/06	10/02/06 19:32	MWB	MS-V13	1	BPJ0191	ND	
Total Purgeable Petroleum Hydrocarbons	440	ug/L	50		EPA-8260	09/30/06	10/02/06 19:32	MWB	MS-V13	1	BPJ0191	ND	
1,2-Dichloroethane-d4 (Surrogate)	108	%	76 - 114 (LCL - UCL)		EPA-8260	09/30/06	10/02/06 19:32	MWB	MS-V13	1	BPJ0191		
1,2-Dichloroethane-d4 (Surrogate)	108	%	76 - 114 (LCL - UCL)		EPA-8260	09/30/06	10/02/06 19:09	MWB	MS-V13	25	BPJ0191		
Toluene-d8 (Surrogate)	96.6	%	88 - 110 (LCL - UCL)		EPA-8260	09/30/06	10/02/06 19:09	MWB	MS-V13	25	BPJ0191		
Toluene-d8 (Surrogate)	97.8	%	88 - 110 (LCL - UCL)		EPA-8260	09/30/06	10/02/06 19:32	MWB	MS-V13	1	BPJ0191		
4-Bromofluorobenzene (Surrogate)	91.5	%	86 - 115 (LCL - UCL)		EPA-8260	09/30/06	10/02/06 19:09	MWB	MS-V13	25	BPJ0191		
4-Bromofluorobenzene (Surrogate)	90.6	%	86 - 115 (LCL - UCL)		EPA-8260	09/30/06	10/02/06 19:32	MWB	MS-V13	1	BPJ0191		

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

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

Reported: 10/06/06 10:30

Water Analysis (General Chemistry)

BCL Sample ID: 0609821-02 | **Client Sample Name:** 5352, U-2, U-2, 9/21/2006 10:25:00AM, Rick R.

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	33	mg/L	0.20		EPA-300.0	09/21/06	09/22/06 07:01	LMB	IC1	2	BPI1001	ND	A01
Iron (II) Species	100	ug/L	100		SM-3500-Fe	09/22/06	09/22/06 08:30	MV1	SPEC05	1	BPI1302	ND	
ortho-Phosphate	0.36	mg/L	0.050		EPA-365.1	09/22/06	09/22/06 10:50	TDC	KONE-1	1	BPI1040	ND	

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

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

Reported: 10/06/06 10:30

Volatile Organic Analysis (EPA Method 8260)

BCL Sample ID: 0609821-03 | **Client Sample Name:** 5325, U-3, U-3, 9/21/2006 9:40:00AM, Rick R.

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	09/30/06	10/01/06 08:12	MWB	MS-V13	1	BPJ0023	ND	V11
Ethylbenzene	ND	ug/L	0.50		EPA-8260	09/30/06	10/01/06 08:12	MWB	MS-V13	1	BPJ0023	ND	
Methyl t-butyl ether	ND	ug/L	0.50		EPA-8260	09/30/06	10/01/06 08:12	MWB	MS-V13	1	BPJ0023	ND	
Toluene	ND	ug/L	0.50		EPA-8260	09/30/06	10/01/06 08:12	MWB	MS-V13	1	BPJ0023	ND	
Total Xylenes	ND	ug/L	0.50		EPA-8260	09/30/06	10/01/06 08:12	MWB	MS-V13	1	BPJ0023	ND	
Ethanol	ND	ug/L	250		EPA-8260	09/30/06	10/01/06 08:12	MWB	MS-V13	1	BPJ0023	ND	
Total Purgeable Petroleum Hydrocarbons	ND	ug/L	50		EPA-8260	09/30/06	10/01/06 08:12	MWB	MS-V13	1	BPJ0023	ND	
1,2-Dichloroethane-d4 (Surrogate)	107	%	76 - 114 (LCL - UCL)		EPA-8260	09/30/06	10/01/06 08:12	MWB	MS-V13	1	BPJ0023		
Toluene-d8 (Surrogate)	98.2	%	88 - 110 (LCL - UCL)		EPA-8260	09/30/06	10/01/06 08:12	MWB	MS-V13	1	BPJ0023		
4-Bromofluorobenzene (Surrogate)	90.8	%	86 - 115 (LCL - UCL)		EPA-8260	09/30/06	10/01/06 08:12	MWB	MS-V13	1	BPJ0023		

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

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

Reported: 10/06/06 10:30

Water Analysis (General Chemistry)

BCL Sample ID: 0609821-03 | **Client Sample Name:** 5325, U-3, U-3, 9/21/2006 9:40:00AM, Rick R.

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	4.4	mg/L	0.10		EPA-300.0	09/21/06	09/22/06 07:19	LMB	IC1	1	BPI1001	ND	
Iron (II) Species	170	ug/L	100		SM-3500-Fe	09/22/06	09/22/06 08:30	MV1	SPEC05	1	BPI1302	ND	
ortho-Phosphate	0.69	mg/L	0.050		EPA-365.1	09/22/06	09/22/06 10:50	TDC	KONE-1	1	BPI1040	ND	

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

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

Reported: 10/06/06 10:30

Volatile Organic Analysis (EPA Method 8260)

BCL Sample ID: 0609821-04 | **Client Sample Name:** 5325, U-4, U-4, 9/21/2006 10:10:00AM, Rick R.

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	09/30/06	10/01/06 08:35	MWB	MS-V13	1	BPJ0023	ND	V11
Ethylbenzene	ND	ug/L	0.50		EPA-8260	09/30/06	10/01/06 08:35	MWB	MS-V13	1	BPJ0023	ND	
Methyl t-butyl ether	ND	ug/L	0.50		EPA-8260	09/30/06	10/01/06 08:35	MWB	MS-V13	1	BPJ0023	ND	
Toluene	ND	ug/L	0.50		EPA-8260	09/30/06	10/01/06 08:35	MWB	MS-V13	1	BPJ0023	ND	
Total Xylenes	ND	ug/L	0.50		EPA-8260	09/30/06	10/01/06 08:35	MWB	MS-V13	1	BPJ0023	ND	
Ethanol	ND	ug/L	250		EPA-8260	09/30/06	10/01/06 08:35	MWB	MS-V13	1	BPJ0023	ND	
Total Purgeable Petroleum Hydrocarbons	ND	ug/L	50		EPA-8260	09/30/06	10/01/06 08:35	MWB	MS-V13	1	BPJ0023	ND	
1,2-Dichloroethane-d4 (Surrogate)	112	%	76 - 114 (LCL - UCL)		EPA-8260	09/30/06	10/01/06 08:35	MWB	MS-V13	1	BPJ0023		
Toluene-d8 (Surrogate)	97.2	%	88 - 110 (LCL - UCL)		EPA-8260	09/30/06	10/01/06 08:35	MWB	MS-V13	1	BPJ0023		
4-Bromofluorobenzene (Surrogate)	89.2	%	86 - 115 (LCL - UCL)		EPA-8260	09/30/06	10/01/06 08:35	MWB	MS-V13	1	BPJ0023		

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

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

Reported: 10/06/06 10:30

Water Analysis (General Chemistry)

BCL Sample ID: 0609821-04 | **Client Sample Name:** 5325, U-4, U-4, 9/21/2006 10:10:00AM, Rick R.

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	5.7	mg/L	0.10		EPA-300.0	09/21/06	09/22/06 08:31	LMB	IC1	1	BPI1001	ND	
Iron (II) Species	360	ug/L	100		SM-3500-Fe	09/22/06	09/22/06 08:30	MV1	SPEC05	1	BPI1302	ND	
ortho-Phosphate	0.43	mg/L	0.050		EPA-365.1	09/22/06	09/22/06 10:55	TDC	KONE-1	1	BPI1040	ND	

TRC Alton Geoscience	Project: 5325	
21 Technology Drive	Project Number: [none]	
Irvine CA, 92618-2302	Project Manager: Anju Farfan	**Reported:** 10/06/06 10:30

Volatile Organic Analysis (EPA Method 8260)

BCL Sample ID: 0609821-05 | **Client Sample Name:** 5325, U-5, U-5, 9/21/2006 10:50:00AM, Rick R.

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	09/30/06	10/01/06 08:59	MWB	MS-V13	1	BPJ0023	ND	V11
Ethylbenzene	ND	ug/L	0.50		EPA-8260	09/30/06	10/01/06 08:59	MWB	MS-V13	1	BPJ0023	ND	
Methyl t-butyl ether	35	ug/L	0.50		EPA-8260	09/30/06	10/01/06 08:59	MWB	MS-V13	1	BPJ0023	ND	
Toluene	ND	ug/L	0.50		EPA-8260	09/30/06	10/01/06 08:59	MWB	MS-V13	1	BPJ0023	ND	
Total Xylenes	ND	ug/L	0.50		EPA-8260	09/30/06	10/01/06 08:59	MWB	MS-V13	1	BPJ0023	ND	
Ethanol	ND	ug/L	250		EPA-8260	09/30/06	10/01/06 08:59	MWB	MS-V13	1	BPJ0023	ND	
Total Purgeable Petroleum Hydrocarbons	130	ug/L	50		EPA-8260	09/30/06	10/01/06 08:59	MWB	MS-V13	1	BPJ0023	ND	
1,2-Dichloroethane-d4 (Surrogate)	108	%	76 - 114 (LCL - UCL)		EPA-8260	09/30/06	10/01/06 08:59	MWB	MS-V13	1	BPJ0023		
Toluene-d8 (Surrogate)	98.5	%	88 - 110 (LCL - UCL)		EPA-8260	09/30/06	10/01/06 08:59	MWB	MS-V13	1	BPJ0023		
4-Bromofluorobenzene (Surrogate)	87.8	%	86 - 115 (LCL - UCL)		EPA-8260	09/30/06	10/01/06 08:59	MWB	MS-V13	1	BPJ0023		

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

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

Reported: 10/06/06 10:30

Water Analysis (General Chemistry)

BCL Sample ID: 0609821-05 | **Client Sample Name:** 5325, U-5, U-5, 9/21/2006 10:50:00AM, Rick R.

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	0.50		EPA-300.0	09/21/06	09/22/06 08:50	LMB	IC1	5	BPI1001	ND	A01
Iron (II) Species	6800	ug/L	200		SM-3500-Fe	09/22/06	09/22/06 08:30	MV1	SPEC05	2	BPI1302	ND	A01
ortho-Phosphate	ND	mg/L	0.050		EPA-365.1	09/22/06	09/22/06 10:55	TDC	KONE-1	1	BPI1040	ND	

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

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

Reported: 10/06/06 10:30

Volatile Organic Analysis (EPA Method 8260)

BCL Sample ID: 0609821-06 | **Client Sample Name:** 5325, U-6, U-6, 9/21/2006 11:00:00AM, Rick R.

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	10/01/06	10/02/06 13:33	MWB	MS-V13	1	BPJ0191	ND	
Ethylbenzene	ND	ug/L	0.50		EPA-8260	10/01/06	10/02/06 13:33	MWB	MS-V13	1	BPJ0191	ND	
Methyl t-butyl ether	3.1	ug/L	0.50		EPA-8260	10/01/06	10/02/06 13:33	MWB	MS-V13	1	BPJ0191	ND	
Toluene	ND	ug/L	0.50		EPA-8260	10/01/06	10/02/06 13:33	MWB	MS-V13	1	BPJ0191	ND	
Total Xylenes	ND	ug/L	0.50		EPA-8260	10/01/06	10/02/06 13:33	MWB	MS-V13	1	BPJ0191	ND	
Ethanol	ND	ug/L	250		EPA-8260	10/01/06	10/02/06 13:33	MWB	MS-V13	1	BPJ0191	ND	
Total Purgeable Petroleum Hydrocarbons	ND	ug/L	50		EPA-8260	10/01/06	10/02/06 13:33	MWB	MS-V13	1	BPJ0191	ND	
1,2-Dichloroethane-d4 (Surrogate)	102	%	76 - 114 (LCL - UCL)		EPA-8260	10/01/06	10/02/06 13:33	MWB	MS-V13	1	BPJ0191		
Toluene-d8 (Surrogate)	97.3	%	88 - 110 (LCL - UCL)		EPA-8260	10/01/06	10/02/06 13:33	MWB	MS-V13	1	BPJ0191		
4-Bromofluorobenzene (Surrogate)	89.7	%	86 - 115 (LCL - UCL)		EPA-8260	10/01/06	10/02/06 13:33	MWB	MS-V13	1	BPJ0191		

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

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

Reported: 10/06/06 10:30

Water Analysis (General Chemistry)

BCL Sample ID: 0609821-06 | **Client Sample Name:** 5325, U-6, U-6, 9/21/2006 11:00:00AM, Rick R.

Constituent	Result	Units	PQL	MDL	Method	Prep Date	Run Date/Time	Analyst	Instru-ment ID	Dilution	QC Batch ID	MB Bias	Lab Quals
Nitrate as N	0.19	mg/L	0.10		EPA-300.0	09/21/06	09/22/06 09:08	LMB	IC1	1	BPI1001	ND	
Iron (II) Species	2900	ug/L	100		SM-3500-Fe	09/22/06	09/22/06 08:30	MV1	SPEC05	1	BPI1302	ND	
ortho-Phosphate	0.31	mg/L	0.050		EPA-365.1	09/22/06	09/22/06 10:55	TDC	KONE-1	1	BPI1040	ND	

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

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

Reported: 10/06/06 10:30

Volatile Organic Analysis (EPA Method 8260)

Quality Control Report - Precision & Accuracy

Constituent	Batch ID	QC Sample Type	Source Sample ID	Source Result	Result	Spike Added	Units	RPD	Percent Recovery	Control Limits RPD	Control Limits Percent Recovery	Lab Quals
Benzene	BPJ0023	Matrix Spike	0609861-01	ND	29.050	25.000	ug/L		116		70 - 130	
		Matrix Spike Duplicate	0609861-01	ND	28.080	25.000	ug/L	3.51	112	20	70 - 130	
Toluene	BPJ0023	Matrix Spike	0609861-01	ND	25.220	25.000	ug/L		101		70 - 130	
		Matrix Spike Duplicate	0609861-01	ND	24.120	25.000	ug/L	4.56	96.5	20	70 - 130	
1,2-Dichloroethane-d4 (Surrogate)	BPJ0023	Matrix Spike	0609861-01	ND	10.320	10.000	ug/L		103		76 - 114	
		Matrix Spike Duplicate	0609861-01	ND	10.970	10.000	ug/L		110		76 - 114	
Toluene-d8 (Surrogate)	BPJ0023	Matrix Spike	0609861-01	ND	9.9800	10.000	ug/L		99.8		88 - 110	
		Matrix Spike Duplicate	0609861-01	ND	10.080	10.000	ug/L		101		88 - 110	
4-Bromofluorobenzene (Surrogate)	BPJ0023	Matrix Spike	0609861-01	ND	9.3600	10.000	ug/L		93.6		86 - 115	
		Matrix Spike Duplicate	0609861-01	ND	9.8200	10.000	ug/L		98.2		86 - 115	
Benzene	BPJ0191	Matrix Spike	0608879-79	ND	26.070	25.000	ug/L		104		70 - 130	
		Matrix Spike Duplicate	0608879-79	ND	25.530	25.000	ug/L	1.94	102	20	70 - 130	
Toluene	BPJ0191	Matrix Spike	0608879-79	ND	25.380	25.000	ug/L		102		70 - 130	
		Matrix Spike Duplicate	0608879-79	ND	24.520	25.000	ug/L	3.90	98.1	20	70 - 130	
1,2-Dichloroethane-d4 (Surrogate)	BPJ0191	Matrix Spike	0608879-79	ND	9.9700	10.000	ug/L		99.7		76 - 114	
		Matrix Spike Duplicate	0608879-79	ND	10.040	10.000	ug/L		100		76 - 114	
Toluene-d8 (Surrogate)	BPJ0191	Matrix Spike	0608879-79	ND	9.9100	10.000	ug/L		99.1		88 - 110	
		Matrix Spike Duplicate	0608879-79	ND	9.9200	10.000	ug/L		99.2		88 - 110	
4-Bromofluorobenzene (Surrogate)	BPJ0191	Matrix Spike	0608879-79	ND	9.7400	10.000	ug/L		97.4		86 - 115	
		Matrix Spike Duplicate	0608879-79	ND	9.6900	10.000	ug/L		96.9		86 - 115	

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

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

Reported: 10/06/06 10:30

Water Analysis (General Chemistry)

Quality Control Report - Precision & Accuracy

Constituent	Batch ID	QC Sample Type	Source Sample ID	Source Result	Result	Spike Added	Units	RPD	Percent Recovery	Control Limits RPD	Control Limits Percent Recovery	Lab Quals
Nitrate as N	BPI0956	Duplicate	0609753-10	8.1490	8.1790		mg/L	0.367		10		
		Matrix Spike	0609753-10	8.1490	13.407	5.0505	mg/L		104		80 - 120	
		Matrix Spike Duplicate	0609753-10	8.1490	13.454	5.0505	mg/L	0.957	105	10	80 - 120	
Nitrate as N	BPI1001	Duplicate	0609821-03	4.3690	4.3690		mg/L	0.00		10		
		Matrix Spike	0609821-03	4.3690	9.4616	5.0505	mg/L		101		80 - 120	
		Matrix Spike Duplicate	0609821-03	4.3690	9.4778	5.0505	mg/L	0.00	101	10	80 - 120	
ortho-Phosphate	BPI1040	Duplicate	0609817-06	ND	ND		mg/L			10		
		Matrix Spike	0609817-06	ND	0.65309	0.64547	mg/L		101		90 - 110	
		Matrix Spike Duplicate	0609817-06	ND	0.66711	0.64547	mg/L	1.96	103	10	90 - 110	
Iron (II) Species	BPI1302	Duplicate	0609821-03	165.60	165.60		ug/L	0.00		10		

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

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

Reported: 10/06/06 10:30

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	BPJ0023	BPJ0023-BS1	LCS	27.780	25.000	1.0	ug/L	111		70 - 130		
Toluene	BPJ0023	BPJ0023-BS1	LCS	25.010	25.000	1.0	ug/L	100		70 - 130		
1,2-Dichloroethane-d4 (Surrogate)	BPJ0023	BPJ0023-BS1	LCS	11.000	10.000		ug/L	110		76 - 114		
Toluene-d8 (Surrogate)	BPJ0023	BPJ0023-BS1	LCS	10.110	10.000		ug/L	101		88 - 110		
4-Bromofluorobenzene (Surrogate)	BPJ0023	BPJ0023-BS1	LCS	9.7600	10.000		ug/L	97.6		86 - 115		
Benzene	BPJ0191	BPJ0191-BS1	LCS	25.090	25.000	0.50	ug/L	100		70 - 130		
Toluene	BPJ0191	BPJ0191-BS1	LCS	25.000	25.000	0.50	ug/L	100		70 - 130		
1,2-Dichloroethane-d4 (Surrogate)	BPJ0191	BPJ0191-BS1	LCS	9.3800	10.000		ug/L	93.8		76 - 114		
Toluene-d8 (Surrogate)	BPJ0191	BPJ0191-BS1	LCS	9.9700	10.000		ug/L	99.7		88 - 110		
4-Bromofluorobenzene (Surrogate)	BPJ0191	BPJ0191-BS1	LCS	9.6700	10.000		ug/L	96.7		86 - 115		

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

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

Reported: 10/06/06 10:30

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	BPI0956	BPI0956-BS1	LCS	5.0390	5.0000	0.10	mg/L	101		90 - 110		
Nitrate as N	BPI1001	BPI1001-BS1	LCS	5.0600	5.0000	0.10	mg/L	101		90 - 110		
ortho-Phosphate	BPI1040	BPI1040-BS1	LCS	0.62280	0.61320	0.050	mg/L	102		90 - 110		
Iron (II) Species	BPI1302	BPI1302-BS1	LCS	1854.2	2000.0	100	ug/L	92.7		90 - 110		

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

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

Reported: 10/06/06 10:30

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	BPJ0023	BPJ0023-BLK1	ND	ug/L	1.0	0.12	
Ethylbenzene	BPJ0023	BPJ0023-BLK1	ND	ug/L	1.0	0.13	
Methyl t-butyl ether	BPJ0023	BPJ0023-BLK1	ND	ug/L	2.0	0.15	
Toluene	BPJ0023	BPJ0023-BLK1	ND	ug/L	1.0	0.15	
Total Xylenes	BPJ0023	BPJ0023-BLK1	ND	ug/L	1.0	0.40	
Ethanol	BPJ0023	BPJ0023-BLK1	ND	ug/L	1000	110	
Total Purgeable Petroleum Hydrocarbons	BPJ0023	BPJ0023-BLK1	ND	ug/L	50	23	
1,2-Dichloroethane-d4 (Surrogate)	BPJ0023	BPJ0023-BLK1	101	%	76 - 114 (LCL - UCL)		
Toluene-d8 (Surrogate)	BPJ0023	BPJ0023-BLK1	100	%	88 - 110 (LCL - UCL)		
4-Bromofluorobenzene (Surrogate)	BPJ0023	BPJ0023-BLK1	92.5	%	86 - 115 (LCL - UCL)		
Benzene	BPJ0191	BPJ0191-BLK1	ND	ug/L	0.50	0.14	
Ethylbenzene	BPJ0191	BPJ0191-BLK1	ND	ug/L	0.50	0.094	
Methyl t-butyl ether	BPJ0191	BPJ0191-BLK1	ND	ug/L	0.50	0.13	
Toluene	BPJ0191	BPJ0191-BLK1	ND	ug/L	0.50	0.12	
Total Xylenes	BPJ0191	BPJ0191-BLK1	ND	ug/L	0.50	0.31	
Ethanol	BPJ0191	BPJ0191-BLK1	ND	ug/L	250	85	
Total Purgeable Petroleum Hydrocarbons	BPJ0191	BPJ0191-BLK1	ND	ug/L	50	16	
1,2-Dichloroethane-d4 (Surrogate)	BPJ0191	BPJ0191-BLK1	100	%	76 - 114 (LCL - UCL)		
Toluene-d8 (Surrogate)	BPJ0191	BPJ0191-BLK1	99.0	%	88 - 110 (LCL - UCL)		
4-Bromofluorobenzene (Surrogate)	BPJ0191	BPJ0191-BLK1	96.6	%	86 - 115 (LCL - UCL)		

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

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

Reported: 10/06/06 10:30

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	BPI0956	BPI0956-BLK1	ND	mg/L	0.10	0.018	
Nitrate as N	BPI1001	BPI1001-BLK1	ND	mg/L	0.10	0.018	
ortho-Phosphate	BPI1040	BPI1040-BLK1	ND	mg/L	0.050	0.030	
Iron (II) Species	BPI1302	BPI1302-BLK1	ND	ug/L	100	100	

TRC Alton Geoscience	Project: 5325	
21 Technology Drive	Project Number: [none]	
Irvine CA, 92618-2302	Project Manager: Anju Farfan	**Reported:** 10/06/06 10:30

Notes and Definitions

V11	The Continuing Calibration Verification (CCV) recovery is not within established control limits.
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** Rev. No. 10 01/21/04 Page ___ Of ___

Submission #: 06-09827 | 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 R/W Emissivity 0.97
Temperature: 1.6 °C Container RPR
Thermometer ID: 48

Date/Time 9/21/16
Analyst Init AMR

SAMPLE CONTAINERS	SAMPLE NUMBERS 1	2	3	4	5	6	7	8	9	10
QT GENERAL MINERAL/ GENERAL PHYSICAL										
PT PE UNPRESERVED										
QT INORGANIC CHEMICAL METALS										
PT INORGANIC CHEMICAL METALS										
PT CYANIDE										
PT NITROGEN FORMS										
PT TOTAL SULFIDE										
2oz. NITRATE / NITRITE										
100ml TOTAL ORGANIC CARBON										
QT TOX										
PT CHEMICAL OXYGEN DEMAND										
PtA PHENOLICS										
40ml VOA VIAL TRAVEL BLANK										
40ml VOA VIAL	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										
ENCORE										

Comments: They send bottles for NF, but no analyses.
Sample Numbering Completed By: AMR Date/Time: 9/22/16 0115

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

Submission #: 00-20484 | 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 B/W Emissivity 0.97
Temperature: 1.8 °C Container RTR
Thermometer ID: 48

Date/Time 9/21/06
Analyst Init AMR

SAMPLE CONTAINERS	SAMPLE NUMBERS 1	2	3	4	5	6	7	8	9	10
QT GENERAL MINERAL/ GENERAL PHYSICAL										
PT PE UNPRESERVED	C	C	C	C	C	C				
QT INORGANIC CHEMICAL METALS										
PT INORGANIC CHEMICAL METALS										
PT CYANIDE										
PT NITROGEN FORMS	B	B	B	B	B	B				
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	( )	( )	( )	( )	( )	( )	( )	( )	( )	( )
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	D	D	D	D	D	D				
ENCORE										

Comments:_____

Sample Numbering Completed By: AMR Date/Time: 9/22/06 0745

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

BC LABORATORIES, INC.

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

CHAIN OF CUSTODY

#06-09821

Analysis Requested

Circle one: Phillips 66 / Unocal	Consultant Firm: TRC
Address:.3220 Lakeshore Ave.	21 Technology Drive Irvine, CA 92618-2302 Attn: Anju Farfan
City: Oakland	4-digit site#: 5325
	Work Order# 1394TRC502
State: CA Zip:	Project #: 41060001/FA20
COP Manager: Shelby Lathrop	Sampler Name: Rick Rodriguez

Lab#	Sample Description	Field Point Name	Date & Time Sampled	MATRIX (GW) Ground-water (S) Soil (WW) Waste-water (SL) Sludge	BTEX/MTBE BY 8260B	ETHANOL by 8260B	TPH-g by GC/MS	Nitrate	Ortho-Phosphate	Ferrous Iron					Turnaround Time Requested
CHK BY OTO	DISTRIBUTION MA JKR MW SUB-OUT □	U-1 -1	9/21/06 - 0955	GW	x	x	x	x	x	x					STD
		U-2 -2	1025	GW	x	x	x	x	x	x					STD
	SHORT HOLDING TIME	U-3 -3	0940	GW	x	x	x	x	x	x					STD
	Cr^{+6} NO_2 ~~NO_3~~ ~~OP~~ SS	U-4 -4	1010	GW	x	x	x	x	x	x					STD
	DO BOD MBAS C O T	U-5 -5	1050	GW	x	x	x	x	x	x					STD
		U-6 -6	1100	GW	x	x	x	x	x	x					STD

Comments:	Relinquished by: [signature]	Received by: Refrigerated	Date & Time: 9/21/06 - 1130
	Relinquished by (Signature): [signature]	Received by: Ross Duckey	Date & Time: 9/21/06 1448
Global ID: T0600101463	Relinquished by (Signature): Ross Duckey 9/21/06	Received by: [signature]	Date & Time: 9/21/06 1805

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

Rel [signature] 9/21/06 2320 [signature] 9/21/6 2320

STATEMENTS

Purge Water Disposal

Non-hazardous groundwater produced during purging and sampling of monitoring was accumulated at TRC's groundwater monitoring facility at Concord, California, for transportation by Onyx Transportation, Inc., to the ConocoPhillips Refinery at Rodeo, California. Disposal at the Rodeo facility was authorized by ConocoPhillips in accordance with "ESD Standard Operating Procedures – Water Quality and Compliance", as revised on February 7, 2003. Documentation of compliance with ConocoPhillips requirements is provided by an ESD Form R-149, which is on file at TRC's Concord Office. Purge water containing a significant amount of liquid-phase hydrocarbons was accumulated separately in drums for transportation and disposal by Filter Recycling, Inc.

Limitations

The fluid level monitoring and groundwater sampling activities summarized in this report have been performed under the responsible charge of a California Registered Geologist or Registered Civil Engineer and have been conducted in accordance with current practice and the standard of care exercised by geologists and engineers performing similar tasks in this area. No warranty, express or implied, is made regarding the conclusions and professional opinions presented in this report. The conclusions are based solely upon an analysis of the observed conditions. If actual conditions differ from those described in this report, our office should be notified.