RO371

ConocoPhillips

January 26, 2006

Mr. Don Hwang
Alameda County Health Agency
1131 Harbor Bay Parkway, Suite 250
Alameda, CA 94502

Re: **Document Transmittal**
Fuel Leak Case
76 Station #7004
15599 Hesperian Blvd.
San Leandro, CA

Dear Mr. Hwang:

Please find attached Secor's *Quarterly Summary and Monitoring Report - Fourth Quarter 2005, dated 1/31/06,* and TRC's *Quarterly Monitoring Report - October through December 2005, dated 1/4/06* for the above referenced site. I declare, under penalty of perjury, that to the best of my knowledge the information and/or recommendations contained in the attached proposal or report is true and correct.

If you have any questions or need additional information, please call me at (916) 558-7666.

Sincerely,

Thomas H. Kosel

Thomas H. Kosel
Site Manger, Risk Management and Remediation
ConocoPhillips
76 Broadway, Sacramento, CA 95818

Attachment
cc: Tom Potter, Secor

SECOR

SECOR
INTERNATIONAL
INCORPORATED

www.secor.com

3017 Kilgore Road, Suite 100
Rancho Cordova, CA 95670
916-861-0400 TEL
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January 31, 2006

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

RE: **Quarterly Summary and Monitoring Report – Fourth Quarter 2005**
SECOR Project No.: 77CP.60009.01.7004

Dear Mr. Hwang:

On behalf of ConocoPhillips, SECOR International Incorporated (SECOR) is forwarding the quarterly summary report for the following location:

Service Station	**Location**
76 Service Station No. 7004	15599 Hesperian Blvd San Leandro, CA

If you have questions or comments regarding this quarterly summary report, please do not hesitate to contact me at (916) 861-0400.

Sincerely,
SECOR International Incorporated

Thomas M. Potter
Project Scientist

Attachments: SECOR's *Quarterly Summary Report – Fourth Quarter 2005*

cc: Mr. Thomas Kosel, ConocoPhillips
Mr. David Luick, Target Corporation, 1000 Nicollet Mall, TPN – 0725 Minneapolis, MN 55403-9411
Ms. Ann M. Reppe, Targe Corporation – Environmental Services, 33 South 6th Street, CC—3425 Minneapolis, MN 55402
Mr. Alan Guttenberg, Guttenberg, Rapson and Colvin LLP, 101 Lucas Valley Road Suite 216, San Rafael, CA 94903
Gary Ragghianti, Ragghianti Freitas LLP, 874 Fourth Street, Suite D, San Rafael CA 94901
Ms. Shelly Eisaman, Wells Fargo Bank, N.A., Brunetti Trust, 420 Montgomery Street, 3rd Fl., San Francisco, CA 94104
Mr. Ladd Cahoon, Law Office of John D. Edgcomb, 115 Sansome St., Suite 805, San Francisco, CA 94104
Mr. Daniel J. Barry, Stein & Lubin, LLP, Transamerica Pyramid, 600 Montgomery St., 14th Floor, San Francisco, CA 94111

Mr. Michael DiGeronimo, Esq., Miller Starr & Regalia, 1331 N. California Blvd., Fifth Floor, Walnut Creek, CA 94596
Mr. Steve Osborne, Fugro West, INC., 1000 Broadway, Suite 200, Oakland, CA 94607
Mr. Bob Clark-Riddell, Pangea Environmental Services, Inc, 1710 Franklin Street, Suite 200, Oakland, CA 94612

QUARTERLY SUMMARY REPORT
Fourth Quarter 2005

76 Service Station No. 7004
15599 Hesperian Blvd
San Leandro, CA

City/County ID #: San Leandro

County: Alameda

SITE DESCRIPTION

The site is a former 76 Service Station which was demolished in May of 2000. At that time, all subsurface tanks, piping and aboveground components were removed. The site is currently a paved parking lot within a Target department store complex, and is situated adjacent to a former auto parts store, which is currently vacant. The site is located at the northwest corner of Hesperian Boulevard and Lewelling Boulevard in San Leandro, California.

PREVIOUS ASSESSMENT

In October 1990, Kaprealian Engineering, Inc (KEI) observed the removal of three underground storage tanks (USTs) and removal and replacement of product piping at the site. The tanks included one [steel] 12,000-gallon super unleaded fuel tank and two [steel] 12,000-gallon regular unleaded fuel tanks. No holes or cracks were observed in the tanks. Fourteen confirmation soil samples were collected from the tank pit and analyzed for total petroleum hydrocarbons as gasoline (TPHg), and benzene, toluene, ethylbenzene, and xylenes (BTEX). Soil samples collected from the final tank excavation contained up to 30 milligrams per kilogram (mg/kg) TPHg and 0.054 mg/kg benzene. Toluene, ethylbenzene, and xylenes were also detected. A water sample collected from the tank pit contained 4,300 parts per billion (ppb) TPHg and 40 ppb benzene. Samples collected from the final pipeline trenches contained up to 20 mg/kg TPHg and 0.057 mg/kg benzene, as well as toluene, ethylbenzene, and xylenes.

In April and June 1991, KEI supervised the installation of six 2-inch diameter monitoring wells (MW-1 through MW-6). All wells were completed at 25 to 26 feet below ground surface (bgs). Select soil samples and grab groundwater samples from each well were analyzed for TPHg and BTEX. Soil samples contained up to 4,800 parts per million (ppm) TPHg and 23 ppm benzene (17.5 feet bgs in MW-3). Toluene, ethylbenzene, and xylenes were also detected. Post development groundwater samples from these wells contained up to 34,000 ppb TPHg and 6,100 ppb benzene (MW-3).

In April 1992, KEI supervised the installation of one 6-inch diameter recovery well (RW-1). RW-1 was completed at a total depth of 29.5 feet bgs. Soil and groundwater samples were not collected from the boring.

In May 1992, KEI conducted an aquifer test at the site utilizing well RW-1 for extraction and MW-2, MW-3, MW-4, and MW-5 for observation. Aquifer parameters determined from the test (via the Theis method) for RW1 were as follows:

Transmissivity (confined): 35 ft^2/day
Storativity (confined): $6.3E^{-6}$
Conductivity (confined): 0.3 ft/day

In May 2000, Gettler-Ryan (GR) observed the removal of two 12,000-gallon, double-walled USTs and fiberglass product piping and dispensers at the site. At this time all station-related structures were also demolished and removed. Four soil samples were collected from the tank pit excavation, and four soil samples were collected from the pipeline trenches. The samples were analyzed for TPHg, BTEX and methyl tertiary butyl ether (MtBE). Tank pit samples contained up to 350 ppm TPHg, 4.8 ppm ethylbenzene, and 0.81 ppm xylenes, but were non-detectable for benzene and MtBE. Pipeline trench samples were non-detectable for all analytes.

In September 2002, GR conducted a limited subsurface investigation at the site which included drilling and sampling five direct push soil borings (G-1 through G-5), each to a total depth of 20 feet bgs. Soil and groundwater samples were collected from each boring and analyzed for TPHg, BTEX, and fuel oxygenates. All soil samples were non-detect for all analytes, except for one sample collected at 13.5 feet bgs in G-3, which contained 0.051 ppm MtBE and 0.083 ppm tertiary butyl alchohol (TBA). Groundwater samples contained up to 96,000 ppb TPHg, 360 ppb MtBE, and 300 ppb TBA. Benzene was not detected but detection limits in some samples were elevated.

In March 2005, SECOR performed a preferential pathway survey to delineate underground utilities that may act as a water transport beneath the site. Utilities were identified to be underground ranging from 20 inches bgs to 4 feet bgs. Off-site utilities, sewer and storm drain, were identified on the east side of Hesperian Boulevard between 6 and 7 feet bgs. Average groundwater elevation over the last five years is 22.89 feet above mean sea level. Data presented did not identify utilities and associated utility trenches that will act as a preferential pathway.

In May 2005, SECOR conducted a limited subsurface investigation at the site, which included drilling and sampling 23 direct push soil borings (SB-1 through SB-23), at a total depth of 19 feet bgs to 28 feet bgs. Soil and groundwater samples were collected from each boring and analyzed for TPHg, BTEX, and fuel oxygenates. All soil samples were non-detect for all analytes, except for one sample collected at 22 feet bgs in SB-21, which contained 0.24 ppm ethylbenzene, and MtBE and TBA were detected at 13 feet bgs in SB-18 at 0.022 ppm and 0.024 ppm, respectively. Groundwater samples contained up to 4,100 ppb TPHg, 180 ppb MtBE, and 71 ppb TBA. Benzene was detected at 14 ppb.

SENSITIVE RECEPTORS

In 2001, GR performed a ½ mile radius well survey for the site. The survey identified three domestic water supply wells located within 2,500 feet of the site. One of the wells

was located 2,275 feet from the site in the upgradient direction. Two of the wells were located within 2,300 feet of the site in the downgradient direction.

MONITORING AND SAMPLING

The site has been monitored and sampled since second quarter 1991. Between 1991 and 1995, monitoring was conducted quarterly. Between 1996 and 2001 the site was monitored semiannually. From January 2002 to July 2003, the site was monitored monthly. Currently, seven wells (MW-1 through MW-6 and RW-1) are sampled quarterly. Samples are analyzed for total purgeable petroleum hydrocarbons (TPPH), BTEX, and the fuel oxygenates TBA, MtBE, di-isopropyl ether (DIPE), ethyl tert-butyl ether (EtBE), tert-amyl methyl ether (TAME), 1,2-dicholorethane (1,2-DCA), ethylene di-bromide (EDB), and ethanol by EPA Method 8260B.

DISCUSSION

During the fourth quarter 2005, depth to groundwater ranged between 13.01 and 14.37 feet bgs, which was in the range of historical levels. The direction of groundwater flow was toward the northwest at a gradient of 0.006 feet/foot. The flow direction has varied over the past from northwest to west. Prior to first quarter 2005, groundwater generally flowed to the southwest.

Evaluation of dissolved concentrations through the fourth quarter 2005 indicates that the highest concentrations of residual petroleum hydrocarbons and MtBE continue to be detected in on-site wells MW-3, RW-1 and MW-5. TPPH was reported at a maximum concentration of 190 µg/L in the groundwater sample collected from MW-3 this quarter. MtBE was reported at a maximum concentration of 9.4 µg/L this quarter in the sample collected from MW-5.

CHARACTERIZATION STATUS

Samples collected from the initial tank and line replacement in 1990 and during demolition and closure of the service station in 2000, indicate that contamination in soil is limited to areas adjacent to the west and north sides of the former UST pit. Recent groundwater samples collected during site assessment activities indicate petroleum hydrocarbons are adequately delineated to the south and east by borings SB-11 through SB-15, and MW-6, and to the north by borings SB-6, SB-7, MW-1, SB-9, and MW-2. Petroleum hydrocarbons were identified in borings SB-3 through SB-5, therefore, lateral definition has not been achieved to the west.

REMEDIAL PERFORMANCE SUMMARY

Oxygen releasing compound was placed in MW-5 in 1999. Oxygen releasing compound (360 pounds) was also placed in the bottom of the UST pit during the tank removal in 2000.

SECOR performed dual phase extraction (DPE) at the site on November 5 through November 10, 2001. DPE was performed using a 20 hp liquid ring vacuum pump connected to a H2Oil Thermal Oxidizer (Therm-ox) for treatment of the extracted soil

vapors prior to discharge to the atmosphere. DPE tests were performed on well MW-3 for 5.5 hours, RW-1 for 14 hours and simultaneously on wells MW-3 and RW-1 for 72 hours. The total DPE time was approximately 100 hours. Vacuum applied to all three wells was approximately 25 inches of mercury and maximum vacuum flow rates ranged from 51.25 cubic feet per minute (cfm) for MW-3 to 155.22 cfm for MW-3 plus RW-1. Groundwater extraction flow rates ranged from 0.05 to 0.5 gallons per minute. Influent vapor concentrations ranged from 5,200 parts per million by volume (ppmv) TPHg, 150 ppmv benzene, and 370 ppmv MtBE at the start of the test (from well RW-1) to 300 ppmv TPHg, 1.2 ppmv benzene, and 8.1 ppmv MtBE near the end of the test (well RW-1). Based on influent vapor concentrations, average flow rates, and duration of the test, an estimated 36.55 pounds of TPHg, 0.56 pounds of benzene, and 0.47 pounds of MtBE were removed from the subsurface. The estimated radii of influence ranges for MW-3 and RW-1 were 15 to 55 feet and 48 to 85 feet, respectively.

RECENT SUBMITTALS/CORRESPONDENCE

Submitted:

Quarterly Summary and Monitoring Report – Third Quarter 2005, dated November 3, 2005.
Work Plan for Additional Site Assessment, dated October 21, 2005.

WASTE DISPOSAL SUMMARY

The volume of purged groundwater generated and disposed of during the quarterly groundwater monitoring event is documented in TRC's *Quarterly Monitoring Report, October through December 2005,* dated January 4, 2006 (Attachment 1).

THIS QUARTER ACTIVITIES (Fourth Quarter 2005)

1. TRC conducted quarterly groundwater monitoring and sampling event.

2. SECOR prepared and submitted quarterly summary report.

NEXT QUARTER ACTIVITIES (First Quarter 2006)

1. TRC to perform quarterly groundwater monitoring and sampling event.

2. SECOR to prepare and submit quarterly summary and monitoring report.

3. SECOR to implement work plan dated October 21, 2005 pending permit approval.

4. SECOR to place a mobile treatment system on site and start remediation of soil and groundwater.

LIMITATIONS

This report presents our understanding of existing conditions at the subject site. The conclusions contained herein are based on the analytical results, and professional judgment in accordance with current standards of professional practice; no other

warranty is expressed or implied. SECOR assumes no responsibility for exploratory borings or data reported by other consultants or contractors.

Sincerely,
SECOR International Incorporated

Thomas M. Potter
Project Scientist

Adrian Pérez, P.E.
Associate Engineer

Attachment 1: TRC's *Quarterly Monitoring Report – October through December 2005*, dated January 4, 2006

ATTACHMENT 1
TRC'S *QUARTERLY MONITORING REPORT*
OCTOBER THROUGH DECEMBER 2005
76 Service Station No. 7004
15599 Hesperian Blvd
San Leandro, California
January 31, 2006

TRC

January 11, 2006

ConocoPhillips Company
76 Broadway
Sacramento, CA 95818

ATTN: MR. THOMAS KOSEL

SITE: FORMER 76 STATION 7004
15599 HESPERIAN BOULEVARD
SAN LEANDRO, CALIFORNIA

RE: QUARTERLY MONITORING REPORT
OCTOBER THROUGH DECEMBER 2005

Dear Mr. Kosel:

Please find enclosed our Quarterly Monitoring Report for Former 76 Station 7004, located at 15599 Hesperian Boulevard, 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: Mr. Thomas Potter, Secor International, Inc. (2 copies)

Enclosures
20-0400/7004R08.QMS

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

TRC

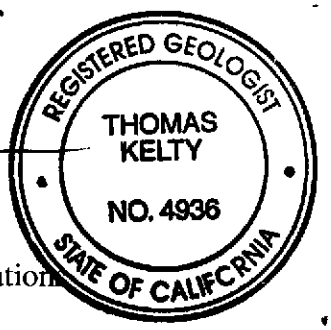
QUARTERLY MONITORING REPORT
OCTOBER THROUGH DECEMBER 2005

Former 76 Station 7004
15599 Hesperian Boulevard
San Leandro, California

Prepared For:

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

By:



Senior Project Geologist, Irvine Operation
January 4, 2006

21 Technology Drive • Irvine, California 92618
Main: 949-727-9336 • Fax: 949-727-7399
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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 MTBE 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
October 2005 through December 2005
Former 76 Station 7004
15599 Hesperian Boulevard
San Leandro, CA

Project Coordinator: **Thomas Kosel**
Telephone: **916-558-7666**
Water Sampling Contractor: ***TRC***
Compiled by: **Jeremiah Hurn**
Date(s) of Gauging/Sampling Event: **12/2/2005**

Sample Points

Groundwater wells: **7** onsite, **0** offsite Wells gauged: **7** Wells sampled: **7**
Purging method: **Diaphragm pump**
Purge water disposal: **Onyx/Rodeo Unit 100**
Other Sample Points: **0** Type: **n/a**

Liquid Phase Hydrocarbons (LPH)

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

Hydrogeologic Parameters

Depth to groundwater (below TOC): Minimum: **13.01 feet** Maximum: **14.37 feet**
Average groundwater elevation (relative to available local datum): **22.68 feet**
Average change in groundwater elevation since previous event: **-0.34 feet**
Interpreted groundwater gradient and flow direction:
Current event: **0.006 ft/ft, northwest**
Previous event: **0.003 ft/ft, west (9/29/2005)**

Selected Laboratory Results

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

Wells with **TPPH 8260B**	**2**	Maximum: **190 µg/l (MW-3)**
Wells with **MTBE**	**3**	Maximum: **9.4 µg/l (MW-5)**

Notes:

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

TABLES

TABLE KEY

STANDARD ABBREVIATIONS

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

ANALYTES

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

NOTES

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

REFERENCE

TRC began groundwater monitoring and sampling for 76 Station 7004 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

December 2, 2005

Former 76 Station 7004

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: 10.0-25.0)**												
12/2/2005	36.39	13.74	0.00	22.65	-0.52	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<0.50	
MW-2		**(Screen Interval in feet: 10.0-25.0)**												
12/2/2005	37.07	14.17	0.00	22.90	-0.34	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<0.50	
MW-3		**(Screen Interval in feet: 10.0-25.0)**												
12/2/2005	36.79	14.21	0.00	22.58	-0.43	--	190	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<0.50	
MW-4		**(Screen Interval in feet: 10.0-26.0)**												
12/2/2005	35.44	13.01	0.00	22.43	-0.44	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	5.6	
MW-5		**(Screen Interval in feet: 10.0-26.0)**												
12/2/2005	36.81	14.37	0.00	22.44	-0.41	--	50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	9.4	
MW-6		**(Screen Interval in feet: 10.0-26.0)**												
12/2/2005	37.13	14.04	0.00	23.09	0.08	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<0.50	
RW-1		**(Screen Interval in feet: 12.5-27.5)**												
12/2/2005	--	14.02	0.00	--	--	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	2.3	

Table 2

HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS

May 1991 Through December 2005

Former 76 Station 7004

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: 10.0-25.0)**													
5/4/1991	--	--	--	--	--	ND	--	ND	ND	ND	ND	--	--	
7/23/1991	--	--	--	--	--	ND	--	ND	ND	ND	ND	--	--	
10/14/1991	--	--	--	--	--	ND	--	ND	ND	ND	ND	--	--	
1/14/1992	--	--	--	--	--	ND	--	ND	ND	ND	ND	--	--	
4/14/1992	--	--	--	--	--	76	--	ND	ND	ND	ND	--	--	
7/9/1992	--	--	--	--	--	70	--	ND	ND	ND	ND	130	--	
10/28/1992	--	--	--	--	--	--	--	--	--	--	--	--	--	Sampled Semi-Annually
1/21/1993	--	--	--	--	--	ND	--	ND	ND	ND	ND	42	--	
4/20/1993	36.89	14.89	0.00	22.00	--	--	--	--	--	--	--	56	--	
7/22/1993	36.89	14.34	0.00	22.55	0.55	ND	--	ND	ND	ND	ND	77	--	
10/6/1993	36.39	14.87	0.00	21.52	-1.03	--	--	--	--	--	--	--	--	
1/11/1994	36.39	15.14	0.00	21.25	-0.27	ND	--	ND	ND	ND	ND	--	--	
4/6/1994	36.39	14.19	0.00	22.20	0.95	--	--	--	--	--	--	--	--	
7/8/1994	36.39	14.66	0.00	21.73	-0.47	ND	--	ND	ND	ND	ND	--	--	
10/6/1994	36.39	16.71	0.00	19.68	-2.05	--	--	--	--	--	--	--	--	
1/5/1995	36.39	14.68	0.00	21.71	2.03	ND	--	ND	ND	ND	ND	--	--	
4/5/1995	36.39	11.76	0.00	24.63	2.92	--	--	--	--	--	--	--	--	
7/14/1995	36.39	12.93	0.00	23.46	-1.17	ND	--	0.65	2.2	ND	2.3	--	--	
10/12/1995	36.39	14.29	0.00	22.10	-1.36	--	--	--	--	--	--	--	--	
1/8/1996	36.39	14.18	0.00	22.21	0.11	ND	--	ND	ND	ND	ND	--	--	
7/8/1996	36.39	12.74	0.00	23.65	1.44	ND	--	ND	ND	ND	ND	ND	--	
1/3/1997	36.39	12.89	0.00	23.50	-0.15	87	--	ND	ND	ND	ND	ND	--	
7/2/1997	36.39	13.66	0.00	22.73	-0.77	ND	--	ND	ND	ND	ND	ND	--	
1/15/1998	36.39	13.08	0.00	23.31	0.58	ND	--	ND	ND	ND	ND	ND	--	

Table 2

HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS

May 1991 Through December 2005

Former 76 Station 7004

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														
7/8/1998	36.39	11.25	0.00	25.14	1.83	ND	--	ND	ND	ND	ND	ND	--	
1/11/1999	36.39	13.68	0.00	22.71	-2.43	51	--	ND	ND	ND	ND	4.8	--	
7/7/1999	36.39	12.15	0.00	24.24	1.53	ND	--	ND	ND	ND	ND	ND	--	
1/4/2000	36.39	13.95	0.00	22.44	-1.80	ND	--	ND	ND	ND	ND	ND	--	
7/15/2000	36.39	13.46	0.00	22.93	0.49	ND	--	ND	0.86	ND	ND	ND	--	
1/19/2001	36.39	12.96	0.00	23.43	0.50	ND	--	ND	ND	ND	ND	ND	--	
7/31/2001	36.39	14.36	0.00	22.03	-1.40	ND	--	ND	ND	ND	ND	ND	--	
1/28/2002	36.39	12.89	0.00	23.50	1.47	ND<50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<2.5	--	
4/22/2002	36.39	12.86	0.00	23.53	0.03	ND<50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<2.5	--	
5/24/2002	36.39	13.16	0.00	23.23	-0.30	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1	--	ND<0.50	
6/21/2002	36.39	13.52	0.00	22.87	-0.36	--	76	ND<0.50	ND<0.50	ND<0.50	ND<1	--	0.59	
7/29/2002	36.39	13.76	0.00	22.63	-0.24	--	54	ND<0.50	ND<0.50	ND<0.50	ND<1	--	ND<2	
8/29/2002	36.39	14.10	0.00	22.29	-0.34	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1	--	ND<2	
9/14/2002	36.39	14.18	0.00	22.21	-0.08	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1	--	ND<2	
10/25/2002	36.39	14.63	0.00	21.76	-0.45	--	ND<50	0.91	ND<0.50	ND<0.50	ND<1	--	ND<2	
11/27/2002	36.39	14.34	0.00	22.05	0.29	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1	--	ND<2	
12/19/2002	36.39	13.60	0.00	22.79	0.74	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1	--	ND<2	
1/24/2003	36.39	12.03	0.00	24.36	1.57	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1	--	ND<2	
2/15/2003	36.39	12.42	0.00	23.97	-0.39	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1	--	ND<2	
3/17/2003	36.39	12.54	0.00	23.85	-0.12	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1	--	ND<2	
4/18/2003	36.39	12.43	0.00	23.96	0.11	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1	--	ND<2	
5/19/2003	36.39	12.38	0.00	24.01	0.05	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1	--	ND<2	
6/16/2003	36.39	13.02	0.00	23.37	-0.64	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1	--	ND<2	
7/18/2003	36.39	13.66	0.00	22.73	-0.64	--	56	ND<0.50	ND<0.50	ND<0.50	ND<1	--	ND<2	

Table 2

HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS

May 1991 Through December 2005

Former 76 Station 7004

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														
10/1/2003	36.39	14.47	0.00	21.92	-0.81	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<0.50	
1/30/2004	36.39	13.14	0.00	23.25	1.33	--	120	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<2.0	
4/26/2004	36.39	12.68	0.00	23.71	0.46	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<0.50	
7/28/2004	36.39	13.79	0.00	22.60	-1.11	--	73	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<0.50	
10/19/2004	36.39	14.04	0.00	22.35	-0.25	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<0.50	
1/5/2005	36.39	13.11	0.00	23.28	0.93	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<0.50	
6/14/2005	36.39	11.58	0.00	24.81	1.53	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<0.50	
9/29/2005	36.39	13.22	0.00	23.17	-1.64	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<0.50	
12/2/2005	36.39	13.74	0.00	22.65	-0.52	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<0.50	
MW-2	**(Screen Interval in feet: 10.0-25.0)**													
5/4/1991	--	--	--	--	--	ND	--	ND	ND	ND	ND	--	--	
7/23/1991	--	--	--	--	--	ND	--	ND	ND	ND	ND	--	--	
10/14/1991	--	--	--	--	--	ND	--	ND	ND	ND	ND	--	--	
1/14/1992	--	--	--	--	--	ND	--	ND	ND	ND	ND	--	--	
4/14/1992	--	--	--	--	--	45	--	ND	ND	ND	ND	--	--	
7/9/1992	--	--	--	--	--	ND	--	ND	ND	ND	ND	49	--	
10/28/1992	--	--	--	--	--	--	--	--	--	--	--	--	--	Sampled Semi-Annually
1/21/1993	--	--	--	--	--	ND	--	ND	ND	ND	ND	17	--	
4/20/1993	37.35	15.20	0.00	22.15	--	--	--	--	--	--	--	80	--	
7/22/1993	37.35	14.75	0.00	22.60	0.45	62	--	ND	ND	ND	ND	42	--	
10/6/1993	37.07	15.49	0.00	21.58	-1.02	--	--	--	--	--	--	--	--	
1/11/1994	37.07	15.77	0.00	21.30	-0.28	120	--	ND	ND	ND	ND	--	--	
4/6/1994	37.07	14.83	0.00	22.24	0.94	--	--	--	--	--	--	--	--	
7/8/1994	37.07	15.28	0.00	21.79	-0.45	140	--	ND	ND	ND	ND	--	--	

Table 2

HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS

May 1991 Through December 2005

Former 76 Station 7004

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														
10/6/1994	37.07	16.32	0.00	20.75	-1.04	--	--	--	--	--	--	--	--	
1/5/1995	37.07	15.30	0.00	21.77	1.02	310	--	ND	ND	ND	ND	--	--	
4/5/1995	37.07	12.12	0.00	24.95	3.18	--	--	--	--	--	--	--	--	
7/14/1995	37.07	13.55	0.00	23.52	-1.43	86	--	ND	ND	ND	ND	--	--	
10/12/1995	37.07	14.88	0.00	22.19	-1.33	--	--	--	--	--	--	--	--	
1/8/1996	37.07	14.81	0.00	22.26	0.07	91	--	ND	ND	ND	ND	--	--	
7/8/1996	37.07	13.37	0.00	23.70	1.44	100	--	ND	ND	ND	ND	ND	--	
1/3/1997	37.07	13.14	0.00	23.93	0.23	160	--	ND	ND	ND	ND	ND	--	
7/2/1997	37.07	14.26	0.00	22.81	-1.12	91	--	ND	ND	ND	ND	ND	--	
1/15/1998	37.07	13.31	0.00	23.76	0.95	ND	--	ND	ND	ND	ND	ND	--	
7/8/1998	37.07	11.57	0.00	25.50	1.74	ND	--	ND	ND	ND	ND	ND	--	
1/11/1999	37.07	14.26	0.00	22.81	-2.69	ND	--	ND	ND	ND	ND	9.8	--	
7/7/1999	37.07	12.24	0.00	24.83	2.02	ND	--	ND	ND	ND	ND	9.4	--	
1/4/2000	37.07	14.14	0.00	22.93	-1.90	ND	--	ND	0.518	ND	ND	9.07	--	
7/15/2000	37.07	13.75	0.00	23.32	0.39	ND	--	ND	0.51	ND	ND	6.0	--	
1/19/2001	37.07	13.37	0.00	23.70	0.38	ND	--	ND	ND	ND	ND	6.84	--	
7/31/2001	37.07	14.96	0.00	22.11	-1.59	ND	--	ND	ND	ND	ND	ND	--	
1/28/2002	37.07	13.51	0.00	23.56	1.45	ND<50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<2.5	--	
4/22/2002	37.07	13.48	0.00	23.59	0.03	ND<50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<2.5	--	
5/24/2002	37.07	13.78	0.00	23.29	-0.30	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1	--	ND<0.50	
6/21/2002	37.07	14.11	0.00	22.96	-0.33	--	100	ND<0.50	ND<0.50	ND<0.50	ND<1	--	ND<0.50	
7/29/2002	37.07	14.36	0.00	22.71	-0.25	--	60	ND<0.50	ND<0.50	ND<0.50	ND<1	--	ND<2	
8/29/2002	37.07	14.71	0.00	22.36	-0.35	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1	--	ND<2	
9/14/2002	37.07	14.81	0.00	22.26	-0.10	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1	--	ND<2	

Table 2

HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS

May 1991 Through December 2005

Former 76 Station 7004

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														
10/25/2002	37.07	15.23	0.00	21.84	-0.42	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1	--	ND<2	
11/27/2002	37.07	14.95	0.00	22.12	0.28	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1	--	ND<2	
12/19/2002	37.07	14.10	0.00	22.97	0.85	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1	--	ND<2	
1/24/2003	37.07	12.64	0.00	24.43	1.46	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1	--	ND<2	
2/15/2003	37.07	13.06	0.00	24.01	-0.42	--	64	ND<0.50	ND<0.50	ND<0.50	ND<1	--	ND<2	
3/17/2003	37.07	13.18	0.00	23.89	-0.12	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1	--	ND<2	
4/18/2003	37.07	13.06	0.00	24.01	0.12	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1	--	ND<2	
5/19/2003	37.07	13.07	0.00	24.00	-0.01	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1	--	ND<2	
6/16/2003	37.07	13.72	0.00	23.35	-0.65	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1	--	ND<2	
7/18/2003	37.07	14.35	0.00	22.72	-0.63	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1	--	ND<2	
10/1/2003	37.07	15.10	0.00	21.97	-0.75	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<0.50	
1/30/2004	37.07	13.78	0.00	23.29	1.32	--	130	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<2.0	
4/26/2004	37.07	13.31	0.00	23.76	0.47	--	53	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<0.50	
7/28/2004	37.07	14.39	0.00	22.68	-1.08	--	63	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<0.50	
10/19/2004	37.07	14.99	0.00	22.08	-0.60	--	56	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<0.50	
1/5/2005	37.07	13.70	0.00	23.37	1.29	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<0.50	
6/14/2005	37.07	12.21	0.00	24.86	1.49	--	96	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<0.50	
9/29/2005	37.07	13.83	0.00	23.24	-1.62	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<0.50	
12/2/2005	37.07	14.17	0.00	22.90	-0.34	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<0.50	
MW-3	**(Screen Interval in feet: 10.0-25.0)**													
5/4/1991	--	--	--	--	--	34000	--	6100	32	1200	6100	--	--	
7/23/1991	--	--	--	--	--	17000	--	5500	26	1800	2800	--	--	
10/14/1991	--	--	--	--	--	25000	--	6300	78	2000	1400	--	--	
1/14/1992	--	--	--	--	--	13000	--	6600	19	2600	1800	--	--	

Table 2

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Former 76 Station 7004

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														
4/14/1992	--	--	--	--	--	16000	--	3400	19	1400	1300	--	--	
7/9/1992	--	--	--	--	--	13000	--	3200	12	1900	1100	--	--	
10/28/1992	--	--	--	--	--	15000	--	4400	15	2400	800	--	--	
1/21/1993	--	--	--	--	--	12000	--	2800	11	1600	590	--	--	
4/20/1993	37.22	15.13	0.00	22.09	--	18000	--	3700	11	2300	1300	410	--	
7/22/1993	37.22	13.52	0.00	23.70	1.61	16000	--	4500	17	3600	1900	440	--	
10/6/1993	36.79	15.41	0.00	21.38	-2.32	24000	--	4100	ND	3600	2000	ND	--	
1/11/1994	36.79	15.66	0.00	21.13	-0.25	19000	--	3300	31	3300	890	--	--	
4/6/1994	36.79	14.72	0.00	22.07	0.94	24000	--	3100	ND	3300	820	--	--	
7/8/1994	36.79	15.20	0.00	21.59	-0.48	18000	--	2200	25	2500	860	--	--	
10/6/1994	36.79	16.23	0.00	20.56	-1.03	20000	--	2100	26	3000	900	--	--	
1/5/1995	36.79	15.12	0.00	21.67	1.11	20000	--	2100	ND	3200	3800	--	--	
4/5/1995	36.79	12.03	0.00	24.76	3.09	18000	--	2100	ND	3700	690	--	--	
7/14/1995	36.79	13.46	0.00	23.33	-1.43	21000	--	1600	ND	3900	1500	--	--	
10/12/1995	36.79	14.81	0.00	21.98	-1.35	17000	--	1000	ND	3600	1000	--	--	
1/8/1996	36.79	14.70	0.00	22.09	0.11	14000	--	760	ND	3100	380	--	--	
7/8/1996	36.79	13.29	0.00	23.50	1.41	16000	--	470	45	4400	1000	340	--	
1/3/1997	36.79	13.09	0.00	23.70	0.20	14000	--	160	ND	2100	120	620	--	
7/2/1997	36.79	13.96	0.00	22.83	-0.87	23000	--	110	ND	3600	1600	1200	--	
1/15/1998	36.79	13.26	0.00	23.53	0.70	12000	--	33	ND	2800	120	1100	--	
7/8/1998	36.79	11.64	0.00	25.15	1.62	20000	--	76	ND	4100	1400	750	--	
1/11/1999	36.79	14.17	0.00	22.62	-2.53	23000	--	ND	ND	4100	460	920	--	
7/7/1999	36.79	13.18	0.00	23.61	0.99	15000	--	35	ND	3400	470	1700	--	
1/4/2000	36.79	14.27	0.00	22.52	-1.09	15500	--	ND	ND	3330	191	827	--	

Table 2

HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS

May 1991 Through December 2005

Former 76 Station 7004

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														
7/15/2000	36.79	13.91	0.00	22.88	0.36	15000	--	ND	ND	3400	420	3300	--	
8/25/2000	36.79	14.24	0.00	22.55	-0.33	--	--	--	--	--	--	1920	--	
1/19/2001	36.79	13.42	0.00	23.37	0.82	11100	--	38.4	ND	1760	38.8	ND	--	
7/31/2001	36.79	14.90	0.00	21.89	-1.48	13000	--	ND	ND	1600	63	ND	--	
1/28/2002	36.79	13.41	0.00	23.38	1.49	82	--	ND<0.50	ND<0.50	10	ND<0.50	ND<2.5	--	
4/22/2002	36.79	13.41	0.00	23.38	0.00	7300	--	39	ND<25	970	ND<25	ND<120	--	
5/24/2002	36.79	13.69	0.00	23.10	-0.28	--	8500	ND<5	ND<5	1200	ND<10	--	12	
6/21/2002	36.79	14.04	0.00	22.75	-0.35	--	11000	ND<5	ND<5	690	ND<10	--	17	
7/29/2002	36.79	14.28	0.00	22.51	-0.24	--	6800	ND<5	ND<5	1100	ND<10	--	ND<20	
8/29/2002	36.79	14.62	0.00	22.17	-0.34	--	7200	ND<25	ND<25	1200	ND<50	--	ND<100	
9/14/2002	36.79	14.72	0.00	22.07	-0.10	--	180	ND<0.50	ND<0.50	20	ND<1	--	ND<2	
10/25/2002	36.79	15.13	0.00	21.66	-0.41	--	1000	ND<0.50	ND<0.50	110	ND<1	--	ND<2	
11/27/2002	36.79	14.85	0.00	21.94	0.28	--	7600	ND<10	ND<10	1200	ND<20	--	ND<40	
12/19/2002	36.79	13.83	0.00	22.96	1.02	--	6400	ND<10	ND<10	810	ND<20	--	ND<40	
1/24/2003	36.79	12.52	0.00	24.27	1.31	--	6600	ND<25	ND<25	930	ND<50	--	ND<100	
2/15/2003	36.79	12.96	0.00	23.83	-0.44	--	8400	ND<10	ND<10	970	ND<20	--	ND<40	
3/17/2003	36.79	13.08	0.00	23.71	-0.12	--	7900	ND<5	ND<5	1100	ND<10	--	ND<20	
4/18/2003	36.79	12.95	0.00	23.84	0.13	--	6700	ND<5	ND<5	1100	ND<10	--	ND<20	
5/19/2003	36.79	13.10	0.00	23.69	-0.15	--	8700	ND<5	ND<5	1100	ND<10	--	ND<20	
6/16/2003	36.79	13.75	0.00	23.04	-0.65	--	7700	ND<10	ND<10	1000	ND<20	--	ND<40	
7/18/2003	36.79	14.43	0.00	22.36	-0.68	--	11000	ND<10	ND<10	1800	1300	--	ND<40	
10/1/2003	36.79	15.12	0.00	21.67	-0.69	--	9000	ND<10	ND<10	820	ND<20	--	ND<10	
1/30/2004	36.79	13.70	0.00	23.09	1.42	--	7800	ND<5.0	ND<5.0	670	ND<10	--	ND<20	
4/26/2004	36.79	13.23	0.00	23.56	0.47	--	9800	ND<5.0	ND<5.0	470	ND<10	--	ND<5.0	

Table 2

HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS

May 1991 Through December 2005

Former 76 Station 7004

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														
7/28/2004	36.79	14.35	0.00	22.44	-1.12	--	10000	ND<5.0	ND<5.0	450	ND<10	--	ND<5.0	
10/19/2004	36.79	14.90	0.00	21.89	-0.55	--	5700	3.2	ND<2.5	210	ND<5.0	--	ND<2.5	
1/5/2005	36.79	13.44	0.00	23.35	1.46	--	4600	0.96	0.73	42	1.4	--	ND<2.5	
6/14/2005	36.79	12.09	0.00	24.70	1.35	--	8400	ND<5.0	ND<5.0	180	ND<10	--	ND<5.0	
9/29/2005	36.79	13.78	0.00	23.01	-1.69	--	670	ND<5.0	ND<5.0	22	ND<10	--	ND<5.0	
12/2/2005	36.79	14.21	0.00	22.58	-0.43	--	190	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<0.50	
MW-4	**(Screen Interval in feet: 10.0-26.0)**													
7/23/1991	--	--	--	--	--	ND	--	ND	ND	ND	ND	--	--	
10/14/1991	--	--	--	--	--	ND	--	ND	ND	ND	ND	--	--	
1/14/1992	--	--	--	--	--	ND	--	ND	ND	ND	ND	--	--	
4/14/1992	--	--	--	--	--	ND	--	ND	ND	ND	ND	--	--	
7/9/1992	--	--	--	--	--	ND	--	ND	ND	ND	ND	--	--	
10/28/1992	--	--	--	--	--	--	--	--	--	--	--	--	--	Sampled Semi-Annually
1/21/1993	--	--	--	--	--	ND	--	ND	ND	ND	ND	--	--	
4/20/1993	35.81	13.84	0.00	21.97	--	--	--	--	--	--	--	65	--	
7/22/1993	35.81	13.52	0.00	22.29	0.32	ND	--	ND	ND	ND	ND	54	--	
10/6/1993	35.44	14.17	0.00	21.27	-1.02	--	--	--	--	--	--	--	--	
1/11/1994	35.44	14.42	0.00	21.02	-0.25	ND	--	ND	ND	ND	ND	--	--	
4/6/1994	35.44	13.44	0.00	22.00	0.98	--	--	--	--	--	--	--	--	
7/8/1994	35.44	13.96	0.00	21.48	-0.52	ND	--	ND	ND	ND	ND	--	--	
10/6/1994	35.44	15.00	0.00	20.44	-1.04	--	--	--	--	--	--	--	--	
1/5/1995	35.44	13.83	0.00	21.61	1.17	ND	--	ND	ND	ND	ND	--	--	
4/5/1995	35.44	11.05	0.00	24.39	2.78	--	--	--	--	--	--	--	--	
7/14/1995	35.44	12.23	0.00	23.21	-1.18	ND	--	ND	ND	ND	ND	--	--	

Table 2

HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS

May 1991 Through December 2005

Former 76 Station 7004

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														
10/12/1995	35.44	13.59	0.00	21.85	-1.36	--	--	--	--	--	--	--	--	
1/8/1996	35.44	13.43	0.00	22.01	0.16	ND	--	ND	ND	ND	ND	--	--	
7/8/1996	35.44	12.04	0.00	23.40	1.39	ND	--	ND	ND	ND	ND	ND	--	
1/3/1997	35.44	12.38	0.00	23.06	-0.34	80	--	ND	ND	ND	ND	ND	--	
7/2/1997	35.44	13.00	0.00	22.44	-0.62	ND	--	ND	ND	ND	ND	25	--	
1/15/1998	35.44	12.50	0.00	22.94	0.50	ND	--	ND	ND	ND	ND	ND	--	
7/8/1998	35.44	10.53	0.00	24.91	1.97	ND	--	ND	ND	ND	ND	25	--	
1/11/1999	35.44	12.95	0.00	22.49	-2.42	ND	--	ND	ND	ND	ND	23	--	
7/7/1999	35.44	11.76	0.00	23.68	1.19	ND	--	ND	ND	ND	ND	15	--	
1/4/2000	35.44	13.17	0.00	22.27	-1.41	ND	--	ND	ND	ND	ND	13.2	--	
7/15/2000	35.44	13.04	0.00	22.40	0.13	ND	--	ND	ND	ND	ND	11	--	
1/19/2001	35.44	12.65	0.00	22.79	0.39	ND	--	ND	ND	ND	ND	9.97	--	
7/31/2001	35.44	13.69	0.00	21.75	-1.04	ND	--	ND	ND	ND	ND	6.0	--	
1/28/2002	35.44	12.17	0.00	23.27	1.52	ND<50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	13	--	
4/22/2002	35.44	12.18	0.00	23.26	-0.01	ND<50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	5.7	--	
5/24/2002	35.44	12.45	0.00	22.99	-0.27	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1	--	2.9	
6/21/2002	35.44	12.48	0.00	22.96	-0.03	--	54	ND<0.50	ND<0.50	ND<0.50	ND<1	--	3.6	
7/29/2002	35.44	13.08	0.00	22.36	-0.60	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1	--	5.7	
8/29/2002	35.44	13.39	0.00	22.05	-0.31	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1	--	8.5	
9/14/2002	35.44	13.49	0.00	21.95	-0.10	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1	--	4.8	
10/25/2002	35.44	13.93	0.00	21.51	-0.44	--	ND<50	0.82	ND<0.50	ND<0.50	ND<1	--	7.1	
11/27/2002	35.44	13.62	0.00	21.82	0.31	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1	--	7.3	
12/19/2002	35.44	12.56	0.00	22.88	1.06	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1	--	8.1	
1/24/2003	35.44	11.26	0.00	24.18	1.30	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1	--	8.4	

Table 2

HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS

May 1991 Through December 2005

Former 76 Station 7004

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														
2/15/2003	35.44	11.71	0.00	23.73	-0.45	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1	--	6.2	
3/17/2003	35.44	11.82	0.00	23.62	-0.11	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1	--	7.3	
4/18/2003	35.44	11.70	0.00	23.74	0.12	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1	--	6.2	
5/19/2003	35.44	11.74	0.00	23.70	-0.04	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1	--	3.2	
6/16/2003	35.44	12.35	0.00	23.09	-0.61	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1	--	4.3	
7/18/2003	35.44	13.06	0.00	22.38	-0.71	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1	--	ND<2	
10/1/2003	35.44	13.81	0.00	21.63	-0.75	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	0.89	
1/30/2004	35.44	12.42	0.00	23.02	1.39	--	55	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	2.2	
4/26/2004	35.44	11.99	0.00	23.45	0.43	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	2.0	
7/28/2004	35.44	13.12	0.00	22.32	-1.13	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	5.8	
10/19/2004	35.44	13.78	0.00	21.66	-0.66	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	2.4	
1/5/2005	35.44	12.21	0.00	23.23	1.57	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	2.7	
6/14/2005	35.44	10.99	0.00	24.45	1.22	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	4.1	
9/29/2005	35.44	12.57	0.00	22.87	-1.58	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	7.0	
12/2/2005	35.44	13.01	0.00	22.43	-0.44	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	5.6	
MW-5	**(Screen Interval in feet: 10.0-26.0)**													
7/23/1991	--	--	--	--	--	260	--	1.2	0.39	10	0.71	--	--	
10/14/1991	--	--	--	--	--	140	--	0.72	ND	1.3	0.89	--	--	
1/14/1992	--	--	--	--	--	60	--	ND	ND	ND	ND	--	--	
4/14/1992	--	--	--	--	--	86	--	ND	ND	ND	ND	--	--	
7/9/1992	--	--	--	--	--	ND	--	ND	ND	ND	ND	71	--	
10/28/1992	--	--	--	--	--	ND	--	ND	ND	ND	ND	45	--	
1/21/1993	--	--	--	--	--	100	--	ND	ND	ND	ND	160	--	
4/20/1993	37.01	14.87	0.00	22.14	--	99	--	ND	ND	ND	ND	120	--	

Table 2

HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS

May 1991 Through December 2005

Former 76 Station 7004

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														
7/22/1993	37.01	14.82	0.00	22.19	0.05	59	--	ND	ND	2.6	ND	42	--	
10/6/1993	36.81	15.61	0.00	21.20	-0.99	150	--	1.1	ND	3.1	0.85	57	--	
1/11/1994	36.81	15.84	0.00	20.97	-0.23	160	--	ND	0.79	0.54	ND	--	--	
4/6/1994	36.81	14.90	0.00	21.91	0.94	260	--	1.4	ND	0.88	ND	--	--	
7/8/1994	36.81	15.38	0.00	21.43	-0.48	200	--	ND	ND	ND	ND	--	--	
10/6/1994	36.81	16.42	0.00	20.39	-1.04	350	--	1.3	ND	ND	ND	--	--	
1/5/1995	36.81	15.20	0.00	21.61	1.22	85	--	ND	ND	ND	ND	--	--	
4/5/1995	36.81	11.72	0.00	25.09	3.48	ND	--	ND	ND	ND	ND	--	--	
7/14/1995	36.81	13.69	0.00	23.12	-1.97	180	--	1.3	ND	7.9	ND	--	--	
10/12/1995	36.81	15.02	0.00	21.79	-1.33	310	--	ND	ND	31	1.2	--	--	
1/8/1996	36.81	14.85	0.00	21.96	0.17	ND	--	0.55	ND	ND	0.58	--	--	
7/8/1996	36.81	13.52	0.00	23.29	1.33	140	--	2.1	1.4	5.6	0.51	110	--	
7/12/1996	36.81	14.50	0.00	22.31	-0.98	--	--	--	--	--	--	--	--	
1/3/1997	36.81	12.85	0.00	23.96	1.65	12000	--	150	ND	2100	120	660	--	
7/2/1997	36.81	13.79	0.00	23.02	-0.94	ND	--	ND	ND	ND	ND	72	--	
1/15/1998	36.81	13.03	0.00	23.78	0.76	69	--	ND	ND	ND	ND	--	--	
7/8/1998	36.81	12.05	0.00	24.76	0.98	ND	--	0.74	ND	ND	ND	95	--	
1/11/1999	36.81	14.41	0.00	22.40	-2.36	ND	--	1.0	ND	ND	ND	170	--	
7/7/1999	36.81	12.38	0.00	24.43	2.03	130	--	0.64	ND	ND	ND	330	--	
1/4/2000	36.81	14.33	0.00	22.48	-1.95	ND	--	ND	ND	ND	ND	183	--	
7/15/2000	36.81	13.88	0.00	22.93	0.45	ND	--	0.68	ND	ND	ND	350	--	
1/19/2001	36.81	13.41	0.00	23.40	0.47	ND	--	ND	ND	ND	ND	195	--	
7/31/2001	36.81	15.12	0.00	21.69	-1.71	ND	--	ND	ND	ND	ND	190	--	
1/28/2002	36.81	13.59	0.00	23.22	1.53	ND<50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	97	--	

Table 2

HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS

May 1991 Through December 2005

Former 76 Station 7004

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														
4/22/2002	36.81	13.61	0.00	23.20	-0.02	ND<50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	160	--	
5/24/2002	36.81	13.89	0.00	22.92	-0.28	--	89	ND<0.50	ND<0.50	ND<0.50	ND<1	--	180	
6/21/2002	36.81	14.22	0.00	22.59	-0.33	--	190	ND<0.50	ND<0.50	ND<0.50	ND<1	--	85	
7/29/2002	36.81	14.48	0.00	22.33	-0.26	--	120	ND<0.50	ND<0.50	ND<0.50	ND<1	--	76	
8/29/2002	36.81	14.80	0.00	22.01	-0.32	--	ND<500	ND<5	ND<5	ND<5	ND<10	--	380	
9/14/2002	36.81	14.91	0.00	21.90	-0.11	--	130	ND<0.50	ND<0.50	ND<0.50	ND<1	--	91	
10/25/2002	36.81	15.32	0.00	21.49	-0.41	--	ND<200	ND<2	ND<2	ND<2	ND<4.0	--	270	
11/27/2002	36.81	15.03	0.00	21.78	0.29	--	ND<250	ND<2.5	ND<2.5	ND<2.5	ND<5	--	330	
12/19/2002	36.81	13.75	0.00	23.06	1.28	--	290	ND<2.5	ND<2.5	ND<2.5	ND<5	--	320	
1/24/2003	36.81	12.68	0.00	24.13	1.07	--	ND<250	ND<2.5	ND<2.5	ND<2.5	ND<5	--	200	
2/15/2003	36.81	13.15	0.00	23.66	-0.47	--	82	ND<0.50	ND<0.50	ND<0.50	ND<1	--	180	
3/17/2003	36.81	13.26	0.00	23.55	-0.11	--	400	ND<2.5	ND<2.5	ND<2.5	ND<5	--	510	
4/18/2003	36.81	13.14	0.00	23.67	0.12	--	140	ND<0.50	ND<0.50	ND<0.50	ND<1	--	170	
5/19/2003	36.81	13.45	0.00	23.36	-0.31	--	ND<500	ND<5	ND<5	ND<5	ND<10	--	1000	
6/16/2003	36.81	14.07	0.00	22.74	-0.62	--	ND<500	ND<5	ND<5	ND<5	ND<10	--	730	
7/18/2003	36.81	14.71	0.00	22.10	-0.64	--	ND<250	ND<2.5	ND<2.5	ND<2.5	ND<5	--	260	
10/1/2003	36.81	15.36	0.00	21.45	-0.65	--	220	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	100	
1/30/2004	36.81	14.05	0.00	22.76	1.31	--	460	ND<1.0	ND<1.0	ND<1.0	ND<2.0	--	210	
4/26/2004	36.81	13.60	0.00	23.21	0.45	--	260	ND<1.0	ND<1.0	ND<1.0	ND<2.0	--	200	
7/28/2004	36.81	14.53	0.00	22.28	-0.93	--	140	ND<1.0	ND<1.0	ND<1.0	ND<2.0	--	130	
10/19/2004	36.81	15.13	0.00	21.68	-0.60	--	120	0.53	ND<0.50	ND<0.50	ND<1.0	--	76	
1/5/2005	36.81	13.48	0.00	23.33	1.65	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	89	
6/14/2005	36.81	12.31	0.00	24.50	1.17	--	230	0.70	ND<0.50	ND<0.50	ND<1.0	--	110	
9/29/2005	36.81	13.96	0.00	22.85	-1.65	--	270	0.56	ND<0.50	ND<0.50	ND<1.0	--	55	

Table 2

HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS

May 1991 Through December 2005

Former 76 Station 7004

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														
12/2/2005	36.81	14.37	0.00	22.44	-0.41	--	50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	9.4	
MW-6	**(Screen Interval in feet: 10.0-26.0)**													
7/23/1991	--	--	0.00	--	--	ND	--	ND	ND	ND	ND	--	--	
10/14/1991	--	--	0.00	--	--	ND	--	ND	ND	ND	ND	--	--	
1/14/1992	--	--	0.00	--	--	ND	--	ND	ND	ND	ND	--	--	
4/14/1992	--	--	0.00	--	--	ND	--	ND	ND	ND	ND	--	--	
7/9/1992	--	--	0.00	--	--	ND	--	ND	ND	ND	ND	--	--	
10/28/1992	--	--	0.00	--	--	--	--	--	--	--	--	--	--	Sampled Semi-Annually
1/21/1993	--	--	0.00	--	--	ND	--	ND	ND	ND	ND	--	--	
4/20/1993	37.55	15.27	0.00	22.28	--	--	--	--	--	--	--	ND	--	
7/22/1993	37.55	15.20	0.00	22.35	0.07	ND	--	ND	ND	ND	ND	ND	--	
10/6/1993	37.13	15.75	0.00	21.38	-0.97	--	--	--	--	--	--	--	--	
1/11/1994	37.13	16.02	0.00	21.11	-0.27	ND	--	ND	ND	ND	ND	--	--	
4/6/1994	37.13	15.07	0.00	22.06	0.95	--	--	--	--	--	--	--	--	
7/8/1994	37.13	15.55	0.00	21.58	-0.48	ND	--	ND	ND	ND	ND	--	--	
10/6/1994	37.13	16.58	0.00	20.55	-1.03	--	--	--	--	--	--	--	--	
1/5/1995	37.13	15.42	0.00	21.71	1.16	ND	--	ND	ND	ND	ND	--	--	
4/5/1995	37.13	12.14	0.00	24.99	3.28	--	--	--	--	--	--	--	--	
7/14/1995	37.13	13.87	0.00	23.26	-1.73	ND	--	ND	ND	ND	ND	--	--	
10/12/1995	37.13	15.17	0.00	21.96	-1.30	--	--	--	--	--	--	--	--	
1/8/1996	37.13	15.05	0.00	22.08	0.12	ND	--	ND	ND	ND	ND	--	--	
7/8/1996	37.13	13.71	0.00	23.42	1.34	ND	--	ND	ND	ND	ND	ND	--	
1/3/1997	37.13	13.12	0.00	24.01	0.59	97	--	ND	ND	ND	ND	ND	--	
7/2/1997	37.13	14.57	0.00	22.56	-1.45	ND	--	ND	ND	ND	ND	ND	--	

Table 2

HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS

May 1991 Through December 2005

Former 76 Station 7004

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														
1/15/1998	37.13	13.30	0.00	23.83	1.27	ND	--	ND	ND	ND	ND	ND	--	
7/8/1998	37.13	12.33	0.00	24.80	0.97	ND	--	ND	ND	ND	ND	ND	--	
1/11/1999	37.13	14.60	0.00	22.53	-2.27	ND	--	ND	ND	ND	ND	ND	--	
7/7/1999	37.13	13.23	0.00	23.90	1.37	ND	--	ND	ND	ND	ND	ND	--	
1/4/2000	37.13	14.41	0.00	22.72	-1.18	ND	--	ND	ND	ND	ND	ND	--	
7/15/2000	37.13	14.05	0.00	23.08	0.36	ND	--	ND	ND	ND	ND	ND	--	
1/19/2001	37.13	13.58	0.00	23.55	0.47	ND	--	ND	ND	ND	ND	ND	--	
7/31/2001	37.13	15.24	0.00	21.89	-1.66	ND	--	ND	ND	ND	ND	ND	--	
1/28/2002	37.13	13.80	0.00	23.33	1.44	ND<50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<2.5	--	
4/22/2002	37.13	13.22	0.00	23.91	0.58	ND<50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<2.5	--	
5/24/2002	37.13	14.07	0.00	23.06	-0.85	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1	--	ND<0.50	
6/21/2002	37.13	14.38	0.00	22.75	-0.31	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1	--	ND<0.50	
7/29/2002	37.13	14.64	0.00	22.49	-0.26	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1	--	ND<2	
8/29/2002	37.13	14.97	0.00	22.16	-0.33	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1	--	ND<2	
9/14/2002	37.13	15.04	0.00	22.09	-0.07	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1	--	ND<2	
10/25/2002	37.13	15.46	0.00	21.67	-0.42	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1	--	ND<2	
11/27/2002	37.13	15.17	0.00	21.96	0.29	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1	--	ND<2	
12/19/2002	37.13	13.88	0.00	23.25	1.29	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1	--	ND<2	
1/24/2003	37.13	12.91	0.00	24.22	0.97	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1	--	ND<2	
2/15/2003	37.13	13.38	0.00	23.75	-0.47	--	ND<50	ND<0.50	ND<0.50	0.98	3.6	--	ND<2	
3/17/2003	37.13	13.49	0.00	23.64	-0.11	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1	--	ND<2	
4/18/2003	37.13	13.33	0.00	23.80	0.16	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1	--	ND<2	
5/19/2003	37.13	13.73	0.00	23.40	-0.40	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1	--	ND<2	
6/16/2003	37.13	14.41	0.00	22.72	-0.68	--	97	ND<0.50	ND<0.50	ND<0.50	ND<1	--	ND<2	

Table 2

HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS

May 1991 Through December 2005

Former 76 Station 7004

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														
7/18/2003	37.13	15.01	0.00	22.12	-0.60	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1	--	ND<2	
10/1/2003	37.13	15.58	0.00	21.55	-0.57	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<0.50	
1/30/2004	37.13	14.05	0.00	23.08	1.53	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<2.0	
4/26/2004	37.13	13.64	0.00	23.49	0.41	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<0.50	
7/28/2004	37.13	14.68	0.00	22.45	-1.04	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<0.50	
10/19/2004	37.13	15.21	0.00	21.92	-0.53	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<0.50	
1/5/2005	37.13	13.68	0.00	23.45	1.53	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<0.50	
6/14/2005	37.13	12.52	0.00	24.61	1.16	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<0.50	
9/29/2005	37.13	14.12	0.00	23.01	-1.60	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<0.50	
12/2/2005	37.13	14.04	0.00	23.09	0.08	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<0.50	
RW-1	**(Screen Interval in feet: 12.5-27.5)**													
7/8/1998	--	11.72	0.00	--	--	80	--	1.7	ND	ND	ND	1300	--	
1/11/1999	--	14.05	0.00	--	--	ND	--	3.0	ND	ND	ND	1200	--	
7/7/1999	--	13.05	0.00	--	--	ND	--	ND	ND	ND	ND	590	--	
1/4/2000	--	14.26	0.00	--	--	ND	--	ND	ND	ND	ND	270	--	
7/15/2000	--	13.77	0.00	--	--	ND	--	0.55	ND	ND	ND	460	--	
1/19/2001	--	13.29	0.00	--	--	ND	--	ND	ND	ND	ND	338	--	
7/31/2001	--	14.72	0.00	--	--	ND	--	ND	ND	ND	ND	1900	--	
1/28/2002	--	13.21	0.00	--	--	72	--	0.98	ND<0.50	ND<0.50	ND<0.50	460	--	
4/22/2002	--	13.22	0.00	--	--	ND<50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	290	--	
5/24/2002	--	13.51	0.00	--	--	--	1200	ND<1	ND<1	30	ND<2	--	300	
6/21/2002	--	13.85	0.00	--	--	--	400	ND<0.50	ND<0.50	ND<0.50	ND<1	--	130	
7/29/2002	--	14.11	0.00	--	--	--	130	ND<0.50	ND<0.50	ND<0.50	ND<1	--	91	
8/29/2002	--	14.43	0.00	--	--	--	2400	ND<2	ND<2	47	ND<4.0	--	210	

Table 2

HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS

May 1991 Through December 2005

Former 76 Station 7004

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
RW-1 continued														
9/14/2002	--	14.54	0.00	--	--	--	390	ND<0.50	ND<0.50	ND<0.50	ND<1	--	120	
10/25/2002	--	14.95	0.00	--	--	--	2700	0.96	1.1	51	ND<1	--	160	
11/27/2002	--	14.66	0.00	--	--	--	1800	0.91	0.82	31	ND<1	--	170	
12/19/2002	--	13.60	0.00	--	--	--	2900	ND<5	ND<5	50	ND<10	--	200	
1/24/2003	--	12.31	0.00	--	--	--	1800	0.88	0.69	29	ND<1	--	140	
2/15/2003	--	12.88	0.00	--	--	--	480	ND<0.50	ND<0.50	6.8	ND<1	--	88	
3/17/2003	--	12.88	0.00	--	--	--	ND<50	0.62	ND<0.50	21	ND<1	--	86	
4/18/2003	--	12.76	0.00	--	--	--	1600	0.76	0.92	34	ND<1	--	62	
5/19/2003	--	12.91	0.00	--	--	--	1200	0.60	ND<0.50	15	ND<1.5	--	76	
6/16/2003	--	13.55	0.00	--	--	--	760	0.60	0.64	4.1	ND<1	--	100	
7/18/2003	--	14.33	0.00	--	--	--	620	0.61	1.8	3.6	ND<1	--	60	
10/1/2003	--	14.90	0.00	--	--	--	490	0.56	ND<0.50	1.7	ND<1.0	--	15	
1/30/2004	--	13.46	0.00	--	--	--	1400	ND<2.5	ND<2.5	8.6	ND<5.0	--	38	
4/26/2004	--	13.03	0.00	--	--	--	1100	ND<2.5	ND<2.5	ND<2.5	ND<5.0	--	30	
7/28/2004	--	14.15	0.00	--	--	--	1200	ND<2.5	ND<2.5	15	ND<5.0	--	24	
10/19/2004	--	14.34	0.00	--	--	--	680	0.99	ND<0.50	16	ND<1.0	--	15	
1/5/2005	--	13.23	0.00	--	--	--	160	ND<0.50	ND<0.50	2.2	ND<1.0	--	2.5	
6/14/2005	--	11.91	0.00	--	--	--	1300	0.61	ND<0.50	14	ND<1.0	--	10	
9/29/2005	--	13.58	0.00	--	--	--	1000	0.53	ND<0.50	16	ND<1.0	--	4.7	
12/2/2005	--	14.02	0.00	--	--	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	2.3	

Table 3
ADDITIONAL ANALYTICAL RESULTS
Former 76 Station 7004

Date Sampled	EDC	EDB	Lead (Total)	Pre-Purge DO	Post Purge DO	TAME 8260B	TBA 8260B	DIPE 8260B	ETBE 8260B	Ethanol 8260B
	(µg/l)	(µg/l)	(µg/l)	(mg/l)	(mg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)
MW-1										
7/2/1997	--	--	--	3.82	--	--	--	--	--	--
6/16/2003	--	--	--	--	--	--	--	--	--	ND<500
7/18/2003	--	--	--	--	--	--	--	--	--	ND<500
10/1/2003	--	--	--	--	--	--	--	--	--	ND<50
1/30/2004	--	--	--	--	--	--	--	--	--	ND<500
4/26/2004	--	--	--	--	--	--	--	--	--	ND<50
7/28/2004	--	--	--	--	--	--	--	--	--	ND<50
10/19/2004	--	--	--	--	--	--	--	--	--	ND<50
1/5/2005	--	--	--	--	--	--	--	--	--	ND<50
6/14/2005	--	--	--	--	--	--	--	--	--	ND<50
9/29/2005	--	--	--	--	--	--	--	--	--	ND<250
12/2/2005	--	--	ND<50	--	--	--	--	--	--	ND<250
MW-2										
6/16/2003	--	--	--	--	--	--	--	--	--	ND<500
7/18/2003	--	--	--	--	--	--	--	--	--	ND<500
10/1/2003	--	--	--	--	--	--	--	--	--	ND<50
1/30/2004	--	--	--	--	--	--	--	--	--	ND<500
4/26/2004	--	--	--	--	--	--	--	--	--	ND<50
7/28/2004	--	--	--	--	--	--	--	--	--	ND<50
10/19/2004	--	--	--	--	--	--	--	--	--	ND<50
1/5/2005	--	--	--	--	--	--	--	--	--	ND<50
6/14/2005	--	--	--	--	--	--	--	--	--	ND<50
9/29/2005	--	--	--	--	--	--	--	--	--	ND<250
12/2/2005	--	--	ND<50	--	--	--	--	--	--	ND<250
MW-3										
8/25/2000	ND	ND	--	--	--	ND	ND	ND	ND	--

Table 3
ADDITIONAL ANALYTICAL RESULTS
Former 76 Station 7004

Date Sampled	EDC	EDB	Lead (Total)	Pre-Purge DO	Post Purge DO	TAME 8260B	TBA 8260B	DIPE 8260B	ETBE 8260B	Ethanol 8260B
	(µg/l)	(µg/l)	(µg/l)	(mg/l)	(mg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)
MW-3 continued										
6/16/2003	--	--	--	--	--	--	--	--	--	ND<10000
7/18/2003	--	--	--	--	--	--	--	--	--	ND<10000
10/1/2003	--	--	--	--	--	--	--	--	--	ND<50
1/30/2004	--	--	--	--	--	--	--	--	--	ND<5000
4/26/2004	--	--	--	--	--	--	--	--	--	ND<500
7/28/2004	--	--	--	--	--	--	--	--	--	ND<500
10/19/2004	--	--	--	--	--	--	--	--	--	ND<250
1/5/2005	--	--	--	--	--	--	--	--	--	ND<250
6/14/2005	--	--	--	--	--	--	--	--	--	ND<500
9/29/2005	--	--	--	--	--	--	--	--	--	ND<2500
12/2/2005	--	--	ND<50	--	--	--	--	--	--	ND<250
MW-4										
6/16/2003	--	--	--	--	--	--	--	--	--	ND<500
7/18/2003	--	--	--	--	--	--	--	--	--	ND<500
10/1/2003	--	--	--	--	--	--	--	--	--	ND<50
1/30/2004	--	--	--	--	--	--	--	--	--	ND<500
4/26/2004	--	--	--	--	--	--	--	--	--	ND<50
7/28/2004	--	--	--	--	--	--	--	--	--	ND<50
10/19/2004	--	--	--	--	--	--	--	--	--	990
1/5/2005	--	--	--	--	--	--	--	--	--	ND<50
6/14/2005	--	--	--	--	--	--	--	--	--	ND<50
9/29/2005	--	--	--	--	--	--	--	--	--	ND<250
12/2/2005	--	--	ND<50	--	--	--	--	--	--	ND<250
MW-5										
7/12/1996	--	--	--	3.44	3.67	--	--	--	--	--
1/3/1997	--	--	--	4.35	4.27	--	--	--	--	--

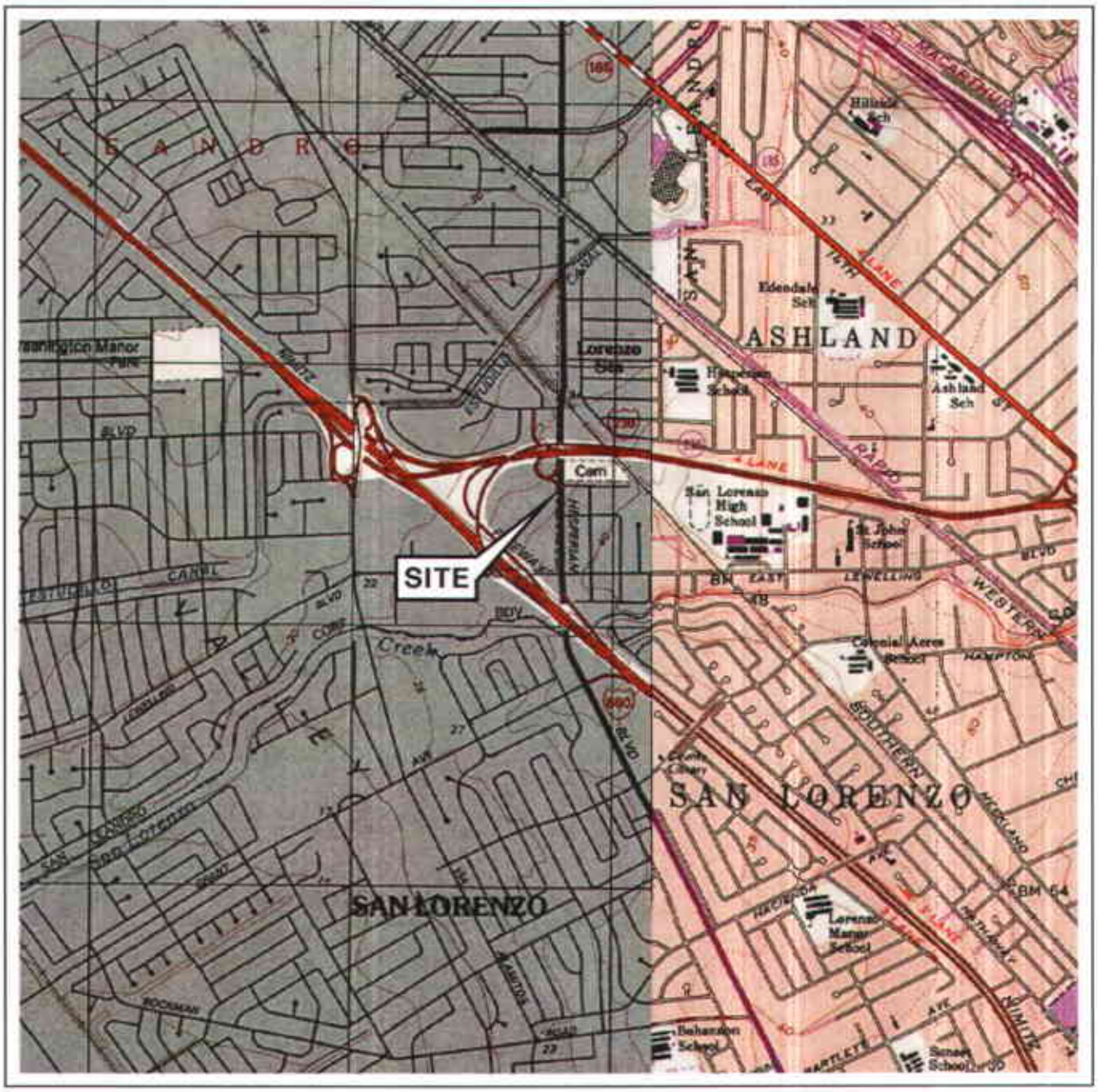
Table 3
ADDITIONAL ANALYTICAL RESULTS
Former 76 Station 7004

Date Sampled	EDC	EDB	Lead (Total)	Pre-Purge DO	Post Purge DO	TAME 8260B	TBA 8260B	DIPE 8260B	ETBE 8260B	Ethanol 8260B
	(µg/l)	(µg/l)	(µg/l)	(mg/l)	(mg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)
MW-5 continued										
7/2/1997	--	--	--	3.82	3.97	--	--	--	--	--
1/15/1998	--	--	--	4.19	4.38	--	--	--	--	--
7/8/1998	--	--	--	4.67	4.60	--	--	--	--	--
6/16/2003	--	--	--	--	--	--	--	--	--	ND<5000
7/18/2003	--	--	--	--	--	--	--	--	--	ND<2500
10/1/2003	--	--	--	--	--	--	--	--	--	ND<50
1/30/2004	--	--	--	--	--	--	--	--	--	ND<1000
4/26/2004	--	--	--	--	--	--	--	--	--	ND<100
7/28/2004	--	--	--	--	--	--	--	--	--	ND<100
10/19/2004	--	--	--	--	--	--	--	--	--	ND<50
1/5/2005	--	--	--	--	--	--	--	--	--	ND<50
6/14/2005	--	--	--	--	--	--	--	--	--	ND<50
9/29/2005	--	--	--	--	--	--	--	--	--	ND<250
12/2/2005	--	--	ND<50	--	--	--	--	--	--	ND<250
MW-6										
6/16/2003	--	--	--	--	--	--	--	--	--	ND<500
7/18/2003	--	--	--	--	--	--	--	--	--	ND<500
10/1/2003	--	--	--	--	--	--	--	--	--	ND<50
1/30/2004	--	--	--	--	--	--	--	--	--	ND<500
4/26/2004	--	--	--	--	--	--	--	--	--	ND<50
7/28/2004	--	--	--	--	--	--	--	--	--	ND<50
10/19/2004	--	--	--	--	--	--	--	--	--	ND<50
1/5/2005	--	--	--	--	--	--	--	--	--	ND<50
6/14/2005	--	--	--	--	--	--	--	--	--	ND<50
9/29/2005	--	--	--	--	--	--	--	--	--	ND<250
12/2/2005	--	--	ND<50	--	--	--	--	--	--	ND<250

Table 3
ADDITIONAL ANALYTICAL RESULTS
Former 76 Station 7004

Date Sampled	EDC	EDB	Lead (Total)	Pre-Purge DO	Post Purge DO	TAME 8260B	TBA 8260B	DIPE 8260B	ETBE 8260B	Ethanol 8260B
	(µg/l)	(µg/l)	(µg/l)	(mg/l)	(mg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)
RW-1										
5/24/2002	ND<0.5	ND<0.5	--	--	--	ND<1	ND<10	ND<2	ND<1	ND<50
6/16/2003	--	--	--	--	--	--	--	--	--	ND<500
7/18/2003	--	--	--	--	--	--	--	--	--	ND<500
10/1/2003	--	--	--	--	--	--	--	--	--	ND<50
1/30/2004	--	--	--	--	--	--	--	--	--	ND<2500
4/26/2004	--	--	--	--	--	--	--	--	--	ND<250
7/28/2004	--	--	--	--	--	--	--	--	--	ND<250
10/19/2004	--	--	--	--	--	--	--	--	--	ND<50
1/5/2005	--	--	--	--	--	--	--	--	--	ND<50
6/14/2005	--	--	--	--	--	--	--	--	--	ND<50
9/29/2005	--	--	--	--	--	--	--	--	--	ND<250
12/2/2005	--	--	ND<50	--	--	--	--	--	--	ND<250

FIGURES



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

SCALE 1:24,000

N

SOURCE:

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

VICINITY MAP

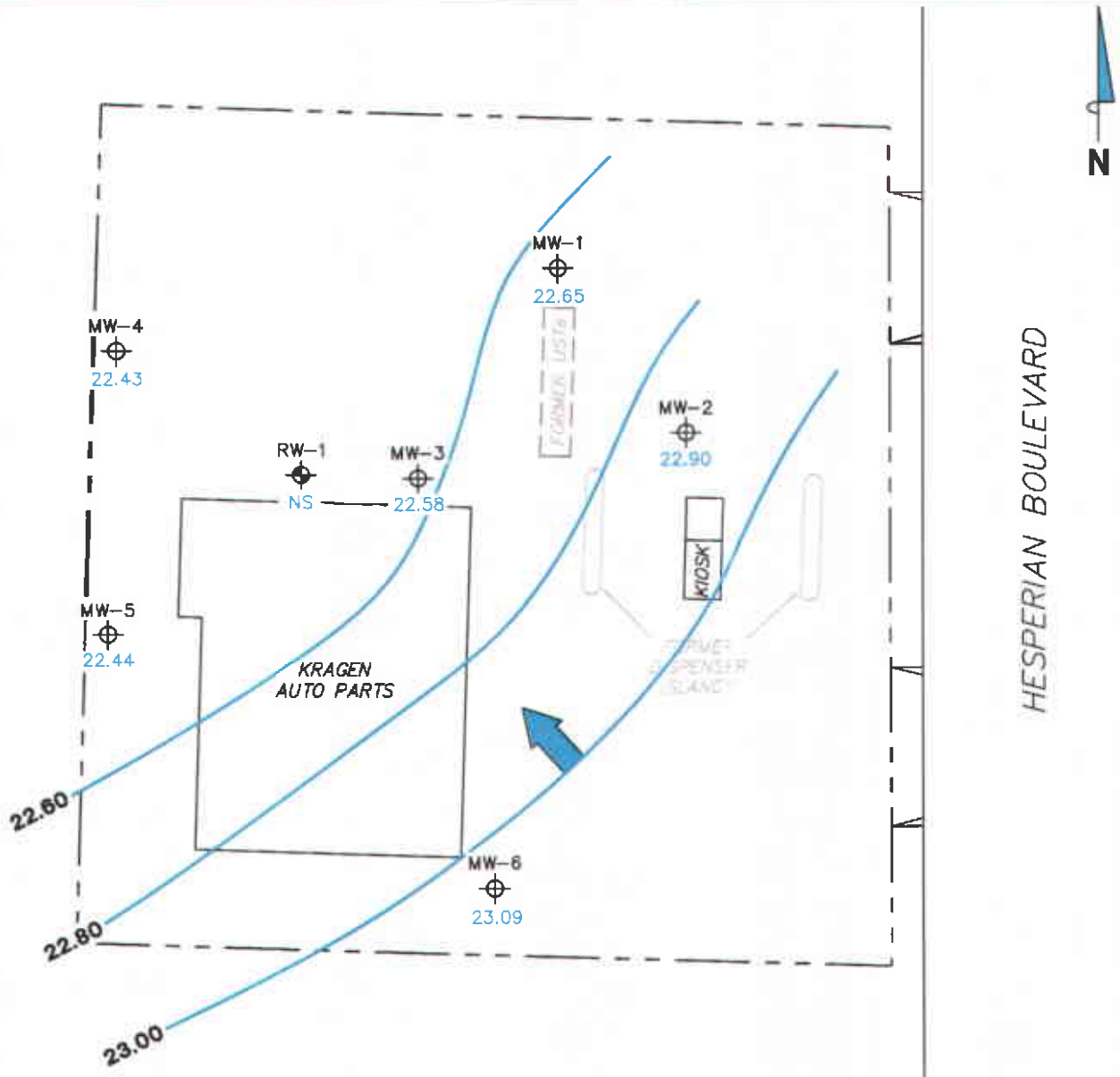
Former 76 Station 7004
15599 Hesperian Boulevard
San Leandro, California

FIGURE 1

TRC

PS = 1:1

Graphics on Ir1(i:)\VICINITY MAPS\7004vm.dwg 1/25/05 rbs



LEGEND

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

RW-1 ⊕ Aquifer Testing Well

23.00 — Groundwater Elevation Contour

General Direction of Groundwater Flow

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. NS = not surveyed.

GROUNDWATER ELEVATION CONTOUR MAP
December 2, 2005

Former 76 Station 7004
15599 Hesperian Boulevard
San Leandro, California

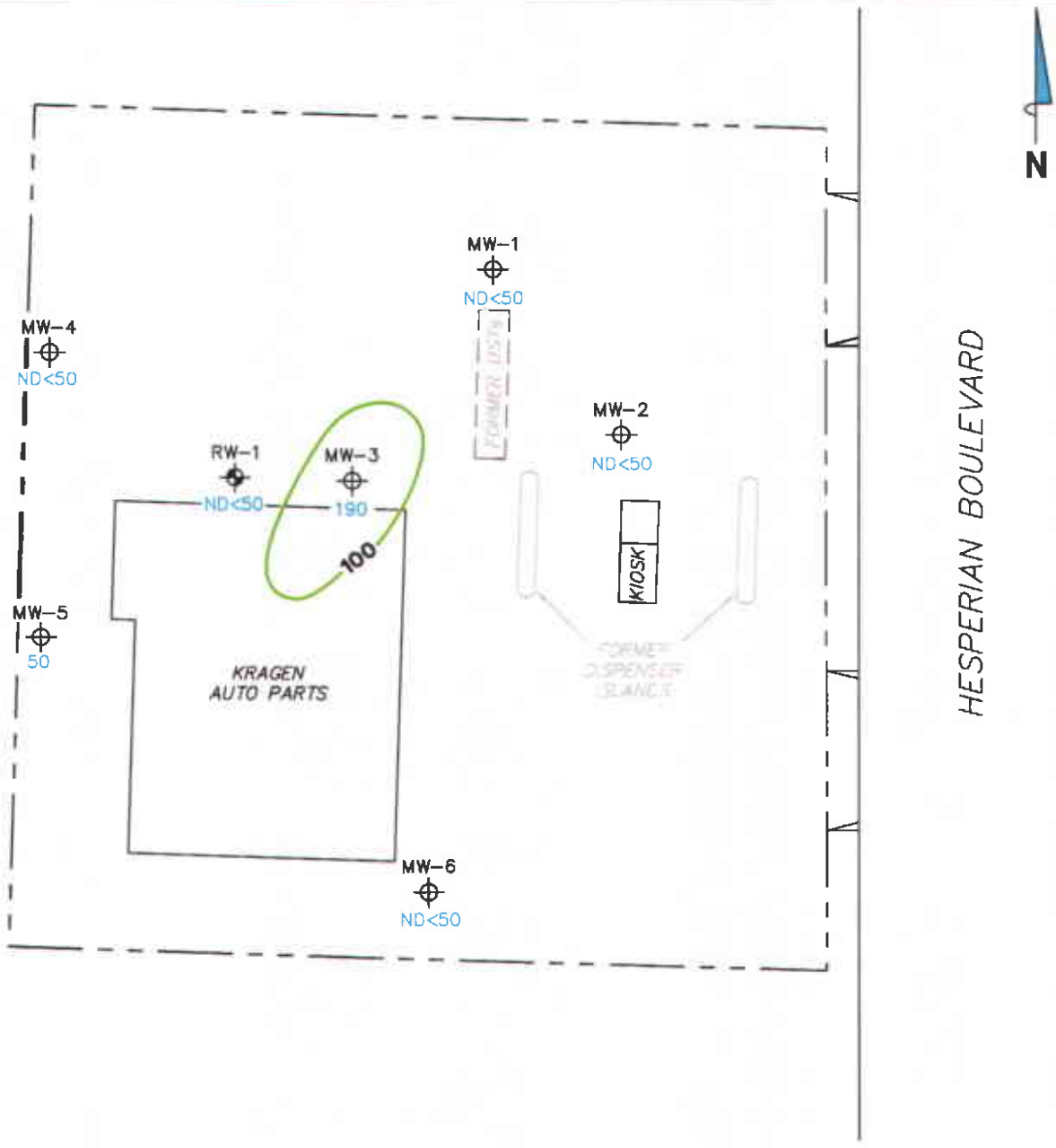
TRC

SCALE (FEET)
0 40

FIGURE 2

PS=1:17004-003

\\IRVINE-FS1\Graphics\Graphics\ProjectsByNumber\20-xxxx\20-0400(UnocalQMS)\x-7000\7004+\7004QMS.DWG Dec 30, 2005 - 12:07pm bschmidt



NOTES:

Contour lines are interpretive and based 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-6 ⊕ Monitoring Well with Dissolved-Phase TPPH Concentration (µg/l)

RW-1 ⊕ Aquifer Testing Well

100 Dissolved-Phase TPPH Contour (µg/l)

DISSOLVED-PHASE TPPH CONCENTRATION MAP
December 2, 2005

Former 76 Station 7004
15599 Hesperian Boulevard
San Leandro, California

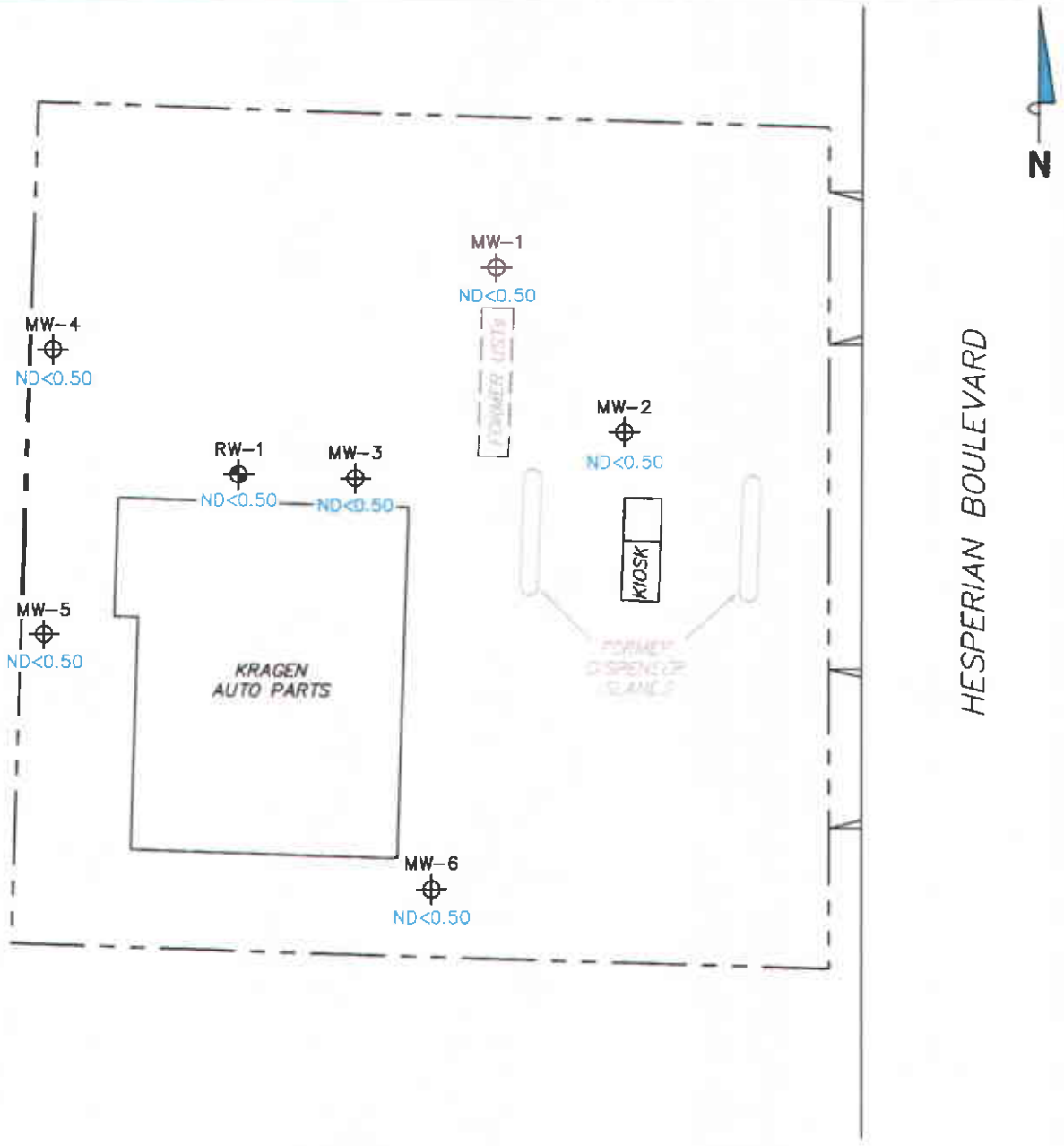
TRC

SCALE (FEET)
0 40

FIGURE 3

PS=1:17004-003

\\IRVINE-FS1\Graphics\Graphics\ProjectsByNumber\20-xxxx\20-0400(UnocalQMS)\x-7000\7004+\7004QMS.DWG Dec 30, 2005 - 12:11pm bschmidt



NOTES:

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

LEGEND

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

RW-1 ⊕ Aquifer Testing Well

DISSOLVED-PHASE BENZENE CONCENTRATION MAP
December 2, 2005

Former 76 Station 7004
15599 Hesperian Boulevard
San Leandro, California

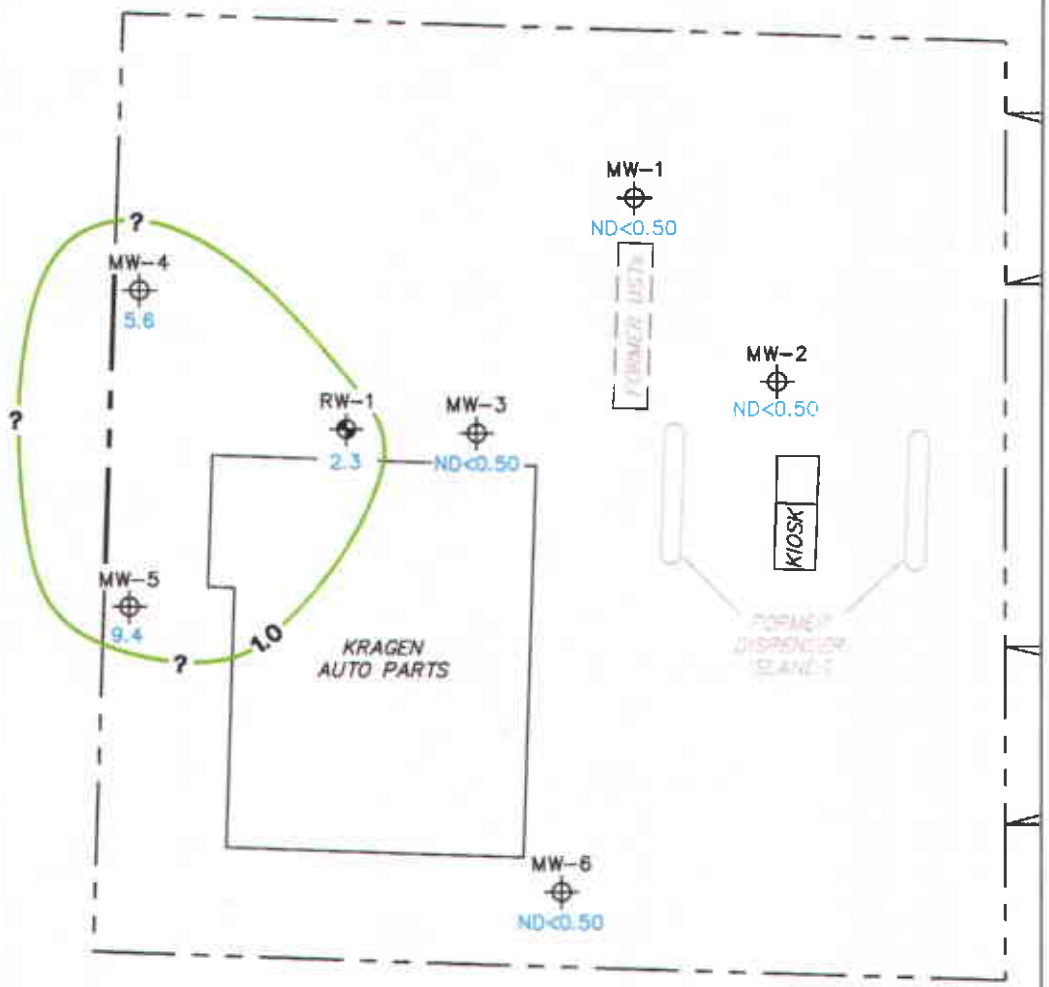
TRC

SCALE (FEET)
0 40

FIGURE 4

PS=1:17004-003

\\IRVINE-FS1\Graphics\Graphics\ProjectsByNumber\20-xxxx\20-0400(UnocalQMS)\x-7000\7004+\7004QMS.DWG Dec 30, 2005 - 12:12pm bschmidt



NOTES:

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

LEGEND

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

RW-1 ⊕ Aquifer Testing Well

1.0 Dissolved-Phase MTBE Contour (µg/l)

DISSOLVED-PHASE MTBE CONCENTRATION MAP
December 2, 2005

Former 76 Station 7004
15599 Hesperian Boulevard
San Leandro, California

TRC

SCALE (FEET)
0 40

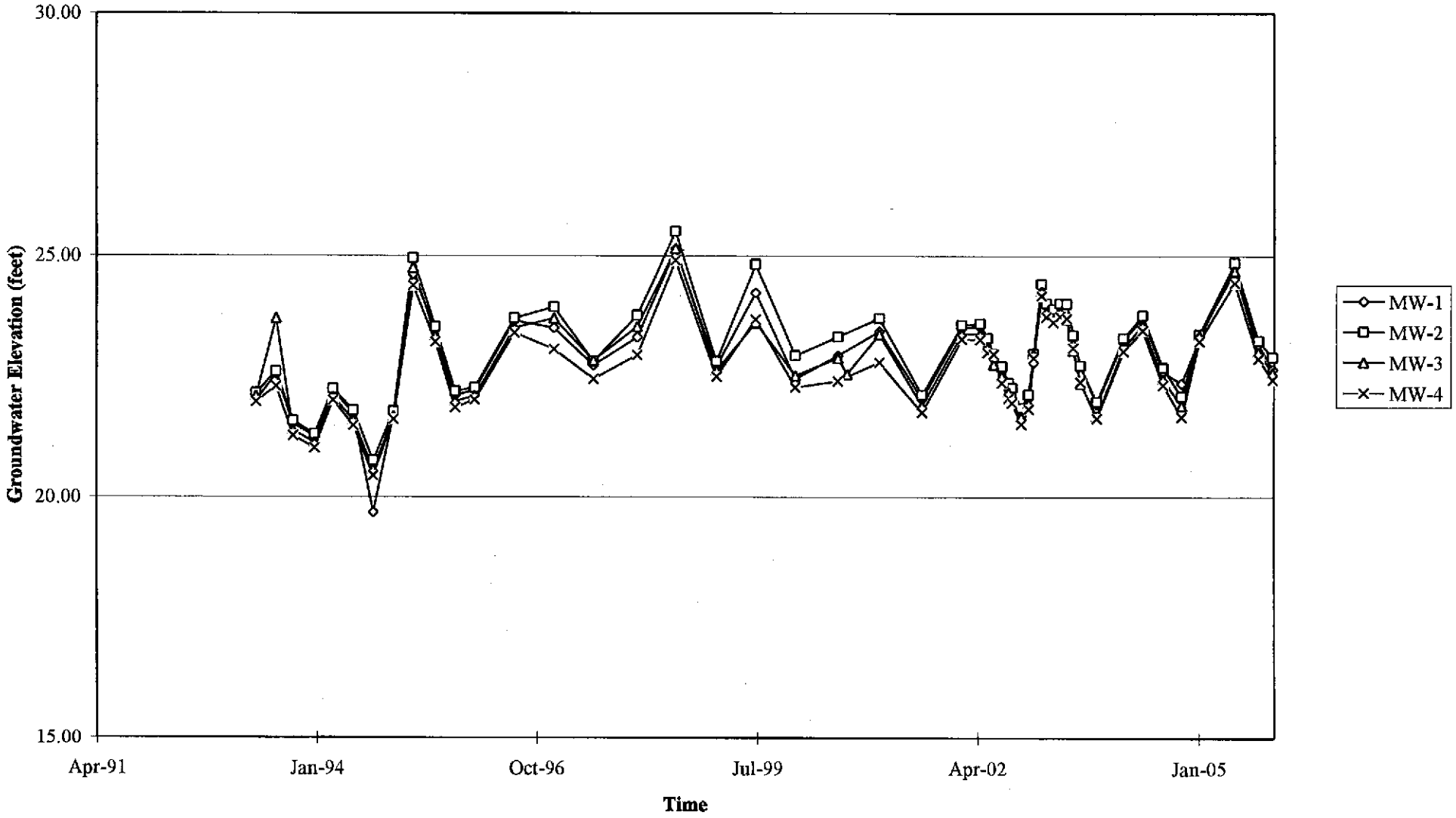
FIGURE 5

PS=1:17004-003

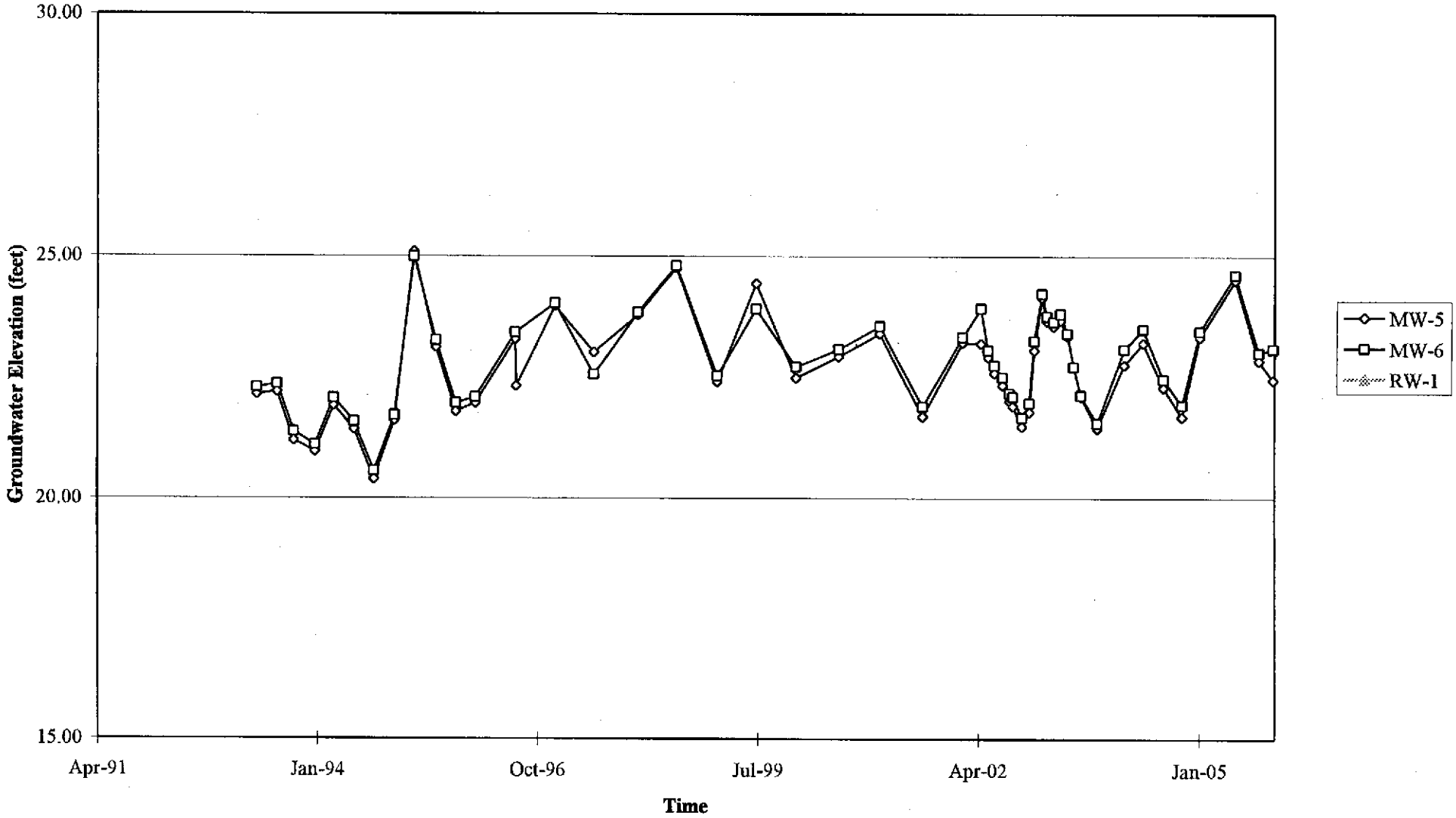
\\IRVINE-FS1\Graphics\Graphics\ProjectsByNumber\20-xxxx\20-0400(UnocalQMS)\x-7000\7004+\7004QMS.DWG Dec 30, 2005 - 12:16pm bschmidt

GRAPHS

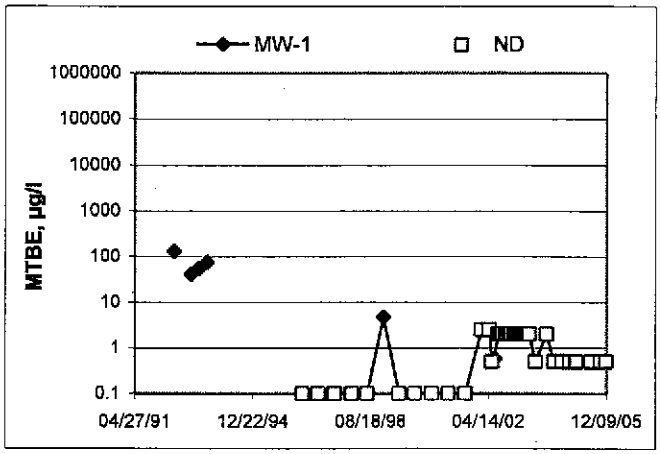
Groundwater Elevations vs. Time
Former 76 Station 7004

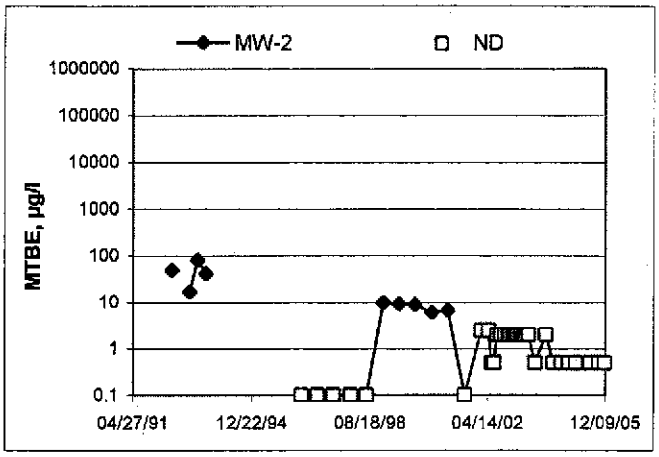


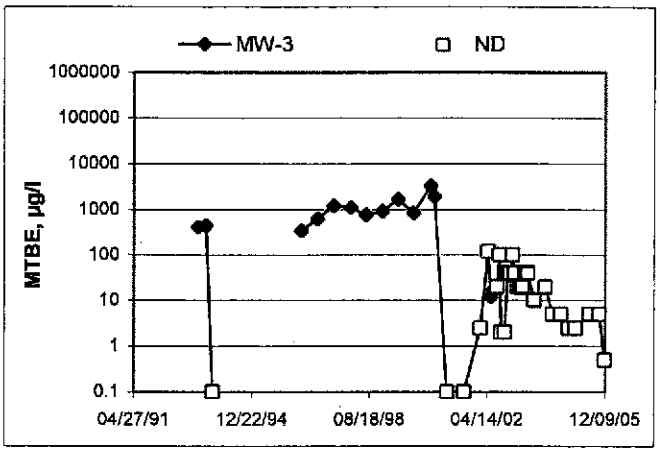
Groundwater Elevations vs. Time
Former 76 Station 7004

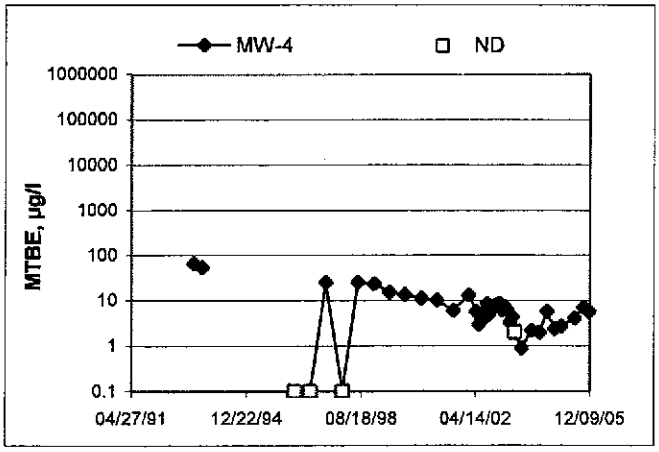


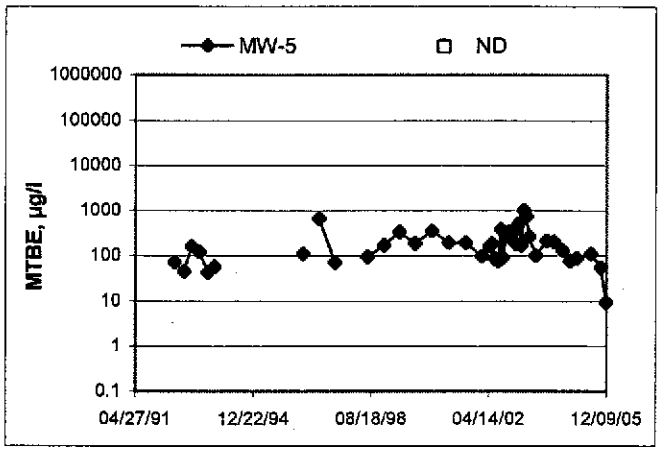
MTBE Concentrations vs Time
Former 76 Station 7004

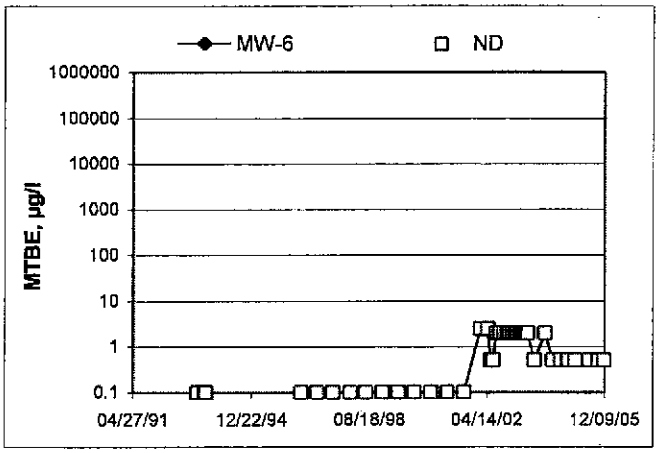


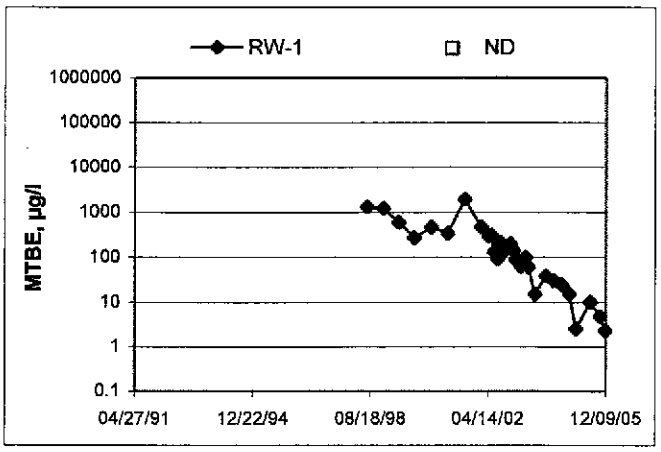












GENERAL FIELD PROCEDURES

Groundwater Monitoring and Sampling Assignments

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

Fluid Level Measurements

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

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

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

Purging and Groundwater Parameter Measurement

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

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

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

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

Groundwater Sample Collection

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

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

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

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

Sequence of Gauging, Purging and Sampling

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

Decontamination

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

Exceptions

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

FIELD MONITORING DATA SHEET

Technician: Melissa Job #/Task #: 410500001/FA20 Date: 12-02-05

Site # 7004 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-6	0511	✓	25.53	14.04	—	—	0613	2"
MW-1	0516	✓	23.98	13.74	—	—	0640	2"
MW-2	0520	✓	24.28	14.17	—	—	0626	2"
MW-3	0525	✓	24.61	14.21	—	—	0710	2"
MW-4	0530	✓	25.54	13.01	—	—	0654	2"
RW-1	0537	✓	26.65	14.02	—	—	0739	6"
MW-5	0543	✓	25.98	14.37	—	—	0731	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: 7004 Project No.: 41050001 Date: 12-02-05

Well No.: MW-6 Purge Method: D+A

Depth to Water (feet): 14.04 Depth to Product (feet): —

Total Depth (feet): 25.53 LPH & Water Recovered (gallons): —

Water Column (feet): 11.49 Casing Diameter (Inches): 2"

80% Recharge Depth (feet): 16.33 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.
0607			2	713	15.8	7.33		
			4	704	16.3	7.25		
	0610		6	709	16.7	7.14		

Static at Time Sampled	Total Gallons Purged	Time Sampled
14.13	6	0613

Comments:

Well No.: MW-1 Purge Method: D+A

Depth to Water (feet): 13.74 Depth to Product (feet): —

Total Depth (feet): 23.98 LPH & Water Recovered (gallons): —

Water Column (feet): 10.24 Casing Diameter (Inches): 2"

80% Recharge Depth (feet): 15.78 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.
0634			2	663	15 8	7.14		
			4	678	16.4	7.03		
	0636		6	652	16.5	7.09		

Static at Time Sampled	Total Gallons Purged	Time Sampled
13.86	6	0640

Comments:

GROUNDWATER SAMPLING FIELD NOTES

Technician: Melissa

Site: 7004 Project No.: 410500001 Date: 12-02-05

Well No.: MW-2 Purge Method: D.a

Depth to Water (feet): 14.17 Depth to Product (feet): —

Total Depth (feet): 24.28 LPH & Water Recovered (gallons): —

Water Column (feet): 10.11 Casing Diameter (Inches): 2"

80% Recharge Depth (feet): 16.19 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.
0621			2	654	16.2	7.42		
			4	639	16.5	7.26		
	0623		6	642	16.3	7.34		

Static at Time Sampled	Total Gallons Purged	Time Sampled
14.23	6	0626

Comments:

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

Depth to Water (feet): 14.21 Depth to Product (feet): —

Total Depth (feet): 24.61 LPH & Water Recovered (gallons): —

Water Column (feet): 10.40 Casing Diameter (Inches): 2"

80% Recharge Depth (feet): 16.29 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.
0705			2	643	16.8	7.08		
			4	614	17.1	7.15		
	0707		6	627	17.3	7.19		

Static at Time Sampled	Total Gallons Purged	Time Sampled
14.33	6	0710

Comments:

GROUNDWATER SAMPLING FIELD NOTES

Technician: Melissa

Site: 7004 Project No.: 41050001 Date: 12-02-05

Well No.: MW-4
Depth to Water (feet): 13.01
Total Depth (feet): 25.54
Water Column (feet): 12.53
80% Recharge Depth (feet): 15.51

Purge Method: DI
Depth to Product (feet): —
LPH & Water Recovered (gallons): —
Casing Diameter (Inches): 2"
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.
0648			2	627	15.5	7.34		
			4	669	16.9	7.20		
	0650		6	660	17.3	7.27		

Static at Time Sampled	Total Gallons Purged	Time Sampled
13.33	6	0654

Comments:

Well No.: RW-1
Depth to Water (feet): 14.02
Total Depth (feet): 26.65
Water Column (feet): 12.63
80% Recharge Depth (feet): 16.54

Purge Method: ~~DI~~ SUB
Depth to Product (feet): —
LPH & Water Recovered (gallons): —
Casing Diameter (Inches): 6"
1 Well Volume (gallons): 19

Time Start	Time Stop	Depth To Water (feet)	Volume Purged (gallons)	Conduc-tivity (uS/cm)	Temperature (F, C)	pH	Turbidity	D.O.
0715			19	630	15.4	7.10		
			38	651	15.2	7.23		
	0735		57	660	15.5	7.45		

Static at Time Sampled	Total Gallons Purged	Time Sampled
14.37	57	0739

Comments:

GROUNDWATER SAMPLING FIELD NOTES

Technician: Melissa

Site: 7004 Project No.: 41050001 Date: 12-02-05

Well No.: MW-5 Purge Method: ~~DI~~ HB

Depth to Water (feet): 14.37 Depth to Product (feet): —

Total Depth (feet): 25.98 LPH & Water Recovered (gallons): —

Water Column (feet): 11.61 Casing Diameter (Inches): 2"

80% Recharge Depth (feet): 16.69 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.
0719			2	685	15.7	7.20		
			4	694	16.2	7.02		
	0729		6	711	16.5	7.33		

Static at Time Sampled	Total Gallons Purged	Time Sampled
14.43	6	0731

Comments:

Well No.: Purge Method:

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

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

Water Column (feet): Casing Diameter (Inches):

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

Time Start	Time Stop	Depth To Water (feet)	Volume Purged (gallons)	Conductivity (uS/cm)	Temperature (F, C)	pH	Turbidity	D.O.

Static at Time Sampled	Total Gallons Purged	Time Sampled

Comments:

BC Laboratories, Inc

Date of Report: 12/15/2005

Anju Farfan

TRC Alton Geoscience
21 Technology Drive
Irvine, CA 92618-2302
RE: 7004
BC Lab Number: 0511921

Enclosed are the results of analyses for samples received by the laboratory on 12/05/05 22:30. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Contact Person: Vanessa Hooker
Client Service Rep

Authorized Signature

4100 Atlas Court • Bakersfield, CA 93308 • (661) 327-4911 • FAX (661) 327-1918 • www.bclabs.com

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

Project: 7004
Project Number: [none]
Project Manager: Anju Farfan

Reported: 12/15/05 14:21

Laboratory / Client Sample Cross Reference

Laboratory	Client Sample Information				
0511921-01	COC Number:	---	Receive Date:	12/05/05 22:30	Delivery Work Order (LabW:
	Project Number:	7004	Sampling Date:	12/02/05 06:13	Global ID: T0600101451
	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:
0511921-02	COC Number:	---	Receive Date:	12/05/05 22:30	Delivery Work Order (LabW:
	Project Number:	7004	Sampling Date:	12/02/05 06:40	Global ID: T0600101451
	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:
0511921-03	COC Number:	---	Receive Date:	12/05/05 22:30	Delivery Work Order (LabW:
	Project Number:	7004	Sampling Date:	12/02/05 06:26	Global ID: T0600101451
	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:
0511921-04	COC Number:	---	Receive Date:	12/05/05 22:30	Delivery Work Order (LabW:
	Project Number:	7004	Sampling Date:	12/02/05 07:10	Global ID: T0600101451
	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:
0511921-05	COC Number:	---	Receive Date:	12/05/05 22:30	Delivery Work Order (LabW:
	Project Number:	7004	Sampling Date:	12/02/05 06:54	Global ID: T0600101451
	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:

TRC Alton Geoscience	Project: 7004	
21 Technology Drive	Project Number: [none]	
Irvine CA, 92618-2302	Project Manager: Anju Farfan	**Reported:** 12/15/05 14:21

Laboratory / Client Sample Cross Reference

Laboratory	Client Sample Information				
0511921-06	**COC Number:**	---	**Receive Date:**	12/05/05 22:30	Delivery Work Order (LabW:
	Project Number:	7004	**Sampling Date:**	12/02/05 07:39	Global ID: T0600101451
	Sampling Location:	RW-1	**Sample Depth:**	---	Matrix: W
	Sampling Point:	RW-1	**Sample Matrix:**	Water	Samle QC Type (SACode): CS
	Sampled By:	Melissa of TRCI			Cooler ID:
0511921-07	**COC Number:**	---	**Receive Date:**	12/05/05 22:30	Delivery Work Order (LabW:
	Project Number:	7004	**Sampling Date:**	12/02/05 07:31	Global ID: T0600101451
	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:

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

Project: 7004
Project Number: [none]
Project Manager: Anju Farfan

Reported: 12/15/05 14:21

Volatile Organic Analysis (EPA Method 8260)

BCL Sample ID: 0511921-01 | **Client Sample Name:** 7004, MW-6, MW-6, 12/2/2005 6:13:00AM, 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	12/08/05	12/08/05 23:29	sdu	MS-V12	1	BOL0283	ND	
Ethylbenzene	ND	ug/L	0.50		EPA-8260	12/08/05	12/08/05 23:29	sdu	MS-V12	1	BOL0283	ND	
Methyl t-butyl ether	ND	ug/L	0.50		EPA-8260	12/08/05	12/08/05 23:29	sdu	MS-V12	1	BOL0283	ND	
Toluene	ND	ug/L	0.50		EPA-8260	12/08/05	12/08/05 23:29	sdu	MS-V12	1	BOL0283	ND	
Total Xylenes	ND	ug/L	1.0		EPA-8260	12/08/05	12/08/05 23:29	sdu	MS-V12	1	BOL0283	ND	
Ethanol	ND	ug/L	250		EPA-8260	12/08/05	12/08/05 23:29	sdu	MS-V12	1	BOL0283	ND	V11
Total Purgeable Petroleum Hydrocarbons	ND	ug/L	50		EPA-8260	12/08/05	12/08/05 23:29	sdu	MS-V12	1	BOL0283	ND	
1,2-Dichloroethane-d4 (Surrogate)	102	%	76 - 114 (LCL - UCL)		EPA-8260	12/08/05	12/08/05 23:29	sdu	MS-V12	1	BOL0283		
Toluene-d8 (Surrogate)	99.8	%	88 - 110 (LCL - UCL)		EPA-8260	12/08/05	12/08/05 23:29	sdu	MS-V12	1	BOL0283		
4-Bromofluorobenzene (Surrogate)	99.8	%	86 - 115 (LCL - UCL)		EPA-8260	12/08/05	12/08/05 23:29	sdu	MS-V12	1	BOL0283		

TRC Alton Geoscience	Project: 7004	
21 Technology Drive	Project Number: [none]	
Irvine CA, 92618-2302	Project Manager: Anju Farfan	**Reported:** 12/15/05 14:21

Water Analysis (Metals)

BCL Sample ID: 0511921-01 | **Client Sample Name:** 7004, MW-6, MW-6, 12/2/2005 6:13:00AM, Melissa

Constituent	Result	Units	PQL	MDL	Method	Prep Date	Run Date/Time	Analyst	Instrument ID	Dilution	QC Batch ID	MB Bias	Lab Quals
Total Lead	ND	ug/L	50		EPA-6010B	12/12/05	12/13/05 11:12	ARD	PE-OP1	1	BOL0449	1.6	

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Project: 7004
Project Number: [none]
Project Manager: Anju Farfan

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Volatile Organic Analysis (EPA Method 8260)

BCL Sample ID: 0511921-02 | **Client Sample Name:** 7004, MW-1, MW-1, 12/2/2005 6:40:00AM, 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	12/08/05	12/08/05 23:52	sdu	MS-V12	1	BOL0283	ND	
Ethylbenzene	ND	ug/L	0.50		EPA-8260	12/08/05	12/08/05 23:52	sdu	MS-V12	1	BOL0283	ND	
Methyl t-butyl ether	ND	ug/L	0.50		EPA-8260	12/08/05	12/08/05 23:52	sdu	MS-V12	1	BOL0283	ND	
Toluene	ND	ug/L	0.50		EPA-8260	12/08/05	12/08/05 23:52	sdu	MS-V12	1	BOL0283	ND	
Total Xylenes	ND	ug/L	1.0		EPA-8260	12/08/05	12/08/05 23:52	sdu	MS-V12	1	BOL0283	ND	
Ethanol	ND	ug/L	250		EPA-8260	12/08/05	12/08/05 23:52	sdu	MS-V12	1	BOL0283	ND	V11
Total Purgeable Petroleum Hydrocarbons	ND	ug/L	50		EPA-8260	12/08/05	12/08/05 23:52	sdu	MS-V12	1	BOL0283	ND	
1,2-Dichloroethane-d4 (Surrogate)	106	%	76 - 114	(LCL - UCL)	EPA-8260	12/08/05	12/08/05 23:52	sdu	MS-V12	1	BOL0283		
Toluene-d8 (Surrogate)	99.8	%	88 - 110	(LCL - UCL)	EPA-8260	12/08/05	12/08/05 23:52	sdu	MS-V12	1	BOL0283		
4-Bromofluorobenzene (Surrogate)	102	%	86 - 115	(LCL - UCL)	EPA-8260	12/08/05	12/08/05 23:52	sdu	MS-V12	1	BOL0283		

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Project: 7004
Project Number: [none]
Project Manager: Anju Farfan

Reported: 12/15/05 14:21

Water Analysis (Metals)

BCL Sample ID: 0511921-02 | **Client Sample Name:** 7004, MW-1, MW-1, 12/2/2005 6:40:00AM, Melissa

Constituent	Result	Units	PQL	MDL	Method	Prep Date	Run Date/Time	Analyst	Instrument ID	Dilution	QC Batch ID	MB Bias	Lab Quals
Total Lead	ND	ug/L	50		EPA-6010B	12/12/05	12/13/05 11:50	ARD	PE-OP1	1	BOL0449	1.6	

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Project: 7004
Project Number: [none]
Project Manager: Anju Farfan

Reported: 12/15/05 14:21

Volatile Organic Analysis (EPA Method 8260)

BCL Sample ID: 0511921-03 | **Client Sample Name:** 7004, MW-2, MW-2, 12/2/2005 6:26:00AM, 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	12/08/05	12/09/05 00:14	sdu	MS-V12	1	BOL0283	ND	
Ethylbenzene	ND	ug/L	0.50		EPA-8260	12/08/05	12/09/05 00:14	sdu	MS-V12	1	BOL0283	ND	
Methyl t-butyl ether	ND	ug/L	0.50		EPA-8260	12/08/05	12/09/05 00:14	sdu	MS-V12	1	BOL0283	ND	
Toluene	ND	ug/L	0.50		EPA-8260	12/08/05	12/09/05 00:14	sdu	MS-V12	1	BOL0283	ND	
Total Xylenes	ND	ug/L	1.0		EPA-8260	12/08/05	12/09/05 00:14	sdu	MS-V12	1	BOL0283	ND	
Ethanol	ND	ug/L	250		EPA-8260	12/08/05	12/09/05 00:14	sdu	MS-V12	1	BOL0283	ND	V11
Total Purgeable Petroleum Hydrocarbons	ND	ug/L	50		EPA-8260	12/08/05	12/09/05 00:14	sdu	MS-V12	1	BOL0283	ND	A53
1,2-Dichloroethane-d4 (Surrogate)	105	%	76 - 114 (LCL - UCL)		EPA-8260	12/08/05	12/09/05 00:14	sdu	MS-V12	1	BOL0283		
Toluene-d8 (Surrogate)	99.8	%	88 - 110 (LCL - UCL)		EPA-8260	12/08/05	12/09/05 00:14	sdu	MS-V12	1	BOL0283		
4-Bromofluorobenzene (Surrogate)	100	%	86 - 115 (LCL - UCL)		EPA-8260	12/08/05	12/09/05 00:14	sdu	MS-V12	1	BOL0283		

TRC Alton Geoscience	Project: 7004	
21 Technology Drive	Project Number: [none]	
Irvine CA, 92618-2302	Project Manager: Anju Farfan	**Reported:** 12/15/05 14:21

Water Analysis (Metals)

BCL Sample ID: 0511921-03 | **Client Sample Name:** 7004, MW-2, MW-2, 12/2/2005 6:26:00AM, Melissa

Constituent	Result	Units	PQL	MDL	Method	Prep Date	Run Date/Time	Analyst	Instrument ID	Dilution	QC Batch ID	MB Bias	Lab Quals
Total Lead	ND	ug/L	50		EPA-6010B	12/12/05	12/13/05 11:55	ARD	PE-OP1	1	BOL0449	1.6	

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Project: 7004
Project Number: [none]
Project Manager: Anju Farfan

Reported: 12/15/05 14:21

Volatile Organic Analysis (EPA Method 8260)

BCL Sample ID: 0511921-04 | **Client Sample Name:** 7004, MW-3, MW-3, 12/2/2005 7:10:00AM, 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	12/08/05	12/09/05 00:37	sdu	MS-V12	1	BOL0283	ND	
Ethylbenzene	ND	ug/L	0.50		EPA-8260	12/08/05	12/09/05 00:37	sdu	MS-V12	1	BOL0283	ND	
Methyl t-butyl ether	ND	ug/L	0.50		EPA-8260	12/08/05	12/09/05 00:37	sdu	MS-V12	1	BOL0283	ND	
Toluene	ND	ug/L	0.50		EPA-8260	12/08/05	12/09/05 00:37	sdu	MS-V12	1	BOL0283	ND	
Total Xylenes	ND	ug/L	1.0		EPA-8260	12/08/05	12/09/05 00:37	sdu	MS-V12	1	BOL0283	ND	
Ethanol	ND	ug/L	250		EPA-8260	12/08/05	12/09/05 00:37	sdu	MS-V12	1	BOL0283	ND	V11
Total Purgeable Petroleum Hydrocarbons	190	ug/L	50		EPA-8260	12/08/05	12/09/05 00:37	sdu	MS-V12	1	BOL0283	ND	
1,2-Dichloroethane-d4 (Surrogate)	105	%	76 - 114 (LCL - UCL)		EPA-8260	12/08/05	12/09/05 00:37	sdu	MS-V12	1	BOL0283		
Toluene-d8 (Surrogate)	100	%	88 - 110 (LCL - UCL)		EPA-8260	12/08/05	12/09/05 00:37	sdu	MS-V12	1	BOL0283		
4-Bromofluorobenzene (Surrogate)	104	%	86 - 115 (LCL - UCL)		EPA-8260	12/08/05	12/09/05 00:37	sdu	MS-V12	1	BOL0283		

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Project: 7004
Project Number: [none]
Project Manager: Anju Farfan

Reported: 12/15/05 14:21

Water Analysis (Metals)

BCL Sample ID: 0511921-04 | **Client Sample Name:** 7004, MW-3, MW-3, 12/2/2005 7:10:00AM, Melissa

Constituent	Result	Units	PQL	MDL	Method	Prep Date	Run Date/Time	Analyst	Instrument ID	Dilution	QC Batch ID	MB Bias	Lab Quals
Total Lead	ND	ug/L	50		EPA-6010B	12/12/05	12/13/05 11:59	ARD	PE-OP1	1	BOL0449	1.6	

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Project: 7004
Project Number: [none]
Project Manager: Anju Farfan

Reported: 12/15/05 14:21

Volatile Organic Analysis (EPA Method 8260)

BCL Sample ID: 0511921-05 | **Client Sample Name:** 7004, MW-4, MW-4, 12/2/2005 6:54:00AM, 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	12/08/05	12/09/05 00:59	sdu	MS-V12	1	BOL0283	ND	
Ethylbenzene	ND	ug/L	0.50		EPA-8260	12/08/05	12/09/05 00:59	sdu	MS-V12	1	BOL0283	ND	
Methyl t-butyl ether	5.6	ug/L	0.50		EPA-8260	12/08/05	12/09/05 00:59	sdu	MS-V12	1	BOL0283	ND	
Toluene	ND	ug/L	0.50		EPA-8260	12/08/05	12/09/05 00:59	sdu	MS-V12	1	BOL0283	ND	
Total Xylenes	ND	ug/L	1.0		EPA-8260	12/08/05	12/09/05 00:59	sdu	MS-V12	1	BOL0283	ND	
Ethanol	ND	ug/L	250		EPA-8260	12/08/05	12/09/05 00:59	sdu	MS-V12	1	BOL0283	ND	V11
Total Purgeable Petroleum Hydrocarbons	ND	ug/L	50		EPA-8260	12/08/05	12/09/05 00:59	sdu	MS-V12	1	BOL0283	ND	A53
1,2-Dichloroethane-d4 (Surrogate)	105	%	76 - 114	(LCL - UCL)	EPA-8260	12/08/05	12/09/05 00:59	sdu	MS-V12	1	BOL0283		
Toluene-d8 (Surrogate)	101	%	88 - 110	(LCL - UCL)	EPA-8260	12/08/05	12/09/05 00:59	sdu	MS-V12	1	BOL0283		
4-Bromofluorobenzene (Surrogate)	100	%	86 - 115	(LCL - UCL)	EPA-8260	12/08/05	12/09/05 00:59	sdu	MS-V12	1	BOL0283		

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Project: 7004
Project Number: [none]
Project Manager: Anju Farfan

Reported: 12/15/05 14:21

Water Analysis (Metals)

BCL Sample ID: 0511921-05 | **Client Sample Name:** 7004, MW-4, MW-4, 12/2/2005 6:54:00AM, Melissa

Constituent	Result	Units	PQL	MDL	Method	Prep Date	Run Date/Time	Analyst	Instrument ID	Dilution	QC Batch ID	MB Bias	Lab Quals
Total Lead	ND	ug/L	50		EPA-6010B	12/12/05	12/13/05 12:03	ARD	PE-OP1	1	BOL0449	1.6	

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Project: 7004
Project Number: [none]
Project Manager: Anju Farfan

Reported: 12/15/05 14:21

Volatile Organic Analysis (EPA Method 8260)

BCL Sample ID: 0511921-06 | **Client Sample Name:** 7004, RW-1, RW-1, 12/2/2005 7:39:00AM, 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	12/08/05	12/09/05 01:21	sdu	MS-V12	1	BOL0283	ND	
Ethylbenzene	ND	ug/L	0.50		EPA-8260	12/08/05	12/09/05 01:21	sdu	MS-V12	1	BOL0283	ND	
Methyl t-butyl ether	2.3	ug/L	0.50		EPA-8260	12/08/05	12/09/05 01:21	sdu	MS-V12	1	BOL0283	ND	
Toluene	ND	ug/L	0.50		EPA-8260	12/08/05	12/09/05 01:21	sdu	MS-V12	1	BOL0283	ND	
Total Xylenes	ND	ug/L	1.0		EPA-8260	12/08/05	12/09/05 01:21	sdu	MS-V12	1	BOL0283	ND	
Ethanol	ND	ug/L	250		EPA-8260	12/08/05	12/09/05 01:21	sdu	MS-V12	1	BOL0283	ND	V11
Total Purgeable Petroleum Hydrocarbons	ND	ug/L	50		EPA-8260	12/08/05	12/09/05 01:21	sdu	MS-V12	1	BOL0283	ND	
1,2-Dichloroethane-d4 (Surrogate)	102	%	76 - 114 (LCL - UCL)		EPA-8260	12/08/05	12/09/05 01:21	sdu	MS-V12	1	BOL0283		
Toluene-d8 (Surrogate)	99.5	%	88 - 110 (LCL - UCL)		EPA-8260	12/08/05	12/09/05 01:21	sdu	MS-V12	1	BOL0283		
4-Bromofluorobenzene (Surrogate)	100	%	86 - 115 (LCL - UCL)		EPA-8260	12/08/05	12/09/05 01:21	sdu	MS-V12	1	BOL0283		

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Project: 7004
Project Number: [none]
Project Manager: Anju Farfan

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Water Analysis (Metals)

BCL Sample ID: 0511921-06 | **Client Sample Name:** 7004, RW-1, RW-1, 12/2/2005 7:39:00AM, Melissa

Constituent	Result	Units	PQL	MDL	Method	Prep Date	Run Date/Time	Analyst	Instrument ID	Dilution	QC Batch ID	MB Bias	Lab Quals
Total Lead	ND	ug/L	50		EPA-6010B	12/12/05	12/13/05 12:08	ARD	PE-OP1	1	BOL0449	1.6	

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Project: 7004
Project Number: [none]
Project Manager: Anju Farfan

Reported: 12/15/05 14:21

Volatile Organic Analysis (EPA Method 8260)

BCL Sample ID: 0511921-07 | **Client Sample Name:** 7004, MW-5, MW-5, 12/2/2005 7:31:00AM, 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	12/08/05	12/09/05 01:44	sdu	MS-V12	1	BOL0283	ND	
Ethylbenzene	ND	ug/L	0.50		EPA-8260	12/08/05	12/09/05 01:44	sdu	MS-V12	1	BOL0283	ND	
Methyl t-butyl ether	9.4	ug/L	0.50		EPA-8260	12/08/05	12/09/05 01:44	sdu	MS-V12	1	BOL0283	ND	
Toluene	ND	ug/L	0.50		EPA-8260	12/08/05	12/09/05 01:44	sdu	MS-V12	1	BOL0283	ND	
Total Xylenes	ND	ug/L	1.0		EPA-8260	12/08/05	12/09/05 01:44	sdu	MS-V12	1	BOL0283	ND	
Ethanol	ND	ug/L	250		EPA-8260	12/08/05	12/09/05 01:44	sdu	MS-V12	1	BOL0283	ND	V11
Total Purgeable Petroleum Hydrocarbons	50	ug/L	50		EPA-8260	12/08/05	12/09/05 01:44	sdu	MS-V12	1	BOL0283	ND	A53
1,2-Dichloroethane-d4 (Surrogate)	103	%	76 - 114	(LCL - UCL)	EPA-8260	12/08/05	12/09/05 01:44	sdu	MS-V12	1	BOL0283		
Toluene-d8 (Surrogate)	99.8	%	88 - 110	(LCL - UCL)	EPA-8260	12/08/05	12/09/05 01:44	sdu	MS-V12	1	BOL0283		
4-Bromofluorobenzene (Surrogate)	99.8	%	86 - 115	(LCL - UCL)	EPA-8260	12/08/05	12/09/05 01:44	sdu	MS-V12	1	BOL0283		

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Project: 7004
Project Number: [none]
Project Manager: Anju Farfan

Reported: 12/15/05 14:21

Water Analysis (Metals)

BCL Sample ID: 0511921-07 | **Client Sample Name:** 7004, MW-5, MW-5, 12/2/2005 7:31:00AM, Melissa

Constituent	Result	Units	PQL	MDL	Method	Prep Date	Run Date/Time	Analyst	Instrument ID	Dilution	QC Batch ID	MB Bias	Lab Quals
Total Lead	ND	ug/L	50		EPA-6010B	12/12/05	12/13/05 12:12	ARD	PE-OP1	1	BOL0449	1.6	

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Project Manager: Anju Farfan

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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	BOL0283	BOL0283-MS1	Matrix Spike	ND	25.070	25.000	ug/L		100		70 - 130	
		BOL0283-MSD1	Matrix Spike Duplicate	ND	26.130	25.000	ug/L	4.88	105	20	70 - 130	
Toluene	BOL0283	BOL0283-MS1	Matrix Spike	ND	24.480	25.000	ug/L		97.9		70 - 130	
		BOL0283-MSD1	Matrix Spike Duplicate	ND	25.770	25.000	ug/L	5.08	103	20	70 - 130	
1,2-Dichloroethane-d4 (Surrogate)	BOL0283	BOL0283-MS1	Matrix Spike	ND	10.620	10.000	ug/L		106		76 - 114	
		BOL0283-MSD1	Matrix Spike Duplicate	ND	10.690	10.000	ug/L		107		76 - 114	
Toluene-d8 (Surrogate)	BOL0283	BOL0283-MS1	Matrix Spike	ND	9.9200	10.000	ug/L		99.2		88 - 110	
		BOL0283-MSD1	Matrix Spike Duplicate	ND	10.090	10.000	ug/L		101		88 - 110	
4-Bromofluorobenzene (Surrogate)	BOL0283	BOL0283-MS1	Matrix Spike	ND	10.500	10.000	ug/L		105		86 - 115	
		BOL0283-MSD1	Matrix Spike Duplicate	ND	10.410	10.000	ug/L		104		86 - 115	

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Water Analysis (Metals)

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
Total Lead	BOL0449	BOL0449-DUP1	Duplicate	ND	ND		ug/L			20		
		BOL0449-MS1	Matrix Spike	ND	379.34	400.00	ug/L		94.8		75 - 125	
		BOL0449-MSD1	Matrix Spike Duplicate	ND	339.16	400.00	ug/L	11.1	84.8	20	75 - 125	

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Project: 7004
Project Number: [none]
Project Manager: Anju Farfan

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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	BOL0283	BOL0283-BS1	LCS	25.160	25.000	0.50	ug/L	101		70 - 130		
Toluene	BOL0283	BOL0283-BS1	LCS	24.530	25.000	0.50	ug/L	98.1		70 - 130		
1,2-Dichloroethane-d4 (Surrogate)	BOL0283	BOL0283-BS1	LCS	10.630	10.000		ug/L	106		76 - 114		
Toluene-d8 (Surrogate)	BOL0283	BOL0283-BS1	LCS	9.9700	10.000		ug/L	99.7		88 - 110		
4-Bromofluorobenzene (Surrogate)	BOL0283	BOL0283-BS1	LCS	11.080	10.000		ug/L	111		86 - 115		

TRC Alton Geoscience	Project: 7004	
21 Technology Drive	Project Number: [none]	
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Water Analysis (Metals)

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
Total Lead	BOL0449	BOL0449-BS1	LCS	421.15	400.00	50	ug/L	105		85 - 115		

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Project: 7004
Project Number: [none]
Project Manager: Anju Farfan

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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	BOL0283	BOL0283-BLK1	ND	ug/L	0.50	0.12	
Ethylbenzene	BOL0283	BOL0283-BLK1	ND	ug/L	0.50	0.13	
Methyl t-butyl ether	BOL0283	BOL0283-BLK1	ND	ug/L	0.50	0.15	
Toluene	BOL0283	BOL0283-BLK1	ND	ug/L	0.50	0.15	
Total Xylenes	BOL0283	BOL0283-BLK1	ND	ug/L	1.0	0.40	
Ethanol	BOL0283	BOL0283-BLK1	ND	ug/L	1000	110	
Total Purgeable Petroleum Hydrocarbons	BOL0283	BOL0283-BLK1	ND	ug/L	50	23	
1,2-Dichloroethane-d4 (Surrogate)	BOL0283	BOL0283-BLK1	104	%	76 - 114 (LCL - UCL)		
Toluene-d8 (Surrogate)	BOL0283	BOL0283-BLK1	99.4	%	88 - 110 (LCL - UCL)		
4-Bromofluorobenzene (Surrogate)	BOL0283	BOL0283-BLK1	101	%	86 - 115 (LCL - UCL)		

TRC Alton Geoscience	Project: 7004	
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Irvine CA, 92618-2302	Project Manager: Anju Farfan	**Reported:** 12/15/05 14:21

Water Analysis (Metals)

Quality Control Report - Method Blank Analysis

Constituent	Batch ID	QC Sample ID	MB Result	Units	PQL	MDL	Lab Quals
Total Lead	BOL0449	BOL0449-BLK1	ND	ug/L	50	5.9	

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Project: 7004
Project Number: [none]
Project Manager: Anju Farfan

Reported: 12/15/05 14:21

Notes and Definitions

V11	The Continuing Calibration Verification (CCV) recovery is not within established control limits.
J	Estimated value
A53	Chromatogram not typical of gasoline.
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

Submission #: 05-11921 | Project Code: | TB Batch #

SHIPPING INFORMATION

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

SHIPPING CONTAINER

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

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

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

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

COC Received ☑ YES ☐ NO

Ice Chest ID R/W
Temperature: 4.5 °C
Thermometer ID: 48
Emissivity 1.0
Container Plastic

Date/Time 12/5 2130
Analyst Init ARM

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

Comments:

Sample Numbering Completed By: ARM Date/Time: 12/6 0440

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

CHK BY | DISTRIBUTION | SUB OUT

CHAIN OF CUSTODY

05-1191

Analysis Requested

Circle one: Phillips 66 / Unocal	**Consultant Firm: TRC**
Address: 15599 Hesperian Blvd	21 Techology Drive Irvine, CA 92618-2302 Attn: Anju Farfan
City: San Leandro	**4-digit site#:** 7004
	Workorder # 163ITRC501
State: CA **Zip:**	**Project #:** 410S0001
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	Total Lead	Turnaround Time Requested
-1	MW-6		12-02-05 0613	GW					X	X	X	X	Std
-2	MW-1		0640										
-3	MW-2		0626										
-4	MW-3		0710										
-5	MW-4		0654										
-6	RW-1		0739										
-7	MW-5		0731										

Comments	Relinquished by: (Signature)	Received by: Refrigerator	Date & Time 12-02-05 / 0905
GLOBAL ID: T0600101451	Relinquished by: (Signature)	Received by: Rosa Dickey	Date & Time 12-02-05 1249
	Relinquished by: (Signature) Rosa Dickey 12/5/05 1750	Received by: Cleo M. McArthur	Date & Time 12-5-05 1750
(A) = ANALYSIS (C) = CONTAINER (P) = PRESERVATIVE	RCR Cleo M. McArthur 12-5-05 2230		12/5/5 2230

Northern CA

STATEMENTS

Purge Water Disposal

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

Limitations

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