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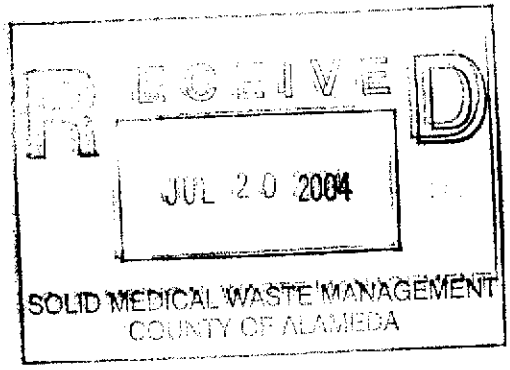
June 25, 2004



ConocoPhillips Company
76 Broadway
Sacramento, CA 95818

ATTN: MR. THOMAS H. KOSEL

SITE: 76 STATION 0746
3943 BROADWAY
OAKLAND, CALIFORNIA

RE: QUARTERLY MONITORING REPORT
APRIL THROUGH JUNE 2004

Dear Mr. Kosel:

Please find enclosed our revised Quarterly Monitoring Report for 76 Station 0746, located at 3943 Broadway Street, Oakland, California. If you have any questions regarding this report, please call us at (949) 753-0101.

Sincerely,

TRC

Anju Farfan

Anju Farfan
QMS Operations Manager

CC: Ms. Eva Chu, Alameda County Health Care Services
Ms. Barbara Moed, TRC

Enclosures
20-0400/0746R03.QMS

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

TRC

Customer-Focused Solutions

QUARTERLY MONITORING REPORT
APRIL THROUGH JUNE 2004

76 STATION 0746
3943 Broadway
Oakland, California

Prepared For:

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

By:

Senior Project Geologist, Irvine Operations
June 25, 2004

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

QUARTERLY MONITORING REPORT

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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	Benzene Concentrations vs. Time Hydrographs
Field Activities	General Field Procedures Groundwater Sampling Field Notes
Laboratory Reports	Official Laboratory Reports Quality Control Reports Chain of Custody Records
Statements	Purge Water Transport and Disposal Limitations

Summary of Gauging and Sampling Activities
April 2004 through June 2004
76 Station 0746
3943 Broadway
Oakland, CA

Site Information:

Site:	76 Station 3943 Broadway Oakland, CA
Project Coordinator/Phone Number:	Thomas H. Kosel/916-558-7666
Groundwater wells onsite:	8
Groundwater wells offsite:	5

Field Activity:

Sampling consultant:	TRC
Date(s) sampled:	05/24/04
Groundwater wells gauged:	12
Groundwater wells sampled:	11
Purging method:	bailer/diaphragm pump
Treatment/disposal method during sampling event:	Onyx/Rodeo Unit 100
Free product pumpouts other than sampling event:	No
Treatment/Disposal method during free product pumpouts:	N/A

Site Hydrogeology:

Minimum depth to groundwater (feet bgs):	7.54
Maximum depth to groundwater (feet bgs):	11.52
Average groundwater elevation (feet relative to mean sea level):	71.57
Average change in groundwater elevations since previous event (feet):	0.82
Groundwater gradient and flow direction:	0.06 ft/ft, southwest
Previous gradient and/or flow direction (and date):	0.025 ft/ft, Southwest (11/04/03)

Groundwater Condition (Benzene Maximum Contaminant Level [MCL] = 1.0 µg/l)

Wells with benzene concentrations below MCL:	8
Wells with benzene concentrations at or above MCL:	3
Minimum benzene concentration (µg/l):	ND
Maximum benzene concentration (µg/l):	20 (RW-1)
Minimum MTBE concentration (µg/l):	ND
Maximum MTBE concentration (µg/l):	1200 (MW-3)
Minimum TPPH concentration (µg/l):	ND
Maximum TPPH concentration (µg/l):	10000 (MW-3)
Groundwater wells with free product:	1
Minimum free product thickness (feet):	0
Maximum free product thickness (feet):	0.25

Additional Information:

MW-2=Could not open well,

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.

TABLE KEY

ABBREVIATIONS / SYMBOLS

LPH	=	liquid-phase hydrocarbons
µg/l	=	micrograms per liter
mg/l	=	milligrams per liter
ND	=	not detected at or above laboratory detection limit
DTSC	=	Department of Toxic Substances Control
N/A	=	not applicable
Trace	=	less than 0.01 foot of LPH in well
USTs	=	underground storage tanks
--	=	not analyzed, measured, or collected
TPH-G	=	total petroleum hydrocarbons with gasoline distinction
BTEX	=	benzene, toluene, ethylbenzene, and total xylenes
TPH-D	=	total petroleum hydrocarbons with diesel distinction
TRPH	=	total recoverable petroleum hydrocarbons
MTBE	=	methyl tertiary butyl ether
TAME	=	tertiary amyl methyl ether
ETBE	=	ethyl tertiary butyl ether
DIPE	=	di-isopropyl ether
TBA	=	tertiary butyl alcohol
1,1-DCA	=	1,1-Dichloroethane
1,2-DCA	=	1,2-Dichloroethane
1,1-DCE	=	1,1-Dichloroethene
1,2-DCE	=	cis- and trans-1,2-Dichloroethene
PCE	=	tetrachloroethene
TCA	=	trichloroethane
TCE	=	trichloroethene
PCB	=	polychlorinated biphenyls
TPPH	=	total purgeable petroleum hydrocarbons

NOTES

Elevations are in feet above mean sea level.

Groundwater elevation for wells with LPH is calculated as follows:

Surface elevation – depth to water + (0.75 x LPH thickness).

Concentration Graphs have been modified to plot non-detect results at the reporting limit stated in the official laboratory report. All non-detect results prior to the Second Quarter 2000 were plotted at 0.1 µg/l for graphical display.

J = estimated concentration, value is between the Method Detection Limit (MDL) and the Practical Quantitation Limit (PQL)

REFERENCE

TRC began groundwater monitoring and sampling activities in October 2003. Historical data for 76 Station 0746 was provided by Gettler-Ryan Inc., Dublin, California, in an excel table received in September 2003.

Table 1

SUMMARY OF GROUNDWATER LEVELS AND CHEMICAL ANALYSIS RESULTS

May 24, 2004

76 Station 0746

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														
05/24/04	80.54	7.54	0.00	73.00	0.40	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	26	
MW-2														
05/24/04	81.32	--	--	--	--	--	--	--	--	--	--	--	--	Could not open well
MW-3														
05/24/04	81.41	9.29	0.00	72.12	0.61	--	10000	14	ND<10	81	ND<20	--	1200	
MW-4														
05/24/04	81.48	8.49	0.00	72.99	0.96	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<0.50	
MW-5														
05/24/04	81.38	9.33	0.25	72.24	0.57	--	--	--	--	--	--	--	--	
MW-6														
05/24/04	79.94	7.54	0.00	72.40	0.26	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	2.8	
MW-7														
05/24/04	81.64	8.32	0.00	73.32	0.44	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	1.4	
MW-8														
05/24/04	81.41	10.04	0.00	71.37	0.16	--	450	ND<2.5	ND<2.5	ND<2.5	ND<5.0	--	750	
MW-9														
05/24/04	80.53	9.38	0.00	71.15	--	--	330	1.8	ND<0.50	ND<0.50	ND<1.0	--	160	
MW-10														
05/24/04	81.61	11.52	0.00	70.09	1.30	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	0.75	
MW-11														
05/24/04	78.18	10.10	0.00	68.08	1.13	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<0.50	
MW-12														
05/24/04	79.61	9.84	0.00	69.77	1.50	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	1.7	
RW-1														

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														
05/24/04	80.63	8.31	0.00	72.32	1.66	--	3100	20	ND<5.0	16	ND<10	--	200	

Table 2

HISTORIC GROUNDWATER LEVELS AND CHEMICAL ANALYSIS RESULTS

November 1989 Through May 2004

76 Station 0746

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														
2/15/1990	81.07	--	0.00	--	--	170	--	7.9	ND	2.2	2.8	--	--	
8/16/1990	81.07	--	0.00	--	--	ND	--	ND	ND	ND	ND	--	--	
11/7/1990	81.07	--	0.00	--	--	45	--	ND	ND	ND	ND	--	--	
2/25/1991	81.07	--	0.00	--	--	ND	--	ND	ND	ND	ND	--	--	
5/28/1991	81.07	--	0.00	--	--	ND	--	ND	ND	ND	ND	--	--	
8/28/1991	81.07	--	0.00	--	--	ND	--	ND	ND	ND	ND	--	--	
11/19/1991	81.07	--	0.00	--	--	ND	--	ND	ND	ND	ND	--	--	
2/6/1992	81.07	--	0.00	--	--	ND	--	ND	ND	ND	ND	--	--	
5/23/1992	81.07	--	0.00	--	--	ND	--	ND	ND	ND	ND	--	--	
8/26/1992	81.07	--	0.00	--	--	ND	--	ND	ND	ND	ND	--	--	
11/20/1992	81.07	--	0.00	--	--	ND	--	0.75	ND	ND	ND	--	--	
12/21/1992	81.07	8.12	0.00	72.95	--	--	--	--	--	--	--	--	--	
1/30/1993	81.07	7.63	0.00	73.44	--	--	--	--	--	--	--	--	--	
2/24/1993	81.07	7.16	0.00	73.91	--	1100	--	280	4.9	120	140	--	--	
3/22/1993	81.07	6.26	0.00	74.81	--	--	--	--	--	--	--	--	--	
4/28/1993	81.07	7.91	0.00	73.16	--	--	--	--	--	--	--	--	--	
5/25/1993	81.07	7.87	0.00	73.20	--	260	--	27	4.9	2.6	54	--	--	
6/23/1993	80.54	7.66	0.00	72.88	--	--	--	--	--	--	--	--	--	
7/22/1993	80.54	7.87	0.00	72.67	--	--	--	--	--	--	--	--	--	
8/25/1993	80.54	8.00	0.00	72.54	--	ND	--	ND	ND	ND	ND	--	--	
9/22/1993	80.54	8.10	0.00	72.44	--	--	--	--	--	--	--	--	--	
10/28/1993	80.54	8.15	0.00	72.39	--	--	--	--	--	--	--	--	--	
11/30/1993	80.54	7.65	0.00	72.89	--	--	--	--	--	--	--	--	--	
2/16/1994	80.54	7.46	0.00	73.08	--	ND	--	0.84	ND	ND	0.59	--	--	
5/31/1994	80.54	7.80	0.00	72.74	-0.34	--	--	--	--	--	--	--	--	

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														
8/31/1994	80.54	8.27	0.00	72.27	-0.47	ND	--	ND	0.98	ND	0.84	--	--	
9/27/1994	80.54	8.37	0.00	72.17	--	--	--	--	--	--	--	--	--	
10/11/1994	80.54	8.36	0.00	72.18	0.01	--	--	--	--	--	--	--	--	
11/10/1994	80.54	6.43	0.00	74.11	1.93	--	--	--	--	--	--	--	--	
2/7/1995	80.54	7.06	0.00	73.48	-0.63	6100	--	670	ND	120	60	--	--	
5/3/1995	80.54	6.85	0.00	73.69	--	260	--	21	39	17	24	--	--	
8/3/1995	80.54	7.69	0.00	72.85	-0.84	--	--	--	--	--	--	--	--	
11/7/1995	80.54	8.15	0.00	72.39	--	ND	--	ND	ND	ND	ND	--	--	
5/6/1996	80.54	7.40	0.00	73.14	0.75	170	--	1	20	2.3	17	--	55	
11/5/1996	80.54	7.90	0.00	72.64	-0.50	ND	--	ND	ND	ND	ND	--	5.2	
5/15/1997	80.54	7.77	0.00	72.77	0.13	ND	--	ND	ND	ND	ND	--	16	
11/12/1997	80.54	7.48	0.00	73.06	0.29	ND	--	ND	ND	ND	ND	--	11	
5/4/1998	80.54	7.39	0.00	73.15	0.09	ND	--	ND	ND	ND	ND	--	320	
11/11/1998	80.54	7.37	0.00	73.17	0.02	ND	--	ND	ND	ND	ND	--	200	
5/20/1999	80.54	7.41	0.00	73.13	--	ND	--	ND	ND	ND	ND	--	47	
11/15/1999	80.54	7.84	0.00	72.70	--	ND	--	ND	ND	ND	ND	--	7.19	
5/22/2000	80.54	7.53	0.00	73.01	--	ND	--	0.89	ND	ND	ND	--	290	
11/22/2000	80.54	7.35	0.00	73.19	0.18	ND	--	ND	ND	ND	ND	--	142	
5/15/2001	80.54	7.48	0.00	73.06	--	345	--	ND	3.41	2.77	25.2	--	374	
11/23/2001	80.54	7.57	0.00	72.97	--	ND<50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--	350	
5/24/2002	80.54	7.10	0.00	73.44	--	70	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--	240	
11/29/2002	80.54	7.96	0.00	72.58	--	ND<250	--	ND<2.5	ND<2.5	ND<2.5	ND<5.0	--	330	
5/15/2003	80.54	7.22	0.00	73.32	--	ND<250	--	ND<2.5	ND<2.5	ND<2.5	ND<5.0	--	210	
11/4/2003	80.54	7.94	0.00	72.60	--	--	120	ND<1.0	ND<1.0	ND<1.0	ND<2.0	--	140	
5/24/2004	80.54	7.54	0.00	73.00	0.40	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	26	
MW-2														
11/1/1989	81.62	--	0.00	--	--	200	--	ND	ND	3	1.2	--	--	
2/15/1990	81.62	--	0.00	--	--	ND	--	ND	ND	ND	ND	--	--	
8/16/1990	81.62	--	0.00	--	--	ND	--	ND	6.7	ND	ND	--	--	

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														
11/7/1990	81.62	--	0.00	--	--	ND	--	ND	ND	ND	ND	--	--	
2/25/1991	81.62	--	0.00	--	--	ND	--	0.68	0.42	ND	0.86	--	--	
5/28/1991	81.62	--	0.00	--	--	ND	--	ND	ND	ND	ND	--	--	
8/28/1991	81.62	--	0.00	--	--	ND	--	ND	ND	ND	ND	--	--	
11/19/1991	81.62	--	0.00	--	--	ND	--	ND	ND	ND	ND	--	--	
2/6/1992	81.62	--	0.00	--	--	ND	--	0.36	0.66	ND	0.62	--	--	
5/23/1992	81.62	--	0.00	--	--	ND	--	ND	ND	ND	ND	--	--	
8/26/1992	81.62	--	0.00	--	--	ND	--	ND	ND	ND	ND	--	--	
11/20/1992	81.62	--	0.00	--	--	510	--	ND	ND	ND	ND	--	--	
12/21/1992	81.62	9.14	0.00	72.48	--	--	--	--	--	--	--	--	--	
1/30/1993	81.62	8.99	0.00	72.63	--	--	--	--	--	--	--	--	--	
2/24/1993	81.62	8.03	0.00	73.59	--	11,000J	--	ND	ND	ND	ND	--	--	
3/22/1993	81.62	9.50	0.00	72.12	--	--	--	--	--	--	--	--	--	
4/28/1993	81.62	8.87	0.00	72.75	--	--	--	--	--	--	--	--	--	
5/25/1993	81.62	9.04	0.00	72.58	--	1,300J	--	ND	ND	ND	ND	--	2700	
6/23/1993	81.32	9.17	0.00	72.15	--	--	--	--	--	--	--	--	--	
7/22/1993	81.32	9.42	0.00	71.90	--	--	--	--	--	--	--	--	--	
8/25/1993	81.32	9.53	0.00	71.79	--	190J	--	ND	ND	ND	ND	--	--	
9/22/1993	81.32	9.67	0.00	71.65	--	--	--	--	--	--	--	--	--	
10/28/1993	81.32	9.65	0.00	71.67	--	--	--	--	--	--	--	--	--	
11/30/1993	81.32	9.18	0.00	72.14	--	480J	--	ND	ND	ND	ND	--	--	
2/16/1994	81.32	8.91	0.00	72.41	--	3,200J	--	ND	ND	ND	ND	--	--	
5/31/1994	81.32	9.36	0.00	71.96	-0.45	1,100J	--	ND	ND	ND	ND	--	--	
8/31/1994	81.32	9.85	0.00	71.47	-0.49	310J	--	ND	ND	ND	ND	--	--	
9/27/1994	81.32	9.95	0.00	71.37	--	--	--	--	--	--	--	--	--	
11/10/1994	81.32	7.47	0.00	73.85	--	95J	--	ND	ND	ND	ND	--	--	
2/7/1995	81.32	8.29	0.00	73.03	-0.82	1,600J	--	ND	ND	ND	ND	--	--	
5/3/1995	81.32	8.12	0.00	73.20	--	ND	--	ND	ND	ND	ND	--	--	
8/3/1995	81.32	9.35	0.00	71.97	-1.23	ND	--	ND	ND	ND	ND	--	--	

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														
8/19/1995	81.32	--	0.00	--	--	--	--	--	--	--	--	--	--	
10/11/1995	81.32	9.95	0.00	71.37	--	--	--	--	--	--	--	--	--	
11/7/1995	81.32	9.65	0.00	71.67	0.30	ND	--	ND	ND	ND	ND	--	160	
5/6/1996	81.32	8.90	0.00	72.42	0.75	--	--	--	--	--	--	--	--	
11/5/1996	81.32	10.98	0.00	70.34	-2.08	--	--	--	--	--	--	--	--	
5/15/1997	81.32	9.13	0.00	72.19	1.85	--	--	--	--	--	--	--	--	
11/12/1997	81.32	9.84	0.00	71.48	-0.71	--	--	--	--	--	--	--	--	
5/4/1998	81.32	9.26	0.00	72.06	0.58	--	--	--	--	--	--	--	--	
11/11/1998	81.32	8.88	0.00	72.44	0.38	--	--	--	--	--	--	--	--	
5/20/1999	81.32	8.68	0.00	72.64	--	--	--	--	--	--	--	--	--	
11/15/1999	81.32	8.91	0.00	72.41	--	--	--	--	--	--	--	--	--	
5/22/2000	81.32	8.61	0.00	72.71	--	--	--	--	--	--	--	--	--	
11/22/2000	81.32	8.64	0.00	72.68	-0.03	--	--	--	--	--	--	--	--	
5/15/2001	81.32	8.73	0.00	72.59	--	--	--	--	--	--	--	--	--	
11/23/2001	81.32	8.61	0.00	72.71	--	--	--	--	--	--	--	--	--	
5/24/2002	81.32	8.03	0.00	73.29	--	--	--	--	--	--	--	--	--	
11/29/2002	81.32	8.79	0.00	72.53	--	--	--	--	--	--	--	--	--	
5/15/2003	81.32	8.21	0.00	73.11	--	--	--	--	--	--	--	--	--	
11/4/2003	81.32	--	--	--	--	--	--	--	--	--	--	--	--	Inaccessible
5/24/2004	81.32	--	--	--	--	--	--	--	--	--	--	--	--	Inaccessible
MW-3														
11/1/1989	82.01	--	0.00	--	--	13000	--	57	48	1.7	120	--	--	
2/15/1990	82.01	--	0.00	--	--	20000	--	1700	2100	750	3100	--	--	
8/16/1990	82.01	--	0.00	--	--	6800	--	600	660	760	160	--	--	
11/7/1990	82.01	--	0.00	--	--	42000	--	1400	5000	1800	7500	--	--	
2/25/1991	82.01	--	0.00	--	--	37000	--	730	2900	1300	7300	--	--	
5/28/1991	82.01	--	0.00	--	--	24000	--	570	1100	810	4200	--	--	
8/28/1991	82.01	--	0.00	--	--	16000	--	650	2200	1100	5400	--	--	
11/19/1991	82.01	--	0.00	--	--	22000	--	250	440	660	3000	--	--	

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														
2/6/1992	82.01	--	0.00	--	--	24000	--	600	1800	1200	5800	--	--	
5/23/1992	82.01	--	0.00	--	--	25000	--	300	130	880	4900	--	--	
8/26/1992	82.01	--	0.00	--	--	20000	--	690	1900	1300	5700	--	--	
11/20/1992	82.01	--	0.00	--	--	1,100,000	--	1800	6400	3000	15000	--	--	
12/4/1992	82.01	10.30	0.00	71.71	--	--	--	--	--	--	--	--	--	
12/21/1992	82.01	9.78	0.00	72.23	0.52	--	--	--	--	--	--	--	--	
1/9/1993	82.01	8.55	0.00	73.46	1.23	--	--	--	--	--	--	--	--	
1/30/1993	82.01	8.90	0.00	73.11	-0.35	--	--	--	--	--	--	--	--	
2/10/1993	82.01	9.01	0.01	73.01	-0.10	--	--	--	--	--	--	--	--	
2/24/1993	82.01	8.26	0.01	73.76	0.75	--	--	--	--	--	--	--	--	
3/9/1993	82.01	9.18	0.02	72.85	-0.91	--	--	--	--	--	--	--	--	
3/22/1993	82.01	8.81	0.02	73.22	0.37	--	--	--	--	--	--	--	--	
4/8/1993	82.01	9.14	0.02	72.89	-0.33	--	--	--	--	--	--	--	--	
4/28/1993	82.01	9.44	0.03	72.59	-0.29	--	--	--	--	--	--	--	--	
5/12/1993	82.01	9.57	0.03	72.46	-0.13	--	--	--	--	--	--	--	--	
5/25/1993	82.01	9.45	0.03	72.58	0.12	--	--	--	--	--	--	--	--	
6/7/1993	81.41	8.94	0.00	72.47	-0.11	--	--	--	--	--	--	--	--	
6/23/1993	81.41	9.20	0.02	72.23	-0.24	--	--	--	--	--	--	--	--	
7/8/1993	81.41	9.31	0.03	72.12	-0.10	--	--	--	--	--	--	--	--	
7/22/1993	81.41	9.47	0.00	71.94	-0.18	--	--	--	--	--	--	--	--	
8/11/1993	81.41	9.59	0.00	71.82	-0.12	--	--	--	--	--	--	--	--	
8/25/1993	81.41	9.67	0.03	71.76	-0.06	--	--	--	--	--	--	--	--	
9/8/1993	81.41	10.34	0.00	71.07	-0.69	--	--	--	--	--	--	--	--	
9/22/1993	81.41	9.84	0.02	71.59	0.51	--	--	--	--	--	--	--	--	
10/7/1993	81.41	9.87	0.00	71.54	-0.05	--	--	--	--	--	--	--	--	
10/28/1993	81.41	10.03	0.00	71.38	-0.16	--	--	--	--	--	--	--	--	
11/12/1993	81.41	9.76	0.00	71.65	0.27	--	--	--	--	--	--	--	--	
11/30/1993	81.41	9.66	0.02	71.76	0.11	--	--	--	--	--	--	--	--	
2/16/1994	81.41	8.87	0.00	72.54	--	57000	--	910	2500	2100	9000	--	--	

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														
5/31/1994	81.41	9.48	0.00	71.93	-0.61	39000	--	670	630	1500	6200	--	--	
8/31/1994	81.41	10.08	0.00	71.33	-0.60	44000	--	500	240	1400	5700	--	--	
9/24/1994	81.41	10.22	0.00	71.19	-0.14	--	--	--	--	--	--	--	--	
10/11/1994	81.41	10.41	0.01	71.01	--	--	--	--	--	--	--	--	--	
11/10/1994	81.41	7.47	0.00	73.94	2.93	86000	--	3300	3800	1800	8300	--	--	
2/7/1995	81.41	8.05	0.00	73.36	-0.58	45000	--	1400	1300	1500	5600	--	--	
3/14/1995	81.41	7.05	0.00	74.36	1.00	--	--	--	--	--	--	--	--	
5/3/1995	81.41	7.91	0.00	73.50	-0.86	26000	--	740	990	1100	4400	--	--	
8/3/1995	81.41	9.28	0.00	72.13	-1.37	18000	--	59	ND	530	1900	--	--	
8/19/1995	81.41	--	0.00	--	--	--	--	--	--	--	--	--	--	
11/7/1995	81.41	10.79	0.00	70.62	--	17000	--	110	26	400	1500	--	880	
5/6/1996	81.41	9.44	0.00	71.97	1.35	5100	--	48	ND	87	210	--	370	
11/5/1996	81.41	10.64	0.00	70.77	-1.20	35000	--	2200	ND	1200	2800	--	460	
5/15/1997	81.41	9.61	0.00	71.80	1.03	2400	--	110	ND	ND	140	--	100	
11/12/1997	81.41	9.18	0.00	72.23	0.43	29000	--	2000	ND	1800	3000	--	ND	
5/4/1998	81.41	9.50	0.00	71.91	-0.32	8200	--	430	ND	310	320	--	ND	
11/11/1998	81.41	9.25	0.00	72.16	0.25	8700	--	500	ND	330	310	--	ND	
5/20/1999	81.41	8.95	0.00	72.46	--	4300	--	250	ND	ND	86	--	ND	
11/15/1999	81.41	10.35	0.00	71.06	--	6,720	--	326	ND	398	226	--	45.1	
5/22/2000	81.41	9.14	0.00	72.27	--	4,000	--	99	4.5	190	75	--	94	
11/22/2000	81.41	9.33	0.00	72.08	-0.19	6,130	--	93.7	6.71	174	47.8	--	131	
5/15/2001	81.41	9.25	0.00	72.16	--	4,490	--	229	7.09	160	31.6	--	75.5	
11/23/2001	81.41	9.12	0.00	72.29	--	3,500	--	41	ND<5.0	120	8	--	390	
5/24/2002	81.41	8.58	0.00	72.83	--	4,000	--	86	6.0	120	5.8	--	73	
11/29/2002	81.41	9.81	0.00	71.60	--	5,300	--	ND<25	ND<25	65	ND<50	--	340	
5/15/2003	81.41	8.76	0.00	72.65	--	5,600	--	ND<5.0	ND<5.0	81	ND<10	--	440	
11/4/2003	81.41	9.90	0.00	71.51	--	--	13000	ND<20	ND<20	72	56	--	530	
5/24/2004	81.41	9.29	0.00	72.12	0.61	--	10000	14	ND<10	81	ND<20	--	1200	
MW-4														

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														
2/15/1990	81.48	--	0.00	--	--	150	--	8	8	10	45	--	--	
8/16/1990	81.48	--	0.00	--	--	3600	--	480	17	230	260	--	--	
11/7/1990	81.48	--	0.00	--	--	180	--	1.5	0.37	6.3	26	--	--	
2/25/1991	81.48	--	0.00	--	--	22000	--	600	1300	780	2800	--	--	
5/28/1991	81.48	--	0.00	--	--	38	--	ND	ND	ND	1.9	--	--	
8/28/1991	81.48	--	0.00	--	--	2000	--	1500	20	120	300	--	--	
11/19/1991	81.48	--	0.00	--	--	55	--	9.2	4.5	1.4	6.7	--	--	
2/6/1992	81.48	--	0.00	--	--	5700	--	2200	140	57	980	--	--	
5/23/1992	81.48	--	0.00	--	--	ND	--	ND	ND	ND	ND	--	--	
8/26/1992	81.48	--	0.00	--	--	120	--	86	0.52	0.57	1.6	--	--	
11/20/1992	81.48	--	0.00	--	--	ND	--	6.2	ND	1.2	0.52	--	--	
1/30/1993	81.48	8.35	0.00	73.13	--	--	--	--	--	--	--	--	--	
2/24/1993	81.48	8.17	0.00	73.31	--	140	--	12	0.64	9.4	3.7	--	--	
3/22/1993	81.48	8.12	0.00	73.36	--	--	--	--	--	--	--	--	--	
4/28/1993	81.48	9.36	0.00	72.12	--	--	--	--	--	--	--	--	--	
5/25/1993	81.48	8.75	0.00	72.73	--	74	--	10	ND	4.6	1.8	--	--	
6/23/1993	81.29	8.90	0.00	72.39	--	--	--	--	--	--	--	--	--	
7/22/1993	81.29	9.26	0.00	72.03	--	--	--	--	--	--	--	--	--	
8/25/1993	81.29	9.45	0.00	71.84	--	640	--	100	1.1	100	22	--	--	
9/22/1993	81.29	9.63	0.00	71.66	--	--	--	--	--	--	--	--	--	
10/28/1993	81.29	9.62	0.00	71.67	--	--	--	--	--	--	--	--	--	
11/30/1993	81.29	9.40	0.00	71.89	--	200	--	28	ND	17	8.1	--	--	
12/21/1993	81.48	9.10	0.00	72.38	0.49	--	--	--	--	--	--	--	--	
2/16/1994	81.29	9.21	0.00	72.08	-0.30	190	--	11	0.98	21	6.6	--	--	
5/31/1994	81.29	9.11	0.00	72.18	0.10	1100	--	190	ND	100	58	--	--	
8/31/1994	81.29	10.01	0.00	71.28	-0.90	400	--	17	0.94	14	5.2	--	--	
9/27/1994	81.29	10.09	0.00	71.20	--	--	--	--	--	--	--	--	--	
10/11/1994	81.29	11.50	0.00	69.79	-1.41	--	--	--	--	--	--	--	--	
11/10/1994	81.29	9.21	0.00	72.08	2.29	7700	--	1800	280	460	1300	--	--	

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														
2/7/1995	81.29	7.66	0.00	73.63	1.55	540	--	47	ND	17	2.5	--	--	
5/3/1995	81.29	8.29	0.00	73.00	--	160	--	8.3	0.52	1.5	3.7	--	--	
8/3/1995	81.29	8.60	0.00	72.69	-0.31	57	--	2	ND	ND	ND	--	--	
8/19/1995	81.29	--	0.00	--	--	--	--	--	--	--	--	--	--	
11/7/1995	81.29	10.28	0.00	71.01	--	ND	--	0.71	ND	ND	ND	--	0.86	
5/6/1996	81.29	8.70	0.00	72.59	1.58	1200	--	12	11	15	36	--	ND	
11/5/1996	81.29	10.00	0.00	71.29	-1.30	700	--	32	0.71	1.8	1.3	--	6.5	
5/15/1997	81.29	9.37	0.00	71.92	0.63	51	--	ND	ND	ND	ND	--	ND	
11/12/1997	81.29	8.92	0.00	72.37	0.45	74	--	1.7	ND	ND	ND	--	ND	
5/4/1998	81.29	9.48	0.00	71.81	-0.56	ND	--	ND	ND	ND	ND	--	ND	
11/11/1998	81.29	9.13	0.00	72.16	0.35	ND	--	0.63	ND	ND	ND	--	ND	
5/20/1999	81.29	8.41	0.00	72.88	--	ND	--	ND	ND	ND	ND	--	ND	
11/15/1999	81.29	9.68	0.00	71.61	--	ND	--	ND	ND	ND	ND	--	ND	
5/22/2000	81.29	8.60	0.00	72.69	--	ND	--	ND	ND	ND	ND	--	ND	
11/22/2000	81.29	8.91	0.00	72.38	-0.31	ND	--	ND	ND	ND	ND	--	ND	
5/15/2001	81.29	8.66	0.00	72.63	--	ND	--	ND	1.1	ND	1.16	--	ND	
11/23/2001	81.29	8.84	0.00	72.45	--	ND<50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--	ND<5.0	
5/24/2002	81.29	7.93	0.00	73.36	--	ND<50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--	3.5	
11/29/2002	81.29	9.34	0.00	71.95	--	ND<50	--	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	2.6	
5/15/2003	81.29	7.87	0.00	73.42	--	ND<50	--	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<2.0	
11/4/2003	81.48	9.45	0.00	72.03	--	--	61	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<2.0	
5/24/2004	81.48	8.49	0.00	72.99	0.96	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<0.50	
MW-5														
2/15/1990	81.59	--	0.00	--	--	24000	--	1500	1700	260	3600	--	--	
8/16/1990	81.59	--	0.00	--	--	16000	--	1400	1900	2800	660	--	--	
11/7/1990	81.59	--	0.00	--	--	20000	--	640	1100	670	3000	--	--	
2/25/1991	81.59	--	0.00	--	--	25000	--	950	1300	900	3500	--	--	
5/28/1991	81.59	--	0.00	--	--	24000	--	2300	3400	1300	6000	--	--	
8/28/1991	81.59	--	0.00	--	--	--	--	--	--	--	--	--	--	

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														
11/19/1991	81.59	--	0.00	--	--	--	--	--	--	--	--	--	--	
2/6/1992	81.59	--	0.00	--	--	--	--	--	--	--	--	--	--	
5/23/1992	81.59	--	0.00	--	--	--	--	--	--	--	--	--	--	
8/26/1992	81.59	--	0.00	--	--	--	--	--	--	--	--	--	--	
11/20/1992	81.59	--	0.00	--	--	--	--	--	--	--	--	--	--	
12/4/1992	81.59	10.03	0.08	71.62	--	--	--	--	--	--	--	--	--	
12/21/1992	81.59	9.50	0.01	72.10	0.48	--	--	--	--	--	--	--	--	
1/9/1993	81.59	8.22	0.00	73.37	1.27	--	--	--	--	--	--	--	--	
1/30/1993	81.59	8.58	0.00	73.01	-0.36	--	--	--	--	--	--	--	--	
2/10/1993	81.59	8.68	0.00	72.91	-0.10	--	--	--	--	--	--	--	--	
2/24/1993	81.59	7.91	0.01	73.69	0.78	--	--	--	--	--	--	--	--	
3/9/1993	81.59	8.87	0.01	72.73	-0.96	--	--	--	--	--	--	--	--	
3/22/1993	81.59	8.46	0.01	73.14	0.41	--	--	--	--	--	--	--	--	
4/8/1993	81.59	8.84	0.01	72.76	-0.38	--	--	--	--	--	--	--	--	
4/28/1993	81.59	9.14	0.02	72.46	-0.29	--	--	--	--	--	--	--	--	
5/12/1993	81.59	9.28	0.02	72.32	-0.14	--	--	--	--	--	--	--	--	
5/25/1993	81.59	9.63	0.13	72.06	-0.27	--	--	--	--	--	--	--	--	
6/7/1993	81.38	9.75	0.01	71.64	-0.42	--	--	--	--	--	--	--	--	
6/23/1993	81.38	9.32	0.03	72.08	0.44	--	--	--	--	--	--	--	--	
7/8/1993	81.38	9.48	0.04	71.93	-0.15	--	--	--	--	--	--	--	--	
7/22/1993	81.38	9.73	0.16	71.77	-0.16	--	--	--	--	--	--	--	--	
8/11/1993	81.38	9.84	0.04	71.57	-0.20	--	--	--	--	--	--	--	--	
8/25/1993	81.38	9.81	0.02	71.58	0.02	--	--	--	--	--	--	--	--	
9/8/1993	81.38	10.09	0.03	71.31	-0.27	--	--	--	--	--	--	--	--	
9/22/1993	81.38	10.01	0.05	71.41	0.10	--	--	--	--	--	--	--	--	
10/7/1993	81.38	9.94	0.03	71.46	0.06	--	--	--	--	--	--	--	--	
10/28/1993	81.38	10.04	0.02	71.35	-0.11	--	--	--	--	--	--	--	--	
11/12/1993	81.38	9.79	0.00	71.59	0.24	--	--	--	--	--	--	--	--	
11/30/1993	81.38	9.62	0.00	71.76	0.17	--	--	--	--	--	--	--	--	

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														
2/16/1994	81.38	8.95	0.02	72.44	--	--	--	--	--	--	--	--	--	
5/31/1994	81.38	9.63	0.00	71.75	-0.69	43000	--	1500	1200	1600	6700	--	--	
8/31/1994	81.38	10.25	0.02	71.14	-0.61	--	--	--	--	--	--	--	--	
9/27/1994	81.38	10.38	0.00	71.00	--	--	--	--	--	--	--	--	--	
10/11/1994	81.38	10.45	0.02	70.94	-0.06	--	--	--	--	--	--	--	--	
11/10/1994	81.38	7.54	0.08	73.90	2.95	--	--	--	--	--	--	--	--	
2/7/1995	81.38	8.10	0.00	73.28	-0.62	25000	--	1400	740	990	3000	--	--	
3/14/1995	81.38	7.04	0.00	74.34	1.06	--	--	--	--	--	--	--	--	
5/3/1995	81.38	7.98	0.00	73.40	-0.94	12000	--	680	160	600	1800	--	--	
8/3/1995	81.38	9.25	0.00	72.13	-1.27	23000	--	940	280	810	2700	--	--	
8/19/1995	81.38	--	0.00	--	--	--	--	--	--	--	--	--	--	
11/7/1995	81.38	10.00	0.00	71.38	--	40000	--	510	280	1000	5700	--	630	
5/6/1996	81.38	9.03	0.00	72.35	0.97	13000	--	200	ND	180	610	--	170	
11/5/1996	81.38	10.41	0.00	70.97	-1.38	35000	--	1800	ND	1300	4900	--	580	
5/15/1997	81.38	9.41	0.00	71.97	1.00	10000	--	490	ND	ND	1300	--	ND	
11/12/1997	81.38	9.27	0.00	72.11	0.14	100	--	5.1	ND	ND	ND	--	74	
5/4/1998	81.38	9.18	0.00	72.20	0.09	39000	--	1600	230	1000	3200	--	ND	
11/11/1998	81.38	9.23	0.37	72.43	0.23	--	--	--	--	--	--	--	--	
2/22/1999	81.38	7.69	0.25	73.88	1.45	--	--	--	--	--	--	--	--	
4/2/1999	81.38	8.19	0.28	73.40	-0.48	--	--	--	--	--	--	--	--	
5/4/1999	81.38	8.44	0.01	72.95	-0.45	--	--	--	--	--	--	--	--	
5/20/1999	81.38	8.73	0.04	72.68	-0.27	--	--	--	--	--	--	--	--	
6/29/1999	81.38	8.91	0.05	72.51	-0.17	--	--	--	--	--	--	--	--	
7/29/1999	81.38	9.12	0.07	72.31	-0.20	--	--	--	--	--	--	--	--	
8/24/1999	81.38	9.37	0.09	72.08	-0.24	--	--	--	--	--	--	--	--	
9/27/1999	81.38	9.51	0.06	71.91	-0.16	--	--	--	--	--	--	--	--	
10/28/1999	81.38	--	0.05	--	--	--	--	--	--	--	--	--	--	
11/15/1999	81.38	9.29	0.00	72.09	--	--	--	--	--	--	--	--	--	
12/20/1999	81.38	9.14	0.00	72.24	0.15	--	--	--	--	--	--	--	--	

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														
1/20/2000	81.38	9.08	0.00	72.30	0.06	--	--	--	--	--	--	--	--	
2/26/2000	81.38	8.69	0.00	72.69	0.39	--	--	--	--	--	--	--	--	
3/31/2000	81.38	8.48	0.00	72.90	0.21	--	--	--	--	--	--	--	--	
4/13/2000	81.38	8.66	0.00	72.72	-0.18	--	--	--	--	--	--	--	--	
5/22/2000	81.38	9.06	0.00	72.32	-0.40	240000	--	33000	5000	18000	59000	--	21	
11/22/2000	81.38	9.24	0.67	72.64	0.32	--	--	--	--	--	--	--	--	
2/14/2001	81.38	7.63	0.33	74.00	1.35	--	--	--	--	--	--	--	--	
3/28/2001	81.38	8.82	0.00	72.56	-1.44	--	--	--	--	--	--	--	--	
4/28/2001	81.38	8.66	0.00	72.72	0.16	--	--	--	--	--	--	--	--	
5/15/2001	81.38	8.97	0.00	72.41	-0.31	--	--	--	--	--	--	--	--	
6/29/2001	81.38	8.73	0.00	72.65	0.24	--	--	--	--	--	--	--	--	
7/17/2001	81.38	8.92	0.02	72.47	-0.17	--	--	--	--	--	--	--	--	
8/30/2001	81.38	8.85	0.00	72.53	0.06	--	--	--	--	--	--	--	--	
9/24/2001	81.38	8.89	0.00	72.49	-0.04	--	--	--	--	--	--	--	--	
10/15/2001	81.38	9.11	0.03	72.29	-0.20	--	--	--	--	--	--	--	--	
11/23/2001	81.38	8.77	0.00	72.61	0.32	29000	--	3900	450	1400	3500	--	ND<500	
12/10/2001	81.38	8.75	0.00	72.63	0.02	--	--	--	--	--	--	--	--	
1/14/2002	81.38	8.26	0.00	73.12	0.49	--	--	--	--	--	--	--	--	
2/22/2002	81.38	6.30	0.00	75.08	1.96	--	--	--	--	--	--	--	--	
3/11/2002	81.38	6.47	0.00	74.91	-0.17	--	--	--	--	--	--	--	--	
4/15/2002	81.38	6.56	0.00	74.82	-0.09	--	--	--	--	--	--	--	--	
5/24/2002	81.38	8.32	0.15	73.17	-1.65	--	--	--	--	--	--	--	--	
6/17/2002	81.38	8.41	0.20	73.12	-0.05	--	--	--	--	--	--	--	--	
7/15/2002	81.38	8.63	0.20	72.90	-0.22	--	--	--	--	--	--	--	--	
8/19/2002	81.38	8.76	0.31	72.85	-0.05	--	--	--	--	--	--	--	--	
9/5/2002	81.38	8.73	0.16	72.77	-0.08	--	--	--	--	--	--	--	--	
10/7/2002	81.38	8.79	0.09	72.66	-0.11	--	--	--	--	--	--	--	--	
11/29/2002	81.38	9.18	0.05	72.24	-0.42	--	--	--	--	--	--	--	--	
12/12/2002	81.38	9.12	0.04	72.29	0.05	--	--	--	--	--	--	--	--	

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														
1/6/2003	81.38	9.05	0.03	72.35	0.06	--	--	--	--	--	--	--	--	
2/12/2003	81.38	8.87	0.04	72.54	0.19	--	--	--	--	--	--	--	--	
3/13/2003	81.38	8.25	0.03	73.15	0.61	--	--	--	--	--	--	--	--	
4/7/2003	81.38	8.31	0.02	73.08	-0.07	--	--	--	--	--	--	--	--	
5/15/2003	81.38	8.58	0.03	72.82	-0.26	--	--	--	--	--	--	--	--	
6/12/2003	81.38	8.63	0.02	72.76	-0.06	--	--	--	--	--	--	--	--	
7/7/2003	81.38	8.59	0.02	72.80	0.04	--	--	--	--	--	--	--	--	
11/4/2003	81.38	9.90	0.25	71.67	-1.14	--	--	--	--	--	--	--	--	
5/24/2004	81.38	9.33	0.00	72.05	0.38	--	--	--	--	--	--	--	--	
MW-6														
11/7/1990	80.47	--	--	--	--	ND	--	ND	ND	ND	ND	--	--	
2/25/1991	80.47	--	--	--	--	ND	--	0.37	0.4	0.35	1.5	--	--	
5/28/1991	80.47	--	--	--	--	ND	--	ND	ND	ND	0.42	--	--	
8/28/1991	80.47	--	--	--	--	ND	--	ND	ND	ND	ND	--	--	
11/19/1991	80.47	--	--	--	--	ND	--	ND	ND	ND	ND	--	--	
2/6/1992	80.47	--	--	--	--	ND	--	ND	ND	ND	ND	--	--	
5/23/1992	80.47	--	--	--	--	ND	--	ND	ND	ND	ND	--	--	
8/26/1992	80.47	--	--	--	--	ND	--	ND	ND	ND	ND	--	--	
11/20/1992	80.47	--	--	--	--	ND	--	ND	ND	ND	ND	--	--	
12/21/1992	80.47	7.71	0.00	72.76	--	--	--	--	--	--	--	--	--	
1/30/1993	80.47	7.25	0.00	73.22	--	--	--	--	--	--	--	--	--	
2/24/1993	80.47	6.74	0.00	73.73	--	ND	--	ND	ND	ND	ND	--	--	
3/22/1993	80.47	5.85	0.00	74.62	--	--	--	--	--	--	--	--	--	
4/28/1993	80.47	7.58	0.00	72.89	--	--	--	--	--	--	--	--	--	
5/25/1993	80.47	7.48	0.00	72.99	--	ND	--	ND	ND	ND	ND	--	--	
6/23/1993	79.94	7.34	0.00	72.60	--	--	--	--	--	--	--	--	--	
7/22/1993	79.94	7.53	0.00	72.41	--	--	--	--	--	--	--	--	--	
8/25/1993	79.94	7.66	0.00	72.28	--	ND	--	ND	ND	ND	ND	--	--	
9/22/1993	79.94	7.76	0.00	72.18	--	--	--	--	--	--	--	--	--	

Date Sampled	TOC Elevation (feet)	Depth to Water (feet)	LPH Thickness (feet)	Ground-water Elevation (feet)	Change in Elevation (feet)	TPH-G (µg/l)	TPPH 8260B (µg/l)	Benzene (µg/l)	Toluene (µg/l)	Ethyl-benzene (µg/l)	Total Xylenes (µg/l)	MTBE 8021B (µg/l)	MTBE 8260B (µg/l)	Comments
MW-6 continued														
10/28/1993	79.94	8.30	0.00	71.64	--	--	--	--	--	--	--	--	--	
11/30/1993	79.94	7.40	0.00	72.54	--	--	--	--	--	--	--	--	--	
2/16/1994	79.94	7.13	0.00	72.81	--	ND	--	ND	ND	ND	ND	--	--	
5/31/1994	79.94	7.49	0.00	72.45	-0.36	--	--	--	--	--	--	--	--	
8/31/1994	79.94	7.93	0.00	72.01	-0.44	ND	--	ND	1.5	ND	1.6	--	--	
9/27/1994	79.94	8.03	0.00	71.91	--	--	--	--	--	--	--	--	--	
10/11/1994	79.94	8.05	0.00	71.89	-0.02	--	--	--	--	--	--	--	--	
11/10/1994	79.94	6.12	0.00	73.82	1.93	--	--	--	--	--	--	--	--	
2/7/1995	79.94	6.65	0.00	73.29	-0.53	ND	--	ND	ND	ND	ND	--	--	
5/3/1995	79.94	6.47	0.00	73.47	--	ND	--	ND	ND	ND	1	--	--	
8/3/1995	79.94	7.28	0.00	72.66	-0.81	--	--	--	--	--	--	--	--	
11/7/1995	79.94	7.98	0.00	71.96	--	ND	--	ND	ND	ND	ND	--	--	
5/6/1996	79.94	7.80	0.00	72.14	0.18	--	--	--	--	--	--	--	--	
11/5/1996	79.94	7.63	0.00	72.31	0.17	--	--	--	--	--	--	--	--	
5/15/1997	79.94	7.41	0.00	72.53	0.22	--	--	--	--	--	--	--	--	
11/12/1997	79.94	7.51	0.00	72.43	-0.10	--	--	--	--	--	--	--	--	
5/4/1998	79.94	7.15	0.00	72.79	0.36	--	--	--	--	--	--	--	--	
11/11/1998	79.94	7.04	0.00	72.90	0.11	--	--	--	--	--	--	--	--	
5/20/1999	79.94	7.00	0.00	72.94	--	--	--	--	--	--	--	--	--	
11/15/1999	79.94	7.42	0.00	72.52	--	--	--	--	--	--	--	--	--	
5/22/2000	79.94	7.24	0.00	72.70	--	--	--	--	--	--	--	--	--	
11/22/2000	79.94	7.40	0.00	72.54	-0.16	--	--	--	--	--	--	--	--	
5/15/2001	79.94	7.12	0.00	72.82	--	--	--	--	--	--	--	--	--	
11/23/2001	79.94	7.19	0.00	72.75	--	--	--	--	--	--	--	--	--	
5/24/2002	79.94	6.54	0.00	73.40	--	--	--	--	--	--	--	--	--	
11/29/2002	79.94	7.26	0.00	72.68	--	--	--	--	--	--	--	--	--	
5/15/2003	79.94	6.26	0.00	73.68	--	--	--	--	--	--	--	--	--	
11/4/2003	79.94	7.80	0.00	72.14	--	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	2.4	
5/24/2004	79.94	7.54	0.00	72.40	0.26	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	2.8	

Date Sampled	TOC Elevation (feet)	Depth to Water (feet)	LPH Thickness (feet)	Ground-water Elevation (feet)	Change in Elevation (feet)	TPH-G (µg/l)	TPPH 8260B (µg/l)	Benzene (µg/l)	Toluene (µg/l)	Ethyl-benzene (µg/l)	Total Xylenes (µg/l)	MTBE 8021B (µg/l)	MTBE 8260B (µg/l)	Comments
MW-7														
11/7/1990	81.83	--	--	--	--	ND	--	ND	ND	ND	ND	--	--	
2/25/1991	81.83	--	--	--	--	70	--	ND	ND	ND	0.52	--	--	
5/28/1991	81.83	--	--	--	--	39	--	ND	ND	ND	0.73	--	--	
8/28/1991	81.83	--	--	--	--	ND	--	ND	ND	ND	ND	--	--	
11/19/1991	81.83	--	--	--	--	32	--	ND	ND	ND	ND	--	--	
2/6/1992	81.83	--	--	--	--	ND	--	ND	ND	ND	ND	--	--	
5/23/1992	81.83	--	--	--	--	ND	--	ND	ND	ND	ND	--	--	
8/26/1992	81.83	--	--	--	--	ND	--	ND	ND	0.73	ND	--	--	
11/20/1992	81.83	--	--	--	--	ND	--	ND	ND	ND	ND	--	--	
12/21/1992	81.83	8.42	0.00	73.41	--	--	--	--	--	--	--	--	--	
1/30/1993	81.83	8.21	0.00	73.62	--	--	--	--	--	--	--	--	--	
2/24/1993	81.83	7.85	0.00	73.98	--	ND	--	ND	ND	ND	ND	--	--	
3/22/1993	81.83	6.97	0.00	74.86	--	--	--	--	--	--	--	--	--	
4/28/1993	81.83	8.39	0.00	73.44	--	--	--	--	--	--	--	--	--	
5/25/1993	81.83	8.43	0.00	73.40	--	ND	--	ND	ND	ND	ND	--	--	
6/23/1993	81.64	8.47	0.00	73.17	--	--	--	--	--	--	--	--	--	
7/22/1993	81.64	8.83	0.00	72.81	--	--	--	--	--	--	--	--	--	
8/25/1993	81.64	8.81	0.00	72.83	--	ND	--	ND	ND	ND	ND	--	--	
9/22/1993	81.64	8.96	0.00	72.68	--	--	--	--	--	--	--	--	--	
10/28/1993	81.64	8.98	0.00	72.66	--	--	--	--	--	--	--	--	--	
11/30/1993	81.64	8.65	0.00	72.99	--	--	--	--	--	--	--	--	--	
2/16/1994	81.64	8.36	0.00	73.28	--	ND	--	ND	ND	ND	0.7	--	--	
5/31/1994	81.64	8.67	0.00	72.97	-0.31	--	--	--	--	--	--	--	--	
8/31/1994	81.64	9.12	0.00	72.52	-0.45	ND	--	ND	0.8	ND	0.75	--	--	
9/27/1994	81.64	9.22	0.00	72.42	--	--	--	--	--	--	--	--	--	
10/11/1994	81.64	9.23	0.00	72.41	-0.01	--	--	--	--	--	--	--	--	
11/10/1994	81.64	7.66	0.00	73.98	1.57	--	--	--	--	--	--	--	--	
2/7/1995	81.64	7.88	0.00	73.76	-0.22	ND	--	ND	ND	ND	ND	--	--	
5/3/1995	81.64	7.71	0.00	73.93	--	ND	--	ND	ND	ND	1	--	--	

Date Sampled	TOC Elevation (feet)	Depth to Water (feet)	LPH Thickness (feet)	Ground-water Elevation (feet)	Change in Elevation (feet)	TPH-G (µg/l)	TPPH 8260B (µg/l)	Benzene (µg/l)	Toluene (µg/l)	Ethyl-benzene (µg/l)	Total Xylenes (µg/l)	MTBE 8021B (µg/l)	MTBE 8260B (µg/l)	Comments
MW-7 continued														
8/3/1995	81.64	8.40	0.00	73.24	-0.69	--	--	--	--	--	--	--	--	
11/7/1995	81.64	8.95	0.00	72.69	--	ND	--	ND	ND	ND	ND	--	--	
5/6/1996	81.64	8.15	0.00	73.49	0.80	--	--	--	--	--	--	--	--	
11/5/1996	81.64	8.67	0.00	72.97	-0.52	--	--	--	--	--	--	--	--	
5/15/1997	81.64	8.47	0.00	73.17	0.20	--	--	--	--	--	--	--	--	
11/12/1997	81.64	7.88	0.00	73.76	0.59	--	--	--	--	--	--	--	--	
5/4/1998	81.64	7.93	0.00	73.71	-0.05	--	--	--	--	--	--	--	--	
11/11/1998	81.64	8.20	0.00	73.44	-0.27	--	--	--	--	--	--	--	--	
5/20/1999	81.64	8.04	0.00	73.60	--	--	--	--	--	--	--	--	--	
11/15/1999	81.64	8.17	0.00	73.47	--	--	--	--	--	--	--	--	--	
5/22/2000	81.64	8.10	0.00	73.54	--	--	--	--	--	--	--	--	--	
11/22/2000	81.64	8.30	0.00	73.34	-0.20	--	--	--	--	--	--	--	--	
5/15/2001	81.64	8.09	0.00	73.55	--	--	--	--	--	--	--	--	--	
11/23/2001	81.64	8.14	0.00	73.50	--	--	--	--	--	--	--	--	--	
5/24/2002	81.64	7.56	0.00	74.08	--	--	--	--	--	--	--	--	--	
11/29/2002	81.64	8.23	0.00	73.41	--	--	--	--	--	--	--	--	--	
5/15/2003	81.64	7.25	0.00	74.39	--	--	--	--	--	--	--	--	--	
11/4/2003	81.64	8.76	0.00	72.88	--	--	70	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<2.0	
5/24/2004	81.64	8.32	0.00	73.32	0.44	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	1.4	
MW-8														
11/7/1990	81.71	--	--	--	--	4700	--	28	38	86	7200	--	--	
2/25/1991	81.71	--	--	--	--	5300	--	17	6.1	53	300	--	--	
5/28/1991	81.71	--	--	--	--	4800	--	4.2	1.3	5.1	170	--	--	
8/28/1991	81.71	--	--	--	--	1800	--	3.2	1.9	19	74	--	--	
11/19/1991	81.71	--	--	--	--	1600	--	8.1	1.8	19	52	--	--	
2/6/1992	81.71	--	--	--	--	2600	--	4.1	7	31	93	--	--	
5/23/1992	81.71	--	--	--	--	2100	--	8.6	1.6	1.7	28	--	--	
8/26/1992	81.71	--	--	--	--	1800	--	12	8	4	13	--	--	
11/20/1992	81.71	--	--	--	--	--	--	--	--	--	--	--	--	

Date Sampled	TOC Elevation (feet)	Depth to Water (feet)	LPH Thickness (feet)	Ground-water Elevation (feet)	Change in Elevation (feet)	TPH-G (µg/l)	TPPH 8260B (µg/l)	Benzene (µg/l)	Toluene (µg/l)	Ethyl-benzene (µg/l)	Total Xylenes (µg/l)	MTBE 8021B (µg/l)	MTBE 8260B (µg/l)	Comments
MW-8 continued														
12/21/1992	81.71	--	--	--	--	--	--	--	--	--	--	--	--	
1/9/1993	81.71	--	--	--	--	--	--	--	--	--	--	--	--	
1/30/1993	81.71	--	--	--	--	--	--	--	--	--	--	--	--	
2/10/1993	81.71	--	--	--	--	--	--	--	--	--	--	--	--	
2/24/1993	81.71	--	--	--	--	--	--	--	--	--	--	--	--	
3/9/1993	81.71	--	--	--	--	--	--	--	--	--	--	--	--	
3/22/1993	81.71	--	--	--	--	--	--	--	--	--	--	--	--	
4/8/1993	81.71	--	--	--	--	--	--	--	--	--	--	--	--	
4/28/1993	81.71	--	--	--	--	--	--	--	--	--	--	--	--	
5/12/1993	81.71	--	--	--	--	--	--	--	--	--	--	--	--	
5/25/1993	81.71	10.12	0.00	71.59	--	1200	--	5.4	ND	9	21	--	--	
6/7/1993	81.41	9.98	0.00	71.43	-0.16	--	--	--	--	--	--	--	--	
6/23/1993	81.41	10.36	0.00	71.05	-0.38	--	--	--	--	--	--	--	--	
7/8/1993	81.41	10.52	0.00	70.89	-0.16	--	--	--	--	--	--	--	--	
7/22/1993	81.41	--	--	--	--	--	--	--	--	--	--	--	--	
8/11/1993	81.41	--	--	--	--	--	--	--	--	--	--	--	--	
8/25/1993	81.41	10.95	0.00	70.46	--	1800	--	11	17	8.9	29	--	--	
9/8/1993	81.41	11.34	0.00	70.07	-0.39	--	--	--	--	--	--	--	--	
9/22/1993	81.41	11.13	0.00	70.28	0.21	--	--	--	--	--	--	--	--	
10/7/1993	81.41	10.96	0.00	70.45	0.17	--	--	--	--	--	--	--	--	
10/28/1993	81.41	11.19	0.00	70.22	-0.23	--	--	--	--	--	--	--	--	
11/12/1993	81.41	--	--	--	--	--	--	--	--	--	--	--	--	
11/30/1993	81.41	10.42	0.00	70.99	--	3,500	--	18	ND	ND	ND	--	--	
2/16/1994	81.41	9.86	0.00	71.55	--	990	--	4.9	1.8	2.4	4.5	--	--	
5/31/1994	81.41	10.61	0.00	70.80	-0.75	350	--	3.0	1.0	0.73	1.7	--	--	
8/31/1994	81.41	11.37	0.00	70.04	-0.76	1,800	--	ND	ND	ND	ND	--	--	
9/27/1994	81.41	--	--	--	--	--	--	--	--	--	--	--	--	
10/11/1994	81.41	11.50	0.00	69.91	--	--	--	--	--	--	--	--	--	
11/10/1994	81.41	7.81	0.00	73.60	3.69	940	--	6.7	6.3	ND	16	--	--	

Date Sampled	TOC Elevation (feet)	Depth to Water (feet)	LPH Thickness (feet)	Ground-water Elevation (feet)	Change in Elevation (feet)	TPH-G (µg/l)	TPPH 8260B (µg/l)	Benzene (µg/l)	Toluene (µg/l)	Ethyl-benzene (µg/l)	Total Xylenes (µg/l)	MTBE 8021B (µg/l)	MTBE 8260B (µg/l)	Comments
MW-8 continued														
2/7/1995	81.41	8.69	0.00	72.72	-0.88	230	--	1.4	0.95	0.9	1.1	--	--	
5/3/1995	81.41	8.60	0.00	72.81	--	75	--	ND	ND	ND	1.0	--	--	
8/3/1995	81.41	--	--	--	--	--	--	--	--	--	--	--	--	
11/7/1995	81.41	11.05	0.00	70.36	--	210	--	1.3	1.2	ND	ND	--	--	
5/6/1996	81.41	--	--	--	--	--	--	--	--	--	--	--	--	
11/5/1996	81.41	--	--	--	--	--	--	--	--	--	--	--	--	
5/15/1997	81.41	10.46	0.00	70.95	--	ND	--	ND	ND	ND	ND	--	43	
11/12/1997	81.41	--	--	--	--	--	--	--	--	--	--	--	--	
5/4/1998	81.41	--	--	--	--	--	--	--	--	--	--	--	--	
11/11/1998	81.41	--	--	--	--	--	--	--	--	--	--	--	--	
5/20/1999	81.41	9.75	0.00	71.66	--	ND	--	ND	ND	ND	ND	--	10	
11/15/1999	81.41	--	--	--	--	--	--	--	--	--	--	--	45.1	
5/22/2000	81.41	9.80	0.00	71.61	--	ND	--	ND	1.9	ND	3.3	--	ND	
11/22/2000	81.41	9.76	0.00	71.65	0.04	ND	--	ND	1.16	ND	1.22	--	ND	
5/15/2001	81.41	9.87	0.00	71.54	--	ND	--	ND	ND	ND	ND	--	ND	
11/23/2001	81.41	9.92	0.00	71.49	--	ND<50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--	ND<5.0	
5/24/2002	81.41	9.26	0.00	72.15	--	ND<50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--	ND<5.0	
11/29/2002	81.41	9.71	0.00	71.70	--	ND<50	--	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<2.0	
5/15/2003	81.41	9.04	0.00	72.37	--	ND<50	--	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<2.0	
11/4/2003	81.41	10.20	0.00	71.21	--	--	690	ND<1.0	ND<1.0	3.3	ND<2.0	--	190	
5/24/2004	81.41	10.04	0.00	71.37	0.16	--	450	ND<2.5	ND<2.5	ND<2.5	ND<5.0	--	750	
MW-9														
11/7/1990	81.13	--	--	--	--	480	--	7.8	1.2	13	47	--	--	
2/25/1991	81.13	--	--	--	--	390	--	13	1.1	2.8	14	--	--	
5/28/1991	81.13	--	--	--	--	590	--	6.0	0.43	6.8	1.4	--	--	
8/28/1991	81.13	--	--	--	--	450	--	17	0.9	13	14	--	--	
11/19/1991	81.13	--	--	--	--	360	--	17	0.45	15	11	--	--	
2/6/1992	81.13	--	--	--	--	660	--	41	1.0	33	15	--	--	
5/23/1992	81.13	--	--	--	--	460	--	18	0.66	1.4	3.2	--	--	

Date Sampled	TOC Elevation (feet)	Depth to Water (feet)	LPH Thickness (feet)	Ground-water Elevation (feet)	Change in Elevation (feet)	TPH-G (µg/l)	TPPH 8260B (µg/l)	Benzene (µg/l)	Toluene (µg/l)	Ethyl-benzene (µg/l)	Total Xylenes (µg/l)	MTBE 8021B (µg/l)	MTBE 8260B (µg/l)	Comments
MW-9 continued														
8/26/1992	81.13	--	--	--	--	250	--	13	ND	8.6	3.8	--	--	
11/20/1992	81.13	--	--	--	--	--	--	--	--	--	--	--	--	
12/21/1992	81.13	--	--	--	--	--	--	--	--	--	--	--	--	
1/30/1993	81.13	--	--	--	--	--	--	--	--	--	--	--	--	
2/24/1993	81.13	--	--	--	--	--	--	--	--	--	--	--	--	
3/22/1993	81.13	--	--	--	--	--	--	--	--	--	--	--	--	
4/28/1993	81.13	--	--	--	--	--	--	--	--	--	--	--	--	
5/25/1993	81.13	11.50	0.00	69.63	--	160	--	6.1	ND	7.4	1.1	--	--	
6/23/1993	80.53	9.78	0.00	70.75	--	--	--	--	--	--	--	--	--	
7/22/1993	80.53	10.10	0.00	70.43	--	--	--	--	--	--	--	--	--	
8/25/1993	80.53	10.44	0.00	70.09	--	220	--	10	ND	6.8	1.4	--	--	
9/22/1993	80.53	10.64	0.00	69.89	--	--	--	--	--	--	--	--	--	
10/28/1993	80.53	10.68	0.00	69.85	--	--	--	--	--	--	--	--	--	
11/30/1993	80.53	9.87	0.00	70.66	--	200	--	5.6	ND	2.9	2.7	--	--	
2/16/1994	80.53	9.21	0.00	71.32	--	250	--	5.1	1.3	4.4	1.5	--	--	
5/31/1994	80.53	10.15	0.00	70.38	-0.94	360	--	7.8	0.97	4.6	2.2	--	--	
8/31/1994	80.53	10.97	0.00	69.56	-0.82	650	--	7.7	2.8	4.4	5.0	--	59	
9/27/1994	80.53	11.10	0.00	69.43	--	--	--	--	--	--	--	--	--	
10/11/1994	80.53	11.20	0.00	69.33	-0.10	--	--	--	--	--	--	--	--	
11/10/1994	80.53	7.25	0.00	73.28	3.95	ND	--	ND	ND	ND	ND	--	--	
2/7/1995	80.53	7.76	0.00	72.77	-0.51	57	--	0.7	ND	0.86	ND	--	--	
5/3/1995	80.53	7.82	0.00	72.71	--	ND	--	0.85	0.67	1.3	1.0	--	--	
8/3/1995	80.53	9.70	0.00	70.83	-1.88	91	--	1.1	ND	ND	ND	--	--	
11/7/1995	80.53	10.64	0.00	69.89	--	130	--	1.5	0.62	0.71	ND	--	60	
5/6/1996	80.53	9.01	0.00	71.52	1.63	860	--	6.1	13	6.0	25	--	ND	
11/5/1996	80.53	11.42	0.00	69.11	-2.41	84	--	0.74	ND	1.2	4.5	--	ND	
5/15/1997	80.53	9.89	0.00	70.64	1.53	ND	--	ND	ND	ND	ND	--	ND	
11/12/1997	80.53	10.22	0.00	70.31	-0.33	ND	--	0.55	ND	ND	ND	--	74	
5/4/1998	80.53	10.05	0.00	70.48	0.17	ND	--	ND	ND	ND	ND	--	45	

Date Sampled	TOC Elevation (feet)	Depth to Water (feet)	LPH Thickness (feet)	Ground-water Elevation (feet)	Change in Elevation (feet)	TPH-G (µg/l)	TPPH 8260B (µg/l)	Benzene (µg/l)	Toluene (µg/l)	Ethyl-benzene (µg/l)	Total Xylenes (µg/l)	MTBE 8021B (µg/l)	MTBE 8260B (µg/l)	Comments
MW-9 continued														
11/11/1998	80.53	9.23	0.00	71.30	0.82	ND	--	ND	ND	ND	ND	--	ND	
5/20/1999	80.53	8.78	0.00	71.75	--	ND	--	ND	ND	ND	ND	--	ND	
11/15/1999	80.53	9.12	0.00	71.41	--	ND	--	ND	ND	ND	ND	--	ND	
5/22/2000	80.53	9.17	0.00	71.36	--	ND	--	ND	1.9	ND	3.5	--	ND	
11/22/2000	80.53	9.08	0.00	71.45	0.09	ND	--	ND	1.18	ND	1.16	--	ND	
5/15/2001	80.53	8.85	0.00	71.68	--	ND	--	ND	ND	ND	ND	--	ND	
11/23/2001	80.53	9.10	0.00	71.43	--	ND<50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--	ND<5.0	
5/24/2002	80.53	8.79	0.00	71.74	--	ND<50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--	ND<5.0	
11/29/2002	80.53	9.24	0.00	71.29	--	ND<50	--	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<2.0	
5/15/2003	80.53	8.56	0.00	71.97	--	ND<50	--	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<2.0	
11/4/2003	80.53	--	--	--	--	--	--	--	--	--	--	--	--	Inaccessible
5/24/2004	80.53	9.38	0.00	71.15	--	--	330	1.8	ND<0.50	ND<0.50	ND<1.0	--	160	
MW-10														
2/6/1992	81.90	--	--	--	--	ND	--	ND	ND	ND	ND	--	--	
5/23/1992	81.90	--	--	--	--	ND	--	ND	ND	ND	ND	--	--	
8/26/1992	81.90	--	--	--	--	ND	--	ND	ND	ND	ND	--	--	
11/20/1992	81.90	--	--	--	--	ND	--	ND	ND	ND	ND	--	--	
12/21/1992	81.90	13.41	0.00	68.49	--	--	--	--	--	--	--	--	--	
1/30/1993	81.90	11.60	0.00	70.30	--	--	--	--	--	--	--	--	--	
2/24/1993	81.90	11.23	0.00	70.67	--	ND	--	ND	ND	ND	ND	--	--	
3/22/1993	81.90	10.89	0.00	71.01	--	--	--	--	--	--	--	--	--	
4/28/1993	81.90	12.11	0.00	69.79	--	--	--	--	--	--	--	--	--	
5/25/1993	81.90	12.02	0.00	69.88	--	ND	--	ND	ND	ND	ND	--	--	
6/23/1993	81.61	12.11	0.00	69.50	--	--	--	--	--	--	--	--	--	
7/22/1993	81.61	12.49	0.00	69.12	--	--	--	--	--	--	--	--	--	
8/25/1993	81.61	12.78	0.00	68.83	--	ND	--	ND	ND	ND	ND	--	--	
9/22/1993	81.61	13.06	0.00	68.55	--	--	--	--	--	--	--	--	--	
10/28/1993	81.61	13.23	0.00	68.38	--	--	--	--	--	--	--	--	--	
11/30/1993	81.61	--	--	--	--	--	--	--	--	--	--	--	--	

Date Sampled	TOC Elevation (feet)	Depth to Water (feet)	LPH Thickness (feet)	Ground-water Elevation (feet)	Change in Elevation (feet)	TPH-G (µg/l)	TPPH 8260B (µg/l)	Benzene (µg/l)	Toluene (µg/l)	Ethyl-benzene (µg/l)	Total Xylenes (µg/l)	MTBE 8021B (µg/l)	MTBE 8260B (µg/l)	Comments
MW-10 continued														
2/16/1994	81.61	12.43	0.00	69.18	--	ND	--	ND	ND	ND	ND	--	--	
5/31/1994	81.61	12.69	0.00	68.92	-0.26	ND	--	ND	0.9	ND	0.91	--	--	
8/31/1994	81.61	13.47	0.00	68.14	-0.78	ND	--	ND	0.64	ND	0.54	--	--	
9/27/1994	81.61	13.72	0.00	67.89	--	--	--	--	--	--	--	--	--	
10/11/1994	81.61	14.80	0.00	66.81	-1.08	--	--	--	--	--	--	--	--	
11/10/1994	81.61	12.64	0.00	68.97	2.16	ND	--	ND	ND	ND	ND	--	--	
2/7/1995	81.61	10.29	0.00	71.32	2.35	--	--	--	--	--	--	--	--	
5/3/1995	81.61	10.22	0.00	71.39	--	ND	--	ND	ND	ND	0.65	--	--	
8/3/1995	81.61	11.73	0.00	69.88	-1.51	--	--	--	--	--	--	--	--	
11/7/1995	81.61	12.98	0.00	68.63	--	ND	--	ND	ND	ND	ND	--	--	
5/6/1996	81.61	10.90	0.00	70.71	2.08	--	--	--	--	--	--	--	--	
11/5/1996	81.61	11.96	0.00	69.65	-1.06	--	--	--	--	--	--	--	--	
5/15/1997	81.61	10.79	0.00	70.82	1.17	--	--	--	--	--	--	--	--	
11/12/1997	81.61	10.07	0.00	71.54	0.72	--	--	--	--	--	--	--	--	
5/4/1998	81.61	10.01	0.00	71.60	0.06	--	--	--	--	--	--	--	--	
11/11/1998	81.61	12.03	0.00	69.58	-2.02	--	--	--	--	--	--	--	--	
5/20/1999	81.61	10.05	0.00	71.56	--	--	--	--	--	--	--	--	--	
11/15/1999	81.61	10.16	0.00	71.45	--	--	--	--	--	--	--	--	--	
5/22/2000	81.61	10.06	0.00	71.55	--	--	--	--	--	--	--	--	--	
11/22/2000	81.61	10.12	0.00	71.49	-0.06	--	--	--	--	--	--	--	--	
5/15/2001	81.61	10.08	0.00	71.53	--	--	--	--	--	--	--	--	--	
11/23/2001	81.61	10.14	0.00	71.47	--	--	--	--	--	--	--	--	--	
5/24/2002	81.61	9.48	0.00	72.13	--	--	--	--	--	--	--	--	--	
11/29/2002	81.61	10.11	0.00	71.50	--	--	--	--	--	--	--	--	--	
5/15/2003	81.61	9.22	0.00	72.39	--	--	--	--	--	--	--	--	--	
11/4/2003	81.61	12.82	0.00	68.79	--	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<2.0	
5/24/2004	81.61	11.52	0.00	70.09	1.30	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	0.75	
MW-11														
2/6/1992	78.43	--	--	--	--	ND	--	ND	ND	ND	ND	--	--	

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-11 continued														
5/23/1992	78.43	--	--	--	--	ND	--	ND	ND	ND	ND	--	--	
8/26/1992	78.43	--	--	--	--	ND	--	ND	ND	ND	ND	--	--	
11/20/1992	78.43	--	--	--	--	ND	--	ND	ND	ND	ND	--	--	
12/21/1992	78.43	12.34	0.00	66.09	--	--	--	--	--	--	--	--	--	
1/30/1993	78.43	14.17	0.00	64.26	--	--	--	--	--	--	--	--	--	
2/24/1993	78.43	12.70	0.00	65.73	--	ND	--	ND	ND	ND	ND	--	--	
3/22/1993	78.43	8.95	0.00	69.48	--	--	--	--	--	--	--	--	--	
4/28/1993	78.43	13.87	0.00	64.56	--	--	--	--	--	--	--	--	--	
5/25/1993	78.43	15.14	0.00	63.29	--	ND	--	ND	0.75	ND	1.0	--	--	
6/23/1993	78.18	15.08	0.00	63.10	--	--	--	--	--	--	--	--	--	
7/22/1993	78.18	15.46	0.00	62.72	--	--	--	--	--	--	--	--	--	
8/25/1993	78.18	14.10	0.00	64.08	--	ND	--	ND	ND	ND	ND	--	--	
9/22/1993	78.18	15.03	0.00	63.15	--	--	--	--	--	--	--	--	--	
10/28/1993	78.18	13.84	0.00	64.34	--	--	--	--	--	--	--	--	--	
11/30/1993	78.18	13.04	0.00	65.14	--	ND	--	ND	ND	ND	ND	--	--	
2/16/1994	78.18	12.76	0.00	65.42	--	ND	--	ND	ND	ND	ND	--	--	
5/31/1994	78.18	12.79	0.00	65.39	-0.03	ND	--	ND	ND	ND	ND	--	--	
8/31/1994	78.18	12.97	0.00	65.21	-0.18	ND	--	ND	1.5	ND	1.8	--	--	
9/27/1994	78.18	14.88	0.00	63.30	--	--	--	--	--	--	--	--	--	
10/11/1994	78.18	13.40	0.00	64.78	1.48	--	--	--	--	--	--	--	--	
11/10/1994	78.18	13.57	0.00	64.61	-0.17	ND	--	ND	ND	ND	ND	--	--	
2/7/1995	78.18	12.28	0.00	65.90	1.29	--	--	--	--	--	--	--	--	
5/3/1995	78.18	9.28	0.00	68.90	--	ND	--	ND	ND	ND	ND	--	--	
8/3/1995	78.18	12.67	0.00	65.51	-3.39	--	--	--	--	--	--	--	--	
11/7/1995	78.18	12.28	0.00	65.90	--	ND	--	ND	ND	ND	ND	--	--	
5/6/1996	78.18	13.30	0.00	64.88	-1.02	--	--	--	--	--	--	--	--	
11/5/1996	78.18	10.90	0.00	67.28	2.40	--	--	--	--	--	--	--	--	
5/15/1997	78.18	11.65	0.00	66.53	-0.75	--	--	--	--	--	--	--	--	
11/12/1997	78.18	9.66	0.00	68.52	1.99	--	--	--	--	--	--	--	--	

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-11 continued														
5/4/1998	78.18	10.87	0.00	67.31	-1.21	--	--	--	--	--	--	--	--	
11/11/1998	78.18	11.40	0.00	66.78	-0.53	--	--	--	--	--	--	--	--	
5/20/1999	78.18	10.71	0.00	67.47	--	ND	--	ND	ND	ND	ND	--	ND	
11/15/1999	78.18	11.32	0.00	66.86	--	ND	--	ND	1.04	ND	ND	--	ND	
5/22/2000	78.18	10.98	0.00	67.20	--	ND	--	ND	ND	ND	ND	--	ND	
11/22/2000	78.18	11.17	0.00	67.01	-0.19	ND	--	ND	ND	ND	ND	--	ND	
5/15/2001	78.18	10.93	0.00	67.25	--	ND	--	ND	ND	ND	ND	--	ND	
11/23/2001	78.18	11.08	0.00	67.10	--	ND<50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--	ND<5.0	
5/24/2002	78.18	10.58	0.00	67.60	--	ND<50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--	ND<5.0	
11/29/2002	78.18	11.27	0.00	66.91	--	ND<50	--	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<2.0	
5/15/2003	78.18	10.25	0.00	67.93	--	ND<50	--	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<2.0	
11/4/2003	78.18	11.23	0.00	66.95	--	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<2.0	
5/24/2004	78.18	10.10	0.00	68.08	1.13	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<0.50	
MW-12														
8/26/1992	79.89	--	--	--	--	ND	--	ND	ND	ND	ND	--	--	
11/20/1992	79.89	--	--	--	--	ND	--	ND	ND	ND	ND	--	--	
12/21/1992	79.89	12.11	0.00	67.78	--	--	--	--	--	--	--	--	--	
1/30/1993	79.89	13.18	0.00	66.71	--	--	--	--	--	--	--	--	--	
2/24/1993	79.89	12.13	0.00	67.76	--	ND	--	ND	ND	ND	ND	--	--	
3/22/1993	79.89	11.22	0.00	68.67	--	--	--	--	--	--	--	--	--	
4/28/1993	79.89	13.42	0.00	66.47	--	--	--	--	--	--	--	--	--	
5/25/1993	79.89	13.68	0.00	66.21	--	ND	--	ND	ND	ND	ND	--	--	
6/23/1993	79.61	14.56	0.00	65.05	--	--	--	--	--	--	--	--	--	
7/22/1993	79.61	14.96	0.00	64.65	--	--	--	--	--	--	--	--	--	
8/25/1993	79.61	13.61	0.00	66.00	--	ND	--	ND	ND	ND	ND	--	--	
9/22/1993	79.61	15.02	0.00	64.59	--	--	--	--	--	--	--	--	--	
10/28/1993	79.61	14.04	0.00	65.57	--	--	--	--	--	--	--	--	--	
11/30/1993	79.61	13.28	0.00	66.33	--	ND	--	ND	ND	ND	ND	--	--	
2/16/1994	79.61	12.76	0.00	66.85	--	ND	--	ND	ND	ND	ND	--	--	

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-12 continued														
5/31/1994	79.61	12.64	0.00	66.97	0.12	ND	--	ND	0.81	ND	0.82	--	--	
8/31/1994	79.61	12.82	0.00	66.79	-0.18	ND	--	ND	1.0	ND	1.0	--	ND	
9/27/1994	79.61	14.66	0.00	64.95	--	--	--	--	--	--	--	--	--	
10/11/1994	79.61	14.25	0.00	65.36	0.41	--	--	--	--	--	--	--	--	
11/10/1994	79.61	13.40	0.00	66.21	0.85	ND	--	ND	ND	ND	ND	--	--	
2/7/1995	79.61	11.72	0.00	67.89	1.68	--	--	--	--	--	--	--	--	
5/3/1995	79.61	13.38	0.00	66.23	--	ND	--	ND	ND	ND	ND	--	--	
8/3/1995	79.61	13.47	0.00	66.14	-0.09	--	--	--	--	--	--	--	--	
11/7/1995	79.61	12.78	0.00	66.83	--	ND	--	ND	ND	ND	ND	--	--	
5/6/1996	79.61	13.25	0.00	66.36	-0.47	--	--	--	--	--	--	--	--	
11/5/1996	79.61	11.88	0.00	67.73	1.37	--	--	--	--	--	--	--	--	
5/15/1997	79.61	11.72	0.00	67.89	0.16	--	--	--	--	--	--	--	--	
11/12/1997	79.61	10.01	0.00	69.60	1.71	--	--	--	--	--	--	--	--	
5/4/1998	79.61	10.96	0.00	68.65	-0.95	--	--	--	--	--	--	--	--	
11/11/1998	79.61	11.53	0.00	68.08	-0.57	--	--	--	--	--	--	--	--	
5/20/1999	79.61	10.84	0.00	68.77	--	--	--	--	--	--	--	--	--	
11/15/1999	79.61	11.36	0.00	68.25	--	--	--	--	--	--	--	--	--	
5/22/2000	79.61	11.19	0.00	68.42	--	--	--	--	--	--	--	--	--	
11/22/2000	79.61	11.36	0.00	68.25	-0.17	--	--	--	--	--	--	--	--	
5/15/2001	79.61	11.04	0.00	68.57	--	--	--	--	--	--	--	--	--	
11/23/2001	79.61	11.14	0.00	68.47	--	--	--	--	--	--	--	--	--	
5/24/2002	79.61	10.69	0.00	68.92	--	--	--	--	--	--	--	--	--	
11/29/2002	79.61	11.23	0.00	68.38	--	--	--	--	--	--	--	--	--	
5/15/2003	79.61	10.38	0.00	69.23	--	--	--	--	--	--	--	--	--	
11/4/2003	79.61	11.34	0.00	68.27	--	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	4.4	
5/24/2004	79.61	9.84	0.00	69.77	1.50	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	1.7	
QA														
11/29/2002	--	--	--	--	--	ND<50	--	ND<0.50	0.75	ND<0.50	ND<1.0	--	ND<2.0	
5/15/2003	--	--	--	--	--	ND<50	--	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<2.0	

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														
2/24/1993	81.20	7.19	0.00	74.01	--	--	--	--	--	--	--	--	--	
5/12/1993	81.20	8.82	0.00	72.38	--	--	--	--	--	--	--	--	--	
5/25/1993	81.20	8.58	0.00	72.62	0.24	--	--	--	--	--	--	--	--	
6/7/1993	80.63	8.16	0.00	72.47	-0.15	--	--	--	--	--	--	--	--	
6/23/1993	80.63	8.53	0.00	72.10	-0.37	--	--	--	--	--	--	--	--	
7/8/1993	80.63	8.69	0.00	71.94	-0.16	--	--	--	--	--	--	--	--	
8/11/1993	80.63	9.00	0.00	71.63	--	--	--	--	--	--	--	--	--	
8/25/1993	80.63	9.07	0.00	71.56	-0.07	--	--	--	--	--	--	--	--	
9/8/1993	80.63	9.71	0.00	70.92	-0.64	--	--	--	--	--	--	--	--	
9/22/1993	80.63	9.25	0.00	71.38	0.46	--	--	--	--	--	--	--	--	
11/12/1993	80.63	9.00	--	71.63	--	--	--	--	--	--	--	--	--	
2/16/1994	80.63	7.82	0.00	72.81	--	--	--	--	--	--	--	--	--	
5/31/1994	80.63	8.81	0.00	71.82	-0.99	--	--	--	--	--	--	--	--	
8/31/1994	80.63	9.61	0.00	71.02	-0.80	--	--	--	--	--	--	--	--	
11/10/1994	80.63	6.34	0.00	74.29	--	--	--	--	--	--	--	--	--	
2/7/1995	80.63	7.18	0.00	73.45	-0.84	--	--	--	--	--	--	--	--	
3/14/1995	80.63	6.01	0.00	74.62	1.17	--	--	--	--	--	--	--	--	
11/7/1995	--	--	--	--	--	--	--	--	--	--	--	--	--	
10/15/2001	80.63	8.43	0.00	72.20	--	--	--	--	--	--	--	--	--	
11/23/2001	80.63	8.57	0.00	72.06	-0.14	--	--	--	--	--	--	--	--	
12/10/2001	80.63	8.51	0.00	72.12	0.06	--	--	--	--	--	--	--	--	
1/14/2002	80.63	8.13	0.00	72.50	0.38	--	--	--	--	--	--	--	--	
2/22/2002	80.63	6.18	0.00	74.45	1.95	--	--	--	--	--	--	--	--	
3/11/2002	80.63	6.31	0.00	74.32	-0.13	--	--	--	--	--	--	--	--	
4/15/2002	80.63	6.39	0.00	74.24	-0.08	--	--	--	--	--	--	--	--	
5/24/2002	80.63	8.14	0.00	72.49	-1.75	--	--	--	--	--	--	--	--	
6/17/2002	80.63	8.18	0.00	72.45	-0.04	--	--	--	--	--	--	--	--	
7/15/2002	80.63	8.29	0.00	72.34	-0.11	--	--	--	--	--	--	--	--	
8/19/2002	80.63	8.44	0.00	72.19	-0.15	--	--	--	--	--	--	--	--	

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														
9/5/2002	80.63	8.47	0.00	72.16	-0.03	--	--	--	--	--	--	--	--	
10/7/2002	80.63	8.43	0.00	72.20	0.04	--	--	--	--	--	--	--	--	
11/29/2002	80.63	8.92	0.00	71.71	-0.49	--	--	--	--	--	--	--	--	
12/12/2002	80.63	8.87	0.00	71.76	0.05	--	--	--	--	--	--	--	--	
1/6/2003	80.63	8.66	0.00	71.97	0.21	--	--	--	--	--	--	--	--	
2/12/2003	80.63	8.39	0.00	72.24	0.27	--	--	--	--	--	--	--	--	
3/13/2003	80.63	8.06	0.00	72.57	0.33	--	--	--	--	--	--	--	--	
4/7/2003	80.63	8.09	0.00	72.54	-0.03	--	--	--	--	--	--	--	--	
5/15/2003	80.63	8.07	0.00	72.56	0.02	--	--	--	--	--	--	--	--	
6/12/2003	80.63	8.11	0.00	72.52	-0.04	--	--	--	--	--	--	--	--	
7/7/2003	80.63	8.13	0.00	72.50	-0.02	--	--	--	--	--	--	--	--	
11/4/2003	80.63	9.97	0.00	70.66	-1.84	--	2600	11	ND<10	ND<10	ND<20	--	210	
5/24/2004	80.63	8.31	0.00	72.32	1.66	--	3100	20	ND<5.0	16	ND<10	--	200	
Trip Blank														
5/4/1998	--	--	--	--	--	ND	--	ND	ND	ND	ND	--	ND	
11/11/1998	--	--	--	--	--	ND	--	ND	ND	ND	ND	--	ND	
5/20/1999	--	--	--	--	--	ND	--	ND	ND	ND	ND	--	ND	
11/15/1999	--	--	--	--	--	ND	--	ND	1.12	ND	ND	--	ND	
5/22/2000	--	--	--	--	--	ND	--	ND	ND	ND	ND	--	ND	
11/22/2000	--	--	--	--	--	ND	--	ND	ND	ND	ND	--	ND	
5/15/2001	--	--	--	--	--	ND	--	ND	ND	ND	ND	--	ND	
11/23/2001	--	--	--	--	--	ND<50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--	ND<5.0	
5/24/2002	--	--	--	--	--	ND<50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--	ND<5.0	

Table 3
SUMMARY OF ADDITIONAL CHEMICAL ANALYSIS RESULTS
76 Station 0746

Date Sampled	EDC	EDB	Pre-Purge DO	Post Purge DO	TAME 8260B	TBA 8260B	DIPE 8260B	ETBE 8260B	Ethanol 8015B	Ethanol 8260B
	(µg/l)	(µg/l)	(mg/l)	(mg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(mg/l)	(µg/l)
MW-1										
5/6/1996	--	--	5.21	4.13	--	--	--	--	--	--
11/5/1996	--	--	3.12	--	--	--	--	--	--	--
5/15/1997	--	--	3.92	--	--	--	--	--	--	--
11/12/1997	--	--	4.16	--	--	--	--	--	--	--
5/4/1998	--	--	3.84	--	--	--	--	--	--	--
11/11/1998	--	--	2.85	--	--	--	--	--	--	--
5/20/1999	--	--	3.3	--	ND	ND	ND	ND	ND	ND
11/15/1999	--	--	--	--	ND	ND	ND	ND	ND	ND
5/22/2000	--	--	--	--	ND	130	ND	ND	ND	ND
11/22/2000	--	--	--	--	ND	--	ND	ND	--	--
5/15/2001	--	--	--	--	ND	ND	ND	ND	ND	ND
11/23/2001	ND<2.9	ND<2.9	--	--	ND<2.9	ND<57	ND<2.9	ND<2.9	ND<1,400	ND<1,400
5/24/2002	ND<4.0	ND<4.0	--	--	ND<4.0	ND<200	ND<4.0	ND<4.0	ND<1,000	ND<1,000
11/29/2002	ND<10	ND<10	--	--	ND<10	ND<500	ND<10	ND<10	ND<2,500	ND<2,500
5/15/2003	ND<10	ND<10	--	--	ND<10	ND<500	ND<10	ND<10	ND<2,500	ND<2,500
11/4/2003	--	--	--	--	ND<4.0	ND<200	ND<4.0	ND<4.0	--	ND<1000
5/24/2004	ND<0.50	ND<0.50	--	--	ND<0.50	ND<5.0	ND<1.0	ND<0.50	--	ND<50
MW-2										
8/19/1995	--	--	--	2.77	--	--	--	--	--	--
5/15/1997	--	--	3.01	--	--	--	--	--	--	--
11/12/1997	--	--	3.27	--	--	--	--	--	--	--
5/4/1998	--	--	3.63	--	--	--	--	--	--	--
MW-3										
8/19/1995	--	--	--	2.06	--	--	--	--	--	--
11/7/1995	--	--	--	1.68	--	--	--	--	--	--
5/6/1996	--	--	3.18	3.4	--	--	--	--	--	--

Date Sampled	EDC	EDB	Pre-Purge DO	Post Purge DO	TAME 8260B	TBA 8260B	DIPE 8260B	ETBE 8260B	Ethanol 8015B	Ethanol 8260B
	(µg/l)	(µg/l)	(mg/l)	(mg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(mg/l)	(µg/l)
MW-5 continued										
8/19/1995	--	--	--	2.09	--	--	--	--	--	--
11/7/1995	--	--	--	1.79	--	--	--	--	--	--
5/6/1996	--	--	2.91	1.8	--	--	--	--	--	--
11/5/1996	--	--	1.85	--	--	--	--	--	--	--
5/15/1997	--	--	2.1	--	--	--	--	--	--	--
11/12/1997	--	--	1.98	--	--	--	--	--	--	--
5/4/1998	--	--	1.69	--	--	--	--	--	--	--
5/22/2000	--	--	--	--	ND	ND	ND	ND	ND	ND
MW-6										
5/15/1997	--	--	2.9	--	--	--	--	--	--	--
5/4/1998	--	--	3.57	--	--	--	--	--	--	--
11/4/2003	--	--	--	--	ND<2.0	ND<100	ND<2.0	ND<2.0	--	ND<500
5/24/2004	ND<0.50	ND<0.50	--	--	ND<0.50	ND<5.0	ND<1.0	ND<0.50	--	ND<50
MW-7										
5/15/1997	--	--	2.21	--	--	--	--	--	--	--
5/4/1998	--	--	3.09	--	--	--	--	--	--	--
11/4/2003	--	--	--	--	--	--	--	--	--	ND<500
5/24/2004	ND<0.5	ND<0.5	--	--	ND<0.5	ND<5.0	ND<1.0	ND<0.5	--	ND<50
MW-8										
5/15/1997	--	--	2.88	--	--	--	--	--	--	--
5/20/1999	--	--	3.55	--	ND	--	ND	ND	--	ND
11/15/1999	--	--	--	--	ND	--	ND	ND	--	ND
11/4/2003	--	--	--	--	ND<4.0	ND<200	ND<4.0	ND<4.0	--	ND<1000
5/24/2004	ND<2.5	ND<2.5	--	--	ND<2.5	ND<25	ND<5.0	ND<2.5	--	ND<250
MW-9										
5/6/1996	--	--	4.23	3.25	--	--	--	--	--	--
11/5/1996	--	--	2.98	--	--	--	--	--	--	--
5/15/1997	--	--	3.04	--	--	--	--	--	--	--
11/12/1997	--	--	4.02	--	--	--	--	--	--	--

Date Sampled	EDC	EDB	Pre-Purge DO	Post Purge DO	TAME 8260B	TBA 8260B	DIPE 8260B	ETBE 8260B	Ethanol 8015B	Ethanol 8260B
	(µg/l)	(µg/l)	(mg/l)	(mg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(mg/l)	(µg/l)
MW-9 continued										
5/4/1998	--	--	3.41	--	--	--	--	--	--	--
11/11/1998	--	--	5.19	--	--	--	--	--	--	--
5/20/1999	--	--	4.46	--	--	--	--	--	--	--
5/24/2004	ND<0.50	ND<0.50	--	--	ND<0.50	29	ND<1.0	ND<0.50	--	ND<50
MW-10										
5/15/1997	--	--	1.61	--	--	--	--	--	--	--
5/4/1998	--	--	2.85	--	--	--	--	--	--	--
11/4/2003	--	--	--	--	--	--	--	--	--	ND<500
5/24/2004	ND<0.50	ND<0.50	--	--	ND<0.50	ND<5.0	ND<1.0	ND<0.50	--	ND<50
MW-11										
5/15/1997	--	--	1.68	--	--	--	--	--	--	--
5/4/1998	--	--	2.94	--	--	--	--	--	--	--
5/20/1999	--	--	3.22	--	--	--	--	--	--	--
11/4/2003	--	--	--	--	--	--	--	--	--	ND<500
5/24/2004	--	--	--	--	--	--	--	--	--	ND<50
MW-12										
5/15/1997	--	--	2.10	--	--	--	--	--	--	--
5/4/1998	--	--	3.41	--	--	--	--	--	--	--
11/4/2003	--	--	--	--	ND<2.0	ND<100	ND<2.0	ND<2.0	--	ND<500
5/24/2004	ND<0.50	ND<0.50	--	--	ND<0.50	ND<5.0	ND<1.0	ND<0.50	--	ND<50
RW-1										
11/7/1995	--	--	--	2.13	--	--	--	--	--	--
11/4/2003	--	--	--	--	ND<40	ND<2000	ND<40	ND<40	--	ND<10000
5/24/2004	ND<5.0	ND<5.0	--	--	ND<5.0	ND<50	ND<10	ND<5.0	--	ND<500

Table 4

LIQUID PHASE HYDROCARBON RECOVERY DATA
76 Station 0746

Well Number	Date	LPH* Removed (gallons)	Cumulative LPH Removed (gallons)
MW-5	11/11/98	--	
MW-5	02/22/99	0.04	
MW-5	04/02/99	0.07	
MW-5	05/04/99	--	
MW-5	05/20/99	--	
MW-5	06/29/99	--	
MW-5	0729/99	--	
MW-5	08/24/99	--	
MW-5	09/27/99	--	
MW-5	10/28/99	--	
MW-5	11/15/99	--	
MW-5	12/20/99	--	
MW-5	01/20/00	--	
MW-5	02/26/00	--	
MW-5	03/31/00	--	
MW-5	04/13/00	0.00	
MW-5	05/22/00	--	
MW-5	11/22/00	0.02	
MW-5	02/14/01	0.06	
MW-5	03/28/01	--	
MW-5	04/28/01	--	
MW-5	05/15/01	--	
MW-5	06/29/01	--	
MW-5	07/17/01	--	
MW-5	08/30/01	0.00	
MW-5	09/24/01	--	
MW-5	10/15/01	0.03	
MW-5	11/23/01	--	
MW-5	12/10/01	0.00	
MW-5	01/14/02	--	
MW-5	02/22/02	--	
MW-5	03/11/02	0.00	
MW-5	04/15/02	--	
MW-5	05/24/02	0.04	
MW-5	06/17/02	0.04	
MW-5	07/15/02	0.02	
MW-5	08/19/02	0.05	
MW-5	09/05/02	0.03	

* Estimated volume calculated using the following formulas:
LPH removed for 2" casing well = (feet of product)(0.17 gallon/foot)
4" casing well = (feet of product)(0.67 gallon/foot)
6" casing well = (feet of product)(1.5 gallon/foot)

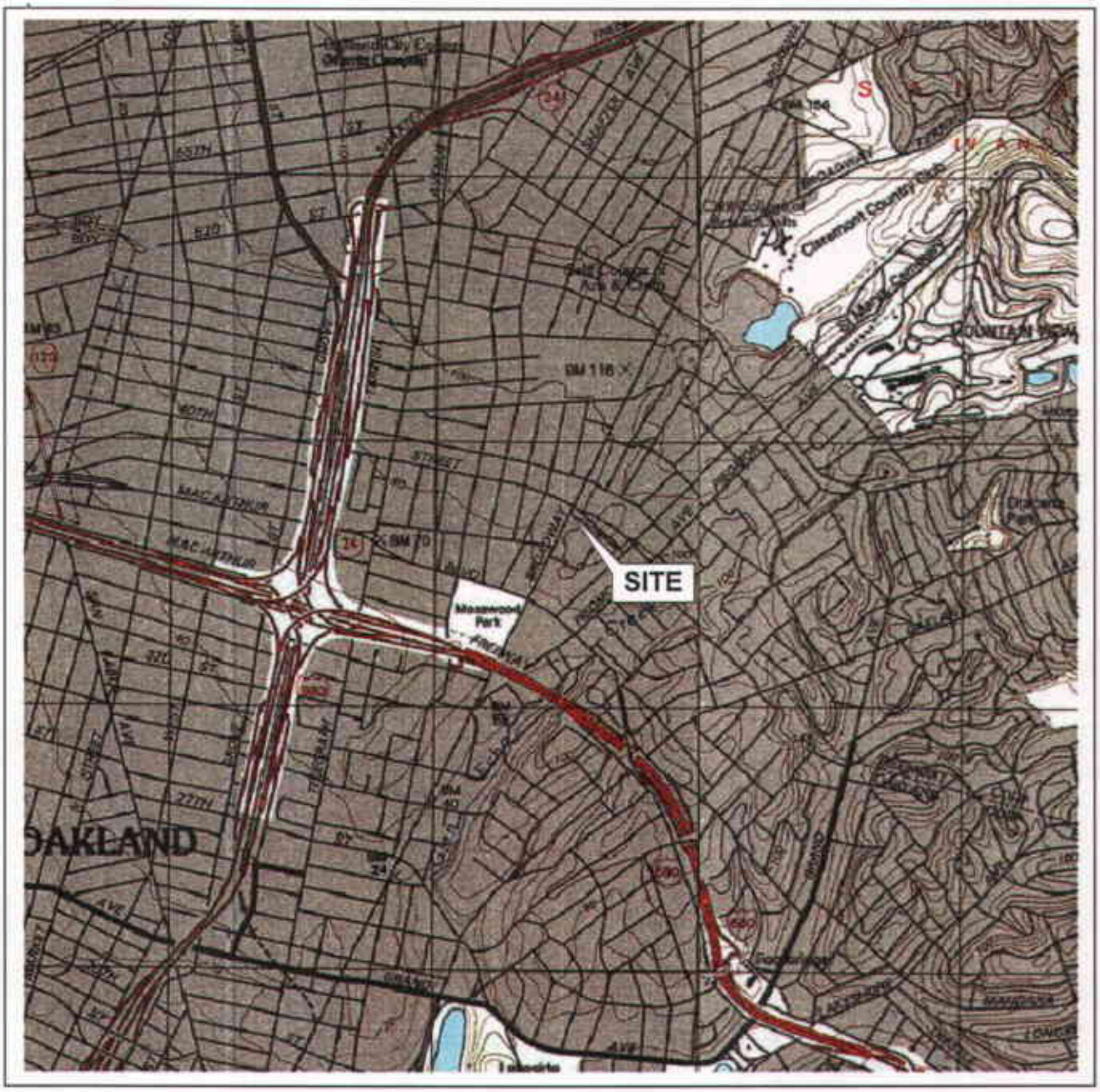
Table 4

LIQUID PHASE HYDROCARBON RECOVERY DATA
76 Station 0746

Well Number	Date	LPH* Removed (gallons)	Cumulative LPH Removed (gallons)
MW-5	10/07/02	0.02	
MW-5	11/29/02	0.02	
MW-5	12/12/02	0.01	
MW-5	01/06/03	0.01	
MW-5	02/12/03	0.02	
MW-5	03/13/03	0.02	
MW-5	04/07/03	0.01	
MW-5	05/15/03	0.03	
MW-5	06/12/03	0.02	
MW-5	07/07/03	0.01	
MW-5	08/14/03	0.02	
MW-5	09/12/03	0.02	
MW-5	10/15/03	0.09	
MW-5	11/21/03	0.13	
MW-5	12/18/03	0.02	
MW-5	01/07/04	0.01	
MW-5	02/09/04	0.01	
MW-5	03/24/04	0.03	
MW-5	04/16/04	0.00	
MW-5	05/24/04	0.05	
MW-5	06/08/04	0.05	0.39
		Total LPH recovered:	0.39
RW-1	10/15/03	0.00	
RW-1	11/21/03	0.00	
RW-1	12/18/03	0.00	
RW-1	01/07/04	0.00	
RW-1	02/09/04	0.01	
RW-1	03/24/04	0.00	
RW-1	04/16/04	0.00	
RW-1	05/24/04	0.00	
RW-1	06/08/04	0.00	0.01
		Total LPH recovered:	0.01

* Estimated volume calculated using the following formulas:
LPH removed for 2" casing well = (feet of product)(0.17 gallon/foot)
4" casing well = (feet of product)(0.67 gallon/foot)
6" casing well = (feet of product)(1.5 gallon/foot)

FIGURES



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

SCALE 1: 24,000

N

SOURCE:

United States Geological Survey
7.5 Minute Topographic Maps:
Placerville Quadrangle

VICINITY MAP

76 Station 0746
3943 Broadway
Oakland, California

FIGURE 1

TRC

PS = 1:1

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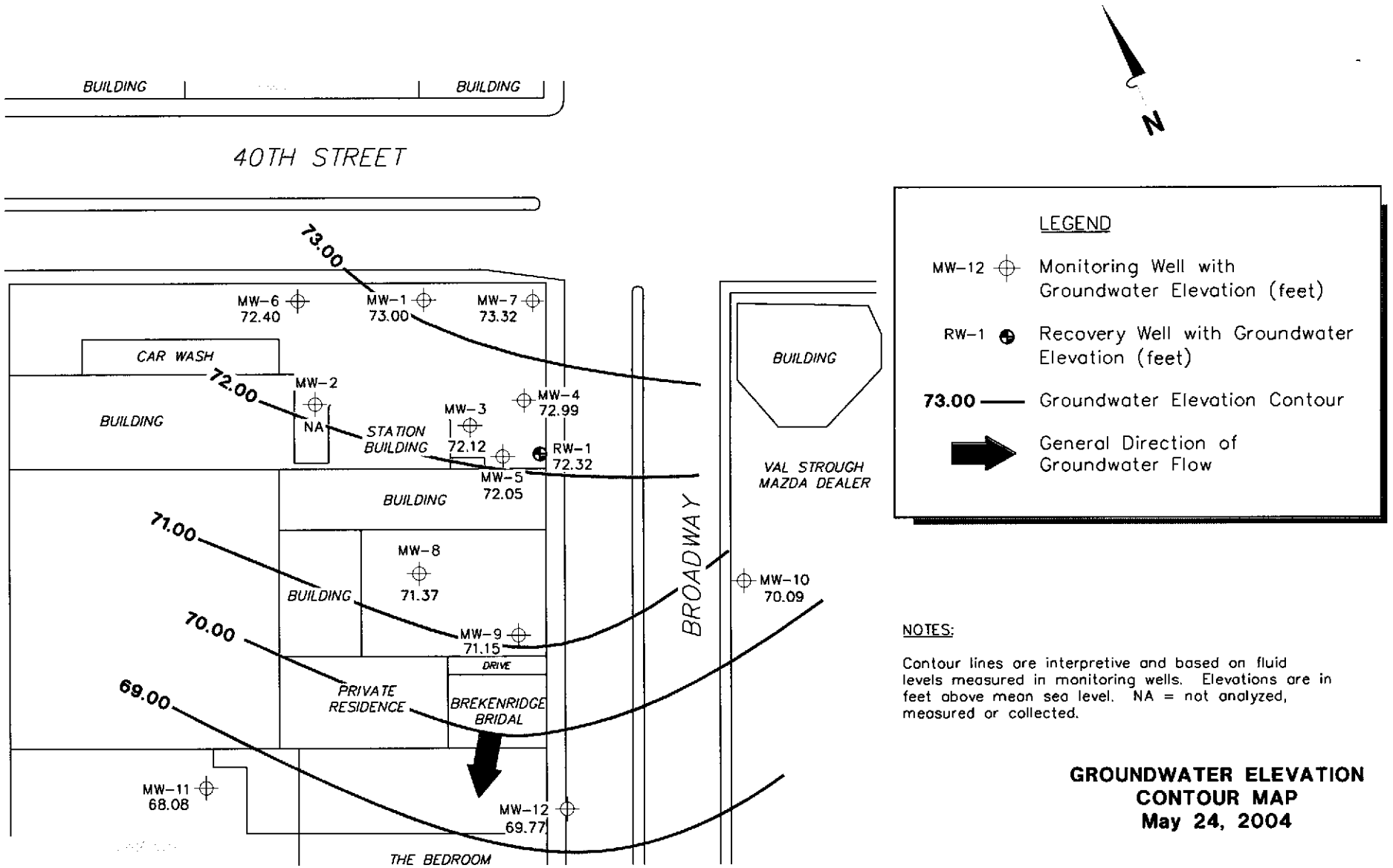
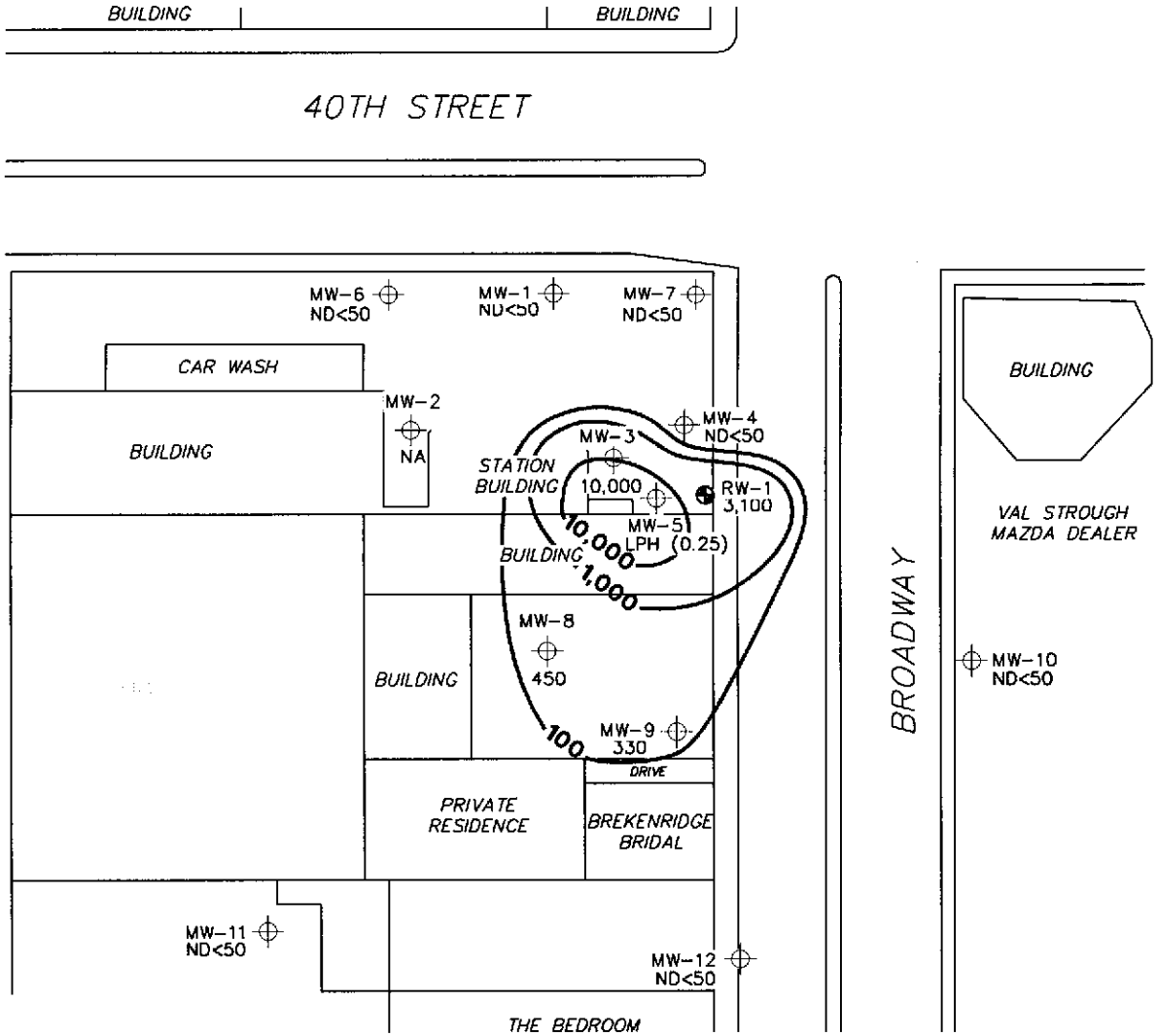

BUILDING
BUILDING
40TH STREET
73.00
MW-6
72.40
MW-1
73.00
MW-7
73.32
CAR WASH
72.00
MW-2
NA
BUILDING
STATION
BUILDING
MW-3
72.12
MW-4
72.99
RW-1
72.32
MW-5
72.05
BUILDING
BUILDING
71.00
MW-8
71.37
BUILDING
MW-9
71.15
70.00
DRIVE
PRIVATE
RESIDENCE
BREKENRIDGE
BRIDAL
69.00
MW-11
68.08
MW-12
69.77
THE BEDROOM
BROADWAY
BUILDING
VAL STROUGH
MAZDA DEALER
MW-10
70.09
N
LEGEND
MW-12 Monitoring Well with Groundwater Elevation (feet)
RW-1 Recovery Well with Groundwater Elevation (feet)
73.00 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. NA = not analyzed, measured or collected.
GROUNDWATER ELEVATION
CONTOUR MAP
May 24, 2004
76 Station 0746
3943 Broadway
Oakland, California
SCALE (FEET)
0
50
TRC
FIGURE 2
PS=1:1 0746-003
Graphics on Ir1(I:)\GRAPHICS\Projects By...\20-xxxx\20-0400\x-0000\0746+\0746qms.dwg 6/18/04 bbs



N

LEGEND

MW-12 ⊕ Monitoring Well with Dissolved-Phase TPPH Concentration (µg/l) or LPH Thickness (feet)

RW-1 ◔ Recovery Well with Dissolved-Phase TPPH Concentration (µg/l) or LPH Thickness (feet)

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

NOTES:

Contour lines are interpretive and based on laboratory analysis results of groundwater samples.
TPPH = total purgeable petroleum hydrocarbons.
µg/l = micrograms per liter. ND = not detected at limit indicated on official laboratory report.
Results obtained using EPA Method 8260B.
NA = not analyzed, measured or collected.
LPH = liquid-phase hydrocarbons.

DISSOLVED-PHASE TPPH CONCENTRATION MAP
May 24, 2004

76 Station 0746
3943 Broadway
Oakland, California

SCALE (FEET)
0 50

FIGURE 3

TRC

PS=1:1 0746-003

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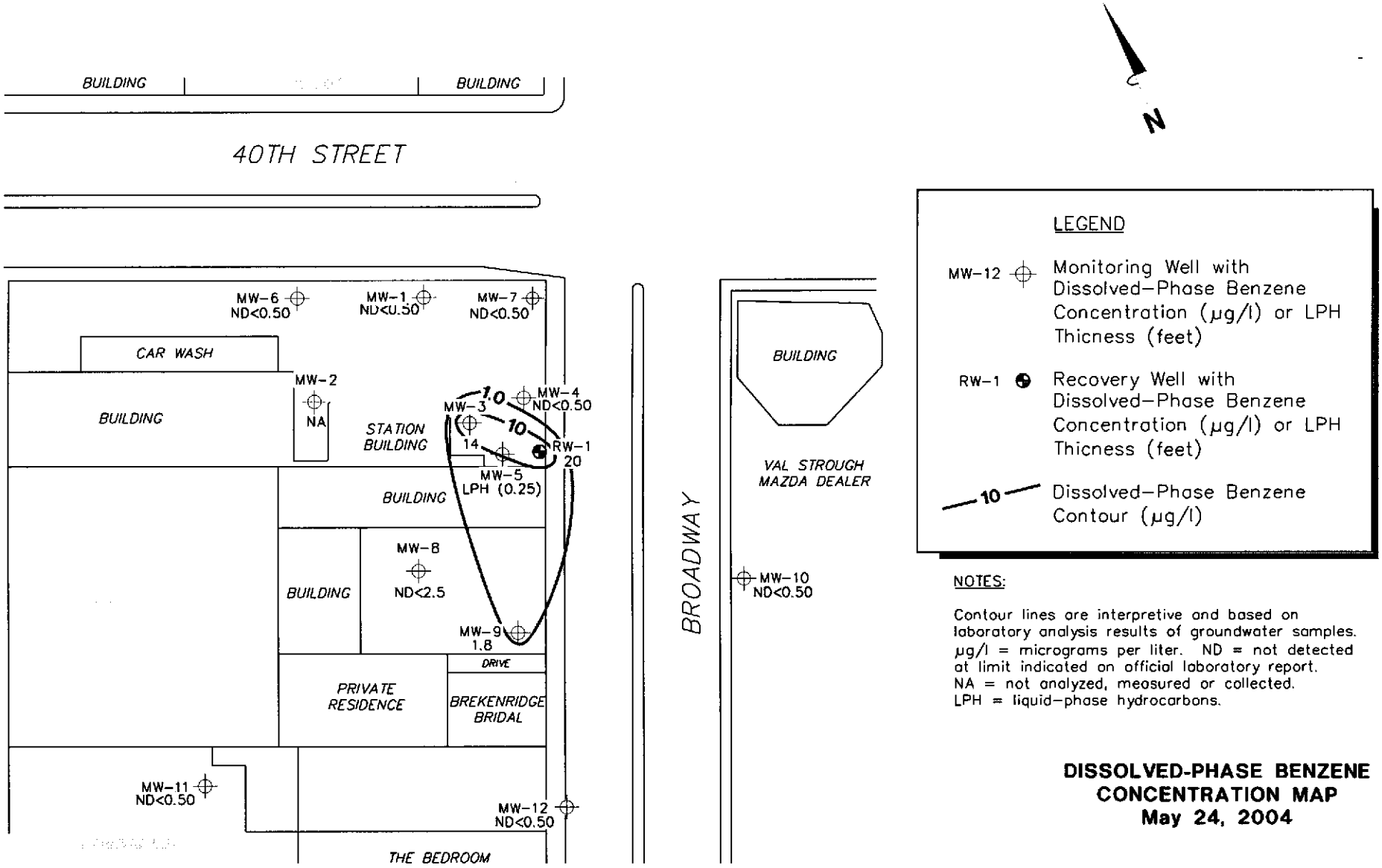

DISSOLVED-PHASE BENZENE CONCENTRATION MAP
May 24, 2004

76 Station 0746
3943 Broadway
Oakland, California

TRC

FIGURE 4

PS=1:1 0746-003

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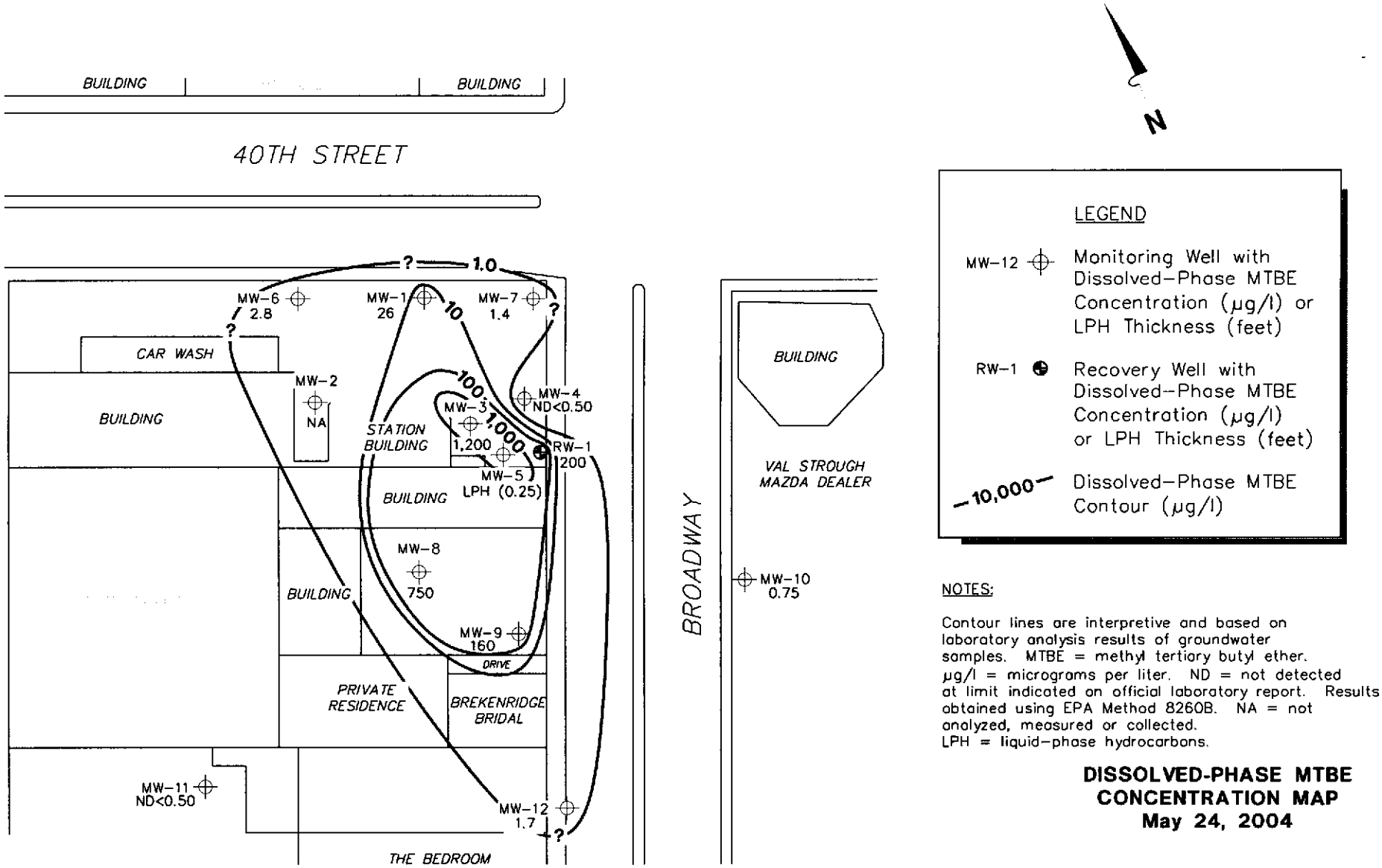


NOTES:

Contour lines are interpretive and based on laboratory analysis results of groundwater samples. MTBE = methyl tertiary butyl ether. µg/l = micrograms per liter. ND = not detected at limit indicated on official laboratory report. Results obtained using EPA Method 8260B. NA = not analyzed, measured or collected. LPH = liquid-phase hydrocarbons.

DISSOLVED-PHASE MTBE CONCENTRATION MAP
May 24, 2004

76 Station 0746
3943 Broadway
Oakland, California

FIGURE 5

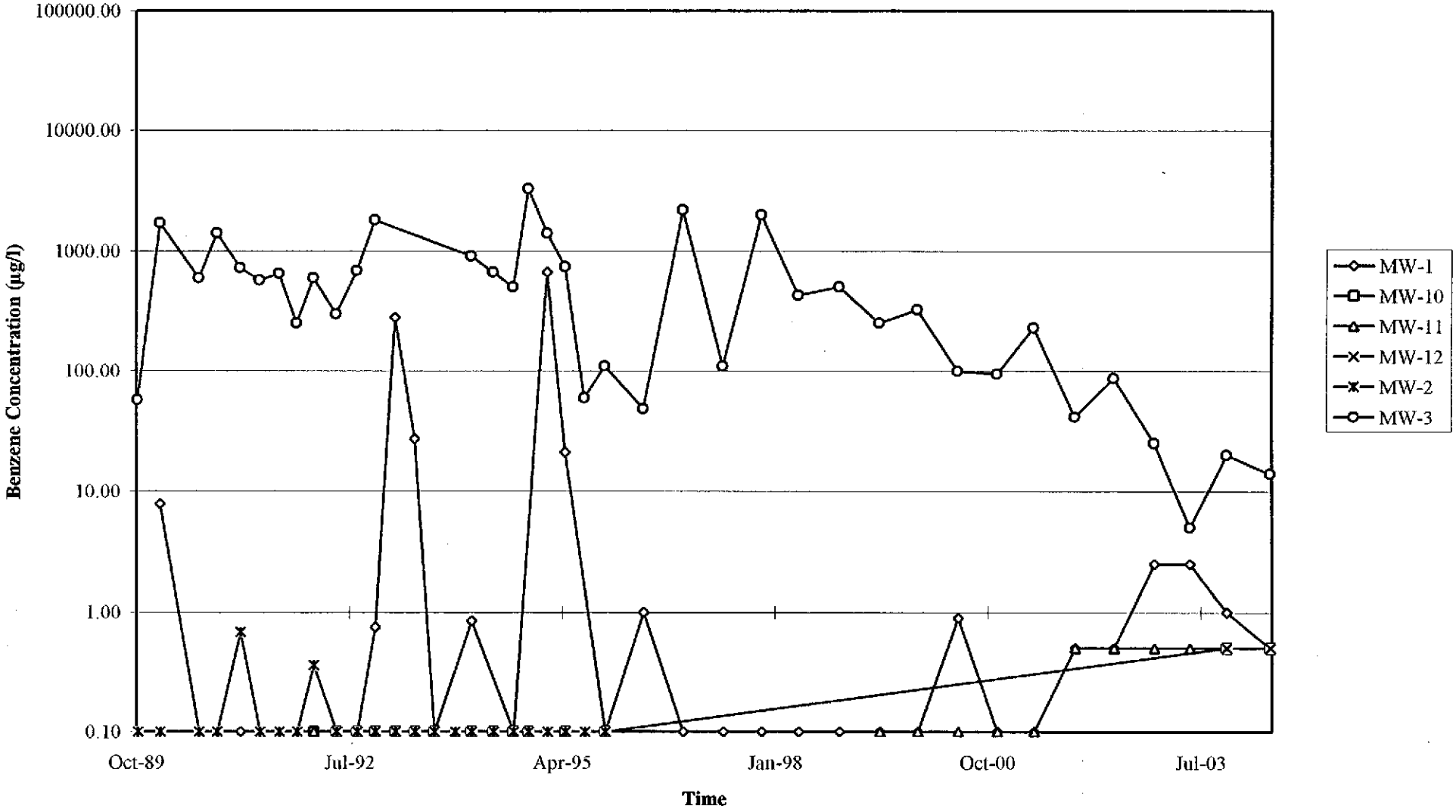
TRC

PS=1:1 0746-003

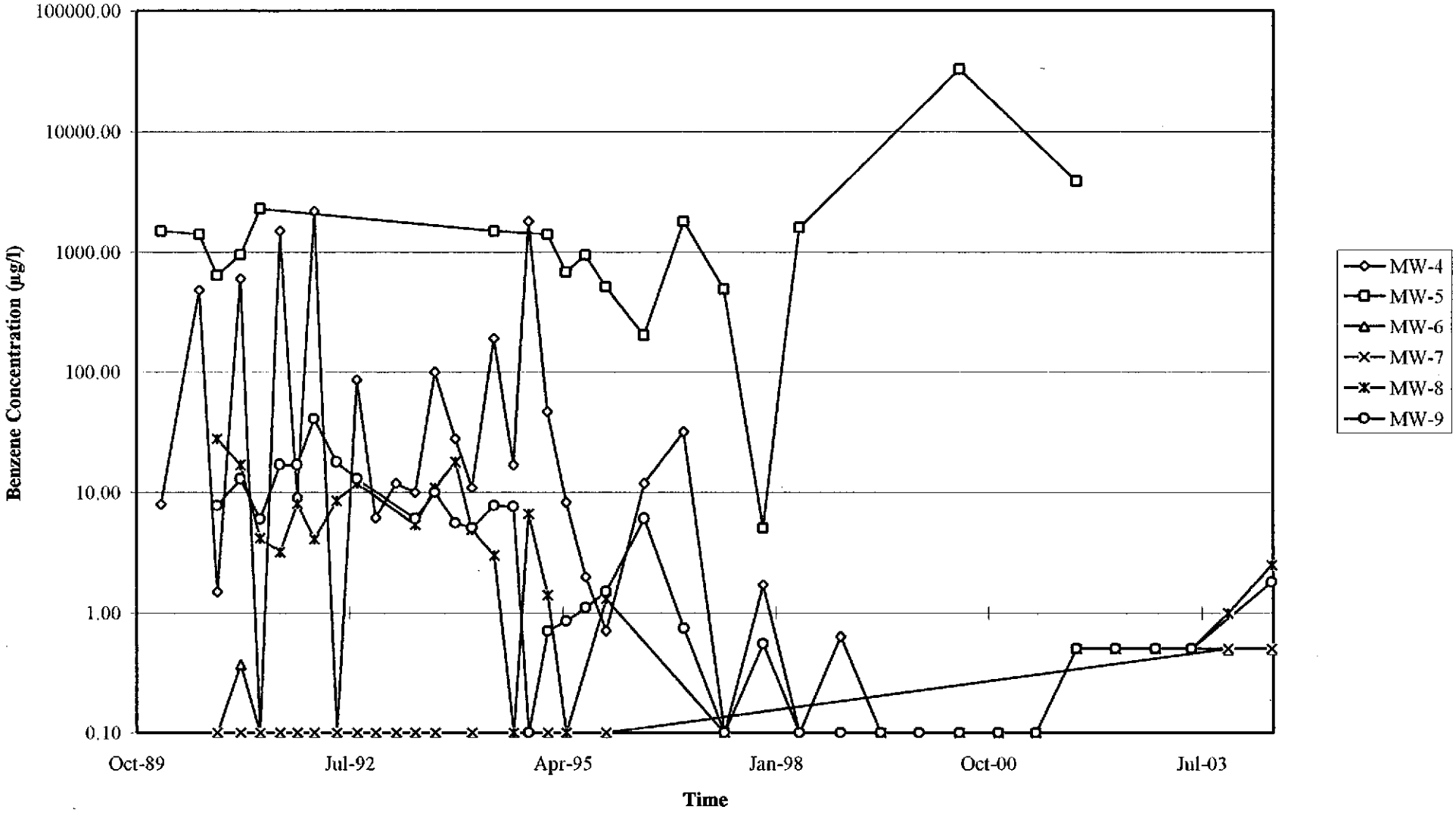
Graphics on Ir1(I:)\GRAPHICS\Projects By...\20-xxxx\20-0400\x-0000\0746+\0746qms.dwg 6/18/04 bbs

GRAPHS

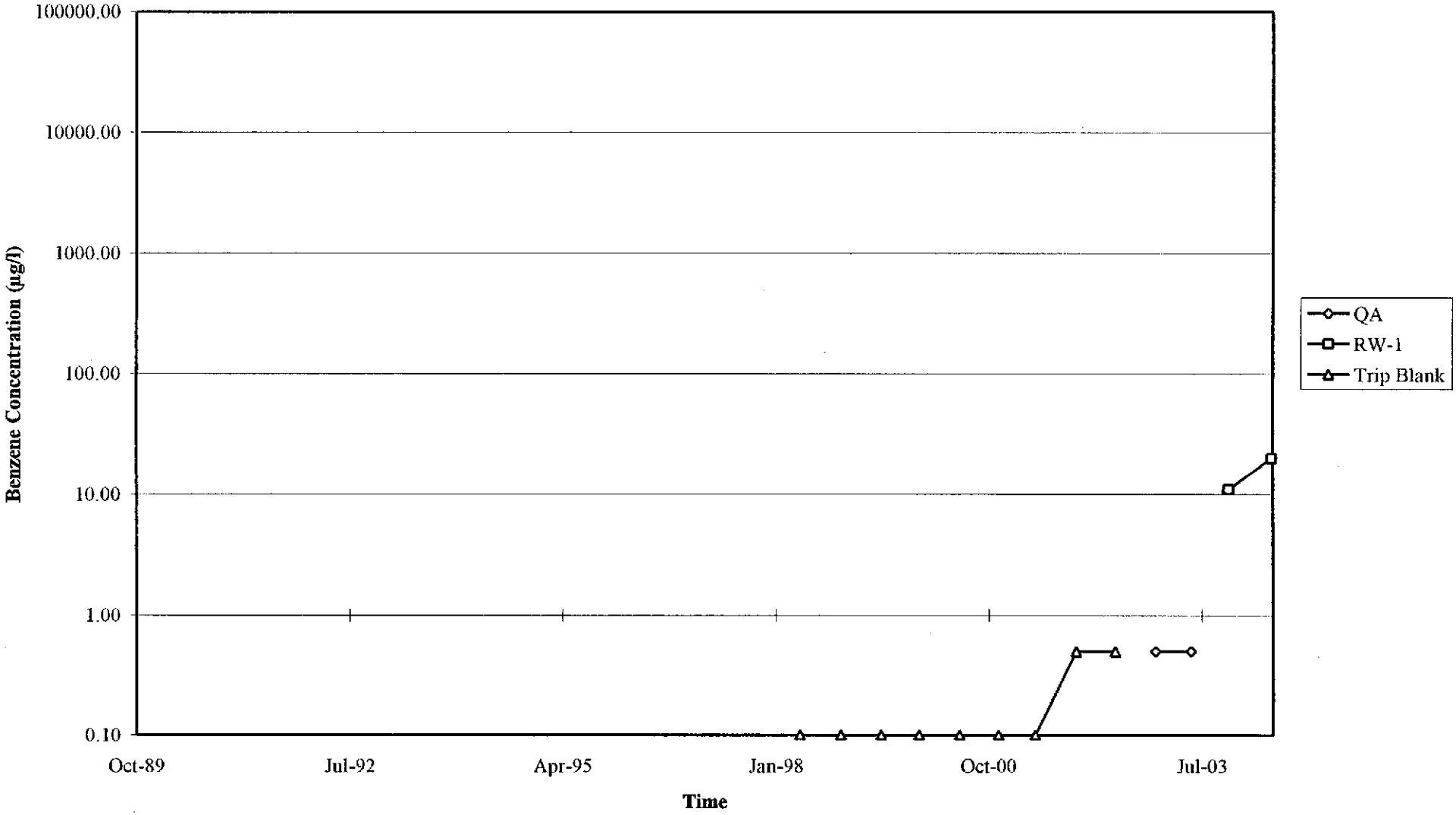
Graph 1
Benzene Concentrations vs. Time
76 Station 0746



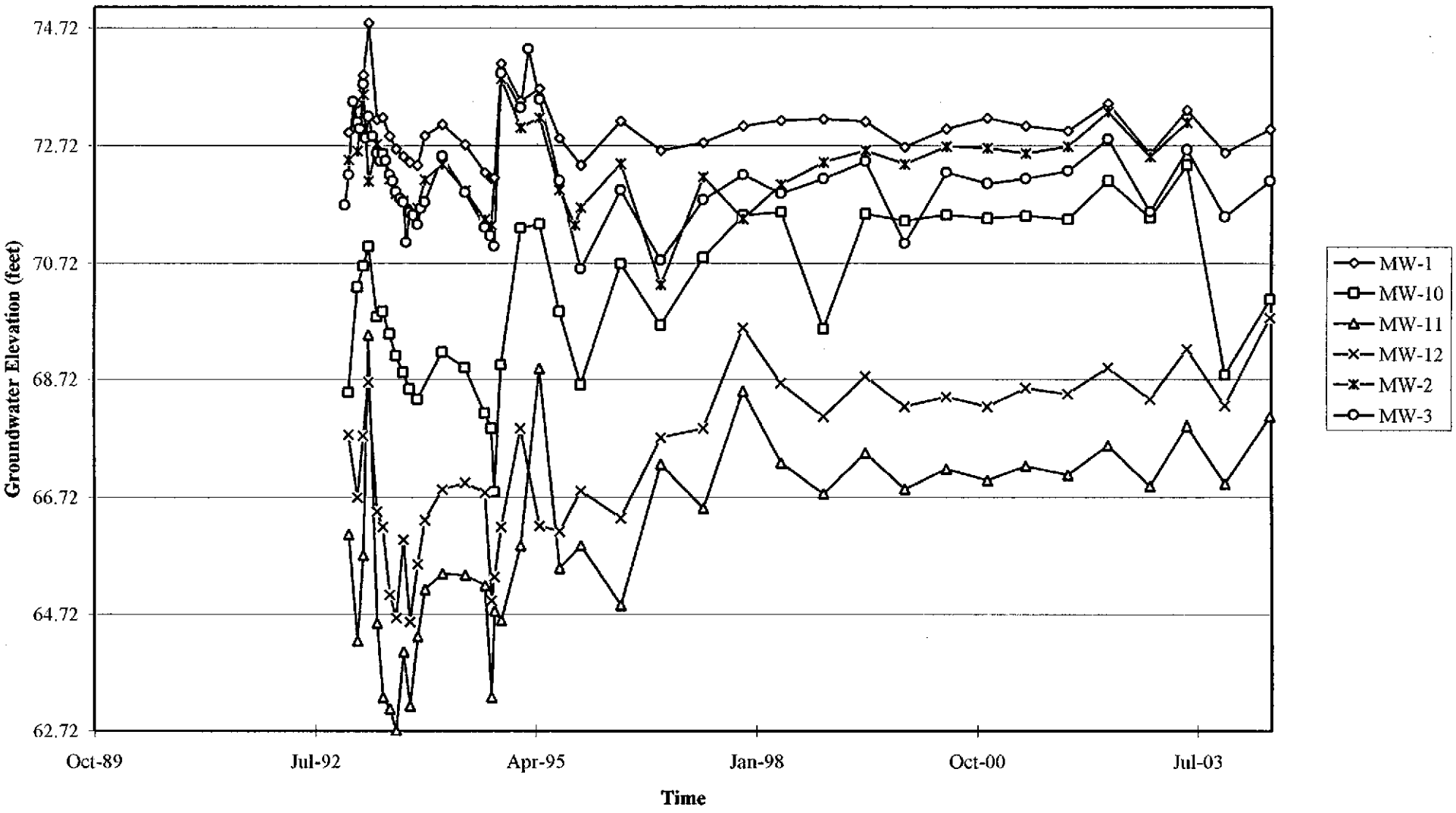
Graph 2
Benzene Concentrations vs. Time
76 Station 0746



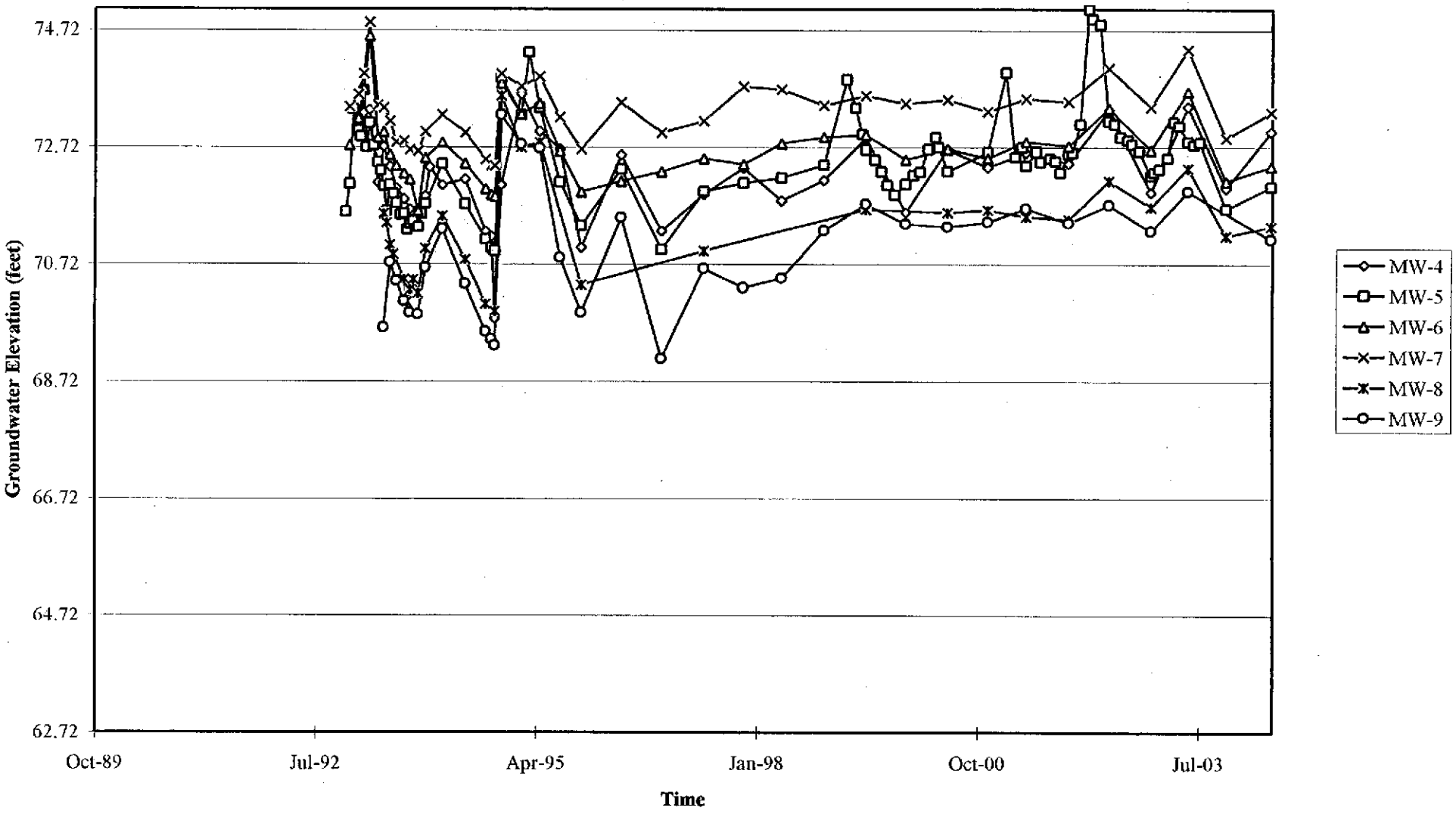
Graph 3
Benzene Concentrations vs. Time
76 Station 0746



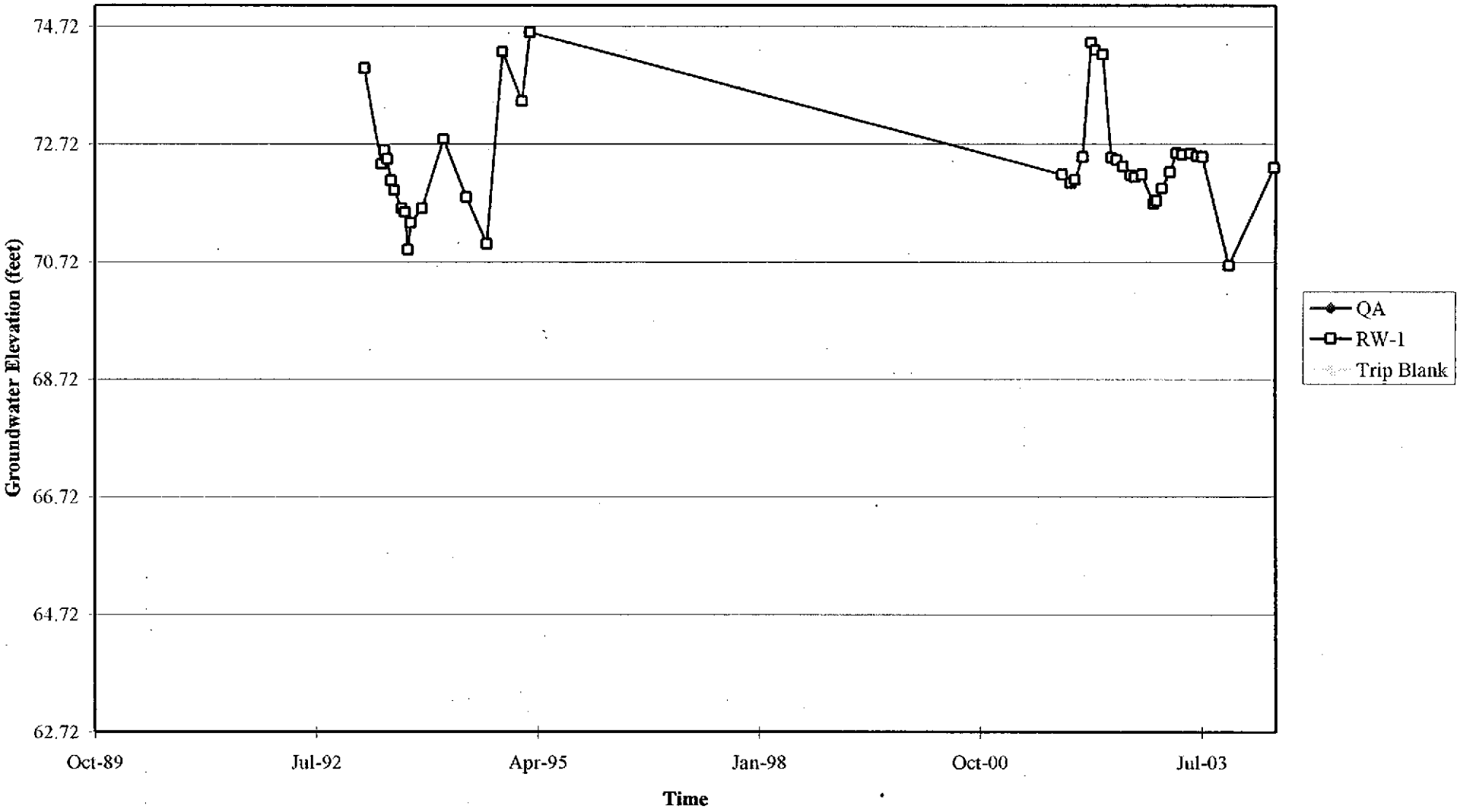
Graph 4
Hydrograph
76 Station 0746



Graph 5
Hydrograph
76 Station 0746



Graph 6
Hydrograph
76 Station 0746



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.

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.

FIELD MONITORING DATA SHEET

Technician: JEREMY Job #/Task #: 410500001 / A120 Date: 5/24/04

Site # 0746 Project Manager A. COLLINS Page 1 of 1

Well #	Grade	TOC	Total Depth	Depth to Water	Depth to Product	Product Thickness (feet)	Time Sampled	Misc. Well Notes
MW-9		✓	21.62	9.38	Ø	Ø	0944	2" 2/2 stuck
MW-7		✓	19.90	8.32	Ø	Ø	0654	2" Cap broken
MW-11		✓	19.92	8.49	Ø	Ø	1037	2"
MW-11		✓	19.65	10.10	Ø	Ø	0921	2" 1/2 Bolt missing.
MW-10		✓	21.94	11.52	Ø	Ø	1024	2"
MW-6		✓	19.48	7.54	Ø	Ø	0727	2"
MW-12		✓	17.53	9.84	Ø	Ø	0858	2"
MW-1		✓	19.53	7.54	Ø	Ø	0744	2"
MW-8		✓	21.47	10.04	Ø	Ø	1002	2"
MW-2		—	—	—	—	—	—	bolts stripped, cannot remove
RW-1		✓	16.06	8.21	Ø	Ø	1044	6"
MW-3		✓	22.33	9.29	Ø	Ø	0824	2"
MW-5		✓	19.73	9.33	9.08	.25	N/S	2" Skimmer @ 5.85

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

MANUAL PUMP/BAIL OUT SHEET

Site # : 0746 Project #: 4105003/FM23 Date: 6/8/14

Technician: JACK Page #: 1 of 1

Monitoring Data Before Pump/Bail Out

Well Number MW-5
Depth to Product 9.13
Depth to Water 9.42
Total Depth of Well 19.72
Feet of Total Fluid in Well 10.59
Thickness of Product (ft.) 0.29
Well Diameter (in.) 2"
One Well Volume (gal.) 2

Pump/Bail One Well Volume

Water Recovered (gal.) 1.95
Product Recovered (gal.) 0.05
THICKNESS OF PRODUCT x (0.67 FOR 4" CASING) OR (0.17 FOR 2" CASING) OR (1.5 FOR 6" CASING)
Time Required for Purge 2 MINS
Comments: BAILED DRY

Monitoring Data Before Pump/Bail Out

Well Number
Depth to Product
Depth to Water
Total Depth of Well
Feet of Total Fluid in Well
Thickness of Product (ft.)
Well Diameter (in.)
One Well Volume (gal.)

Pump/Bail One Well Volume

Water Recovered (gal.)
Product Recovered (gal.)
THICKNESS OF PRODUCT x (0.67 FOR 4" CASING) OR (0.17 FOR 2" CASING) OR (1.5 FOR 6" CASING)
Time Required for Purge
Comments:

Monitoring Data Before Pump/Bail Out

Well Number RW-1
Depth to Product Ø
Depth to Water 8.39
Total Depth of Well 16.07
Feet of Total Fluid in Well Ø
Thickness of Product (ft.) Ø
Well Diameter (in.) 6"
One Well Volume (gal.) Ø

Pump/Bail One Well Volume

Water Recovered (gal.) Ø
Product Recovered (gal.) Ø
THICKNESS OF PRODUCT x (0.67 FOR 4" CASING) OR (0.17 FOR 2" CASING) OR (1.5 FOR 6" CASING)
Time Required for Purge —
Comments: NO SHEEN/NO PRODUCT

Monitoring Data Before Pump/Bail Out

Well Number
Depth to Product
Depth to Water
Total Depth of Well
Feet of Total Fluid in Well
Thickness of Product (ft.)
Well Diameter (in.)
One Well Volume (gal.)

Pump/Bail One Well Volume

Water Recovered (gal.)
Product Recovered (gal.)
THICKNESS OF PRODUCT x (0.67 FOR 4" CASING) OR (0.17 FOR 2" CASING) OR (1.5 FOR 6" CASING)
Time Required for Purge
Comments:

Fluids from all of todays Manual Pump/Bail Outs were pumped into:

1) The ARS ☐ 2) Properly Labeled Drums ☒ 3) Other ☐ _____

GROUNDWATER SAMPLING FIELD NOTES

Technician: Jeremy

Site: 0746 Project No.: 41050001 FA20 Date: 5/24/04

Well No.: MW-08 Purge Method: DIA

Depth to Water (feet): 10.04 Depth to Product (feet): 0

Total Depth (feet): 21.17 LPH & Water Recovered (gallons): 0

Water Column (feet): 11.13 Casing Diameter (Inches): 2"

80% Recharge Depth (feet): 12.27 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.
0954			2	483	18.1	6.63		
			4	526	17.9	6.65		
	0959		6	548	17.8	6.69		

Static at Time Sampled	Total Gallons Purged	Time Sampled
1220	6	1002

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)	Conduc-tivity (uS/cm)	Temperature (F, C)	pH	Turbidity	D.O.

Static at Time Sampled	Total Gallons Purged	Time Sampled

Comments:

GROUNDWATER SAMPLING FIELD NOTES

Technician: Jeremy

Site: 6746 Project No.: 21050001 / AA20 Date: 5/24/04

Well No.: MW-11 Purge Method: DIA

Depth to Water (feet): 10.10 Depth to Product (feet): 0

Total Depth (feet): 19.05 LPH & Water Recovered (gallons): 0

Water Column (feet): 8.95 Casing Diameter (Inches): 2"

80% Recharge Depth (feet): 11.89 1 Well Volume (gallons): 1

Time Start	Time Stop	Depth To Water (feet)	Volume Purged (gallons)	Conduc-tivity (uS/cm)	Temperature (F, C)	pH	Turbidity	D.O.
0913			1	692	18.5	6.81		
			2	640	18.6	6.66		
	0916		3	635	18.9	6.64		

Static at Time Sampled	Total Gallons Purged	Time Sampled
11.81	3	0924

Comments:

Well No.: MW-9 Purge Method: DIA.

Depth to Water (feet): 9.38 Depth to Product (feet): 0

Total Depth (feet): 21.62 LPH & Water Recovered (gallons): 0

Water Column (feet): 12.24 Casing Diameter (Inches): 2"

80% Recharge Depth (feet): 11.83 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.
0932			2	439	18.4	6.53		
			4	446	18.5	6.55		
	0937		6	520	18.5	6.57		

Static at Time Sampled	Total Gallons Purged	Time Sampled
10.05	6	1944

Comments:

GROUNDWATER SAMPLING FIELD NOTES

Technician: Jeremy Kearns

Site: 0742 Project No.: 41050001 FA20 Date: 5/24/04

Well No.: MW-12 Purge Method: DIA

Depth to Water (feet): 9.84 Depth to Product (feet): 0

Total Depth (feet): 17.53 LPH & Water Recovered (gallons): 0

Water Column (feet): 7.69 Casing Diameter (Inches): 2"

80% Recharge Depth (feet): 11.38 1 Well Volume (gallons): 1

Time Start	Time Stop	Depth To Water (feet)	Volume Purged (gallons)	Conduc-tivity (uS/cm)	Temperature (F (C))	pH	Turbidity	D.O.
0850		'	1	548	18.5	6.84		
			2	534	19.0	6.78		
	0853		3	540	19.2	6.82		

Static at Time Sampled	Total Gallons Purged	Time Sampled
10.72	3	0858

Comments:

Well No.: MW-1 Purge Method: DIA

Depth to Water (feet): 7.54 Depth to Product (feet): 0

Total Depth (feet): 19.53 LPH & Water Recovered (gallons): 0

Water Column (feet): 11.99 Casing Diameter (Inches): 2"

80% Recharge Depth (feet): 9.94 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.
0736			2	745	19.0	6.69		
			4	623	20.1	6.74		
	0740		6	582	20.3	6.77		

Static at Time Sampled	Total Gallons Purged	Time Sampled
7.67	6	0744

Comments:

GROUNDWATER SAMPLING FIELD NOTES

Technician: JEREMY

Site: 0746 Project No.: 41050001 / FA20 Date: 5/24/04

Well No.: MW-6 Purge Method: DIA

Depth to Water (feet): ~~7.52~~ 7.52 Depth to Product (feet): 0

Total Depth (feet): ~~19.48~~ 19.48 LPH & Water Recovered (gallons): 0

Water Column (feet): ~~11.96~~ 11.96 Casing Diameter (Inches): 2"

80% Recharge Depth (feet): ~~9.91~~ 9.91 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.
0717			2	751	20.0	6.51		
			4	~~779~~ 778	20.4	6.46		
	0721		6	782	20.5	6.45		

Static at Time Sampled	Total Gallons Purged	Time Sampled
8.54	6	0727

Comments:

Well No.: MW-10 Purge Method: DIA

Depth to Water (feet): ~~11.52~~ 11.52 Depth to Product (feet): 0

Total Depth (feet): ~~21.94~~ 21.94 LPH & Water Recovered (gallons): 0

Water Column (feet): 10.42 Casing Diameter (Inches): 2"

80% Recharge Depth (feet): 12.32 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.
~~1017~~ 1011			2	602	19.0	6.99		
			4	590	19.3	6.86		
	1018		6	650	19.4	6.86		

Static at Time Sampled	Total Gallons Purged	Time Sampled
12.24	6	1024

Comments:

GROUNDWATER SAMPLING FIELD NOTES

Technician: J KEARNS

Site: 6746 Project No.: 41050001 | FAZO Date: 5/24/04

Well No.: MW-7 Purge Method: DIA

Depth to Water (feet): 8.32 Depth to Product (feet): Ø

Total Depth (feet): 19.90 LPH & Water Recovered (gallons): Ø

Water Column (feet): 11.58 Casing Diameter (Inches): 2"

80% Recharge Depth (feet): 10.64 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.
0642			2	586	19.5	7.00		
			4	587	20.5	6.80		
	0647		6	589	20.8	6.78		

Static at Time Sampled	Total Gallons Purged	Time Sampled
9.14	6	0654

Comments:

Well No.: MW-4 Purge Method: DIA

Depth to Water (feet): 8.42 Depth to Product (feet): Ø

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

Water Column (feet): 11.50 Casing Diameter (Inches): 2"

80% Recharge Depth (feet): 10.72 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.
0702			2	866	19.1	6.79		
			4	865	19.3	6.84		
	0707		6	864	19.4	6.87		

Static at Time Sampled	Total Gallons Purged	Time Sampled
11.19	6.	1037

Comments: DID NOT RECHARGE TO 80% IN 2 HRS.

GROUNDWATER SAMPLING FIELD NOTES

Technician: JEREMY K.

Site: 0746 Project No.: 41050001/FAZU Date: 5/24/04

Well No.: RW-1 Purge Method:

Depth to Water (feet): 8.31 Depth to Product (feet):

Total Depth (feet): 16.06 LPH & Water Recovered (gallons):

Water Column (feet): 7.75 Casing Diameter (Inches):

80% Recharge Depth (feet): 9.86 1 Well Volume (gallons): 12

Time Start	Time Stop	Depth To Water (feet)	Volume Purged (gallons)	Conduc-tivity (uS/cm)	Temperature (F.C)	pH	Turbidity	D.O.
0758	0805		12	610	18.8	6.63		
0831			24	627	18.6	6.77		
	0845		36	628	18.7	6.81		

Static at Time Sampled	Total Gallons Purged	Time Sampled
9.28	36	1044

Comments: Went dry @ 17 gal

Well No.: MW-3 Purge Method: H.B.

Depth to Water (feet): ~~5.29~~ Depth to Product (feet):

Total Depth (feet): 22.33 LPH & Water Recovered (gallons):

Water Column (feet): 13.04 Casing Diameter (Inches): 2"

80% Recharge Depth (feet): 11.90 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
0809			2	715	19.1	6.42		
			4	695	19.1	6.57		
	0818		6	668	19.1	6.58		

Static at Time Sampled	Total Gallons Purged		Time Sampled
11.49		6	0824

Comments:

MANUAL PUMP/BAIL OUT SHEET

Site # : 0746 Project #: 41050001 Date: 05-24-04

Technician: Jeremy Kearns Page #: 1 of 1

Monitoring Data Before Pump/Bail Out

Well Number: MW-5
Depth to Product: 9.08
Depth to Water: 9.33
Total Depth of Well: 19.73
Feet of Total Fluid in Well: 10.65
Thickness of Product (ft.): .25
Well Diameter (in.): 2"
One Well Volume (gal.): ~2

Pump/Bail One Well Volume

Water Recovered (gal.): ~1.95
Product Recovered (gal.): ~.05

THICKNESS OF PRODUCT x (0.67 FOR 4" CASING) OR (0.17 FOR 2" CASING) OR (1.5 FOR 6" CASING)

Time Required for Purge: 10 min
Comments: Skimmer ~.24 gal H_2O, .01 gal LPH

Monitoring Data Before Pump/Bail Out

Well Number:
Depth to Product:
Depth to Water:
Total Depth of Well:
Feet of Total Fluid in Well:
Thickness of Product (ft.):
Well Diameter (in.):
One Well Volume (gal.):

Pump/Bail One Well Volume

Water Recovered (gal.):
Product Recovered (gal.):

THICKNESS OF PRODUCT x (0.67 FOR 4" CASING) OR (0.17 FOR 2" CASING) OR (1.5 FOR 6" CASING)

Time Required for Purge:
Comments:

Monitoring Data Before Pump/Bail Out

Well Number:
Depth to Product:
Depth to Water:
Total Depth of Well:
Feet of Total Fluid in Well:
Thickness of Product (ft.):
Well Diameter (in.):
One Well Volume (gal.):

Pump/Bail One Well Volume

Water Recovered (gal.):
Product Recovered (gal.):

THICKNESS OF PRODUCT x (0.67 FOR 4" CASING) OR (0.17 FOR 2" CASING) OR (1.5 FOR 6" CASING)

Time Required for Purge:
Comments:

Monitoring Data Before Pump/Bail Out

Well Number:
Depth to Product:
Depth to Water:
Total Depth of Well:
Feet of Total Fluid in Well:
Thickness of Product (ft.):
Well Diameter (in.):
One Well Volume (gal.):

Pump/Bail One Well Volume

Water Recovered (gal.):
Product Recovered (gal.):

THICKNESS OF PRODUCT x (0.67 FOR 4" CASING) OR (0.17 FOR 2" CASING) OR (1.5 FOR 6" CASING)

Time Required for Purge:
Comments:

Fluids from all of todays Manual Pump/Bail Outs were pumped into:

1) The ARS ☐ 2) Properly Labeled Drums ☑ 3) Other ☒ gas can

STATEMENT OF NON-COMPLETION OF JOB

DATE OF EVENT: 5/24/04 STATION NUMBER: 0746

NAME OF TECH: JEREMY CALLED GORDON: _____

CALLED PM: _____ NAME OF PM CALLED: _____

WELL NUMBER: MW-2 STATEMENT FROM PM _____ OR TECH X

COULD NOT UNTHREAD BOLTS, STRIPPED. COULDN'T GAUGE, PURGE, OR SAMPLE WELL

WELL NUMBER: _____ STATEMENT FROM PM _____ OR TECH _____

WELL NUMBER: _____ STATEMENT FROM PM _____ OR TECH _____

WELL NUMBER: _____ STATEMENT FROM PM _____ OR TECH _____

PAGE _____

FIELD MONITORING DATA SHEET

TRC

Technician: R. Cormier ~~0744~~ Job #/Task #: 410500-01 Date: 10-15-03

Site # 0746 Project Manager Kathy DesKin Page 1 of 1

Well #	Grade	TOC	Total Depth	Depth to Water	Depth to Product	Product Thickness (feet)	Time Sampled	Misc. Well Notes
MW-5	~~0~~	X	19.73	10.01	9.50	.51	~~0~~	2" Pump out well only
RW-1		X	16.05	5.94	~~0~~	~~0~~	N/A	6"

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

WTT CERTIFICATE / MANIFEST / DRUM INVENTORY / TRAFFIC CONTROL

MANUAL PUMP/BAIL OUT SHEET

Site #: 6746 Project #: 410500-01 Date: 10-15-03

Technician: R. Cormier Page #: 1 of 1

Monitoring Data Before Pump/Bail Out

Well Number: MW-5

Depth to Product: 9.50

Depth to Water: 10.01

Total Depth of Well: 19.73

Feet of Total Fluid in Well: 10.23

Thickness of Product (ft.): .51

Well Diameter (in.): 2"

One Well Volume (gal.): 2

Pump/Bail One Well Volume

Water Recovered (gal.): ~~1.92~~ mk 1.91

Product Recovered (gal.): mk ~~.08~~ 0.09

THICKNESS OF PRODUCT x (0.67 FOR 4" CASING) OR (0.17 FOR 2" CASING) OR (1.5 FOR 6" CASING)

Time Required for Purge:

Comments: Skimmed product into gas can

Monitoring Data Before Pump/Bail Out

Well Number:

Depth to Product:

Depth to Water:

Total Depth of Well:

Feet of Total Fluid in Well:

Thickness of Product (ft.):

Well Diameter (in.):

One Well Volume (gal.):

Pump/Bail One Well Volume

Water Recovered (gal.):

Product Recovered (gal.):

THICKNESS OF PRODUCT x (0.67 FOR 4" CASING) OR (0.17 FOR 2" CASING) OR (1.5 FOR 6" CASING)

Time Required for Purge:

Comments:

Monitoring Data Before Pump/Bail Out

Well Number:

Depth to Product:

Depth to Water:

Total Depth of Well:

Feet of Total Fluid in Well:

Thickness of Product (ft.):

Well Diameter (in.):

One Well Volume (gal.):

Pump/Bail One Well Volume

Water Recovered (gal.):

Product Recovered (gal.):

THICKNESS OF PRODUCT x (0.67 FOR 4" CASING) OR (0.17 FOR 2" CASING) OR (1.5 FOR 6" CASING)

Time Required for Purge:

Comments:

Monitoring Data Before Pump/Bail Out

Well Number:

Depth to Product:

Depth to Water:

Total Depth of Well:

Feet of Total Fluid in Well:

Thickness of Product (ft.):

Well Diameter (in.):

One Well Volume (gal.):

Pump/Bail One Well Volume

Water Recovered (gal.):

Product Recovered (gal.):

THICKNESS OF PRODUCT x (0.67 FOR 4" CASING) OR (0.17 FOR 2" CASING) OR (1.5 FOR 6" CASING)

Time Required for Purge:

Comments:

Fluids from all of todays Manual Pump/Bail Outs were pumped into:

1) The ARS ☐ 2) Properly Labeled Drums ☒ 3) Other ☐ ____________

FIELD MONITORING DATA SHEET

TRC

Technician: JEREMY K Job #/Task #: 410500-01 Date: 11-21-03

Site # 0746 Project Manager KATHIE DESKIN Page 1 of 1

Well #	Grade	TOC	Total Depth	Depth to Water	Depth to Product	Product Thickness (feet)	Time Sampled	Misc. Well Notes
RW-1		✓	16.03	8.66	~~0~~	~~0~~	N/A	6" NO SKIMMER
MW-5		✓	19.74	9.56	9.37	0.19	N/A	2" W/ SKIMMER

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

MANUAL PUMP/BAIL OUT SHEET

Site #: 0746 Project #: 41052001 Date: 12/18/03

Technician: Wade F. Page #: 1 of 1

Monitoring Data Before Pump/Bail Out

Well Number: MW-5
Depth to Product: 8.65
Depth to Water: 8.79
Total Depth of Well: 19.74
Feet of Total Fluid in Well: 10.95
Thickness of Product (ft.): .14
Well Diameter (in.): 2
One Well Volume (gal.): 2

Pump/Bail One Well Volume

Water Recovered (gal.): 1.98
Product Recovered (gal.): .02
THICKNESS OF PRODUCT x (0.67 FOR 4" CASING) OR (0.17 FOR 2" CASING) OR (1.5 FOR 6" CASING)
Time Required for Purge: 0512
Comments: —

Monitoring Data Before Pump/Bail Out

Well Number: RW-1
Depth to Product: 0
Depth to Water: 7.90
Total Depth of Well: 16.05
Feet of Total Fluid in Well: —
Thickness of Product (ft.): 0
Well Diameter (in.): 8
One Well Volume (gal.): —

Pump/Bail One Well Volume

Water Recovered (gal.): —
Product Recovered (gal.): —
THICKNESS OF PRODUCT x (0.67 FOR 4" CASING) OR (0.17 FOR 2" CASING) OR (1.5 FOR 6" CASING)
Time Required for Purge: —
Comments: NO PRODUCT

Monitoring Data Before Pump/Bail Out

Well Number:
Depth to Product:
Depth to Water:
Total Depth of Well:
Feet of Total Fluid in Well:
Thickness of Product (ft.):
Well Diameter (in.):
One Well Volume (gal.):

Pump/Bail One Well Volume

Water Recovered (gal.):
Product Recovered (gal.):
THICKNESS OF PRODUCT x (0.67 FOR 4" CASING) OR (0.17 FOR 2" CASING) OR (1.5 FOR 6" CASING)
Time Required for Purge:
Comments:

Monitoring Data Before Pump/Bail Out

Well Number:
Depth to Product:
Depth to Water:
Total Depth of Well:
Feet of Total Fluid in Well:
Thickness of Product (ft.):
Well Diameter (in.):
One Well Volume (gal.):

Pump/Bail One Well Volume

Water Recovered (gal.):
Product Recovered (gal.):
THICKNESS OF PRODUCT x (0.67 FOR 4" CASING) OR (0.17 FOR 2" CASING) OR (1.5 FOR 6" CASING)
Time Required for Purge:
Comments:

Fluids from all of todays Manual Pump/Bail Outs were pumped into:

1) The ARS ☐ 2) Properly Labeled Drums ☒ 3) Other ☐ _____

FIELD MONITORING DATA SHEET

Technician: LYDELL Job #/Task #: 41050001 Date: 1/07/04

Site # 0746 Project Manager Kathie Deskin Page 1 of 1

Well #	Grade	TOC	Total Depth	Depth to Water	Depth to Product	Product Thickness (feet)	Time Sampled	Misc. Well Notes
MW-5		✓	19.73	7.84	7.79	.05	NIA	2"
RW-1		✓	16.03	6.96	0	0	NIA	6"

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

MANUAL PUMP/BAIL OUT SHEET

Site # : 0746 Project #: 4105200 Date: 01/07/04

Technician: LYDIA Page #: 1 of 1

Monitoring Data Before Pump/Bail Out

Well Number MW-5
Depth to Product 7.74
Depth to Water 7.89
Total Depth of Well 19.73
Feet of Total Fluid in Well ~~.05~~ 11.94
Thickness of Product (ft.) .05
Well Diameter (in.) 2"
One Well Volume (gal.) 2

Pump/Bail One Well Volume

Water Recovered (gal.) 1.99
Product Recovered (gal.) .01
THICKNESS OF PRODUCT x (0.67 FOR 4" CASING) OR (0.17 FOR 2" CASING) OR (1.5 FOR 6" CASING)
Time Required for Purge 05:36
Comments:

Monitoring Data Before Pump/Bail Out

Well Number RW-1
Depth to Product 0
Depth to Water 6.96
Total Depth of Well 16.03
Feet of Total Fluid in Well 9.07
Thickness of Product (ft.) 0
Well Diameter (in.) 6"
One Well Volume (gal.) —

Pump/Bail One Well Volume

Water Recovered (gal.) —
Product Recovered (gal.) —
THICKNESS OF PRODUCT x (0.67 FOR 4" CASING) OR (0.17 FOR 2" CASING) OR (1.5 FOR 6" CASING)
Time Required for Purge —
Comments:

Monitoring Data Before Pump/Bail Out

Well Number
Depth to Product
Depth to Water
Total Depth of Well
Feet of Total Fluid in Well
Thickness of Product (ft.)
Well Diameter (in.)
One Well Volume (gal.)

Pump/Bail One Well Volume

Water Recovered (gal.)
Product Recovered (gal.)
THICKNESS OF PRODUCT x (0.67 FOR 4" CASING) OR (0.17 FOR 2" CASING) OR (1.5 FOR 6" CASING)
Time Required for Purge
Comments:

Monitoring Data Before Pump/Bail Out

Well Number
Depth to Product
Depth to Water
Total Depth of Well
Feet of Total Fluid in Well
Thickness of Product (ft.)
Well Diameter (in.)
One Well Volume (gal.)

Pump/Bail One Well Volume

Water Recovered (gal.)
Product Recovered (gal.)
THICKNESS OF PRODUCT x (0.67 FOR 4" CASING) OR (0.17 FOR 2" CASING) OR (1.5 FOR 6" CASING)
Time Required for Purge
Comments:

Fluids from all of todays Manual Pump/Bail Outs were pumped into:

1) The ARS ☐ 2) Properly Labeled Drums ☒ 3) Other ☐

FIELD MONITORING DATA SHEET

Technician: AVEX Job #/Task #: 410500.01 / FA20 Date: 2-9-04

Site # 0746 Project Manager KATHIE DESKIN Page 1 of 1

Well #	Grade	TOC	Total Depth	Depth to Water	Depth to Product	Product Thickness (feet)	Time Sampled	Misc. Well Notes
MW-5		✓	19.75	8.37	8.31	.06	N/A	2" SKIMMER IS EMPTY
RW-1		✓	16.05	7.53	7.52	.01	N/A	6"

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

MANUAL PUMP/BAIL OUT SHEET

Site # : 0746 Project #: 4105001 Date: 2-9-04

Technician: ALEX Page #: 1 of 1

Monitoring Data Before Pump/Bail Out

Well Number: MW-5
Depth to Product: 8.31
Depth to Water: 8.37
Total Depth of Well: 19.75
Feet of Total Fluid in Well: 8.31
Thickness of Product (ft.): .06
Well Diameter (in.): 2"
One Well Volume (gal.): 2

Pump/Bail One Well Volume

Water Recovered (gal.): 1.99
Product Recovered (gal.): .01
THICKNESS OF PRODUCT x (0.67 FOR 4" CASING) OR (0.17 FOR 2" CASING) OR (1.5 FOR 6" CASING)
Time Required for Purge: 15 min
Comments: SKIMMER IS EMPTY

Monitoring Data Before Pump/Bail Out

Well Number: RW-1
Depth to Product: 7.52
Depth to Water: 7.53
Total Depth of Well: 16.05
Feet of Total Fluid in Well: 7.52
Thickness of Product (ft.): .01
Well Diameter (in.): 6"
One Well Volume (gal.): 13

Pump/Bail One Well Volume

Water Recovered (gal.): 12.99
Product Recovered (gal.): .01
THICKNESS OF PRODUCT x (0.67 FOR 4" CASING) OR (0.17 FOR 2" CASING) OR (1.5 FOR 6" CASING)
Time Required for Purge: 20 min.
Comments:

Monitoring Data Before Pump/Bail Out

Well Number:
Depth to Product:
Depth to Water:
Total Depth of Well:
Feet of Total Fluid in Well:
Thickness of Product (ft.):
Well Diameter (in.):
One Well Volume (gal.):

Pump/Bail One Well Volume

Water Recovered (gal.):
Product Recovered (gal.):
THICKNESS OF PRODUCT x (0.67 FOR 4" CASING) OR (0.17 FOR 2" CASING) OR (1.5 FOR 6" CASING)
Time Required for Purge:
Comments:

Monitoring Data Before Pump/Bail Out

Well Number:
Depth to Product:
Depth to Water:
Total Depth of Well:
Feet of Total Fluid in Well:
Thickness of Product (ft.):
Well Diameter (in.):
One Well Volume (gal.):

Pump/Bail One Well Volume

Water Recovered (gal.):
Product Recovered (gal.):
THICKNESS OF PRODUCT x (0.67 FOR 4" CASING) OR (0.17 FOR 2" CASING) OR (1.5 FOR 6" CASING)
Time Required for Purge:
Comments:

Fluids from all of todays Manual Pump/Bail Outs were pumped into:

1) The ARS ☐ 2) Properly Labeled Drums ☑ 3) Other ☐ _____

FIELD MONITORING DATA SHEET

Technician: Max Eckstein Job #/Task #: 410500001/FA20 Date: 3-24-09

Site # 0746 Project Manager Adrienne Rollins Page 1 of 1

Well #	Grade	TOC	Total Depth	Depth to Water	Depth to Product	Product Thickness (feet)	Time Sampled	Misc. Well Notes
MW-5			19.73	8.98	8.80	0.18	-	2"
RW-1			16.03	8.01	0	0	—	6"

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

MANUAL PUMP/BAIL OUT SHEET

Site #: 0746 Project #: 41050001/F120 Date: 3-24-04

Technician: Maxfield Page #: 1 of 1

Monitoring Data Before Pump/Bail Out

Well Number MW-5
Depth to Product 8.80
Depth to Water 8.98
Total Depth of Well 19.73
Feet of Total Fluid in Well 10.93
Thickness of Product (ft.) 0.18
Well Diameter (in.) 2"
One Well Volume (gal.) 1.75

Pump/Bail One Well Volume

Water Recovered (gal.) 1.72
Product Recovered (gal.) 0.03
THICKNESS OF PRODUCT x (0.67 FOR 4" CASING) OR (0.17 FOR 2" CASING) OR (1.5 FOR 6" CASING)
Time Required for Purge 4 min
Comments:

Monitoring Data Before Pump/Bail Out

Well Number RW-1
Depth to Product 0
Depth to Water ~~16~~ 8.01
Total Depth of Well 16.03
Feet of Total Fluid in Well 8.02
Thickness of Product (ft.) 0
Well Diameter (in.) 6"
One Well Volume (gal.) 12.00

Pump/Bail One Well Volume

Water Recovered (gal.) 12.00
Product Recovered (gal.) 0
THICKNESS OF PRODUCT x (0.67 FOR 4" CASING) OR (0.17 FOR 2" CASING) OR (1.5 FOR 6" CASING)
Time Required for Purge 30 min
Comments:

Monitoring Data Before Pump/Bail Out

Well Number
Depth to Product
Depth to Water
Total Depth of Well
Feet of Total Fluid in Well
Thickness of Product (ft.)
Well Diameter (in.)
One Well Volume (gal.)

Pump/Bail One Well Volume

Water Recovered (gal.)
Product Recovered (gal.)
THICKNESS OF PRODUCT x (0.67 FOR 4" CASING) OR (0.17 FOR 2" CASING) OR (1.5 FOR 6" CASING)
Time Required for Purge
Comments:

Monitoring Data Before Pump/Bail Out

Well Number
Depth to Product
Depth to Water
Total Depth of Well
Feet of Total Fluid in Well
Thickness of Product (ft.)
Well Diameter (in.)
One Well Volume (gal.)

Pump/Bail One Well Volume

Water Recovered (gal.)
Product Recovered (gal.)
THICKNESS OF PRODUCT x (0.67 FOR 4" CASING) OR (0.17 FOR 2" CASING) OR (1.5 FOR 6" CASING)
Time Required for Purge
Comments:

Fluids from all of todays Manual Pump/Bail Outs were pumped into:

1) The ARS ☐ 2) Properly Labeled Drums ☒ 3) Other ☒ Gas Can

FIELD MONITORING DATA SHEET

Technician: Jack Job #/Task #: 41050051 / PA26 Date: 4/16/04

Site # 0746 Project Manager M. Collins Page 1 of 1

Well #	Grade	TOC	Total Depth	Depth to Water	Depth to Product	Product Thickness (feet)	Time Sampled	Misc. Well Notes
MW-5		✓	19.71	8.88	ϕ	ϕ	NA	2"
~~MW-4~~		✓	16.00	8.05	ϕ	ϕ	NA	2"
RW-1								

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

WTT CERTIFICATE — MANIFEST — DRUM INVENTORY — TRAFFIC CONTROL —

MANUAL PUMP/BAIL OUT SHEET

Site # : 0746 Project #: 41050-001/FA25 Date: 4/16/04

Technician: JAK Page #: 1 of 1

Monitoring Data Before Pump/Bail Out

Well Number MW-5

Depth to Product —

Depth to Water 8.88

Total Depth of Well 19.71

Feet of Total Fluid in Well 10.83

Thickness of Product (ft.) —

Well Diameter (in.) 2"

One Well Volume (gal.) —

Pump/Bail One Well Volume

Water Recovered (gal.) —

Product Recovered (gal.) —

THICKNESS OF PRODUCT x (0.67 FOR 4" CASING) OR (0.17 FOR 2" CASING) OR (1.5 FOR 6" CASING)

Time Required for Purge —

Comments: LESS THAN 1 GAL REMOVE SHEEN

Monitoring Data Before Pump/Bail Out

Well Number ~~MW-7~~ RW-1

Depth to Product —

Depth to Water 8.05

Total Depth of Well 16.05

Feet of Total Fluid in Well 7.95

Thickness of Product (ft.) —

Well Diameter (in.) 6"

One Well Volume (gal.) —

Pump/Bail One Well Volume

Water Recovered (gal.) —

Product Recovered (gal.) —

THICKNESS OF PRODUCT x (0.67 FOR 4" CASING) OR (0.17 FOR 2" CASING) OR (1.5 FOR 6" CASING)

Time Required for Purge —

Comments: NO SHEEN

Monitoring Data Before Pump/Bail Out

Well Number

Depth to Product

Depth to Water

Total Depth of Well

Feet of Total Fluid in Well

Thickness of Product (ft.)

Well Diameter (in.)

One Well Volume (gal.)

Pump/Bail One Well Volume

Water Recovered (gal.)

Product Recovered (gal.)

THICKNESS OF PRODUCT x (0.67 FOR 4" CASING) OR (0.17 FOR 2" CASING) OR (1.5 FOR 6" CASING)

Time Required for Purge

Comments:

Monitoring Data Before Pump/Bail Out

Well Number

Depth to Product

Depth to Water

Total Depth of Well

Feet of Total Fluid in Well

Thickness of Product (ft.)

Well Diameter (in.)

One Well Volume (gal.)

Pump/Bail One Well Volume

Water Recovered (gal.)

Product Recovered (gal.)

THICKNESS OF PRODUCT x (0.67 FOR 4" CASING) OR (0.17 FOR 2" CASING) OR (1.5 FOR 6" CASING)

Time Required for Purge

Comments:

Fluids from all of todays Manual Pump/Bail Outs were pumped into:

1) The ARS ☐ 2) Properly Labeled Drums ☐ 3) Other ☒ gas can

FIELD MONITORING DATA SHEET

Technician: JACK Job #/Task #: 410520001/FALO Date: 6/8/04

Site # 0746 Project Manager R. COLLINS Page 1 of 1

Well #	Grade	TOC	Total Depth	Depth to Water	Depth to Product	Product Thickness (feet)	Time Sampled	Misc. Well Notes
RW-1		✓	16.02	8.39	Ø	Ø	N/A	6"
MW-5		✓	19.72	8.42	Ø	0	N/A	2"
								FULL 1/2 GAL WATER
								OUT OF SKIMMER
								5% PRODUCT OUT OF SKIMMER.

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

WTT CERTIFICATE MANIFEST DRUM INVENTORY ✓ TRAFFIC CONTROL —

SEVERN TRENT STL

Submission#: 2004-05-0892

TRC Alton Geoscience- Irvine

June 08, 2004

21 Technology Drive
Irvine, CA 92718

Attn.: Anju Farfan

Project#: 41050001/FA20
Project: Conoco Phillips # 0746
Site: 3943 Broadway Oakland

Attached is our report for your samples received on 05/25/2004 17:53
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 07/09/2004 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 #: 2004-05-0892

Gas/BTEX Fuel Oxygenates by 8260B

TRC Alton Geoscience
Attn.: Anju Farfan

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

Project: 41050001/FA20
Conoco Phillips # 0746

Received: 05/25/2004 17:53

Site: 3943 Broadway Oakland

Samples Reported

Sample Name	Date Sampled	Matrix	Lab #
MW-9	05/24/2004 09:44	Water	1
MW-7	05/24/2004 06:54	Water	2
MW-4	05/24/2004 10:37	Water	3
MW-11	05/24/2004 09:21	Water	4
MW-10	05/24/2004 10:24	Water	5
MW-6	05/24/2004 07:27	Water	6
MW-12	05/24/2004 08:58	Water	7
MW-1	05/24/2004 07:44	Water	8
MW-8	05/24/2004 10:02	Water	9
RW-1	05/24/2004 10:44	Water	10
MW-3	05/24/2004 08:24	Water	11

Gas/BTEX Fuel Oxygenates by 8260B

TRC Alton Geoscience

Attn.: Anju Farfan

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

Project: 41050001/FA20
Conoco Phillips # 0746

Received: 05/25/2004 17:53

Site: 3943 Broadway Oakland

Prep(s): 5030B
Sample ID: **MW-9**
Sampled: 05/24/2004 09:44
Matrix: Water

Test(s): 8260FAB
Lab ID: 2004-05-0892 - 1
Extracted: 6/4/2004 08:21
QC Batch#: 2004/06/04-01.64

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Gasoline	330	50	ug/L	1.00	06/04/2004 08:21	
Benzene	1.8	0.50	ug/L	1.00	06/04/2004 08:21	
Toluene	ND	0.50	ug/L	1.00	06/04/2004 08:21	
Ethylbenzene	ND	0.50	ug/L	1.00	06/04/2004 08:21	
Total xylenes	ND	1.0	ug/L	1.00	06/04/2004 08:21	
tert-Butyl alcohol (TBA)	29	5.0	ug/L	1.00	06/04/2004 08:21	
Methyl tert-butyl ether (MTBE)	160	0.50	ug/L	1.00	06/04/2004 08:21	
Di-isopropyl Ether (DIPE)	ND	1.0	ug/L	1.00	06/04/2004 08:21	
Ethyl tert-butyl ether (ETBE)	ND	0.50	ug/L	1.00	06/04/2004 08:21	
tert-Amyl methyl ether (TAME)	ND	0.50	ug/L	1.00	06/04/2004 08:21	
1,2-DCA	ND	0.50	ug/L	1.00	06/04/2004 08:21	
EDB	ND	0.50	ug/L	1.00	06/04/2004 08:21	
Ethanol	ND	50	ug/L	1.00	06/04/2004 08:21	
Surrogate(s)						
1,2-Dichloroethane-d4	97.7	72-128	%	1.00	06/04/2004 08:21	
Toluene-d8	102.0	80-113	%	1.00	06/04/2004 08:21	

Gas/BTEX Fuel Oxygenates by 8260B

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Project: 41050001/FA20
Conoco Phillips # 0746

Received: 05/25/2004 17:53

Site: 3943 Broadway Oakland

Prep(s):	5030B	Test(s):	8260FAB
Sample ID:	**MW-7**	Lab ID:	2004-05-0892 - 2
Sampled:	05/24/2004 06:54	Extracted:	6/4/2004 08:43
Matrix:	Water	QC Batch#:	2004/06/04-01.64

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Gasoline	ND	50	ug/L	1.00	06/04/2004 08:43	
Benzene	ND	0.50	ug/L	1.00	06/04/2004 08:43	
Toluene	ND	0.50	ug/L	1.00	06/04/2004 08:43	
Ethylbenzene	ND	0.50	ug/L	1.00	06/04/2004 08:43	
Total xylenes	ND	1.0	ug/L	1.00	06/04/2004 08:43	
tert-Butyl alcohol (TBA)	ND	5.0	ug/L	1.00	06/04/2004 08:43	
Methyl tert-butyl ether (MTBE)	1.4	0.50	ug/L	1.00	06/04/2004 08:43	
Di-isopropyl Ether (DIPE)	ND	1.0	ug/L	1.00	06/04/2004 08:43	
Ethyl tert-butyl ether (ETBE)	ND	0.5	ug/L	1.00	06/04/2004 08:43	
tert-Amyl methyl ether (TAME)	ND	0.5	ug/L	1.00	06/04/2004 08:43	
1,2-DCA	ND	0.5	ug/L	1.00	06/04/2004 08:43	
EDB	ND	0.5	ug/L	1.00	06/04/2004 08:43	
Ethanol	ND	50	ug/L	1.00	06/04/2004 08:43	
Surrogate(s)						
1,2-Dichloroethane-d4	97.4	72-128	%	1.00	06/04/2004 08:43	
Toluene-d8	103.1	80-113	%	1.00	06/04/2004 08:43	

Gas/BTEX Fuel Oxygenates by 8260B

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Project: 41050001/FA20
Conoco Phillips # 0746

Received: 05/25/2004 17:53

Site: 3943 Broadway Oakland

Prep(s): 5030B
Sample ID: **MW-4**
Sampled: 05/24/2004 10:37
Matrix: Water

Test(s): 8260FAB
Lab ID: 2004-05-0892 - 3
Extracted: 6/4/2004 09:05
QC Batch#: 2004/06/04-01.64

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Gasoline	ND	50	ug/L	1.00	06/04/2004 09:05	
Benzene	ND	0.50	ug/L	1.00	06/04/2004 09:05	
Toluene	ND	0.50	ug/L	1.00	06/04/2004 09:05	
Ethylbenzene	ND	0.50	ug/L	1.00	06/04/2004 09:05	
Total xylenes	ND	1.0	ug/L	1.00	06/04/2004 09:05	
Methyl tert-butyl ether (MTBE)	ND	0.50	ug/L	1.00	06/04/2004 09:05	
Ethanol	ND	50	ug/L	1.00	06/04/2004 09:05	
Surrogate(s)						
1,2-Dichloroethane-d4	99.2	72-128	%	1.00	06/04/2004 09:05	
Toluene-d8	100.1	80-113	%	1.00	06/04/2004 09:05	

Gas/BTEX Fuel Oxygenates by 8260B

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Project: 41050001/FA20
Conoco Phillips # 0746

Received: 05/25/2004 17:53

Site: 3943 Broadway Oakland

Prep(s): 5030B
Sample ID: **MW-11**
Sampled: 05/24/2004 09:21
Matrix: Water

Test(s): 8260FAB
Lab ID: 2004-05-0892 - 4
Extracted: 6/4/2004 09:28
QC Batch#: 2004/06/04-01.64

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Gasoline	ND	50	ug/L	1.00	06/04/2004 09:28	
Benzene	ND	0.50	ug/L	1.00	06/04/2004 09:28	
Toluene	ND	0.50	ug/L	1.00	06/04/2004 09:28	
Ethylbenzene	ND	0.50	ug/L	1.00	06/04/2004 09:28	
Total xylenes	ND	1.0	ug/L	1.00	06/04/2004 09:28	
Methyl tert-butyl ether (MTBE)	ND	0.50	ug/L	1.00	06/04/2004 09:28	
Ethanol	ND	50	ug/L	1.00	06/04/2004 09:28	
Surrogate(s)						
1,2-Dichloroethane-d4	100.5	72-128	%	1.00	06/04/2004 09:28	
Toluene-d8	105.6	80-113	%	1.00	06/04/2004 09:28	

Gas/BTEX Fuel Oxygenates by 8260B

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Project: 41050001/FA20
Conoco Phillips # 0746

Received: 05/25/2004 17:53

Site: 3943 Broadway Oakland

Prep(s): 5030B
Sample ID: **MW-10**
Sampled: 05/24/2004 10:24
Matrix: Water

Test(s): 8260FAB
Lab ID: 2004-05-0892 - 5
Extracted: 6/4/2004 09:50
QC Batch#: 2004/06/04-01.64

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Gasoline	ND	50	ug/L	1.00	06/04/2004 09:50	
Benzene	ND	0.50	ug/L	1.00	06/04/2004 09:50	
Toluene	ND	0.50	ug/L	1.00	06/04/2004 09:50	
Ethylbenzene	ND	0.50	ug/L	1.00	06/04/2004 09:50	
Total xylenes	ND	1.0	ug/L	1.00	06/04/2004 09:50	
tert-Butyl alcohol (TBA)	ND	5.0	ug/L	1.00	06/04/2004 09:50	
Methyl tert-butyl ether (MTBE)	0.75	0.50	ug/L	1.00	06/04/2004 09:50	
Di-isopropyl Ether (DIPE)	ND	1.0	ug/L	1.00	06/04/2004 09:50	
Ethyl tert-butyl ether (ETBE)	ND	0.50	ug/L	1.00	06/04/2004 09:50	
tert-Amyl methyl ether (TAME)	ND	0.50	ug/L	1.00	06/04/2004 09:50	
1,2-DCA	ND	0.50	ug/L	1.00	06/04/2004 09:50	
EDB	ND	0.50	ug/L	1.00	06/04/2004 09:50	
Ethanol	ND	50	ug/L	1.00	06/04/2004 09:50	
Surrogate(s)						
1,2-Dichloroethane-d4	100.9	72-128	%	1.00	06/04/2004 09:50	
Toluene-d8	102.4	80-113	%	1.00	06/04/2004 09:50	

Gas/BTEX Fuel Oxygenates by 8260B

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Project: 41050001/FA20
Conoco Phillips # 0746

Received: 05/25/2004 17:53

Site: 3943 Broadway Oakland

Prep(s): 5030B
Sample ID: **MW-6**
Sampled: 05/24/2004 07:27
Matrix: Water

Test(s): 8260FAB
Lab ID: 2004-05-0892 - 6
Extracted: 6/4/2004 10:12
QC Batch#: 2004/06/04-01.64

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Gasoline	ND	50	ug/L	1.00	06/04/2004 10:12	
Benzene	ND	0.50	ug/L	1.00	06/04/2004 10:12	
Toluene	ND	0.50	ug/L	1.00	06/04/2004 10:12	
Ethylbenzene	ND	0.50	ug/L	1.00	06/04/2004 10:12	
Total xylenes	ND	1.0	ug/L	1.00	06/04/2004 10:12	
tert-Butyl alcohol (TBA)	ND	5.0	ug/L	1.00	06/04/2004 10:12	
Methyl tert-butyl ether (MTBE)	2.8	0.50	ug/L	1.00	06/04/2004 10:12	
Di-isopropyl Ether (DIPE)	ND	1.0	ug/L	1.00	06/04/2004 10:12	
Ethyl tert-butyl ether (ETBE)	ND	0.50	ug/L	1.00	06/04/2004 10:12	
tert-Amyl methyl ether (TAME)	ND	0.50	ug/L	1.00	06/04/2004 10:12	
1,2-DCA	ND	0.50	ug/L	1.00	06/04/2004 10:12	
EDB	ND	0.50	ug/L	1.00	06/04/2004 10:12	
Ethanol	ND	50	ug/L	1.00	06/04/2004 10:12	
Surrogate(s)						
1,2-Dichloroethane-d4	100.9	72-128	%	1.00	06/04/2004 10:12	
Toluene-d8	103.6	80-113	%	1.00	06/04/2004 10:12	

Gas/BTEX Fuel Oxygenates by 8260B

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Project: 41050001/FA20
Conoco Phillips # 0746

Received: 05/25/2004 17:53

Site: 3943 Broadway Oakland

Prep(s): 5030B
Sample ID: **MW-12**
Sampled: 05/24/2004 08:58
Matrix: Water

Test(s): 8260FAB
Lab ID: 2004-05-0892 - 7
Extracted: 6/4/2004 10:35
QC Batch#: 2004/06/04-01.64

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Gasoline	ND	50	ug/L	1.00	06/04/2004 10:35	
Benzene	ND	0.50	ug/L	1.00	06/04/2004 10:35	
Toluene	ND	0.50	ug/L	1.00	06/04/2004 10:35	
Ethylbenzene	ND	0.50	ug/L	1.00	06/04/2004 10:35	
Total xylenes	ND	1.0	ug/L	1.00	06/04/2004 10:35	
tert-Butyl alcohol (TBA)	ND	5.0	ug/L	1.00	06/04/2004 10:35	
Methyl tert-butyl ether (MTBE)	1.7	0.50	ug/L	1.00	06/04/2004 10:35	
Di-isopropyl Ether (DIPE)	ND	1.0	ug/L	1.00	06/04/2004 10:35	
Ethyl tert-butyl ether (ETBE)	ND	0.50	ug/L	1.00	06/04/2004 10:35	
tert-Amyl methyl ether (TAME)	ND	0.50	ug/L	1.00	06/04/2004 10:35	
1,2-DCA	ND	0.50	ug/L	1.00	06/04/2004 10:35	
EDB	ND	0.50	ug/L	1.00	06/04/2004 10:35	
Ethanol	ND	50	ug/L	1.00	06/04/2004 10:35	
Surrogate(s)						
1,2-Dichloroethane-d4	100.4	72-128	%	1.00	06/04/2004 10:35	
Toluene-d8	103.2	80-113	%	1.00	06/04/2004 10:35	

Gas/BTEX Fuel Oxygenates by 8260B

TRC Alton Geoscience

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Project: 41050001/FA20
Conoco Phillips # 0746

Received: 05/25/2004 17:53

Site: 3943 Broadway Oakland

Prep(s): 5030B
Sample ID: **MW-1**
Sampled: 05/24/2004 07:44
Matrix: Water

Test(s): 8260FAB
Lab ID: 2004-05-0892 - 8
Extracted: 6/5/2004 12:55
QC Batch#: 2004/06/05-1A.64

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Gasoline	ND	50	ug/L	1.00	06/05/2004 12:55	
Benzene	ND	0.50	ug/L	1.00	06/05/2004 12:55	
Toluene	ND	0.50	ug/L	1.00	06/05/2004 12:55	
Ethylbenzene	ND	0.50	ug/L	1.00	06/05/2004 12:55	
Total xylenes	ND	1.0	ug/L	1.00	06/05/2004 12:55	
tert-Butyl alcohol (TBA)	ND	5.0	ug/L	1.00	06/05/2004 12:55	
Methyl tert-butyl ether (MTBE)	26	0.50	ug/L	1.00	06/05/2004 12:55	
Di-isopropyl Ether (DIPE)	ND	1.0	ug/L	1.00	06/05/2004 12:55	
Ethyl tert-butyl ether (ETBE)	ND	0.50	ug/L	1.00	06/05/2004 12:55	
tert-Amyl methyl ether (TAME)	ND	0.50	ug/L	1.00	06/05/2004 12:55	
1,2-DCA	ND	0.50	ug/L	1.00	06/05/2004 12:55	
EDB	ND	0.50	ug/L	1.00	06/05/2004 12:55	
Ethanol	ND	50	ug/L	1.00	06/05/2004 12:55	
Surrogate(s)						
1,2-Dichloroethane-d4	96.9	72-128	%	1.00	06/05/2004 12:55	
Toluene-d8	95.5	80-113	%	1.00	06/05/2004 12:55	

Gas/BTEX Fuel Oxygenates by 8260B

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Project: 41050001/FA20
Conoco Phillips # 0746

Received: 05/25/2004 17:53

Site: 3943 Broadway Oakland

Prep(s): 5030B
Test(s): 8260FAB
Sample ID: **MW-8**
Lab ID: 2004-05-0892 - 9
Sampled: 05/24/2004 10:02
Extracted: 6/5/2004 13:17
Matrix: Water
QC Batch#: 2004/06/05-1A.64
Analysis Flag: o (See Legend and Note Section)

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Gasoline	450	250	ug/L	5.00	06/05/2004 13:17	g
Benzene	ND	2.5	ug/L	5.00	06/05/2004 13:17	
Toluene	ND	2.5	ug/L	5.00	06/05/2004 13:17	
Ethylbenzene	ND	2.5	ug/L	5.00	06/05/2004 13:17	
Total xylenes	ND	5.0	ug/L	5.00	06/05/2004 13:17	
tert-Butyl alcohol (TBA)	ND	25	ug/L	5.00	06/05/2004 13:17	
Methyl tert-butyl ether (MTBE)	750	2.5	ug/L	5.00	06/05/2004 13:17	
Di-isopropyl Ether (DIPE)	ND	5.0	ug/L	5.00	06/05/2004 13:17	
Ethyl tert-butyl ether (ETBE)	ND	2.5	ug/L	5.00	06/05/2004 13:17	
tert-Amyl methyl ether (TAME)	ND	2.5	ug/L	5.00	06/05/2004 13:17	
1,2-DCA	ND	2.5	ug/L	5.00	06/05/2004 13:17	
EDB	ND	2.5	ug/L	5.00	06/05/2004 13:17	
Ethanol	ND	250	ug/L	5.00	06/05/2004 13:17	
Surrogate(s)						
1,2-Dichloroethane-d4	108.2	72-128	%	5.00	06/05/2004 13:17	
Toluene-d8	97.4	80-113	%	5.00	06/05/2004 13:17	

Gas/BTEX Fuel Oxygenates by 8260B

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Project: 41050001/FA20
Conoco Phillips # 0746

Received: 05/25/2004 17:53

Site: 3943 Broadway Oakland

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

Sample ID: **RW-1**
Lab ID: 2004-05-0892 - 10

Sampled: 05/24/2004 10:44
Extracted: 6/5/2004 13:40

Matrix: Water
QC Batch#: 2004/06/05-1A.64

Analysis Flag: o (See Legend and Note Section)

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Gasoline	3100	500	ug/L	10.00	06/05/2004 13:40	
Benzene	20	5.0	ug/L	10.00	06/05/2004 13:40	
Toluene	ND	5.0	ug/L	10.00	06/05/2004 13:40	
Ethylbenzene	16	5.0	ug/L	10.00	06/05/2004 13:40	
Total xylenes	ND	10	ug/L	10.00	06/05/2004 13:40	
tert-Butyl alcohol (TBA)	ND	50	ug/L	10.00	06/05/2004 13:40	
Methyl tert-butyl ether (MTBE)	200	5.0	ug/L	10.00	06/05/2004 13:40	
Di-isopropyl Ether (DIPE)	ND	10	ug/L	10.00	06/05/2004 13:40	
Ethyl tert-butyl ether (ETBE)	ND	5.0	ug/L	10.00	06/05/2004 13:40	
tert-Amyl methyl ether (TAME)	ND	5.0	ug/L	10.00	06/05/2004 13:40	
1,2-DCA	ND	5.0	ug/L	10.00	06/05/2004 13:40	
EDB	ND	5.0	ug/L	10.00	06/05/2004 13:40	
Ethanol	ND	500	ug/L	10.00	06/05/2004 13:40	
Surrogate(s)						
1,2-Dichloroethane-d4	105.4	72-128	%	10.00	06/05/2004 13:40	
Toluene-d8	96.9	80-113	%	10.00	06/05/2004 13:40	

Gas/BTEX Fuel Oxygenates by 8260B

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Project: 41050001/FA20
Conoco Phillips # 0746

Received: 05/25/2004 17:53

Site: 3943 Broadway Oakland

Prep(s): 5030B
Sample ID: **MW-3**
Sampled: 05/24/2004 08:24
Matrix: Water

Test(s): 8260FAB
Lab ID: 2004-05-0892 - 11
Extracted: 6/5/2004 15:32
QC Batch#: 2004/06/05-1A.64

Analysis Flag: o (See Legend and Note Section)

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Gasoline	10000	1000	ug/L	20.00	06/05/2004 15:32	
Benzene	14	10	ug/L	20.00	06/05/2004 15:32	
Toluene	ND	10	ug/L	20.00	06/05/2004 15:32	
Ethylbenzene	81	10	ug/L	20.00	06/05/2004 15:32	
Total xylenes	ND	20	ug/L	20.00	06/05/2004 15:32	
tert-Butyl alcohol (TBA)	190	100	ug/L	20.00	06/05/2004 15:32	
Methyl tert-butyl ether (MTBE)	1200	10	ug/L	20.00	06/05/2004 15:32	
Di-isopropyl Ether (DIPE)	ND	20	ug/L	20.00	06/05/2004 15:32	
Ethyl tert-butyl ether (ETBE)	ND	10	ug/L	20.00	06/05/2004 15:32	
tert-Amyl methyl ether (TAME)	ND	10	ug/L	20.00	06/05/2004 15:32	
1,2-DCA	ND	10	ug/L	20.00	06/05/2004 15:32	
EDB	ND	10	ug/L	20.00	06/05/2004 15:32	
Ethanol	ND	1000	ug/L	20.00	06/05/2004 15:32	
Surrogate(s)						
1,2-Dichloroethane-d4	99.2	72-128	%	20.00	06/05/2004 15:32	
Toluene-d8	97.2	80-113	%	20.00	06/05/2004 15:32	

Gas/BTEX Fuel Oxygenates by 8260B

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

Project: 41050001/FA20
Conoco Phillips # 0746

Received: 05/25/2004 17:53

Site: 3943 Broadway Oakland

Batch QC Report

Prep(s): 5030B — Test(s): 8260FAB

Method Blank — **Water** — **QC Batch # 2004/06/04-01.64**

MB: 2004/06/04-01.64-050 — Date Extracted: 06/04/2004 07:50

Compound	Conc.	RL	Unit	Analyzed	Flag
Gasoline	ND	50	ug/L	06/04/2004 07:50	
Benzene	ND	0.5	ug/L	06/04/2004 07:50	
Toluene	ND	0.5	ug/L	06/04/2004 07:50	
Ethylbenzene	ND	0.5	ug/L	06/04/2004 07:50	
Total xylenes	ND	1.0	ug/L	06/04/2004 07:50	
tert-Butyl alcohol (TBA)	ND	5.0	ug/L	06/04/2004 07:50	
Methyl tert-butyl ether (MTBE)	ND	0.5	ug/L	06/04/2004 07:50	
Di-isopropyl Ether (DIPE)	ND	1.0	ug/L	06/04/2004 07:50	
Ethyl tert-butyl ether (ETBE)	ND	0.5	ug/L	06/04/2004 07:50	
tert-Amyl methyl ether (TAME)	ND	0.5	ug/L	06/04/2004 07:50	
1,2-DCA	ND	0.5	ug/L	06/04/2004 07:50	
EDB	ND	0.5	ug/L	06/04/2004 07:50	
Ethanol	ND	50	ug/L	06/04/2004 07:50	
Surrogates(s)					
1,2-Dichloroethane-d4	102.4	72-128	%	06/04/2004 07:50	
Toluene-d8	101.8	80-113	%	06/04/2004 07:50	

Gas/BTEX Fuel Oxygenates by 8260B

TRC Alton Geoscience

Attn.: Anju Farfan

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

Project: 41050001/FA20
Conoco Phillips # 0746

Received: 05/25/2004 17:53

Site: 3943 Broadway Oakland

Batch QC Report

Prep(s): 5030B
Method Blank

Water

Test(s): 8260FAB
QC Batch # 2004/06/05-1A.64

MB: 2004/06/05-1A.64-015

Date Extracted: 06/05/2004 09:15

Compound	Conc.	RL	Unit	Analyzed	Flag
Gasoline	ND	50	ug/L	06/05/2004 09:15	
tert-Butyl alcohol (TBA)	ND	5.0	ug/L	06/05/2004 09:15	
Methyl tert-butyl ether (MTBE)	ND	0.5	ug/L	06/05/2004 09:15	
Di-isopropyl Ether (DIPE)	ND	1.0	ug/L	06/05/2004 09:15	
Ethyl tert-butyl ether (ETBE)	ND	0.5	ug/L	06/05/2004 09:15	
tert-Amyl methyl ether (TAME)	ND	0.5	ug/L	06/05/2004 09:15	
1,2-DCA	ND	0.5	ug/L	06/05/2004 09:15	
EDB	ND	0.5	ug/L	06/05/2004 09:15	
Benzene	ND	0.5	ug/L	06/05/2004 09:15	
Toluene	ND	0.5	ug/L	06/05/2004 09:15	
Ethylbenzene	ND	0.5	ug/L	06/05/2004 09:15	
Total xylenes	ND	1.0	ug/L	06/05/2004 09:15	
Ethanol	ND	50	ug/L	06/05/2004 09:15	
Surrogates(s)					
1,2-Dichloroethane-d4	95.6	72-128	%	06/05/2004 09:15	
Toluene-d8	96.2	80-113	%	06/05/2004 09:15	

Gas/BTEX Fuel Oxygenates by 8260B

TRC Alton Geoscience
Attn.: Anju Farfan

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Irvine, CA 92718
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Project: 41050001/FA20
Conoco Phillips # 0746

Received: 05/25/2004 17:53

Site: 3943 Broadway Oakland

Batch QC Report

Prep(s): 5030B

Test(s): 8260FAB

Laboratory Control Spike **Water** **QC Batch # 2004/06/04-01.64**

LCS 2004/06/04-01.64-005 Extracted: 06/04/2004 Analyzed: 06/04/2004 07:05

LCSD 2004/06/04-01.64-028 Extracted: 06/04/2004 Analyzed: 06/04/2004 07:28

Compound	Conc. ug/L		Exp.Conc.	Recovery %		RPD	Ctrl.Limits %		Flags	
	LCS	LCSD		LCS	LCSD	%	Rec.	RPD	LCS	LCSD
Benzene	24.1	24.1	25.0	96.4	96.4	0.0	69-129	20		
Toluene	26.5	25.9	25.0	106.0	103.6	2.3	70-130	20		
Methyl tert-butyl ether (MTBE)	25.7	26.8	25.0	102.8	107.2	4.2	65-165	20		
Surrogates(s)										
1,2-Dichloroethane-d4	476	467	500	95.2	93.4		72-128			
Toluene-d8	520	511	500	104.0	102.2		80-113			

Gas/BTEX Fuel Oxygenates by 8260B

TRC Alton Geoscience
Attn.: Anju Farfan

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

Project: 41050001/FA20
Conoco Phillips # 0746

Received: 05/25/2004 17:53

Site: 3943 Broadway Oakland

Batch QC Report

Prep(s): 5030B

Test(s): 8260FAB

Laboratory Control Spike **Water** **QC Batch # 2004/06/05-1A.64**

LCS 2004/06/05-1A.64-030 Extracted: 06/05/2004 Analyzed: 06/05/2004 08:30

LCSD 2004/06/05-1A.64-052 Extracted: 06/05/2004 Analyzed: 06/05/2004 08:52

Compound	Conc. ug/L		Exp.Conc.	Recovery %		RPD	Ctrl.Limits %		Flags	
	LCS	LCSD		LCS	LCSD	%	Rec.	RPD	LCS	LCSD
Methyl tert-butyl ether (MTBE)	25.2	27.4	25	100.8	109.6	8.4	65-165	20		
Benzene	23.9	26.0	25	95.6	104.0	8.4	69-129	20		
Toluene	25.1	28.3	25	100.4	113.2	12.0	70-130	20		
Surrogates(s)										
1,2-Dichloroethane-d4	458	441	500	91.6	88.2		72-128			
Toluene-d8	498	510	500	99.6	102.0		80-113			

SEVERN TRENT STL

Submission #: 2004-05-0892

Gas/BTEX Fuel Oxygenates by 8260B

TRC Alton Geoscience
Attn.: Anju Farfan

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

Project: 41050001/FA20
Conoco Phillips # 0746

Received: 05/25/2004 17:53

Site: 3943 Broadway Oakland

Batch QC Report

Prep(s): 5030B

Test(s): 8260FAB

Matrix Spike (MS / MSD) **Water** **QC Batch # 2004/06/04-01.64**

MW-12 >> MS

Lab ID: 2004-05-0892 - 007

MS: 2004/06/04-01.64-057 Extracted: 06/04/2004 Analyzed: 06/04/2004 10:57

Dilution: 1.00

MSD: 2004/06/04-01.64-020 Extracted: 06/04/2004 Analyzed: 06/04/2004 11:20

Dilution: 1.00

Compound	Conc. ug/L			Spk.Level	Recovery %			Limits %		Flags	
	MS	MSD	Sample	ug/L	MS	MSD	RPD	Rec.	RPD	MS	MSD
Benzene	23.5	24.2	ND	25.0	94.0	96.8	2.9	69-129	20		
Toluene	24.8	26.3	ND	25.0	99.2	105.2	5.9	70-130	20		
Methyl tert-butyl ether	29.0	29.2	1.74	25.0	109.0	109.8	0.7	65-165	20		
Surrogate(s)											
1,2-Dichloroethane-d4	520	511		500	104.0	102.2		72-128			
Toluene-d8	511	511		500	102.2	102.2		80-113			

2004-05-0892

ConocoPhillips Chain Of Custody Record

86262

/

STL-San Francisco

1220 Quarry Lane

Pleasanton, CA 94566

(925) 484-1919 (925) 484-1096 fax

ConocoPhillips Site Manager:

INVOICE REMITTANCE ADDRESS: CONOCOPHILLIPS, Attn: Dee Hutchinson, 3611 South Harbor, Suite 200, Santa Ana, CA, 92704

ConocoPhillips Work Order Number: 1082 TRC 500

ConocoPhillips Cost Object:

DATE: 5/24/04

PAGE: 1 of 2

SAMPLING COMPANY:	TRC
Valid Value ID:	
CONOCOPHILLIPS SITE NUMBER	0746
GLOBAL ID NO.:	T0600101471
ADDRESS:	21 Technology Drive, Irvine CA 92618
SITE ADDRESS (Street and City):	3943 Broadway Oakland
CONOCOPHILLIPS SITE MANAGER:	Thomas Kosel
PROJECT CONTACT (Hardcopy or PDF Report to):	Anju Farfan
TELEPHONE:	949-341-7440
FAX:	949-753-0111
E-MAIL:	afarfan@trcsolutions.com
EDF DELIVERABLE TO (RP or Designee):	Peter Thomson, TRC pthomson@trcsolutions.com
PHONE NO.:	949-341-7408
E-MAIL:	
LAB USE ONLY	
SAMPLER NAME(S) (Print):	Jeremy Kearns
CONSULTANT PROJECT NUMBER	41050001/FA20

TURNAROUND TIME (CALENDAR DAYS): ☑ 14 DAYS ☐ 7 DAYS ☐ 72 HOURS ☐ 48 HOURS ☐ 24 HOURS ☐ LESS THAN 24 HOURS

SPECIAL INSTRUCTIONS OR NOTES: CHECK BOX IF EDD IS NEEDED ☑

*

* Field Point name only required if different from Sample ID

REQUESTED ANALYSES: 8015m - TPHd Extractable; 8260B - TPHg/BTEX/MtBE; 8260B - TPHg / BTEX / 8 Oxygenates; 8260B - TPHg / BTEX / 8 oxygenates + methanol (8015M); 8260B - Full Scan VOCs (does not include oxygenates); 8270C - Semi-Volatiles; 8015M / 8021B - TPHg/BTEX/MtBE; Lead ☐Total ☐STLC ☐TCLP; TPPH by 8260B; BTEX/MTBE/ETHANOL by 8260B

FIELD NOTES: Container/Preservative or PID Readings or Laboratory Notes

TEMPERATURE ON RECEIPT C°: 6°

LAB USE ONLY	Sample Identification/Field Point Name*	DATE	TIME	MATRIX	NO. OF CONT.	8015m - TPHd Extractable	8260B - TPHg/BTEX/MtBE	8260B - TPHg/BTEX/8 Oxygenates	8260B - TPHg/BTEX/8 oxygenates + methanol	8260B - Full Scan VOCs	8270C - Semi-Volatiles	8015M/8021B	Lead	TPPH by 8260B	BTEX/MTBE/ETHANOL by 8260B	FIELD NOTES
	MW-9	5/24	0944	GW	3									X	X	* "Run 8 oxys on
	MW-7	↓	0657	↓	↓									↓	↓	all 8260
	MW-4	↓	1037	↓	↓									↓	↓	MTBE hits"
	MW-11	↓	0921	↓	↓									↓	↓	
	MW-10	↓	1024	↓	↓									↓	↓	
	MW-6	↓	0727	↓	↓									↓	↓	
	MW-12	↓	0858	↓	↓									↓	↓	
	MW-1	↓	0744	↓	↓									↓	↓	
	MW-8	↓	1002	↓	↓									↓	↓	
	~~[illegible]~~ RW-1	↓	1011	↓	↓									↓	↓	

Relinquished by: (Signature)	Received by: (Signature)	Date:	Time:
[signature]	Refrigerator	05-24-04	
[signature]	[signature]	5-25-04	1327
[signature] 5/25/04 1753	Denise Harrington / STL-SF	5/25/04	1753

8/16/03 Revision

2004-05-0872

ConocoPhillips Chain Of Custody Record

86262

STL-San Francisco

1220 Quarry Lane

Pleasanton, CA 94566

(925) 484-1919 (925) 484-1096 fax

ConocoPhillips Site Manager:

INVOICE REMITTANCE ADDRESS: CONOCOPHILLIPS
Attn: Dee Hutchinson
3611 South Harbor, Suite 200
Santa Ana, CA. 92704

ConocoPhillips Work Order Number: 1082TRC500

ConocoPhillips Cost Object:

DATE: 5/24/04

PAGE: 1 of 2

SAMPLING COMPANY: TRC	Valid Value ID:	CONOCOPHILLIPS SITE NUMBER: 0746	GLOBAL ID NO.: T0600101471
ADDRESS: 21 Technology Drive, Irvine CA 92618		SITE ADDRESS (Street and City): 3943 BROADWAY OAKLAND	CONOCOPHILLIPS SITE MANAGER: Thomas Kosel
PROJECT CONTACT (Hardcopy or PDF Report to): Anju Farfan		EDF DELIVERABLE TO (RP or Designee): Peter Thomson, TRC pthomson@trcsolutions.com	PHONE NO.: 949-341-7408
TELEPHONE: 949-341-7440 / FAX: 949-753-0111 / E-MAIL: afarfan@trcsolutions.com			E-MAIL: / LAB USE ONLY
SAMPLER NAME(S) (Print): JEREMY KEARNS	CONSULTANT PROJECT NUMBER: 41050001/FA20		

TURNAROUND TIME (CALENDAR DAYS): ☑ 14 DAYS ☐ 7 DAYS ☐ 72 HOURS ☐ 48 HOURS ☐ 24 HOURS ☐ LESS THAN 24 HOURS

SPECIAL INSTRUCTIONS OR NOTES: CHECK BOX IF EDD IS NEEDED ☑

* Field Point name only required if different from Sample ID

REQUESTED ANALYSES

LAB USE ONLY	Sample Identification/Field Point Name*	SAMPLING DATE	SAMPLING TIME	MATRIX	NO. OF CONT.	8015m - TPHd Extractable	8260B - TPHg/BTEX/MtBE	8260B - TPHg / BTEX / 8 Oxygenates	8260B - TPHg / BTEX / 8 oxygenates + methanol (8015M)	8260B - Full Scan VOCs (does not include oxygenates)	8270C - Semi-Volatiles	8015M / 8021B - TPHg/BTEX/MtBE	Lead ☐Total ☐STLC ☐TCLP	TPPH by 8260B	BTEX/MTBE/ETHANOL by 8260B										FIELD NOTES: Container/Preservative or PID Readings or Laboratory Notes
	MW-9	5/24	0944	GW	3									X	X									*	"RUN 8 OXYS ON
	MW-7		0654																						ALL 8260
	MW-4		1037																						MTBE HITS"
	MW-11		0921																						
	MW-10		1024																						
	MW-6		0727																						
	MW-12		0858																						
	MW-1		0744																						
	MW-8		1002																						
	~~MW-3~~ RW-1		1044																						

TEMPERATURE ON RECEIPT C°: 6°

Relinquished by: (Signature)	Received by: (Signature) REFRIGERATOR	Date: 05-24-04	Time:
Relinquished by: (Signature)	Received by: (Signature)	Date: 5-25-04	Time: 1327
Relinquished by: (Signature) 5/25/04 1753	Received by: (Signature) Denise Harrington / STL-SF	Date: 5/25/04	Time: 1753

9/19/03 Revision

2004-05-0872

ConocoPhillips Chain Of Custody Record

86262

STL-San Francisco

1220 Quarry Lane

Pleasanton, CA 94566

(925) 484-1919 (925) 484-1096 fax

ConocoPhillips Site Manager:

INVOICE REMITTANCE ADDRESS: CONOCOPHILLIPS
Attn: Dee Hutchinson
3611 South Harbor, Suite 200
Santa Ana, CA. 92704

ConocoPhillips Work Order Number: 1092TRC500

ConocoPhillips Cost Object:

DATE: 5/24/04

PAGE: 2 of 2

SAMPLING COMPANY: TRC	Valid Value ID:	CONOCOPHILLIPS SITE NUMBER: 0746	GLOBAL ID NO.: T0600101471
ADDRESS: 21 Technology Drive, Irvine CA 92618		SITE ADDRESS (Street and City): 3943 BROADWAY, OAKLAND	CONOCOPHILLIPS SITE MANAGER: Thomas Kosel
PROJECT CONTACT (Hardcopy or PDF Report to): Anju Farfan		EDF DELIVERABLE TO (RP or Designee): Peter Thomson, TRC pthomson@trcsolutions.com	PHONE NO.: 949-341-7408
TELEPHONE: 949-341-7440 / FAX: 949-753-0111 / E-MAIL: afarfan@trcsolutions.com			E-MAIL: / LAB USE ONLY
SAMPLER NAME(S) (Print): JEREMY KEARNS	CONSULTANT PROJECT NUMBER: 41050001/FA20		

TURNAROUND TIME (CALENDAR DAYS): ☑ 14 DAYS ☐ 7 DAYS ☐ 72 HOURS ☐ 48 HOURS ☐ 24 HOURS ☐ LESS THAN 24 HOURS

SPECIAL INSTRUCTIONS OR NOTES: CHECK BOX IF EDD IS NEEDED ☑

*

* Field Point name only required if different from Sample ID

REQUESTED ANALYSES

LAB USE ONLY	Sample Identification/Field Point Name*	SAMPLING DATE	SAMPLING TIME	MATRIX	NO. OF CONT.	8015m - TPHd Extractable	8260B - TPHg/BTEX/MtBE	8260B - TPHg / BTEX / 8 Oxygenates	8260B - TPHg / BTEX / 8 oxygenates + methanol (8015M)	8260B - Full Scan VOCs (does not include oxygenates)	8270C - Semi-Volatiles	8015M / 8021B - TPHg/BTEX/MtBE	Lead ☐Total ☐STLC ☐TCLP	TPPH by 8260B	STEX/MTBE/ETHANOL by 8260B										
	MW-03	5/21	0824	GW	3									X	X									*	

FIELD NOTES: Container/Preservative or PID Readings or Laboratory Notes

TEMPERATURE ON RECEIPT C° 6°

* PLEASE RUN BOMBS ON ALL 8260 MTBE HITS"

Relinquished by: (Signature)	Received by: (Signature) REFRIGERATOR	Date: 05-24-04	Time:
Relinquished by: (Signature)	Received by: (Signature)	Date: 5-25-04	Time: 1327
Relinquished by: (Signature) 5/25/04 1753	Received by: (Signature) Denise Harrington / STL-SF	Date: 5/25/04	Time: 1753

9/19/03 Revision

STL

STL San Francisco

Sample Receipt Checklist

Submission #:2004- 05 - 0892

Checklist completed by: (initials) YM Date: 05/26 /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: 6 °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 Transport and 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.