RO499

Delta Environmental Consultants, Inc.

Solving environment-related business problems worldwide

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January 31, 2006

Mr. Don Hwang
Alameda County Environmental Health Services
1131 Harbor Bay Parkway, Suite 250
Alameda, CA 94502-6577

RE: **Semi-Annual Summary Report – April 2005 Through September 2005**
Delta Project Number: C1Q-5367-021

Dear Mr. Hwang:

Delta Environmental Consultants, Inc. (Delta) is submitting this Semi-Annual Summary Report – April 2005 Through September 2005, and forwarding TRC's *Semi-Annual Monitoring Report – April 2005 Through September 2005*, dated October 3, 2005, for the following location.

Service Station	Location
76 Service Station No. 5367	500 Bancroft Ave. San Leandro, California

Sincerely,
Delta Environmental Consultants, Inc.

REGISTERED GEOLOGIST
DANIEL J. DAVIS
No. 6435
STATE OF CALIFORNIA

Daniel J. Davis, R.G.
Senior Project Manager

Enclosure

cc: Shelby Lathrop, ConocoPhillips (electronic copy)

ConocoPhillips

76 Broadway
Sacramento, California 95818

January 17, 2006

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

Re: **Report Transmittal**
Semi-Annual Summary Report – April 2005 Through September 2005
76 Service Station #5367
500 Bancroft Avenue
San Leandro, 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

SEMI-ANNUAL SUMMARY REPORT
April 2005 Through September 2005
76 Service Station No. 5367
500 Bancroft Avenue
San Leandro, California

PREVIOUS ASSESSMENT

In 1987 the underground storage tanks (USTs) and their associated piping were replaced. In conjunction with the removal of the USTs and piping, more than 250 cubic yards of contaminated soil was also removed. The limited environmental investigation in 1987 included the drilling of one borehole and the construction of onsite groundwater monitoring well MW-1. This investigation revealed that floating gasoline product was present on the groundwater beneath the site. Approximately one-quarter inch of clear gasoline product was measured at the time of completion of the monitoring well. Approximately 120 pounds of free product was removed by bailing. The results of this activity are documented in a report titled *Subsurface Environmental Investigation Report* prepared by Applied Geosystems dated December 16, 1987.

During September and October, 1988 additional assessment was performed. This investigation included drilling and installing three additional onsite groundwater monitoring wells, MW-2 through MW-4. The investigation showed that soil contamination appears limited to a zone west and south of the tank pit between depths 30 and 36 feet below ground surface (bgs). The results of this investigation are documented in a report titled *Subsurface Environmental Investigation Report* prepared by Applied Geosystems dated November 18, 1988.

In February 1990 four additional groundwater monitoring wells, MW-5 through MW-8, were installed. Monitor well MW-5 was installed onsite, and wells MW-6 through MW-8 were installed offsite. The results of this and previous investigations show the presence of petroleum hydrocarbons beneath the site and offsite toward the southwest, i.e., toward monitor well MW-8. Hydrocarbons in the soil and groundwater have been delineated east of the USTs and west of the site. Additional work may be needed to delineate hydrocarbons in groundwater north, southwest and south of the site. The results of this investigation are documented in a report titled *Supplemental Subsurface Investigation* prepared by Applied Geosystems dated August 10, 1990.

Between mid-1994 and mid-1995 two additional monitoring wells, MW-9 and MW-10, were installed west and south of the site, respectively, and added to the monitoring and sampling program.

Between March 1996 and March 1997, soil vapor extraction (SVE) and groundwater extraction systems operated at the site. During this time the systems processed 637,151 gallons of water. An estimated 180 pounds of total petroleum hydrocarbons as gasoline (TPH-G) was removed by the SVE system and 108 pounds of TPH-G was removed by the groundwater extraction system.

In November of 1998 the product piping was replaced and approximately 30 cubic yards of soil was removed. Spill containment sumps and electronic leak detection was also

installed at this time. This activity is documented in a report titled *Product Piping Removal Activities* prepared by Pacific Environmental Group (PEG) dated December 2, 1998.

SENSITIVE RECEPTOR SURVEY

A record search completed in 1990 indicated at least 15 wells are within a one-half mile radius of the site. Five of the wells are downgradient and within approximately 600 feet of the site. One well is used for irrigation, one is abandoned, and records of the status of the other wells were not available at the time of the record search. No municipal wells were identified within a one-half mile radius of the site. The nearest water-supply wells are located approximately 400 feet southwest of the site. This information is documented in a report titled *Supplemental Subsurface Investigation* prepared by Applied Geosystems dated August 10, 1990.

MONITORING AND SAMPLING

Currently there are ten monitoring wells, five onsite and five offsite, in the monitoring and sampling program. The site has been monitored and sampled semi-annually since March 1996. Between 1991 and 1996, the sampling interval was primarily quarterly.

REMEDIATION STATUS

In 1987, as part of a UST and associated piping replacement, more than 250 cubic yards of impacted soil was removed.

Between March 1996 and March 1997 a soil vapor extraction (SVE) system and a groundwater extraction system operated at the site. During this time, the systems processed 637,151 gallons of water. An estimated 180 pounds of TPH-G was removed by the SVE system and 108 pounds of TPH-G was removed by the groundwater extraction system.

In November 1998, during the replacement of product piping, approximately 30 cubic yards of soil was over-excavated and removed from the site.

CHARACTERIZATION STATUS

The extent of hydrocarbon impact in soils beneath the site has been assessed. Residual hydrocarbon contamination appears to be limited to the west and south of the tank pit, in the zone between 30 and 36 feet bgs. The extent of hydrocarbons in groundwater is well delineated. The residual dissolved hydrocarbon plume beneath the site is stable and has declined significantly since 1993.

April 2005 Through September 2005

Each of the ten monitor wells was monitored and sampled on September 12, 2005.

The average groundwater elevation decreased 4.46 feet from the March 2005 event. Depth to groundwater ranged from 26.73 feet (MW-9) to 29.43 feet (MW-10) below top of

casing (TOC). The groundwater gradient decreased to 0.01 ft/ft from 0.03 ft/ft in March 2005 and the groundwater flow direction remained to the west.

Petroleum Hydrocarbon Concentrations

The TPHH concentrations remained relatively consistent with historical concentrations, the highest concentration of 15,000 micrograms per liter (ug/l) being reported in the sample from monitor well MW-1; the TPHH concentrations in MW-1 continue to slowly decline. In groundwater samples from the other monitor wells reporting TPPH present, the concentrations are also steadily declining.

Benzene was present in the groundwater sample from MW-1 at a concentration of 13 µg/l, showing little change compared to the 15 ug/l reported in the sample collected in March 2005. Each of the other sampled wells reported less than the method detection limit of 0.50 µg/l for benzene. The benzene concentrations in the groundwater at the site are steadily declining.

A concentration of 0.93 ug/l and 1.2 ug/l MTBE was reported in the groundwater samples from monitor wells MW-1 and MW-3, respectively. MTBE was not detected in samples from the other wells above the method detection limit of 0.50 ug/l.

RECENT CORRESPONDENCE

No regulatory correspondence was sent or received in the period April 2005 to September 2005.

CURRENT SEMI-ANNUAL ACTIVITIES (April 2005 through September 2005)

1. TRC conducted semi-annual monitoring and sampling on September 12, 2005.
2. TRC prepared and submitted *Semi-Annual Monitoring Report, April through September 2005* dated October 3, 2005.

NEXT SEMI-ANNUAL ACTIVITIES (October 2005 through March 2006)

1. TRC will conduct the semi-annual monitoring and sampling.

CONSULTANT: Delta Environmental Consultants, Inc.

TRC

Customer-Focused Solutions

OCT 18 2005

October 7, 2005

ConocoPhillips Company
76 Broadway Avenue
Sacramento, CA 95818

ATTN: MR. THOMAS H. KOSEL

SITE: 76 STATION 5367
500 BANCROFT AVENUE
SAN LEANDRO, CALIFORNIA

RE: SEMI-ANNUAL MONITORING REPORT
APRIL 2005 THROUGH SEPTEMBER 2005

Dear Mr. Kosel:

Please find enclosed our Semi-Annual Monitoring Report for 76 Station 5367, located at 500 Bancroft Avenue, San Leandro, California. If you have any questions regarding this report, please call us at (949) 753-0101.

Sincerely,

TRC

Anju Farfan
QMS Operations Manager

CC: Jan Wagoner, Delta Environmental Inc. (3 copies)

Enclosures
20-0400/5367RO5.QMS

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

TRC

Customer-Focused Solutions

SEMI-ANNUAL MONITORING REPORT
APRIL 2005 THROUGH SEPTEMBER 2005

76 STATION 5367
500 Bancroft Avenue
San Leandro, California

Prepared For:

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

By:

Senior Project Geologist, Irvine Operations
October 3, 2005

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

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

Summary of Gauging and Sampling Activities
April 2005 through September 2005
76 Station 5367
500 Bancroft Avenue
San Leandro, CA

Project Coordinator: **Thomas Kosel**
Telephone: **916-558-7666**
Water Sampling Contractor: ***TRC***
Compiled by: **Travis Wooldridge**
Date(s) of Gauging/Sampling Event: **09/12/05**

Sample Points

Groundwater wells: **5** onsite, **5** offsite Wells gauged: **10** Wells sampled: **10**
Purging method: **Submersible 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: **26.73 feet** Maximum: **29.43 feet**
Average groundwater elevation (relative to available local datum): **29.81 feet**
Average change in groundwater elevation since previous event: **-4.46 feet**
Interpreted groundwater gradient and flow direction:
Current event: **0.01 ft/ft, west**
Previous event: **0.03 ft/ft, west (03/29/05)**

Selected Laboratory Results

Wells with detected **Benzene:** **1** Wells above MCL (1.0 µg/l): **1**
Maximum reported benzene concentration: **13 µg/l (MW-1)**

Wells with **TPPH 8260B** **3** Maximum: **15,000 µg/l (MW-1)**
Wells with **MTBE** **2** Maximum: **1.2 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 resurvey.

REFERENCE

TRC began groundwater monitoring and sampling for 76 Station 5367 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 12, 2005

76 Station 5367

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: 10.0-35.0)**												
09/12/05	57.83	28.13	0.00	29.70	-4.75	--	15000	13	1.3	1100	110	--	0.93	
MW-2		**(Screen Interval in feet: 28.0-48.0)**												
09/12/05	58.13	27.98	0.00	30.15	-4.73	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<0.50	
MW-3		**(Screen Interval in feet: 23.0-48.0)**												
09/12/05	57.92	27.63	0.00	30.29	-4.83	--	160	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	1.2	
MW-4		**(Screen Interval in feet: 23.0-48.0)**												
09/12/05	58.29	28.21	0.00	30.08	-4.28	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<0.50	
MW-5		**(Screen Interval in feet: 25.0-45.0)**												
09/12/05	58.50	28.59	0.00	29.91	-4.65	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<0.50	
MW-6		**(Screen Interval in feet: 25.0-45-0)**												
09/12/05	56.96	27.41	0.00	29.55	-1.75	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<0.50	
MW-7		**(Screen Interval in feet: 24.0-44.0)**												
09/12/05	57.25	27.71	0.00	29.54	-4.71	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<0.50	
MW-8		**(Screen Interval in feet: 24.0-44.0)**												
09/12/05	57.71	28.07	0.00	29.64	-4.77	--	160	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<0.50	
MW-9		**(Screen Interval in feet: 20.0-45.0)**												
09/12/05	56.47	26.73	0.00	29.74	-4.81	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<0.50	
MW-10		**(Screen Interval in feet: 20.0-45.0)**												
09/12/05	58.94	29.43	0.00	29.51	-5.32	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<0.50	

Table 2

HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS

September 1987 Through September 2005

76 Station 5367

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: 10.0-35.0)**													
09/23/87	57.83	33.40	0.00	24.43	--	--	--	--	--	--	--	--	--	
09/24/87	57.83	33.24	0.01	24.60	0.17	--	--	--	--	--	--	--	--	
10/06/87	57.83	33.39	0.01	24.45	-0.15	--	--	--	--	--	--	--	--	
11/05/87	57.83	34.14	0.31	23.92	-0.52	--	--	--	--	--	--	--	--	
11/13/87	57.83	34.15	0.38	23.97	0.04	--	--	--	--	--	--	--	--	
11/19/87	57.83	33.89	0.06	23.99	0.02	--	--	--	--	--	--	--	--	
04/27/88	57.83	32.40	0.01	25.44	1.45	--	--	--	--	--	--	--	--	
09/07/88	57.83	--	--	--	--	--	--	--	--	--	--	--	--	Dry well
10/03/88	57.83	--	--	--	--	--	--	--	--	--	--	--	--	Dry well
01/27/89	57.83	--	--	--	--	--	--	--	--	--	--	--	--	Dry well
02/16/90	57.83	--	--	--	--	--	--	--	--	--	--	--	--	Dry well
07/19/90	57.83	--	--	--	--	--	--	--	--	--	--	--	--	Dry well
08/24/90	57.83	--	--	--	--	--	--	--	--	--	--	--	--	Dry well
11/30/90	57.83	--	--	--	--	--	--	--	--	--	--	--	--	Dry well
02/06/91	57.83	--	--	--	--	--	--	--	--	--	--	--	--	Dry well
05/06/91	57.83	33.00	0.00	24.83	--	--	--	--	--	--	--	--	--	
09/27/91	57.83	--	--	--	--	--	--	--	--	--	--	--	--	Dry well
03/31/92	57.83	31.00	0.00	26.83	--	330000	--	8200	33000	6800	36000	--	--	
06/18/92	57.83	32.76	0.00	25.07	-1.76	680000	--	9000	40000	7600	44000	--	--	
10/16/92	57.83	--	--	--	--	--	--	--	--	--	--	--	--	Dry well
11/18/92	57.83	--	--	--	--	--	--	--	--	--	--	--	--	Dry well
03/03/93	57.83	26.03	0.00	31.80	--	330000	--	3800	21000	4200	24000	--	--	
06/25/93	57.83	28.36	0.00	29.47	-2.33	160000	--	4300	36000	5800	34000	--	--	
09/03/93	57.83	30.80	0.00	27.03	-2.44	160000	--	3900	41000	6800	38000	--	--	

Table 2

HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS

September 1987 Through September 2005

76 Station 5367

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														
12/13/93	57.83	32.73	0.00	25.10	-1.93	140000	--	3600	37000	7100	40000	--	--	
03/18/94	57.83	30.10	0.00	27.73	2.63	99000	--	3800	37000	6800	36000	--	--	
06/23/94	57.83	31.32	0.00	26.51	-1.22	150000	--	2500	33000	6400	37000	--	--	
09/21/94	57.83	33.21	0.00	24.62	-1.89	110000	--	2500	23000	4500	25000	--	--	
12/19/94	57.83	30.97	0.00	26.86	2.24	200000	--	2400	28000	6600	37000	--	--	
03/27/95	57.83	22.77	0.00	35.06	8.20	88000	--	1500	20000	4200	25000	--	--	
06/26/95	57.83	25.69	0.00	32.14	-2.92	130000	--	1000	23000	5600	33000	--	--	
07/28/95	57.83	26.97	0.00	30.86	-1.28	--	--	--	--	--	--	--	--	
09/28/95	57.83	29.55	0.00	28.28	-2.58	100000	--	810	21000	6500	37000	--	--	
10/24/95	57.83	29.99	0.00	27.84	-0.44	--	--	--	--	--	--	--	--	
12/29/95	57.83	30.40	0.00	27.43	-0.41	110000	--	990	22000	8300	47000	--	--	
03/27/96	57.83	22.29	0.00	35.54	8.11	120000	--	920	17000	7100	41000	180	180	
09/21/96	57.83	29.44	0.00	28.39	-7.15	110000	--	270	3500	5900	16000	260	260	
03/31/97	57.83	24.18	0.00	33.65	5.26	82000	--	240	8700	3800	23000	ND	--	
09/27/97	57.83	31.86	0.00	25.97	-7.68	81000	--	ND	1000	5900	31000	ND	--	
03/20/98	57.83	16.88	0.00	40.95	14.98	52000	--	ND	350	2900	14000	ND	--	
09/09/98	57.83	26.21	0.00	31.62	-9.33	59000	--	51	64	6000	4800	ND	--	
03/11/99	57.83	23.60	0.00	34.23	2.61	60000	--	130	ND	2900	12000	ND	--	
09/08/99	57.83	28.70	0.00	29.13	-5.10	74000	--	ND	ND	2600	10000	ND	--	
03/24/00	57.83	21.61	0.00	36.22	7.09	37000	--	ND	ND	1980	6880	ND	--	
09/15/00	57.83	28.19	0.00	29.64	-6.58	45800	--	ND	ND	3150	10500	ND	--	
03/16/01	57.83	25.59	0.00	32.24	2.60	37500	--	76.2	16.6	2010	7330	ND	--	
08/31/01	57.83	29.03	0.00	28.80	-3.44	62000	--	79	ND<50	3000	13000	ND<250	--	
03/15/02	57.83	25.58	0.00	32.25	3.45	26000	--	43	22	2400	10000	ND<100	--	

Table 2

HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS

September 1987 Through September 2005

76 Station 5367

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														
09/26/02	57.83	29.51	0.00	28.32	-3.93	--	56000	31	ND<25	2500	11000	--	ND<100	
03/16/03	57.83	26.71	0.00	31.12	2.80	--	43000	ND<250	ND<250	2200	6800	--	ND<1000	
09/03/03	57.83	29.54	0.00	28.29	-2.83	--	55000	ND<50	ND<50	2200	4200	--	ND<200	
03/11/04	57.83	25.57	0.00	32.26	3.97	--	23000	10	ND<5.0	1100	2100	--	ND<20	
09/24/04	57.83	31.20	0.00	26.63	-5.63	--	29000	15	ND<10	1900	1100	--	ND<10	
03/29/05	57.83	23.38	0.00	34.45	7.82	--	26000	15	ND<10	990	260	--	ND<10	
09/12/05	57.83	28.13	0.00	29.70	-4.75	--	15000	13	1.3	1100	110	--	0.93	
MW-2	**(Screen Interval in feet: 28.0-48.0)**													
10/03/88	58.13	36.04	0.00	22.09	--	1760	--	47.8	7.4	20.9	81.6	--	--	
01/27/89	58.13	34.77	0.00	23.36	1.27	510	--	58	8.7	22.6	20.3	--	--	
02/16/90	58.13	34.50	0.00	23.63	0.27	840	--	50	0.5	28	44	--	--	
05/01/90	58.13	--	--	--	--	1000	--	39	ND	32	52	--	--	
07/19/90	58.13	35.72	0.00	22.41	--	--	--	--	--	--	--	--	--	
08/24/90	58.13	36.30	0.00	21.83	-0.58	330	--	17	ND	19	20	--	--	
11/30/90	58.13	37.40	0.00	20.73	-1.10	400	--	41	ND	39	37	--	--	
02/07/91	58.13	37.27	0.00	20.86	0.13	510	--	40	ND	29	44	--	--	
05/06/91	58.13	33.31	0.00	24.82	3.96	2300	--	150	10	52	110	--	--	
09/27/91	58.13	36.86	0.00	21.27	-3.55	110	--	2.6	ND	5.6	5.1	--	--	
12/27/91	58.13	37.66	0.00	20.47	-0.80	170	--	3.9	ND	7.3	60	--	--	
03/31/92	58.13	37.66	0.00	20.47	0.00	--	--	--	--	--	--	--	--	
06/18/92	58.13	31.27	0.00	26.86	6.39	1200	--	35	1.6	56	26	--	--	
09/30/92	58.13	--	--	--	--	820	--	21	ND	42	25	--	--	
10/16/92	58.13	35.87	0.00	22.26	--	--	--	--	--	--	--	--	--	
11/18/92	58.13	36.24	0.00	21.89	-0.37	65	--	1.2	ND	2.8	1.4	--	--	

Table 2

HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS

September 1987 Through September 2005

76 Station 5367

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														
03/03/93	58.13	26.30	0.00	31.83	9.94	4200	--	62	2.9	97	120	--	--	
06/25/93	58.13	28.40	0.00	29.73	-2.10	4000	--	110	ND	320	280	--	--	
09/03/93	58.13	31.10	0.00	27.03	-2.70	1400	--	31	4.3	99	53	--	--	
12/13/93	58.13	33.03	0.00	25.10	-1.93	260	--	7.7	0.83	17	23	--	--	
03/18/94	58.13	30.34	0.00	27.79	2.69	250	--	6.4	0.64	28	24	--	--	
06/23/94	58.13	31.63	0.00	26.50	-1.29	420	--	3.9	0.66	23	11	--	--	
09/21/94	58.13	33.52	0.00	24.61	-1.89	ND	--	ND	ND	ND	ND	--	--	
12/19/94	58.13	31.26	0.00	26.87	2.26	190	--	1.9	ND	15	6.8	--	--	
03/27/95	58.13	23.02	0.00	35.11	8.24	ND	--	ND	0.55	1.2	2.5	--	--	
06/26/95	58.13	25.98	0.00	32.15	-2.96	ND	--	ND	0.93	0.88	3.4	--	--	
07/28/95	58.13	27.26	0.00	30.87	-1.28	--	--	--	--	--	--	--	--	
09/28/95	58.13	29.77	0.00	28.36	-2.51	730	--	2.9	--	41	29	--	--	
10/24/95	58.13	30.56	0.00	27.57	-0.79	--	--	--	--	--	--	--	--	
12/29/95	58.13	30.25	0.00	27.88	0.31	860	--	4.3	1	27	50	--	--	
03/27/96	58.13	22.30	0.00	35.83	7.95	--	--	--	--	--	--	--	--	Connected to system
09/21/96	58.13	29.47	0.00	28.66	-7.17	--	--	--	--	--	--	--	--	Connected to system
03/31/97	58.13	24.20	0.00	33.93	5.27	ND	--	ND	ND	ND	ND	ND	--	
09/27/97	58.13	31.07	0.00	27.06	-6.87	ND	--	ND	ND	ND	ND	ND	--	
03/20/98	58.13	16.73	0.00	41.40	14.34	ND	--	ND	ND	ND	ND	ND	--	
09/09/98	58.13	26.03	0.00	32.10	-9.30	ND	--	ND	0.54	ND	0.57	ND	--	
03/11/99	58.13	23.46	0.00	34.67	2.57	ND	--	ND	0.59	ND	1.1	ND	--	
09/08/99	58.13	28.53	0.00	29.60	-5.07	ND	--	ND	ND	ND	ND	ND	--	
03/24/00	58.13	21.45	0.00	36.68	7.08	ND	--	ND	ND	ND	ND	ND	--	
09/15/00	58.13	28.02	0.00	30.11	-6.57	ND	--	ND	ND	ND	ND	ND	--	

Table 2

HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS

September 1987 Through September 2005

76 Station 5367

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														
03/16/01	58.13	25.41	0.00	32.72	2.61	ND	--	ND	ND	ND	ND	ND	--	
08/31/01	58.13	28.74	0.00	29.39	-3.33	ND<50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<2.50	--	
03/15/02	58.13	25.45	0.00	32.68	3.29	ND<50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<2.50	--	
09/26/02	58.13	29.36	0.00	28.77	-3.91	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<2.0	
03/16/03	58.13	26.58	0.00	31.55	2.78	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<2.0	
09/03/03	58.13	29.34	0.00	28.79	-2.76	--	ND<50	ND<0.50	0.71	ND<0.50	ND<1	--	ND<2	
03/11/04	58.13	25.41	0.00	32.72	3.93	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<2.0	
09/24/04	58.13	31.05	0.00	27.08	-5.64	--	66	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<0.50	
03/29/05	58.13	23.25	0.00	34.88	7.80	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<0.50	
09/12/05	58.13	27.98	0.00	30.15	-4.73	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<0.50	
MW-3	**(Screen Interval in feet: 23.0-48.0)**													
10/03/88	57.92	35.86	0.00	22.06	--	61000	--	1060	3380	1520	8720	--	--	
01/27/89	57.92	34.60	0.00	23.32	1.26	39000	--	1570	2830	1250	7070	--	--	
02/16/90	57.92	35.23	0.00	22.69	-0.63	22000	--	710	4100	6900	33000	--	--	
05/01/90	57.92	--	--	--	--	19000	--	330	170	310	1500	--	--	
07/19/90	57.92	35.50	0.00	22.42	--	--	--	--	--	--	--	--	--	
08/24/90	57.92	36.08	0.00	21.84	-0.58	19000	--	480	160	510	1500	--	--	
11/30/90	57.92	37.17	0.00	20.75	-1.09	13000	--	390	81	410	1000	--	--	
02/06/91	57.92	37.07	0.00	20.85	0.10	13000	--	310	150	380	1200	--	--	
05/06/91	57.92	33.11	0.00	24.81	3.96	39000	--	1000	570	930	3900	--	--	
09/27/91	57.92	36.64	0.00	21.28	-3.53	4000	--	160	84	180	560	--	--	
12/27/91	57.92	37.46	0.00	20.46	-0.82	31000	--	240	280	400	1600	--	--	
03/31/92	57.92	31.10	0.00	26.82	6.36	100000	--	1900	1900	2300	9400	--	--	
06/18/92	57.92	32.83	0.00	25.09	-1.73	180000	--	2200	1700	2300	1100	--	--	

Table 2

HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS

September 1987 Through September 2005

76 Station 5367

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														
09/30/92	57.92	--	--	--	--	36000	--	730	200	1000	4400	--	--	
10/16/92	57.92	35.66	0.00	22.26	--	--	--	--	--	--	--	--	--	
11/18/92	57.92	36.04	0.00	21.88	-0.38	24000	--	430	160	640	2800	--	--	
03/03/93	57.92	26.11	0.00	31.81	9.93	96000	--	1400	1900	1400	8400	--	--	
06/25/93	57.92	28.43	0.00	29.49	-2.32	27000	--	1200	980	1700	6900	--	--	
09/03/93	57.92	30.88	0.00	27.04	-2.45	82000	--	2400	3400	4200	21000	--	--	
12/13/93	57.92	32.82	0.00	25.10	-1.94	49000	--	1300	360	2300	9200	--	--	
03/18/94	57.92	30.17	0.00	27.75	2.65	22000	--	1200	430	2200	9700	--	--	
06/23/94	57.92	31.42	0.00	26.50	-1.25	37000	--	1300	670	3100	14000	--	--	
09/21/94	57.92	33.30	0.00	24.62	-1.88	24000	--	890	110	2200	8800	--	--	
12/19/94	57.92	31.07	0.00	26.85	2.23	100000	--	1200	2900	4200	23000	--	--	
03/27/95	57.92	22.78	0.00	35.14	8.29	33000	--	410	66	1600	6500	--	--	
06/26/95	57.92	25.78	0.00	32.14	-3.00	14000	--	300	ND	1300	3900	--	--	
07/28/95	57.92	27.06	0.00	30.86	-1.28	--	--	--	--	--	--	--	--	
09/28/95	57.92	29.57	0.00	28.35	-2.51	17000	--	730	30	4000	8800	--	--	
10/24/95	57.92	30.34	0.00	27.58	-0.77	--	--	--	--	--	--	--	--	
12/29/95	57.92	29.91	0.00	28.01	0.43	55000	--	700	ND	4900	16000	--	--	
03/27/96	57.92	21.99	0.00	35.93	7.92	--	--	--	--	--	--	--	--	Connected to system
09/21/96	57.92	29.15	0.00	28.77	-7.16	34000	--	140	ND	2200	6600	1800	--	
03/31/97	57.92	23.86	0.00	34.06	5.29	17000	--	58	110	530	1500	ND	--	
09/27/97	57.92	30.76	0.00	27.16	-6.90	11000	--	19	ND	850	420	140	--	
03/20/98	57.92	16.39	0.00	41.53	14.37	ND	--	ND	ND	ND	ND	74	--	
09/09/98	57.92	25.70	0.00	32.22	-9.31	ND	--	ND	ND	ND	ND	ND	--	
03/11/99	57.92	23.12	0.00	34.80	2.58	7300	--	ND	ND	320	210	ND	--	

Table 2

HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS

September 1987 Through September 2005

76 Station 5367

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														
09/08/99	57.92	28.21	0.00	29.71	-5.09	7900	--	ND	ND	ND	160	ND	--	
03/24/00	57.92	21.12	0.00	36.80	7.09	3310	--	5.4	ND	101	43.3	ND	--	
09/15/00	57.92	27.68	0.00	30.24	-6.56	1540	--	ND	ND	56.4	ND	ND	12.6	
03/16/01	57.92	25.09	0.00	32.83	2.59	678	--	3.14	1	16.4	14.6	42.9	--	
08/31/01	57.92	28.53	0.00	29.39	-3.44	ND<50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<2.50	--	
03/15/02	57.92	25.05	0.00	32.87	3.48	1500	--	ND<2.50	ND<2.50	43	ND<2.50	ND<12	--	
09/26/02	57.92	28.98	0.00	28.94	-3.93	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<2.0	
03/16/03	57.92	26.19	0.00	31.73	2.79	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<2.0	
09/03/03	57.92	29.04	0.00	28.88	-2.85	--	1300	ND<0.50	0.53	19	ND<1	--	5.9	
03/11/04	57.92	25.03	0.00	32.89	4.01	--	130	ND<0.50	ND<0.50	1.1	ND<1.0	--	ND<2.0	
09/24/04	57.92	30.70	0.00	27.22	-5.67	--	640	ND<0.50	ND<0.50	6.5	ND<1.0	--	1.1	
03/29/05	57.92	22.80	0.00	35.12	7.90	--	73	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<0.50	
09/12/05	57.92	27.63	0.00	30.29	-4.83	--	160	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	1.2	
MW-4	**(Screen Interval in feet: 23.0-48.0)**													
10/03/88	58.29	36.12	0.00	22.17	--	ND	--	ND	ND	ND	ND	--	--	
01/27/89	58.29	34.87	0.00	23.42	1.25	ND	--	ND	ND	ND	ND	--	--	
02/16/90	58.29	35.60	0.00	22.69	-0.73	ND	--	ND	ND	ND	ND	--	--	
05/01/90	58.29	--	--	--	--	ND	--	ND	ND	0.68	1.4	--	--	
07/19/90	58.29	35.78	0.00	22.51	--	--	--	--	--	--	--	--	--	
08/24/90	58.29	36.35	0.00	21.94	-0.57	ND	--	ND	ND	ND	ND	--	--	
11/30/90	58.29	37.46	0.00	20.83	-1.11	ND	--	ND	ND	ND	1.2	--	--	
02/06/91	58.29	37.40	0.00	20.89	0.06	ND	--	ND	ND	ND	ND	--	--	
05/06/91	58.29	33.39	0.00	24.90	4.01	--	--	--	--	--	--	--	--	
09/27/91	58.29	36.90	0.00	21.39	-3.51	ND	--	ND	ND	ND	ND	--	--	

Table 2

HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS

September 1987 Through September 2005

76 Station 5367

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														
12/27/91	58.29	37.76	0.00	20.53	-0.86	ND	--	ND	ND	ND	ND	--	--	
03/31/92	58.29	31.41	0.00	26.88	6.35	ND	--	ND	ND	ND	ND	--	--	
06/18/92	58.29	33.09	0.00	25.20	-1.68	ND	--	ND	ND	ND	ND	--	--	
10/16/92	58.29	35.92	0.00	22.37	-2.83	ND	--	ND	ND	ND	ND	--	--	
11/18/92	58.29	36.33	0.00	21.96	-0.41	--	--	--	--	--	--	--	--	
03/03/93	58.29	26.43	0.00	31.86	9.90	68	--	0.9	0.6	ND	1.9	--	--	
06/25/93	58.29	28.60	0.00	29.69	-2.17	--	--	--	--	--	--	--	--	
09/03/93	58.29	31.05	0.00	27.24	-2.45	86	--	14	13	1.4	7.1	--	--	
12/13/93	58.29	33.09	0.00	25.20	-2.04	--	--	--	--	--	--	--	--	Sampled semi-annually
03/18/94	58.29	30.42	0.00	27.87	2.67	ND	--	ND	ND	ND	ND	--	--	
06/23/94	58.29	31.95	0.00	26.34	-1.53	--	--	--	--	--	--	--	--	
09/21/94	58.29	33.86	0.00	24.43	-1.91	ND	--	ND	0.78	ND	0.81	--	--	
12/19/94	58.29	31.72	0.00	26.57	2.14	--	--	--	--	--	--	--	--	
03/27/95	58.29	23.44	0.00	34.85	8.28	ND	--	ND	0.79	0.51	3.1	--	--	
06/26/95	58.29	26.26	0.00	32.03	-2.82	--	--	--	--	--	--	--	--	
07/28/95	58.29	27.53	0.00	30.76	-1.27	--	--	--	--	--	--	--	--	
09/28/95	58.29	30.05	0.00	28.24	-2.52	ND	--	ND	ND	ND	ND	--	--	
10/24/95	58.29	30.79	0.00	27.50	-0.74	--	--	--	--	--	--	--	--	
12/29/95	58.29	30.96	0.00	27.33	-0.17	--	--	--	--	--	--	--	--	
03/27/96	58.29	22.71	0.00	35.58	8.25	ND	--	ND	0.7	ND	0.79	ND	--	
09/21/96	58.29	29.88	0.00	28.41	-7.17	ND	--	ND	ND	ND	ND	ND	--	
03/31/97	58.29	24.72	0.00	33.57	5.16	ND	--	ND	ND	ND	ND	ND	--	
09/27/97	58.29	31.68	0.00	26.61	-6.96	ND	--	ND	ND	ND	ND	ND	--	
03/20/98	58.29	17.27	0.00	41.02	14.41	ND	--	ND	ND	ND	ND	ND	--	

Table 2

HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS

September 1987 Through September 2005

76 Station 5367

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														
09/09/98	58.29	26.58	0.00	31.71	-9.31	ND	--	ND	ND	ND	0.65	3	--	
03/11/99	58.29	24.12	0.00	34.17	2.46	ND	--	ND	0.7	ND	1.2	ND	--	
09/08/99	58.29	29.18	0.00	29.11	-5.06	ND	--	ND	ND	ND	0.78	ND	--	
03/24/00	58.29	22.08	0.00	36.21	7.10	ND	--	ND	ND	ND	ND	ND	--	
09/15/00	58.29	28.63	0.00	29.66	-6.55	ND	--	ND	1.36	ND	1.46	ND	--	
03/16/01	58.29	26.14	0.00	32.15	2.49	ND	--	ND	ND	ND	ND	ND	--	
08/31/01	58.29	29.27	0.00	29.02	-3.13	ND<50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<2.50	--	
03/15/02	58.29	26.07	0.00	32.22	3.20	ND<50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<2.50	--	
09/26/02	58.29	29.95	0.00	28.34	-3.88	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<2.0	
03/16/03	58.29	27.20	0.00	31.09	2.75	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<2.0	
09/03/03	58.29	29.99	0.00	28.30	-2.79	--	ND<50	ND<0.50	0.58	ND<0.50	ND<1	--	ND<2	
03/11/04	58.29	26.07	0.00	32.22	3.92	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<2.0	
09/24/04	58.29	31.71	0.00	26.58	-5.64	--	62	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<0.50	
03/29/05	58.29	23.93	0.00	34.36	7.78	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<0.50	
09/12/05	58.29	28.21	0.00	30.08	-4.28	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<0.50	
MW-5	**(Screen Interval in feet: 25.0-45.0)**													
02/16/90	58.50	35.89	0.00	22.61	--	67	--	0.51	1.6	2.9	7.5	--	--	
05/01/90	58.50	--	--	--	--	ND	--	ND	ND	ND	ND	--	--	
07/19/90	58.50	36.10	0.00	22.40	--	--	--	--	--	--	--	--	--	
08/24/90	58.50	36.67	0.00	21.83	-0.57	ND	--	ND	ND	ND	ND	--	--	
11/30/90	58.50	37.74	0.00	20.76	-1.07	ND	--	ND	0.7	ND	ND	--	--	
02/06/91	58.50	37.62	0.00	20.88	0.12	ND	--	ND	ND	ND	ND	--	--	
05/06/91	58.50	33.67	0.00	24.83	3.95	--	--	--	--	--	--	--	--	
09/27/91	58.50	37.23	0.00	21.27	-3.56	ND	--	ND	ND	ND	ND	--	--	

Table 2

HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS

September 1987 Through September 2005

76 Station 5367

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														
12/27/91	58.50	38.02	0.00	20.48	-0.79	ND	--	ND	ND	ND	ND	--	--	
03/31/92	58.50	31.62	0.00	26.88	6.40	ND	--	ND	ND	ND	1.1	--	--	
06/18/92	58.50	33.46	0.00	25.04	-1.84	--	--	--	--	--	--	--	--	
10/16/92	58.50	36.23	0.00	22.27	-2.77	ND	--	ND	ND	ND	ND	--	--	
11/18/92	58.50	36.62	0.00	21.88	-0.39	--	--	--	--	--	--	--	--	
03/03/93	58.50	26.62	0.00	31.88	10.00	ND	--	ND	ND	ND	ND	--	--	
06/25/93	58.50	--	--	--	--	--	--	--	--	--	--	--	--	Inaccessible
09/03/93	58.50	31.45	0.00	27.05	--	ND	--	ND	1.5	ND	7.9	--	--	
12/13/93	58.50	33.39	0.00	25.11	-1.94	--	--	--	--	--	--	--	--	Sampled semi-annually
03/18/94	58.50	30.67	0.00	27.83	2.72	ND	--	ND	ND	ND	ND	--	--	
06/23/94	58.50	32.00	0.00	26.50	-1.33	--	--	--	--	--	--	--	--	
09/21/94	58.50	33.90	0.00	24.60	-1.90	ND	--	ND	0.98	ND	1.6	--	--	
12/19/94	58.50	31.63	0.00	26.87	2.27	--	--	--	--	--	--	--	--	
03/27/95	58.50	23.44	0.00	35.06	8.19	ND	--	ND	0.66	ND	2.9	--	--	
06/26/95	58.50	26.35	0.00	32.15	-2.91	--	--	--	--	--	--	--	--	
07/28/95	58.50	27.63	0.00	30.87	-1.28	--	--	--	--	--	--	--	--	
09/28/95	58.50	30.15	0.00	28.35	-2.52	ND	--	ND	ND	ND	ND	--	--	
10/24/95	58.50	30.98	0.00	27.52	-0.83	--	--	--	--	--	--	--	--	
12/29/95	58.50	30.87	0.00	27.63	0.11	--	--	--	--	--	--	--	--	
03/27/96	58.50	22.75	0.00	35.75	8.12	ND	--	ND	1.7	ND	2.4	ND	--	
09/21/96	58.50	29.95	0.00	28.55	-7.20	ND	--	ND	ND	ND	ND	ND	--	
03/31/97	58.50	24.80	0.00	33.70	5.15	ND	--	ND	ND	ND	ND	ND	--	
09/27/97	58.50	31.65	0.00	26.85	-6.85	ND	--	ND	ND	ND	ND	ND	--	
03/20/98	58.50	17.31	0.00	41.19	14.34	ND	--	ND	ND	ND	ND	ND	--	

Table 2

HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS

September 1987 Through September 2005

76 Station 5367

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														
09/09/98	58.50	26.63	0.00	31.87	-9.32	ND	--	ND	ND	ND	ND	ND	--	
03/11/99	58.50	24.08	0.00	34.42	2.55	ND	--	ND	0.96	ND	1.7	ND	--	
09/08/99	58.50	29.16	0.00	29.34	-5.08	ND	--	ND	ND	ND	ND	ND	--	
03/24/00	58.50	22.06	0.00	36.44	7.10	ND	--	ND	ND	ND	0.957	ND	--	
09/15/00	58.50	28.64	0.00	29.86	-6.58	ND	--	ND	ND	ND	ND	ND	--	
03/16/01	58.50	26.05	0.00	32.45	2.59	ND	--	ND	ND	ND	ND	ND	--	
08/31/01	58.50	29.32	0.00	29.18	-3.27	ND<50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<2.50	--	
03/15/02	58.50	26.08	0.00	32.42	3.24	ND<50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<2.50	--	
09/26/02	58.50	29.96	0.00	28.54	-3.88	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<2.0	
03/16/03	58.50	27.24	0.00	31.26	2.72	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<2.0	
09/03/03	58.50	30.04	0.00	28.46	-2.80	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1	--	ND<2	
03/11/04	58.50	26.05	0.00	32.45	3.99	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<2.0	
09/24/04	58.50	31.66	0.00	26.84	-5.61	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<0.50	
03/29/05	58.50	23.94	0.00	34.56	7.72	--	ND<50	ND<0.50	ND<0.50	ND<0.50	1.5	--	ND<0.50	
09/12/05	58.50	28.59	0.00	29.91	-4.65	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<0.50	
MW-6	**(Screen Interval in feet: 25.0-45-0)**													
02/16/90	56.96	34.50	0.00	22.46	--	ND	--	ND	ND	ND	ND	--	--	
05/01/90	56.96	--	--	--	--	ND	--	ND	ND	ND	ND	--	--	
07/19/90	56.96	34.74	0.00	22.22	--	ND	--	ND	ND	ND	ND	--	--	
08/24/90	56.96	35.32	0.00	21.64	-0.58	ND	--	ND	ND	ND	ND	--	--	
11/30/90	56.96	36.38	0.00	20.58	-1.06	ND	--	ND	ND	ND	ND	--	--	
02/06/91	56.96	36.27	0.00	20.69	0.11	ND	--	ND	ND	ND	ND	--	--	
05/06/91	56.96	32.41	0.00	24.55	3.86	--	--	--	--	--	--	--	--	
09/27/91	56.96	35.87	0.00	21.09	-3.46	ND	--	ND	ND	ND	ND	--	--	

Table 2

HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS

September 1987 Through September 2005

76 Station 5367

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														
12/27/91	56.96	36.67	0.00	20.29	-0.80	ND	--	ND	ND	ND	ND	--	--	
03/31/92	56.96	30.32	0.00	26.64	6.35	ND	--	ND	1.3	ND	2	--	--	
06/18/92	56.96	32.18	0.00	24.78	-1.86	ND	--	ND	ND	ND	ND	--	--	
10/16/92	56.96	34.92	0.00	22.04	-2.74	ND	--	ND	ND	ND	ND	--	--	
11/18/92	56.96	35.28	0.00	21.68	-0.36	--	--	--	--	--	--	--	--	
03/03/93	56.96	25.43	0.00	31.53	9.85	ND	--	ND	ND	ND	ND	--	--	
06/25/93	56.96	27.86	0.00	29.10	-2.43	--	--	--	--	--	--	--	--	
09/03/93	56.96	30.25	0.00	26.71	-2.39	ND	--	ND	ND	ND	ND	--	--	
12/13/93	56.96	32.14	0.00	24.82	-1.89	--	--	--	--	--	--	--	--	Sampled semi-annually
03/18/94	56.96	29.46	0.00	27.50	2.68	ND	--	ND	0.93	ND	1.4	--	--	
06/23/94	56.96	30.76	0.00	26.20	-1.30	--	--	--	--	--	--	--	--	
09/21/94	56.96	32.62	0.00	24.34	-1.86	ND	--	ND	ND	ND	ND	--	--	
12/19/94	56.96	30.32	0.00	26.64	2.30	--	--	--	--	--	--	--	--	
03/27/95	56.96	22.10	0.00	34.86	8.22	56	--	ND	0.65	ND	3.3	--	--	
06/26/95	56.96	25.20	0.00	31.76	-3.10	--	--	--	--	--	--	--	--	
07/28/95	56.96	26.48	0.00	30.48	-1.28	--	--	--	--	--	--	--	--	
09/28/95	56.96	28.92	0.00	28.04	-2.44	ND	--	ND	ND	ND	ND	--	--	
10/24/95	56.96	29.73	0.00	27.23	-0.81	--	--	--	--	--	--	--	--	
12/29/95	56.96	29.62	0.00	27.34	0.11	--	--	--	--	--	--	--	--	
03/27/96	56.96	21.59	0.00	35.37	8.03	50	--	ND	0.92	ND	0.96	ND	--	
09/21/96	56.96	28.72	0.00	28.24	-7.13	ND	--	ND	ND	ND	ND	ND	--	
03/31/97	56.96	23.72	0.00	33.24	5.00	73	--	0.67	0.82	ND	ND	ND	--	
09/27/97	56.96	30.52	0.00	26.44	-6.80	ND	--	ND	ND	ND	ND	ND	--	
03/20/98	56.96	16.35	0.00	40.61	14.17	ND	--	ND	ND	ND	ND	ND	--	

Table 2

HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS

September 1987 Through September 2005

76 Station 5367

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														
09/09/98	56.96	25.53	0.00	31.43	-9.18	ND	--	ND	0.64	ND	0.65	3.3	--	
03/11/99	56.96	22.85	0.00	34.11	2.68	ND	--	ND	0.71	ND	1.4	ND	--	
09/08/99	56.96	28.01	0.00	28.95	-5.16	ND	--	ND	ND	ND	ND	ND	--	
03/24/00	56.96	20.93	0.00	36.03	7.08	ND	--	ND	ND	ND	ND	ND	--	
09/15/00	56.96	27.51	0.00	29.45	-6.58	ND	--	ND	ND	ND	ND	ND	--	
03/16/01	56.96	24.87	0.00	32.09	2.64	ND	--	ND	ND	ND	ND	ND	--	
08/31/01	56.96	28.20	0.00	28.76	-3.33	ND<50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<2.50	--	
03/15/02	56.96	24.82	0.00	32.14	3.38	ND<50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<2.50	--	
09/26/02	56.96	28.72	0.00	28.24	-3.90	--	84	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<2.0	
03/16/03	56.96	26.00	0.00	30.96	2.72	--	52	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<2.0	
09/03/03	56.96	28.78	0.00	28.18	-2.78	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1	--	ND<2	
03/11/04	56.96	24.78	0.00	32.18	4.00	--	69	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<2.0	
09/24/04	56.96	30.42	0.00	26.54	-5.64	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<0.50	
03/29/05	56.96	25.66	0.00	31.30	4.76	--	170	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<0.50	
09/12/05	56.96	27.41	0.00	29.55	-1.75	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<0.50	
MW-7	**(Screen Interval in feet: 24.0-44.0)**													
02/16/90	57.25	35.75	0.00	21.50	--	ND	--	ND	ND	ND	ND	--	--	
05/01/90	57.25	--	--	--	--	24	--	ND	ND	0.74	1.7	--	--	
07/19/90	57.25	35.03	0.00	22.22	--	--	--	--	--	--	--	--	--	
08/24/90	57.25	35.64	0.00	21.61	-0.61	ND	--	ND	ND	ND	ND	--	--	
11/30/90	57.25	36.68	0.00	20.57	-1.04	ND	--	ND	ND	0.6	1.5	--	--	
02/06/91	57.25	36.55	0.00	20.70	0.13	ND	--	ND	ND	ND	ND	--	--	
05/06/91	57.25	32.69	0.00	24.56	3.86	ND	--	ND	ND	ND	ND	--	--	
09/27/91	57.25	36.18	0.00	21.07	-3.49	ND	--	ND	ND	ND	ND	--	--	

Table 2

HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS

September 1987 Through September 2005

76 Station 5367

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														
12/27/91	57.25	36.96	0.00	20.29	-0.78	ND	--	ND	ND	ND	ND	--	--	
03/31/92	57.25	30.56	0.00	26.69	6.40	ND	--	ND	ND	ND	0.9	--	--	
06/18/92	57.25	32.52	0.00	24.73	-1.96	--	--	--	--	--	--	--	--	
10/16/92	57.25	35.24	0.00	22.01	-2.72	ND	--	ND	ND	ND	ND	--	--	
11/18/92	57.25	35.59	0.00	21.66	-0.35	--	--	--	--	--	--	--	--	
03/03/93	57.25	25.66	0.00	31.59	9.93	ND	--	ND	ND	ND	ND	--	--	
06/25/93	57.25	28.25	0.00	29.00	-2.59	--	--	--	--	--	--	--	--	
09/03/93	57.25	30.60	0.00	26.65	-2.35	ND	--	ND	ND	ND	ND	--	--	
12/13/93	57.25	32.45	0.00	24.80	-1.85	--	--	--	--	--	--	--	--	Sampled semi-annually
03/18/94	57.25	29.76	0.00	27.49	2.69	ND	--	ND	ND	ND	ND	--	--	
06/23/94	57.25	31.10	0.00	26.15	-1.34	--	--	--	--	--	--	--	--	
09/21/94	57.25	32.96	0.00	24.29	-1.86	ND	--	0.5	ND	ND	0.89	--	--	
12/19/94	57.25	30.60	0.00	26.65	2.36	--	--	--	--	--	--	--	--	
03/27/95	57.25	22.43	0.00	34.82	8.17	ND	--	ND	0.54	ND	1.9	--	--	
06/26/95	57.25	25.55	0.00	31.70	-3.12	--	--	--	--	--	--	--	--	
07/28/95	57.25	26.84	0.00	30.41	-1.29	--	--	--	--	--	--	--	--	
09/28/95	57.25	29.29	0.00	27.96	-2.45	ND	--	ND	ND	ND	ND	--	--	
10/24/95	57.25	30.05	0.00	27.20	-0.76	--	--	--	--	--	--	--	--	
12/29/95	57.25	29.91	0.00	27.34	0.14	--	--	--	--	--	--	--	--	
03/27/96	57.25	21.94	0.00	35.31	7.97	ND	--	ND	1.1	ND	1.7	ND	--	
09/21/96	57.25	29.07	0.00	28.18	-7.13	ND	--	ND	ND	ND	ND	ND	--	
03/31/97	57.25	24.02	0.00	33.23	5.05	ND	--	ND	ND	ND	ND	ND	--	
09/27/97	57.25	30.84	0.00	26.41	-6.82	ND	--	ND	ND	ND	ND	ND	--	
03/20/98	57.25	16.68	0.00	40.57	14.16	ND	--	ND	ND	ND	ND	ND	--	

Table 2

HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS

September 1987 Through September 2005

76 Station 5367

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														
09/09/98	57.25	25.89	0.00	31.36	-9.21	ND	--	ND	ND	ND	ND	4.1	--	
03/11/99	57.25	23.16	0.00	34.09	2.73	ND	--	ND	0.91	ND	1.6	5.7	--	
09/08/99	57.25	28.32	0.00	28.93	-5.16	ND	--	ND	ND	ND	ND	2.7	--	
03/24/00	57.25	21.23	0.00	36.02	7.09	ND	--	ND	ND	ND	ND	ND	--	
09/15/00	57.25	27.83	0.00	29.42	-6.60	ND	--	ND	ND	ND	ND	ND	--	
03/16/01	57.25	25.15	0.00	32.10	2.68	ND	--	ND	ND	ND	ND	ND	--	
08/31/01	57.25	28.49	0.00	28.76	-3.34	ND<50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<2.50	--	
03/15/02	57.25	24.96	0.00	32.29	3.53	ND<50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<2.50	--	
09/26/02	57.25	29.09	0.00	28.16	-4.13	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<2.0	
03/16/03	57.25	26.33	0.00	30.92	2.76	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<2.0	
09/03/03	57.25	29.14	0.00	28.11	-2.81	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1	--	ND<2	
03/11/04	57.25	25.09	0.00	32.16	4.05	--	72	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<2.0	
09/24/04	57.25	30.73	0.00	26.52	-5.64	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<0.50	
03/29/05	57.25	23.00	0.00	34.25	7.73	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<0.50	
09/12/05	57.25	27.71	0.00	29.54	-4.71	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<0.50	
MW-8	**(Screen Interval in feet: 24.0-44.0)**													
02/16/90	57.71	35.10	0.00	22.61	--	1900	--	11	ND	52	55	--	--	
05/01/90	57.71	--	--	--	--	770	--	6.5	ND	20	32	--	--	
07/19/90	57.71	35.41	0.00	22.30	--	--	--	--	--	--	--	--	--	
08/24/90	57.71	36.00	0.00	21.71	-0.59	990	--	13	ND	48	66	--	--	
11/30/90	57.71	37.08	0.00	20.63	-1.08	570	--	13	ND	45	36	--	--	
02/06/91	57.71	36.92	0.00	20.79	0.16	630	--	9.6	ND	35	36	--	--	
05/06/91	57.71	33.03	0.00	24.68	3.89	14000	--	80	ND	250	550	--	--	
09/27/91	57.71	36.55	0.00	21.16	-3.52	720	--	13	4.3	26	26	--	--	

Table 2

HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS

September 1987 Through September 2005

76 Station 5367

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														
12/27/91	57.71	37.34	0.00	20.37	-0.79	1600	--	15	2.9	40	49	--	--	
03/31/92	57.71	31.93	0.00	25.78	5.41	15000	--	120	1	430	530	--	--	
06/18/92	57.71	--	--	--	--	--	--	--	--	--	--	--	--	Inaccessible
10/16/92	57.71	35.58	0.00	22.13	--	300	--	0.96	ND	4	3.5	--	--	
11/18/92	57.71	35.94	0.00	21.77	-0.36	1100	--	6.1	ND	13	5.6	--	--	
03/03/93	57.71	26.00	0.00	31.71	9.94	13000	--	33	ND	160	290	--	--	
06/25/93	57.71	28.27	0.00	29.44	-2.27	8100	--	160	ND	580	740	--	--	
09/03/93	57.71	30.90	0.00	26.81	-2.63	9800	--	180	ND	580	700	--	--	
12/13/93	57.71	32.75	0.00	24.96	-1.85	6900	--	180	ND	240	550	--	--	
03/18/94	57.71	30.12	0.00	27.59	2.63	6100	--	85	ND	260	260	--	--	
06/23/94	57.71	31.40	0.00	26.31	-1.28	12000	--	210	ND	610	860	--	--	
09/21/94	57.71	33.30	0.00	24.41	-1.90	6900	--	190	ND	460	510	--	--	
12/19/94	57.71	30.95	0.00	26.76	2.35	6200	--	91	ND	230	210	--	--	
03/27/95	57.71	22.78	0.00	34.93	8.17	9200	--	240	ND	200	1400	--	--	
06/26/95	57.71	24.83	0.00	32.88	-2.05	11000	--	320	ND	680	2000	--	--	
07/28/95	57.71	27.10	0.00	30.61	-2.27	--	--	--	--	--	--	--	--	
09/28/95	57.71	29.58	0.00	28.13	-2.48	10000	--	250	ND	760	910	--	--	
10/24/95	57.71	30.40	0.00	27.31	-0.82	--	--	--	--	--	--	--	--	
12/29/95	57.71	30.25	0.00	27.46	0.15	7500	--	260	ND	580	870	--	--	
03/27/96	57.71	22.20	0.00	35.51	8.05	970	--	29	0.77	82	85	ND	--	
09/21/96	57.71	29.34	0.00	28.37	-7.14	3800	--	27	ND	46	45	ND	--	
03/31/97	57.71	24.35	0.00	33.36	4.99	ND	--	ND	ND	ND	ND	ND	--	
09/27/97	57.71	31.15	0.00	26.56	-6.80	78	--	0.9	ND	12	ND	ND	--	
03/20/98	57.71	16.84	0.00	40.87	14.31	ND	--	ND	ND	ND	ND	ND	--	

Table 2

HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS

September 1987 Through September 2005

76 Station 5367

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														
09/09/98	57.71	26.14	0.00	31.57	-9.30	910	--	ND	49	12	2.2	1.5	--	
03/11/99	57.71	23.48	0.00	34.23	2.66	4700	--	9.6	ND	280	95	ND	--	
09/08/99	57.71	28.60	0.00	29.11	-5.12	1900	--	ND	ND	36	ND	ND	--	
03/24/00	57.71	21.49	0.00	36.22	7.11	ND	--	ND	ND	ND	ND	ND	--	
09/15/00	57.71	28.09	0.00	29.62	-6.60	533	--	2.23	ND	6.27	0.684	ND	--	
03/16/01	57.71	25.43	0.00	32.28	2.66	1000	--	ND	ND	17.8	44.5	ND	--	
08/31/01	57.71	28.89	0.00	28.82	-3.46	6500	--	8.6	7.4	420	1900	ND<25	--	
03/15/02	57.71	25.45	0.00	32.26	3.44	ND<50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<2.5	--	
09/26/02	57.71	29.37	0.00	28.34	-3.92	--	290	ND<0.50	ND<0.50	0.65	ND<1.0	--	ND<2.0	
03/16/03	57.71	26.65	0.00	31.06	2.72	--	--	--	--	--	--	--	--	Inaccessible
09/03/03	57.71	29.46	0.00	28.25	-2.81	--	450	ND<0.50	0.69	ND<0.50	ND<1.0	--	ND<2.0	
03/11/04	57.71	25.42	0.00	32.29	4.04	--	950	ND<0.50	ND<0.50	15	1.4	--	ND<2.0	
09/24/04	57.71	31.08	0.00	26.63	-5.66	--	230	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<0.50	
03/29/05	57.71	23.30	0.00	34.41	7.78	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<0.50	
09/12/05	57.71	28.07	0.00	29.64	-4.77	--	160	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<0.50	
MW-9	**(Screen Interval in feet: 20.0-45.0)**													
12/19/94	56.47	29.71	0.00	26.76	--	ND	--	ND	1.6	1.5	8.4	--	--	
03/27/95	56.47	21.48	0.00	34.99	8.23	ND	--	ND	0.61	ND	2.8	--	--	
06/26/95	56.47	24.50	0.00	31.97	-3.02	ND	--	ND	ND	ND	3.9	--	--	
07/28/95	56.47	25.77	0.00	30.70	-1.27	--	--	--	--	--	--	--	--	
09/28/95	56.47	28.23	0.00	28.24	-2.46	ND	--	ND	ND	ND	ND	--	--	
10/24/95	56.47	29.21	0.00	27.26	-0.98	--	--	--	--	--	--	--	--	
12/29/95	56.47	29.02	0.00	27.45	0.19	ND	--	ND	0.58	ND	0.52	ND	--	
03/27/96	56.47	20.91	0.00	35.56	8.11	ND	--	ND	0.68	ND	0.51	ND	--	

Table 2

HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS

September 1987 Through September 2005

76 Station 5367

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-9 continued														
09/21/96	56.47	28.05	0.00	28.42	-7.14	ND	--	ND	ND	ND	ND	ND	--	
03/31/97	56.47	23.48	0.00	32.99	4.57	ND	--	ND	ND	ND	ND	ND	--	
09/27/97	56.47	30.38	0.00	26.09	-6.90	ND	--	ND	ND	ND	ND	ND	--	
03/20/98	56.47	15.60	0.00	40.87	14.78	ND	--	ND	ND	ND	ND	ND	--	
09/09/98	56.47	24.85	0.00	31.62	-9.25	ND	--	0.69	ND	ND	0.61	ND	--	
03/11/99	56.47	22.23	0.00	34.24	2.62	ND	--	ND	ND	ND	0.76	ND	--	
09/08/99	56.47	27.34	0.00	29.13	-5.11	ND	--	ND	ND	ND	ND	ND	--	
03/24/00	56.47	20.27	0.00	36.20	7.07	ND	--	ND	ND	ND	ND	ND	--	
09/15/00	56.47	26.84	0.00	29.63	-6.57	ND	--	ND	ND	ND	ND	ND	--	
03/16/01	56.47	24.24	0.00	32.23	2.60	ND	--	ND	ND	ND	ND	ND	--	
08/31/01	56.47	27.43	0.00	29.04	-3.19	ND<50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<2.5	--	
03/15/02	56.47	24.79	0.00	31.68	2.64	ND<50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<2.5	--	
09/26/02	56.47	--	--	--	--	--	--	--	--	--	--	--	--	Inaccessible
03/16/03	56.47	--	--	--	--	--	--	--	--	--	--	--	--	Inaccessible
09/03/03	56.47	--	--	--	--	--	--	--	--	--	--	--	--	Inaccessible
03/11/04	56.47	--	--	--	--	--	--	--	--	--	--	--	--	Covered with asphalt
09/24/04	56.47	--	--	--	--	--	--	--	--	--	--	--	--	Covered with asphalt
03/29/05	56.47	21.92	0.00	34.55	--	--	91	ND<0.50	ND<0.50	1.3	ND<1.0	--	ND<0.50	
09/12/05	56.47	26.73	0.00	29.74	-4.81	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<0.50	
MW-10	**(Screen Interval in feet: 20.0-45.0)**													
07/28/95	58.94	25.53	0.00	33.41	--	ND	--	ND	ND	ND	ND	--	--	
09/28/95	58.94	--	--	--	--	--	--	--	--	--	--	--	--	
10/24/95	58.94	31.76	0.00	27.18	--	ND	--	ND	ND	ND	ND	--	--	
12/29/95	58.94	31.55	0.00	27.39	0.21	ND	--	ND	0.65	ND	1.1	--	--	

Table 2

HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS

September 1987 Through September 2005

76 Station 5367

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-10	**continued**													
03/27/96	58.94	23.62	0.00	35.32	7.93	ND	--	ND	0.68	ND	0.69	ND	--	
09/21/96	58.94	30.77	0.00	28.17	-7.15	ND	--	ND	ND	ND	ND	ND	--	
03/31/97	58.94	26.05	0.00	32.89	4.72	ND	--	ND	ND	ND	ND	ND	--	
09/27/97	58.94	32.80	0.00	26.14	-6.75	ND	--	ND	ND	ND	ND	ND	--	
03/20/98	58.94	18.13	0.00	40.81	14.67	ND	--	ND	ND	ND	ND	ND	--	
09/09/98	58.94	27.54	0.00	31.40	-9.41	ND	--	ND	0.55	ND	ND	ND	--	
03/11/99	58.94	24.85	0.00	34.09	2.69	ND	--	ND	0.61	ND	0.87	ND	--	
09/08/99	58.94	29.97	0.00	28.97	-5.12	ND	--	ND	ND	ND	ND	ND	--	
03/24/00	58.94	22.90	0.00	36.04	7.07	ND	--	ND	ND	ND	ND	ND	--	
09/15/00	58.94	29.48	0.00	29.46	-6.58	ND	--	ND	ND	ND	ND	ND	--	
03/16/01	58.94	26.80	0.00	32.14	2.68	ND	--	ND	ND	ND	ND	ND	--	
08/31/01	58.94	30.05	0.00	28.89	-3.25	ND<50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<2.5	--	
03/15/02	58.94	26.61	0.00	32.33	3.44	ND<50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<2.5	--	
09/26/02	58.94	30.68	0.00	28.26	-4.07	ND<50	--	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<2.0	
03/16/03	58.94	--	--	--	--	--	--	--	--	--	--	--	--	Inaccessible
09/03/03	58.94	38.87	0.00	20.07	--	--	ND<50	ND<0.50	1.8	ND<0.50	ND<1.0	--	ND<2	
03/11/04	58.94	26.80	0.00	32.14	12.07	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<2.0	
09/24/04	58.94	32.42	0.00	26.52	-5.62	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<0.50	
03/29/05	58.94	24.11	0.00	34.83	8.31	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<0.50	
09/12/05	58.94	29.43	0.00	29.51	-5.32	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<0.50	

Table 3
ADDITIONAL ANALYTICAL RESULTS
76 Station 5367

Date Sampled	EDC	EDB	Pre-Purge DO	Post Purge DO	TDS	TAME 8260B	TBA 8260B	DIPE 8260B	ETBE 8260B	Ethanol 8260B
	(µg/l)	(µg/l)	(mg/l)	(mg/l)	(mg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)
MW-1										
03/27/95	--	--	--	1.50	--	--	--	--	--	--
06/26/95	--	--	--	1.60	--	--	--	--	--	--
09/28/95	--	--	--	1.22	--	--	--	--	--	--
12/29/95	--	--	--	1.74	--	--	--	--	--	--
03/27/96	--	--	1.48	1.02	--	--	--	--	--	--
09/21/96	--	--	--	1.01	--	--	--	--	--	--
03/31/97	--	--	1.47	1.49	--	--	--	--	--	--
03/16/03	ND<1000	ND<1000	--	--	--	ND<1000	ND<50000	ND<1000	ND<1000	ND<250000
MW-2										
03/27/95	--	--	--	1.70	410	--	--	--	--	--
06/26/95	--	--	--	4.55	--	--	--	--	--	--
09/28/95	--	--	--	3.00	--	--	--	--	--	--
12/29/95	--	--	--	8.71	--	--	--	--	--	--
03/31/97	--	--	2.18	2.12	--	--	--	--	--	--
03/16/03	ND<2.0	ND<2.0	--	--	--	ND<2.0	ND<100	ND<2.0	ND<2.0	ND<500
MW-3										
03/27/95	--	--	--	0.90	450	--	--	--	--	--
06/26/95	--	--	--	1.55	--	--	--	--	--	--
09/28/95	--	--	--	1.63	--	--	--	--	--	--
12/29/95	--	--	--	6.97	--	--	--	--	--	--
03/31/97	--	--	1.95	2.06	--	--	--	--	--	--
09/15/00	ND<2.0	ND<2.0	--	--	--	ND<2.0	ND<100	ND<2.0	ND<2.0	ND<1000
03/16/03	ND<2.0	ND<2.0	--	--	--	ND<2.0	ND<100	ND<2.0	ND<2.0	ND<500
MW-4										
03/27/95	--	--	--	4.90	--	--	--	--	--	--

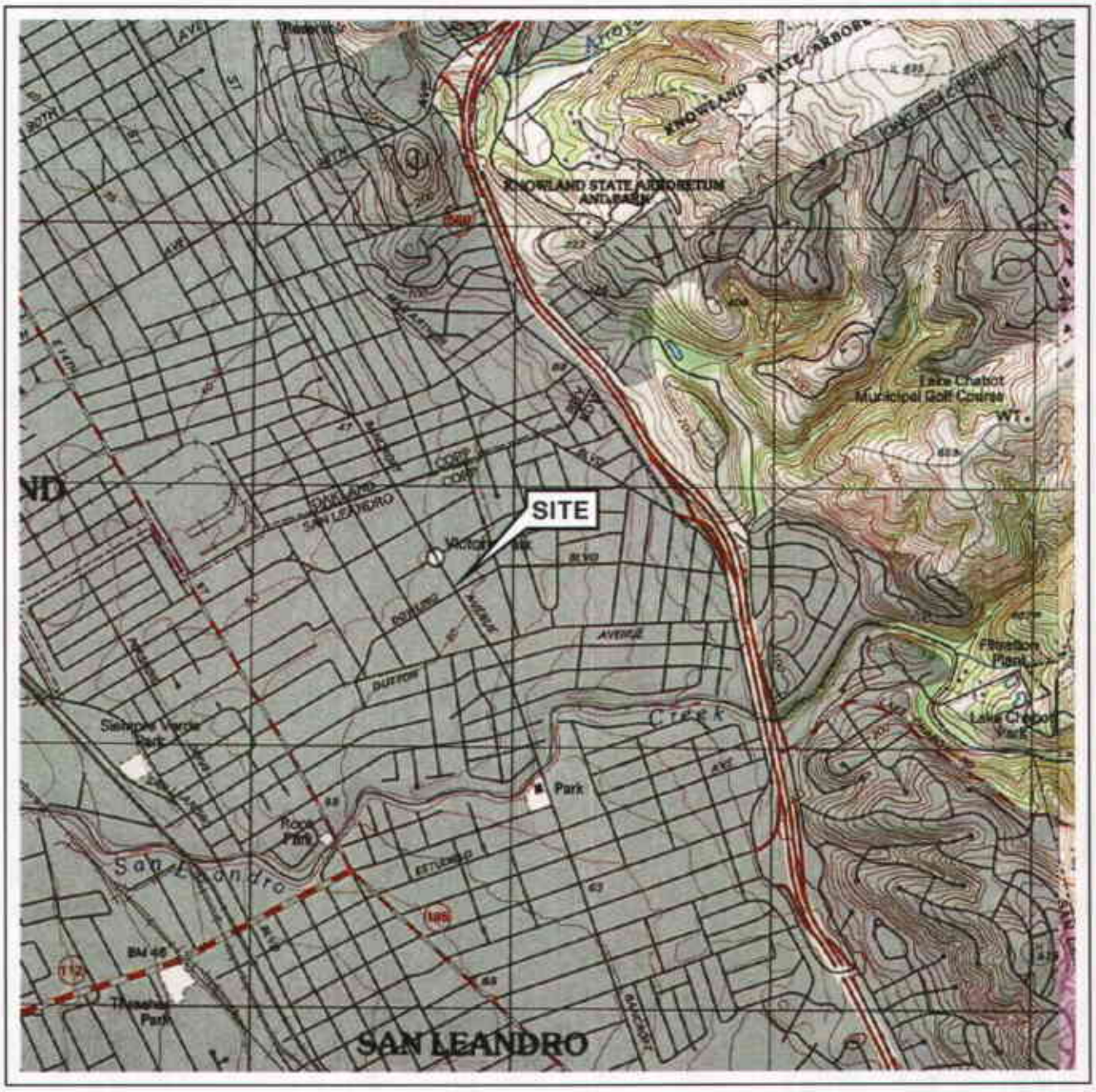
Table 3
ADDITIONAL ANALYTICAL RESULTS
76 Station 5367

Date Sampled	EDC	EDB	Pre-Purge DO	Post Purge DO	TDS	TAME 8260B	TBA 8260B	DIPE 8260B	ETBE 8260B	Ethanol 8260B
	(µg/l)	(µg/l)	(mg/l)	(mg/l)	(mg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)
MW-4 continued										
09/28/95	--	--	--	6.29	--	--	--	--	--	--
03/27/96	--	--	4.32	3.91	--	--	--	--	--	--
09/21/96	--	--	--	2.82	--	--	--	--	--	--
03/31/97	--	--	2.66	2.63	--	--	--	--	--	--
03/16/03	ND<2.0	ND<2.0	--	--	--	ND<2.0	ND<100	ND<2.0	ND<2.0	ND<500
MW-5										
03/27/95	--	--	--	5.20	--	--	--	--	--	--
09/28/95	--	--	--	1.96	--	--	--	--	--	--
03/27/96	--	--	4.03	4.71	--	--	--	--	--	--
09/21/96	--	--	--	4.12	--	--	--	--	--	--
03/31/97	--	--	2.98	3.11	--	--	--	--	--	--
03/16/03	ND<2.0	ND<2.0	--	--	--	ND<2.0	ND<100	ND<2.0	ND<2.0	ND<500
MW-6										
03/27/95	--	--	--	7.40	--	--	--	--	--	--
09/28/95	--	--	--	4.19	--	--	--	--	--	--
03/27/96	--	--	5.94	4.96	--	--	--	--	--	--
09/21/96	--	--	--	3.74	--	--	--	--	--	--
03/31/97	--	--	3.21	3.11	--	--	--	--	--	--
03/16/03	ND<2.0	ND<2.0	--	--	--	ND<2.0	ND<100	ND<2.0	ND<2.0	ND<500
MW-7										
03/27/95	--	--	--	8.40	--	--	--	--	--	--
09/28/95	--	--	--	2.04	--	--	--	--	--	--
03/27/96	--	--	6.63	5.23	--	--	--	--	--	--
09/21/96	--	--	--	1.19	--	--	--	--	--	--
03/31/97	--	--	2.29	2.16	--	--	--	--	--	--
03/16/03	ND<2.0	ND<2.0	--	--	--	ND<2.0	ND<100	ND<2.0	ND<2.0	ND<500

Table 3
ADDITIONAL ANALYTICAL RESULTS
76 Station 5367

Date Sampled	EDC	EDB	Pre-Purge DO	Post Purge DO	TDS	TAME 8260B	TBA 8260B	DIPE 8260B	ETBE 8260B	Ethanol 8260B
	(µg/l)	(µg/l)	(mg/l)	(mg/l)	(mg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)
MW-8										
03/27/95	--	--	--	2.20	490	--	--	--	--	--
06/26/95	--	--	--	3.86	--	--	--	--	--	--
09/28/95	--	--	--	1.85	--	--	--	--	--	--
12/29/95	--	--	--	2.03	--	--	--	--	--	--
03/27/96	--	--	11.73	9.76	--	--	--	--	--	--
09/21/96	--	--	--	2.16	--	--	--	--	--	--
03/31/97	--	--	2.81	2.91	--	--	--	--	--	--
09/27/97	--	--	3.11	--	--	--	--	--	--	--
03/20/98	--	--	--	2.65	--	--	--	--	--	--
MW-9										
03/27/95	--	--	--	7.8	--	--	--	--	--	--
06/26/95	--	--	--	4.61	--	--	--	--	--	--
09/28/95	--	--	--	5.76	--	--	--	--	--	--
12/29/95	--	--	--	5.32	--	--	--	--	--	--
03/27/96	--	--	5.62	5.23	--	--	--	--	--	--
09/21/96	--	--	--	4.13	--	--	--	--	--	--
03/31/97	--	--	3.36	3.27	--	--	--	--	--	--
MW-10										
12/29/95	--	--	--	5.11	--	--	--	--	--	--
03/27/96	--	--	4.38	4.57	--	--	--	--	--	--
09/21/96	--	--	--	5.38	--	--	--	--	--	--
03/31/97	--	--	4.48	4.83	--	--	--	--	--	--

FIGURES



0 1/4 1/2 3/4 1 MILE

SCALE 1:24,000

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SOURCE:

United States Geological Survey
7.5 Minute Topographic Map:
San Leandro Quadrangle

VICINITY MAP

76 Station 5367
500 Bancroft Avenue
San Leandro, California

FIGURE 1

TRC

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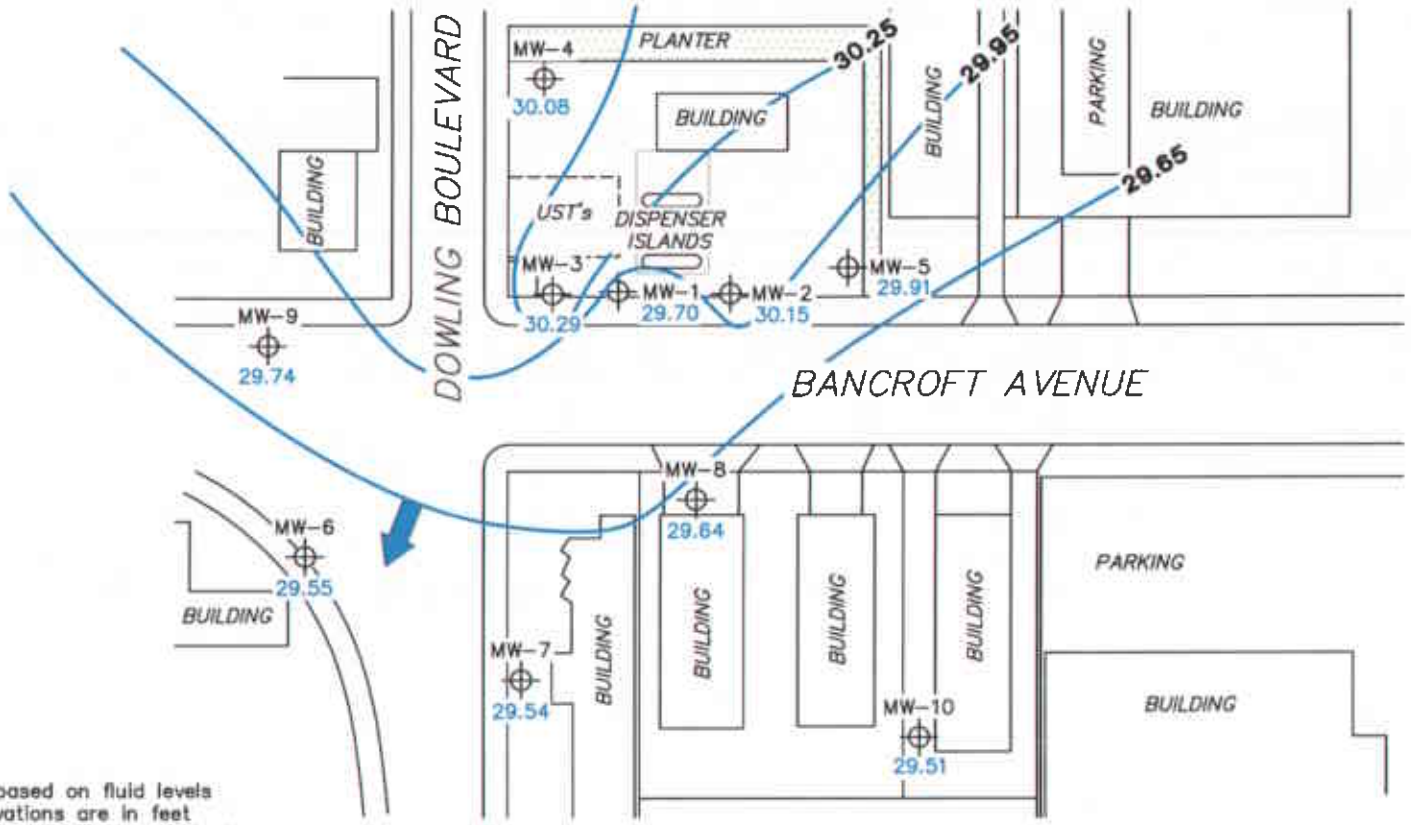

NOTES:

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-10 ⊕ Monitoring Well with Groundwater Elevation (feet)

30.25 — Groundwater Elevation Contour

→ General Direction of Groundwater Flow

SCALE (FEET)

0 80

GROUNDWATER ELEVATION CONTOUR MAP
September 12, 2005

76 Station 5367
500 Bancroft Avenue
San Leandro, California

FIGURE 2

TRC

PS=1:1 5367-003

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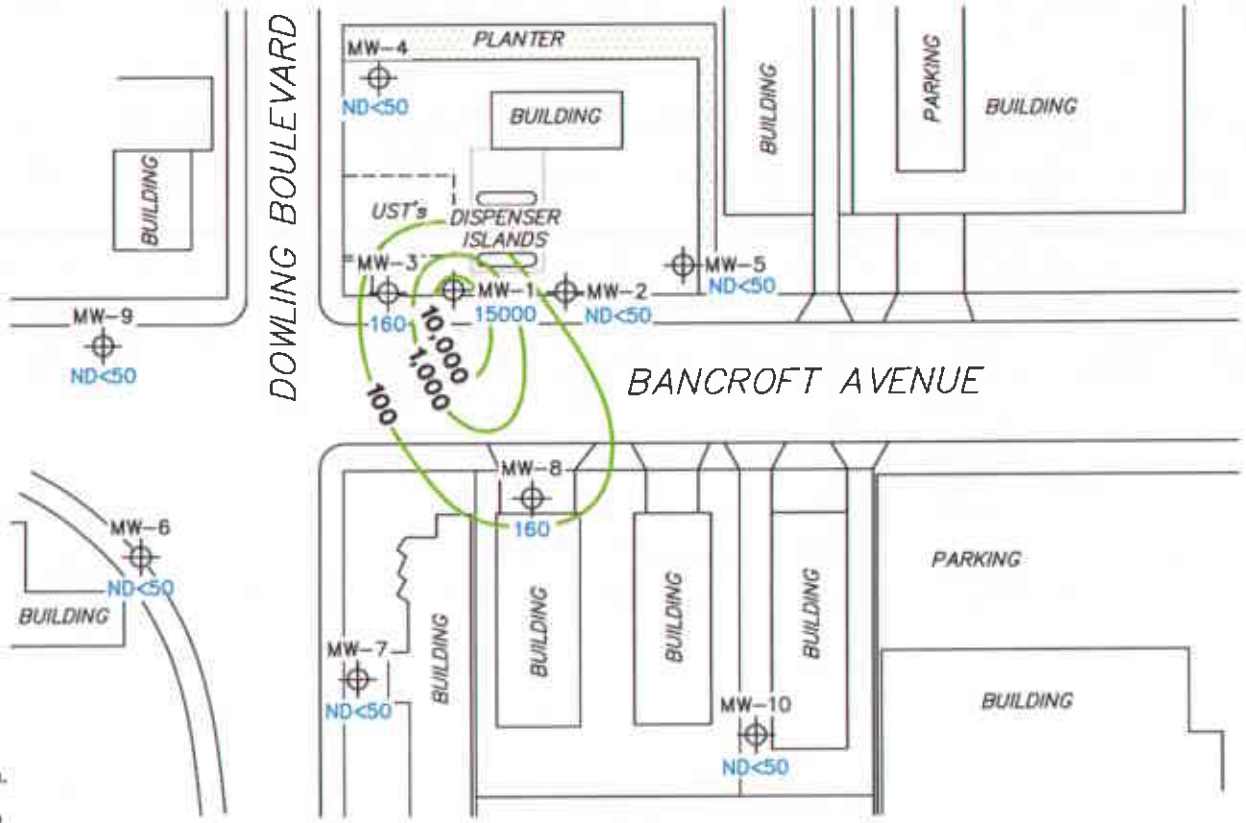

NOTES:

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-10 ⊕ Monitoring Well with Dissolved-Phase TPPH Concentration (µg/l)

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

SCALE (FEET)

0 80

DISSOLVED-PHASE TPPH CONCENTRATION MAP
September 12, 2005

76 Station 5367
500 Bancroft Avenue
San Leandro, California

FIGURE 3

5367-003

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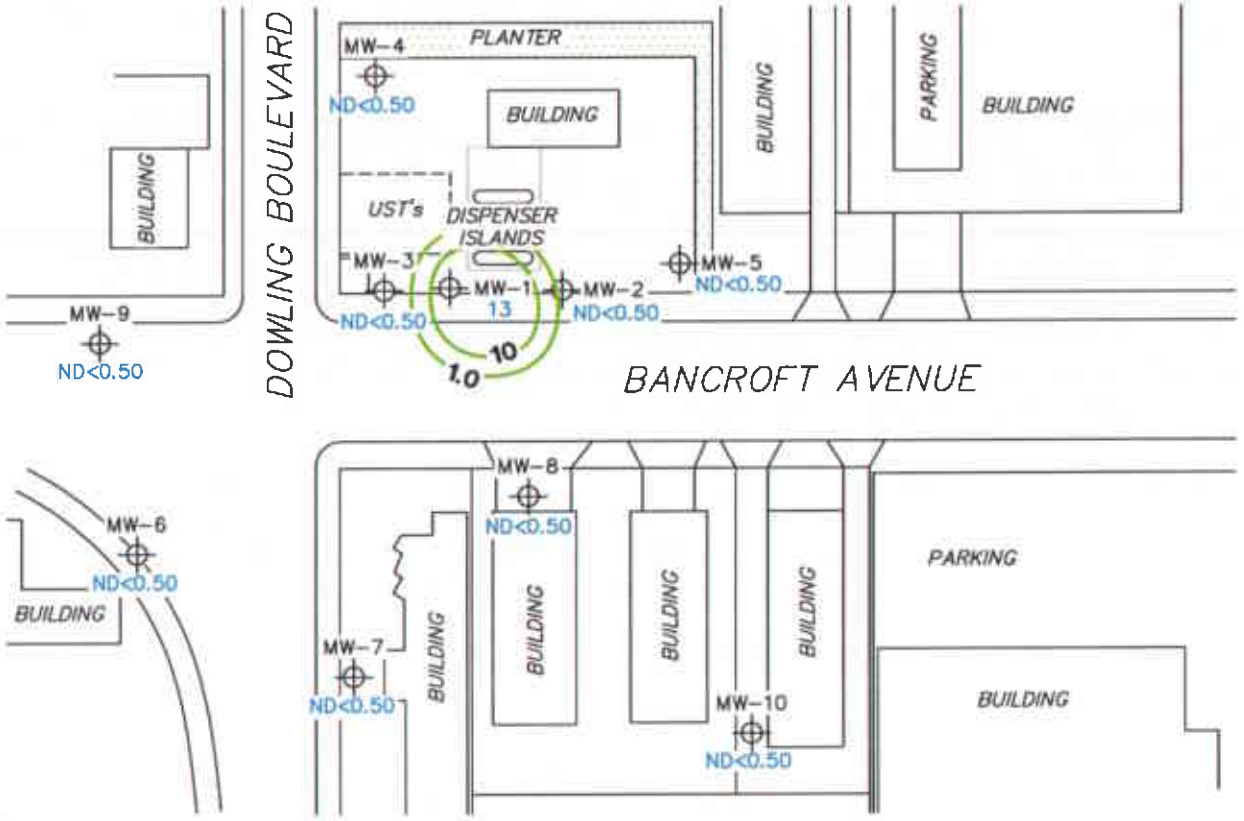

NOTES:

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-10 ⊕ Monitoring Well with Dissolved-Phase Benzene Concentration (µg/l)

10 Dissolved-Phase Benzene Contour (µg/l)

TRC

SCALE (FEET)

0 80

DISSOLVED-PHASE BENZENE CONCENTRATION MAP
September 12, 2005

76 Station 5367
500 Bancroft Avenue
San Leandro, California

FIGURE 4

5367-003

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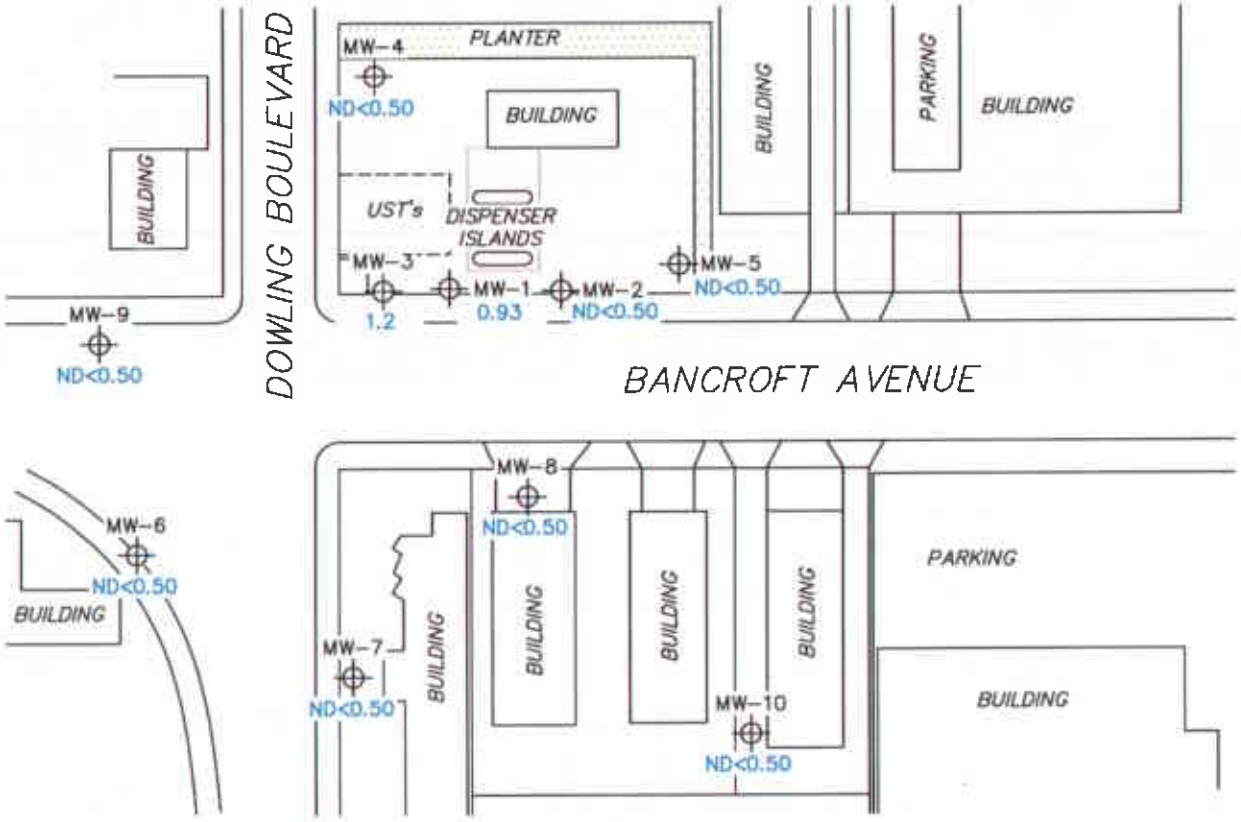

NOTES:

MTBE = methyl tertiary butyl ether.
µg/l = micrograms per liter. ND = not detected at limit indicated on official laboratory report.
UST = underground storage tank. Results obtained using EPA Method 8260B.

LEGEND

MW-10 ⊕ Monitoring Well with Dissolved-Phase MTBE Concentration (µg/l)

SCALE (FEET)

0 80

DISSOLVED-PHASE MTBE CONCENTRATION MAP
September 12, 2005

76 Station 5367
500 Bancroft Avenue
San Leandro, California

FIGURE 5

TRC

5367-003
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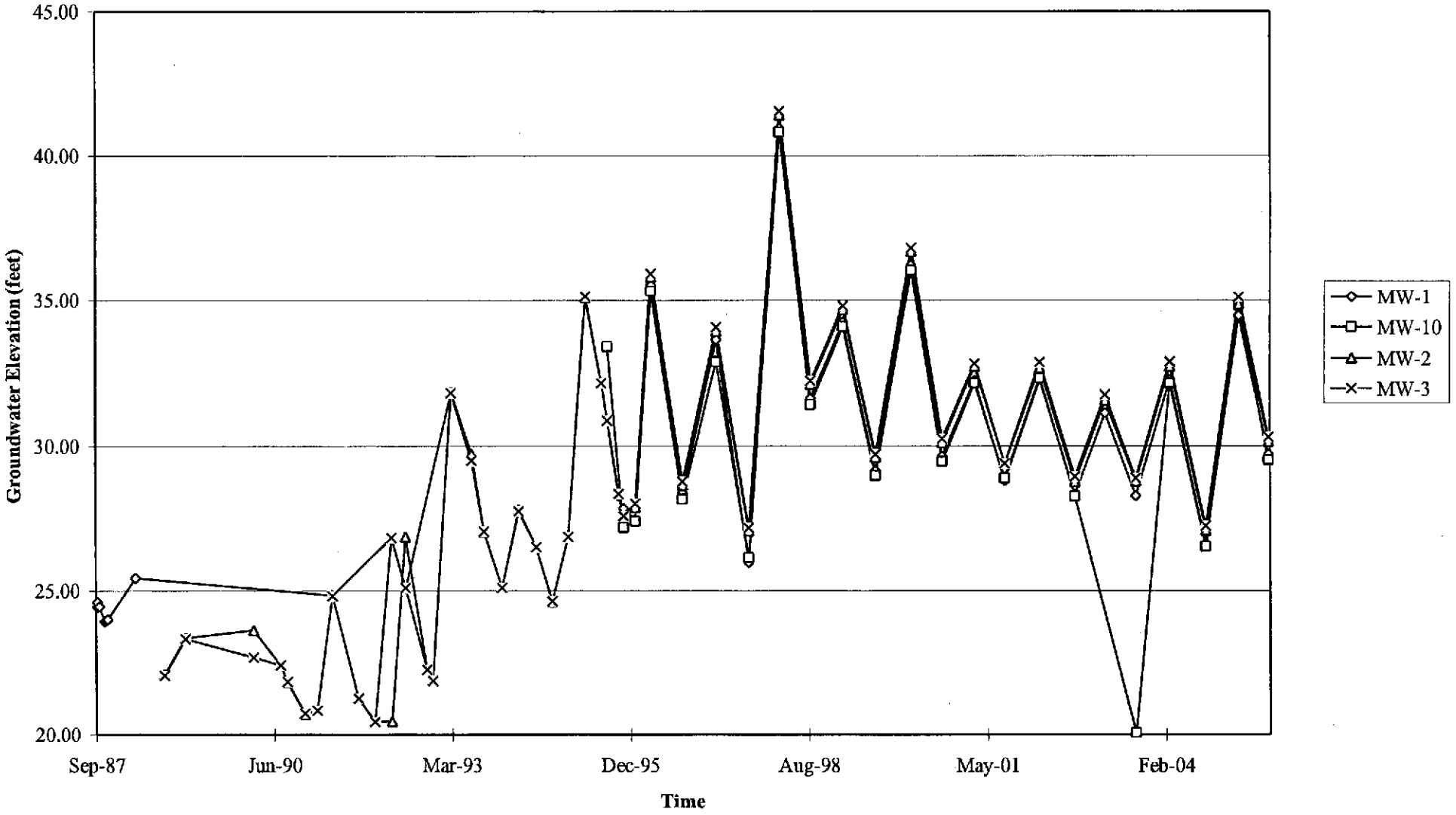
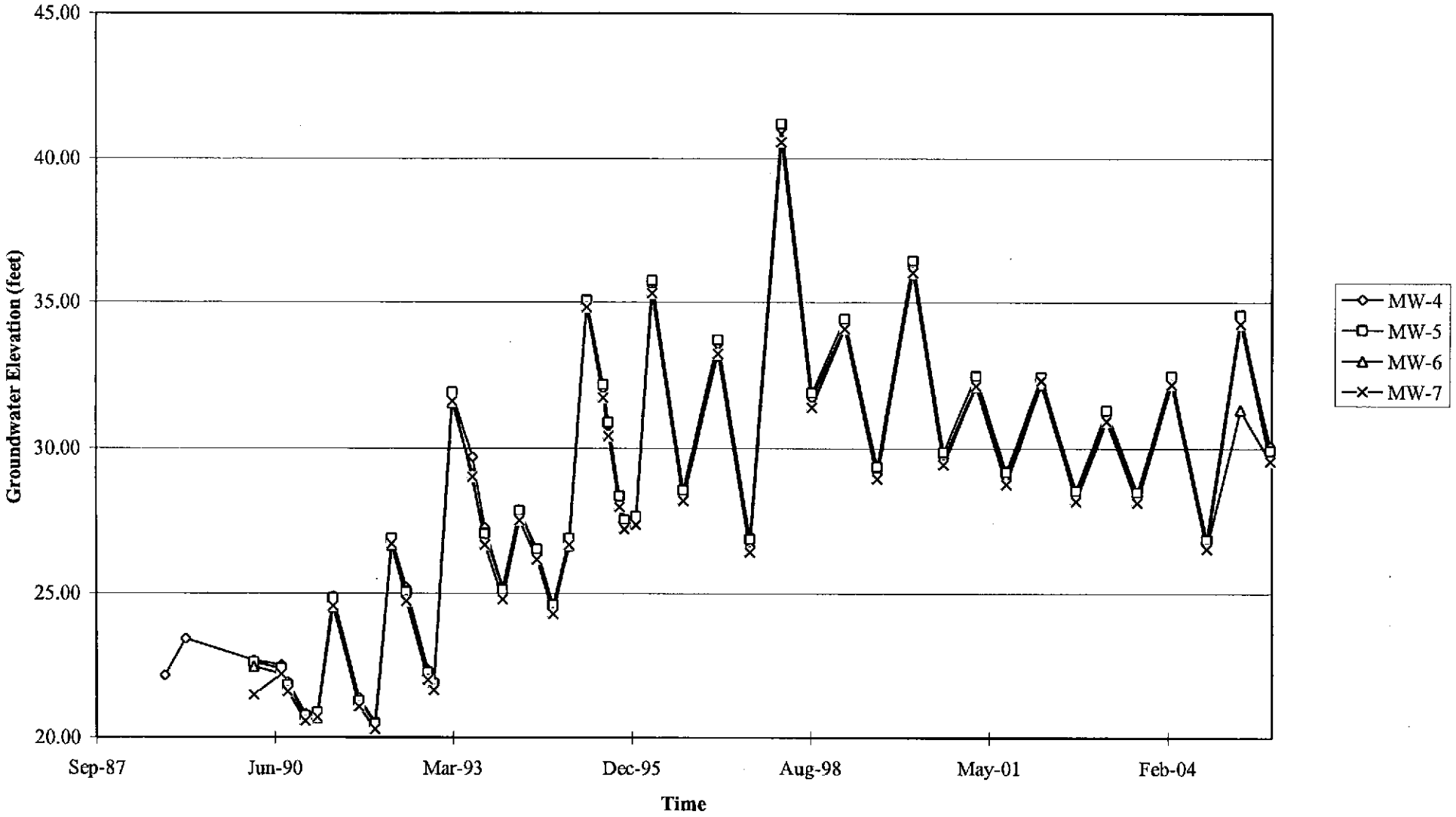
GRAPHS

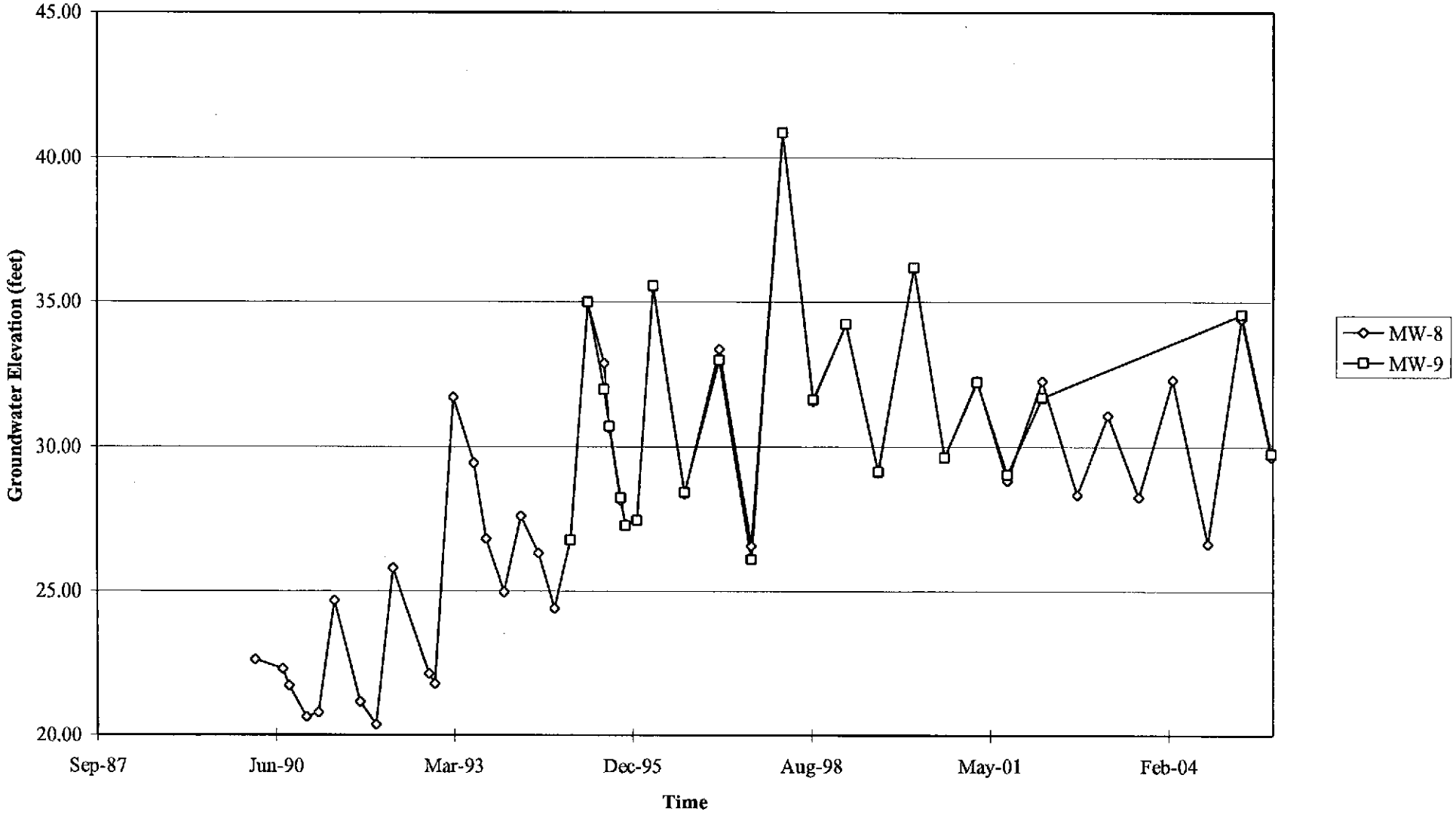
Groundwater Elevations vs. Time
76 Station 5367



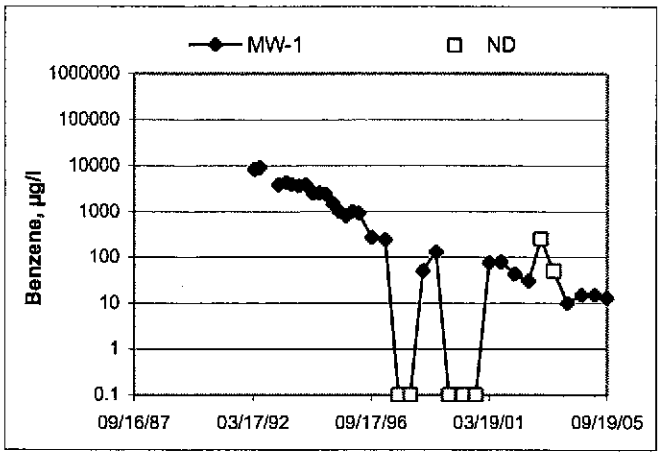
Groundwater Elevations vs. Time
76 Station 5367

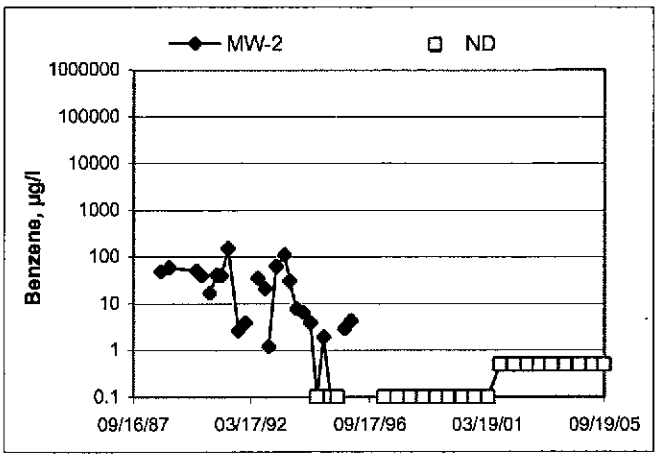


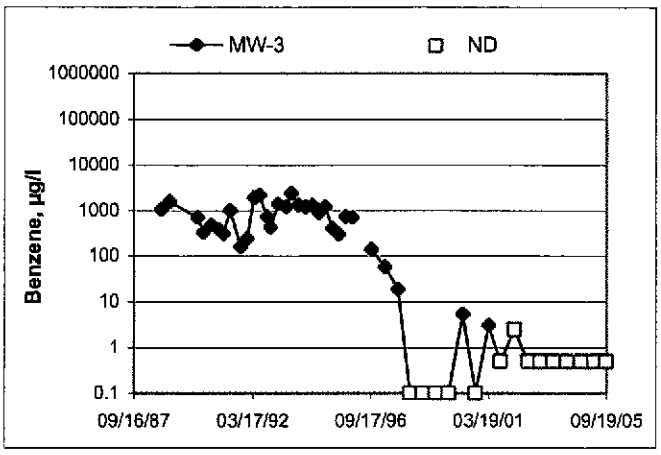
Groundwater Elevations vs. Time
76 Station 5367

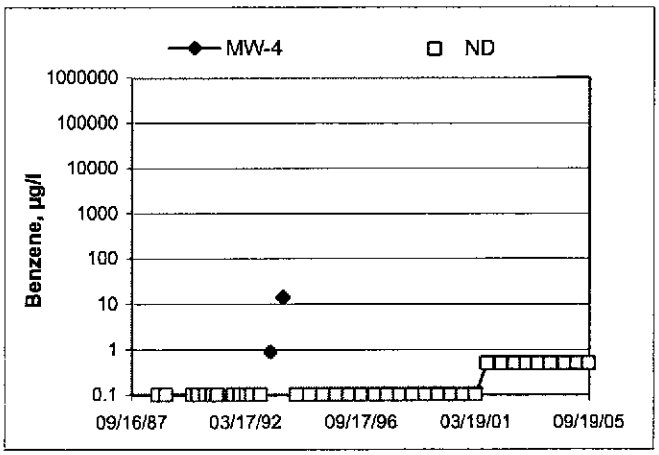


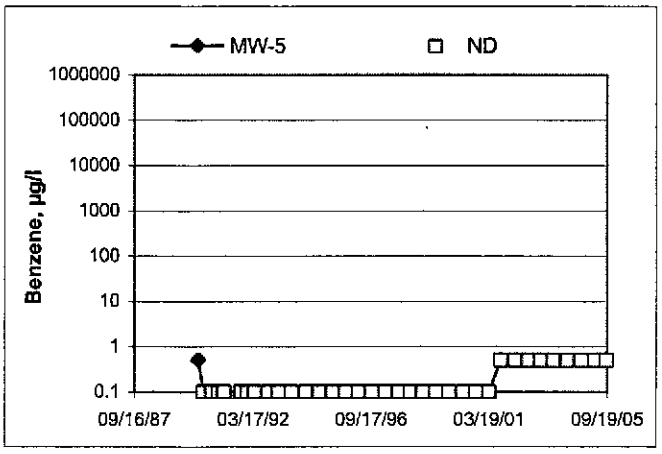
Benzene Concentrations vs Time
76 Station 5367

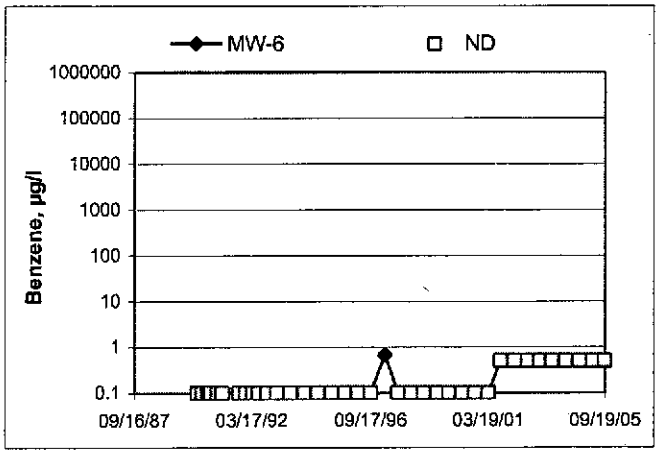


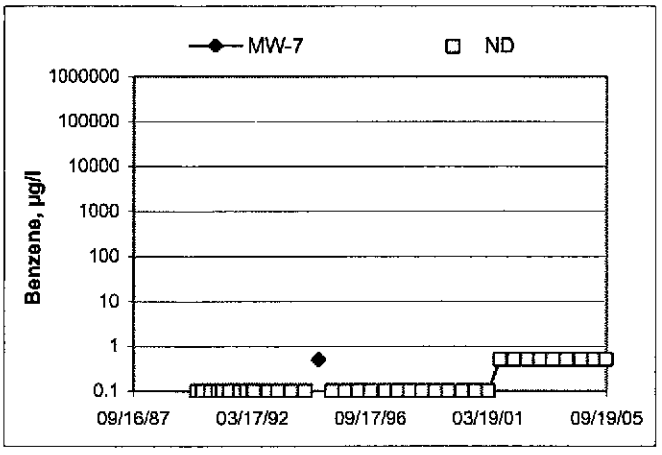


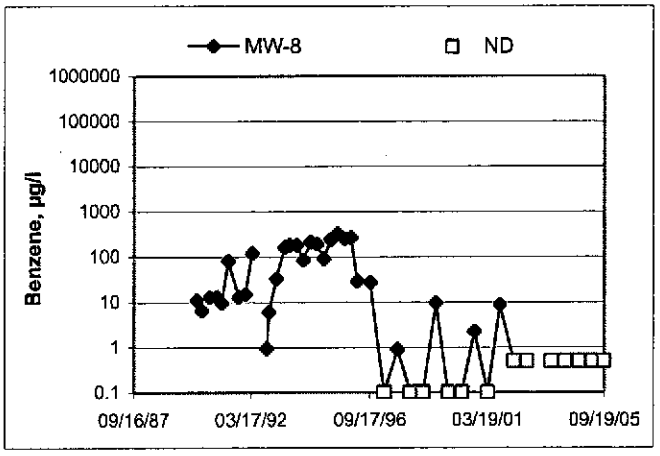




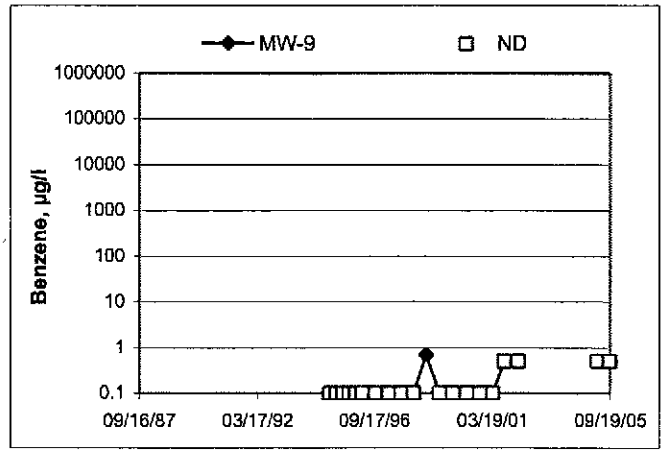


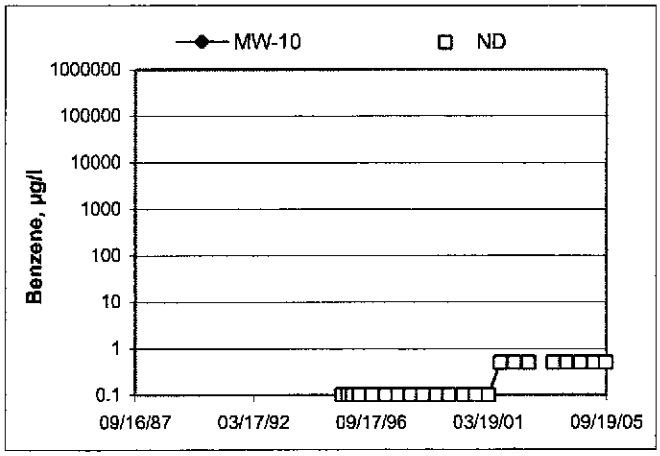






Benzene Concentrations vs Time
76 Station 5367





GENERAL FIELD PROCEDURES

Groundwater Monitoring and Sampling Assignments

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

Fluid Level Measurements

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

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

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

Purging and Groundwater Parameter Measurement

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

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

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

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

Groundwater Sample Collection

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

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

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

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

Sequence of Gauging, Purging and Sampling

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

Decontamination

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

Exceptions

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

FIELD MONITORING DATA SHEET

Technician: Melissa Job #/Task #: 41050001/FA20 Date: 09-12-05

Site # 5367 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-9	0530	✓	42.59	26.73	—	—	1005	2"
MW-6	0538	✓	44.44	27.41	—	—	1024	2"
MW-7	0555	✓	42.69	27.71	—	—	1052	2"
MW-8	0604	✓	43.97	28.07	—	—	0737	2"
MW-10	0616	✓	~~42~~37	29.43	—	—	0800	2"
MW-5	0626	✓	44.33	28.59	—	—	0822	2"
MW-2	0634	✓	46.72	27.98	—	—	0850	4"
MW-3	0645	✓	47.97	27.63	—	—	0917	4"
MW-4	0651	✓	48.73	28.21	—	—	0945	4"
MW-1	0658	✓	35.09	28.13	—	—	1111	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: 5367 Project No.: 41050001 Date: 09-12-05

Well No.: MW-9 Purge Method: Sub

Depth to Water (feet): 26.73 Depth to Product (feet): 0

Total Depth (feet): 42.59 LPH & Water Recovered (gallons): 0

Water Column (feet): 15.86 Casing Diameter (inches): 2"

80% Recharge Depth (feet): 29.90 1 Well Volume (gallons): 3

Time Start	Time Stop	Depth To Water (feet)	Volume Purged (gallons)	Conductivity (uS/cm)	Temperature (F ©)	pH	Turbidity	D.O.
0957			3	440	18.3	6.60		
			6	449	18.6	6.54		
	1001		9	452	18.8	6.55		

Static at Time Sampled	Total Gallons Purged	Time Sampled
26.78	9	1005

Comments:

Well No.: MW-6 Purge Method: S.b

Depth to Water (feet): 27.41 Depth to Product (feet): 0

Total Depth (feet): 44.41 LPH & Water Recovered (gallons): 0

Water Column (feet): 17.00 Casing Diameter (inches): 2"

80% Recharge Depth (feet): 30.81 1 Well Volume (gallons): 3

Time Start	Time Stop	Depth To Water (feet)	Volume Purged (gallons)	Conductivity (uS/cm)	Temperature (F ©)	pH	Turbidity	D.O.
1016			3	454	18.9	6.50		
			6	457	19.2	6.40		
	1020		9	459	19.5	6.48		

Static at Time Sampled	Total Gallons Purged	Time Sampled
27.43	9	1024

Comments:

GROUNDWATER SAMPLING FIELD NOTES

Technician: Melissa

Site: 5367 Project No.: 4105D001 Date: 09-12-05

Well No.: MW-7 Purge Method: HB

Depth to Water (feet): 27.71 Depth to Product (feet): 0

Total Depth (feet): 42.69 LPH & Water Recovered (gallons): 0

Water Column (feet): 14.98 Casing Diameter (inches): 2"

80% Recharge Depth (feet): 30.70 1 Well Volume (gallons): 2

Time Start	Time Stop	Depth To Water (feet)	Volume Purged (gallons)	Conduc-tivity (uS/cm)	Temperature (F C)	pH	Turbidity	D.O.
1038			2	499	18.1	6.49		
			4	501	17.9	6.62		
	1046		6	502	18.0	6.57		

Static at Time Sampled	Total Gallons Purged	Time Sampled
28.07	6	1052

Comments:

Well No.: MW-8 Purge Method: Sub

Depth to Water (feet): 28.07 Depth to Product (feet): 0

Total Depth (feet): 43.97 LPH & Water Recovered (gallons): 0

Water Column (feet): 15.90 Casing Diameter (inches): 2"

80% Recharge Depth (feet): 31.25 1 Well Volume (gallons): 3

Time Start	Time Stop	Depth To Water (feet)	Volume Purged (gallons)	Conduc-tivity (uS/cm)	Temperature (F C)	pH	Turbidity	D.O.
0728			3	592	17.2	6.72 6.75 MV		
			6	582	18.4	6.67		
	0733		9	589	19.0	6.60		

Static at Time Sampled	Total Gallons Purged	Time Sampled
28.09	9	0737

Comments:

GROUNDWATER SAMPLING FIELD NOTES

Technician: Melissa

Site: 5367 Project No.: 41050001 Date: 09-12-05

Well No.: MW-10
Depth to Water (feet): 29.43
Total Depth (feet): 42.37
Water Column (feet): 12.94
80% Recharge Depth (feet): 32.01

Purge Method: Sub
Depth to Product (feet): 0
LPH & Water Recovered (gallons): 0
Casing Diameter (inches): 2"
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.
0753			2	514	17.8	6.51		
			4	507	18.3	6.40		
	0757		6	505	18.4	6.37		

Static at Time Sampled	Total Gallons Purged	Time Sampled
29.49	6	0800

Comments:

Well No.: MW-5
Depth to Water (feet): 28.59
Total Depth (feet): 44.33
Water Column (feet): 15.74
80% Recharge Depth (feet): 31.73

Purge Method: Sub
Depth to Product (feet): 0
LPH & Water Recovered (gallons): 0
Casing Diameter (inches): 2"
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.
0811			3	519	18.3	6.46		
			6	518	18.4	6.47		
	0816		9	520	18.9	6.48		

Static at Time Sampled	Total Gallons Purged	Time Sampled
28.68	9	0822

Comments:

GROUNDWATER SAMPLING FIELD NOTES

Technician: Melissa

Site: 5367 Project No.: 41050001 Date: 09-12-05

Well No.: MW-4 Purge Method: Sub

Depth to Water (feet): 28.21 Depth to Product (feet): 0

Total Depth (feet): 48.73 LPH & Water Recovered (gallons): 0

Water Column (feet): 20.52 Casing Diameter (inches): 4"

80% Recharge Depth (feet): 32.27 1 Well Volume (gallons): 13

Time Start	Time Stop	Depth To Water (feet)	Volume Purged (gallons)	Conduc-tivity (uS/cm)	Temperature (F,C)	pH	Turbidity	D.O.
0929			13	499	18.7	6.68		
			26	502	18.8	6.64		
	0941		39	501	18.7	6.64		

Static at Time Sampled	Total Gallons Purged	Time Sampled
28.40	39	0945

Comments:

Well No.: MW-1 Purge Method: HB

Depth to Water (feet): 28.13 Depth to Product (feet): 0

Total Depth (feet): 35.09 LPH & Water Recovered (gallons): 0

Water Column (feet): 6.96 Casing Diameter (inches): 2"

80% Recharge Depth (feet): 29.52 1 Well Volume (gallons): 1

Time Start	Time Stop	Depth To Water (feet)	Volume Purged (gallons)	Conduc-tivity (uS/cm)	Temperature (F,C)	pH	Turbidity	D.O.
1102			1	709	19.0	6.64		
			2	708	19.1	6.56		
	1108		3	710	19.0	6.59		

Static at Time Sampled	Total Gallons Purged	Time Sampled
28.21	3	1111

Comments:

GROUNDWATER SAMPLING FIELD NOTES

Technician: Melissa

Site: 5367 Project No.: 4105000A Date: 09-12-05

Well No.: MW-2 Purge Method: SUB

Depth to Water (feet): 27.98 Depth to Product (feet): 0

Total Depth (feet): 46.72 LPH & Water Recovered (gallons): 0

Water Column (feet): 18.74 Casing Diameter (inches): 4"

80% Recharge Depth (feet): 31.72 1 Well Volume (gallons): 12

Time Start	Time Stop	Depth To Water (feet)	Volume Purged (gallons)	Conductivity (uS/cm)	Temperature (F.C)	pH	Turbidity	D.O.
0834			12	497	19.0	6.52		
			24	501	19.4	6.53		
	0846		36	502	19.2	6.54		

Static at Time Sampled	Total Gallons Purged	Time Sampled
28.31	36	0850

Comments:

Well No.: MW-3 Purge Method: SUB

Depth to Water (feet): 29.63 Depth to Product (feet): 0

Total Depth (feet): 47.97 LPH & Water Recovered (gallons): 0

Water Column (feet): 20.34 Casing Diameter (inches): 4"

80% Recharge Depth (feet): 31.69 1 Well Volume (gallons): 13

Time Start	Time Stop	Depth To Water (feet)	Volume Purged (gallons)	Conductivity (uS/cm)	Temperature (F.C)	pH	Turbidity	D.O.
0900			13	522	19.5	6.61		
			26	542	19.6	6.63		
	0914		39	552	19.7	6.65		

Static at Time Sampled	Total Gallons Purged	Time Sampled
27.95	39	0917

Comments:

BC Laboratories, Inc

Date of Report: 09/22/2005

Anju Farfan

TRC Alton Geoscience
21 Technology Drive
Irvine, CA 92618-2302
RE: 5367
BC Lab Number: 0508994

Enclosed are the results of analyses for samples received by the laboratory on 09/12/05 21:50. 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: 5367
Project Number: [none]
Project Manager: Anju Farfan

Reported: 09/22/05 10:58

Laboratory / Client Sample Cross Reference

Laboratory	Client Sample Information				
0508994-01	**COC Number:**	---	**Receive Date:**	09/12/05 21:50	Delivery Work Order (LabW:
	Project Number:	5367	**Sampling Date:**	09/12/05 10:05	Global ID: T0600101479
	Sampling Location:	MW-9	**Sample Depth:**	---	Matrix: W
	Sampling Point:	MW-9	**Sample Matrix:**	Water	Samle QC Type (SACode): CS
	Sampled By:	Melissa of TRCI			Cooler ID:
0508994-02	**COC Number:**	---	**Receive Date:**	09/12/05 21:50	Delivery Work Order (LabW:
	Project Number:	5367	**Sampling Date:**	09/12/05 10:24	Global ID: T0600101479
	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:
0508994-03	**COC Number:**	---	**Receive Date:**	09/12/05 21:50	Delivery Work Order (LabW:
	Project Number:	5367	**Sampling Date:**	09/12/05 10:52	Global ID: T0600101479
	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:
0508994-04	**COC Number:**	---	**Receive Date:**	09/12/05 21:50	Delivery Work Order (LabW:
	Project Number:	5367	**Sampling Date:**	09/12/05 07:37	Global ID: T0600101479
	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:
0508994-05	**COC Number:**	---	**Receive Date:**	09/12/05 21:50	Delivery Work Order (LabW:
	Project Number:	5367	**Sampling Date:**	09/12/05 08:00	Global ID: T0600101479
	Sampling Location:	MW-10	**Sample Depth:**	---	Matrix: W
	Sampling Point:	MW-10	**Sample Matrix:**	Water	Samle QC Type (SACode): CS
	Sampled By:	Melissa of TRCI			Cooler ID:

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

Project: 5367
Project Number: [none]
Project Manager: Anju Farfan

Reported: 09/22/05 10:58

Laboratory / Client Sample Cross Reference

Laboratory	Client Sample Information				
0508994-06	**COC Number:**	---	**Receive Date:**	09/12/05 21:50	Delivery Work Order (LabW:
	Project Number:	5367	**Sampling Date:**	09/12/05 08:22	Global ID: T0600101479
	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:
0508994-07	**COC Number:**	---	**Receive Date:**	09/12/05 21:50	Delivery Work Order (LabW:
	Project Number:	5367	**Sampling Date:**	09/12/05 08:50	Global ID: T0600101479
	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:
0508994-08	**COC Number:**	---	**Receive Date:**	09/12/05 21:50	Delivery Work Order (LabW:
	Project Number:	5367	**Sampling Date:**	09/12/05 09:17	Global ID: T0600101479
	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:
0508994-09	**COC Number:**	---	**Receive Date:**	09/12/05 21:50	Delivery Work Order (LabW:
	Project Number:	5367	**Sampling Date:**	09/12/05 09:45	Global ID: T0600101479
	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:
0508994-10	**COC Number:**	---	**Receive Date:**	09/12/05 21:50	Delivery Work Order (LabW:
	Project Number:	5367	**Sampling Date:**	09/12/05 11:11	Global ID: T0600101479
	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:

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

Project: 5367
Project Number: [none]
Project Manager: Anju Farfan

Reported: 09/22/05 10:58

Volatile Organic Analysis (EPA Method 8260)

BCL Sample ID: 0508994-01 | **Client Sample Name:** 5367, MW-9, MW-9, 9/12/2005 10:05:00AM, 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	09/14/05	09/15/05 07:09	MCF	MS-V13	1	BOI0690	ND	
Ethylbenzene	ND	ug/L	0.50		EPA-8260	09/14/05	09/15/05 07:09	MCF	MS-V13	1	BOI0690	ND	
Methyl t-butyl ether	ND	ug/L	0.50		EPA-8260	09/14/05	09/15/05 07:09	MCF	MS-V13	1	BOI0690	ND	
Toluene	ND	ug/L	0.50		EPA-8260	09/14/05	09/15/05 07:09	MCF	MS-V13	1	BOI0690	ND	
Total Xylenes	ND	ug/L	1.0		EPA-8260	09/14/05	09/15/05 07:09	MCF	MS-V13	1	BOI0690	ND	
Total Purgeable Petroleum Hydrocarbons	ND	ug/L	50		EPA-8260	09/14/05	09/15/05 07:09	MCF	MS-V13	1	BOI0690	ND	
1,2-Dichloroethane-d4 (Surrogate)	103	%	76 - 114 (LCL - UCL)		EPA-8260	09/14/05	09/15/05 07:09	MCF	MS-V13	1	BOI0690		
Toluene-d8 (Surrogate)	103	%	88 - 110 (LCL - UCL)		EPA-8260	09/14/05	09/15/05 07:09	MCF	MS-V13	1	BOI0690		
4-Bromofluorobenzene (Surrogate)	98.9	%	86 - 115 (LCL - UCL)		EPA-8260	09/14/05	09/15/05 07:09	MCF	MS-V13	1	BOI0690		

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

Project: 5367
Project Number: [none]
Project Manager: Anju Farfan

Reported: 09/22/05 10:58

Volatile Organic Analysis (EPA Method 8260)

BCL Sample ID: 0508994-02 | **Client Sample Name:** 5367, MW-6, MW-6, 9/12/2005 10:24:00AM, 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	09/14/05	09/15/05 07:31	MCF	MS-V13	1	BOI0690	ND	
Ethylbenzene	ND	ug/L	0.50		EPA-8260	09/14/05	09/15/05 07:31	MCF	MS-V13	1	BOI0690	ND	
Methyl t-butyl ether	ND	ug/L	0.50		EPA-8260	09/14/05	09/15/05 07:31	MCF	MS-V13	1	BOI0690	ND	
Toluene	ND	ug/L	0.50		EPA-8260	09/14/05	09/15/05 07:31	MCF	MS-V13	1	BOI0690	ND	
Total Xylenes	ND	ug/L	1.0		EPA-8260	09/14/05	09/15/05 07:31	MCF	MS-V13	1	BOI0690	ND	
Total Purgeable Petroleum Hydrocarbons	ND	ug/L	50		EPA-8260	09/14/05	09/15/05 07:31	MCF	MS-V13	1	BOI0690	ND	
1,2-Dichloroethane-d4 (Surrogate)	104	%	76 - 114 (LCL - UCL)		EPA-8260	09/14/05	09/15/05 07:31	MCF	MS-V13	1	BOI0690		
Toluene-d8 (Surrogate)	103	%	88 - 110 (LCL - UCL)		EPA-8260	09/14/05	09/15/05 07:31	MCF	MS-V13	1	BOI0690		
4-Bromofluorobenzene (Surrogate)	97.2	%	86 - 115 (LCL - UCL)		EPA-8260	09/14/05	09/15/05 07:31	MCF	MS-V13	1	BOI0690		

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

Project: 5367
Project Number: [none]
Project Manager: Anju Farfan

Reported: 09/22/05 10:58

Volatile Organic Analysis (EPA Method 8260)

BCL Sample ID: 0508994-03 | **Client Sample Name:** 5367, MW-7, MW-7, 9/12/2005 10:52:00AM, Melissa

Constituent	Result	Units	PQL	MDL	Method	Prep Date	Run Date/Time	Analyst	Instrument ID	Dilution	QC Batch ID	MB Bias	Lab Quals
Benzene	ND	ug/L	0.50		EPA-8260	09/14/05	09/15/05 07:53	MCF	MS-V13	1	BOI0690	ND	
Ethylbenzene	ND	ug/L	0.50		EPA-8260	09/14/05	09/15/05 07:53	MCF	MS-V13	1	BOI0690	ND	
Methyl t-butyl ether	ND	ug/L	0.50		EPA-8260	09/14/05	09/15/05 07:53	MCF	MS-V13	1	BOI0690	ND	
Toluene	ND	ug/L	0.50		EPA-8260	09/14/05	09/15/05 07:53	MCF	MS-V13	1	BOI0690	ND	
Total Xylenes	ND	ug/L	1.0		EPA-8260	09/14/05	09/15/05 07:53	MCF	MS-V13	1	BOI0690	ND	
Total Purgeable Petroleum Hydrocarbons	ND	ug/L	50		EPA-8260	09/14/05	09/15/05 07:53	MCF	MS-V13	1	BOI0690	ND	
1,2-Dichloroethane-d4 (Surrogate)	104	%	76 - 114 (LCL - UCL)		EPA-8260	09/14/05	09/15/05 07:53	MCF	MS-V13	1	BOI0690		
Toluene-d8 (Surrogate)	102	%	88 - 110 (LCL - UCL)		EPA-8260	09/14/05	09/15/05 07:53	MCF	MS-V13	1	BOI0690		
4-Bromofluorobenzene (Surrogate)	96.7	%	86 - 115 (LCL - UCL)		EPA-8260	09/14/05	09/15/05 07:53	MCF	MS-V13	1	BOI0690		

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

Project: 5367
Project Number: [none]
Project Manager: Anju Farfan

Reported: 09/22/05 10:58

Volatile Organic Analysis (EPA Method 8260)

BCL Sample ID: 0508994-04 | **Client Sample Name:** 5367, MW-8, MW-8, 9/12/2005 7:37:00AM, 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	09/14/05	09/15/05 08:15	MCF	MS-V13	1	BOI0690	ND	
Ethylbenzene	ND	ug/L	0.50		EPA-8260	09/14/05	09/15/05 08:15	MCF	MS-V13	1	BOI0690	ND	
Methyl t-butyl ether	ND	ug/L	0.50		EPA-8260	09/14/05	09/15/05 08:15	MCF	MS-V13	1	BOI0690	ND	
Toluene	ND	ug/L	0.50		EPA-8260	09/14/05	09/15/05 08:15	MCF	MS-V13	1	BOI0690	ND	
Total Xylenes	ND	ug/L	1.0		EPA-8260	09/14/05	09/15/05 08:15	MCF	MS-V13	1	BOI0690	ND	
Total Purgeable Petroleum Hydrocarbons	160	ug/L	50		EPA-8260	09/14/05	09/15/05 08:15	MCF	MS-V13	1	BOI0690	ND	
1,2-Dichloroethane-d4 (Surrogate)	108	%	76 - 114 (LCL - UCL)		EPA-8260	09/14/05	09/15/05 08:15	MCF	MS-V13	1	BOI0690		
Toluene-d8 (Surrogate)	103	%	88 - 110 (LCL - UCL)		EPA-8260	09/14/05	09/15/05 08:15	MCF	MS-V13	1	BOI0690		
4-Bromofluorobenzene (Surrogate)	97.6	%	86 - 115 (LCL - UCL)		EPA-8260	09/14/05	09/15/05 08:15	MCF	MS-V13	1	BOI0690		

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

Project: 5367
Project Number: [none]
Project Manager: Anju Farfan

Reported: 09/22/05 10:58

Volatile Organic Analysis (EPA Method 8260)

BCL Sample ID: 0508994-05 | **Client Sample Name:** 5367, MW-10, MW-10, 9/12/2005 8:00:00AM, 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	09/14/05	09/15/05 08:37	MCF	MS-V13	1	BOI0690	ND	
Ethylbenzene	ND	ug/L	0.50		EPA-8260	09/14/05	09/15/05 08:37	MCF	MS-V13	1	BOI0690	ND	
Methyl t-butyl ether	ND	ug/L	0.50		EPA-8260	09/14/05	09/15/05 08:37	MCF	MS-V13	1	BOI0690	ND	
Toluene	ND	ug/L	0.50		EPA-8260	09/14/05	09/15/05 08:37	MCF	MS-V13	1	BOI0690	ND	
Total Xylenes	ND	ug/L	1.0		EPA-8260	09/14/05	09/15/05 08:37	MCF	MS-V13	1	BOI0690	ND	
Total Purgeable Petroleum Hydrocarbons	ND	ug/L	50		EPA-8260	09/14/05	09/15/05 08:37	MCF	MS-V13	1	BOI0690	ND	
1,2-Dichloroethane-d4 (Surrogate)	107	%	76 - 114 (LCL - UCL)		EPA-8260	09/14/05	09/15/05 08:37	MCF	MS-V13	1	BOI0690		
Toluene-d8 (Surrogate)	101	%	88 - 110 (LCL - UCL)		EPA-8260	09/14/05	09/15/05 08:37	MCF	MS-V13	1	BOI0690		
4-Bromofluorobenzene (Surrogate)	97.5	%	86 - 115 (LCL - UCL)		EPA-8260	09/14/05	09/15/05 08:37	MCF	MS-V13	1	BOI0690		

TRC Alton Geoscience	Project: 5367	
21 Technology Drive	Project Number: [none]	
Irvine CA, 92618-2302	Project Manager: Anju Farfan	**Reported:** 09/22/05 10:58

Volatile Organic Analysis (EPA Method 8260)

BCL Sample ID: 0508994-06 | **Client Sample Name:** 5367, MW-5, MW-5, 9/12/2005 8:22:00AM, 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	09/14/05	09/15/05 11:55	MCF	MS-V13	1	BOI0700	ND	
Ethylbenzene	ND	ug/L	0.50		EPA-8260	09/14/05	09/15/05 11:55	MCF	MS-V13	1	BOI0700	ND	
Methyl t-butyl ether	ND	ug/L	0.50		EPA-8260	09/14/05	09/15/05 11:55	MCF	MS-V13	1	BOI0700	ND	
Toluene	ND	ug/L	0.50		EPA-8260	09/14/05	09/15/05 11:55	MCF	MS-V13	1	BOI0700	ND	
Total Xylenes	ND	ug/L	1.0		EPA-8260	09/14/05	09/15/05 11:55	MCF	MS-V13	1	BOI0700	ND	
Total Purgeable Petroleum Hydrocarbons	ND	ug/L	50		EPA-8260	09/14/05	09/15/05 11:55	MCF	MS-V13	1	BOI0700	ND	
1,2-Dichloroethane-d4 (Surrogate)	110	%	76 - 114 (LCL - UCL)		EPA-8260	09/14/05	09/15/05 11:55	MCF	MS-V13	1	BOI0700		
Toluene-d8 (Surrogate)	102	%	88 - 110 (LCL - UCL)		EPA-8260	09/14/05	09/15/05 11:55	MCF	MS-V13	1	BOI0700		
4-Bromofluorobenzene (Surrogate)	99.6	%	86 - 115 (LCL - UCL)		EPA-8260	09/14/05	09/15/05 11:55	MCF	MS-V13	1	BOI0700		

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

Project: 5367
Project Number: [none]
Project Manager: Anju Farfan

Reported: 09/22/05 10:58

Volatile Organic Analysis (EPA Method 8260)

BCL Sample ID: 0508994-07 | **Client Sample Name:** 5367, MW-2, MW-2, 9/12/2005 8:50:00AM, 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	09/14/05	09/15/05 12:17	MCF	MS-V13	1	BOI0690	ND	
Ethylbenzene	ND	ug/L	0.50		EPA-8260	09/14/05	09/15/05 12:17	MCF	MS-V13	1	BOI0690	ND	
Methyl t-butyl ether	ND	ug/L	0.50		EPA-8260	09/14/05	09/15/05 12:17	MCF	MS-V13	1	BOI0690	ND	
Toluene	ND	ug/L	0.50		EPA-8260	09/14/05	09/15/05 12:17	MCF	MS-V13	1	BOI0690	ND	
Total Xylenes	ND	ug/L	1.0		EPA-8260	09/14/05	09/15/05 12:17	MCF	MS-V13	1	BOI0690	ND	
Total Purgeable Petroleum Hydrocarbons	ND	ug/L	50		EPA-8260	09/14/05	09/15/05 12:17	MCF	MS-V13	1	BOI0690	ND	
1,2-Dichloroethane-d4 (Surrogate)	110	%	76 - 114	(LCL - UCL)	EPA-8260	09/14/05	09/15/05 12:17	MCF	MS-V13	1	BOI0690		
Toluene-d8 (Surrogate)	102	%	88 - 110	(LCL - UCL)	EPA-8260	09/14/05	09/15/05 12:17	MCF	MS-V13	1	BOI0690		
4-Bromofluorobenzene (Surrogate)	98.8	%	86 - 115	(LCL - UCL)	EPA-8260	09/14/05	09/15/05 12:17	MCF	MS-V13	1	BOI0690		

TRC Alton Geoscience	Project: 5367	
21 Technology Drive	Project Number: [none]	
Irvine CA, 92618-2302	Project Manager: Anju Farfan	**Reported:** 09/22/05 10:58

Volatile Organic Analysis (EPA Method 8260)

BCL Sample ID: 0508994-08 | **Client Sample Name:** 5367, MW-3, MW-3, 9/12/2005 9:17:00AM, 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	09/14/05	09/15/05 12:39	MCF	MS-V13	1	BOI0690	ND	
Ethylbenzene	ND	ug/L	0.50		EPA-8260	09/14/05	09/15/05 12:39	MCF	MS-V13	1	BOI0690	ND	
Methyl t-butyl ether	1.2	ug/L	0.50		EPA-8260	09/14/05	09/15/05 12:39	MCF	MS-V13	1	BOI0690	ND	
Toluene	ND	ug/L	0.50		EPA-8260	09/14/05	09/15/05 12:39	MCF	MS-V13	1	BOI0690	ND	
Total Xylenes	ND	ug/L	1.0		EPA-8260	09/14/05	09/15/05 12:39	MCF	MS-V13	1	BOI0690	ND	
Total Purgeable Petroleum Hydrocarbons	160	ug/L	50		EPA-8260	09/14/05	09/15/05 12:39	MCF	MS-V13	1	BOI0690	ND	
1,2-Dichloroethane-d4 (Surrogate)	107	%	76 - 114 (LCL - UCL)		EPA-8260	09/14/05	09/15/05 12:39	MCF	MS-V13	1	BOI0690		
Toluene-d8 (Surrogate)	102	%	88 - 110 (LCL - UCL)		EPA-8260	09/14/05	09/15/05 12:39	MCF	MS-V13	1	BOI0690		
4-Bromofluorobenzene (Surrogate)	98.3	%	86 - 115 (LCL - UCL)		EPA-8260	09/14/05	09/15/05 12:39	MCF	MS-V13	1	BOI0690		

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

Project: 5367
Project Number: [none]
Project Manager: Anju Farfan

Reported: 09/22/05 10:58

Volatile Organic Analysis (EPA Method 8260)

BCL Sample ID: 0508994-09 | **Client Sample Name:** 5367, MW-4, MW-4, 9/12/2005 9:45:00AM, 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	09/14/05	09/15/05 13:01	MCF	MS-V13	1	BOI0700	ND	
Ethylbenzene	ND	ug/L	0.50		EPA-8260	09/14/05	09/15/05 13:01	MCF	MS-V13	1	BOI0700	ND	
Methyl t-butyl ether	ND	ug/L	0.50		EPA-8260	09/14/05	09/15/05 13:01	MCF	MS-V13	1	BOI0700	ND	
Toluene	ND	ug/L	0.50		EPA-8260	09/14/05	09/15/05 13:01	MCF	MS-V13	1	BOI0700	ND	
Total Xylenes	ND	ug/L	1.0		EPA-8260	09/14/05	09/15/05 13:01	MCF	MS-V13	1	BOI0700	ND	
Total Purgeable Petroleum Hydrocarbons	ND	ug/L	50		EPA-8260	09/14/05	09/15/05 13:01	MCF	MS-V13	1	BOI0700	ND	
1,2-Dichloroethane-d4 (Surrogate)	109	%	76 - 114 (LCL - UCL)		EPA-8260	09/14/05	09/15/05 13:01	MCF	MS-V13	1	BOI0700		
Toluene-d8 (Surrogate)	103	%	88 - 110 (LCL - UCL)		EPA-8260	09/14/05	09/15/05 13:01	MCF	MS-V13	1	BOI0700		
4-Bromofluorobenzene (Surrogate)	97.4	%	86 - 115 (LCL - UCL)		EPA-8260	09/14/05	09/15/05 13:01	MCF	MS-V13	1	BOI0700		

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

Project: 5367
Project Number: [none]
Project Manager: Anju Farfan

Reported: 09/22/05 10:58

Volatile Organic Analysis (EPA Method 8260)

BCL Sample ID: 0508994-10 | **Client Sample Name:** 5367, MW-1, MW-1, 9/12/2005 11:11:00AM, Melissa

Constituent	Result	Units	PQL	MDL	Method	Prep Date	Run Date/Time	Analyst	Instrument ID	Dilution	QC Batch ID	MB Bias	Lab Quals
Benzene	13	ug/L	0.50		EPA-8260	09/14/05	09/16/05 01:58	MCF	MS-V13	1	BOI0700	ND	
Ethylbenzene	1100	ug/L	25		EPA-8260	09/14/05	09/15/05 13:23	MCF	MS-V13	50	BOI0700	ND	A01
Methyl t-butyl ether	0.93	ug/L	0.50		EPA-8260	09/14/05	09/16/05 01:58	MCF	MS-V13	1	BOI0700	ND	
Toluene	1.3	ug/L	0.50		EPA-8260	09/14/05	09/16/05 01:58	MCF	MS-V13	1	BOI0700	ND	
Total Xylenes	110	ug/L	1.0		EPA-8260	09/14/05	09/16/05 01:58	MCF	MS-V13	1	BOI0700	ND	
Total Purgeable Petroleum Hydrocarbons	15000	ug/L	2500		EPA-8260	09/14/05	09/15/05 13:23	MCF	MS-V13	50	BOI0700	ND	A01
1,2-Dichloroethane-d4 (Surrogate)	110	%	76 - 114	(LCL - UCL)	EPA-8260	09/14/05	09/15/05 13:23	MCF	MS-V13	50	BOI0700		
1,2-Dichloroethane-d4 (Surrogate)	111	%	76 - 114	(LCL - UCL)	EPA-8260	09/14/05	09/16/05 01:58	MCF	MS-V13	1	BOI0700		
Toluene-d8 (Surrogate)	112	%	88 - 110	(LCL - UCL)	EPA-8260	09/14/05	09/16/05 01:58	MCF	MS-V13	1	BOI0700		S09
Toluene-d8 (Surrogate)	103	%	88 - 110	(LCL - UCL)	EPA-8260	09/14/05	09/15/05 13:23	MCF	MS-V13	50	BOI0700		
4-Bromofluorobenzene (Surrogate)	62.2	%	86 - 115	(LCL - UCL)	EPA-8260	09/14/05	09/16/05 01:58	MCF	MS-V13	1	BOI0700		S09
4-Bromofluorobenzene (Surrogate)	100	%	86 - 115	(LCL - UCL)	EPA-8260	09/14/05	09/15/05 13:23	MCF	MS-V13	50	BOI0700		

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

Project: 5367
Project Number: [none]
Project Manager: Anju Farfan

Reported: 09/22/05 10:58

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	BOI0690	BOI0690-MS1	Matrix Spike	ND	28.110	25.000	ug/L		112		70 - 130	
		BOI0690-MSD1	Matrix Spike Duplicate	ND	28.960	25.000	ug/L	3.51	116	20	70 - 130	
Toluene	BOI0690	BOI0690-MS1	Matrix Spike	ND	27.150	25.000	ug/L		109		70 - 130	
		BOI0690-MSD1	Matrix Spike Duplicate	ND	27.910	25.000	ug/L	2.71	112	20	70 - 130	
1,2-Dichloroethane-d4 (Surrogate)	BOI0690	BOI0690-MS1	Matrix Spike	ND	10.300	10.000	ug/L		103		76 - 114	
		BOI0690-MSD1	Matrix Spike Duplicate	ND	10.510	10.000	ug/L		105		76 - 114	
Toluene-d8 (Surrogate)	BOI0690	BOI0690-MS1	Matrix Spike	ND	10.120	10.000	ug/L		101		88 - 110	
		BOI0690-MSD1	Matrix Spike Duplicate	ND	10.230	10.000	ug/L		102		88 - 110	
4-Bromofluorobenzene (Surrogate)	BOI0690	BOI0690-MS1	Matrix Spike	ND	9.7800	10.000	ug/L		97.8		86 - 115	
		BOI0690-MSD1	Matrix Spike Duplicate	ND	9.8600	10.000	ug/L		98.6		86 - 115	
Benzene	BOI0700	BOI0700-MS1	Matrix Spike	ND	28.990	25.000	ug/L		116		70 - 130	
		BOI0700-MSD1	Matrix Spike Duplicate	ND	28.590	25.000	ug/L	1.74	114	20	70 - 130	
Toluene	BOI0700	BOI0700-MS1	Matrix Spike	ND	28.240	25.000	ug/L		113		70 - 130	
		BOI0700-MSD1	Matrix Spike Duplicate	ND	28.090	25.000	ug/L	0.889	112	20	70 - 130	
1,2-Dichloroethane-d4 (Surrogate)	BOI0700	BOI0700-MS1	Matrix Spike	ND	10.990	10.000	ug/L		110		76 - 114	
		BOI0700-MSD1	Matrix Spike Duplicate	ND	10.810	10.000	ug/L		108		76 - 114	
Toluene-d8 (Surrogate)	BOI0700	BOI0700-MS1	Matrix Spike	ND	10.210	10.000	ug/L		102		88 - 110	
		BOI0700-MSD1	Matrix Spike Duplicate	ND	10.090	10.000	ug/L		101		88 - 110	
4-Bromofluorobenzene (Surrogate)	BOI0700	BOI0700-MS1	Matrix Spike	ND	9.9900	10.000	ug/L		99.9		86 - 115	
		BOI0700-MSD1	Matrix Spike Duplicate	ND	9.9500	10.000	ug/L		99.5		86 - 115	

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

Project: 5367
Project Number: [none]
Project Manager: Anju Farfan

Reported: 09/22/05 10:58

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	BOI0690	BOI0690-BS1	LCS	30.710	25.000	0.50	ug/L	123		70 - 130		
Toluene	BOI0690	BOI0690-BS1	LCS	30.000	25.000	0.50	ug/L	120		70 - 130		
1,2-Dichloroethane-d4 (Surrogate)	BOI0690	BOI0690-BS1	LCS	10.280	10.000		ug/L	103		76 - 114		
Toluene-d8 (Surrogate)	BOI0690	BOI0690-BS1	LCS	10.180	10.000		ug/L	102		88 - 110		
4-Bromofluorobenzene (Surrogate)	BOI0690	BOI0690-BS1	LCS	9.7500	10.000		ug/L	97.5		86 - 115		
Benzene	BOI0700	BOI0700-BS1	LCS	27.630	25.000	0.50	ug/L	111		70 - 130		
Toluene	BOI0700	BOI0700-BS1	LCS	28.410	25.000	0.50	ug/L	114		70 - 130		
1,2-Dichloroethane-d4 (Surrogate)	BOI0700	BOI0700-BS1	LCS	10.920	10.000		ug/L	109		76 - 114		
Toluene-d8 (Surrogate)	BOI0700	BOI0700-BS1	LCS	10.280	10.000		ug/L	103		88 - 110		
4-Bromofluorobenzene (Surrogate)	BOI0700	BOI0700-BS1	LCS	9.9200	10.000		ug/L	99.2		86 - 115		

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

Project: 5367
Project Number: [none]
Project Manager: Anju Farfan

Reported: 09/22/05 10:58

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	BOI0690	BOI0690-BLK1	ND	ug/L	0.50	0.13	
Ethylbenzene	BOI0690	BOI0690-BLK1	ND	ug/L	0.50	0.14	
Methyl t-butyl ether	BOI0690	BOI0690-BLK1	ND	ug/L	0.50	0.15	
Toluene	BOI0690	BOI0690-BLK1	ND	ug/L	0.50	0.15	
Total Xylenes	BOI0690	BOI0690-BLK1	ND	ug/L	1.0	0.40	
Total Purgeable Petroleum Hydrocarbons	BOI0690	BOI0690-BLK1	ND	ug/L	50	23	
1,2-Dichloroethane-d4 (Surrogate)	BOI0690	BOI0690-BLK1	101	%	76 - 114 (LCL - UCL)		
Toluene-d8 (Surrogate)	BOI0690	BOI0690-BLK1	101	%	88 - 110 (LCL - UCL)		
4-Bromofluorobenzene (Surrogate)	BOI0690	BOI0690-BLK1	96.3	%	86 - 115 (LCL - UCL)		
Benzene	BOI0700	BOI0700-BLK1	ND	ug/L	0.50	0.13	
Ethylbenzene	BOI0700	BOI0700-BLK1	ND	ug/L	0.50	0.14	
Methyl t-butyl ether	BOI0700	BOI0700-BLK1	ND	ug/L	0.50	0.15	
Toluene	BOI0700	BOI0700-BLK1	ND	ug/L	0.50	0.15	
Total Xylenes	BOI0700	BOI0700-BLK1	ND	ug/L	1.0	0.40	
Total Purgeable Petroleum Hydrocarbons	BOI0700	BOI0700-BLK1	ND	ug/L	50	23	
1,2-Dichloroethane-d4 (Surrogate)	BOI0700	BOI0700-BLK1	107	%	76 - 114 (LCL - UCL)		
Toluene-d8 (Surrogate)	BOI0700	BOI0700-BLK1	102	%	88 - 110 (LCL - UCL)		
4-Bromofluorobenzene (Surrogate)	BOI0700	BOI0700-BLK1	99.0	%	86 - 115 (LCL - UCL)		

TRC Alton Geoscience	Project: 5367	
21 Technology Drive	Project Number: [none]	
Irvine CA, 92618-2302	Project Manager: Anju Farfan	**Reported:** 09/22/05 10:58

Notes and Definitions

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

BC LABORATORIES INC. SAMPLE RECEIPT FORM Rev. No. 10 01/21/04 Page 1 of 2

Submission #: 05-8994 | 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 RIW - Emissivity 0.97
Temperature: 12.4 °C Container Voas
Thermometer ID: #48

Date/Time 9/12/05
Analyst Init OTO

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	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: APK Date/Time: 9/13 0030

CHK BY | DISTRIBUTION | SUB-OUT ☐

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

CHAIN OF CUSTODY

#05-8994

Analysis Requested

Circle one: Phillips 66 / Unocal

Address: 500 Bancroft Ave

City: San Leandro

State: CA Zip:

Phillips 66 / Unocal Mgr: Thomas Kosel

Consultant Firm: TRC

21 Techology Drive
Irvine, CA 92618-2302
Attn: Anju Farfan

4-digit site#: 5367

Workorder # 1400TRC501

Project #: 41050001

Sampler Name: Melissa

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

Lab#	Sample Description	Field Point Name	Date	Time Sampled	Matrix	BTEX/MTBE by 8021B, Gas by 8015	TPH GAS by 8015M	TPH DIESEL by 8015	8260 full list w/ MTBE & oxygenates	BTEX/MTBE/OXYS BY 8260B	ETHANOL by 8260B	TPPH by 8260B				Turnaround Time Requested
-1	MW-9	3 voas w/HCL	09/12	1005	GW					X		X				std
-2	MW-6	↓	↓	1024	↓					↓		↓				↓
-3	MW-7	↓	↓	1052	↓					↓		↓				↓
-4	MW-8	↓	↓	0737	↓					↓		↓				↓
-5	MW-10	↓	↓	0800	↓					↓		↓				↓
-6	MW-5	↓	↓	0822	↓					↓		↓				↓
-7	MW-2	↓	↓	0850	↓					↓		↓				↓
-8	MW-3	↓	↓	0917	↓					↓		↓				↓

Comments

GLOBAL ID: T0600101479

Relinquished by: (Signature)	Received by	Date & Time
[signature] [signature]	Refrigerator	09-12-05 / 1200
[signature]	Ross Dickey	9/12/05 1455
Ross Dickey	[signature]	9.12.05, 1255

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

REL [signature] B-LAB, 9.12.05 2150

[signature] 9/12/05 2150

Northern

BC LABORATORIES, INC.

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

CHAIN OF CUSTODY

#05-8994

Analysis Requested

Circle one: Phillips 66 / Unocal	Consultant Firm: TRC
Address: 500 Bancroft Ave.	21 Techology Drive Irvine, CA 92618-2302 Attn: Anju Farfan
City: San Leandro	4-digit site#: 5367 Workorder # 1400TRC501
State: CA / Zip:	Project #: 41050001
Phillips 66 /Unocal Mgr: Thomas Kosel	Sampler Name: Melissa

MATRIX: (GW) Groundwater; (S) Soil; (WW) Wastewater; (SL) Sludge

Lab#	Sample Description	Field Point Name	Date & Time Sampled		MATRIX	BTEX/MTBE by 8021B, Gas by 8015	TPH GAS by 8015M	TPH DIESEL by 8015	8260 full list w/ MTBE & oxygenates	BTEX/MTBE ~~OXYS~~ BY 8260B	ETHANOL by 8260B	TPPH by 8260B				Turnaround Time Requested
-9	MW-4	3 voas w/HCL	09/12	0945	GW					X		X				Std
-10	MW-1	↓	↓	1111	↓					↓		↓				↓

Comments	Relinquished by: (Signature)	Received by:	Date & Time
	[signature]	Refrigerator	09-12-05/1200
GLOBAL ID	Relinquished by: (Signature) [signature, struck out]	Received by: Ross Diday	9/12/05 1455
T0600101479	Relinquished by: (Signature) Ross Diday	Received by: [signature]	9-12-05 1755

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

REL [signature] BC LAB 9-12-05 2150

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 Operati ng Procedures - Water Quality and Compliance", as revised on February 7, 2003. Documentation of compliance with ConocoPhillips requirements is provided by an ESD Form R -149, which is on file at TRC's Concord Office. Purge water containing a significant amo unt 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 w arranty, 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 repo rt, our office should be notified.