R0371

ConocoPhillips

76 Broadway
Sacramento, CA 95818
phone 916.558.7676
fax 916.558.7639

November 15, 2004

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 Report, dated 11/15/04,* and TRC's *Quarterly Monitoring Report, dated 10/22/04* 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
Site Manger, Risk Management and Remediation
ConocoPhillips
76 Broadway, Sacramento, CA 95818

Attachment
cc: Gavan Heinrich, Secor

SECOR

SECOR
INTERNATIONAL
INCORPORATED

www.secor.com

3017 Kilgore Road, Suite 100
Rancho Cordova, CA 95670
916-861-0400 TEL
916-861-0430 FAX

November 15, 2004

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

RE: **Quarterly Summary Report-Third Quarter 2004**
SECOR Project No.: 77CP.60008.01.7004

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

Sincerely,
SECOR International Incorporated

M. Gavan Heinrich
Associate Geologist

Attachment 1 - QUARTERLY MONITORING REPORT JULY THROUGH SEPTEMBER 2004

cc: Mr. Thomas Kosel, ConocoPhillips
Mr. David Luick, Target Corporation, 1000 Nicollet Mall, TPN – 0725 Minneapolis, MN 55403-9411
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

SECOR

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QUARTERLY SUMMARY REPORT
Third Quarter 2004

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

City/County ID #: San Leandro

County: Alameda

PREVIOUS ASSESSMENT

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.

In October, 1990, Kaprealian Engineering, Inc (Kaprealian) 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. 14 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 (MW1 through MW6). All wells were completed to 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 MW3). 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 (MW3).

In May, 1992 KEI conducted an Aquifer test at the site utilizing well RW-1 for extraction and MW-2, MW3, MW4, and MW5 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 observed the removal of two 12,000-gallon, double-walled glasteel 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 were collected from the pipeline trenches. The samples were analyzed for

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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.

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 2nd 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 well (MW-1 through MW-6 and RW-1) are sampled quarterly. Samples are analyzed for total purgable petroleum hydrocarbons (TPPH), BTEX, and fuel oxygenates.

REMEDIAL STATUS

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 2000 tank removal in 2000. There is no current active remediation.

CHARACTERIZATION STATUS

Contamination in soil has been adequately delineated. Samples collected 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 small areas adjacent to the west and north sides of the former UST pit. Contamination in groundwater has been partially delineated. Recent groundwater monitoring data indicate dissolved contamination is localized in the vicinity of MW-3. This contamination is delineated to the north, east, and south, but is not fully delineated in the downgradient direction (southwest).

RECENT SUBMITTALS/CORRESPONDENCE

April 9, 2003 – Gettler-Ryan: submitted letter to Alameda County Health Care Services requesting reduction of sampling frequency form quarterly to semiannually.

October 14, 2004 – SECOR: submitted Work Plan for Additional Off-Site Monitoring Well Installation to Alameda County Department of Environmental Health (ACDEH)

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THIS QUARTER ACTIVITIES (Third Quarter 2004)

1. TRC conducted quarterly groundwater monitoring and sampling event.
2. Submitted work plan for additional off-site monitoring well installation

NEXT QUARTER ACTIVITIES (Fourth Quarter 2004)

1. Perform quarterly groundwater monitoring and sampling event.
2. Install off-Site monitoring wells when agency approves work plan and off-Site property access is obtained
3. Prepare corrective action plan

CONSULTANT: SECOR International Incorporated

SECOR

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ATTACHMENT
QUARTERLY MONITORING REPORT
JULY THROUGH SEPTEMBER 2004 (TRC)

76 Service Station No. 7004
15599 Hesperian Blvd
San Leandro, California
SECOR Project No.: 77CP.60008.01.7004
November 15, 2004

TRC

Customer-Focused Solutions

October 22, 2004

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
JULY THROUGH SEPTEMBER 2004

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. Gavan Heinrich, SECOR International Inc. (2 copies)
Mr. Michael Bakaldin, City of San Leandro Fire Department
Mr. David Luick, Target Corporation
Mr. Alan Guttenberg, Guttenberg Rapson and Colvin LLP
Mr. Gary Ragghianti, Ragghianti Freitas LLP

Enclosures
20-0400/7004R04.QMS

21 Technology Drive • Irvine, California 92618
Telephone 949-753-0101 • Fax 949-753-0111

TRC

Customer-Focused Solutions

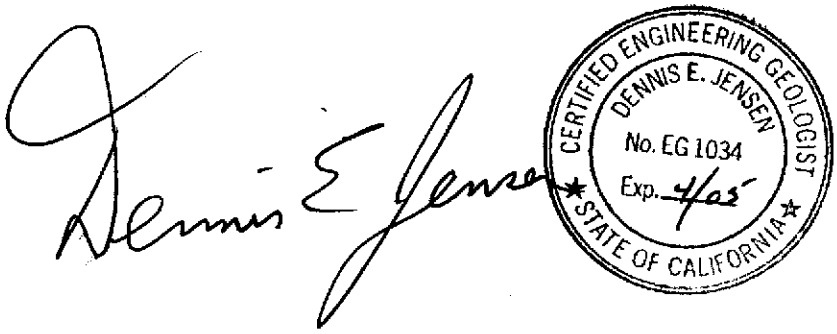
QUARTERLY MONITORING REPORT
JULY THROUGH SEPTEMBER 2004

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 Operations
October 7, 2004

21 Technology Drive • Irvine, California 92618
Telephone 949-753-0101 • Fax 949-753-0111

Summary of Gauging and Sampling Activities
July 2004 through September 2004
Former 76 Station 7004
15599 Hesperian Boulevard
San Leandro, CA

Project Coordinator: **Thomas Kosel**
Telephone: **916-558-7666**
Water Sampling Contractor: ***TRC***
Compiled by: **Valentina Tobon**
Date(s) of Gauging/Sampling Event: **07/28/04**

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: **13.12 feet** Maximum: **14.68 feet**
Average groundwater elevation (relative to available local datum): **22.46 feet**
Average change in groundwater elevation since previous event: **-1.07 feet**
Interpreted groundwater gradient and flow direction:
Current event: **0.003 ft/ft, southwest**
Previous event: **0.004 ft/ft, southwest (04/26/04)**

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** **5** Maximum: **10,000 µg/l (MW-3)**
Wells with **MTBE** **3** Maximum: **130 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 ABREVIATIONS

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

ANALYTES

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

NOTES

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

REFERENCE

TRC began groundwater monitoring and sampling for 76 Station 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

July 28, 2004

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)**												
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	
MW-2		**(Screen Interval in feet: 10.0-25.0)**												
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	
MW-3		**(Screen Interval in feet: 10.0-25.0)**												
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	
MW-4		**(Screen Interval in feet: 10.0-26.0)**												
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	
MW-5		**(Screen Interval in feet: 10.0-26.0)**												
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	
MW-6		**(Screen Interval in feet: 10.0-26.0)**												
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	
RW-1		**(Screen Interval in feet: 12.5-27.5)**												
7/28/2004	--	14.15	0.00	--	--	--	1200	ND<2.5	ND<2.5	15	ND<5.0	--	24	

Table 2

HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS

May 1991 Through July 2004

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	--	--	--	--	--	--	--	--	--	--	--	--	--	
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	--	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 July 2004

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	--	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 July 2004

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	
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	--	--	--	--	--	--	--	--	--	--	--	--	--	
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	--	--	
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	--	--	--	--	--	--	--	--	

Table 2

HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS

May 1991 Through July 2004

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														
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	--	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	9.1	--	
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	--	ND	--	ND	ND	ND	ND	6.8	--	
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	
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	

Table 2

HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS

May 1991 Through July 2004

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														
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	
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	--	--	
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	--	--	

Table 2

HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS

May 1991 Through July 2004

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														
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	--	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	--	
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	

Table 2

HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS

May 1991 Through July 2004

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														
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	
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	
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	--	--	--	--	--	--	--	--	--	--	--	--	--	
1/21/1993	--	--	--	--	--	ND	--	ND	ND	ND	ND	--	--	
4/20/1993	35.81	13.84	0.00	21.97	--	--	--	--	--	--	--	65	--	

Table 2

HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS

May 1991 Through July 2004

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														
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	--	--	
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	--	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	--	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	--	

Table 2

HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS

May 1991 Through July 2004

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														
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	
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	
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	--	--	

Table 2

HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS

May 1991 Through July 2004

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														
7/9/1992	--	--	--	--	--	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	--	
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	--	

Table 2

HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS

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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-5 continued														
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	--	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	--	
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	

Table 2

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May 1991 Through July 2004

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	**(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	--	--	--	--	--	--	--	--	--	--	
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	--	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	--	
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	--	

Table 2

HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS

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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-6 continued														
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	--	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	
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	

Table 2

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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														
1/30/2004	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	
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	
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	

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May 1991 Through July 2004

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														
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	

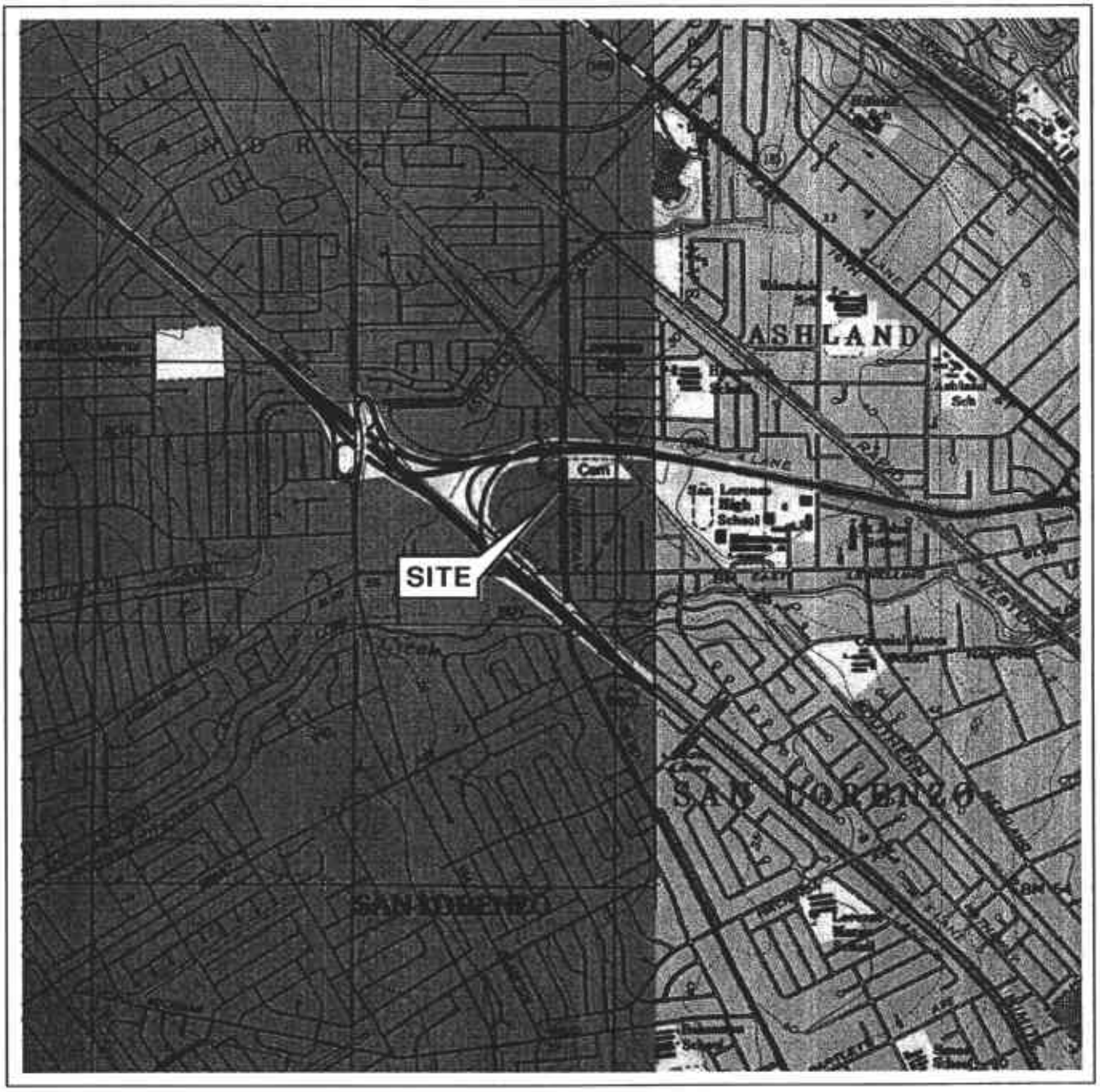
Table 3
ADDITIONAL ANALYTICAL RESULTS
Former 76 Station 7004

Date Sampled	EDC	EDB	TAME 8260B	TBA 8260B	DIPE 8260B	ETBE 8260B	Ethanol 8260B
	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)
MW-1							
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
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
MW-3							
8/25/2000	ND	ND	ND	ND	ND	ND	--
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
MW-4							
6/16/2003	--	--	--	--	--	--	ND<500
7/18/2003	--	--	--	--	--	--	ND<500
10/1/2003	--	--	--	--	--	--	ND<50

Table 3
ADDITIONAL ANALYTICAL RESULTS
Former 76 Station 7004

Date Sampled	EDC	EDB	TAME 8260B	TBA 8260B	DIPE 8260B	ETBE 8260B	Ethanol 8260B
	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)
MW-4 continued							
1/30/2004	--	--	--	--	--	--	ND<500
4/26/2004	--	--	--	--	--	--	ND<50
7/28/2004	--	--	--	--	--	--	ND<50
MW-5							
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
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
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

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

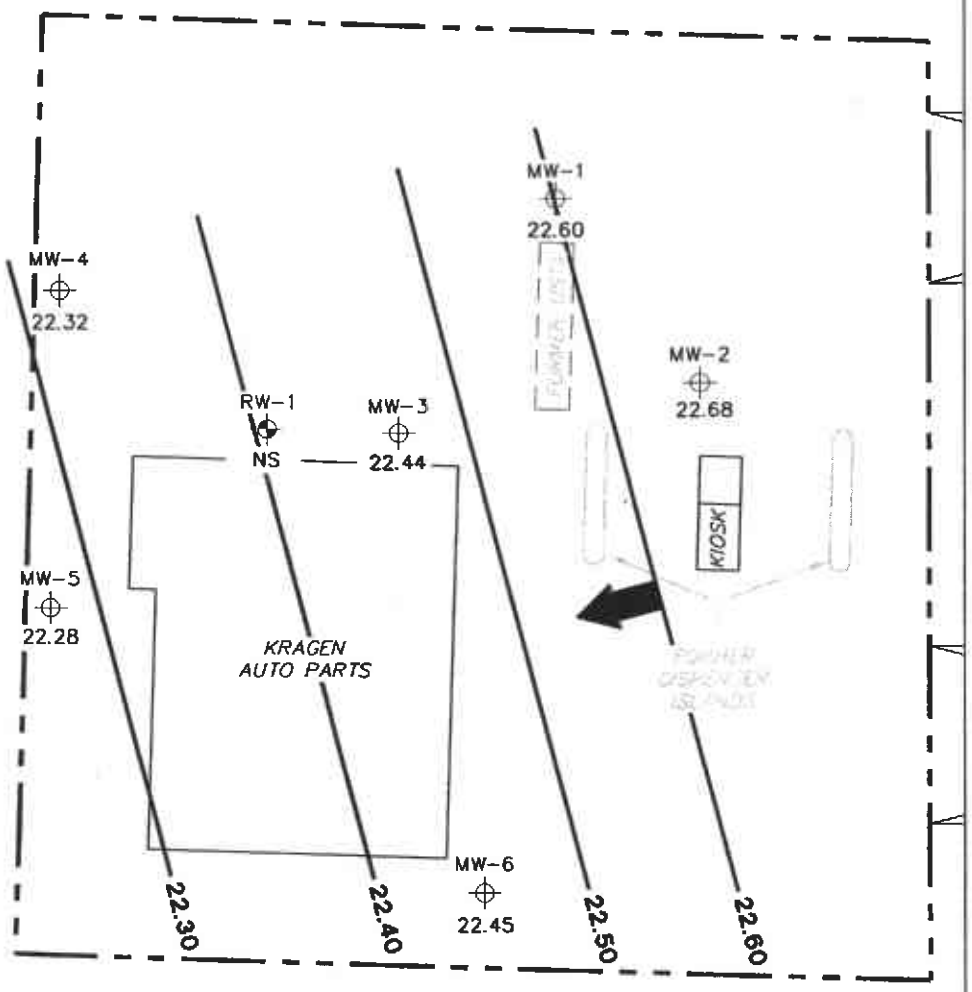
Former 76 Station 7004
15599 Hesperian Boulevard
San Leandro, California

TRC

FIGURE 1

PS = 1:1

Graphics on Ir1(i:)\VICINITY MAPS\7004vm.dwg 11/17/03 blw



LEGEND

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

RW-1 ⊕ Aquifer testing well

22.60 —— 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.

GROUNDWATER ELEVATION CONTOUR MAP
July 28, 2004

Former 76 Station 7004
15599 Hesperian Boulevard
San Leandro, California

TRC

SCALE (FEET)
0 40

FIGURE 2

PS=1:17004-003

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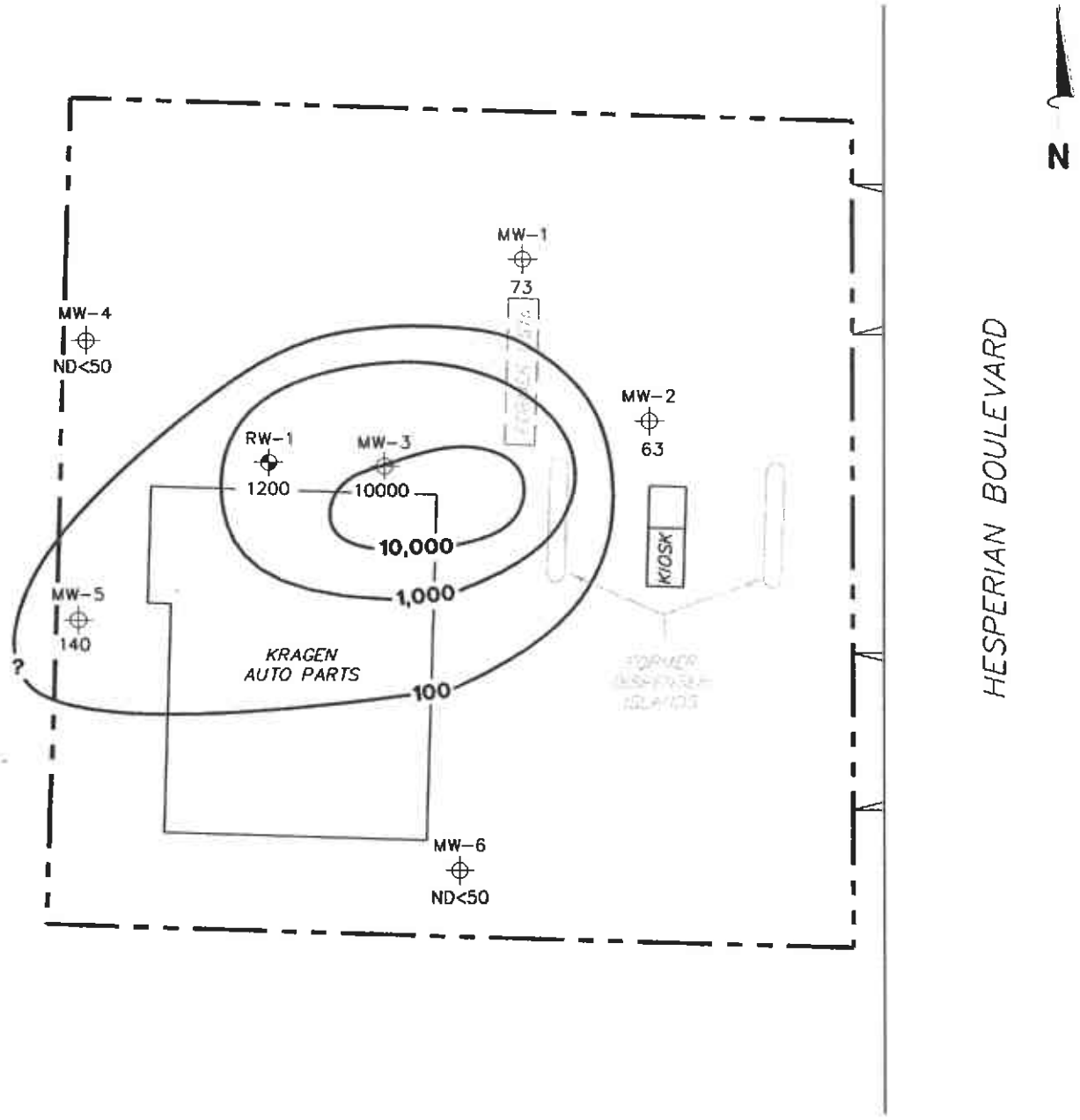


NOTES:

Contour lines are interpretive and based on fluid levels measured in monitoring wells. 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

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

DISSOLVED-PHASE TPPH CONCENTRATION MAP
July 28, 2004

Former 76 Station 7004
15599 Hesperian Boulevard
San Leandro, California

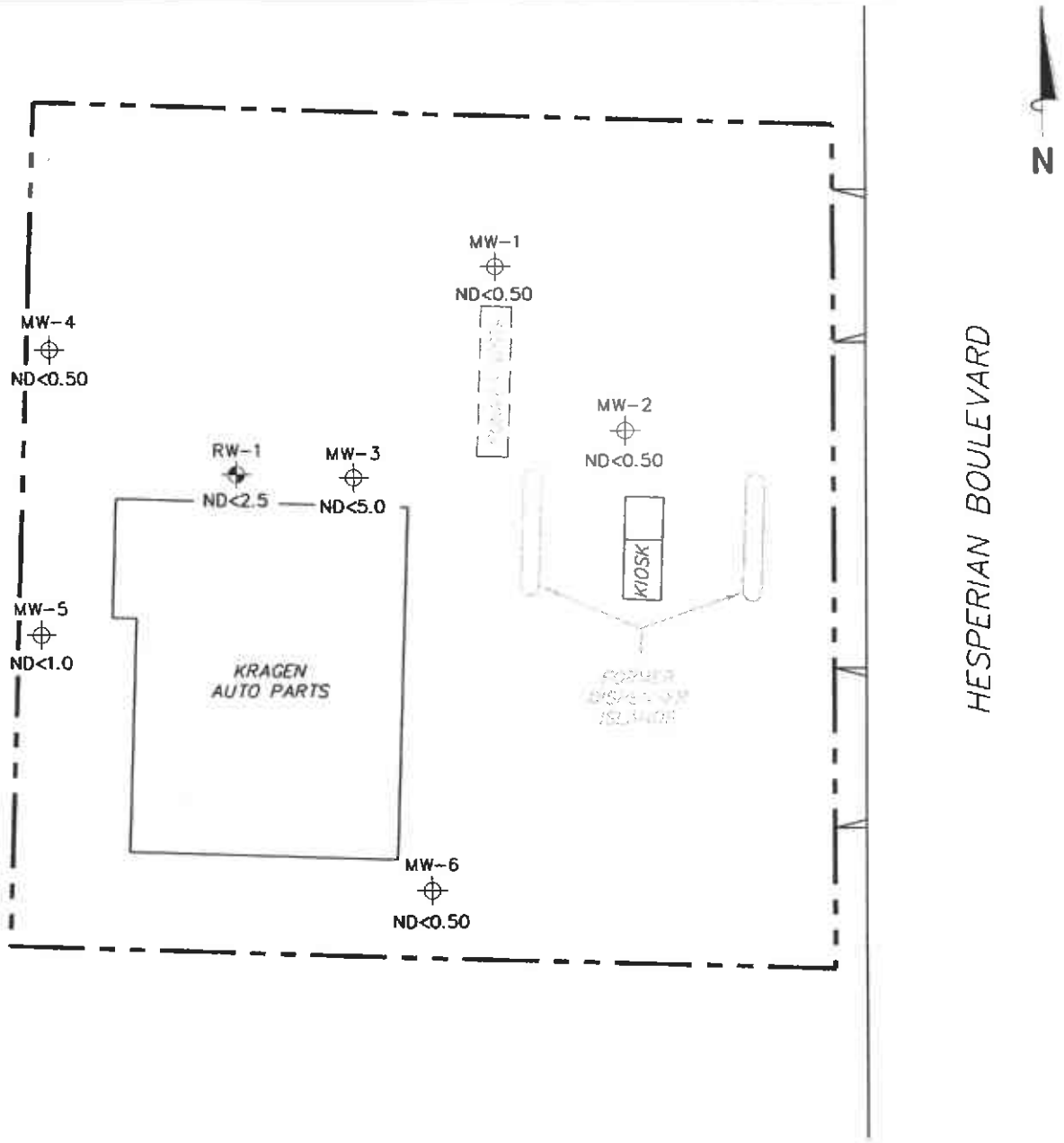
TRC

SCALE (FEET)
0 40

FIGURE 3

PS=1:17004-003

Graphics on Irvine-fs1(L:)\Graphics\Projects By...\20-xxxx\20-0400\x-7000\7004qms.dwg 8/25/04 bbs



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
July 28, 2004

Former 76 Station 7004
15599 Hesperian Boulevard
San Leandro, California

TRC

SCALE (FEET)
0 40

FIGURE 4

PS=1:17004-003

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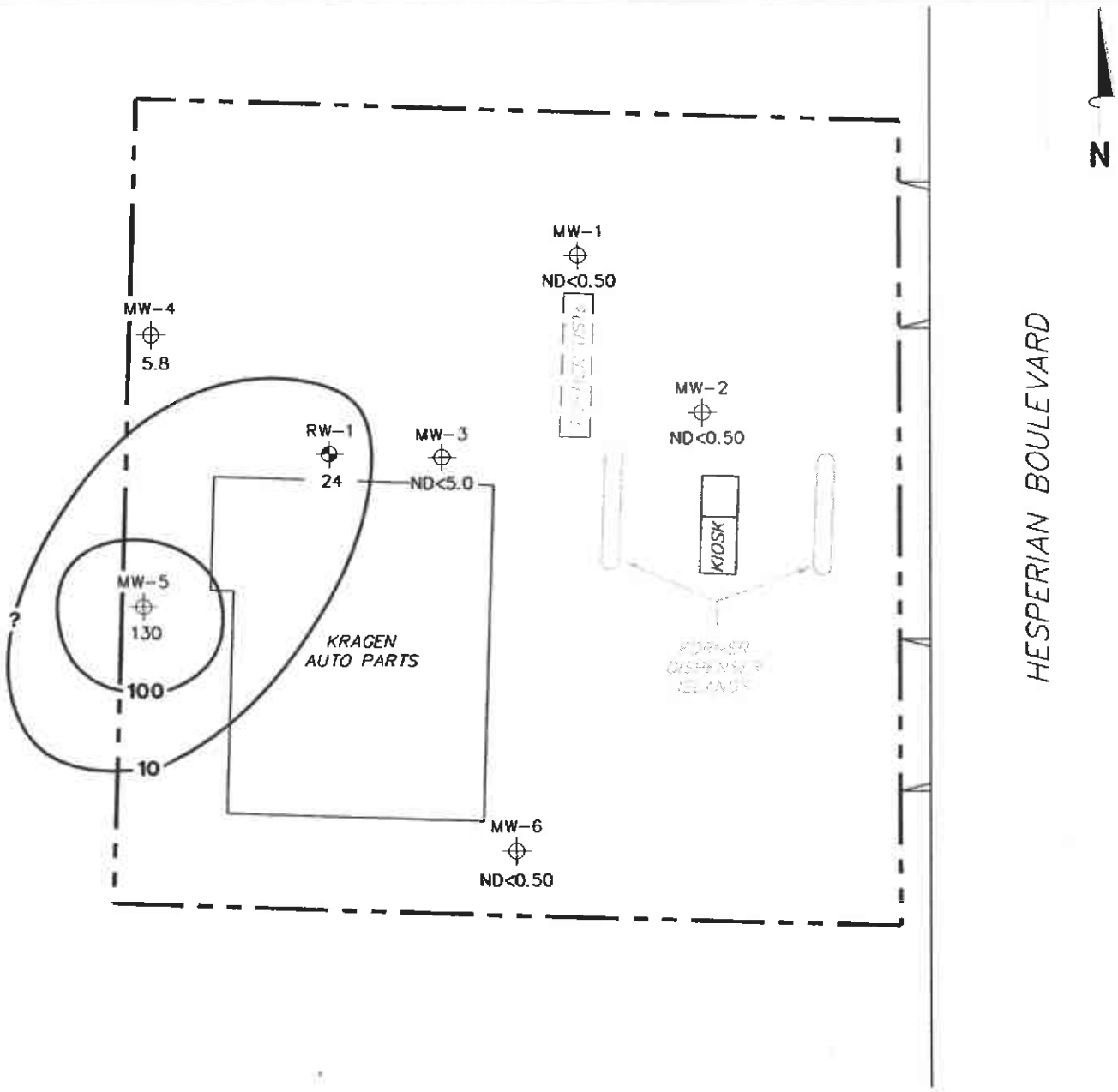

NOTES:

Contour lines are interpretive and based on fluid levels measured in monitoring wells. 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

100 Dissolved-Phase MTBE Contour (µg/l)

DISSOLVED-PHASE MTBE CONCENTRATION MAP
Juit 28, 2004

Former 76 Station 7004
15599 Hesperian Boulevard
San Leandro, California

TRC

SCALE (FEET)
0 40

FIGURE 5

PS=1:17004-003

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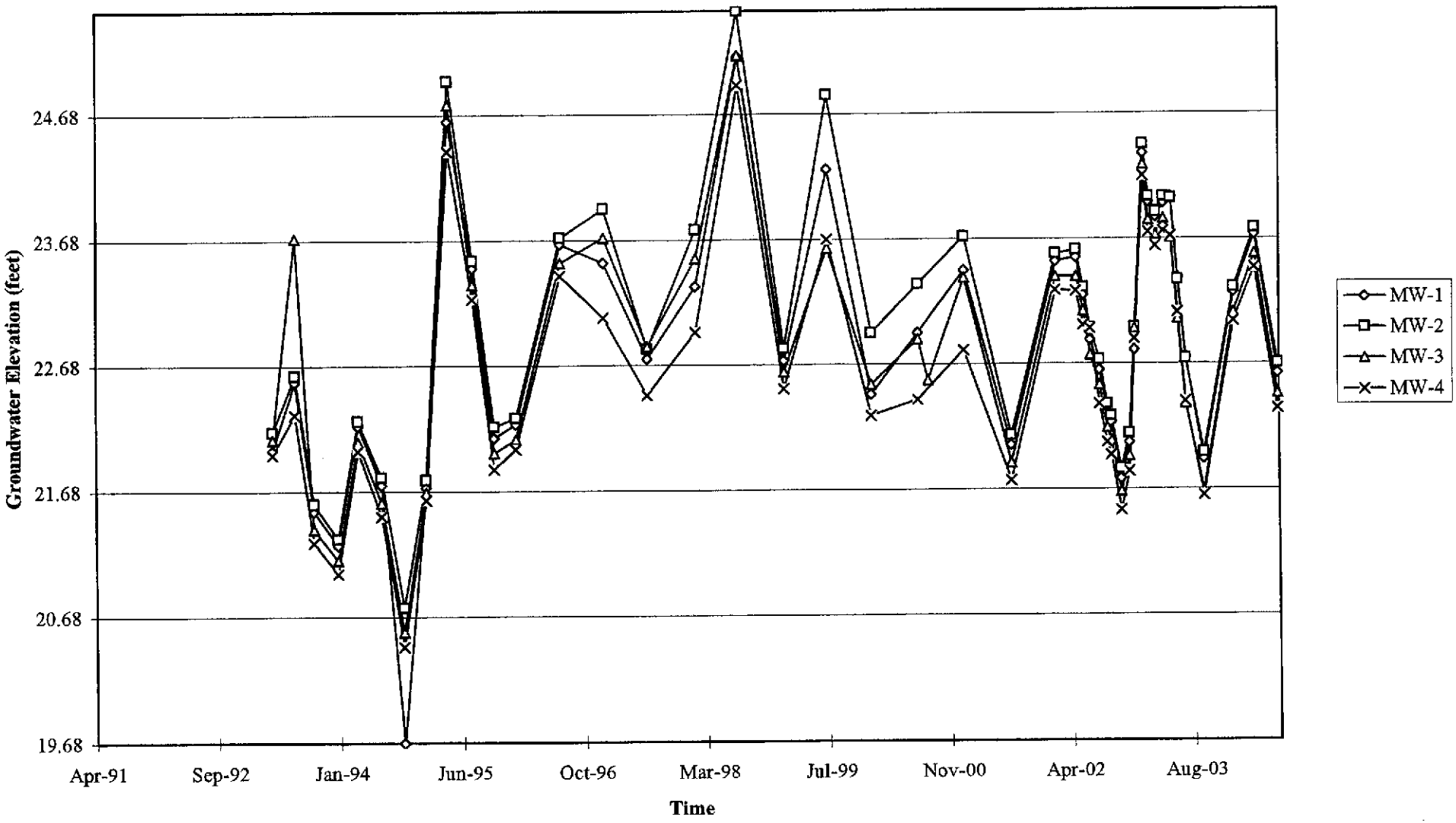
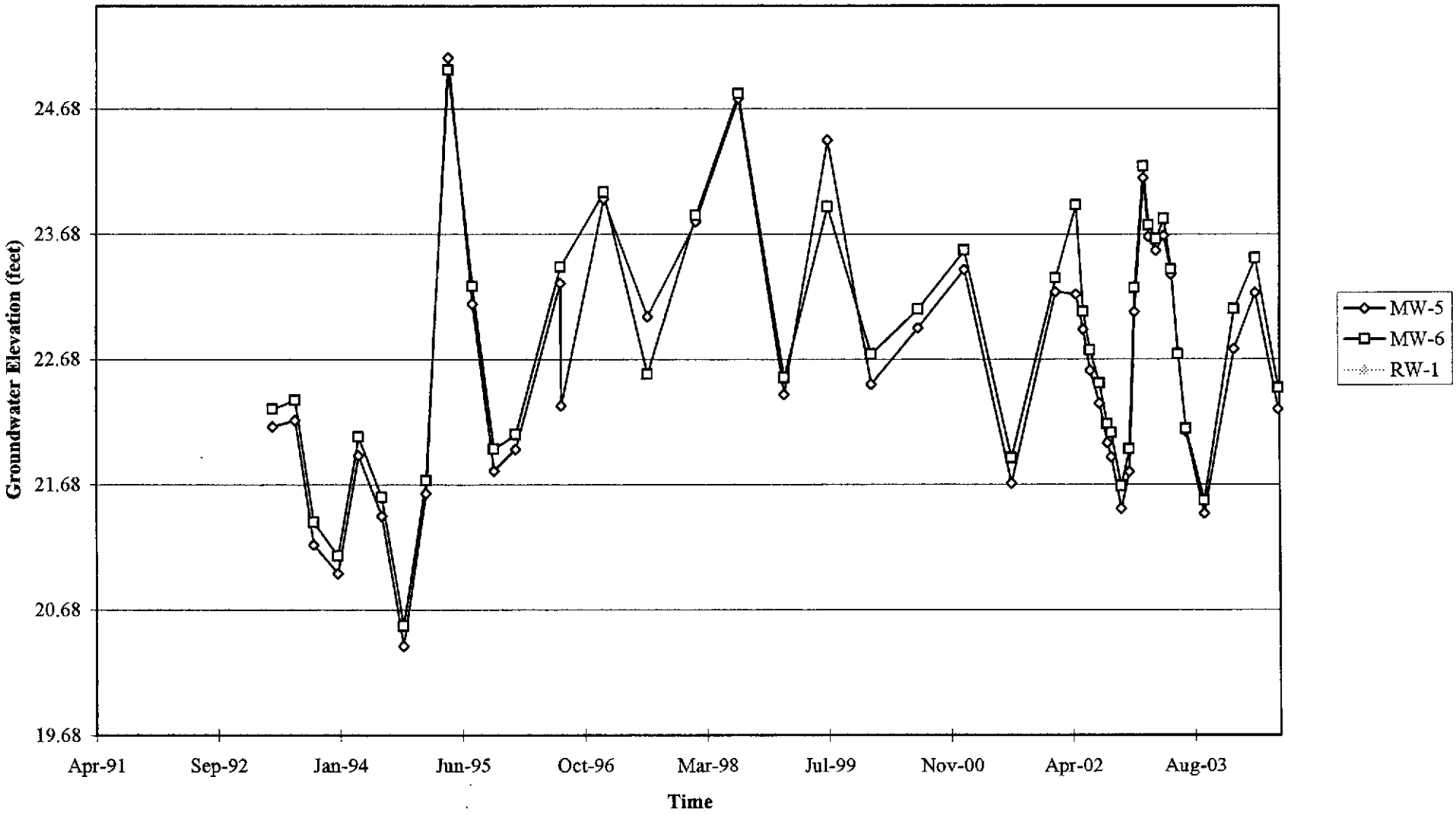
GRAPHS

Groundwater Elevations vs. Time
Former 76 Station 7004

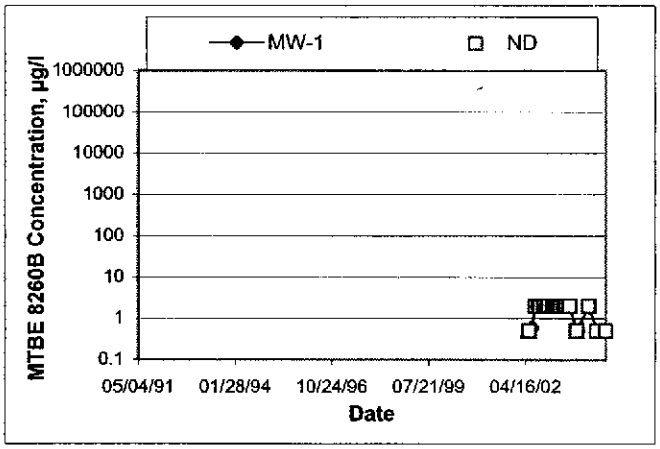


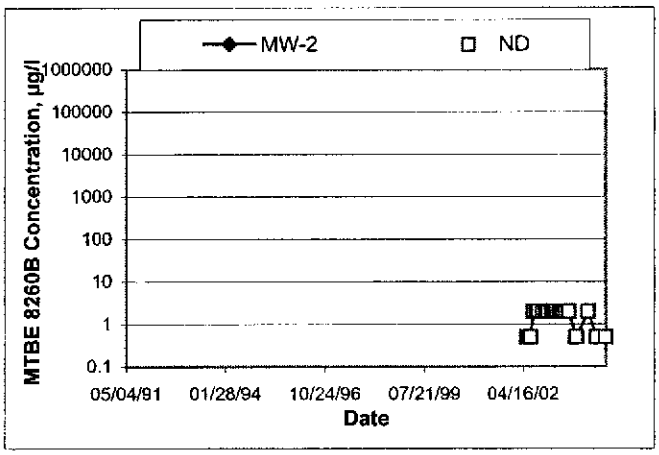
Groundwater Elevations vs. Time
Former 76 Station 7004

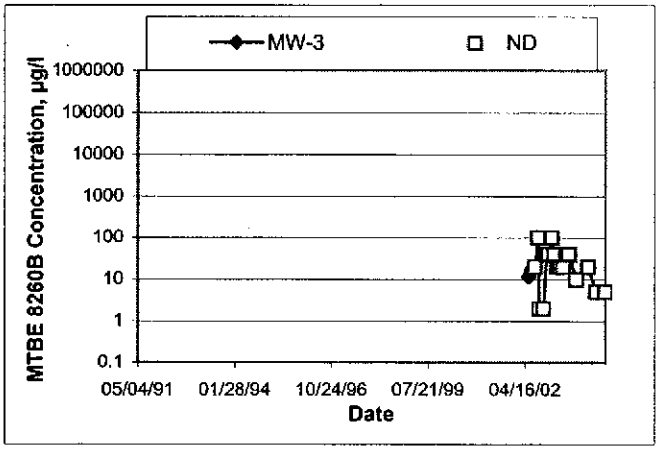


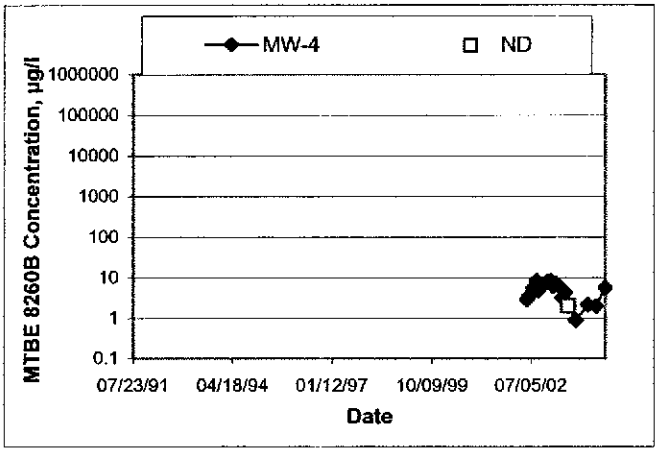
MTBE 8260B Concentrations vs Time

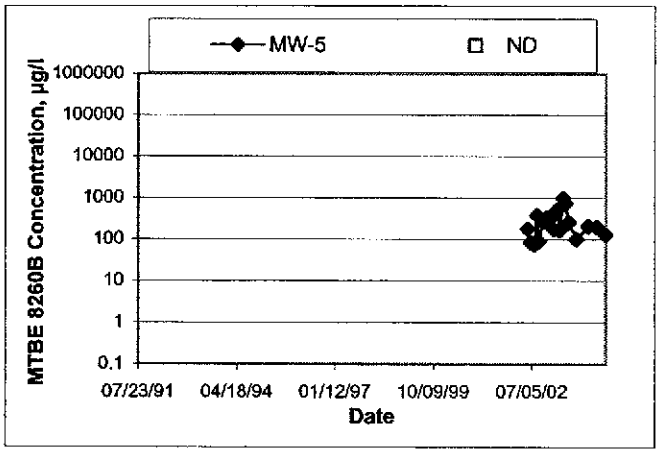
Former 76 Station 7004

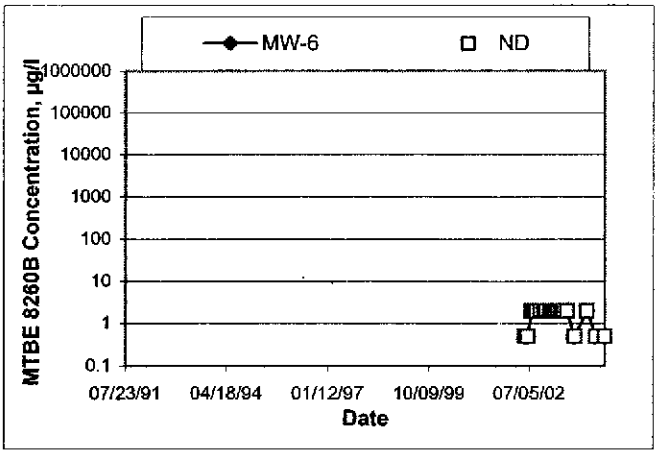


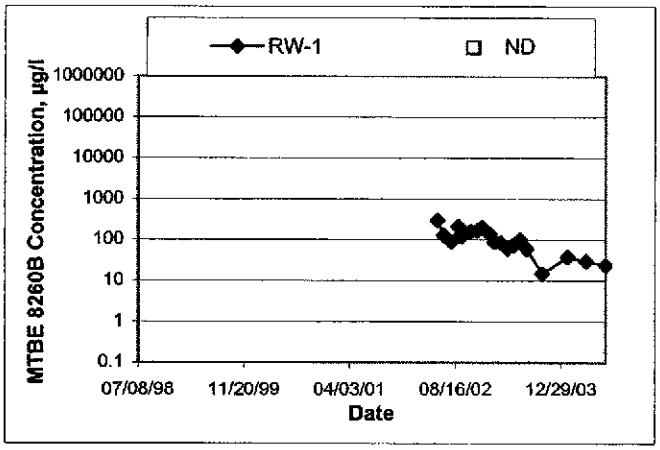












GENERAL FIELD PROCEDURES

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 measurement 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, and the samplers 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 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 well 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 well, 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: *[illegible]* Job #/Task #: 41050001/FA20 Date: 7/28/04

Site # 7804 Project Manager A-Collins Page 1 of 1

Well #	TOC	Time Gauged	Total Depth	Depth to Water	Depth to Product	Product Thickness (feet)	Time Sampled	Misc. Well Notes
RW-1	✓	0655	26.74	14.15	0	0	0930	6"
MW-6	✓	0635	25.53	14.68	0	0	0908	2"
MW-5	✓	0705	26.60	14.53	0	0	0734	2"
MW-4	✓	0700	25.55	13.12	0	0	0750	2"
MW-3	✓	0650	24.60	14.35	0	0	0820	2"
MW-2	✓	0640	24.27	14.39	0	0	0835	2"
MW-1	✓	0645	23.94	13.79	0	0	0849	2"

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

WTT CERTIFICATE MANIFEST DRUM INVENTORY ✓ TRAFFIC CONTROL

GROUNDWATER SAMPLING FIELD NOTES

Technician: Wade

Site: 7004 Project No.: 410500001 Date: 7/28/04

Well No.: MW-1
Depth to Water (feet): 13.79
Total Depth (feet): 23.94
Water Column (feet): 10.15
80% Recharge Depth (feet): 15.82

Purge Method: DTW
Depth to Product (feet): 0
LPH & Water Recovered (gallons): 0
Casing Diameter (Inches): 2"
1 Well Volume (gallons): 2

Time Start	Time Stop	Depth To Water (feet)	Volume Purged (gallons)	Conductivity (uS/cm)	Temperature (F, C)	pH	Turbidity	D.O
0839			2	886	21.6	7.31		
			4	896	21.7	7.16		
	0842		6	902	21.6	7.07		

Static at Time Sampled	Total Gallons Purged	Time Sampled
13.90	6	0849

Comments:

Well No.: MW-2
Depth to Water (feet): 14.39
Total Depth (feet): 24.27
Water Column (feet): 9.88
80% Recharge Depth (feet): 16.36

Purge Method: DTW
Depth to Product (feet): 0
LPH & Water Recovered (gallons): 6
Casing Diameter (Inches): 2"
1 Well Volume (gallons): 2

Time Start	Time Stop	Depth To Water (feet)	Volume Purged (gallons)	Conductivity (uS/cm)	Temperature (F, C)	pH	Turbidity	D.O
0825			2	861	21.2	7.40		
			4	859	21.5	7.21		
	0829		6	871	21.5	7.13		

Static at Time Sampled	Total Gallons Purged	Time Sampled
14.66	6	0835

Comments:

GROUNDWATER SAMPLING FIELD NOTES

Technician: [illegible]

Site: 7004 Project No.: 410502001 Date: 7/28/04

Well No.: MW-5
Depth to Water (feet): 14.53
Total Depth (feet): 26.00
Water Column (feet): 11.47
80% Recharge Depth (feet): 14.82

Purge Method: DTW
Depth to Product (feet): 0
LPH & Water Recovered (gallons): 0
Casing Diameter (Inches): 2"
1 Well Volume (gallons): 2

Time Start	Time Stop	Depth To Water (feet)	Volume Purged (gallons)	Conductivity (uS/cm)	Temperature (F, C)	pH	Turbidity	D.O.
0722			2	987	20.4	6.98		
			4	991	20.6	6.96		
	0726		6	992	20.9	6.94		

Static at Time Sampled	Total Gallons Purged	Time Sampled
14.60	6	0734

Comments:

Well No.: MW-4
Depth to Water (feet): 13.12
Total Depth (feet): 25.55
Water Column (feet): 12.43
80% Recharge Depth (feet): 15.60

Purge Method: DTW
Depth to Product (feet): 0
LPH & Water Recovered (gallons): 0
Casing Diameter (Inches): 2"
1 Well Volume (gallons): 2

Time Start	Time Stop	Depth To Water (feet)	Volume Purged (gallons)	Conductivity (uS/cm)	Temperature (F, C)	pH	Turbidity	D.O.
0739			2	974	20.8	7.32		
			4	965	21.1	7.14		
	0743		6	963	21.4	7.14		

Static at Time Sampled	Total Gallons Purged	Time Sampled
13.23	6	0750

Comments:

GROUNDWATER SAMPLING FIELD NOTES

Technician: Hyde

Site: 7664 Project No.: 410502001 Date: 7/28/04

Well No.: RW-1
Depth to Water (feet): 14.15
Total Depth (feet): 26.74
Water Column (feet): 12.59
80% Recharge Depth (feet): 16.66

Purge Method: DTW
Depth to Product (feet): 0
LPH & Water Recovered (gallons): 0
Casing Diameter (Inches): 6
1 Well Volume (gallons): 19

Time Start	Time Stop	Depth To Water (feet)	Volume Purged (gallons)	Conductivity (uS/cm)	Temperature (F, C)	pH	Turbidity	D.O.
0753			19	997	21.0	7.16		
	0803		38	995	21.0	7.21		
0911	0918		57	959	21.3	7.25		

Static at Time Sampled	Total Gallons Purged	Time Sampled
16.55	57	0920

Comments: ORP @ 42 GALLONS.

Well No.: MW-3
Depth to Water (feet): 14.25
Total Depth (feet): 24.60
Water Column (feet): 10.25
80% Recharge Depth (feet): 16.05

Purge Method: DTW
Depth to Product (feet): 0
LPH & Water Recovered (gallons): 0
Casing Diameter (Inches): 2
1 Well Volume (gallons): 2

Time Start	Time Stop	Depth To Water (feet)	Volume Purged (gallons)	Conductivity (uS/cm)	Temperature (F, C)	pH	Turbidity	D.O.
0810			2	983	20.8	7.27		
			4	980	21.1	6.97		
	0814		6	965	21.2	6.92		

Static at Time Sampled	Total Gallons Purged	Time Sampled
14.95	6	0820

Comments:

GROUNDWATER SAMPLING FIELD NOTES

Technician: Glover

Site: 7004 Project No.: 410SD001 Date: 7/28/04

Well No.: MW-6
Depth to Water (feet): 14.68
Total Depth (feet): 25.53
Water Column (feet): 10.85
80% Recharge Depth (feet): 16.85

Purge Method: DTW
Depth to Product (feet): 0
LPH & Water Recovered (gallons): 0
Casing Diameter (Inches): 2"
1 Well Volume (gallons): 2

Time Start	Time Stop	Depth To Water (feet)	Volume Purged (gallons)	Conductivity (uS/cm)	Temperature (F, C)	pH	Turbidity	D.O.
0858			3	999	20.9	7.43		
			4	1007	21.2	7.27		
	0902		4	1008	21.0	7.25		

Static at Time Sampled	Total Gallons Purged	Time Sampled
15.45	4	0908

Comments:

Well No.:
Depth to Water (feet):
Total Depth (feet):
Water Column (feet):
80% Recharge Depth (feet):

Purge Method:
Depth to Product (feet):
LPH & Water Recovered (gallons):
Casing Diameter (Inches):
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:

SEVERN TRENT STL

Submission#: 2004-07-0889

TRC Alton Geoscience- Irvine

August 12, 2004

21 Technology Drive
Irvine, CA 92718

Attn.: Anju Farfan

Project#: 41050001FA20
Project: Conoco Phillips # 7004
Site: 15599 Hesperian Blvd.

Attached is our report for your samples received on 07/29/2004 09:47
This report has been reviewed and approved for release. Reproduction of this report is permitted only in its entirety.

Please note that any unused portion of the samples will be discarded after 09/12/2004 unless you have requested otherwise.
We appreciate the opportunity to be of service to you. If you have any questions, please call me at (925) 484-1919.
You can also contact me via email. My email address is: dsharma@stl-inc.com

Sincerely,

Dimple Sharma
Project Manager

SEVERN TRENT STL

Submission: 2004-07-0889

Gas/BTEX Fuel Oxygenates by 8260B

TRC Alton Geoscience- Irvine
Attn.: Anju Farfan

21 Technology Drive
Irvine, CA 92718
Phone: (949) 341-7440 Fax: (949) 753-0111

Project: 41050001FA20
Conoco Phillips # 7004

Received: 07/29/2004 09:47

Site: 15599 Hesperian Blvd.

Samples Reported

Sample Name	Date Sampled	Matrix	Lab #
RW-1	07/28/2004 09:30	Water	1
MW-6	07/28/2004 09:08	Water	2
MW-5	07/28/2004 07:34	Water	3
MW-4	07/28/2004 07:50	Water	4
MW-3	07/28/2004 08:20	Water	5
MW-2	07/28/2004 08:35	Water	6
MW-1	07/28/2004 08:49	Water	7

Gas/BTEX Fuel Oxygenates by 8260B

TRC Alton Geoscience- Irvine
Attn.: Anju Farfan

21 Technology Drive
Irvine, CA 92718
Phone: (949) 341-7440 Fax: (949) 753-0111

Project: 41050001FA20
Conoco Phillips # 7004

Received: 07/29/2004 09:47

Site: 15599 Hesperian Blvd.

Prep(s): 5030B
Test(s): 8260FAB
Sample ID: **RW-1**
Lab ID: 2004-07-0889 - 1
Sampled: 07/28/2004 09:30
Extracted: 8/5/2004 18:31
Matrix: Water
QC Batch#: 2004/08/05-02.64
Analysis Flag: o (See Legend and Note Section)

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Gasoline	1200	250	ug/L	5.00	08/05/2004 18:31	
Benzene	ND	2.5	ug/L	5.00	08/05/2004 18:31	
Toluene	ND	2.5	ug/L	5.00	08/05/2004 18:31	
Ethylbenzene	15	2.5	ug/L	5.00	08/05/2004 18:31	
Total xylenes	ND	5.0	ug/L	5.00	08/05/2004 18:31	
Methyl tert-butyl ether (MTBE)	24	2.5	ug/L	5.00	08/05/2004 18:31	
Ethanol	ND	250	ug/L	5.00	08/05/2004 18:31	
Surrogate(s)						
1,2-Dichloroethane-d4	117.0	72-128	%	5.00	08/05/2004 18:31	
Toluene-d8	105.2	80-113	%	5.00	08/05/2004 18:31	

Gas/BTEX Fuel Oxygenates by 8260B

TRC Alton Geoscience- Irvine
Attn.: Anju Farfan

21 Technology Drive
Irvine, CA 92718
Phone: (949) 341-7440 Fax: (949) 753-0111

Project: 41050001FA20
Conoco Phillips # 7004

Received: 07/29/2004 09:47

Site: 15599 Hesperian Blvd.

Prep(s): 5030B
Sample ID: **MW-6**
Sampled: 07/28/2004 09:08
Matrix: Water

Test(s): 8260FAB
Lab ID: 2004-07-0889 - 2
Extracted: 8/5/2004 18:53
QC Batch#: 2004/08/05-02.64

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Gasoline	ND	50	ug/L	1.00	08/05/2004 18:53	
Benzene	ND	0.50	ug/L	1.00	08/05/2004 18:53	
Toluene	ND	0.50	ug/L	1.00	08/05/2004 18:53	
Ethylbenzene	ND	0.50	ug/L	1.00	08/05/2004 18:53	
Total xylenes	ND	1.0	ug/L	1.00	08/05/2004 18:53	
Methyl tert-butyl ether (MTBE)	ND	0.50	ug/L	1.00	08/05/2004 18:53	
Ethanol	ND	50	ug/L	1.00	08/05/2004 18:53	
Surrogate(s)						
1,2-Dichloroethane-d4	106.4	72-128	%	1.00	08/05/2004 18:53	
Toluene-d8	106.3	80-113	%	1.00	08/05/2004 18:53	

Gas/BTEX Fuel Oxygenates by 8260B

TRC Alton Geoscience- Irvine
Attn.: Anju Farfan

21 Technology Drive
Irvine, CA 92718
Phone: (949) 341-7440 Fax: (949) 753-0111

Project: 41050001FA20
Conoco Phillips # 7004

Received: 07/29/2004 09:47

Site: 15599 Hesperian Blvd.

Prep(s): 5030B
Test(s): 8260FAB
Sample ID: **MW-5**
Lab ID: 2004-07-0889 - 3
Sampled: 07/28/2004 07:34
Extracted: 8/5/2004 19:15
Matrix: Water
QC Batch#: 2004/08/05-02.64
Analysis Flag: o (See Legend and Note Section)

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Gasoline	140	100	ug/L	2.00	08/05/2004 19:15	g
Benzene	ND	1.0	ug/L	2.00	08/05/2004 19:15	
Toluene	ND	1.0	ug/L	2.00	08/05/2004 19:15	
Ethylbenzene	ND	1.0	ug/L	2.00	08/05/2004 19:15	
Total xylenes	ND	2.0	ug/L	2.00	08/05/2004 19:15	
Methyl tert-butyl ether (MTBE)	130	1.0	ug/L	2.00	08/05/2004 19:15	
Ethanol	ND	100	ug/L	2.00	08/05/2004 19:15	
Surrogate(s)						
1,2-Dichloroethane-d4	113.6	72-128	%	2.00	08/05/2004 19:15	
Toluene-d8	106.2	80-113	%	2.00	08/05/2004 19:15	

Gas/BTEX Fuel Oxygenates by 8260B

TRC Alton Geoscience- Irvine
Attn.: Anju Farfan

21 Technology Drive
Irvine, CA 92718
Phone: (949) 341-7440 Fax: (949) 753-0111

Project: 41050001FA20
Conoco Phillips # 7004

Received: 07/29/2004 09:47

Site: 15599 Hesperian Blvd.

Prep(s):	5030B	Test(s):	8260FAB
Sample ID:	**MW-4**	Lab ID:	2004-07-0889 - 4
Sampled:	07/28/2004 07:50	Extracted:	8/5/2004 19:38
Matrix:	Water	QC Batch#:	2004/08/05-02.64

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Gasoline	ND	50	ug/L	1.00	08/05/2004 19:38	
Benzene	ND	0.50	ug/L	1.00	08/05/2004 19:38	
Toluene	ND	0.50	ug/L	1.00	08/05/2004 19:38	
Ethylbenzene	ND	0.50	ug/L	1.00	08/05/2004 19:38	
Total xylenes	ND	1.0	ug/L	1.00	08/05/2004 19:38	
Methyl tert-butyl ether (MTBE)	5.8	0.50	ug/L	1.00	08/05/2004 19:38	
Ethanol	ND	50	ug/L	1.00	08/05/2004 19:38	
Surrogate(s)						
1,2-Dichloroethane-d4	112.9	72-128	%	1.00	08/05/2004 19:38	
Toluene-d8	104.9	80-113	%	1.00	08/05/2004 19:38	

Gas/BTEX Fuel Oxygenates by 8260B

TRC Alton Geoscience- Irvine

Attn.: Anju Farfan

21 Technology Drive
Irvine, CA 92718
Phone: (949) 341-7440 Fax: (949) 753-0111

Project: 41050001FA20
Conoco Phillips # 7004

Received: 07/29/2004 09:47

Site: 15599 Hesperian Blvd.

Prep(s): 5030B
Test(s): 8260FAB

Sample ID: **MW-3**
Lab ID: 2004-07-0889 - 5

Sampled: 07/28/2004 08:20
Extracted: 8/5/2004 20:00

Matrix: Water
QC Batch#: 2004/08/05-02.64

Analysis Flag: o (See Legend and Note Section)

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Gasoline	10000	500	ug/L	10.00	08/05/2004 20:00	
Benzene	ND	5.0	ug/L	10.00	08/05/2004 20:00	
Toluene	ND	5.0	ug/L	10.00	08/05/2004 20:00	
Ethylbenzene	450	5.0	ug/L	10.00	08/05/2004 20:00	
Total xylenes	ND	10	ug/L	10.00	08/05/2004 20:00	
Methyl tert-butyl ether (MTBE)	ND	5.0	ug/L	10.00	08/05/2004 20:00	
Ethanol	ND	500	ug/L	10.00	08/05/2004 20:00	
Surrogate(s)						
1,2-Dichloroethane-d4	125.9	72-128	%	10.00	08/05/2004 20:00	
Toluene-d8	104.7	80-113	%	10.00	08/05/2004 20:00	

Gas/BTEX Fuel Oxygenates by 8260B

TRC Alton Geoscience- Irvine

Attn.: Anju Farfan

21 Technology Drive
Irvine, CA 92718
Phone: (949) 341-7440 Fax: (949) 753-0111

Project: 41050001FA20
Conoco Phillips # 7004

Received: 07/29/2004 09:47

Site: 15599 Hesperian Blvd.

Prep(s): 5030B
Sample ID: **MW-2**
Sampled: 07/28/2004 08:35
Matrix: Water

Test(s): 8260FAB
Lab ID: 2004-07-0889 - 6
Extracted: 8/5/2004 20:22
QC Batch#: 2004/08/05-02.64

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Gasoline	63	50	ug/L	1.00	08/05/2004 20:22	g
Benzene	ND	0.50	ug/L	1.00	08/05/2004 20:22	
Toluene	ND	0.50	ug/L	1.00	08/05/2004 20:22	
Ethylbenzene	ND	0.50	ug/L	1.00	08/05/2004 20:22	
Total xylenes	ND	1.0	ug/L	1.00	08/05/2004 20:22	
Methyl tert-butyl ether (MTBE)	ND	0.50	ug/L	1.00	08/05/2004 20:22	
Ethanol	ND	50	ug/L	1.00	08/05/2004 20:22	
Surrogate(s)						
1,2-Dichloroethane-d4	110.7	72-128	%	1.00	08/05/2004 20:22	
Toluene-d8	103.2	80-113	%	1.00	08/05/2004 20:22	

Gas/BTEX Fuel Oxygenates by 8260B

TRC Alton Geoscience- Irvine

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Project: 41050001FA20
Conoco Phillips # 7004

Received: 07/29/2004 09:47

Site: 15599 Hesperian Blvd.

Prep(s):	5030B	Test(s):	8260FAB
Sample ID:	**MW-1**	Lab ID:	2004-07-0889 - 7
Sampled:	07/28/2004 08:49	Extracted:	8/5/2004 20:45
Matrix:	Water	QC Batch#:	2004/08/05-02.64

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Gasoline	73	50	ug/L	1.00	08/05/2004 20:45	g
Benzene	ND	0.50	ug/L	1.00	08/05/2004 20:45	
Toluene	ND	0.50	ug/L	1.00	08/05/2004 20:45	
Ethylbenzene	ND	0.50	ug/L	1.00	08/05/2004 20:45	
Total xylenes	ND	1.0	ug/L	1.00	08/05/2004 20:45	
Methyl tert-butyl ether (MTBE)	ND	0.50	ug/L	1.00	08/05/2004 20:45	
Ethanol	ND	50	ug/L	1.00	08/05/2004 20:45	
Surrogate(s)						
1,2-Dichloroethane-d4	119.8	72-128	%	1.00	08/05/2004 20:45	
Toluene-d8	104.4	80-113	%	1.00	08/05/2004 20:45	

Gas/BTEX Fuel Oxygenates by 8260B

TRC Alton Geoscience- Irvine
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21 Technology Drive
Irvine, CA 92718
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Project: 41050001FA20
Conoco Phillips # 7004

Received: 07/29/2004 09:47

Site: 15599 Hesperian Blvd.

Batch QC Report

Prep(s): 5030B
Method Blank
MB: 2004/08/05-02.64-003

Water

Test(s): 8260FAB
QC Batch # 2004/08/05-02.64
Date Extracted: 08/05/2004 18:03

Compound	Conc.	RL	Unit	Analyzed	Flag
Gasoline	ND	50	ug/L	08/05/2004 18:03	
Benzene	ND	0.5	ug/L	08/05/2004 18:03	
Toluene	ND	0.5	ug/L	08/05/2004 18:03	
Ethylbenzene	ND	0.5	ug/L	08/05/2004 18:03	
Total xylenes	ND	1.0	ug/L	08/05/2004 18:03	
Methyl tert-butyl ether (MTBE)	ND	0.5	ug/L	08/05/2004 18:03	
Ethanol	ND	50	ug/L	08/05/2004 18:03	
Surrogates(s)					
1,2-Dichloroethane-d4	105.2	72-128	%	08/05/2004 18:03	
Toluene-d8	107.8	80-113	%	08/05/2004 18:03	

Gas/BTEX Fuel Oxygenates by 8260B

TRC Alton Geoscience- Irvine
Attn.: Anju Farfan

21 Technology Drive
Irvine, CA 92718
Phone: (949) 341-7440 Fax: (949) 753-0111

Project: 41050001FA20
Conoco Phillips # 7004

Received: 07/29/2004 09:47

Site: 15599 Hesperian Blvd.

Batch QC Report

Prep(s): 5030B

Test(s): 8260FAB

Laboratory Control Spike **Water** **QC Batch # 2004/08/05-02.64**

LCS 2004/08/05-02.64-018 Extracted: 08/05/2004 Analyzed: 08/05/2004 17:18
LCSD 2004/08/05-02.64-040 Extracted: 08/05/2004 Analyzed: 08/05/2004 17:40

Compound	Conc. ug/L		Exp.Conc.	Recovery %		RPD	Ctrl.Limits %		Flags	
	LCS	LCSD		LCS	LCSD	%	Rec.	RPD	LCS	LCSD
Benzene	25.8	23.5	25.0	103.2	94.0	9.3	69-129	20		
Toluene	28.0	26.0	25.0	112.0	104.0	7.4	70-130	20		
Methyl tert-butyl ether (MTBE)	26.5	26.0	25.0	106.0	104.0	1.9	65-165	20		
Surrogates(s)										
1,2-Dichloroethane-d4	488	510	500	97.6	102.0		72-128			
Toluene-d8	528	513	500	105.6	102.6		80-113			

Gas/BTEX Fuel Oxygenates by 8260B

TRC Alton Geoscience- Irvine

Attn.: Anju Farfan

21 Technology Drive
Irvine, CA 92718
Phone: (949) 341-7440 Fax: (949) 753-0111

Project: 41050001FA20
Conoco Phillips # 7004

Received: 07/29/2004 09:47

Site: 15599 Hesperian Blvd.

Legend and Notes

Analysis Flag

o

Reporting limits were raised due to high level of analyte present in the sample.

Result Flag

g

Hydrocarbon reported in the gasoline range does not match our gasoline standard.

SEVERN TRENT STL

STL San Francisco

Sample Receipt Checklist

Submission #:2004- 07 - 0889

Checklist completed by: (initials) JM Date: 7 / 30 /04

Courier name: ☒ STL San Francisco ☐ Client _____

Custody seals intact on shipping container/samples	Yes____ No____	Not Present /
Chain of custody present?	Yes / No____	
Chain of custody signed when relinquished and received?	Yes / No____	
Chain of custody agrees with sample labels?	Yes / No____	
Samples in proper container/bottle?	Yes / No____	
Sample containers intact?	Yes / No____	
Sufficient sample volume for indicated test?	Yes / No____	
All samples received within holding time?	Yes / No____	
Container/Temp Blank temperature in compliance (4^{o} C ± 2)?	Temp: 4.0 °C Yes / No____	
	Ice Present Yes / No____	
Water - VOA vials have zero headspace?	No VOA vials submitted____ Yes / No____	

(if bubble is present, refer to approximate bubble size and itemize in comments as **S** (small ~O), **M** (medium ~ O) or L (large ~ O)

Water - **pH acceptable upon receipt?** ☐ Yes ☐ No

☐ **pH adjusted**– Preservative used: ☐ HNO_3 ☐ HCl ☐ H_2SO_4 ☐ NaOH ☐ ZnOAc –**Lot #(s)** _____

For any item check-listed "No", provided detail of discrepancy in comment section below:

Comments: _____

Project Management [Routing for instruction of indicated discrepancy(ies)]

Project Manager: (initials) _____ Date: _____/_____/04

Client contacted: ☐ Yes ☐ No

Summary of discussion: _____

Corrective Action (per PM/Client): _____

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.