ConocoPhillips
76 Broadway
Sacramento, California 95818

October 28, 2005

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

Re: **Report Transmittal**
Quarterly Report
Third Quarter – 2005
76 Service Station #0752
800 Harrison Street
Oakland, CA

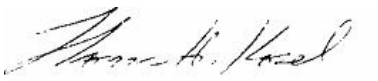
Dear Mr. Hwang:

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

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

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

Sincerely,



Thomas Kosel
Risk Management & Remediation

Attachment

TRC
Customer-Focused Solutions

October 28, 2005 TRC Project No. 42016203

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

RE: Quarterly Status Report - Third Quarter 2005
76 Service Station #0752, 800 Harrison Street, Oakland, California
Alameda County

Dear Mr. Hwang:

On behalf of ConocoPhillips Company (ConocoPhillips), TRC is submitting the Third Quarter 2005 Status Report for the subject site. The subject site is a 76 service station located northeast and across 8th Street from a Shell service station that is located adjacent to and northeast of a currently closed Arco service station. In addition, a gasoline and diesel service station referred to as "Mandarin Auto Service" is located east-southeast of the site.

PREVIOUS ASSESSMENTS

November 1990: Kaprealian Engineering, Inc's. (KEI) initial fieldwork was conducted when two underground gasoline storage tanks (USTs) and a waste oil tank were removed from the site. The tanks were made of steel, and no apparent holes or cracks were observed in the fuel tanks; however, a 1/8 inch square hole was observed in the waste oil tank. KEI collected an additional soil sample from the fuel tank pit at a depth of approximately 19 feet below ground surface (bgs).

December 1990: KEI returned to the site to collect soil samples from beneath the pump islands. KEI returned to the site in order to collect a sample from the pump island excavation.

January 1991: At the request of the Alameda County Health Care Services (ACHCS), KEI returned to the site in order to collect one additional soil sample from the waste oil tank pit. After sampling, the waste oil tank pit was excavated to the sample depth of 9.5 feet bgs.

May 1991: Three monitoring wells and two exploratory borings were installed at the site. The monitoring wells were drilled and completed to total depths ranging from 33 to 35 feet bgs. The exploratory borings were each drilled to total depths of 23 feet bgs. Groundwater was encountered at depths ranging from about 22.5 to 24 feet bgs during drilling. Based on the analytical results, a monthly groundwater monitoring and quarterly groundwater-sampling program was implemented.

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

September-October1992: Three additional monitoring wells were installed to further delineate the extent of groundwater contamination. These wells were drilled to total depths ranging from 32 to 33 feet bgs. Groundwater was encountered at depths ranging from 21.5 to 23 feet bgs.

April 1993: Two additional monitoring wells were installed in the vicinity of the site. These monitoring wells were drilled to a total depth of 31 to 33 feet bgs. Groundwater was encountered at depths of 21 to 21.5 feet bgs. Based on the analytical results of all of the soil samples collected, KEI concluded that the horizontal extent of the soil contamination at the site had been defined, and that the contamination was limited to the areas beneath the fuel tanks and the southernmost pump island. Based on the groundwater monitoring data collected and evaluated through April of 1993, the groundwater flow direction had been consistently to the southwest or south-southwest. In addition, no free product or sheen had been detected in any well through April of 1993. KEI recommended quarterly monitoring frequency.

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

SENSITIVE RECEPTORS

Lake Merritt and the Oakland Estuary are located approximately 0.5 miles from the site.

MONITORING AND SAMPLING

Currently, eight wells are monitored semi-annually. All wells were gauged and sampled this quarter. The groundwater flow is toward the south at a calculated hydraulic gradient of 0.02 feet per foot.

CHARACTERIZATION STATUS

Total purgeable petroleum hydrocarbons (TPPH) were detected in six of the eight wells sampled at a maximum concentration of 12,000 micrograms per liter (µg/l) in MW-3.

Benzene was detected in three of the eight wells sampled at a maximum concentration of 360 µg/l in MW-3.

Methyl tertiary butyl ether (MTBE) was detected in seven of the eight wells sampled at a maximum concentration of 20,000 µg/l in MW-3.

REMEDIATION STATUS

Remediation is not currently being conducted at the site.

RECENT CORRESPONDENCE

October 19, 2005: TRC and ConocoPhillips attended a meeting at the ACHCS to discuss site prioritization. TRC discussed the findings of a recent file review on the former Shell station located immediately south of the site and determined a path forward regarding additional assessment and site characterization.

CURRENT QUARTER ACTIVITIES

September 30, 2005: TRC performed groundwater monitoring and sampling. Wastewater generated from well purging and equipment cleaning was stored at TRC's groundwater monitoring facility in Concord, California, and transported by Onyx to the ConocoPhillips Refinery in Rodeo, California, for treatment and disposal.

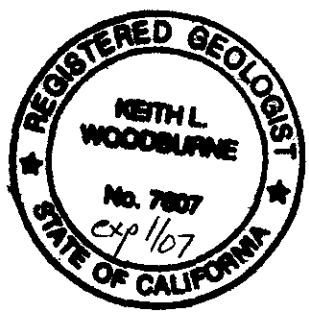
CONCLUSIONS AND RECOMMENDATIONS

TRC recently prepared a work plan for additional offsite assessment. However, based on information obtained regarding the former Shell station to the south during a recent file review, and on recent discussions with the ACHCS on October 19, 2005, TRC will prepare a Site Conceptual Model, per ACHCS guidelines, and revise the current work plan accordingly.

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

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

Sincerely,
TRC



Keith Woodburne, P.G.
Senior Project Geologist

Attachments:
Quarterly Monitoring Report, July through September 2005 (TRC, October 26, 2005)

cc: Ms. Shelby Lathrop, ConocoPhillips (electronic upload only)

TRC

Customer-Focused Solutions

October 26, 2005

ConocoPhillips Company
76 Broadway
Sacramento, California 95818

ATTN: MR. THOMAS H. KOSEL

SITE: 76 STATION 0752
800 HARRISON STREET
OAKLAND, CALIFORNIA

RE: SEMI-ANNUAL MONITORING REPORT
APRIL THROUGH SEPTEMBER 2005

Dear Mr. Kosel:

Please find enclosed our Semi-Annual Monitoring Report for 76 Station 0752, located at 800 Harrison Street, 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
20-0400/0752R06.QMS

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

TRC

Customer-Focused Solutions

SEMI-ANNUAL MONITORING REPORT
APRIL THROUGH SEPTEMBER 2005

76 Station 0752
800 Harrison Street
Oakland, California

Prepared For:

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

By:

Senior Project Geologist, Irvine Operations
October 26, 2005

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

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

Summary of Gauging and Sampling Activities
April 2005 through September 2005
76 Station 0752
800 Harrison Street
Oakland, CA

Project Coordinator: **Shelby Lathrop**
Telephone: **916-558-7609**
Water Sampling Contractor: ***TRC***
Compiled by: **Christina Carrillo**
Date(s) of Gauging/Sampling Event: **09/30/05**

Sample Points

Groundwater wells: **4** onsite, **4** offsite Wells gauged: **8** Wells sampled: **8**
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: **15.48 feet** Maximum: **17.65 feet**
Average groundwater elevation (relative to available local datum): **16.58 feet**
Average change in groundwater elevation since previous event: **-2.04 feet**
Interpreted groundwater gradient and flow direction:
Current event: **0.02 ft/ft, south**
Previous event: **0.006 ft/ft, southwest (03/31/05)**

Selected Laboratory Results

Wells with detected **Benzene:** **3** Wells above MCL (1.0 µg/l): **3**
Maximum reported benzene concentration: **360 µg/l (MW-3)**

Wells with **TPPH 8260B** **6** Maximum: **12,000 µg/l (MW-3)**
Wells with **MTBE** **7** Maximum: **20,000 µg/l (MW-3)**

Notes:

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

TABLES

TABLE KEY

STANDARD ABREVIATIONS

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

ANALYTES

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

NOTES

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

REFERENCE

TRC began groundwater monitoring and sampling for 76 Station 0752 in October 2003. Historical data compiled prior to that time were provided by Gettler-Ryan Inc.

Table 1

CURRENT FLUID LEVELS AND SELECTED ANALYTICAL RESULTS

September 30, 2005

76 Station 0752

Date Sampled	TOC Elevation (feet)	Depth to Water (feet)	LPH Thickness (feet)	Ground-water Elevation (feet)	Change in Elevation (feet)	TPH-G (µg/l)	TPPH 8260B (µg/l)	Benzene (µg/l)	Toluene (µg/l)	Ethyl-benzene (µg/l)	Total Xylenes (µg/l)	MTBE 8021B (µg/l)	MTBE 8260B (µg/l)	Comments
MW-1		**(Screen Interval in feet: 13.5-33.5)**												
09/30/05	34.69	17.65	0.00	17.04	-1.94	--	190	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	160	
MW-2		**(Screen Interval in feet: 15-33)**												
09/30/05	34.72	17.31	0.00	17.41	-1.75	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	9.1	
MW-3		**(Screen Interval in feet: 15-33)**												
09/30/05	33.14	16.55	0.00	16.59	-2.02	--	12000	360	40	ND<25	50	--	20000	
MW-4		**(Screen Interval in feet: 15-33)**												
09/30/05	32.71	16.91	0.00	15.80	-2.76	--	900	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	3800	
MW-5		**(Screen Interval in feet: 15-32)**												
09/30/05	32.95	16.19	0.00	16.76	-1.89	--	1200	26	5.8	2.4	9.2	--	38	
MW-6		**(Screen Interval in feet: 15-32)**												
09/30/05	32.16	15.48	0.00	16.68	-1.78	--	4300	140	37	28	41	--	5800	
MW-7		**(Screen Interval in feet: 13-33)**												
09/30/05	32.20	15.93	0.00	16.27	-1.94	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<0.50	
MW-8		**(Screen Interval in feet: 11-29)**												
09/30/05	32.00	15.94	0.00	16.06	-2.21	--	1200	ND<0.50	0.50	ND<0.50	ND<1.0	--	6900	

Table 2

HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS

June 1991 Through September 2005

76 Station 0752

Date Sampled	TOC Elevation (feet)	Depth to Water (feet)	LPH Thickness (feet)	Ground-water Elevation (feet)	Change in Elevation (feet)	TPH-G (µg/l)	TPPH 8260B (µg/l)	Benzene (µg/l)	Toluene (µg/l)	Ethyl-benzene (µg/l)	Total Xylenes (µg/l)	MTBE 8021B (µg/l)	MTBE 8260B (µg/l)	Comments
MW-1	**(Screen Interval in feet: 13.5-33.5)**													
06/05/91	34.94	--	--	--	--	ND	--	ND	ND	ND	ND	--	--	
09/30/91	34.94	--	--	--	--	ND	--	ND	ND	ND	ND	--	--	
12/30/91	34.94	--	--	--	--	ND	--	ND	ND	ND	ND	--	--	
04/02/92	34.94	--	--	--	--	ND	--	ND	ND	ND	ND	--	--	
06/30/92	34.94	--	--	--	--	ND	--	ND	ND	ND	ND	--	--	
09/15/92	34.94	--	--	--	--	76	--	1.0	ND	ND	ND	--	--	
12/21/92	34.94	21.17	0.00	13.77	--	95	--	0.69	ND	ND	1.0	--	--	
04/28/93	34.94	--	--	--	--	920	--	3.1	2.3	1.2	9.7	--	--	
07/23/93	34.94	20.13	0.00	14.81	--	ND	--	0.5	0.66	ND	ND	--	--	
10/05/93	34.69	20.30	0.00	14.39	-0.42	92	--	1.5	ND	ND	0.72	--	--	
01/03/94	34.69	20.52	0.00	14.17	-0.22	ND	--	ND	ND	ND	ND	--	--	
04/02/94	34.69	20.16	0.00	14.53	0.36	ND	--	ND	ND	ND	ND	--	--	
07/05/94	34.69	19.27	0.00	15.42	0.89	250	--	4.8	13	1.2	7.3	--	--	
10/06/94	34.69	20.87	0.00	13.82	-1.60	540	--	1.4	ND	0.66	11	--	--	
01/02/95	34.69	19.67	0.00	15.02	1.20	140	--	ND	ND	ND	ND	--	--	
04/03/95	34.69	17.61	0.00	17.08	2.06	580	--	3.6	0.8	ND	4.0	--	--	
07/14/95	34.69	18.58	0.00	16.11	-0.97	260	--	2.1	ND	ND	1.2	--	--	
10/10/95	34.69	19.60	0.00	15.09	-1.02	220	--	2.0	ND	25	5.6	29	--	
01/03/96	34.69	19.69	0.00	15.00	-0.09	190	--	2.4	ND	0.71	1.2	--	--	
04/10/96	34.69	17.65	0.00	17.04	2.04	540	--	8.9	1.7	1.5	7.4	50	--	
07/09/96	34.69	18.52	0.00	16.17	-0.87	490	--	3.0	1.4	1.3	2.5	150	--	
01/24/97	34.69	17.72	0.00	16.97	0.80	760	--	27	0.89	5.2	10	510	--	
07/23/97	34.69	19.42	0.00	15.27	-1.70	ND	--	ND	ND	ND	ND	550	--	
01/26/98	34.69	17.46	0.00	17.23	1.96	1800	--	ND	ND	ND	ND	4800	--	

Table 2

HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS

June 1991 Through September 2005

76 Station 0752

Date Sampled	TOC Elevation (feet)	Depth to Water (feet)	LPH Thickness (feet)	Ground-water Elevation (feet)	Change in Elevation (feet)	TPH-G (µg/l)	TPPH 8260B (µg/l)	Benzene (µg/l)	Toluene (µg/l)	Ethyl-benzene (µg/l)	Total Xylenes (µg/l)	MTBE 8021B (µg/l)	MTBE 8260B (µg/l)	Comments
MW-1 continued														
07/03/98	34.69	18.61	0.00	16.08	-1.15	ND	--	ND	ND	ND	ND	1800	--	
01/14/99	34.69	18.92	0.00	15.77	-0.31	83	--	ND	ND	ND	ND	230	--	
07/15/99	34.69	17.84	0.00	16.85	1.08	110	--	ND	ND	ND	1.0	290	--	
01/07/00	34.69	19.13	0.00	15.56	-1.29	ND	--	ND	ND	ND	ND	260	--	
07/19/00	34.69	20.27	0.00	14.42	-1.14	ND	--	ND	ND	ND	ND	648	--	
01/02/01	34.69	20.04	0.00	14.65	0.23	ND	--	ND	ND	ND	ND	119	--	
05/23/01	34.69	18.27	0.00	16.42	1.77	84	--	ND	ND	ND	ND	760	--	
07/30/01	34.69	18.56	0.00	16.13	-0.29	ND<50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	350	--	
10/15/01	34.69	18.72	0.00	15.97	-0.16	96	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	160	--	
01/14/02	34.69	16.78	0.00	17.91	1.94	450	--	ND<2.5	ND<2.5	ND<2.5	3.3	4100	--	
04/15/02	34.69	17.35	0.00	17.34	-0.57	ND<1000	--	ND<10	ND<10	ND<10	ND<10	10000	--	
07/15/02	34.69	17.63	0.00	17.06	-0.28	2100	--	ND<10	ND<10	ND<10	ND<20	--	2100	
01/18/03	34.69	17.04	0.00	17.65	0.59	ND<25000	--	ND<250	ND<250	ND<250	ND<500	--	29000	
07/11/03	34.69	17.91	0.00	16.78	-0.87	4000	--	ND<25	ND<25	ND<25	ND<50	--	6300	
02/04/04	34.69	17.98	0.00	16.71	-0.07	--	8000	ND<50	ND<50	ND<50	ND<100	--	8500	
08/11/04	34.69	17.84	0.00	16.85	0.14	--	1100	ND<10	ND<10	ND<10	ND<20	--	1500	
03/31/05	34.69	15.71	0.00	18.98	2.13	--	ND<2000	ND<0.50	ND<0.50	0.54	2.2	--	4900	
09/30/05	34.69	17.65	0.00	17.04	-1.94	--	190	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	160	
MW-2	**(Screen Interval in feet: 15-33)**													
06/05/91	34.97	--	--	--	--	49	--	ND	ND	ND	ND	--	--	
09/30/91	34.97	--	--	--	--	130	--	18	0.53	14	9.6	--	--	
12/30/91	34.97	--	--	--	--	91	--	16	0.89	11	1.9	--	--	
04/02/92	34.97	--	--	--	--	88	--	12	0.32	6.3	7.2	--	--	
06/30/92	34.97	--	--	--	--	76	--	9.3	0.76	4.8	6.9	--	--	

Table 2

HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS

June 1991 Through September 2005

76 Station 0752

Date Sampled	TOC Elevation (feet)	Depth to Water (feet)	LPH Thickness (feet)	Ground-water Elevation (feet)	Change in Elevation (feet)	TPH-G (µg/l)	TPPH 8260B (µg/l)	Benzene (µg/l)	Toluene (µg/l)	Ethyl-benzene (µg/l)	Total Xylenes (µg/l)	MTBE 8021B (µg/l)	MTBE 8260B (µg/l)	Comments
MW-2 continued														
09/15/92	34.97	--	--	--	--	1300	--	91	5.7	80	110	--	--	
12/21/92	34.97	20.85	0.00	14.12	--	960	--	97	3.2	74	96	--	--	
04/28/93	34.97	--	--	--	--	1300	--	76	1.9	130	87	--	--	
07/23/93	34.97	19.81	0.00	15.16	--	66	--	1.8	ND	2.5	2.0	--	--	
10/05/93	34.72	19.95	0.00	14.77	-0.39	120	--	12	ND	2.1	12	--	--	
01/03/94	34.72	20.21	0.00	14.51	-0.26	260	--	25	ND	5.5	26	--	--	
04/02/94	34.72	19.88	0.00	14.84	0.33	ND	--	0.65	ND	ND	0.99	--	--	
07/05/94	34.72	19.07	0.00	15.65	0.81	160	--	16	ND	0.73	10	--	--	
10/06/94	34.72	20.55	0.00	14.17	-1.48	170	--	15	ND	1.4	11	--	--	
01/02/95	34.72	19.25	0.00	15.47	1.30	190	--	27	ND	0.95	11	--	--	
04/03/95	34.72	17.49	0.00	17.23	1.76	2400	--	65	6.6	19	63	--	--	
07/14/95	34.72	18.30	0.00	16.42	-0.81	750	--	270	ND	ND	13	--	--	
10/10/95	34.72	19.25	0.00	15.47	-0.95	50	--	1.6	ND	ND	ND	200	--	
01/03/96	34.72	19.40	0.00	15.32	-0.15	ND	--	ND	ND	ND	ND	--	--	
04/10/96	34.72	17.35	0.00	17.37	2.05	300	--	42	ND	2.4	9	620	--	
07/09/96	34.72	18.22	0.00	16.50	-0.87	760	--	230	ND	1.3	2.4	1500	--	
01/24/97	34.72	17.59	0.00	17.13	0.63	2900	--	400	350	190	720	1300	--	
07/23/97	34.72	19.13	0.00	15.59	-1.54	ND	--	ND	ND	ND	ND	65	--	
01/26/98	34.72	17.12	0.00	17.60	2.01	ND	--	ND	ND	ND	0.58	13	--	
07/03/98	34.72	18.20	0.00	16.52	-1.08	140	--	26	ND	0.95	5.0	330	--	
01/14/99	34.72	18.56	0.00	16.16	-0.36	ND	--	0.54	ND	ND	ND	350	--	
07/15/99	34.72	17.39	0.00	17.33	1.17	ND	--	0.88	ND	ND	ND	39	--	
01/07/00	34.72	18.78	0.00	15.94	-1.39	ND	--	ND	ND	ND	ND	24	--	
07/19/00	34.72	19.68	0.00	15.04	-0.90	ND	--	1.45	ND	ND	ND	117	--	

Table 2

HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS

June 1991 Through September 2005

76 Station 0752

Date Sampled	TOC Elevation (feet)	Depth to Water (feet)	LPH Thickness (feet)	Ground-water Elevation (feet)	Change in Elevation (feet)	TPH-G (µg/l)	TPPH 8260B (µg/l)	Benzene (µg/l)	Toluene (µg/l)	Ethyl-benzene (µg/l)	Total Xylenes (µg/l)	MTBE 8021B (µg/l)	MTBE 8260B (µg/l)	Comments
MW-2 continued														
01/02/01	34.72	19.73	0.00	14.99	-0.05	ND	--	ND	ND	ND	ND	11.4	--	
05/23/01	34.72	18.16	0.00	16.56	1.57	ND	--	ND	ND	ND	ND	33	--	
07/30/01	34.72	18.34	0.00	16.38	-0.18	ND<50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	67	--	
10/15/01	34.72	18.52	0.00	16.20	-0.18	ND<50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	31	--	
01/14/02	34.72	16.72	0.00	18.00	1.80	ND<50	--	ND<0.50	ND<0.50	ND<0.50	0.56	11	--	
04/15/02	34.72	17.26	0.00	17.46	-0.54	ND<50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	110	--	
07/15/02	34.72	17.46	0.00	17.26	-0.20	270	--	21	ND<0.50	3.8	4.0	--	73	
01/18/03	34.72	16.93	0.00	17.79	0.53	ND<50	--	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	22	
07/11/03	34.72	17.68	0.00	17.04	-0.75	130	--	3.0	ND<0.50	ND<0.50	ND<1.0	--	89	
02/04/04	34.72	17.36	0.00	17.36	0.32	--	61	2.9	ND<0.50	ND<0.50	ND<1.0	--	22	
08/11/04	34.72	17.61	0.00	17.11	-0.25	--	140	ND<0.50	0.60	ND<0.50	ND<1.0	--	94	
03/31/05	34.72	15.56	0.00	19.16	2.05	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	14	
09/30/05	34.72	17.31	0.00	17.41	-1.75	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	9.1	
MW-3	**(Screen Interval in feet: 15-33)**													
06/05/91	33.39	--	--	--	--	5800	--	1200	40	140	97	--	--	
09/30/91	33.39	--	--	--	--	6800	--	1400	130	290	240	--	--	
12/30/91	33.39	--	--	--	--	7200	--	2100	690	410	550	--	--	
04/02/92	33.39	--	--	--	--	8000	--	1400	200	300	310	--	--	
06/30/92	33.39	--	--	--	--	8900	--	1900	210	430	550	--	--	
09/15/92	33.39	--	--	--	--	10000	--	1900	330	400	580	--	--	
12/21/92	33.39	20.02	0.00	13.37	--	8500	--	1500	150	310	330	--	--	
04/28/93	33.39	--	--	--	--	2600	--	220	7.6	41	27	--	--	
07/23/93	33.39	19.00	0.00	14.39	--	4400	--	660	26	160	82	--	--	
10/05/93	33.14	19.20	0.00	13.94	-0.45	9200	--	720	88	140	140	--	--	

Table 2

HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS

June 1991 Through September 2005

76 Station 0752

Date Sampled	TOC Elevation (feet)	Depth to Water (feet)	LPH Thickness (feet)	Ground-water Elevation (feet)	Change in Elevation (feet)	TPH-G (µg/l)	TPPH 8260B (µg/l)	Benzene (µg/l)	Toluene (µg/l)	Ethyl-benzene (µg/l)	Total Xylenes (µg/l)	MTBE 8021B (µg/l)	MTBE 8260B (µg/l)	Comments
MW-3 continued														
01/03/94	33.14	19.40	0.00	13.74	-0.20	4900	--	830	100	170	150	--	--	
04/02/94	33.14	19.01	0.00	14.13	0.39	6000	--	800	30	140	110	--	--	
07/05/94	33.14	18.14	0.00	15.00	0.87	25000	--	ND	ND	ND	ND	--	--	
10/06/94	33.14	19.73	0.00	13.41	-1.59	49000	--	1300	200	280	300	--	--	
01/02/95	33.14	18.36	0.00	14.78	1.37	480	--	1.6	ND	1.4	ND	--	--	
04/03/95	33.14	16.38	0.00	16.76	1.98	8100	--	65	ND	ND	ND	--	--	
07/14/95	33.14	17.49	0.00	15.65	-1.11	ND	--	1300	ND	ND	ND	--	--	
10/10/95	33.14	18.50	0.00	14.64	-1.01	3100	--	1400	36	50	53	190000	--	
01/03/96	33.14	18.54	0.00	14.60	-0.04	ND	--	2300	110	150	140	--	--	
07/09/96	33.14	17.43	0.00	15.71	1.11	ND	--	2000	ND	150	160	140000	--	
01/24/97	33.14	16.57	0.00	16.57	0.86	540	--	8.0	ND	11	9.9	45	--	
07/23/97	33.14	18.38	0.00	14.76	-1.81	7400	--	1900	180	140	340	45000	--	
01/26/98	33.14	16.22	0.00	16.92	2.16	250	--	2.2	1.9	0.87	1.9	4.0	--	
07/03/98	33.14	17.46	--	15.68	-1.24	230	--	1.8	2.5	1.5	3.4	6.3	--	
01/14/99	33.14	17.73	--	15.41	-0.27	400	--	8.2	2.7	0.90	5.9	140	--	
07/15/99	33.14	16.58	--	16.56	1.15	290	--	3.3	3.6	1.7	2.5	13	--	
01/07/00	33.14	17.84	--	15.30	-1.26	ND	--	890	91	100	480	20000	--	
07/19/00	33.14	18.92	--	14.22	-1.08	354	--	3.87	2.61	0.646	ND	13.7	--	
01/02/01	33.14	19.07	--	14.07	-0.15	464	--	ND	3.69	3.91	ND	21.1	--	
05/23/01	33.14	17.12	--	16.02	1.95	420	--	7.6	3.1	3.0	5.1	1900	--	
07/30/01	33.14	17.38	--	15.76	-0.26	290	--	4.6	4.1	ND<0.50	3.4	23	--	
10/15/01	33.14	17.61	--	15.53	-0.23	400	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	13	--	
01/14/02	33.14	15.53	--	17.61	2.08	130	--	0.50	0.61	1.1	ND<0.50	9.9	--	
04/15/02	33.14	16.12	--	17.02	-0.59	280	--	9.9	1.6	3.3	6.8	1400	--	

Table 2
HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS
June 1991 Through September 2005
76 Station 0752

Date Sampled	TOC Elevation (feet)	Depth to Water (feet)	LPH Thickness (feet)	Ground-water Elevation (feet)	Change in Elevation (feet)	TPH-G (µg/l)	TPPH 8260B (µg/l)	Benzene (µg/l)	Toluene (µg/l)	Ethyl-benzene (µg/l)	Total Xylenes (µg/l)	MTBE 8021B (µg/l)	MTBE 8260B (µg/l)	Comments
MW-3 continued														
07/15/02	33.14	16.48	--	16.66	-0.36	64	--	ND<0.50	ND<0.50	ND<0.50	ND<1.0	33	--	
01/18/03	33.14	15.81	--	17.33	0.67	420	--	0.54	ND<0.50	ND<0.50	ND<1.0	130	--	
07/11/03	33.14	16.74	--	16.40	-0.93	--	300	2.3	ND<0.50	ND<0.50	ND<1.0	--	31	
02/04/04	33.14	16.15	0.00	16.99	0.59	--	130	7.9	ND<0.50	ND<0.50	ND<1.0	--	63	
08/11/04	33.14	16.64	0.00	16.50	-0.49	--	ND<20000	ND<200	ND<200	ND<200	ND<400	--	20000	
03/31/05	33.14	14.53	0.00	18.61	2.11	--	ND<20000	330	ND<200	ND<200	ND<400	--	78000	
09/30/05	33.14	16.55	0.00	16.59	-2.02	--	12000	360	40	ND<25	50	--	20000	
MW-4	**(Screen Interval in feet: 15-33)**													
10/19/92	--	--	--	--	--	480	--	0.51	2.1	2.8	6.8	--	--	
12/21/92	33.12	19.73	--	13.39	--	220	--	ND	ND	0.97	0.74	--	--	
04/28/93	33.12	--	--	--	--	ND	--	ND	ND	ND	ND	--	--	
07/23/93	33.12	18.72	--	14.40	--	85	--	ND	ND	ND	ND	--	--	
10/05/93	32.71	18.74	--	13.97	-0.43	130	--	ND	ND	ND	ND	--	--	
01/03/94	32.71	18.93	--	13.78	-0.19	210	--	ND	ND	0.76	1.6	--	--	
04/02/94	32.71	18.53	--	14.18	0.40	89	--	ND	ND	ND	ND	--	--	
07/05/94	32.71	17.67	--	15.04	0.86	190	--	ND	ND	ND	ND	--	--	
10/06/94	32.71	19.25	--	13.46	-1.58	170	--	0.85	ND	ND	0.74	--	--	
01/02/95	32.71	17.75	--	14.96	1.50	ND	--	ND	ND	ND	ND	--	--	
04/03/95	32.71	15.87	--	16.84	1.88	98	--	ND	ND	ND	ND	--	--	
07/14/95	32.71	17.01	--	15.70	-1.14	ND	--	ND	ND	ND	ND	--	--	
10/10/95	32.71	18.03	--	14.68	-1.02	ND	--	ND	ND	ND	ND	120	--	
01/03/96	32.71	18.05	--	14.66	-0.02	ND	--	ND	ND	ND	ND	--	--	
04/10/96	32.71	16.00	--	16.71	2.05	ND	--	ND	ND	ND	ND	240	--	
07/09/96	32.71	16.96	--	15.75	-0.96	ND	--	ND	ND	ND	ND	480	--	

Table 2

HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS

June 1991 Through September 2005

76 Station 0752

Date Sampled	TOC Elevation (feet)	Depth to Water (feet)	LPH Thickness (feet)	Ground-water Elevation (feet)	Change in Elevation (feet)	TPH-G (µg/l)	TPPH 8260B (µg/l)	Benzene (µg/l)	Toluene (µg/l)	Ethyl-benzene (µg/l)	Total Xylenes (µg/l)	MTBE 8021B (µg/l)	MTBE 8260B (µg/l)	Comments
MW-4 continued														
01/24/97	32.71	16.04	0.00	16.67	0.92	ND	--	ND	ND	ND	ND	270	--	
07/23/97	32.71	17.87	0.00	14.84	-1.83	ND	--	ND	ND	ND	ND	460	--	
01/26/98	32.71	16.05	--	16.66	1.82	ND	--	ND	ND	ND	ND	17	--	
07/03/98	32.71	16.95	--	15.76	-0.90	ND	--	ND	ND	ND	ND	3.8	--	
01/14/99	32.71	17.34	--	15.37	-0.39	ND	--	ND	ND	ND	ND	4600	--	
07/15/99	32.71	16.36	--	16.35	0.98	ND	--	ND	ND	ND	ND	ND	--	
01/07/00	32.71	17.81	--	14.90	-1.45	ND	--	ND	ND	ND	ND	450	--	
07/19/00	32.71	18.94	--	13.77	-1.13	ND	--	ND	ND	ND	ND	ND	--	
01/02/01	32.71	18.85	--	13.86	0.09	ND	--	ND	ND	ND	ND	ND	--	
05/23/01	32.71	16.82	--	15.89	2.03	ND	--	ND	ND	ND	ND	ND	--	
07/30/01	32.71	16.88	--	15.83	-0.06	ND<50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	4.9	--	
10/15/01	32.71	17.08	--	15.63	-0.20	ND<50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<5.0	--	
01/14/02	32.71	14.97	--	17.74	2.11	ND<50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	30	--	
04/15/02	32.71	15.48	--	17.23	-0.51	ND<50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	180	--	
07/15/02	32.71	15.90	--	16.81	-0.42	ND<50	--	ND<0.50	ND<0.50	ND<0.50	ND<1.0	50	--	
01/18/03	32.71	15.39	--	17.32	0.51	ND<50	--	ND<0.50	ND<0.50	ND<0.50	ND<1.0	ND<2.0	--	
07/11/03	32.71	16.17	--	16.54	-0.78	--	200	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	52	
02/04/04	32.71	16.12	0.00	16.59	0.05	--	1300	ND<10	ND<10	ND<10	ND<20	--	1700	
08/11/04	32.71	16.16	0.00	16.55	-0.04	--	ND<5000	ND<50	ND<50	ND<50	ND<100	--	6400	
03/31/05	32.71	14.15	0.00	18.56	2.01	--	ND<1300	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	1600	
09/30/05	32.71	16.91	0.00	15.80	-2.76	--	900	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	3800	
MW-5	**(Screen Interval in feet: 15-32)**													
10/19/92	--	--	--	--	--	2700	--	61	5.0	100	61	--	--	
12/21/92	33.25	19.75	--	13.50	--	1700	--	51	4.7	83	34	--	--	

Table 2

HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS

June 1991 Through September 2005

76 Station 0752

Date Sampled	TOC Elevation (feet)	Depth to Water (feet)	LPH Thickness (feet)	Ground-water Elevation (feet)	Change in Elevation (feet)	TPH-G (µg/l)	TPPH 8260B (µg/l)	Benzene (µg/l)	Toluene (µg/l)	Ethyl-benzene (µg/l)	Total Xylenes (µg/l)	MTBE 8021B (µg/l)	MTBE 8260B (µg/l)	Comments
MW-5 continued														
04/28/93	33.25	--	--	--	--	6700	--	200	190	250	430	--	--	
07/23/93	33.25	18.74	--	14.51	--	2000	--	122	8.0	68	47	--	--	
10/05/93	32.95	18.83	--	14.12	-0.39	1700	--	70	6.2	54	40	--	--	
01/03/94	32.95	19.05	--	13.90	-0.22	1500	--	44	ND	42	46	--	--	
04/02/94	32.95	18.68	--	14.27	0.37	1800	--	46	5.1	38	35	--	--	
07/05/94	32.95	17.90	--	15.05	0.78	2200	--	97	8.4	37	36	--	--	
10/06/94	32.95	19.37	--	13.58	-1.47	1600	--	79	5.7	28	22	--	--	
01/02/95	32.95	17.92	--	15.03	1.45	1700	--	50	8.6	30	28	--	--	
04/03/95	32.95	16.15	--	16.80	1.77	5400	--	190	240	170	420	--	--	
07/14/95	32.95	17.18	--	15.77	-1.03	3800	--	210	100	130	190	--	--	
10/10/95	32.95	18.15	--	14.80	-0.97	1300	--	92	14	15	39	1100	--	
01/03/96	32.95	18.20	--	14.75	-0.05	630	--	53	4.4	8.3	13	--	--	
04/10/96	32.95	16.05	--	16.90	2.15	500	--	25	18	7.0	20	640	--	
07/09/96	32.95	17.11	--	15.84	-1.06	1000	--	44	20	10	34	150	--	
01/24/97	32.95	16.36	0.00	16.59	0.75	4000	--	190	400	160	430	600	--	
07/23/97	32.95	18.08	0.00	14.87	-1.72	1700	--	200	23	18	45	2500	--	
01/26/98	32.95	16.27	--	16.68	1.81	ND	--	ND	ND	ND	ND	ND	--	
07/03/98	32.95	17.27	--	15.68	-1.00	ND	--	ND	ND	ND	ND	ND	--	
01/14/99	32.95	17.55	--	15.40	-0.28	330	--	61	4.1	2.2	2.9	560	--	
07/15/99	32.95	16.41	--	16.54	1.14	1100	--	170	ND	ND	27	660	--	
01/07/00	32.95	17.85	--	15.10	-1.44	1000	--	180	6.3	ND	14	430	--	
07/19/00	32.95	18.87	--	14.08	-1.02	2980	--	289	57.3	65.3	43.4	976	--	
01/02/01	32.95	18.47	--	14.48	0.40	1150	--	87.2	17.8	7.97	9.32	368	--	
05/23/01	32.95	17.38	--	15.57	1.09	840	--	42	10	13	7.1	130	--	

Table 2

HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS

June 1991 Through September 2005

76 Station 0752

Date Sampled	TOC Elevation (feet)	Depth to Water (feet)	LPH Thickness (feet)	Ground-water Elevation (feet)	Change in Elevation (feet)	TPH-G (µg/l)	TPPH 8260B (µg/l)	Benzene (µg/l)	Toluene (µg/l)	Ethyl-benzene (µg/l)	Total Xylenes (µg/l)	MTBE 8021B (µg/l)	MTBE 8260B (µg/l)	Comments
MW-5 continued														
07/30/01	32.95	17.12	--	15.83	0.26	1900	--	82	24	6.9	13	370	--	
10/15/01	32.95	17.33	--	15.62	-0.21	26000	--	390	230	58	1300	ND<500	--	
01/14/02	32.95	15.33	--	17.62	2.00	ND<50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<2.5	--	
04/15/02	32.95	15.89	--	17.06	-0.56	310	--	20	6.7	11	7.7	77	--	
07/15/02	32.95	16.21	--	16.74	-0.32	1500	--	40	22	60	28	170	--	
01/18/03	32.95	15.68	--	17.27	0.53	ND<50	--	0.75	ND<0.50	ND<0.50	ND<1.0	81	--	
07/11/03	32.95	16.29	--	16.66	-0.61	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	3.6	
02/04/04	32.95	16.08	0.00	16.87	0.21	--	82	16	1.6	0.65	ND<1.0	--	16	
08/11/04	32.95	16.38	0.00	16.57	-0.30	--	900	81	14	2.8	11	--	120	
03/31/05	32.95	14.30	0.00	18.65	2.08	--	5000	160	84	65	72	--	140	
09/30/05	32.95	16.19	0.00	16.76	-1.89	--	1200	26	5.8	2.4	9.2	--	38	
MW-6	**(Screen Interval in feet: 15-32)**													
10/19/92	--	--	--	--	--	3900	--	420	12	60	28	--	--	
12/21/92	32.42	19.17	--	13.25	--	2300	--	370	11	39	15	--	--	
04/28/93	32.42	--	--	--	--	1200	--	54	1.5	11	5.3	--	--	
07/23/93	32.42	18.17	--	14.25	--	580	--	19	0.99	3.4	2.7	--	--	
10/05/93	32.16	18.35	--	13.81	-0.44	1400	--	34	ND	5.3	7.3	--	--	
01/03/94	32.16	18.54	--	13.62	-0.19	1400	--	57	ND	8.5	11	--	--	
04/02/94	32.16	18.15	--	14.01	0.39	5300	--	ND	ND	ND	ND	--	--	
07/05/94	32.16	17.25	--	14.91	0.90	ND	--	ND	ND	ND	ND	--	--	
10/06/94	32.16	18.85	--	13.31	-1.60	11000	--	ND	ND	ND	ND	--	--	
01/02/95	32.16	17.51	--	14.65	1.34	550	--	18	0.92	2.0	1.8	--	--	
04/03/95	32.16	15.48	--	16.68	2.03	6600	--	ND	ND	ND	ND	--	--	
07/14/95	32.16	16.63	--	15.53	-1.15	ND	--	ND	ND	ND	ND	--	--	

Table 2

HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS

June 1991 Through September 2005

76 Station 0752

Date Sampled	TOC Elevation (feet)	Depth to Water (feet)	LPH Thickness (feet)	Ground-water Elevation (feet)	Change in Elevation (feet)	TPH-G (µg/l)	TPPH 8260B (µg/l)	Benzene (µg/l)	Toluene (µg/l)	Ethyl-benzene (µg/l)	Total Xylenes (µg/l)	MTBE 8021B (µg/l)	MTBE 8260B (µg/l)	Comments
MW-6 continued														
10/10/95	32.16	17.68	--	14.48	-1.05	ND	--	81	ND	ND	ND	75000	--	
01/03/96	32.16	17.66	--	14.50	0.02	70	--	9.9	0.58	ND	0.81	--	--	
04/10/96	32.16	15.56	--	16.60	2.10	300	--	258	4.7	0.94	2.7	53000	--	
07/09/96	32.16	16.59	--	15.57	-1.03	1800	--	410	ND	12	ND	76000	--	
01/24/97	32.16	15.69	0.00	16.47	0.90	ND	--	0.80	ND	ND	ND	390	--	
07/23/97	32.16	17.53	0.00	14.63	-1.84	5700	--	1100	240	240	700	16000	--	
01/26/98	32.16	15.44	--	16.72	2.09	ND	--	ND	ND	ND	ND	ND	--	
07/03/98	32.16	16.58	--	15.58	-1.14	ND	--	ND	ND	ND	ND	ND	--	
01/14/99	32.16	17.02	--	15.14	-0.44	ND	--	ND	ND	ND	ND	14	--	
07/15/99	32.16	15.95	--	16.21	1.07	ND	--	ND	ND	ND	ND	2.8	--	
01/07/00	32.16	16.96	--	15.20	-1.01	78	--	24	ND	0.66	17	280	--	
07/19/00	32.16	18.04	--	14.12	-1.08	ND	--	ND	1.32	ND	0.974	ND	--	
01/02/01	32.16	18.10	--	14.06	-0.06	ND	--	ND	ND	ND	ND	ND	--	
05/23/01	32.16	16.42	--	15.74	1.68	ND	--	ND	ND	ND	ND	ND	--	
07/30/01	32.16	16.49	--	15.67	-0.07	ND<50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<2.5	--	
10/15/01	32.16	16.67	--	15.49	-0.18	ND<50	--	ND<0.50	0.62	ND<0.50	ND<0.50	ND<5.0	--	
01/14/02	32.16	14.60	--	17.56	2.07	ND<50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<2.5	--	
04/15/02	32.16	15.07	--	17.09	-0.47	ND<50	--	ND<0.50	ND<0.50	ND<0.50	0.73	ND<5.0	--	
07/15/02	32.16	15.56	--	16.60	-0.49	ND<50	--	ND<0.50	ND<0.50	ND<0.50	ND<1.0	ND<0.50	--	
01/18/03	32.16	15.80	--	16.36	-0.24	ND<50	--	ND<0.50	ND<0.50	ND<0.50	ND<1.0	ND<2.0	--	
07/11/03	32.16	15.74	--	16.42	0.06	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<2.0	
02/04/04	32.16	15.49	0.00	16.67	0.25	--	ND<50	2.6	ND<0.50	ND<0.50	ND<1.0	--	2.4	
08/11/04	32.16	15.81	0.00	16.35	-0.32	--	7900	95	ND<50	ND<50	ND<100	--	9100	
03/31/05	32.16	13.70	0.00	18.46	2.11	--	ND<5000	2.5	ND<0.50	ND<0.50	ND<1.0	--	7600	

Table 2
HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS
June 1991 Through September 2005
76 Station 0752

Date Sampled	TOC Elevation (feet)	Depth to Water (feet)	LPH Thickness (feet)	Ground-water Elevation (feet)	Change in Elevation (feet)	TPH-G (µg/l)	TPPH 8260B (µg/l)	Benzene (µg/l)	Toluene (µg/l)	Ethyl-benzene (µg/l)	Total Xylenes (µg/l)	MTBE 8021B (µg/l)	MTBE 8260B (µg/l)	Comments
MW-6 continued														
09/30/05	32.16	15.48	0.00	16.68	-1.78	--	4300	140	37	28	41	--	5800	
MW-7	**(Screen Interval in feet: 13-33)**													
10/19/92	--	--	--	--	--	--	--	--	--	--	--	--	--	
04/28/93	32.49	--	--	--	--	110	--	2.8	1.3	1.4	1.7	--	--	
07/23/93	32.49	18.60	--	13.89	--	790	--	23	3.3	28	5.4	--	--	
10/05/93	32.20	18.76	--	13.44	-0.45	360	--	10	1.2	0.91	0.99	--	--	
01/03/94	32.20	18.91	--	13.29	-0.15	ND	--	0.93	ND	0.75	1.9	--	--	
04/02/94	32.20	18.50	--	13.70	0.41	360	--	2.0	ND	ND	0.8	--	--	
07/05/94	32.20	17.52	--	14.68	0.98	ND	--	ND	ND	ND	ND	--	--	
10/06/94	32.20	19.25	--	12.95	-1.73	340	--	5.6	0.85	ND	1.2	--	--	
01/02/95	32.20	17.67	--	14.53	1.58	ND	--	ND	ND	ND	ND	--	--	
04/03/95	32.20	15.81	--	16.39	1.86	570	--	24	ND	3.4	5.8	--	--	
07/14/95	32.20	17.05	--	15.15	-1.24	ND	--	14	ND	ND	ND	--	--	
10/10/95	32.20	18.08	--	14.12	-1.03	740	--	170	ND	ND	ND	13000	--	
01/03/96	32.20	18.02	--	14.18	0.06	360	--	16	1.3	2.7	1.4	--	--	
04/10/96	32.20	15.81	--	16.39	2.21	120	--	4.1	1.5	ND	0.88	3200	--	
07/09/96	32.20	16.99	--	15.21	-1.18	ND	--	ND	ND	ND	ND	3400	--	
01/24/97	32.20	16.08	0.00	16.12	0.91	ND	--	16	ND	ND	ND	6600	--	
07/23/97	32.20	17.99	0.00	14.21	-1.91	ND	--	16	ND	ND	0.62	10000	--	
01/26/98	32.20	15.56	--	16.64	2.43	ND	--	ND	ND	ND	0.56	ND	--	
07/03/98	32.20	17.04	--	15.16	-1.48	ND	--	ND	ND	ND	ND	ND	--	
01/14/99	32.20	--	--	--	--	--	--	--	--	--	--	--	--	inaccessible-parked car
07/15/99	32.20	15.72	--	16.48	--	ND	--	ND	ND	ND	ND	290	--	
01/07/00	32.20	16.80	--	15.40	-1.08	ND	--	7.7	ND	ND	4.4	98	--	

Table 2

HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS

June 1991 Through September 2005

76 Station 0752

Date Sampled	TOC Elevation (feet)	Depth to Water (feet)	LPH Thickness (feet)	Ground-water Elevation (feet)	Change in Elevation (feet)	TPH-G (µg/l)	TPPH 8260B (µg/l)	Benzene (µg/l)	Toluene (µg/l)	Ethyl-benzene (µg/l)	Total Xylenes (µg/l)	MTBE 8021B (µg/l)	MTBE 8260B (µg/l)	Comments
MW-7 continued														
07/19/00	32.20	17.88	--	14.32	-1.08	ND	--	ND	1.27	ND	0.979	ND	--	
01/02/01	32.20	17.97	--	14.23	-0.09	ND	--	ND	ND	ND	ND	ND	--	
05/23/01	32.20	16.81	--	15.39	1.16	ND	--	ND	ND	ND	ND	ND	--	
07/30/01	32.20	16.79	--	15.41	0.02	ND<50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<2.5	--	
10/15/01	32.20	16.98	--	15.22	-0.19	ND<50	--	ND<0.50	0.58	ND<0.50	ND<0.50	ND<5.0	--	
01/14/02	32.20	14.85	--	17.35	2.13	ND<50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<2.5	--	
04/15/02	32.20	15.29	--	16.91	-0.44	ND<50	--	ND<0.50	ND<0.50	ND<0.50	0.70	ND<5.0	--	
07/15/02	32.20	15.92	--	16.28	-0.63	ND<50	--	ND<0.50	ND<0.50	ND<0.50	ND<1.0	ND<0.50	--	
01/18/03	32.20	15.11	--	17.09	0.81	ND<50	--	ND<0.50	ND<0.50	ND<0.50	ND<1.0	ND<2.0	--	
07/11/03	32.20	15.89	--	16.31	-0.78	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	19	
02/04/04	32.20	15.90	0.00	16.30	-0.01	--	ND<50	3.6	ND<0.50	ND<0.50	ND<1.0	--	3.2	
08/11/04	32.20	16.12	0.00	16.08	-0.22	--	ND<5000	120	ND<50	ND<50	ND<100	--	5100	
03/31/05	32.20	13.99	0.00	18.21	2.13	--	ND<5000	190	ND<50	ND<50	ND<100	--	8400	
09/30/05	32.20	15.93	0.00	16.27	-1.94	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<0.50	
MW-8	**(Screen Interval in feet: 11-29)**													
04/28/93	32.33	--	--	--	--	450	--	18	1.8	1.8	1.4	--	--	
07/23/93	32.33	18.45	--	13.88	--	260	--	5.1	ND	0.6	ND	--	--	
10/05/93	32.00	18.57	--	13.43	-0.45	120	--	1.7	ND	ND	ND	--	--	
01/03/94	32.00	18.73	--	13.27	-0.16	ND	--	ND	ND	ND	ND	51	--	
04/02/94	32.00	18.30	--	13.70	0.43	150	--	1.2	ND	ND	ND	--	--	
07/05/94	32.00	17.41	--	14.59	0.89	730	--	17	ND	1.6	ND	--	--	
10/06/94	32.00	18.98	--	13.02	-1.57	140	--	ND	ND	ND	ND	--	--	
01/02/95	32.00	17.58	--	14.42	1.40	440	--	18	0.72	2.0	1.8	--	--	
04/03/95	32.00	15.54	--	16.46	2.04	960	--	11	ND	ND	ND	--	--	

Table 2

HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS

June 1991 Through September 2005

76 Station 0752

Date Sampled	TOC Elevation (feet)	Depth to Water (feet)	LPH Thickness (feet)	Ground-water Elevation (feet)	Change in Elevation (feet)	TPH-G (µg/l)	TPPH 8260B (µg/l)	Benzene (µg/l)	Toluene (µg/l)	Ethyl-benzene (µg/l)	Total Xylenes (µg/l)	MTBE 8021B (µg/l)	MTBE 8260B (µg/l)	Comments
MW-8 continued														
07/14/95	32.00	16.81	--	15.19	-1.27	280	--	4.2	2.6	1.1	3.3	--	--	
10/10/95	32.00	17.85	--	14.15	-1.04	110	--	1.3	0.62	0.67	ND	170	--	
01/03/96	32.00	17.82	--	14.18	0.03	63	--	ND	0.51	ND	1.8	--	--	
04/10/96	32.00	15.70	--	16.30	2.12	ND	--	1.1	0.61	ND	ND	60	--	
07/09/96	32.00	16.78	--	15.22	-1.08	72	--	1.0	ND	ND	ND	140	--	
01/24/97	32.00	15.79	0.00	16.21	0.99	ND	--	ND	ND	ND	ND	76	--	
07/23/97	32.00	17.69	0.00	14.31	-1.90	ND	--	ND	ND	ND	ND	270	--	
01/26/98	32.00	15.50	--	16.50	2.19	ND	--	ND	ND	ND	0.76	2.9	--	
07/03/98	32.00	16.80	--	15.20	-1.30	ND	--	ND	ND	ND	ND	ND	--	
01/14/99	32.00	17.13	--	14.87	-0.33	ND	--	ND	ND	ND	ND	11	--	
07/15/99	32.00	15.85	--	16.15	1.28	ND	--	ND	ND	ND	ND	ND	--	
01/07/00	32.00	16.94	--	15.06	-1.09	ND	--	ND	ND	ND	ND	11	--	
07/19/00	32.00	18.06	--	13.94	-1.12	ND	--	ND	2.99	0.521	ND	ND	--	
01/02/01	32.00	18.12	--	13.88	-0.06	ND	--	ND	ND	ND	ND	ND	--	
05/23/01	32.00	16.96	--	15.04	1.16	ND	--	ND	ND	ND	ND	ND	--	
07/30/01	32.00	16.52	--	15.48	0.44	ND<50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	2.7	--	
10/15/01	32.00	16.72	--	15.28	-0.20	ND<50	--	ND<0.50	0.65	ND<0.50	ND<0.50	ND<5.0	--	
01/14/02	32.00	14.53	--	17.47	2.19	ND<50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<2.5	--	
04/15/02	32.00	14.96	--	17.04	-0.43	ND<50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<5.0	--	
07/15/02	32.00	15.60	--	16.40	-0.64	ND<50	--	ND<0.50	ND<0.50	ND<0.50	ND<1.0	11	--	
01/18/03	32.00	14.78	--	17.22	0.82	ND<50	--	ND<0.50	ND<0.50	ND<0.50	ND<1.0	ND<2.0	--	
02/04/04	32.00	15.65	0.00	16.35	-0.87	--	52	2.3	ND<0.50	ND<0.50	ND<1.0	--	2.4	
08/11/04	32.00	15.86	0.00	16.14	-0.21	--	350	ND<2.5	ND<2.5	ND<2.5	ND<5.0	--	310	
03/31/05	32.00	13.73	0.00	18.27	2.13	--	ND<2000	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	2100	

Table 2

HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS

June 1991 Through September 2005

76 Station 0752

Date Sampled	TOC Elevation (feet)	Depth to Water (feet)	LPH Thickness (feet)	Ground-water Elevation (feet)	Change in Elevation (feet)	TPH-G (µg/l)	TPPH 8260B (µg/l)	Benzene (µg/l)	Toluene (µg/l)	Ethyl-benzene (µg/l)	Total Xylenes (µg/l)	MTBE 8021B (µg/l)	MTBE 8260B (µg/l)	Comments
MW-8 continued														
09/30/05	32.00	15.94	0.00	16.06	-2.21	--	1200	ND<0.50	0.50	ND<0.50	ND<1.0	--	6900	

Table 3
ADDITIONAL ANALYTICAL RESULTS
76 Station 0752

Date Sampled	TPH-D	EDC	PCE	Chloro-form	TCE	EDB	Lead (Total)	Pre-Purge DO	Post Purge DO	Sulfate	TAME 8260B	TBA 8260B	DIPE 8260B	ETBE 8260B	Calcium
	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(mg/l)	(mg/l)	(mg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(mg/l)
MW-1															
06/05/91	47	--	2.9	7.8	1.3	--	--	--	--	--	--	--	--	--	--
09/30/91	ND	--	--	--	--	--	--	--	--	--	--	--	--	--	--
12/30/91	ND	--	2.1	6.4	0.9	--	0.0057	--	--	--	--	--	--	--	--
04/02/92	94	--	2.6	7.1	1.4	--	0.016	--	--	--	--	--	--	--	--
06/30/92	120	--	2.2	9.5	1.3	--	0.009	--	--	--	--	--	--	--	--
09/15/92	ND	--	2.2	12	1.3	--	--	--	--	--	--	--	--	--	--
12/21/92	ND	--	1.4	12	0.83	--	--	--	--	--	--	--	--	--	--
04/28/93	470	1.1	0.89	12	0.85	--	--	--	--	--	--	--	--	--	--
07/23/93	ND	--	1.3	16	0.91	--	--	--	--	--	--	--	--	--	--
10/05/93	57	--	1.3	13	0.66	--	--	--	--	--	--	--	--	--	--
01/03/94	ND	--	1.4	18	0.93	--	--	--	--	--	--	--	--	--	--
04/02/94	ND	--	1.1	15	0.68	--	--	--	--	--	--	--	--	--	--
04/10/96	--	--	--	--	--	--	--	--	3.04	--	--	--	--	--	21
07/09/96	--	--	--	--	--	--	--	--	3.13	--	--	--	--	--	--
01/24/97	--	--	--	--	--	--	--	--	2.56	--	--	--	--	--	--
07/23/97	--	--	--	--	--	--	--	2.26	2.81	--	--	--	--	--	--
01/26/98	--	--	--	--	--	--	--	3.97	--	--	--	--	--	--	--
07/03/98	--	--	--	--	--	--	--	3.58	--	--	--	--	--	--	--
07/15/02	--	ND<0.5	--	--	--	ND<0.5	--	--	--	--	ND<0.5	ND<5.0	ND<1.0	ND<0.5	--
02/04/04	--	--	--	--	--	--	--	--	--	--	--	ND<10000	--	--	--
MW-2															
01/03/96	--	--	--	--	--	--	--	--	1.80	97	--	--	--	--	27
04/10/96	--	--	--	--	--	--	--	--	5.88	--	--	--	--	--	58
07/09/96	--	--	--	--	--	--	--	--	0.71	--	--	--	--	--	--
01/24/97	--	--	--	--	--	--	--	--	2.37	--	--	--	--	--	--
07/23/97	--	--	--	--	--	--	--	1.40	0.97	--	--	--	--	--	--

Table 3
ADDITIONAL ANALYTICAL RESULTS
76 Station 0752

Date Sampled	TPH-D	EDC	PCE	Chloro-form	TCE	EDB	Lead (Total)	Pre-Purge DO	Post Purge DO	Sulfate	TAME 8260B	TBA 8260B	DIPE 8260B	ETBE 8260B	Calcium
	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(mg/l)	(mg/l)	(mg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(mg/l)
MW-2 continued															
01/26/98	--	--	--	--	--	--	--	4.12	--	--	--	--	--	--	--
07/03/98	--	--	--	--	--	--	--	3.99	--	--	--	--	--	--	--
02/04/04	--	--	--	--	--	--	--	--	--	--	--	ND<100	--	--	--
MW-3															
01/03/96	--	--	--	--	--	--	--	--	1.50	16	--	--	--	--	43
02/04/04	--	--	--	--	--	--	--	--	--	--	--	ND<100	--	--	--
MW-4															
01/03/94	--	--	1.0	9.0	ND	--	--	--	--	--	--	--	--	--	--
02/04/04	--	--	--	--	--	--	--	--	--	--	--	ND<2000	--	--	--
MW-5															
02/04/04	--	--	--	--	--	--	--	--	--	--	--	ND<100	--	--	--
MW-6															
02/04/04	--	--	--	--	--	--	--	--	--	--	--	ND<100	--	--	--
MW-7															
02/04/04	--	--	--	--	--	--	--	--	--	--	--	ND<100	--	--	--
MW-8															
01/03/94	--	--	1.2	1.5	ND	--	--	--	--	--	--	--	--	--	--
02/04/04	--	--	--	--	--	--	--	--	--	--	--	ND<100	--	--	--

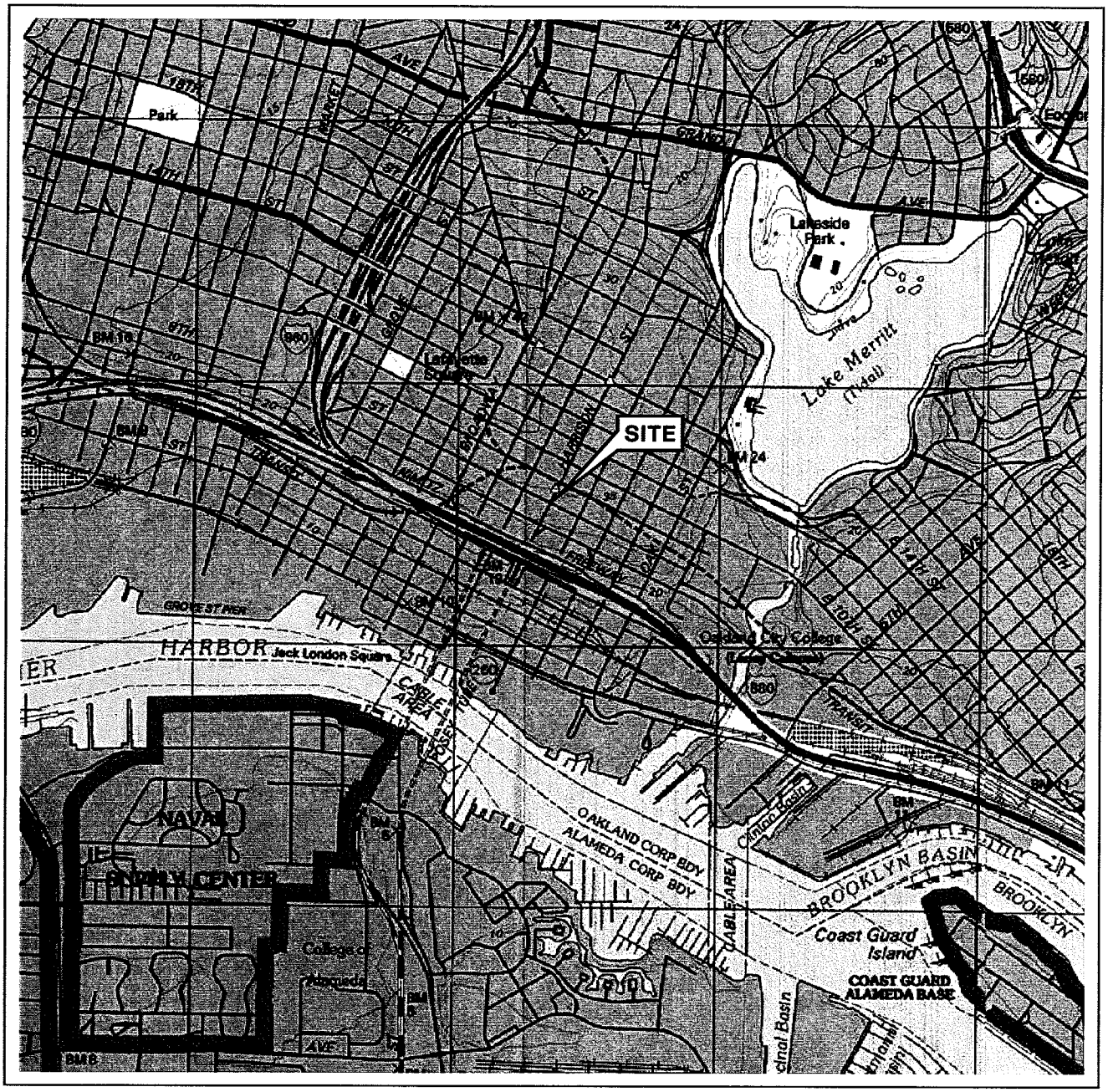
Table 3 b
ADDITIONAL ANALYTICAL RESULTS
76 Station 0752

Date Sampled	Mang (mg/l)	Zinc (mg/l)	Ethanol 8260B (µg/l)	Nickel (mg/l)	Cadmium (mg/l)	Chromium (mg/l)	BOD (mg/l)	Nitrate (mg/l)	TOG (mg/l)	Iron (Total) (mg/l)	Bicarbonate Alkalinity (mg/l)
MW-1											
12/30/91	--	0.046	--	ND	ND	0.0078	--	--	ND	--	--
04/02/92	--	0.02	--	ND	ND	0.015	--	--	ND	--	--
06/30/92	--	0.087	--	0.1	ND	0.079	--	--	ND	--	--
04/10/96	2.6	--	--	--	--	--	--	--	--	15	160
07/15/02	--	--	ND<25	--	--	--	--	--	--	--	--
01/18/03	--	--		--	--	--	--	--	--	--	--
07/11/03	--	--	ND<25000	--	--	--	--	--	--	--	--
02/04/04	--	--	ND<50000	--	--	--	--	--	--	--	--
08/11/04	--	--	ND<1000	--	--	--	--	--	--	--	--
03/31/05	--	--	ND<2000	--	--	--	--	--	--	--	--
09/30/05	--	--	ND<250	--	--	--	--	--	--	--	--
MW-2											
01/03/96	3.0	--	--	--	--	--	2.2	0.22	--	77	130
04/10/96	7.0	--	--	--	--	--	--	--	--	60	460
07/11/03	--	--	ND<500	--	--	--	--	--	--	--	--
02/04/04	--	--	ND<500	--	--	--	--	--	--	--	--
08/11/04	--	--	ND<50	--	--	--	--	--	--	--	--
03/31/05	--	--	ND<50	--	--	--	--	--	--	--	--
09/30/05	--	--	ND<250	--	--	--	--	--	--	--	--
MW-3											
02/04/04	--	--	ND<500	--	--	--	--	--	--	--	--
08/11/04	--	--	ND<20000	--	--	--	--	--	--	--	--
03/31/05	--	--	ND<20000	--	--	--	--	--	--	--	--
09/30/05	--	--	ND<12000	--	--	--	--	--	--	--	--
MW-4											

Table 3 b
ADDITIONAL ANALYTICAL RESULTS
76 Station 0752

Date Sampled	Mang (mg/l)	Zinc (mg/l)	Ethanol 8260B (µg/l)	Nickel (mg/l)	Cadmium (mg/l)	Chromium (mg/l)	BOD (mg/l)	Nitrate (mg/l)	TOG (mg/l)	Iron (Total) (mg/l)	Bicarbonate Alkalinity (mg/l)
MW-4 continued											
02/04/04	--	--	ND<10000	--	--	--	--	--	--	--	--
08/11/04	--	--	ND<5000	--	--	--	--	--	--	--	--
03/31/05	--	--	ND<1300	--	--	--	--	--	--	--	--
09/30/05	--	--	ND<250	--	--	--	--	--	--	--	--
MW-5											
02/04/04	--	--	ND<500	--	--	--	--	--	--	--	--
08/11/04	--	--	ND<50	--	--	--	--	--	--	--	--
03/31/05	--	--	ND<50	--	--	--	--	--	--	--	--
09/30/05	--	--	ND<250	--	--	--	--	--	--	--	--
MW-6											
02/04/04	--	--	ND<500	--	--	--	--	--	--	--	--
08/11/04	--	--	ND<5000	--	--	--	--	--	--	--	--
03/31/05	--	--	ND<5000	--	--	--	--	--	--	--	--
09/30/05	--	--	ND<250	--	--	--	--	--	--	--	--
MW-7											
02/04/04	--	--	ND<500	--	--	--	--	--	--	--	--
08/11/04	--	--	ND<5000	--	--	--	--	--	--	--	--
03/31/05	--	--	ND<5000	--	--	--	--	--	--	--	--
09/30/05	--	--	ND<250	--	--	--	--	--	--	--	--
MW-8											
02/04/04	--	--	ND<500	--	--	--	--	--	--	--	--
08/11/04	--	--	ND<250	--	--	--	--	--	--	--	--
03/31/05	--	--	ND<2000	--	--	--	--	--	--	--	--
09/30/05	--	--	ND<250	--	--	--	--	--	--	--	--

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 East & Oakland West
Quadrangles

VICINITY MAP

76 Station 0752
800 Harrison Street
Oakland, California

FIGURE 1

TRC

PS = 1:1

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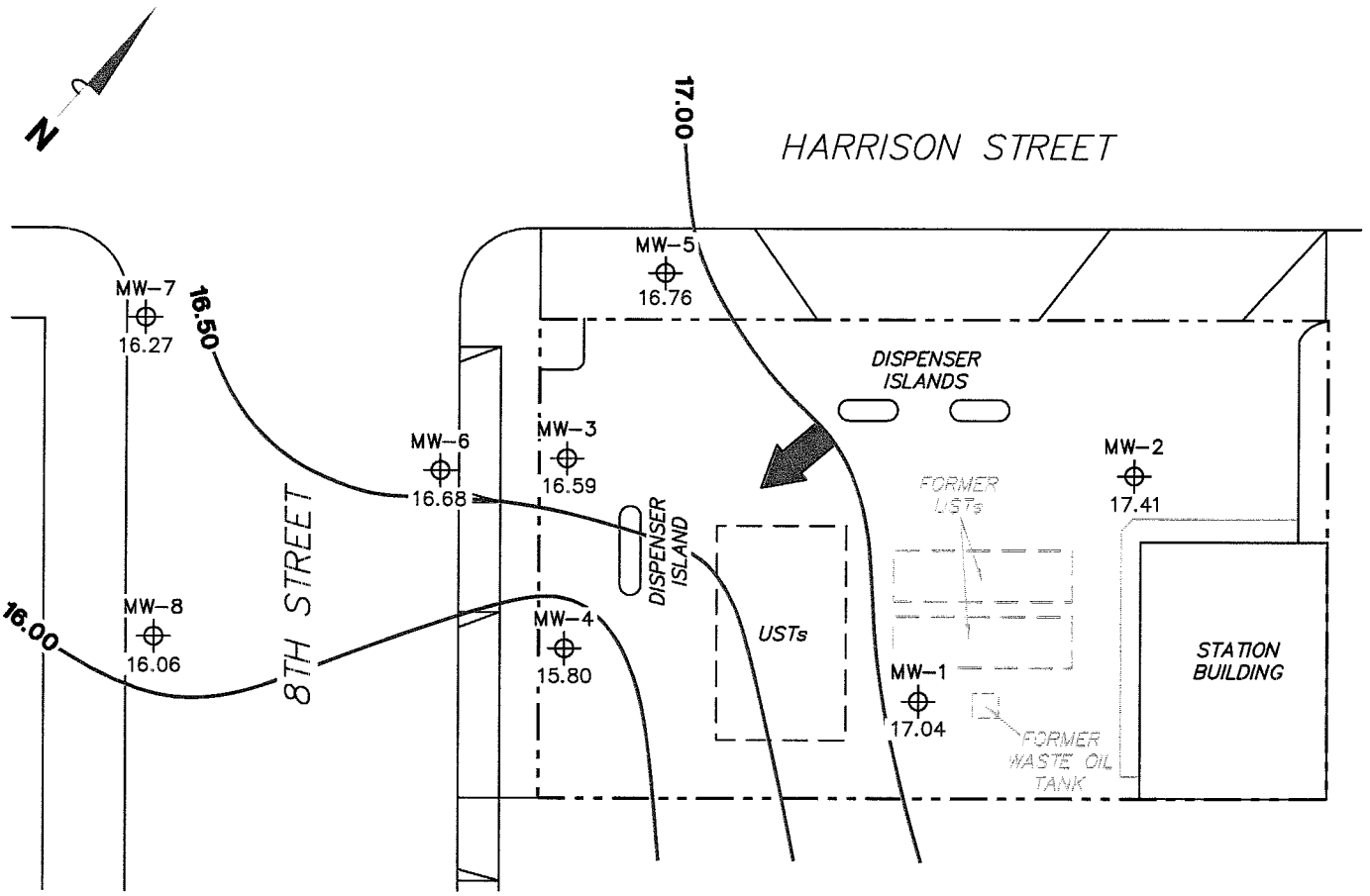

NOTES:

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

LEGEND

MW-8 ⊕ Monitoring Well with Groundwater Elevation (feet)

17.00—— Groundwater Elevation Contour

General Direction of Groundwater Flow

GROUNDWATER ELEVATION CONTOUR MAP
September 30, 2005

76 Station 0752
800 Harrison Street
Oakland, California

TRC

SCALE (FEET)
0 30

FIGURE 2

PS=1:1 0752-003

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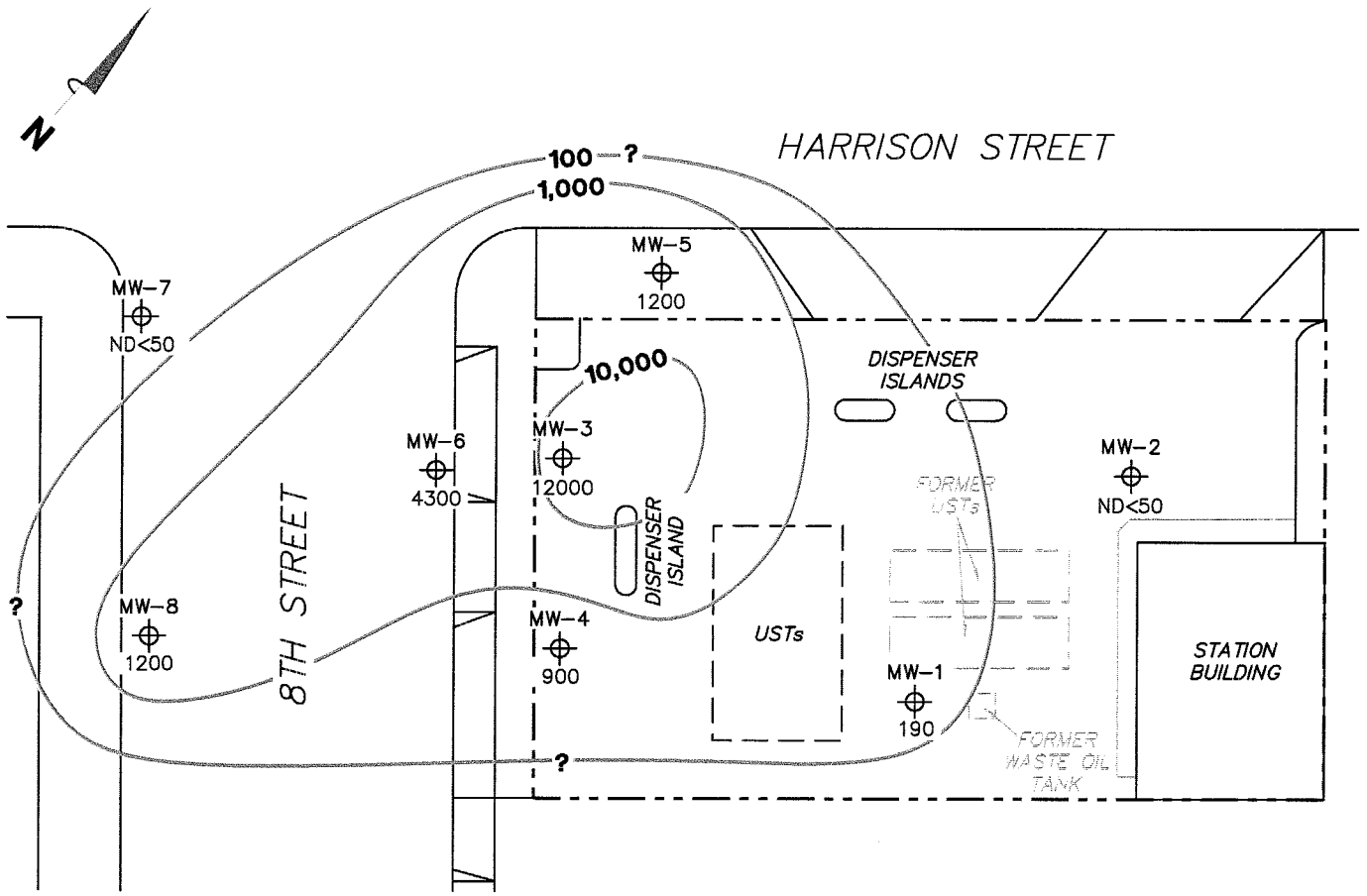

NOTES:

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

LEGEND

MW-8 ⊕ Monitoring Well with Dissolved-Phase TPPH Concentration (µg/l)

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

DISSOLVED-PHASE TPPH CONCENTRATION MAP
September 30, 2005

76 Station 0752
800 Harrison Street
Oakland, California

TRC

SCALE (FEET)
0 30

FIGURE 3

PS=1:1 0752-003

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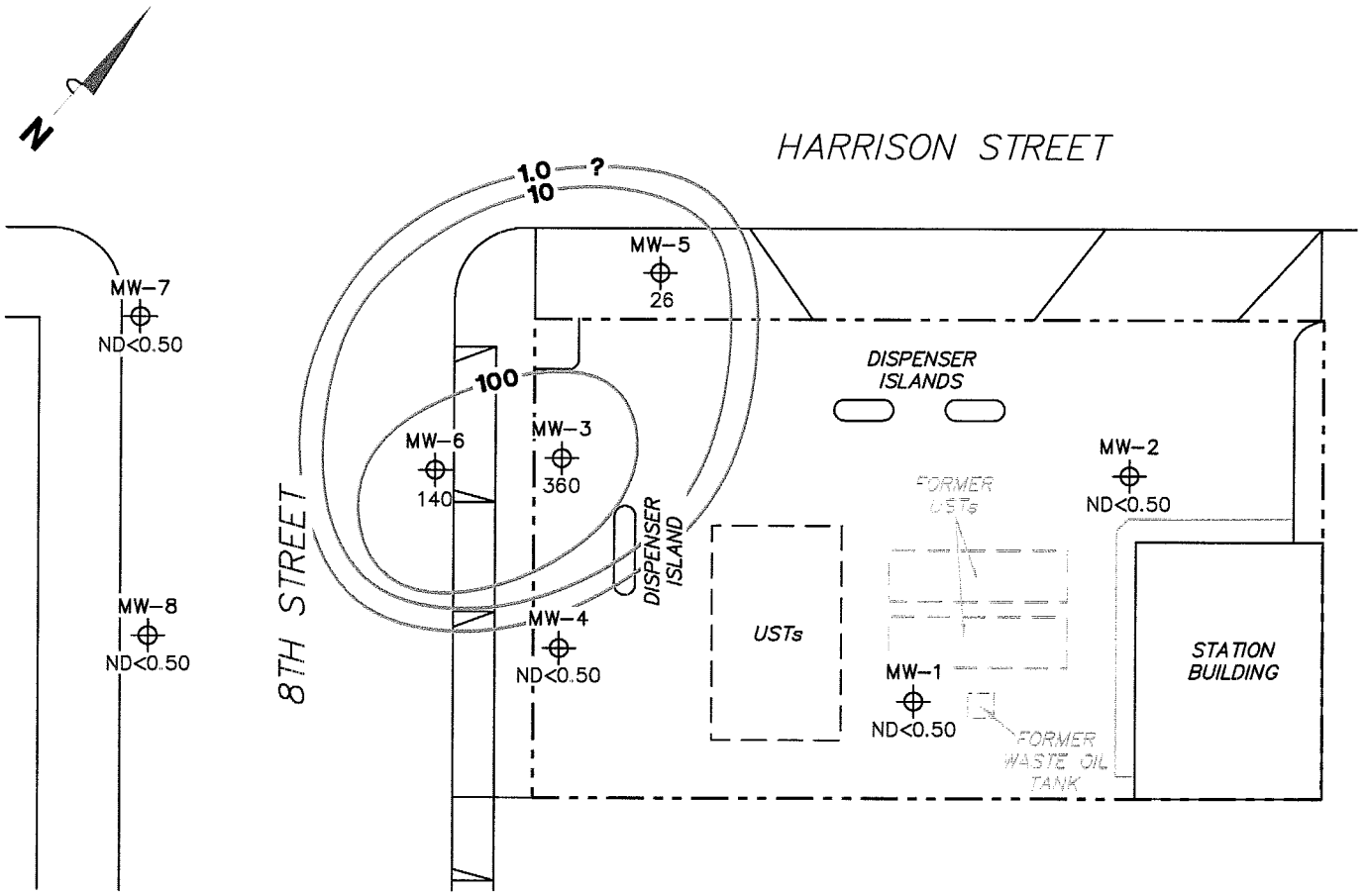

NOTES:

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

LEGEND

MW-8 ⊕ Monitoring Well with Dissolved-Phase Benzene Concentration (µg/l)

100 Dissolved-Phase Benzene Contour (µg/l)

DISSOLVED-PHASE BENZENE CONCENTRATION MAP
September 30, 2005

76 Station 0752
800 Harrison Street
Oakland, California

TRC

SCALE (FEET)
0 30

FIGURE 4

PS=1:1 0752-003

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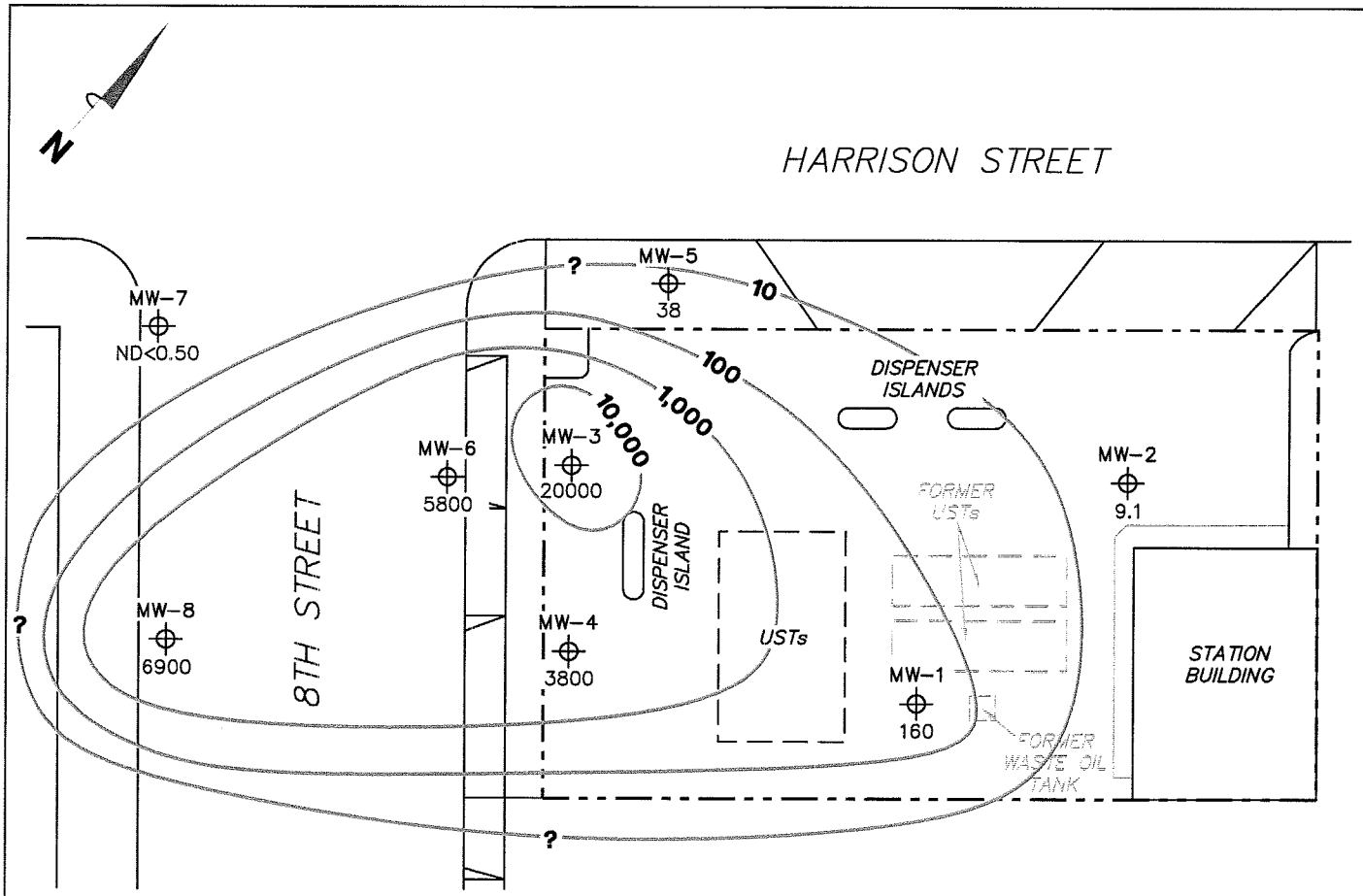

NOTES:

Contour lines are interpretive and based on laboratory analysis results of groundwater samples. MTBE = methyl tertiary butyl ether. µg/l = micrograms per liter. UST = underground storage tank. Results obtained using EPA Method 8260B.

LEGEND

MW-8 ⊕ Monitoring Well with Dissolved-Phase MTBE Concentration (µg/l)

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

DISSOLVED-PHASE MTBE CONCENTRATION MAP
September 30, 2005

76 Station 0752
800 Harrison Street
Oakland, California

TRC

SCALE (FEET)
0 30

FIGURE 5

PS=1:1 0752-003

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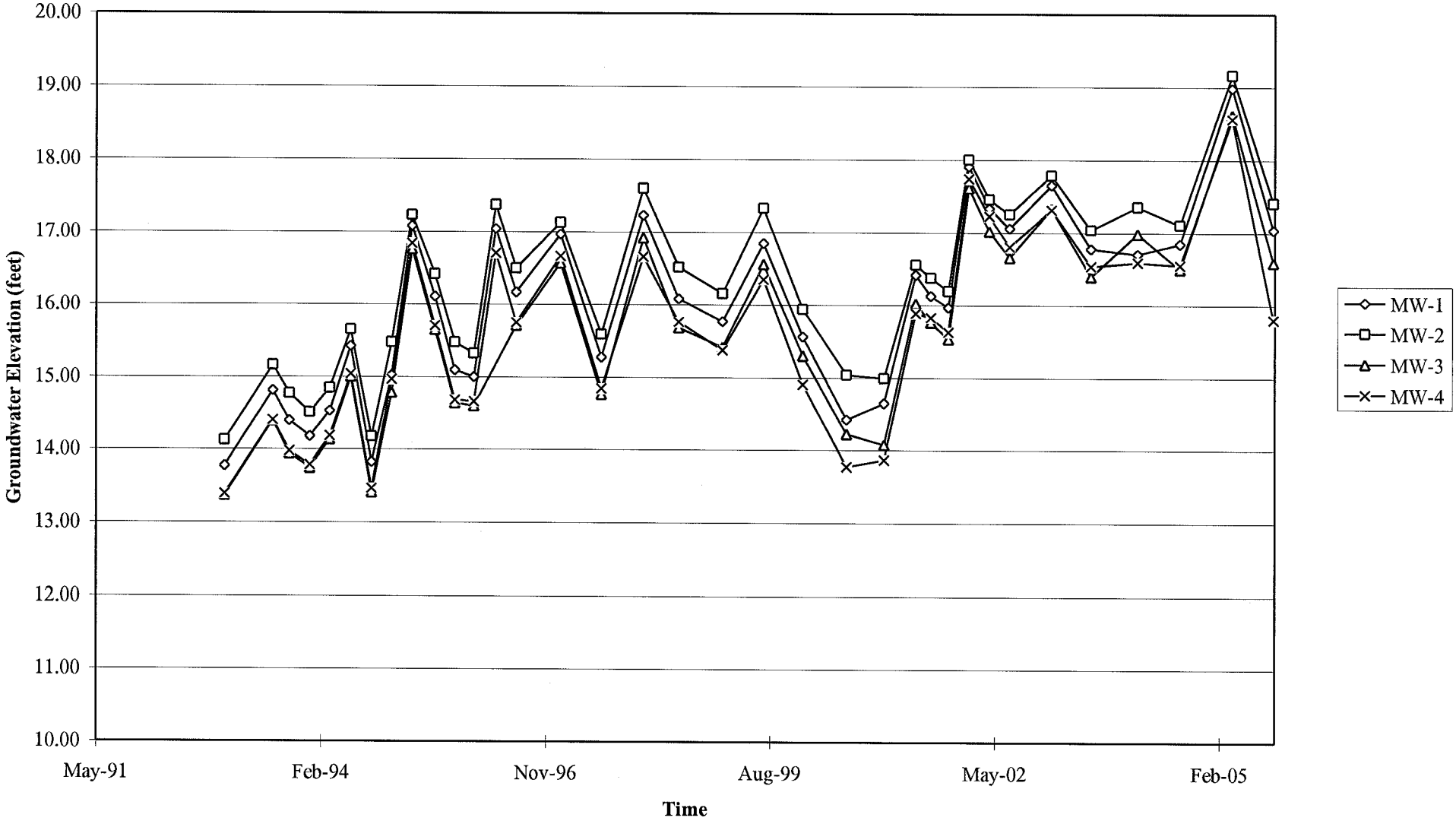
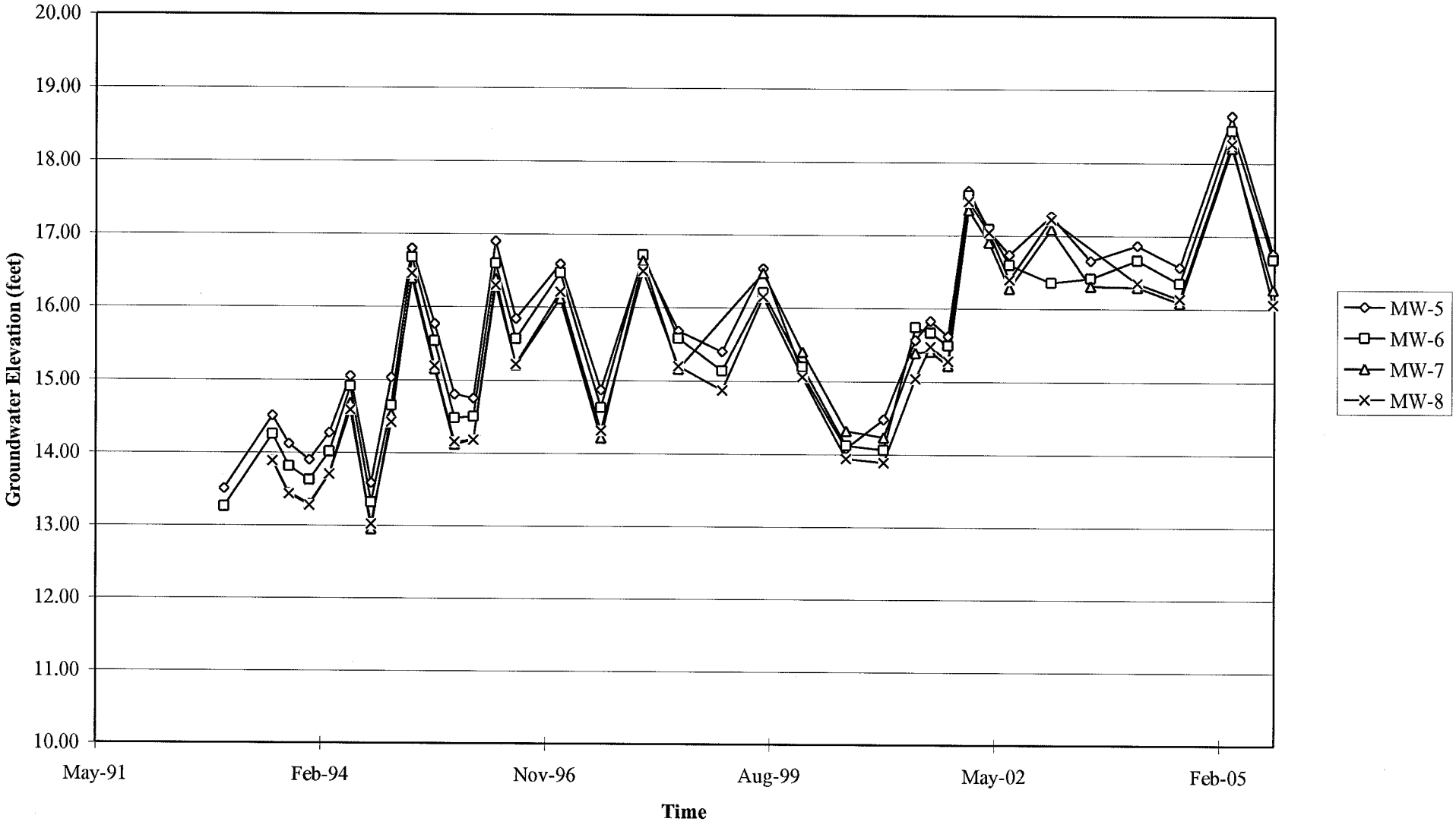
GRAPHS

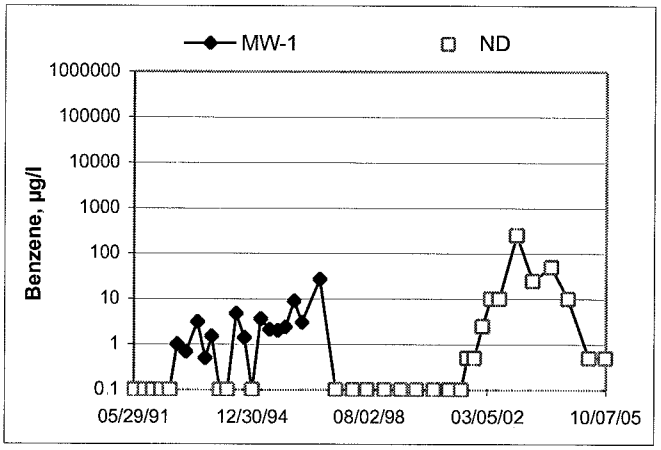
Groundwater Elevations vs. Time
76 Station 0752

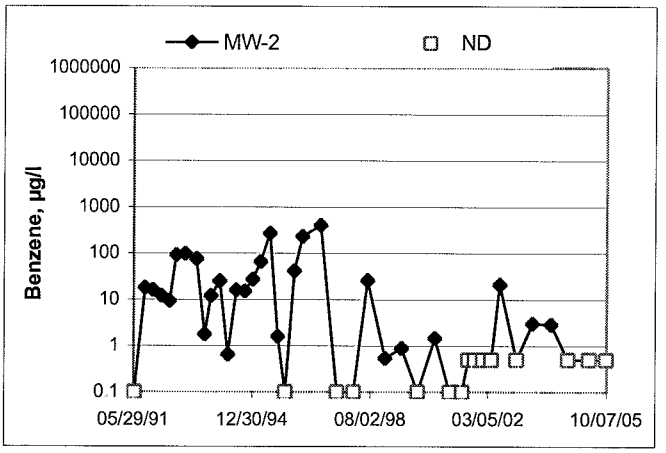


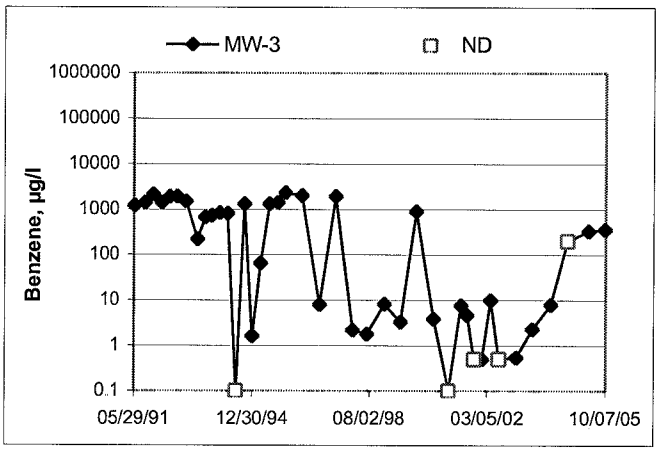
Groundwater Elevations vs. Time
76 Station 0752

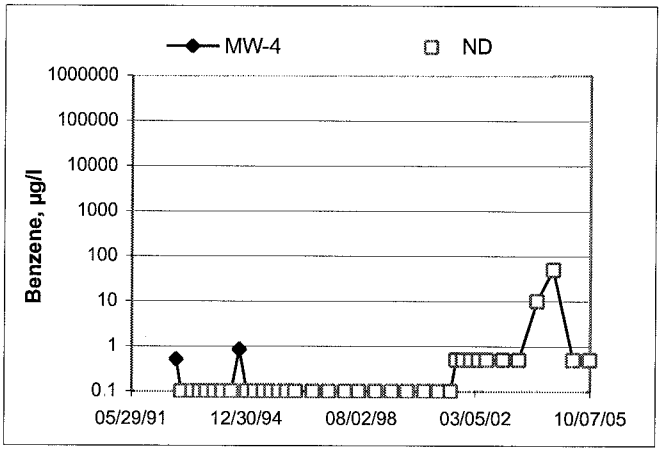


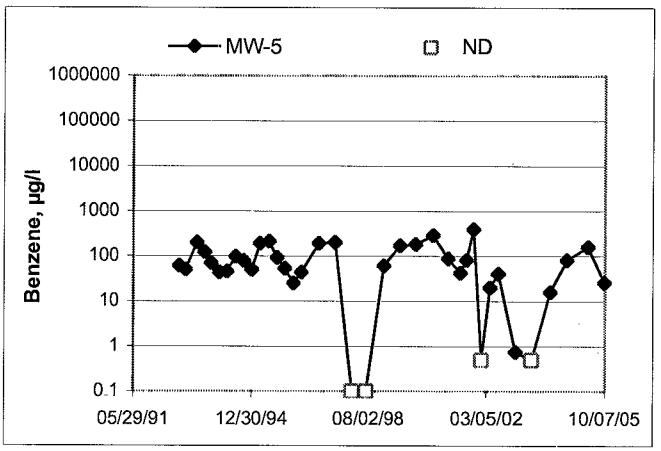
Benzene Concentrations vs Time
76 Station 0752

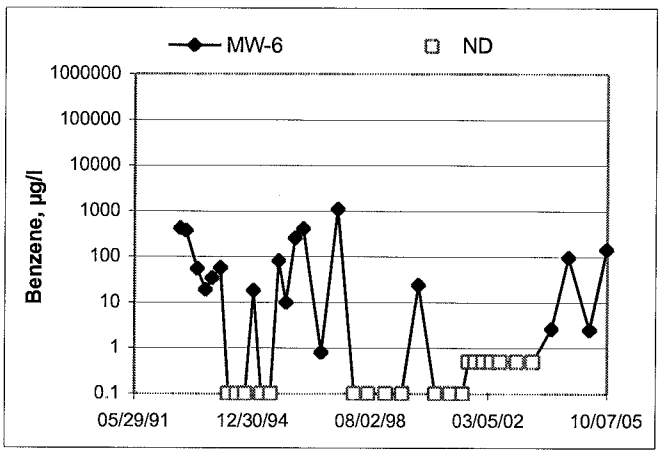


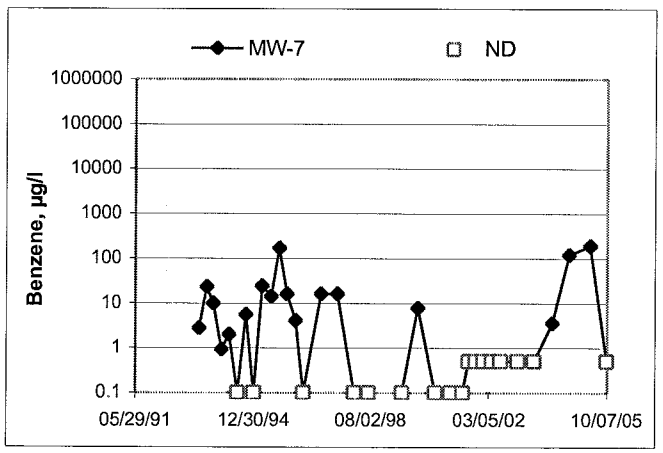


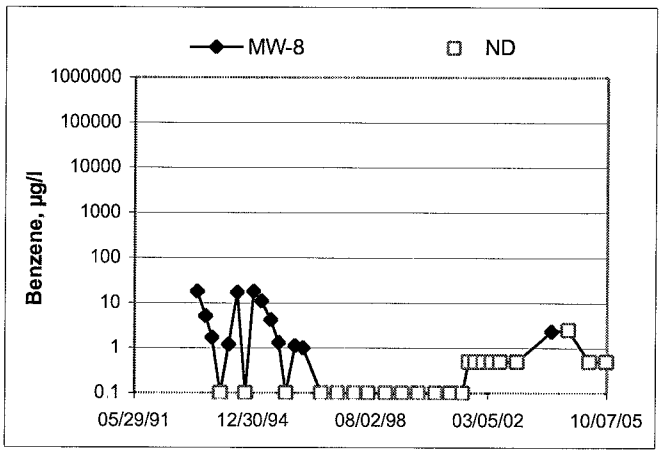












GENERAL FIELD PROCEDURES

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: Melissa Job #/Task #: 410500001/EA20 Date: ~~Aug~~ 09-30-05

Site # 0752 Project Manager A. Collins Page 1 of 1

Well #	Time Gauged	TOC	Total Depth	Depth to Water	Depth to Product	Product Thickness (feet)	Time Sampled	Misc. Well Notes
MW-2	0434	✓	30.43	17.31	—	—	0704	2"
MW-4	0437	✓	32.26	16.91	—	—	0718	2"
MW-8	0442	✓	28.52	15.94	—	—	0537	2"
MW-1	0450	✓	33.62	17.65	—	—	0636	2"
MW-6	0454	✓	30.96	15.48	—	—	0619	2"
MW-5	0458	✓	31.76	16.19	—	—	0652	2"
MW-7	0503	✓	31.64	15.93	—	—	0603	2"
MW-3	0507	✓	30.58	16.55	—	—	0729	2"

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

WTT CERTIFICATE MANIFEST DRUM INVENTORY ✓ TRAFFIC CONTROL

GROUNDWATER SAMPLING FIELD NOTES

Technician: Melissa

Site: 0752 Project No.: 41050001 Date: 09-30-05

Well No.: MW-2 Purge Method: Disp

Depth to Water (feet): 17.31 Depth to Product (feet): 0

Total Depth (feet): 30.43 LPH & Water Recovered (gallons): 6

Water Column (feet): 13.12 Casing Diameter (inches): 2"

80% Recharge Depth (feet): 19.93 1 Well Volume (gallons): 2

Time Start	Time Stop	Depth To Water (feet)	Volume Purged (gallons)	Conductivity (uS/cm)	Temperature (F.C)	pH	Turbidity	D.O.
0659			2	784	19.C	6.58		
			4	773	20.0	6.57		
	0701		6	737	20.1	6.59		

Static at Time Sampled	Total Gallons Purged	Time Sampled
17.53	6	0704

Comments:

Well No.: MW-4 Purge Method: Disp

Depth to Water (feet): 16.91 Depth to Product (feet): 0

Total Depth (feet): 32.36 LPH & Water Recovered (gallons): 0

Water Column (feet): 15.35 Casing Diameter (inches): 2"

80% Recharge Depth (feet): 19.98 1 Well Volume (gallons): 3

Time Start	Time Stop	Depth To Water (feet)	Volume Purged (gallons)	Conductivity (uS/cm)	Temperature (F.C)	pH	Turbidity	D.O.
0712			3	536	19.8	6.33		
			6	535	20.3	6.35		
	0714		9	524	20.2	6.36		

Static at Time Sampled	Total Gallons Purged	Time Sampled
17.52	9	0718

Comments:

GROUNDWATER SAMPLING FIELD NOTES

Technician: Melissa

Site: 0752 Project No.: 41050004 Date: 09-30-05

Well No.: MW-8 Purge Method: DA

Depth to Water (feet): 15.94 Depth to Product (feet): 0

Total Depth (feet): 28.52 LPH & Water Recovered (gallons): 0

Water Column (feet): 12.58 Casing Diameter (inches): 2"

80% Recharge Depth (feet): 18.45 1 Well Volume (gallons): 2

Time Start	Time Stop	Depth To Water (feet)	Volume Purged (gallons)	Conductivity (uS/cm)	Temperature (F/C)	pH	Turbidity	D.O.
0531			2	551	18.9	6.64		
			4	421	19.4	6.73		
	0532		6	460	19.5	6.69		

Static at Time Sampled	Total Gallons Purged	Time Sampled
16.24	6	0537

Comments:

Well No.: MW-1 Purge Method: DA

Depth to Water (feet): 17.65 Depth to Product (feet): 0

Total Depth (feet): 33.62 LPH & Water Recovered (gallons): 0

Water Column (feet): 15.97 Casing Diameter (inches): 2"

80% Recharge Depth (feet): 20.84 1 Well Volume (gallons): 3

Time Start	Time Stop	Depth To Water (feet)	Volume Purged (gallons)	Conductivity (uS/cm)	Temperature (F/C)	pH	Turbidity	D.O.
0630			3	270	19.2	6.95		
			6	277	19.4	6.78		
	0632		9	262	19.5	6.76		

Static at Time Sampled	Total Gallons Purged	Time Sampled
17.81	9	0636

Comments:

GROUNDWATER SAMPLING FIELD NOTES

Technician: Melissa

Site: 0752 Project No.: 41050002 Date: 09-30-05

Well No.: MW-6 Purge Method: D.9

Depth to Water (feet): 15.48 Depth to Product (feet): 0

Total Depth (feet): 30.96 LPH & Water Recovered (gallons): 0

Water Column (feet): 15.48 Casing Diameter (Inches): 2"

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

Time Start	Time Stop	Depth To Water (feet)	Volume Purged (gallons)	Conductivity (uS/cm)	Temperature (F (C))	pH	Turbidity	D.O.
0613			3	279	19.8	6.89		
			6	287	20.3	6.87		
	0615		9	298	20.3	6.84		

Static at Time Sampled	Total Gallons Purged	Time Sampled
15.81	9	0619

Comments: _____

Well No.: MW-5 Purge Method: D.9

Depth to Water (feet): 16.19 Depth to Product (feet): 0

Total Depth (feet): 31.76 LPH & Water Recovered (gallons): 0

Water Column (feet): 15.57 Casing Diameter (Inches): 2"

80% Recharge Depth (feet): 19.30 1 Well Volume (gallons): 3

Time Start	Time Stop	Depth To Water (feet)	Volume Purged (gallons)	Conductivity (uS/cm)	Temperature (F (C))	pH	Turbidity	D.O.
0647			3	406	19.8	6.71		
			6	402	20.3	6.69		
	0648		9	399	20.5	6.71		

Static at Time Sampled	Total Gallons Purged	Time Sampled
16.89	9	0652

Comments: _____

GROUNDWATER SAMPLING FIELD NOTES

Technician: Melissa

Site: 0752 Project No.: 410508001 Date: 09-30-05

Well No.: MW-7 Purge Method: Dia

Depth to Water (feet): 15.93 Depth to Product (feet): 0

Total Depth (feet): 31.64 LPH & Water Recovered (gallons): 0

Water Column (feet): 15.71 Casing Diameter (inches): 2"

80% Recharge Depth (feet): 19.07 1 Well Volume (gallons): 3

Time Start	Time Stop	Depth To Water (feet)	Volume Purged (gallons)	Conductivity (uS/cm)	Temperature (F,C)	pH	Turbidity	D.O.
0553			3	531	19.8	6.61		
			6	512	20.1	6.60		
	0555		9	458	20.0	6.63		

Static at Time Sampled	Total Gallons Purged	Time Sampled
16.14	9	0603

Comments:

Well No.: MW-3 Purge Method: Dia

Depth to Water (feet): 16.55 Depth to Product (feet): 0

Total Depth (feet): 30.58 LPH & Water Recovered (gallons): 0

Water Column (feet): 14.03 Casing Diameter (inches): 2"

80% Recharge Depth (feet): 19.35 1 Well Volume (gallons): 2

Time Start	Time Stop	Depth To Water (feet)	Volume Purged (gallons)	Conductivity (uS/cm)	Temperature (F,C)	pH	Turbidity	D.O.
0724			2	739	19.9	6.69		
			4	760	20.6	6.60		
	0725		6	750	20.7	6.63		

Static at Time Sampled	Total Gallons Purged	Time Sampled
16.85	6	0729

Comments:

BC Laboratories, Inc

Date of Report: 10/18/2005

Anju Farfan

TRC Alton Geoscience

21 Technology Drive
Irvine, CA 92618-2302

RE: 0752

BC Lab Number: 0509758

Enclosed are the results of analyses for samples received by the laboratory on 09/30/05 20:30. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Contact Person: Vanessa Surratt

Client Service Rep

Authorized Signature

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

Project: 0752
Project Number: [none]
Project Manager: Anju Farfan

Reported: 10/18/05 09:54

Laboratory / Client Sample Cross Reference

Laboratory	Client Sample Information				
0509758-01	**COC Number:**	---	**Receive Date:**	09/30/05 20:30	Delivery Work Order (LabW:
	Project Number:	0752	**Sampling Date:**	09/30/05 07:04	Global ID: T0600101486
	Sampling Location:	MW-2	**Sample Depth:**	---	Matrix: W
	Sampling Point:	MW-2	**Sample Matrix:**	Water	Samle QC Type (SACode): CS
	Sampled By:	Melissa of TRCI			Cooler ID:
0509758-02	**COC Number:**	---	**Receive Date:**	09/30/05 20:30	Delivery Work Order (LabW:
	Project Number:	0752	**Sampling Date:**	09/30/05 07:18	Global ID: T0600101486
	Sampling Location:	MW-4	**Sample Depth:**	---	Matrix: W
	Sampling Point:	MW-4	**Sample Matrix:**	Water	Samle QC Type (SACode): CS
	Sampled By:	Melissa of TRCI			Cooler ID:
0509758-03	**COC Number:**	---	**Receive Date:**	09/30/05 20:30	Delivery Work Order (LabW:
	Project Number:	0752	**Sampling Date:**	09/30/05 05:37	Global ID: T0600101486
	Sampling Location:	MW-8	**Sample Depth:**	---	Matrix: W
	Sampling Point:	MW-8	**Sample Matrix:**	Water	Samle QC Type (SACode): CS
	Sampled By:	Melissa of TRCI			Cooler ID:
0509758-04	**COC Number:**	---	**Receive Date:**	09/30/05 20:30	Delivery Work Order (LabW:
	Project Number:	0752	**Sampling Date:**	09/30/05 06:36	Global ID: T0600101486
	Sampling Location:	MW-1	**Sample Depth:**	---	Matrix: W
	Sampling Point:	MW-1	**Sample Matrix:**	Water	Samle QC Type (SACode): CS
	Sampled By:	Melissa of TRCI			Cooler ID:
0509758-05	**COC Number:**	---	**Receive Date:**	09/30/05 20:30	Delivery Work Order (LabW:
	Project Number:	0752	**Sampling Date:**	09/30/05 06:19	Global ID: T0600101486
	Sampling Location:	MW-6	**Sample Depth:**	---	Matrix: W
	Sampling Point:	MW-6	**Sample Matrix:**	Water	Samle QC Type (SACode): CS
	Sampled By:	Melissa of TRCI			Cooler ID:

TRC Alton Geoscience	Project: 0752	
21 Technology Drive	Project Number: [none]	
Irvine CA, 92618-2302	Project Manager: Anju Farfan	**Reported:** 10/18/05 09:54

Laboratory / Client Sample Cross Reference

Laboratory	Client Sample Information				
0509758-06	**COC Number:**	---	**Receive Date:**	09/30/05 20:30	Delivery Work Order (LabW:
	Project Number:	0752	**Sampling Date:**	09/30/05 06:52	Global ID: T0600101486
	Sampling Location:	MW-5	**Sample Depth:**	---	Matrix: W
	Sampling Point:	MW-5	**Sample Matrix:**	Water	Samle QC Type (SACode): CS
	Sampled By:	Melissa of TRCI			Cooler ID:
0509758-07	**COC Number:**	---	**Receive Date:**	09/30/05 20:30	Delivery Work Order (LabW:
	Project Number:	0752	**Sampling Date:**	09/30/05 06:03	Global ID: T0600101486
	Sampling Location:	MW-7	**Sample Depth:**	---	Matrix: W
	Sampling Point:	MW-7	**Sample Matrix:**	Water	Samle QC Type (SACode): CS
	Sampled By:	Melissa of TRCI			Cooler ID:
0509758-08	**COC Number:**	---	**Receive Date:**	09/30/05 20:30	Delivery Work Order (LabW:
	Project Number:	0752	**Sampling Date:**	09/30/05 07:29	Global ID: T0600101486
	Sampling Location:	MW-3	**Sample Depth:**	---	Matrix: W
	Sampling Point:	MW-3	**Sample Matrix:**	Water	Samle QC Type (SACode): CS
	Sampled By:	Melissa of TRCI			Cooler ID:

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Project: 0752
Project Number: [none]
Project Manager: Anju Farfan

Reported: 10/18/05 09:54

Volatile Organic Analysis (EPA Method 8260)

BCL Sample ID: 0509758-01 | **Client Sample Name:** 0752, MW-2, MW-2, 9/30/2005 7:04:00AM, Melissa

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	10/11/05	10/11/05 22:02	SDU	MS-V12	1	BOJ0389	ND	
Ethylbenzene	ND	ug/L	0.50		EPA-8260	10/11/05	10/11/05 22:02	SDU	MS-V12	1	BOJ0389	ND	
Methyl t-butyl ether	9.1	ug/L	0.50		EPA-8260	10/11/05	10/11/05 22:02	SDU	MS-V12	1	BOJ0389	ND	
Toluene	ND	ug/L	0.50		EPA-8260	10/11/05	10/11/05 22:02	SDU	MS-V12	1	BOJ0389	ND	
Total Xylenes	ND	ug/L	1.0		EPA-8260	10/11/05	10/11/05 22:02	SDU	MS-V12	1	BOJ0389	ND	
Ethanol	ND	ug/L	250		EPA-8260	10/11/05	10/11/05 22:02	SDU	MS-V12	1	BOJ0389	ND	
Total Purgeable Petroleum Hydrocarbons	ND	ug/L	50		EPA-8260	10/11/05	10/11/05 22:02	SDU	MS-V12	1	BOJ0389	ND	
1,2-Dichloroethane-d4 (Surrogate)	102	%	76 - 114 (LCL - UCL)		EPA-8260	10/11/05	10/11/05 22:02	SDU	MS-V12	1	BOJ0389		
Toluene-d8 (Surrogate)	102	%	88 - 110 (LCL - UCL)		EPA-8260	10/11/05	10/11/05 22:02	SDU	MS-V12	1	BOJ0389		
4-Bromofluorobenzene (Surrogate)	100	%	86 - 115 (LCL - UCL)		EPA-8260	10/11/05	10/11/05 22:02	SDU	MS-V12	1	BOJ0389		

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Project: 0752
Project Number: [none]
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Reported: 10/18/05 09:54

Volatile Organic Analysis (EPA Method 8260)

BCL Sample ID: 0509758-02 | **Client Sample Name:** 0752, MW-4, MW-4, 9/30/2005 7:18:00AM, Melissa

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	10/11/05	10/11/05 22:25	SDU	MS-V12	1	BOJ0389	ND	
Ethylbenzene	ND	ug/L	0.50		EPA-8260	10/11/05	10/11/05 22:25	SDU	MS-V12	1	BOJ0389	ND	
Methyl t-butyl ether	3800	ug/L	25		EPA-8260	10/11/05	10/12/05 16:14	SDU	MS-V12	50	BOJ0389	ND	A01
Toluene	ND	ug/L	0.50		EPA-8260	10/11/05	10/11/05 22:25	SDU	MS-V12	1	BOJ0389	ND	
Total Xylenes	ND	ug/L	1.0		EPA-8260	10/11/05	10/11/05 22:25	SDU	MS-V12	1	BOJ0389	ND	
Ethanol	ND	ug/L	250		EPA-8260	10/11/05	10/11/05 22:25	SDU	MS-V12	1	BOJ0389	ND	
Total Purgeable Petroleum Hydrocarbons	900	ug/L	50		EPA-8260	10/11/05	10/11/05 22:25	SDU	MS-V12	1	BOJ0389	ND	A53
1,2-Dichloroethane-d4 (Surrogate)	99.3	%	76 - 114 (LCL - UCL)		EPA-8260	10/11/05	10/11/05 22:25	SDU	MS-V12	1	BOJ0389		
1,2-Dichloroethane-d4 (Surrogate)	102	%	76 - 114 (LCL - UCL)		EPA-8260	10/11/05	10/12/05 16:14	SDU	MS-V12	50	BOJ0389		
Toluene-d8 (Surrogate)	102	%	88 - 110 (LCL - UCL)		EPA-8260	10/11/05	10/11/05 22:25	SDU	MS-V12	1	BOJ0389		
Toluene-d8 (Surrogate)	103	%	88 - 110 (LCL - UCL)		EPA-8260	10/11/05	10/12/05 16:14	SDU	MS-V12	50	BOJ0389		
4-Bromofluorobenzene (Surrogate)	97.2	%	86 - 115 (LCL - UCL)		EPA-8260	10/11/05	10/12/05 16:14	SDU	MS-V12	50	BOJ0389		
4-Bromofluorobenzene (Surrogate)	98.5	%	86 - 115 (LCL - UCL)		EPA-8260	10/11/05	10/11/05 22:25	SDU	MS-V12	1	BOJ0389		

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Project: 0752
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Project Manager: Anju Farfan

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Volatile Organic Analysis (EPA Method 8260)

BCL Sample ID: 0509758-03 | **Client Sample Name:** 0752, MW-8, MW-8, 9/30/2005 5:37:00AM, Melissa

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	10/11/05	10/11/05 22:47	SDU	MS-V12	1	BOJ0389	ND	
Ethylbenzene	ND	ug/L	0.50		EPA-8260	10/11/05	10/11/05 22:47	SDU	MS-V12	1	BOJ0389	ND	
Methyl t-butyl ether	6900	ug/L	50		EPA-8260	10/11/05	10/12/05 16:59	SDU	MS-V12	100	BOJ0389	ND	A01
Toluene	0.50	ug/L	0.50		EPA-8260	10/11/05	10/11/05 22:47	SDU	MS-V12	1	BOJ0389	ND	
Total Xylenes	ND	ug/L	1.0		EPA-8260	10/11/05	10/11/05 22:47	SDU	MS-V12	1	BOJ0389	ND	
Ethanol	ND	ug/L	250		EPA-8260	10/11/05	10/11/05 22:47	SDU	MS-V12	1	BOJ0389	ND	
Total Purgeable Petroleum Hydrocarbons	1200	ug/L	50		EPA-8260	10/11/05	10/11/05 22:47	SDU	MS-V12	1	BOJ0389	ND	
1,2-Dichloroethane-d4 (Surrogate)	98.1	%	76 - 114 (LCL - UCL)		EPA-8260	10/11/05	10/12/05 16:59	SDU	MS-V12	100	BOJ0389		
1,2-Dichloroethane-d4 (Surrogate)	99.9	%	76 - 114 (LCL - UCL)		EPA-8260	10/11/05	10/11/05 22:47	SDU	MS-V12	1	BOJ0389		
Toluene-d8 (Surrogate)	102	%	88 - 110 (LCL - UCL)		EPA-8260	10/11/05	10/12/05 16:59	SDU	MS-V12	100	BOJ0389		
Toluene-d8 (Surrogate)	102	%	88 - 110 (LCL - UCL)		EPA-8260	10/11/05	10/11/05 22:47	SDU	MS-V12	1	BOJ0389		
4-Bromofluorobenzene (Surrogate)	96.8	%	86 - 115 (LCL - UCL)		EPA-8260	10/11/05	10/12/05 16:59	SDU	MS-V12	100	BOJ0389		
4-Bromofluorobenzene (Surrogate)	101	%	86 - 115 (LCL - UCL)		EPA-8260	10/11/05	10/11/05 22:47	SDU	MS-V12	1	BOJ0389		

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Project: 0752
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Reported: 10/18/05 09:54

Volatile Organic Analysis (EPA Method 8260)

BCL Sample ID: 0509758-04 | **Client Sample Name:** 0752, MW-1, MW-1, 9/30/2005 6:36:00AM, Melissa

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	10/12/05	10/12/05 11:18	SDU	MS-V12	1	BOJ0548	ND	
Ethylbenzene	ND	ug/L	0.50		EPA-8260	10/12/05	10/12/05 11:18	SDU	MS-V12	1	BOJ0548	ND	
Methyl t-butyl ether	160	ug/L	5.0		EPA-8260	10/12/05	10/13/05 14:13	SDU	MS-V12	10	BOJ0548	ND	A01
Toluene	ND	ug/L	0.50		EPA-8260	10/12/05	10/12/05 11:18	SDU	MS-V12	1	BOJ0548	ND	
Total Xylenes	ND	ug/L	1.0		EPA-8260	10/12/05	10/12/05 11:18	SDU	MS-V12	1	BOJ0548	ND	
Ethanol	ND	ug/L	250		EPA-8260	10/12/05	10/12/05 11:18	SDU	MS-V12	1	BOJ0548	ND	
Total Purgeable Petroleum Hydrocarbons	190	ug/L	50		EPA-8260	10/12/05	10/12/05 11:18	SDU	MS-V12	1	BOJ0548	ND	
1,2-Dichloroethane-d4 (Surrogate)	95.3	%	76 - 114 (LCL - UCL)		EPA-8260	10/12/05	10/12/05 11:18	SDU	MS-V12	1	BOJ0548		
1,2-Dichloroethane-d4 (Surrogate)	101	%	76 - 114 (LCL - UCL)		EPA-8260	10/12/05	10/13/05 14:13	SDU	MS-V12	10	BOJ0548		
Toluene-d8 (Surrogate)	102	%	88 - 110 (LCL - UCL)		EPA-8260	10/12/05	10/12/05 11:18	SDU	MS-V12	1	BOJ0548		
Toluene-d8 (Surrogate)	103	%	88 - 110 (LCL - UCL)		EPA-8260	10/12/05	10/13/05 14:13	SDU	MS-V12	10	BOJ0548		
4-Bromofluorobenzene (Surrogate)	104	%	86 - 115 (LCL - UCL)		EPA-8260	10/12/05	10/12/05 11:18	SDU	MS-V12	1	BOJ0548		
4-Bromofluorobenzene (Surrogate)	100	%	86 - 115 (LCL - UCL)		EPA-8260	10/12/05	10/13/05 14:13	SDU	MS-V12	10	BOJ0548		

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Project: 0752
Project Number: [none]
Project Manager: Anju Farfan

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Volatile Organic Analysis (EPA Method 8260)

BCL Sample ID: 0509758-05 | **Client Sample Name:** 0752, MW-6, MW-6, 9/30/2005 6:19:00AM, Melissa

Constituent	Result	Units	PQL	MDL	Method	Prep Date	Run Date/Time	Analyst	Instrument ID	Dilution	QC Batch ID	MB Bias	Lab Quals
Benzene	140	ug/L	25		EPA-8260	10/11/05	10/12/05 16:36	SDU	MS-V12	50	BOJ0389	ND	A01
Ethylbenzene	28	ug/L	0.50		EPA-8260	10/11/05	10/11/05 23:33	SDU	MS-V12	1	BOJ0389	ND	
Methyl t-butyl ether	5800	ug/L	50		EPA-8260	10/11/05	10/13/05 13:50	SDU	MS-V12	100	BOJ0389	ND	A01
Toluene	37	ug/L	0.50		EPA-8260	10/11/05	10/11/05 23:33	SDU	MS-V12	1	BOJ0389	ND	
Total Xylenes	41	ug/L	1.0		EPA-8260	10/11/05	10/11/05 23:33	SDU	MS-V12	1	BOJ0389	ND	
Ethanol	ND	ug/L	250		EPA-8260	10/11/05	10/11/05 23:33	SDU	MS-V12	1	BOJ0389	ND	
Total Purgeable Petroleum Hydrocarbons	4300	ug/L	2500		EPA-8260	10/11/05	10/12/05 16:36	SDU	MS-V12	50	BOJ0389	ND	A01
1,2-Dichloroethane-d4 (Surrogate)	102	%	76 - 114 (LCL - UCL)		EPA-8260	10/11/05	10/12/05 16:36	SDU	MS-V12	50	BOJ0389		
1,2-Dichloroethane-d4 (Surrogate)	98.7	%	76 - 114 (LCL - UCL)		EPA-8260	10/11/05	10/11/05 23:33	SDU	MS-V12	1	BOJ0389		
1,2-Dichloroethane-d4 (Surrogate)	98.2	%	76 - 114 (LCL - UCL)		EPA-8260	10/11/05	10/13/05 13:50	SDU	MS-V12	100	BOJ0389		
Toluene-d8 (Surrogate)	102	%	88 - 110 (LCL - UCL)		EPA-8260	10/11/05	10/13/05 13:50	SDU	MS-V12	100	BOJ0389		
Toluene-d8 (Surrogate)	102	%	88 - 110 (LCL - UCL)		EPA-8260	10/11/05	10/12/05 16:36	SDU	MS-V12	50	BOJ0389		
Toluene-d8 (Surrogate)	102	%	88 - 110 (LCL - UCL)		EPA-8260	10/11/05	10/11/05 23:33	SDU	MS-V12	1	BOJ0389		
4-Bromofluorobenzene (Surrogate)	99.0	%	86 - 115 (LCL - UCL)		EPA-8260	10/11/05	10/12/05 16:36	SDU	MS-V12	50	BOJ0389		
4-Bromofluorobenzene (Surrogate)	100	%	86 - 115 (LCL - UCL)		EPA-8260	10/11/05	10/13/05 13:50	SDU	MS-V12	100	BOJ0389		
4-Bromofluorobenzene (Surrogate)	106	%	86 - 115 (LCL - UCL)		EPA-8260	10/11/05	10/11/05 23:33	SDU	MS-V12	1	BOJ0389		

TRC Alton Geoscience
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Project: 0752
Project Number: [none]
Project Manager: Anju Farfan

Reported: 10/18/05 09:54

Volatile Organic Analysis (EPA Method 8260)

BCL Sample ID: 0509758-06 | **Client Sample Name:** 0752, MW-5, MW-5, 9/30/2005 6:52:00AM, Melissa

Constituent	Result	Units	PQL	MDL	Method	Prep Date	Run Date/Time	Analyst	Instrument ID	Dilution	QC Batch ID	MB Bias	Lab Quals
Benzene	26	ug/L	0.50		EPA-8260	10/12/05	10/12/05 12:04	SDU	MS-V12	1	BOJ0548	ND	
Ethylbenzene	2.4	ug/L	0.50		EPA-8260	10/12/05	10/12/05 12:04	SDU	MS-V12	1	BOJ0548	ND	
Methyl t-butyl ether	38	ug/L	0.50		EPA-8260	10/12/05	10/12/05 12:04	SDU	MS-V12	1	BOJ0548	ND	
Toluene	5.8	ug/L	0.50		EPA-8260	10/12/05	10/12/05 12:04	SDU	MS-V12	1	BOJ0548	ND	
Total Xylenes	9.2	ug/L	1.0		EPA-8260	10/12/05	10/12/05 12:04	SDU	MS-V12	1	BOJ0548	ND	
Ethanol	ND	ug/L	250		EPA-8260	10/12/05	10/12/05 12:04	SDU	MS-V12	1	BOJ0548	ND	
Total Purgeable Petroleum Hydrocarbons	1200	ug/L	50		EPA-8260	10/12/05	10/12/05 12:04	SDU	MS-V12	1	BOJ0548	ND	
1,2-Dichloroethane-d4 (Surrogate)	99.5	%	76 - 114	(LCL - UCL)	EPA-8260	10/12/05	10/12/05 12:04	SDU	MS-V12	1	BOJ0548		
Toluene-d8 (Surrogate)	102	%	88 - 110	(LCL - UCL)	EPA-8260	10/12/05	10/12/05 12:04	SDU	MS-V12	1	BOJ0548		
4-Bromofluorobenzene (Surrogate)	105	%	86 - 115	(LCL - UCL)	EPA-8260	10/12/05	10/12/05 12:04	SDU	MS-V12	1	BOJ0548		

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Project: 0752
Project Number: [none]
Project Manager: Anju Farfan

Reported: 10/18/05 09:54

Volatile Organic Analysis (EPA Method 8260)

BCL Sample ID: 0509758-07 | **Client Sample Name:** 0752, MW-7, MW-7, 9/30/2005 6:03:00AM, Melissa

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	10/12/05	10/12/05 11:41	SDU	MS-V12	1	BOJ0548	ND	
Ethylbenzene	ND	ug/L	0.50		EPA-8260	10/12/05	10/12/05 11:41	SDU	MS-V12	1	BOJ0548	ND	
Methyl t-butyl ether	ND	ug/L	0.50		EPA-8260	10/12/05	10/12/05 11:41	SDU	MS-V12	1	BOJ0548	ND	
Toluene	ND	ug/L	0.50		EPA-8260	10/12/05	10/12/05 11:41	SDU	MS-V12	1	BOJ0548	ND	
Total Xylenes	ND	ug/L	1.0		EPA-8260	10/12/05	10/12/05 11:41	SDU	MS-V12	1	BOJ0548	ND	
Ethanol	ND	ug/L	250		EPA-8260	10/12/05	10/12/05 11:41	SDU	MS-V12	1	BOJ0548	ND	
Total Purgeable Petroleum Hydrocarbons	ND	ug/L	50		EPA-8260	10/12/05	10/12/05 11:41	SDU	MS-V12	1	BOJ0548	ND	
1,2-Dichloroethane-d4 (Surrogate)	95.2	%	76 - 114	(LCL - UCL)	EPA-8260	10/12/05	10/12/05 11:41	SDU	MS-V12	1	BOJ0548		
Toluene-d8 (Surrogate)	103	%	88 - 110	(LCL - UCL)	EPA-8260	10/12/05	10/12/05 11:41	SDU	MS-V12	1	BOJ0548		
4-Bromofluorobenzene (Surrogate)	96.3	%	86 - 115	(LCL - UCL)	EPA-8260	10/12/05	10/12/05 11:41	SDU	MS-V12	1	BOJ0548		

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Project: 0752
Project Number: [none]
Project Manager: Anju Farfan

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Volatile Organic Analysis (EPA Method 8260)

BCL Sample ID: 0509758-08 | **Client Sample Name:** 0752, MW-3, MW-3, 9/30/2005 7:29:00AM, Melissa

Constituent	Result	Units	PQL	MDL	Method	Prep Date	Run Date/Time	Analyst	Instrument ID	Dilution	QC Batch ID	MB Bias	Lab Quals
Benzene	360	ug/L	25		EPA-8260	10/11/05	10/12/05 04:27	SDU	MS-V12	50	BOJ0389	ND	A01
Ethylbenzene	ND	ug/L	25		EPA-8260	10/11/05	10/12/05 04:27	SDU	MS-V12	50	BOJ0389	ND	A01
Methyl t-butyl ether	20000	ug/L	250		EPA-8260	10/11/05	10/12/05 17:22	SDU	MS-V12	500	BOJ0389	ND	A01
Toluene	40	ug/L	25		EPA-8260	10/11/05	10/12/05 04:27	SDU	MS-V12	50	BOJ0389	ND	A01
Total Xylenes	50	ug/L	50		EPA-8260	10/11/05	10/12/05 04:27	SDU	MS-V12	50	BOJ0389	ND	A01
Ethanol	ND	ug/L	12000		EPA-8260	10/11/05	10/12/05 04:27	SDU	MS-V12	50	BOJ0389	ND	A01
Total Purgeable Petroleum Hydrocarbons	12000	ug/L	2500		EPA-8260	10/11/05	10/12/05 04:27	SDU	MS-V12	50	BOJ0389	ND	A01
1,2-Dichloroethane-d4 (Surrogate)	96.5	%	76 - 114 (LCL - UCL)		EPA-8260	10/11/05	10/12/05 04:27	SDU	MS-V12	50	BOJ0389		
1,2-Dichloroethane-d4 (Surrogate)	99.5	%	76 - 114 (LCL - UCL)		EPA-8260	10/11/05	10/12/05 17:22	SDU	MS-V12	500	BOJ0389		
Toluene-d8 (Surrogate)	102	%	88 - 110 (LCL - UCL)		EPA-8260	10/11/05	10/12/05 04:27	SDU	MS-V12	50	BOJ0389		
Toluene-d8 (Surrogate)	102	%	88 - 110 (LCL - UCL)		EPA-8260	10/11/05	10/12/05 17:22	SDU	MS-V12	500	BOJ0389		
4-Bromofluorobenzene (Surrogate)	100	%	86 - 115 (LCL - UCL)		EPA-8260	10/11/05	10/12/05 04:27	SDU	MS-V12	50	BOJ0389		
4-Bromofluorobenzene (Surrogate)	97.4	%	86 - 115 (LCL - UCL)		EPA-8260	10/11/05	10/12/05 17:22	SDU	MS-V12	500	BOJ0389		

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

Project: 0752
Project Number: [none]
Project Manager: Anju Farfan

Reported: 10/18/05 09:54

Volatile Organic Analysis (EPA Method 8260)

Quality Control Report - Precision & Accuracy

Constituent	Batch ID	QC Sample ID	QC Sample Type	Source Result	Result	Spike Added	Units	RPD	Percent Recovery	Control Limits RPD	Control Limits Percent Recovery	Lab Quals
Benzene	BOJ0389	BOJ0389-MS1	Matrix Spike	ND	24.160	25.000	ug/L		96.6		70 - 130	
		BOJ0389-MSD1	Matrix Spike Duplicate	ND	24.240	25.000	ug/L	0.413	97.0	20	70 - 130	
Toluene	BOJ0389	BOJ0389-MS1	Matrix Spike	ND	24.860	25.000	ug/L		99.4		70 - 130	
		BOJ0389-MSD1	Matrix Spike Duplicate	ND	24.410	25.000	ug/L	1.83	97.6	20	70 - 130	
1,2-Dichloroethane-d4 (Surrogate)	BOJ0389	BOJ0389-MS1	Matrix Spike	ND	9.8600	10.000	ug/L		98.6		76 - 114	
		BOJ0389-MSD1	Matrix Spike Duplicate	ND	10.400	10.000	ug/L		104		76 - 114	
Toluene-d8 (Surrogate)	BOJ0389	BOJ0389-MS1	Matrix Spike	ND	10.090	10.000	ug/L		101		88 - 110	
		BOJ0389-MSD1	Matrix Spike Duplicate	ND	10.120	10.000	ug/L		101		88 - 110	
4-Bromofluorobenzene (Surrogate)	BOJ0389	BOJ0389-MS1	Matrix Spike	ND	10.180	10.000	ug/L		102		86 - 115	
		BOJ0389-MSD1	Matrix Spike Duplicate	ND	10.380	10.000	ug/L		104		86 - 115	
Benzene	BOJ0548	BOJ0548-MS1	Matrix Spike	ND	24.380	25.000	ug/L		97.5		70 - 130	
		BOJ0548-MSD1	Matrix Spike Duplicate	ND	24.080	25.000	ug/L	1.24	96.3	20	70 - 130	
Toluene	BOJ0548	BOJ0548-MS1	Matrix Spike	ND	24.620	25.000	ug/L		98.5		70 - 130	
		BOJ0548-MSD1	Matrix Spike Duplicate	ND	24.490	25.000	ug/L	0.509	98.0	20	70 - 130	
1,2-Dichloroethane-d4 (Surrogate)	BOJ0548	BOJ0548-MS1	Matrix Spike	ND	9.8400	10.000	ug/L		98.4		76 - 114	
		BOJ0548-MSD1	Matrix Spike Duplicate	ND	10.300	10.000	ug/L		103		76 - 114	
Toluene-d8 (Surrogate)	BOJ0548	BOJ0548-MS1	Matrix Spike	ND	10.220	10.000	ug/L		102		88 - 110	
		BOJ0548-MSD1	Matrix Spike Duplicate	ND	10.240	10.000	ug/L		102		88 - 110	
4-Bromofluorobenzene (Surrogate)	BOJ0548	BOJ0548-MS1	Matrix Spike	ND	10.160	10.000	ug/L		102		86 - 115	
		BOJ0548-MSD1	Matrix Spike Duplicate	ND	10.170	10.000	ug/L		102		86 - 115	

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

Project: 0752
Project Number: [none]
Project Manager: Anju Farfan

Reported: 10/18/05 09:54

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	BOJ0389	BOJ0389-BS1	LCS	25.140	25.000	1.0	ug/L	101		70 - 130		
Toluene	BOJ0389	BOJ0389-BS1	LCS	26.400	25.000	1.0	ug/L	106		70 - 130		
1,2-Dichloroethane-d4 (Surrogate)	BOJ0389	BOJ0389-BS1	LCS	9.6900	10.000		ug/L	96.9		76 - 114		
Toluene-d8 (Surrogate)	BOJ0389	BOJ0389-BS1	LCS	10.110	10.000		ug/L	101		88 - 110		
4-Bromofluorobenzene (Surrogate)	BOJ0389	BOJ0389-BS1	LCS	10.280	10.000		ug/L	103		86 - 115		
Benzene	BOJ0548	BOJ0548-BS1	LCS	23.420	25.000	0.50	ug/L	93.7		70 - 130		
Toluene	BOJ0548	BOJ0548-BS1	LCS	24.290	25.000	0.50	ug/L	97.2		70 - 130		
1,2-Dichloroethane-d4 (Surrogate)	BOJ0548	BOJ0548-BS1	LCS	9.9400	10.000		ug/L	99.4		76 - 114		
Toluene-d8 (Surrogate)	BOJ0548	BOJ0548-BS1	LCS	10.270	10.000		ug/L	103		88 - 110		
4-Bromofluorobenzene (Surrogate)	BOJ0548	BOJ0548-BS1	LCS	10.050	10.000		ug/L	100		86 - 115		

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21 Technology Drive
Irvine CA, 92618-2302

Project: 0752
Project Number: [none]
Project Manager: Anju Farfan

Reported: 10/18/05 09:54

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	BOJ0389	BOJ0389-BLK1	ND	ug/L	1.0	0.12	
Ethylbenzene	BOJ0389	BOJ0389-BLK1	ND	ug/L	1.0	0.13	
Methyl t-butyl ether	BOJ0389	BOJ0389-BLK1	ND	ug/L	2.0	0.15	
Toluene	BOJ0389	BOJ0389-BLK1	ND	ug/L	1.0	0.15	
Total Xylenes	BOJ0389	BOJ0389-BLK1	ND	ug/L	1.0	0.40	
Ethanol	BOJ0389	BOJ0389-BLK1	ND	ug/L	1000	110	
Total Purgeable Petroleum Hydrocarbons	BOJ0389	BOJ0389-BLK1	ND	ug/L	50	23	
1,2-Dichloroethane-d4 (Surrogate)	BOJ0389	BOJ0389-BLK1	97.8	%	76 - 114 (LCL - UCL)		
Toluene-d8 (Surrogate)	BOJ0389	BOJ0389-BLK1	102	%	88 - 110 (LCL - UCL)		
4-Bromofluorobenzene (Surrogate)	BOJ0389	BOJ0389-BLK1	98.5	%	86 - 115 (LCL - UCL)		
Benzene	BOJ0548	BOJ0548-BLK1	ND	ug/L	0.50	0.12	
Ethylbenzene	BOJ0548	BOJ0548-BLK1	ND	ug/L	0.50	0.13	
Methyl t-butyl ether	BOJ0548	BOJ0548-BLK1	ND	ug/L	0.50	0.15	
Toluene	BOJ0548	BOJ0548-BLK1	ND	ug/L	0.50	0.15	
Total Xylenes	BOJ0548	BOJ0548-BLK1	ND	ug/L	1.0	0.40	
Ethanol	BOJ0548	BOJ0548-BLK1	ND	ug/L	1000	110	
Total Purgeable Petroleum Hydrocarbons	BOJ0548	BOJ0548-BLK1	ND	ug/L	50	23	
1,2-Dichloroethane-d4 (Surrogate)	BOJ0548	BOJ0548-BLK1	101	%	76 - 114 (LCL - UCL)		
Toluene-d8 (Surrogate)	BOJ0548	BOJ0548-BLK1	100	%	88 - 110 (LCL - UCL)		
4-Bromofluorobenzene (Surrogate)	BOJ0548	BOJ0548-BLK1	96.8	%	86 - 115 (LCL - UCL)		

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

Project: 0752
Project Number: [none]
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Reported: 10/18/05 09:54

Notes and Definitions

J	Estimated value
A53	Chromatogram not typical of gasoline.
A01	PQL's and MDL's are raised due to sample dilution.
ND	Analyte NOT DETECTED at or above the reporting limit
dry	Sample results reported on a dry weight basis
RPD	Relative Percent Difference

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

Submission #: 05-9758 | 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 .97 Date/Time 9/30 2030
Temperature: 2.1 °C Container VOA
Thermometer ID: 48 Analyst Init ARM

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	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:

Sample Numbering Completed By: ARM Date/Time: 9/30 2350

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

CHK BY | DISTRIBUTION | SUB-OUT □

CHAIN OF CUSTODY

#05-9758

Circle one: Phillips 66 / Unocal
Address: 800 Harrison St.
City: Oakland
State: CA | Zip:
Phillips 66 /Unocal Mgr: Thomas Rosel

Consultant Firm: TRC
21 Techology Drive
Irvine, CA 92618-2302
Attn: Anju Farfan
4-digit site#: 0752
Workorder # 1086TRCS01
Project #: 41050001
Sampler Name: Melissa

Analysis Requested

Lab#	Sample Description	Field Point Name	Date & Time Sampled		MATRIX (GW) Ground-water (S) Soil (WW) Waste-water (SL) Sludge	BTEX/MTBE by 8021B, Gas by 8015	TPH GAS by 8015M	TPH DIESEL by 8015	8260 full list w/ MTBE & oxygenates	BTEX/MTBE/OXYS BY 8260B	ETHANOL by 8260B	TPPH by 8260B	BTEX/MTBE/Ethanol by 8260B		Turnaround Time Requested
-1	MW-2	3 voas Na/HCL	09/30	0704	GW							X	X		std
-2	MW-4	↓	↓	0718	↓							↓	↓		↓
-3	MW-8	↓	↓	0537	↓							↓	↓		↓
-4	MW-1	↓	↓	0636	↓							↓	↓		↓
-5	MW-6	↓	↓	0619	↓							↓	↓		↓
-6	MW-5	↓	↓	0652	↓							↓	↓		↓
-7	MW-7	↓	↓	0603	↓							↓	↓		↓
-8	MW-3	↓	↓	0729	↓							↓	↓		↓

Comments:	Relinquished by: (Signature)	Received by	Date & Time
	[signature]	Refrigerator	09-30-05 @ 0945
GLOBAL ID:	Relinquished by: (Signature) [signature]	Received by: Ross Dickey	Date & Time: 9-30-05 1120
T0600101486	Relinquished by: (Signature) Ross Dickey	Received by: [signature]	Date & Time: 9-30-05 1530

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

REL [signature] 9-30-05 2030 [signature] 9/30 2030

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 P rocedures - 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 warr anty, 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.