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SC219

May 19, 2004

ConocoPhillips Company
76 Broadway
Sacramento, CA 95818

ATTN: MR. THOMAS KOSEL

SITE: 76 STATION 5043
449 HEGENBERGER ROAD
OAKLAND, CALIFORNIA

RE: QUARTERLY MONITORING REPORT
APRIL THROUGH JUNE 2004

Dear Mr. Kosel:

Please find enclosed our Quarterly Monitoring Report for 76 Station 5043, located at 449 Hegenberger Road, 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: Amir Gholami, Alameda County Health Care Services
Beretta Investment Group
Ms. Barbara Moed, TRC

Enclosures
20-0400/5043R03.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 5043
449 Hegenberger Road
Oakland, California

Prepared For:

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

By:

Senior Project Geologist, Irvine Operations
May 19, 2004

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

QUARTERLY MONITORING REPORT

LIST OF ATTACHMENTS	
Summary Sheet	Summary of Gauging and Sampling Activities
Tables	Table Key Table 1: Summary of Groundwater Levels and Chemical Analysis Results Table 2: Historic Groundwater Levels and Chemical Analysis Results Table 3: Summary of Additional Chemical Analysis Results
Figures	Figure 1: Vicinity Map Figure 2: Groundwater Elevation Contour Map Figure 3: Dissolved-Phase TPPH Contour Map Figure 4: Dissolved-Phase Benzene Contour Map Figure 5: Dissolved-Phase MTBE Contour 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

TABLES

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
DNA	=	data not available

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 5043 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

April 26, 2004

76 Station 5043

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		**(Screen Interval in feet: 2.5-14.0)**												
04/26/04	8.04	3.11	0.00	4.93	-0.72	--	440	2.5	5.5	2.9	9.4	--	81	
MW-6		**(Screen Interval in feet: 2.5-13.5)**												
04/26/04	8.87	3.40	0.00	5.47	-0.60	--	97000	5900	9000	5100	23000	--	ND<50	
MW-7		**(Screen Interval in feet: 3.0-13.0)**												
04/26/04	8.83	4.49	0.00	4.34	-0.94	--	ND<50	ND<0.50	ND<0.50	ND<0.50	1.5	--	2.3	
MW-8		**(Screen Interval in feet: 3.0-15.0)**												
04/26/04	8.52	2.89	0.00	5.63	-0.51	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<0.50	
MW-9		**(Screen Interval in feet: 3.0-13.0)**												
04/26/04	8.29	1.62	0.00	6.67	0.28	--	51	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	0.51	
MW-10		**(Screen Interval in feet: 3.0-13.0)**												
04/26/04	8.62	3.89	0.00	4.73	-0.49	--	ND<50	2.8	1.3	1.0	2.9	--	ND<0.50	

Table 2
HISTORIC GROUNDWATER LEVELS AND CHEMICAL ANALYSIS RESULTS
February 1992 Through April 2004
76 Station 5043

Date Sampled	TOC Elevation (feet)	Depth to Water (feet)	LPH Thickness (feet)	Ground-water Elevation (feet)	Change in Elevation (feet)	TPH-G (µg/l)	TPPH 8260B (µg/l)	Benzene (µg/l)	Toluene (µg/l)	Ethyl-benzene (µg/l)	Total Xylenes (µg/l)	MTBE 8021B (µg/l)	MTBE 8260B (µg/l)	Comments
MW-1	**(Screen Interval in feet: DNA)**													
02/18/92	8.96	--	--	--	--	150000	--	17000	26000	5200	26000	--	--	
05/20/92	8.96	--	--	--	--	--	--	--	--	--	--	--	--	
08/31/92	8.96	--	--	--	--	64000	--	13000	12000	2500	22000	--	--	
11/30/92	8.96	--	--	--	--	--	--	--	--	--	--	--	--	
02/04/93	8.96	--	--	--	--	--	--	--	--	--	--	--	--	
05/04/93	8.96	2.13	0.10	6.90	--	--	--	--	--	--	--	--	--	
08/04/93	7.38	2.92	0.03	4.48	-2.42	--	--	--	--	--	--	--	--	
11/03/93	7.38	3.04	0.00	4.34	-0.14	--	--	--	--	--	--	--	--	
02/07/94	7.38	2.55	0.03	4.85	0.51	--	--	--	--	--	--	--	--	
05/19/94	7.38	2.23	0.01	5.16	0.31	--	--	--	--	--	--	--	--	
06/25/94	7.38	2.49	0.01	4.90	-0.26	--	--	--	--	--	--	--	--	
07/27/94	7.38	3.10	0.00	4.28	-0.62	--	--	--	--	--	--	--	--	
08/15/94	7.38	2.85	0.11	4.61	0.33	--	--	--	--	--	--	--	--	
11/14/94	7.38	2.97	0.12	4.50	-0.11	--	--	--	--	--	--	--	--	
02/21/95	7.38	1.53	0.02	5.87	1.37	--	--	--	--	--	--	--	--	
MW-2	**(Screen Interval in feet: DNA)**													
02/18/92	8.96	--	--	--	--	29000	--	1000	5300	260	7900	--	--	
05/20/92	8.96	--	--	--	--	24000	--	2200	7600	630	11000	--	--	
08/31/92	8.96	--	--	--	--	9000	--	1800	640	140	2000	--	--	
11/30/92	8.96	--	--	--	--	29000	--	2000	3400	1200	6900	--	--	
02/04/93	8.96	--	--	--	--	18000	--	1600	3000	ND	6900	--	--	
05/04/93	8.96	2.48	0.00	6.48	--	63000	--	3200	17000	470	17000	--	--	
08/04/93	8.58	3.20	0.00	5.38	-1.10	45000	--	2100	6600	1400	12000	--	--	
11/03/93	8.58	3.37	0.00	5.21	-0.17	72000	--	3700	16000	3700	20000	--	--	
02/07/94	8.58	2.40	0.00	6.18	0.97	--	--	--	--	--	--	--	--	

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														
05/19/94	8.58	2.13	0.00	6.45	0.27	42000	--	2500	1300	2300	13000	--	--	
06/25/94	8.58	2.65	0.00	5.93	-0.52	--	--	--	--	--	--	--	--	
07/27/94	8.58	3.44	0.00	5.14	-0.79	--	--	--	--	--	--	--	--	
08/15/94	8.58	3.25	0.00	5.33	0.19	35000	--	2400	850	1700	15000	--	--	
11/14/94	8.58	2.13	0.00	6.45	1.12	43000	--	2200	6500	1800	14000	--	--	
02/21/95	8.58	1.65	0.00	6.93	0.48	44000	--	2200	3200	1300	1500	--	--	
MW-3	**(Screen Interval in feet: 2.5-14.0)**													
02/18/92	7.84	--	--	--	--	230	--	4.8	22	1.8	33	--	--	
05/20/92	7.84	--	--	--	--	--	--	--	--	--	--	--	--	
08/31/92	7.84	--	--	--	--	210	--	1	ND	ND	ND	--	--	
11/30/92	7.84	--	--	--	--	790	--	ND	ND	ND	ND	--	--	
02/04/93	7.84	--	--	--	--	3300	--	320	ND	96	6.1	--	--	
05/04/93	7.84	4.32	0.00	3.52	--	1800	--	95	ND	ND	ND	--	--	
08/04/93	7.84	4.94	0.00	2.90	-0.62	210	--	ND	ND	ND	ND	--	--	
11/03/93	7.42	4.53	0.00	2.89	-0.01	640	--	ND	ND	ND	ND	--	--	
02/07/94	7.42	2.40	0.00	5.02	2.13	2700	--	110	ND	17	ND	--	--	
05/19/94	7.42	3.60	0.00	3.82	-1.20	1800	--	83	ND	6.2	9.1	--	--	
06/25/94	7.42	4.58	0.00	2.84	-0.98	--	--	--	--	--	--	--	--	
07/27/94	7.42	4.58	0.00	2.84	0.00	--	--	--	--	--	--	--	--	
08/15/94	7.42	4.65	0.00	2.77	-0.07	130	--	1.1	0.54	ND	0.97	--	--	
11/14/94	7.42	3.18	0.00	4.24	1.47	1600	--	ND	ND	ND	ND	--	--	
02/21/95	7.42	1.81	0.00	5.61	1.37	3800	--	350	ND	130	22	--	--	
05/18/95	7.42	4.56	0.00	2.86	-2.75	1300	--	42	ND	ND	ND	--	--	
08/17/95	7.42	--	--	--	--	--	--	--	--	--	--	--	--	
07/26/96	7.42	--	--	--	--	--	--	--	--	--	--	--	--	
10/28/96	7.42	--	--	--	--	--	--	--	--	--	--	--	--	
01/29/97	7.42	--	--	--	--	--	--	--	--	--	--	--	--	
04/15/97	7.42	--	--	--	--	--	--	--	--	--	--	--	--	
05/27/97	7.42	3.45	0.00	3.97	--	670	--	6.5	ND	ND	ND	--	250	

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														
05/04/93	9.12	3.72	0.00	5.40	--	4900	--	360	18	450	430	--	--	
08/04/93	9.12	5.15	0.00	3.97	-1.43	3400	--	390	ND	440	190	--	--	
11/03/93	8.87	5.25	0.00	3.62	-0.35	1400	--	320	ND	200	7.7	--	--	
02/07/94	8.87	4.55	0.00	4.32	0.70	4900	--	650	ND	250	35	--	--	
05/19/94	8.87	4.62	0.00	4.25	-0.07	3600	--	300	1.7	210	41	--	--	
08/15/94	8.87	5.08	0.00	3.79	--	1300	--	130	6.7	54	57	--	--	
11/14/94	8.87	5.30	0.00	3.57	-0.22	730	--	50	ND	ND	39	--	--	
02/21/95	8.87	5.37	0.00	3.50	-0.07	2000	--	250	4.6	25	30	--	--	
05/18/95	8.87	--	--	--	--	--	--	--	--	--	--	--	--	
08/17/95	8.87	--	--	--	--	--	--	--	--	--	--	--	--	
07/26/96	8.87	6.40	3.33	4.97	--	--	--	--	--	--	--	--	--	
10/28/96	8.87	4.10	0.21	4.93	-0.04	--	--	--	--	--	--	--	--	
11/13/96	8.87	4.02	0.25	5.04	0.11	--	--	--	--	--	--	--	--	
11/25/96	8.87	4.01	0.75	5.42	0.38	--	--	--	--	--	--	--	--	
12/04/96	8.87	3.65	0.50	5.59	0.17	--	--	--	--	--	--	--	--	
12/19/96	8.87	4.80	2.20	5.72	0.13	--	--	--	--	--	--	--	--	
01/08/97	8.87	4.84	1.75	5.34	-0.38	--	--	--	--	--	--	--	--	
01/14/97	8.87	4.51	1.15	5.22	-0.12	--	--	--	--	--	--	--	--	
01/27/97	8.87	4.00	1.75	6.18	0.96	--	--	--	--	--	--	--	--	
01/29/97	8.87	3.24	0.31	5.86	-0.32	--	--	--	--	--	--	--	--	
02/11/97	8.87	4.65	1.20	5.12	-0.74	--	--	--	--	--	--	--	--	
02/24/97	8.87	4.81	1.10	4.89	-0.23	--	--	--	--	--	--	--	--	
03/10/97	8.87	4.60	0.95	4.98	0.10	--	--	--	--	--	--	--	--	
03/17/97	8.87	4.50	0.89	5.04	0.05	--	--	--	--	--	--	--	--	
03/31/97	8.87	4.65	1.00	4.97	-0.07	--	--	--	--	--	--	--	--	
04/15/97	8.87	4.90	1.03	4.74	-0.23	--	--	--	--	--	--	--	--	
04/28/97	8.87	4.78	0.03	4.11	-0.63	--	--	--	--	--	--	--	--	
05/15/97	8.87	4.60	0.25	4.46	0.35	--	--	--	--	--	--	--	--	
05/27/97	8.87	4.50	0.25	4.56	0.10	--	--	--	--	--	--	--	--	

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														
06/09/97	8.87	4.60	0.20	4.42	--	--	--	--	--	--	--	--	--	
06/24/97	8.87	4.50	0.25	4.56	0.14	--	--	--	--	--	--	--	--	
07/09/97	8.87	4.80	0.60	4.52	-0.04	--	--	--	--	--	--	--	--	
07/15/97	8.87	4.63	0.42	4.55	0.04	--	--	--	--	--	--	--	--	
07/21/97	8.87	4.75	0.25	4.31	-0.25	--	--	--	--	--	--	--	--	
08/06/97	8.87	4.50	0.10	4.44	0.14	--	--	--	--	--	--	--	--	
08/20/97	8.87	4.55	0.10	4.39	-0.05	--	--	--	--	--	--	--	--	
09/02/97	8.87	4.75	0.05	4.16	-0.24	--	--	--	--	--	--	--	--	
10/09/97	8.87	4.84	0.04	4.06	-0.10	--	--	--	--	--	--	--	--	
01/14/98	8.87	3.90	0.94	5.67	1.61	--	--	--	--	--	--	--	--	
02/12/98	8.87	3.35	0.64	6.00	0.33	--	--	--	--	--	--	--	--	
03/03/98	8.87	4.51	0.02	4.37	-1.63	--	--	--	--	--	--	--	--	
04/01/98	8.87	3.67	1.60	6.40	2.03	--	--	--	--	--	--	--	--	
05/26/98	8.87	4.11	0.50	5.13	-1.26	--	--	--	--	--	--	--	--	
06/15/98	8.87	5.03	0.30	4.06	-1.07	--	--	--	--	--	--	--	--	
07/15/98	8.87	4.56	0.05	4.35	0.28	--	--	--	--	--	--	--	--	
08/21/98	8.87	4.77	0.02	4.11	-0.23	--	--	--	--	--	--	--	--	
09/30/98	8.87	5.08	0.03	3.81	-0.30	--	--	--	--	--	--	--	--	
10/16/98	8.87	4.31	2.40	6.36	2.55	--	--	--	--	--	--	--	--	
11/06/98	8.87	3.98	0.17	5.02	-1.34	--	--	--	--	--	--	--	--	
11/25/98	8.87	3.92	0.10	5.02	0.01	--	--	--	--	--	--	--	--	
12/28/98	8.87	3.90	0.20	5.12	0.10	--	--	--	--	--	--	--	--	
01/25/99	8.87	4.18	0.60	5.14	0.02	--	--	--	--	--	--	--	--	
02/22/99	8.87	4.07	0.22	4.96	-0.18	--	--	--	--	--	--	--	--	
03/22/99	8.87	4.32	0.15	4.66	-0.30	--	--	--	--	--	--	--	--	
04/15/99	8.87	4.23	0.95	5.35	0.69	--	--	--	--	--	--	--	--	
05/28/99	8.87	4.38	0.39	4.78	-0.57	--	--	--	--	--	--	--	--	
06/29/99	8.87	4.12	0.02	4.76	-0.02	--	--	--	--	--	--	--	--	
07/14/99	8.87	4.20	0.03	4.69	-0.07	--	--	--	--	--	--	--	--	

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	**(Screen Interval in feet: 3.0-13.0)**													
05/27/97	8.83	4.50	0.00	4.33	--	68	--	ND	ND	ND	ND	--	ND	
06/01/97	8.83	4.54	0.00	4.29	-0.04	--	--	--	--	--	--	--	--	
07/15/97	8.83	4.70	0.00	4.13	--	ND	--	ND	ND	ND	ND	--	ND	
10/09/97	8.83	4.30	0.00	4.53	--	ND	--	ND	ND	ND	ND	--	ND	
01/14/98	8.83	2.88	0.00	5.95	1.42	ND	--	ND	ND	ND	ND	--	36	
04/01/98	8.83	3.13	0.00	5.70	--	ND	--	ND	ND	ND	ND	--	ND	
07/15/98	8.83	4.45	0.00	4.38	--	ND	--	ND	ND	ND	ND	--	ND	
10/16/98	8.83	3.45	0.00	5.38	--	ND	--	ND	ND	ND	ND	--	ND	
01/25/99	8.83	3.22	0.00	5.61	--	ND	--	ND	ND	ND	ND	--	ND	
04/15/99	8.83	3.11	0.00	5.72	--	ND	--	ND	ND	ND	ND	--	ND	
07/14/99	8.83	3.34	0.00	5.49	--	ND	--	ND	ND	ND	ND	--	ND	
10/21/99	8.83	3.43	0.00	5.40	--	ND	--	ND	ND	ND	ND	--	ND	
01/20/00	8.83	3.29	0.00	5.54	--	ND	--	ND	ND	ND	ND	--	4.2	
04/13/00	8.83	3.39	0.00	5.44	--	ND	--	ND	ND	ND	ND	--	ND	
07/14/00	8.83	4.42	0.00	4.41	--	ND	--	ND	ND	ND	ND	--	7.83	
07/17/01	8.83	5.06	0.00	3.77	--	ND	--	ND	ND	ND	ND	--	ND	
10/01/01	8.83	4.98	0.00	3.85	0.08	ND<50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--	ND<5	
01/31/02	8.83	3.88	0.00	4.95	1.10	ND<50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--	ND<2.5	
04/18/02	8.83	4.03	0.00	4.80	-0.15	ND<50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--	5.7	
07/28/02	8.83	3.59	0.00	5.24	0.44	ND<50	--	ND<0.50	ND<0.50	ND<0.50	ND<1	--	3.9	
10/09/02	8.83	4.53	0.00	4.30	-0.94	ND<50	--	ND<0.50	ND<0.50	ND<0.50	ND<1	--	3.9	
01/03/03	8.83	3.36	0.00	5.47	--	ND<50	--	ND<0.50	ND<0.50	ND<0.50	ND<1	--	ND<2	
04/01/03	8.83	3.94	0.00	4.89	-0.58	71	--	ND<0.50	ND<0.50	0.71	ND<1	--	3.4	
07/01/03	8.83	4.60	0.00	4.23	-0.66	64	--	ND<0.50	ND<0.50	0.77	2.0	--	35	
10/02/03	8.83	5.46	0.00	3.37	-0.86	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	4.9	
01/09/04	8.83	3.55	0.00	5.28	1.91	--	54	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	2.4	
04/26/04	8.83	4.49	0.00	4.34	-0.94	--	ND<50	ND<0.50	ND<0.50	ND<0.50	1.5	--	2.3	
MW-8	**(Screen Interval in feet: 3.0-15.0)**													
05/27/97	8.52	3.42	0.00	5.10	--	310	--	0.88	0.67	15	70	--	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-8 continued														
06/01/97	8.52	3.46	0.00	5.06	-0.04	--	--	--	--	--	--	--	--	
07/15/97	8.52	3.49	0.00	5.03	--	ND	--	ND	ND	2.7	3.8	--	ND	
10/09/97	8.52	3.73	0.00	4.79	--	590	--	1.4	ND	32	4.1	--	ND	
01/14/98	8.52	1.92	0.00	6.60	1.81	ND	--	ND	ND	ND	ND	--	ND	
04/01/98	8.52	2.38	0.00	6.14	--	ND	--	ND	ND	ND	ND	--	4.7	
07/15/98	8.52	3.53	0.00	4.99	--	ND	--	ND	ND	0.56	1.1	--	ND	
10/16/98	8.52	3.04	0.00	5.48	--	ND	--	ND	ND	ND	ND	--	ND	
01/25/99	8.52	2.92	0.00	5.60	--	ND	--	ND	ND	ND	ND	--	ND	
04/15/99	8.52	2.40	0.00	6.12	--	ND	--	ND	ND	ND	ND	--	ND	
07/14/99	8.52	3.03	0.00	5.49	--	ND	--	ND	ND	ND	ND	--	ND	
10/21/99	8.52	3.11	0.00	5.41	--	ND	--	ND	ND	ND	ND	--	ND	
01/20/00	8.52	3.06	0.00	5.46	--	ND	--	ND	ND	ND	ND	--	ND	
04/13/00	8.52	2.84	0.00	5.68	--	ND	--	ND	ND	ND	ND	--	ND	
07/14/00	8.52	3.39	0.00	5.13	--	ND	--	ND	ND	ND	ND	--	ND	
07/17/01	8.52	3.46	0.00	5.06	--	ND	--	ND	ND	ND	ND	--	ND	
10/01/01	8.52	3.51	0.00	5.01	-0.05	ND<50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--	ND<5	
01/31/02	8.52	2.75	0.00	5.77	0.76	ND<50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--	ND<2.5	
04/18/02	8.52	2.98	0.00	5.54	-0.23	ND<50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--	ND<2.5	
07/28/02	8.52	2.41	0.00	6.11	0.57	ND<50	--	ND<0.50	ND<0.50	ND<0.50	ND<1	--	ND<2	
10/09/02	8.52	2.09	0.00	6.43	0.32	ND<50	--	ND<0.50	ND<0.50	ND<0.50	ND<1	--	ND<2	
01/02/03	8.52	1.98	0.00	6.54	0.11	ND<50	--	ND<0.50	ND<0.50	ND<0.50	ND<1	--	ND<2	
04/01/03	8.52	2.66	0.00	5.86	--	ND<50	--	ND<0.50	ND<0.50	ND<0.50	ND<1	--	ND<2	
07/01/03	8.52	3.08	0.00	5.44	-0.42	ND<50	--	ND<0.50	ND<0.50	ND<0.50	ND<1	--	ND<2	
10/02/03	8.52	3.89	0.00	4.63	-0.81	--	540	3.9	15	29	80	--	ND<2.0	
01/09/04	8.52	2.38	0.00	6.14	1.51	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<2.0	
04/26/04	8.52	2.89	0.00	5.63	-0.51	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<0.50	
MW-9	**(Screen Interval in feet: 3.0-13.0)**													
02/21/95	8.29	1.98	0.00	6.31	--	70	--	ND	ND	ND	ND	--	--	
05/18/95	8.29	3.47	0.00	4.82	-1.49	52	--	ND	1.1	ND	1.9	--	--	

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														
08/17/95	8.29	1.49	0.00	6.80	1.98	ND	--	ND	ND	ND	ND	--	--	
07/26/96	8.29	0.28	0.00	8.01	1.21	ND	--	ND	ND	ND	ND	--	ND	
10/28/96	8.29	1.15	0.00	7.14	-0.87	ND	--	ND	ND	ND	ND	--	7.6	
01/29/97	8.29	1.05	0.00	7.24	--	ND	--	ND	ND	ND	ND	--	5.4	
04/15/97	8.29	1.88	0.00	6.41	--	ND	--	ND	ND	ND	ND	--	5.4	
05/27/97	8.29	1.05	0.00	7.24	--	--	--	--	--	--	--	--	--	
07/15/97	8.29	1.90	0.00	6.39	--	ND	--	ND	ND	ND	ND	--	ND	
10/09/97	8.29	1.76	0.00	6.53	--	ND	--	ND	ND	ND	ND	--	ND	
01/14/98	8.29	1.26	0.00	7.03	0.50	ND	--	ND	ND	ND	ND	--	3	
04/01/98	8.29	0.85	0.00	7.44	--	ND	--	ND	ND	ND	ND	--	ND	
07/15/98	8.29	1.52	0.00	6.77	--	ND	--	ND	ND	ND	ND	--	ND	
10/16/98	8.29	0.81	0.00	7.48	--	ND	--	ND	ND	ND	ND	--	ND	
01/25/99	8.29	0.92	0.00	7.37	--	ND	--	ND	ND	ND	ND	--	ND	
04/15/99	8.29	0.90	0.00	7.39	--	75	--	21	ND	ND	1.1	--	680	
07/14/99	8.29	1.04	0.00	7.25	--	ND	--	1.9	ND	ND	ND	--	260	
10/21/99	8.29	1.23	0.00	7.06	--	ND	--	ND	ND	ND	ND	--	170	
01/20/00	8.29	1.18	0.00	7.11	--	ND	--	1.1	ND	ND	ND	--	35	
04/13/00	8.29	1.08	0.00	7.21	--	160	--	0.64	ND	ND	ND	--	53	
07/14/00	8.29	1.43	0.00	6.86	--	ND	--	ND	ND	ND	ND	--	20.2	
10/26/00	8.29	1.38	0.00	6.91	--	240	--	2.9	ND	ND	ND	--	56	
01/03/01	8.29	1.66	0.00	6.63	-0.28	166	--	0.763	0.776	ND	1.28	--	50.2	
04/04/01	8.29	--	--	--	--	296	--	0.738	ND	ND	0.907	--	135	
07/17/01	8.29	--	--	--	--	ND	--	ND	ND	ND	ND	--	13	
10/01/01	8.29	--	--	--	--	51	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--	5.0	
01/31/02	8.29	--	--	--	--	ND<50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--	5.8	
04/18/02	8.29	1.76	0.00	6.53	--	ND<50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	--	5.1	
07/28/02	8.29	1.57	0.00	6.72	0.19	ND<50	--	ND<0.50	ND<0.50	ND<0.50	ND<1	--	3.5	
10/09/02	8.29	1.45	0.00	6.84	0.12	ND<50	--	ND<0.50	ND<0.50	ND<0.50	ND<1	--	17	
01/02/03	8.29	1.18	0.00	7.11	0.27	ND<50	--	ND<0.50	ND<0.50	ND<0.50	ND<1	--	8.6	

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														
04/01/03	8.29	2.04	0.00	6.25	--	ND<50	--	ND<0.50	ND<0.50	ND<0.50	ND<1	--	9.4	
07/01/03	8.29	2.80	0.00	5.49	-0.76	ND<50	--	ND<0.50	ND<0.50	ND<0.50	ND<1	--	3.2	
10/02/03	8.29	2.70	0.00	5.59	0.10	--	ND<50	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	ND<2.0	
01/09/04	8.29	1.90	0.00	6.39	0.80	--	74	ND<0.50	0.98	2.3	6.2	--	ND<2.0	
04/26/04	8.29	1.62	0.00	6.67	0.28	--	51	ND<0.50	ND<0.50	ND<0.50	ND<1.0	--	0.51	
MW-10	**(Screen Interval in feet: 3.0-13.0)**													
02/21/95	8.62	4.69	0.00	3.93	--	1500	--	250	26	9.1	160	--	--	
05/18/95	8.62	4.92	0.00	3.70	-0.23	810	--	520	ND	18	23	--	--	
08/17/95	8.62	4.05	0.00	4.57	0.87	67	--	25	ND	2.4	ND	--	--	
07/26/96	8.62	4.08	0.00	4.54	-0.03	ND	--	3.7	ND	ND	ND	--	ND	
10/28/96	8.62	4.09	0.00	4.53	-0.01	ND	--	1.1	ND	ND	ND	--	ND	
01/29/97	8.62	2.94	0.00	5.68	--	210	--	41	0.67	7.2	4.8	--	11	
04/15/97	8.62	4.07	0.00	4.55	--	110	--	12	ND	0.77	ND	--	9.7	
05/27/97	8.62	4.40	0.00	4.22	--	--	--	--	--	--	--	--	--	
07/15/97	8.62	4.19	0.00	4.43	--	ND	--	2.1	ND	0.67	0.73	--	ND	
10/09/97	8.62	4.75	0.00	3.87	--	190	--	38	0.92	6.6	7.6	--	ND	
01/14/98	8.62	2.66	0.00	5.96	2.09	59	--	9.5	0.85	1.2	1.7	--	4.5	
04/01/98	8.62	3.45	0.00	5.17	--	230	--	66	1.7	12	17	--	6.4	
07/15/98	8.62	4.21	0.00	4.41	--	290	--	98	45	21	38	--	21	
10/16/98	8.62	4.11	0.00	4.51	--	160	--	44	0.96	2.5	10	--	17	
01/25/99	8.62	3.26	0.00	5.36	--	140	--	27	ND	2.8	6.8	--	23	
04/15/99	8.62	3.63	0.00	4.99	--	120	--	18	ND	1.8	5.1	--	14	
07/14/99	8.62	3.89	0.00	4.73	--	280	--	55	3.2	11	31	--	6.1	
10/21/99	8.62	4.09	0.00	4.53	--	140	--	22	0.59	1.7	7.7	--	5.3	
01/20/00	8.62	3.92	0.00	4.70	--	ND	--	0.73	0.86	ND	ND	--	5.2	
04/13/00	8.62	3.85	0.00	4.77	--	67	--	54	ND	2.6	ND	--	3.8	
07/14/00	8.62	4.18	0.00	4.44	--	ND	--	0.547	ND	ND	ND	--	ND	
10/26/00	8.62	3.96	0.00	4.66	--	ND	--	3.3	ND	0.83	1.5	--	ND	
01/03/01	8.62	4.14	0.00	4.48	-0.18	52.7	--	5.15	ND	0.823	1.57	--	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-10	continued													
04/04/01	8.62	--	--	--	--	129	--	28.1	1.67	4.97	10.1	--	ND	
07/17/01	8.62	--	--	--	--	ND	--	4.1	ND	1.0	1.8	--	ND	
10/01/01	8.62	--	--	--	--	140	--	30	0.51	4.0	12	--	ND<5	
01/31/02	8.62	--	--	--	--	110	--	16	ND<0.50	2.3	5.6	--	ND<2.5	
04/18/02	8.62	4.01	0.00	4.61	--	ND<50	--	11	ND<0.50	1.4	4.5	--	ND<2.5	
07/28/02	8.62	4.11	0.00	4.51	-0.10	67	--	15	ND<0.50	0.94	7.3	--	ND<2	
10/09/02	8.62	3.97	0.00	4.65	0.14	ND<50	--	0.67	ND<0.50	ND<0.50	ND<1	--	ND<2	
01/02/03	8.62	3.03	0.00	5.59	0.94	ND<50	--	ND<0.50	ND<0.50	ND<0.50	ND<1	--	ND<2	
04/01/03	8.62	3.83	0.00	4.79	--	ND<50	--	11	ND<0.50	ND<0.50	ND<1	--	ND<2	
07/01/03	8.62	4.13	0.00	4.49	-0.30	ND<50	--	ND<0.50	ND<0.50	ND<0.50	ND<1	--	ND<2	
10/02/03	8.62	4.05	0.00	4.57	0.08	--	77	9.9	0.78	2.3	4.9	--	ND<2.0	
01/09/04	8.62	3.40	0.00	5.22	0.65	--	53	1.2	ND<0.50	0.70	1.6	--	ND<2.0	
04/26/04	8.62	3.89	0.00	4.73	-0.49	--	ND<50	2.8	1.3	1.0	2.9	--	ND<0.50	

Table 3
SUMMARY OF ADDITIONAL CHEMICAL ANALYSIS RESULTS
76 Station 5043

Date Sampled	TPH-D	EDB	TAME 8260B	TBA 8260B	DIPE 8260B	ETBE 8260B	Ethanol 8260B	1,2 DCE
	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)
MW-1								
02/18/92	13000	--	--	--	--	--	--	--
08/31/92	8900	--	--	--	--	--	--	--
MW-2								
02/18/92	4300	--	--	--	--	--	--	--
05/20/92	4300	--	--	--	--	--	--	--
08/31/92	1600	--	--	--	--	--	--	--
11/30/92	5700	--	--	--	--	--	--	--
02/04/93	6100	--	--	--	--	--	--	--
05/04/93	7100	--	--	--	--	--	--	--
08/04/93	1800	--	--	--	--	--	--	--
11/03/93	2600	--	--	--	--	--	--	--
05/19/94	3000	--	--	--	--	--	--	--
08/15/94	2800	--	--	--	--	--	--	--
11/14/94	10000	--	--	--	--	--	--	--
02/21/95	2000	--	--	--	--	--	--	--
MW-3								
02/18/92	ND	--	--	--	--	--	--	--
08/31/92	92	--	--	--	--	--	--	--
11/30/92	94	--	--	--	--	--	--	--
02/04/93	550	--	--	--	--	--	--	--
05/04/93	250	--	--	--	--	--	--	--
08/04/93	100	--	--	--	--	--	--	--
11/03/93	160	--	--	--	--	--	--	--
02/07/94	620	--	--	--	--	--	--	--
05/19/94	480	--	--	--	--	--	--	--
08/15/94	110	--	--	--	--	--	--	--

Date Sampled	TPH-D	EDB	TAME 8260B	TBA 8260B	DIPE 8260B	ETBE 8260B	Ethanol 8260B	1,2 DCE
	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)
MW-3 continued								
11/14/94	150	--	--	--	--	--	--	--
02/21/95	850	--	--	--	--	--	--	--
05/18/95	150	--	--	--	--	--	--	--
06/01/97	610	--	--	--	--	--	--	--
07/15/97	240	--	--	--	--	--	--	--
10/09/97	500	--	--	--	--	--	--	--
01/14/98	340	--	--	--	--	--	--	--
04/01/98	320	--	--	--	--	--	--	--
07/15/98	510	--	--	--	--	--	--	--
10/16/98	67	--	--	--	--	--	--	--
01/25/99	120	--	--	--	--	--	--	--
04/15/99	170	--	--	--	--	--	--	--
07/14/99	420	--	--	--	--	--	--	--
10/21/99	350	--	--	--	--	--	--	--
01/20/00	2060	--	--	--	--	--	--	--
04/13/00	200	ND	ND	ND	ND	ND	ND	ND
07/14/00	423	--	--	--	--	--	--	--
01/03/01	287	--	--	--	--	--	--	--
04/04/01	360	--	--	--	--	--	--	--
07/17/01	270	--	--	--	--	--	--	--
10/01/01	270	--	--	--	--	--	--	--
01/31/02	250	--	--	--	--	--	--	--
04/18/02	320	--	--	--	--	--	--	--
07/28/02	310	--	--	--	--	--	--	--
10/09/02	700	--	--	--	--	--	--	--
01/02/03	210	ND<2	ND<2	ND<100	ND<2	ND<2	ND<500	ND<2
04/01/03	200	--	--	--	--	--	--	--
07/01/03	380	--	--	--	--	--	ND<2500	--
10/02/03	300	--	--	--	--	--	ND<2500	--
01/09/04	200	--	--	--	--	--	ND<500	--

Date Sampled	TPH-D	EDB	TAME 8260B	TBA 8260B	DIPE 8260B	ETBE 8260B	Ethanol 8260B	1,2 DCE
	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)
MW-3 continued								
04/26/04	160	--	--	--	--	--	ND<50	--
MW-4								
08/31/92	90	--	--	--	--	--	--	--
11/30/92	61	--	--	--	--	--	--	--
02/04/93	ND	--	--	--	--	--	--	--
05/04/93	ND	--	--	--	--	--	--	--
08/04/93	81	--	--	--	--	--	--	--
11/03/93	68	--	--	--	--	--	--	--
02/07/94	ND	--	--	--	--	--	--	--
05/19/94	90	--	--	--	--	--	--	--
08/15/94	72	--	--	--	--	--	--	--
11/14/94	ND	--	--	--	--	--	--	--
MW-5								
08/31/92	690	--	--	--	--	--	--	--
11/30/92	470	--	--	--	--	--	--	--
02/04/93	5500	--	--	--	--	--	--	--
05/04/93	4600	--	--	--	--	--	--	--
08/04/93	970	--	--	--	--	--	--	--
11/03/93	2100	--	--	--	--	--	--	--
02/07/94	830	--	--	--	--	--	--	--
05/19/94	600	--	--	--	--	--	--	--
08/15/94	860	--	--	--	--	--	--	--
11/14/94	290	--	--	--	--	--	--	--
MW-6								
08/31/92	750	--	--	--	--	--	--	--
11/30/92	1400	--	--	--	--	--	--	--
02/04/93	890	--	--	--	--	--	--	--
05/04/93	1800	--	--	--	--	--	--	--
08/04/93	1100	--	--	--	--	--	--	--

Date Sampled	TPH-D	EDB	TAME 8260B	TBA 8260B	DIPE 8260B	ETBE 8260B	Ethanol 8260B	1,2 DCE
	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)
MW-6 continued								
11/03/93	390	--	--	--	--	--	--	--
02/07/94	970	--	--	--	--	--	--	--
05/19/94	1400	--	--	--	--	--	--	--
08/15/94	790	--	--	--	--	--	--	--
11/14/94	800	--	--	--	--	--	--	--
02/21/95	730	--	--	--	--	--	--	--
01/20/00	67600	--	--	--	--	--	--	--
04/13/00	8700	--	--	--	--	--	--	--
07/14/00	133000	--	--	--	--	--	--	--
10/26/00	61000	--	--	--	--	--	--	--
01/03/01	929	--	--	--	--	--	--	--
04/04/01	18000	ND	ND	ND	ND	ND	ND	ND
07/17/01	20000	--	--	--	--	--	--	--
10/01/01	24000	--	--	--	--	--	--	--
01/31/02	11000	--	--	--	--	--	--	--
04/18/02	3500	--	--	--	--	--	--	--
07/28/02	27000	--	--	--	--	--	--	--
10/09/02	170000	--	--	--	--	--	--	--
01/02/03	66000	--	--	--	--	--	--	--
04/01/03	35000	--	--	--	--	--	--	--
07/01/03	11000	--	--	--	--	--	ND<25000	--
10/02/03	ND<50	--	--	--	--	--	ND<200000	--
01/09/04	20000	--	--	--	--	--	ND<50000	--
04/26/04	13000	--	--	--	--	--	ND<5000	--
MW-7								
06/01/97	69	--	--	--	--	--	--	--
07/15/97	ND	--	--	--	--	--	--	--
10/09/97	190	--	--	--	--	--	--	--
01/14/98	65	--	--	--	--	--	--	--

Date Sampled	TPH-D	EDB	TAME 8260B	TBA 8260B	DIPE 8260B	ETBE 8260B	Ethanol 8260B	1,2 DCE
	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)
MW-7 continued								
04/01/98	ND	--	--	--	--	--	--	--
07/15/98	74	--	--	--	--	--	--	--
10/16/98	ND	--	--	--	--	--	--	--
01/25/99	ND	--	--	--	--	--	--	--
04/15/99	ND	--	--	--	--	--	--	--
07/14/99	69	--	--	--	--	--	--	--
10/21/99	ND	--	--	--	--	--	--	--
01/20/00	ND	--	--	--	--	--	--	--
04/13/00	ND	--	--	--	--	--	--	--
07/14/00	68	--	--	--	--	--	--	--
07/17/01	ND	--	--	--	--	--	--	--
10/01/01	ND<51	--	--	--	--	--	--	--
01/31/02	90	--	--	--	--	--	--	--
04/18/02	78	--	--	--	--	--	--	--
07/28/02	ND<50	--	--	--	--	--	--	--
10/09/02	ND<96	--	--	--	--	--	--	--
01/03/03	78	--	--	--	--	--	--	--
04/01/03	67	--	--	--	--	--	--	--
07/01/03	68	--	--	--	--	--	ND<500	--
10/02/03	82	--	--	--	--	--	ND<500	--
01/09/04	75	--	--	--	--	--	ND<500	--
04/26/04	ND<50	--	--	--	--	--	ND<50	--
MW-8								
05/27/97	320	--	--	--	--	--	--	--
06/01/97	320	--	--	--	--	--	--	--
07/15/97	ND	--	--	--	--	--	--	--
10/09/97	390	--	--	--	--	--	--	--
01/14/98	230	--	--	--	--	--	--	--
04/01/98	510	--	--	--	--	--	--	--

Date Sampled	TPH-D	EDB	TAME 8260B	TBA 8260B	DIPE 8260B	ETBE 8260B	Ethanol 8260B	1,2 DCE
	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)
MW-8 continued								
07/15/98	140	--	--	--	--	--	--	--
10/16/98	170	--	--	--	--	--	--	--
01/25/99	ND	--	--	--	--	--	--	--
04/15/99	91	--	--	--	--	--	--	--
07/14/99	120	--	--	--	--	--	--	--
10/21/99	110	--	--	--	--	--	--	--
01/20/00	583	--	--	--	--	--	--	--
04/13/00	80	--	--	--	--	--	--	--
07/14/00	113	--	--	--	--	--	--	--
07/17/01	ND	--	--	--	--	--	--	--
10/01/01	ND<50	--	--	--	--	--	--	--
01/31/02	260	--	--	--	--	--	--	--
04/18/02	160	--	--	--	--	--	--	--
07/28/02	140	--	--	--	--	--	--	--
10/09/02	120	--	--	--	--	--	--	--
01/02/03	210	--	--	--	--	--	--	--
04/01/03	220	--	--	--	--	--	--	--
07/01/03	170	--	--	--	--	--	ND<500	--
10/02/03	350	--	--	--	--	--	ND<500	--
01/09/04	180	--	--	--	--	--	ND<500	--
04/26/04	100	--	--	--	--	--	ND<50	--
MW-9								
02/21/95	71	--	--	--	--	--	--	--
05/18/95	ND	--	--	--	--	--	--	--
08/17/95	ND	--	--	--	--	--	--	--
07/26/96	98	--	--	--	--	--	--	--
10/28/96	99	--	--	--	--	--	--	--
01/29/97	54	--	--	--	--	--	--	--
04/15/97	94	--	--	--	--	--	--	--

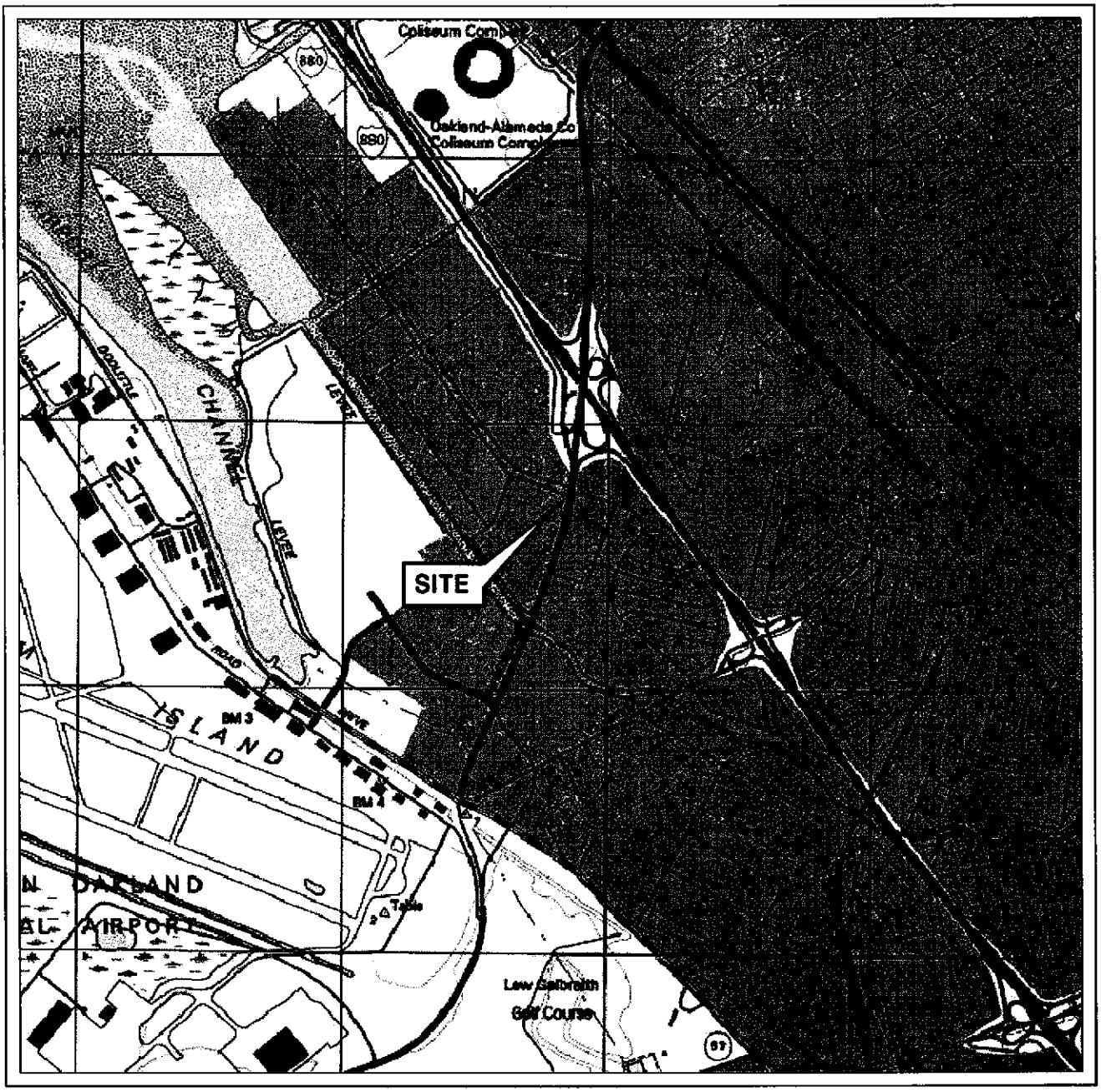
Date Sampled	TPH-D	EDB	TAME 8260B	TBA 8260B	DIPE 8260B	ETBE 8260B	Ethanol 8260B	1,2 DCE
	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)
MW-9 continued								
07/15/97	ND	--	--	--	--	--	--	--
10/09/97	160	--	--	--	--	--	--	--
01/14/98	110	--	--	--	--	--	--	--
04/01/98	110	--	--	--	--	--	--	--
07/15/98	200	--	--	--	--	--	--	--
10/16/98	ND	--	--	--	--	--	--	--
01/25/99	ND	--	--	--	--	--	--	--
04/15/99	ND	--	--	--	--	--	--	--
07/14/99	140	--	--	--	--	--	--	--
10/21/99	210	--	--	--	--	--	--	--
01/20/00	519	--	--	--	--	--	--	--
04/13/00	81	--	--	--	--	--	--	--
07/14/00	107	--	--	--	--	--	--	--
10/26/00	240	--	--	--	--	--	--	--
01/03/01	164	--	--	--	--	--	--	--
04/04/01	240	--	--	--	--	--	--	--
07/17/01	ND	--	--	--	--	--	--	--
10/01/01	ND<52	--	--	--	--	--	--	--
01/31/02	200	--	--	--	--	--	--	--
04/18/02	ND<50	--	--	--	--	--	--	--
07/28/02	ND<50	--	--	--	--	--	--	--
10/09/02	100	--	--	--	--	--	--	--
01/02/03	ND<50	--	--	--	--	--	--	--
04/01/03	56	--	--	--	--	--	--	--
07/01/03	ND<50	--	--	--	--	--	ND<500	--
10/02/03	ND<50	--	--	--	--	--	ND<500	--
01/09/04	91	--	--	--	--	--	ND<500	--
04/26/04	ND<50	--	--	--	--	--	ND<50	--

MW-10

Date Sampled	TPH-D	EDB	TAME 8260B	TBA 8260B	DIPE 8260B	ETBE 8260B	Ethanol 8260B	1,2 DCE
	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)
MW-10	continued							
02/21/95	270	--	--	--	--	--	--	--
05/18/95	75	--	--	--	--	--	--	--
08/17/95	ND	--	--	--	--	--	--	--
07/26/96	ND	--	--	--	--	--	--	--
10/28/96	ND	--	--	--	--	--	--	--
01/29/97	ND	--	--	--	--	--	--	--
04/15/97	ND	--	--	--	--	--	--	--
07/15/97	ND	--	--	--	--	--	--	--
10/09/97	ND	--	--	--	--	--	--	--
04/01/98	62	--	--	--	--	--	--	--
07/15/98	78	--	--	--	--	--	--	--
10/16/98	ND	--	--	--	--	--	--	--
01/25/99	ND	--	--	--	--	--	--	--
04/15/99	ND	--	--	--	--	--	--	--
07/14/99	180	--	--	--	--	--	--	--
10/21/99	96	--	--	--	--	--	--	--
01/20/00	252	--	--	--	--	--	--	--
04/13/00	69	--	--	--	--	--	--	--
07/14/00	149	--	--	--	--	--	--	--
10/26/00	83	--	--	--	--	--	--	--
01/03/01	126	--	--	--	--	--	--	--
04/04/01	75	--	--	--	--	--	--	--
07/17/01	ND	--	--	--	--	--	--	--
10/01/01	100	--	--	--	--	--	--	--
01/31/02	170	--	--	--	--	--	--	--
04/18/02	130	--	--	--	--	--	--	--
07/28/02	58	--	--	--	--	--	--	--
10/09/02	ND<94	--	--	--	--	--	--	--
01/02/03	64	--	--	--	--	--	--	--
04/01/03	76	--	--	--	--	--	--	--

Date Sampled	TPH-D	EDB	TAME 8260B	TBA 8260B	DIPE 8260B	ETBE 8260B	Ethanol 8260B	1,2 DCE
	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)	(µg/l)
MW-10	continued							
07/01/03	87	--	--	--	--	--	ND<500	--
10/02/03	160	--	--	--	--	--	ND<500	--
01/09/04	74	--	--	--	--	--	ND<500	--
04/26/04	ND<50	--	--	--	--	--	ND<50	--

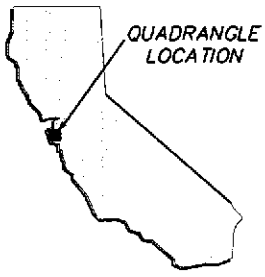
FIGURES



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

SCALE 1: 24,000

N



SOURCE:

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

VICINITY MAP

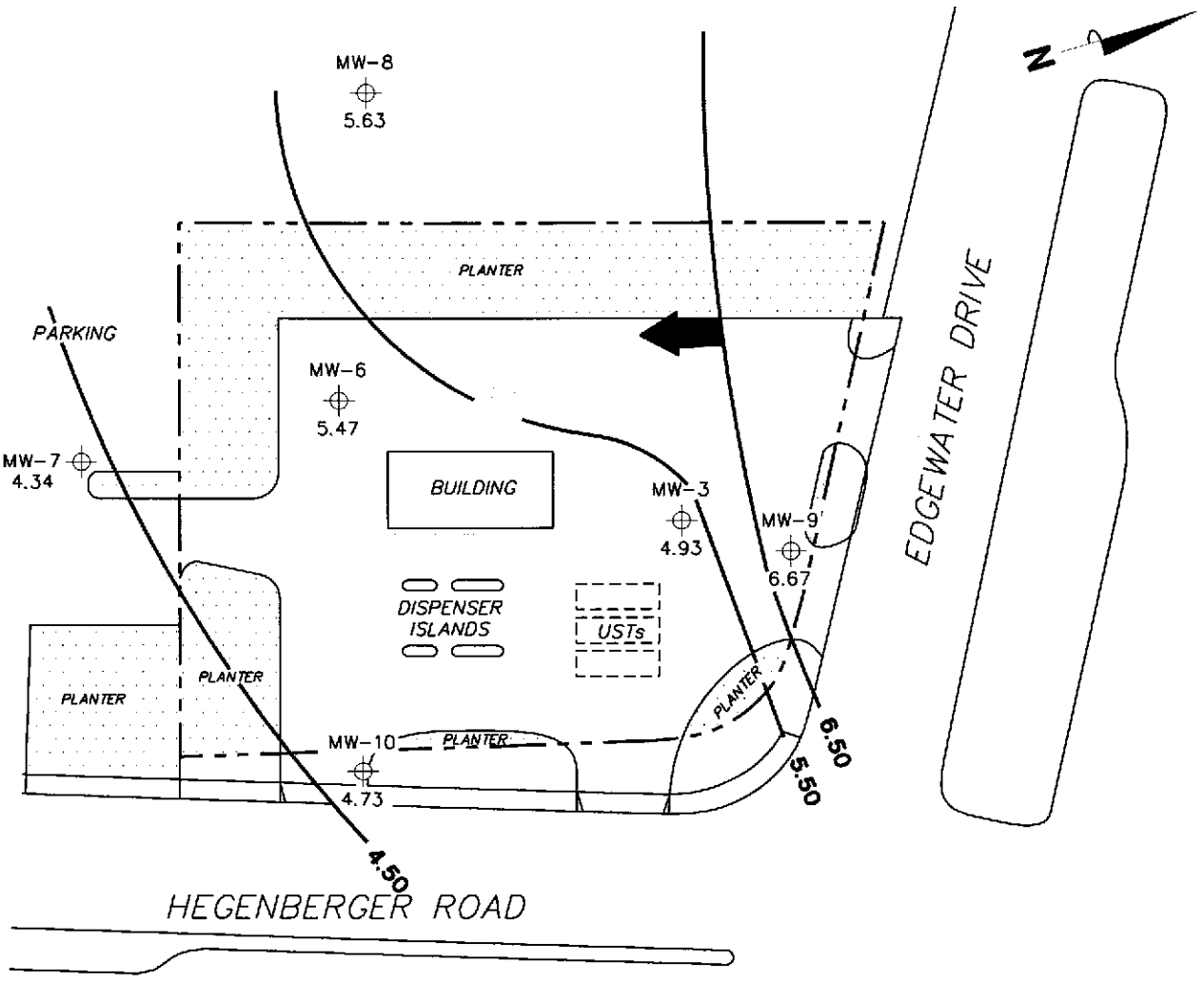
76 Station 5043
449 Hegenberger Road
Oakland, California

TRC

FIGURE 1

PS = 1:1

Graphics on Ir1(i:)\VICINITY MAPS\5043vm.dwg 11/17/03 cme



NOTES:

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

LEGEND

MW-10 ⊕ Monitoring Well with Groundwater Elevation (feet)

6.50 —— Groundwater Elevation Contour

➡ General Direction of Groundwater Flow

GROUNDWATER ELEVATION CONTOUR MAP
April 26, 2004

76 Station 5043
449 Hegenberger Road
Oakland, California

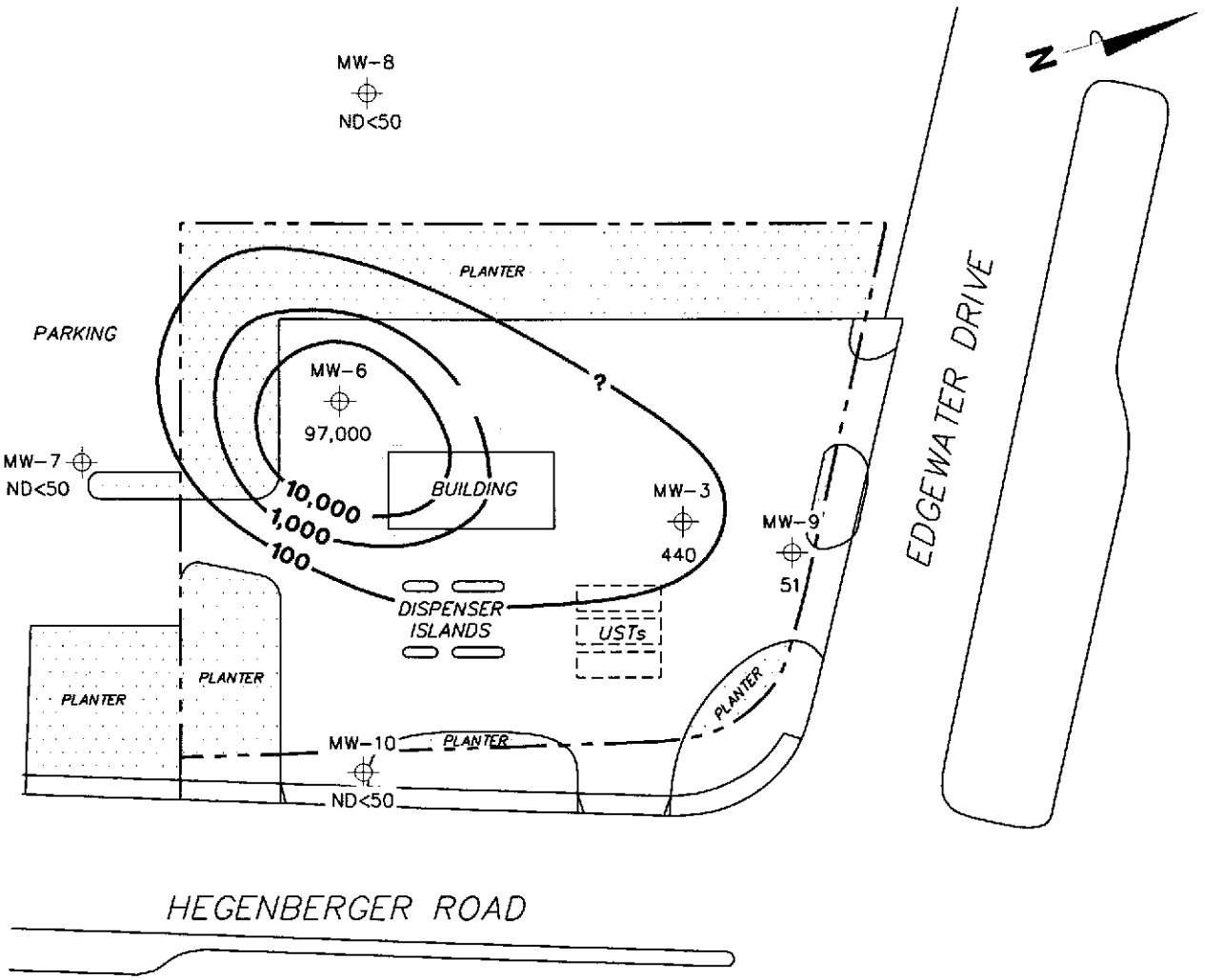
SCALE (FEET)
0 60

FIGURE 2

TRC

PS=1:1 5043-003

Graphics on Ir1(I:)\GRAPHICS\Projects By...\20-xxxx\20-0400\x-5000\5043+\5043qms.dwg 5/17/04 dml



NOTES:

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

LEGEND

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

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

DISSOLVED-PHASE TPPH CONCENTRATION MAP
April 26, 2004

76 Station 5043
449 Hegenberger Road
Oakland, California

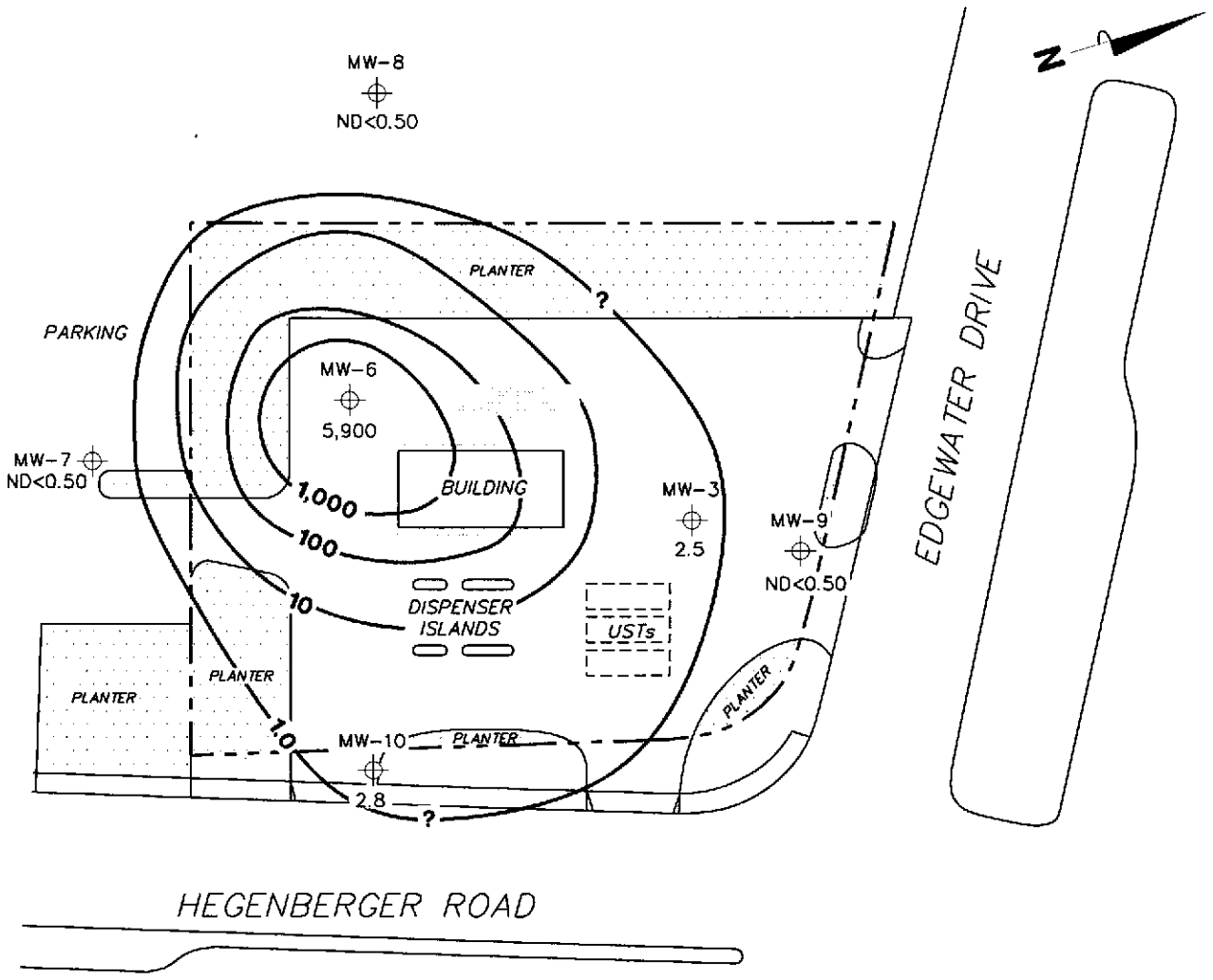
TRC

SCALE (FEET)
0 60

PS=1:1 5043-003

FIGURE 3

Graphics on Ir1(I:)\GRAPHICS\Projects By...\20-xxxx\20-0400\x-5000\5043+\5043qms.dwg 5/17/04 dml



NOTES:

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

LEGEND

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

—1,000— Dissolved-Phase Benzene Contour (µg/l)

DISSOLVED-PHASE BENZENE CONCENTRATION MAP
April 26, 2004

76 Station 5043
449 Hegenberger Road
Oakland, California

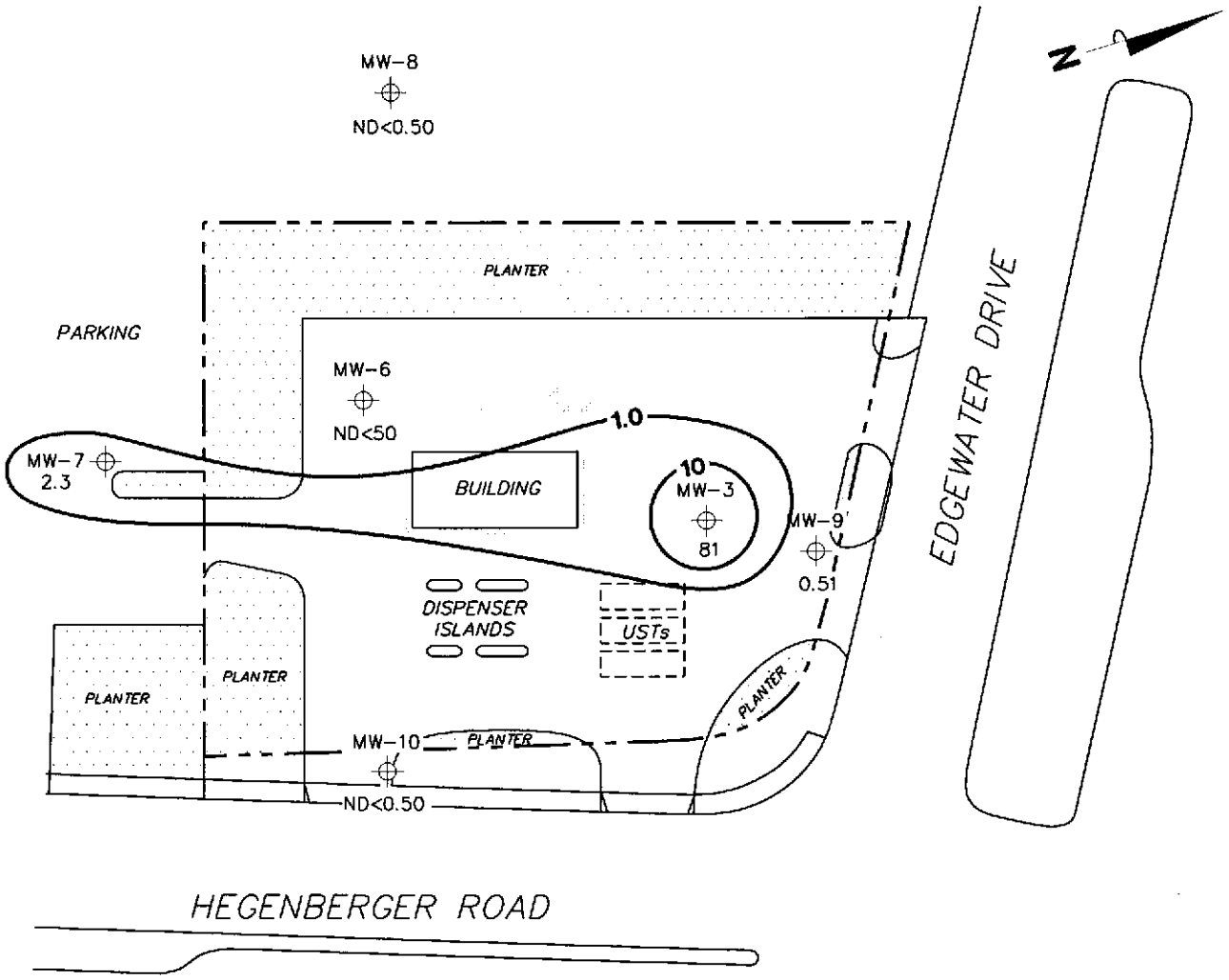
TRC

SCALE (FEET)
0 60

PS=1:1 5043-003

FIGURE 4

Graphics on Ir1(I:)\GRAPHICS\Projects By...\20-xxxx\20-0400\x-5000\5043+\5043qms.dwg 5/17/04 dml



NOTES:

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

LEGEND

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

10 Dissolved-Phase MTBE Contour (µg/l)

DISSOLVED-PHASE MTBE CONCENTRATION MAP
April 26, 2004

76 Station 5043
449 Hegenberger Road
Oakland, California

TRC

SCALE (FEET)
0 60

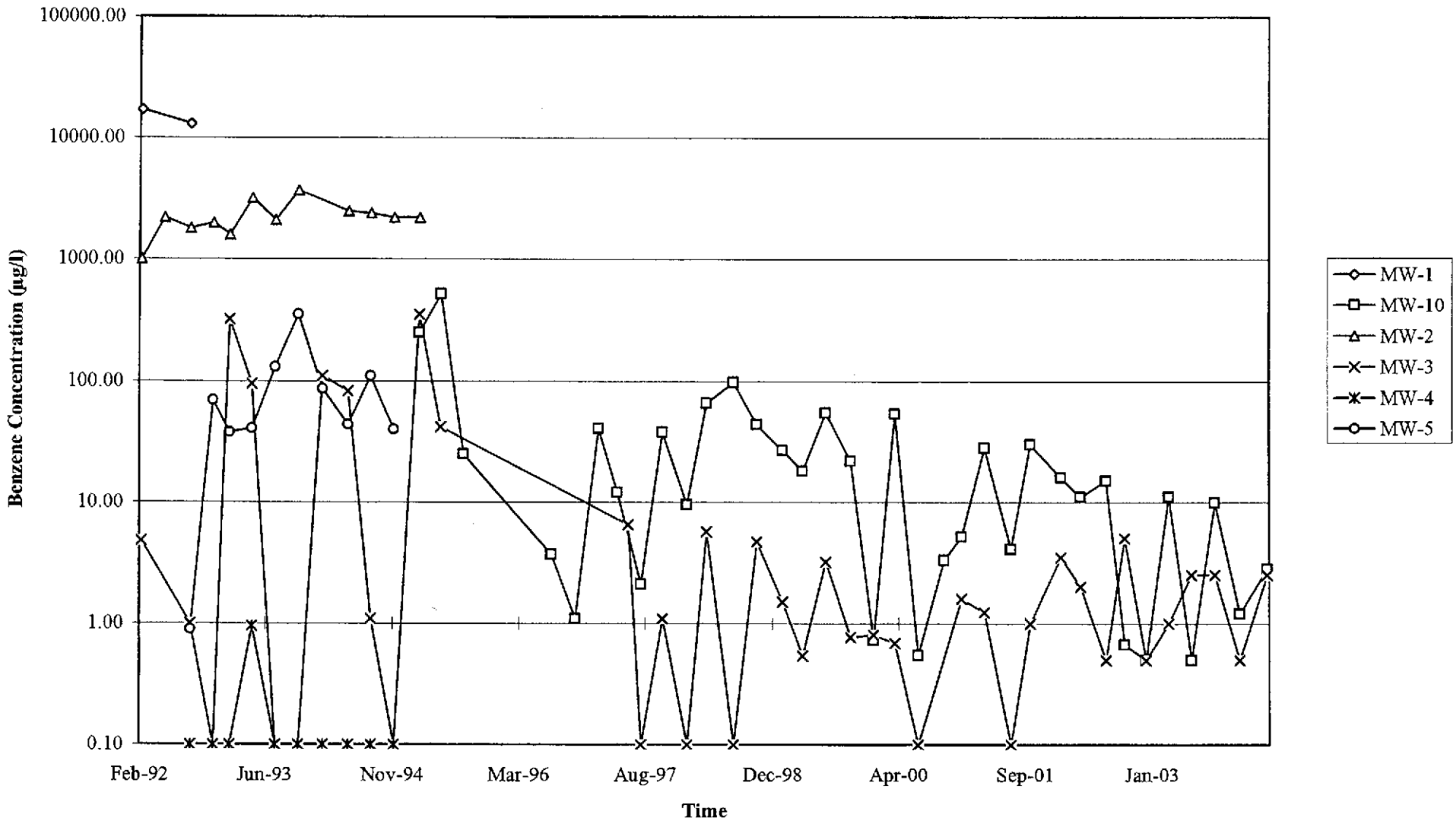
FIGURE 5

PS=1:1 5043-003

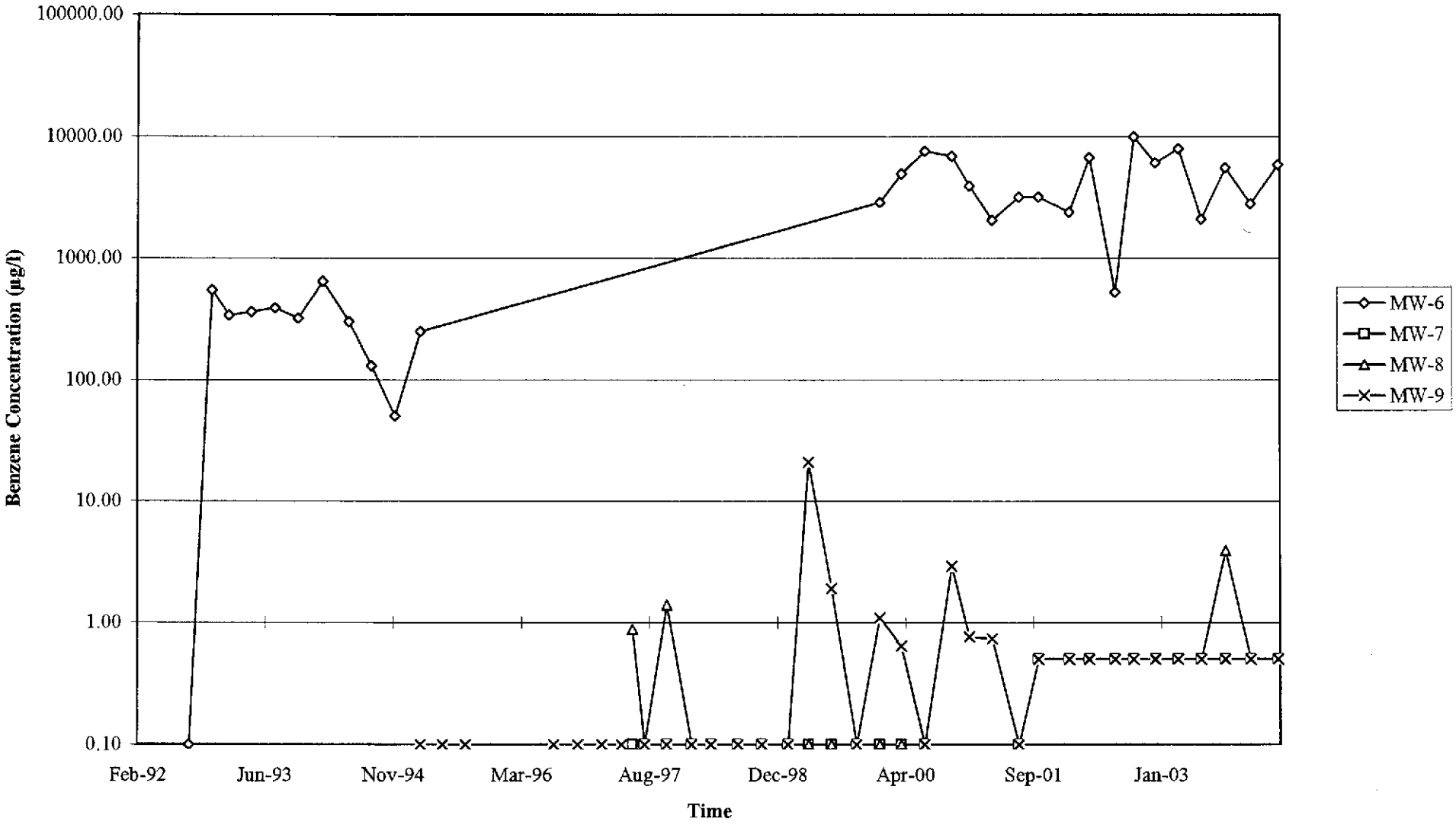
Graphics on Ir1(I:)\GRAPHICS\Projects By...\20-xxxx\20-0400\x-5000\5043+\5043qms.dwg 5/17/04 dml

GRAPHS

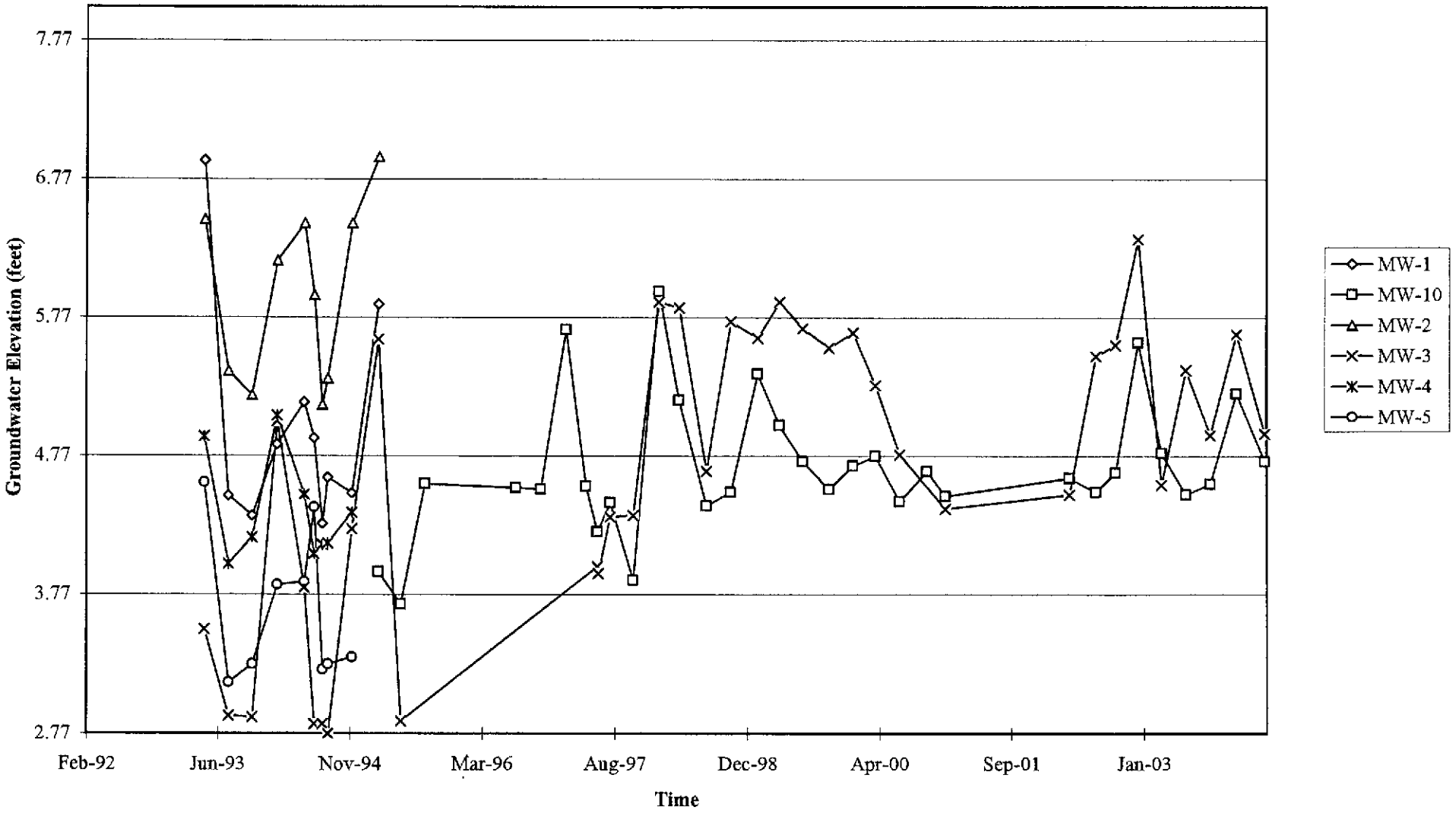
Graph 1
Benzene Concentrations vs. Time
76 Station 5043



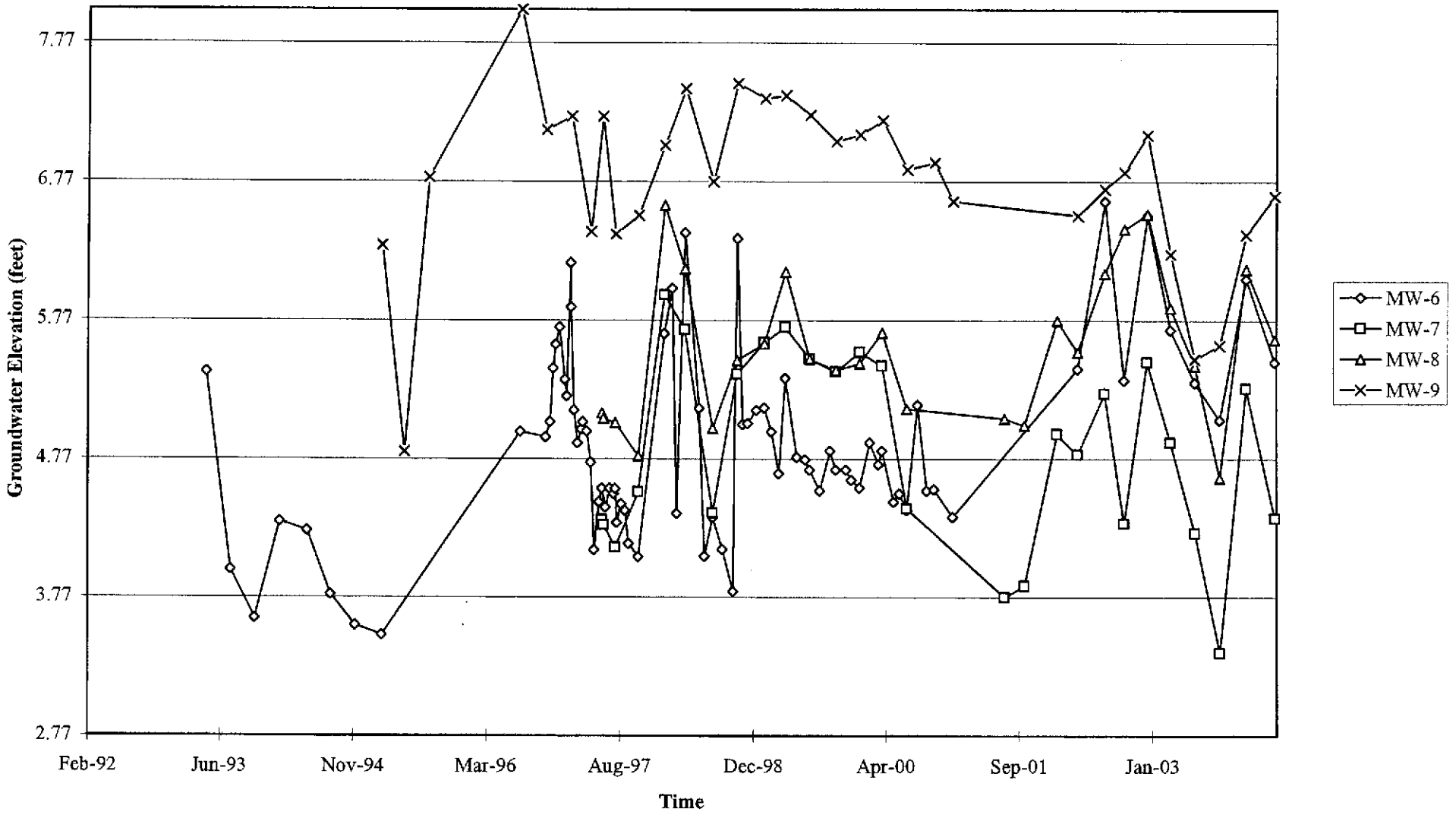
Graph 2
Benzene Concentrations vs. Time
76 Station 5043



Graph 3
Hydrograph
76 Station 5043



Graph 4
Hydrograph
76 Station 5043



GENERAL FIELD PROCEDURES

Groundwater Monitoring and Sampling Assignments

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

Fluid Level Measurements

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

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

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

Purging and Groundwater Parameter Measurement

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

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

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

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

Groundwater Sample Collection

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

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

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

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

Sequence of Gauging, Purging, and Sampling

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

Decontamination

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

Exceptions

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

FIELD MONITORING DATA SHEET

Technician: MOEN   Job #/Task #: 41050001/FA26   Date: 4/26/04

Site # 5043   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-10		✓	12.75	3.89	0	0	0758	2"
MW-7		✓	12.61	4.49	0	0	0946	2"
MW-8		✓	14.79	2.89	0	0	1000	2"
MW-6		✓	12.72	3.40	0	0	0918	2"
MW-3		✓	14.02	3.11	0	0	0930	2"
MW-9		✓	12.60	1.62	0	0	0940	2"

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

WTT CERTIFICATE   MANIFEST   DRUM INVENTORY ✓   TRAFFIC CONTROL

GROUNDWATER SAMPLING FIELD NOTES

Technician: MDEW

Site: SDB   Project No.: 410S0001   Date: 4/26/04

Well No.: MW-7   Purge Method: D
Depth to Water (feet): 4.49   Depth to Product (feet): 0
Total Depth (feet): 12.81   LPH & Water Recovered (gallons): 0
Water Column (feet): 8.32   Casing Diameter (Inches): 2"
80% Recharge Depth (feet): 6.15   1 Well Volume (gallons): 1

Time Start	Time Stop	Depth To Water (feet)	Volume Purged (gallons)	Conductivity (uS/cm)	Temperature (F, C)	pH	Turbidity	D.O.
0806			1	5.77	20.7	8.34		
			2	2.68	20.9	8.61		
	0809		3	6.55	20.6	8.09		

Static at Time Sampled	Total Gallons Purged	Time Sampled
4.55	3	0946

Comments: WAIT FOR WELL TO RECHARGE 80%. 1:45 min

Well No.: MW-8   Purge Method: D
Depth to Water (feet): 2.89   Depth to Product (feet): 0
Total Depth (feet): 14.79   LPH & Water Recovered (gallons): 0
Water Column (feet): 11.9   Casing Diameter (Inches): 2"
80% Recharge Depth (feet): 5.27   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.
0820			2	8.63	19.7	8.36		
			4	7.77	19.3	8.28		
	0825		6	7.06	19.4	8.20		

Static at Time Sampled	Total Gallons Purged	Time Sampled
3.84	6	1000

Comments: WAIT FOR WELL TO RECHARGE 80%. 1:35 min

GROUNDWATER SAMPLING FIELD NOTES

Technician: LYDEN

Site: 5043 Project No.: 4105001 Date: 4/26/04

Well No.: MW-43 Purge Method: D

Depth to Water (feet): 3.11 Depth to Product (feet): D

Total Depth (feet): 14.02 LPH & Water Recovered (gallons): D

Water Column (feet): 10.91 Casing Diameter (Inches): 2

80% Recharge Depth (feet): 5.29 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.
0720			2	2.42	19.8	7.61		
			4	2.41	20.4	7.84		
	0725		6	2.56	20.1	7.96		

Static at Time Sampled	Total Gallons Purged	Time Sampled
7.05	6	0930

Comments: WAIT FOR WELL TO RECHARGE 80%
DID NOT RECOVER WITHIN 2HR.

Well No.: MW-86R Purge Method: D

Depth to Water (feet): 3.40 Depth to Product (feet): D

Total Depth (feet): 12.72 LPH & Water Recovered (gallons): D

Water Column (feet): 9.32 Casing Diameter (Inches): 2

80% Recharge Depth (feet): 5.26 1 Well Volume (gallons): 1.5

Time Start	Time Stop	Depth To Water (feet)	Volume Purged (gallons)	Conduc-tivity (uS/cm)	Temperature (F, C)	pH	Turbidity	D.O.
0710			1	4.57	18.3	8.19		
			2	3.29	18.9	8.30		
	0714		3	4.70	19.0	8.27		

Static at Time Sampled	Total Gallons Purged	Time Sampled
5.93	3	0915

Comments: WAIT FOR WELL TO RECHARGE 80%.
DID NOT RECOVER WITHIN 2HR.

GROUNDWATER SAMPLING FIELD NOTES

Technician: WOELL

Site: 5043   Project No.: 41050001   Date: 4/26/04

Well No.: MW - 10   Purge Method: 0

Depth to Water (feet): 3.89   Depth to Product (feet): 0

Total Depth (feet): 12.75   LPH & Water Recovered (gallons): 0

Water Column (feet): 8.86   Casing Diameter (Inches): 2"

80% Recharge Depth (feet): 5.66   1 Well Volume (gallons): 1

Time Start	Time Stop	Depth To Water (feet)	Volume Purged (gallons)	Conductivity (uS/cm)	Temperature (F, C)	pH	Turbidity	D.O.
0746			1	3.63	19.3	8.74		
			2	3.08	19.2	8.69		
	0750		3	2.55	19.4	8.48		

Static at Time Sampled	Total Gallons Purged	Time Sampled
3.95	3	0756

Comments: ~~IF WAIT FOR WELL TO RECHARGE 80%~~

Well No.: MW -9   Purge Method: 0

Depth to Water (feet): 1.62   Depth to Product (feet): 0

Total Depth (feet): 12.60   LPH & Water Recovered (gallons): 0

Water Column (feet): 10.98   Casing Diameter (Inches): 2"

80% Recharge Depth (feet): 3.81   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.
0733			2	3.49	20.2	8.31		
			4	4.14	20.6	8.28		
	0738		6	3.63	20.2	8.41		

Static at Time Sampled	Total Gallons Purged	Time Sampled
2.99	6	0940

Comments: WAIT FOR WELL TO RECHARGE 80%. 2HR.

SEVERN TRENT STL

Submission#: 2004-04-0885

TRC Alton Geoscience

May 12, 2004

21 Technology Drive
Irvine, CA 92718

Attn.: Anju Farfan

Project#: 41050001FA20
Project: Conoco Phillips #5043
Site: 449 Hegenberger Rd., Oakland

Attached is our report for your samples received on 04/27/2004 17:30
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 06/11/2004 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 #: 2004-04-0885

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: 41050001FA20
Conoco Phillips #5043

Received: 04/27/2004 17:30

Site: 449 Hegenberger Rd., Oakland

Samples Reported

Sample Name	Date Sampled	Matrix	Lab #
MW-10	04/26/2004 07:58	Water	1
MW-7	04/26/2004 09:46	Water	2
MW-8	04/26/2004 10:00	Water	3
MW-6	04/26/2004 09:18	Water	4
MW-3	04/26/2004 09:30	Water	5
MW-9	04/26/2004 09:40	Water	6

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: 41050001FA20
Conoco Phillips #5043

Received: 04/27/2004 17:30

Site: 449 Hegenberger Rd., Oakland

Prep(s): 5030B
Test(s): 8260FAB
Sample ID: **MW-10**
Lab ID: 2004-04-0885 - 1
Sampled: 04/26/2004 07:58
Extracted: 5/8/2004 10:39
Matrix: Water
QC Batch#: 2004/05/08-01.66

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Gasoline	ND	50	ug/L	1.00	05/08/2004 10:39	
Benzene	2.8	0.50	ug/L	1.00	05/08/2004 10:39	
Toluene	1.3	0.50	ug/L	1.00	05/08/2004 10:39	
Ethylbenzene	1.0	0.50	ug/L	1.00	05/08/2004 10:39	
Total xylenes	2.9	1.0	ug/L	1.00	05/08/2004 10:39	
Methyl tert-butyl ether (MTBE)	ND	0.50	ug/L	1.00	05/08/2004 10:39	
Ethanol	ND	50	ug/L	1.00	05/08/2004 10:39	
Surrogate(s)						
Toluene-d8	101.5	88-110	%	1.00	05/08/2004 10:39	
1,2-Dichloroethane-d4	93.4	76-114	%	1.00	05/08/2004 10:39	

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: 41050001FA20
Conoco Phillips #5043

Received: 04/27/2004 17:30

Site: 449 Hegenberger Rd., Oakland

Prep(s): 5030B
Sample ID: **MW-7**
Sampled: 04/26/2004 09:46
Matrix: Water

Test(s): 8260FAB
Lab ID: 2004-04-0885 - 2
Extracted: 5/8/2004 11:51
QC Batch#: 2004/05/08-01.66

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Gasoline	ND	50	ug/L	1.00	05/08/2004 11:51	
Benzene	ND	0.50	ug/L	1.00	05/08/2004 11:51	
Toluene	ND	0.50	ug/L	1.00	05/08/2004 11:51	
Ethylbenzene	ND	0.50	ug/L	1.00	05/08/2004 11:51	
Total xylenes	1.5	1.0	ug/L	1.00	05/08/2004 11:51	
Methyl tert-butyl ether (MTBE)	2.3	0.50	ug/L	1.00	05/08/2004 11:51	
Ethanol	ND	50	ug/L	1.00	05/08/2004 11:51	
Surrogate(s)						
Toluene-d8	96.9	88-110	%	1.00	05/08/2004 11:51	
1,2-Dichloroethane-d4	97.6	76-114	%	1.00	05/08/2004 11:51	

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: 41050001FA20
Conoco Phillips #5043

Received: 04/27/2004 17:30

Site: 449 Hegenberger Rd., Oakland

Prep(s): 5030B
Sample ID: **MW-8**
Sampled: 04/26/2004 10:00
Matrix: Water

Test(s): 8260FAB
Lab ID: 2004-04-0885 - 3
Extracted: 5/8/2004 12:16
QC Batch#: 2004/05/08-01.66

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Gasoline	ND	50	ug/L	1.00	05/08/2004 12:16	
Benzene	ND	0.50	ug/L	1.00	05/08/2004 12:16	
Toluene	ND	0.50	ug/L	1.00	05/08/2004 12:16	
Ethylbenzene	ND	0.50	ug/L	1.00	05/08/2004 12:16	
Total xylenes	ND	1.0	ug/L	1.00	05/08/2004 12:16	
Methyl tert-butyl ether (MTBE)	ND	0.50	ug/L	1.00	05/08/2004 12:16	
Ethanol	ND	50	ug/L	1.00	05/08/2004 12:16	
Surrogate(s)						
Toluene-d8	100.4	88-110	%	1.00	05/08/2004 12:16	
1,2-Dichloroethane-d4	101.7	76-114	%	1.00	05/08/2004 12:16	

Gas/BTEX Fuel Oxygenates by 8260B

TRC Alton Geoscience
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21 Technology Drive
Irvine, CA 92718
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Project: 41050001FA20
Conoco Phillips #5043

Received: 04/27/2004 17:30

Site: 449 Hegenberger Rd., Oakland

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

Sample ID: **MW-6**
Lab ID: 2004-04-0885 - 4

Sampled: 04/26/2004 09:18
Extracted: 5/8/2004 12:40

Matrix: Water
QC Batch#: 2004/05/08-01.66

Analysis Flag: o (See Legend and Note Section)

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Gasoline	97000	5000	ug/L	100.00	05/08/2004 12:40	
Benzene	5900	50	ug/L	100.00	05/08/2004 12:40	
Toluene	9000	50	ug/L	100.00	05/08/2004 12:40	
Ethylbenzene	5100	50	ug/L	100.00	05/08/2004 12:40	
Total xylenes	23000	100	ug/L	100.00	05/08/2004 12:40	
Methyl tert-butyl ether (MTBE)	ND	50	ug/L	100.00	05/08/2004 12:40	
Ethanol	ND	5000	ug/L	100.00	05/08/2004 12:40	
Surrogate(s)						
Toluene-d8	102.0	88-110	%	100.00	05/08/2004 12:40	
1,2-Dichloroethane-d4	100.7	76-114	%	100.00	05/08/2004 12:40	

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: 41050001FA20
Conoco Phillips #5043

Received: 04/27/2004 17:30

Site: 449 Hegenberger Rd., Oakland

Prep(s): 5030B
Sample ID: **MW-3**
Sampled: 04/26/2004 09:30
Matrix: Water

Test(s): 8260FAB
Lab ID: 2004-04-0885 - 5
Extracted: 5/10/2004 09:56
QC Batch#: 2004/05/10-1A.66

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Gasoline	440	50	ug/L	1.00	05/10/2004 09:56	
Benzene	2.5	0.50	ug/L	1.00	05/10/2004 09:56	
Toluene	5.5	0.50	ug/L	1.00	05/10/2004 09:56	
Ethylbenzene	2.9	0.50	ug/L	1.00	05/10/2004 09:56	
Total xylenes	9.4	1.0	ug/L	1.00	05/10/2004 09:56	
Methyl tert-butyl ether (MTBE)	81	0.50	ug/L	1.00	05/10/2004 09:56	
Ethanol	ND	50	ug/L	1.00	05/10/2004 09:56	
Surrogate(s)						
Toluene-d8	99.0	88-110	%	1.00	05/10/2004 09:56	
1,2-Dichloroethane-d4	95.8	76-114	%	1.00	05/10/2004 09:56	

Gas/BTEX Fuel Oxygenates by 8260B

TRC Alton Geoscience

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Irvine, CA 92718
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Project: 41050001FA20
Conoco Phillips #5043

Received: 04/27/2004 17:30

Site: 449 Hegenberger Rd., Oakland

Prep(s): 5030B
Sample ID: **MW-9**
Sampled: 04/26/2004 09:40
Matrix: Water

Test(s): 8260FAB
Lab ID: 2004-04-0885 - 6
Extracted: 5/10/2004 10:21
QC Batch#: 2004/05/10-1A.66

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Gasoline	51	50	ug/L	1.00	05/10/2004 10:21	g
Benzene	ND	0.50	ug/L	1.00	05/10/2004 10:21	
Toluene	ND	0.50	ug/L	1.00	05/10/2004 10:21	
Ethylbenzene	ND	0.50	ug/L	1.00	05/10/2004 10:21	
Total xylenes	ND	1.0	ug/L	1.00	05/10/2004 10:21	
Methyl tert-butyl ether (MTBE)	0.51	0.50	ug/L	1.00	05/10/2004 10:21	
Ethanol	ND	50	ug/L	1.00	05/10/2004 10:21	
Surrogate(s)						
Toluene-d8	101.0	88-110	%	1.00	05/10/2004 10:21	
1,2-Dichloroethane-d4	98.9	76-114	%	1.00	05/10/2004 10:21	

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: 41050001FA20
Conoco Phillips #5043

Received: 04/27/2004 17:30

Site: 449 Hegenberger Rd., Oakland

Batch QC Report

Prep(s): 5030B
Method Blank
MB: 2004/05/08-01.66-007

Water

Test(s): 8260FAB
QC Batch # 2004/05/08-01.66
Date Extracted: 05/08/2004 10:07

Compound	Conc.	RL	Unit	Analyzed	Flag
Gasoline	ND	50	ug/L	05/08/2004 10:07	
Benzene	ND	0.5	ug/L	05/08/2004 10:07	
Toluene	ND	0.5	ug/L	05/08/2004 10:07	
Ethylbenzene	ND	0.5	ug/L	05/08/2004 10:07	
Total xylenes	ND	1.0	ug/L	05/08/2004 10:07	
Methyl tert-butyl ether (MTBE)	ND	0.5	ug/L	05/08/2004 10:07	
Ethanol	ND	50	ug/L	05/08/2004 10:07	
Surrogates(s)					
Toluene-d8	99.8	88-110	%	05/08/2004 10:07	
1,2-Dichloroethane-d4	94.0	76-114	%	05/08/2004 10:07	

Gas/BTEX Fuel Oxygenates by 8260B

TRC Alton Geoscience

Attn.: Anju Farfan

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

Project: 41050001FA20
Conoco Phillips #5043

Received: 04/27/2004 17:30

Site: 449 Hegenberger Rd., Oakland

Batch QC Report

Prep(s): 5030B
Method Blank
MB: 2004/05/10-1A.66-041

Water

Test(s): 8260FAB
QC Batch # 2004/05/10-1A.66
Date Extracted: 05/10/2004 08:41

Compound	Conc.	RL	Unit	Analyzed	Flag
Gasoline	ND	50	ug/L	05/10/2004 08:41	
Methyl tert-butyl ether (MTBE)	ND	0.5	ug/L	05/10/2004 08:41	
Benzene	ND	0.5	ug/L	05/10/2004 08:41	
Toluene	ND	0.5	ug/L	05/10/2004 08:41	
Ethylbenzene	ND	0.5	ug/L	05/10/2004 08:41	
Total xylenes	ND	1.0	ug/L	05/10/2004 08:41	
Ethanol	ND	50	ug/L	05/10/2004 08:41	
Surrogates(s)					
1,2-Dichloroethane-d4	96.6	76-114	%	05/10/2004 08:41	
Toluene-d8	97.4	88-110	%	05/10/2004 08:41	

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: 41050001FA20
Conoco Phillips #5043

Received: 04/27/2004 17:30

Site: 449 Hegenberger Rd., Oakland

Batch QC Report

Prep(s): 5030B

Test(s): 8260FAB

Laboratory Control Spike **Water** **QC Batch # 2004/05/08-01.66**

LCS 2004/05/08-01.66-019 Extracted: 05/08/2004 Analyzed: 05/08/2004 09:19

LCSD 2004/05/08-01.66-043 Extracted: 05/08/2004 Analyzed: 05/08/2004 09:43

Compound	Conc. ug/L		Exp.Conc.	Recovery %		RPD	Ctrl.Limits %		Flags	
	LCS	LCSD		LCS	LCSD	%	Rec.	RPD	LCS	LCSD
Benzene	25.6	28.2	25.0	102.4	112.8	9.7	69-129	20		
Toluene	24.9	27.2	25.0	99.6	108.8	8.8	70-130	20		
Methyl tert-butyl ether (MTBE)	24.5	26.8	25.0	98.0	107.2	9.0	65-165	20		
Surrogates(s)										
Toluene-d8	516	507	500	103.2	101.4		88-110			
1,2-Dichloroethane-d4	470	471	500	94.0	94.2		76-114			

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: 41050001FA20
Conoco Phillips #5043

Received: 04/27/2004 17:30

Site: 449 Hegenberger Rd., Oakland

Batch QC Report

Prep(s): 5030B

Test(s): 8260FAB

Laboratory Control Spike **Water** **QC Batch # 2004/05/10-1A.66**

LCS 2004/05/10-1A.66-053 Extracted: 05/10/2004 Analyzed: 05/10/2004 07:53
LCSD 2004/05/10-1A.66-017 Extracted: 05/10/2004 Analyzed: 05/10/2004 08:17

Compound	Conc. ug/L		Exp.Conc.	Recovery %		RPD	Ctrl.Limits %		Flags	
	LCS	LCSD		LCS	LCSD	%	Rec.	RPD	LCS	LCSD
Methyl tert-butyl ether (MTBE)	23.1	21.3	25	92.4	85.2	8.1	65-165	20		
Benzene	23.1	23.3	25	92.4	93.2	0.9	69-129	20		
Toluene	23.7	22.5	25	94.8	90.0	5.2	70-130	20		
Surrogates(s)										
1,2-Dichloroethane-d4	448	439	500	89.6	87.8		76-114			
Toluene-d8	496	492	500	99.2	98.4		88-110			

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: 41050001FA20
Conoco Phillips #5043

Received: 04/27/2004 17:30

Site: 449 Hegenberger Rd., Oakland

Batch QC Report

Prep(s): 5030B

Test(s): 8260FAB

Matrix Spike (MS / MSD) **Water** **QC Batch # 2004/05/08-01.66**

MW-10 >> MS

Lab ID: 2004-04-0885 - 001

MS: 2004/05/08-01.66-003 Extracted: 05/08/2004 Analyzed: 05/08/2004 11:03
Dilution: 1.00

MSD: 2004/05/08-01.66-027 Extracted: 05/08/2004 Analyzed: 05/08/2004 11:27
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	20.8	22.7	2.85	25.0	71.8	79.4	10.1	69-129	20		
Toluene	19.4	21.1	1.30	25.0	72.4	79.2	9.0	70-130	20		
Methyl tert-butyl ether	18.0	18.6	ND	25.0	72.0	74.4	3.3	65-165	20		
Surrogate(s)											
Toluene-d8	494	490		500	98.8	98.0		88-110			
1,2-Dichloroethane-d4	464	452		500	92.8	90.4		76-114			

SEVERN TRENT STL

Submission #: 2004-04-0885

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: 41050001FA20
Conoco Phillips #5043

Received: 04/27/2004 17:30

Site: 449 Hegenberger Rd., Oakland

Batch QC Report

Prep(s): 5030B

Test(s): 8260FAB

Matrix Spike (MS / MSD) **Water** **QC Batch # 2004/05/10-1A.66**

MW-9 >> MS

Lab ID: 2004-04-0885 - 006

MS: 2004/05/10-1A.66-033 Extracted: 05/10/2004

Analyzed: 05/10/2004 15:33

Dilution: 1.00

MSD: 2004/05/10-1A.66-057 Extracted: 05/10/2004

Analyzed: 05/10/2004 15:57

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	25.5	26.4	ND	25	102.0	105.6	3.5	69-129	20		
Toluene	23.8	24.8	ND	25	95.2	99.2	4.1	70-130	20		
Methyl tert-butyl ether	24.2	24.6	0.513	25	94.7	98.4	3.8	65-165	20		
Surrogate(s)											
Toluene-d8	498	508		500	99.6	101.6		88-110			
1,2-Dichloroethane-d4	480	480		500	96.0	96.0		76-114			

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Legend and Notes

Analysis Flag

o

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

Result Flag

g

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

SEVERN TRENT STL

Submission #: 2004-04-0885

Diesel

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Project: 41050001FA20
Conoco Phillips #5043

Received: 04/27/2004 17:30

Site: 449 Hegenberger Rd., Oakland

Samples Reported

Sample Name	Date Sampled	Matrix	Lab #
MW-10	04/26/2004 07:58	Water	1
MW-7	04/26/2004 09:46	Water	2
MW-8	04/26/2004 10:00	Water	3
MW-6	04/26/2004 09:18	Water	4
MW-3	04/26/2004 09:30	Water	5
MW-9	04/26/2004 09:40	Water	6

Diesel

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Project: 41050001FA20
Conoco Phillips #5043

Received: 04/27/2004 17:30

Site: 449 Hegenberger Rd., Oakland

Prep(s): 3510/8015M
Sample ID: **MW-10**
Sampled: 04/26/2004 07:58
Matrix: Water

Test(s): 8015M
Lab ID: 2004-04-0885 - 1
Extracted: 5/1/2004 06:51
QC Batch#: 2004/05/01-1A.10

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Diesel	ND	50	ug/L	1.00	05/04/2004 18:19	
Surrogate(s)						
o-Terphenyl	65.4	60-130	%	1.00	05/04/2004 18:19	

Diesel

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Project: 41050001FA20
Conoco Phillips #5043

Received: 04/27/2004 17:30

Site: 449 Hegenberger Rd., Oakland

Prep(s): 3510/8015M
Test(s): 8015M
Sample ID: **MW-7**
Lab ID: 2004-04-0885 - 2
Sampled: 04/26/2004 09:46
Extracted: 5/1/2004 06:51
Matrix: Water
QC Batch#: 2004/05/01-1A.10

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Diesel	ND	50	ug/L	1.00	05/02/2004 14:59	
Surrogate(s)						
o-Terphenyl	74.2	60-130	%	1.00	05/02/2004 14:59	

Diesel

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Irvine, CA 92718
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Project: 41050001FA20
Conoco Phillips #5043

Received: 04/27/2004 17:30

Site: 449 Hegenberger Rd., Oakland

Prep(s): 3510/8015M
Sample ID: **MW-8**
Sampled: 04/26/2004 10:00
Matrix: Water

Test(s): 8015M
Lab ID: 2004-04-0885 - 3
Extracted: 5/1/2004 06:51
QC Batch#: 2004/05/01-1A.10

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Diesel	100	50	ug/L	1.00	05/04/2004 17:48	ldr
Surrogate(s)						
o-Terphenyl	78.7	60-130	%	1.00	05/04/2004 17:48	

Diesel

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Attn.: Anju Farfan

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

Project: 41050001FA20
Conoco Phillips #5043

Received: 04/27/2004 17:30

Site: 449 Hegenberger Rd., Oakland

Prep(s): 3510/8015M
Test(s): 8015M
Sample ID: **MW-6**
Lab ID: 2004-04-0885 - 4
Sampled: 04/26/2004 09:18
Extracted: 5/1/2004 06:51
Matrix: Water
QC Batch#: 2004/05/01-1A.10

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Diesel	13000	500	ug/L	10.00	05/05/2004 01:31	edr
Surrogate(s)						
o-Terphenyl	NA	60-130	%	10.00	05/05/2004 01:31	sd

Diesel

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Attn.: Anju Farfan

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

Project: 41050001FA20
Conoco Phillips #5043

Received: 04/27/2004 17:30

Site: 449 Hegenberger Rd., Oakland

Prep(s): 3510/8015M
Test(s): 8015M

Sample ID: **MW-3**
Lab ID: 2004-04-0885 - 5

Sampled: 04/26/2004 09:30
Extracted: 5/1/2004 06:51

Matrix: Water
QC Batch#: 2004/05/01-1A.10

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Diesel	160	50	ug/L	1.00	05/02/2004 08:48	edr,est
Surrogate(s)						
o-Terphenyl	42.5	60-130	%	1.00	05/02/2004 08:48	,or

Diesel

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Irvine, CA 92718
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Project: 41050001FA20
Conoco Phillips #5043

Received: 04/27/2004 17:30

Site: 449 Hegenberger Rd., Oakland

Prep(s): 3510/8015M
Sample ID: **MW-9**
Sampled: 04/26/2004 09:40
Matrix: Water

Test(s): 8015M
Lab ID: 2004-04-0885 - 6
Extracted: 5/1/2004 06:51
QC Batch#: 2004/05/01-1A.10

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Diesel	ND	50	ug/L	1.00	05/02/2004 09:15	
Surrogate(s)						
o-Terphenyl	69.4	60-130	%	1.00	05/02/2004 09:15	

Diesel

TRC Alton Geoscience
Attn.: Anju Farfan

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

Project: 41050001FA20
Conoco Phillips #5043

Received: 04/27/2004 17:30

Site: 449 Hegenberger Rd., Oakland

Batch QC Report

Prep(s): 3510/8015M
Method Blank
MB: 2004/05/01-1A.10-001

Water

Test(s): 8015M
QC Batch # 2004/05/01-1A.10
Date Extracted: 05/01/2004 06:51

Compound	Conc.	RL	Unit	Analyzed	Flag
Diesel	ND	50	ug/L	05/01/2004 11:42	
Surrogates(s)					
o-Terphenyl	74.9	50-120	%	05/01/2004 11:42	

Diesel

TRC Alton Geoscience
Attn.: Anju Farfan

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

Project: 41050001FA20
Conoco Phillips #5043

Received: 04/27/2004 17:30

Site: 449 Hegenberger Rd., Oakland

Batch QC Report

Prep(s): 3510/8015M

Test(s): 8015M

Laboratory Control Spike **Water** **QC Batch # 2004/05/01-1A.10**

LCS 2004/05/01-1A.10-002 Extracted: 05/01/2004 Analyzed: 05/01/2004 10:41
LCSD 2004/05/01-1A.10-003 Extracted: 05/01/2004 Analyzed: 05/01/2004 11:12

Compound	Conc. ug/L		Exp.Conc.	Recovery %		RPD	Ctrl.Limits %		Flags	
	LCS	LCSD		LCS	LCSD	%	Rec.	RPD	LCS	LCSD
Diesel	839	841	1000	83.9	84.1	0.2	60-130	25		
Surrogates(s)										
o-Terphenyl	16.1	17.3	20.0	80.3	86.7		50-120			

Diesel

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Project: 41050001FA20
Conoco Phillips #5043

Received: 04/27/2004 17:30

Site: 449 Hegenberger Rd., Oakland

Legend and Notes

Sample Comment

Lab ID: 2004-04-0885-5

or = Percent recovery outside of control limit.

Result Flag

edr

Hydrocarbon reported is in the early Diesel range, and does not match our Diesel standard

est

Estimated concentration.

ldr

Hydrocarbon reported is in the late Diesel range, and does not match our Diesel standard

sd

Surrogate recovery not reportable due to required dilution.

SEVERN TRENT STL

STL San Francisco

Sample Receipt Checklist

Submission #:2004- 04 - 0885

Checklist completed by: (initials) JM Date: 04/29/04

Courier name: ☐ STL San Francisco ☐ Client ABC

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 ~~JM~~	No ✓
Samples in proper container/bottle?	Yes ~~JM~~	No ~~JM~~
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 3.0°C Yes ✓	No____
	Ice Present Yes ✓	No____
Water - VOA vials have zero headspace?	No VOA vials submitted____ Yes ✓	No____

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

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

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

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

Comments: Sample ID MW-6 AMBER Location # looks like 5023 instead of 5043 VOAsOK

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):

2004-04-0885

85240

ConocoPhillips Chain Of Custody Record

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

ConocoPhillips Cost Object

DATE: 4/26/04

PAGE: 1 of 1

SAMPLING COMPANY: TRC	Valid Value ID:	CONOCOPHILLIPS SITE NUMBER: 5043	GLOBAL ID NO.: T0600101476
ADDRESS: 21 Technology Drive, Irvine CA 92618		SITE ADDRESS (Street and City): 449 HEGENBERGER RD. OAKLAND	CONOCOPHILLIPS SITE MANAGER: Thomas Kosel ~~DAVID WOSLER~~ MK
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): LYDEN	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	TPH-D by 8015M	TPH-G by 8260	BTEX Into by 8260	ETHANOL by 8260
	MW-10	4/26/04	0956	GW	4									X	X	X	X
	MW-7		0946														
	MW-8		1000														
	MW-6		0918														
	MW-3		0930														
	MW-9		0940														

FIELD NOTES:

Container/Preservative or PID Readings or Laboratory Notes

3.0°C

TEMPERATURE ON RECEIPT C°

Relinquished by: (Signature)	Received by: (Signature)	Date:	Time:
	refridgerator	04-26-04	
Relinquished by: (Signature)	Received by: (Signature)	Date: 4/27/04	Time: 1030
Relinquished by: (Signature) Stan 4/27/04 1730	Received by: (Signature) Nouna	Date: 4/27/04	Time: 1730

8/18/03 Revision

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 should be notified.