TRC

Customer-Focused Solutions

September 13, 2005

ConocoPhillips Company
76 Broadway
Sacramento, CA 95818

ATTN: MR. THOMAS H. KOSEL

SITE: 76 STATION 1156
4276 MACARTHUR BOULEVARD
OAKLAND, CALIFORNIA

RE: QUARTERLY MONITORING REPORT
JULY THROUGH SEPTEMBER 2005

Dear Mr. Kosel:

Please find enclosed our Quarterly Monitoring Report for 76 Station 1156, located 4276 MacArthur Boulevard, Oakland, California. If you have any questions regarding this report, please call us at (949) 753-0101.

Sincerely,

TRC

Anju Farfan
QMS Operations Manager

CC: Mr. Dave Evans, ATC Associates Inc. (3 copies)

Enclosures
20-0400/1156R08.QMS

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

TRC

Customer-Focused Solutions

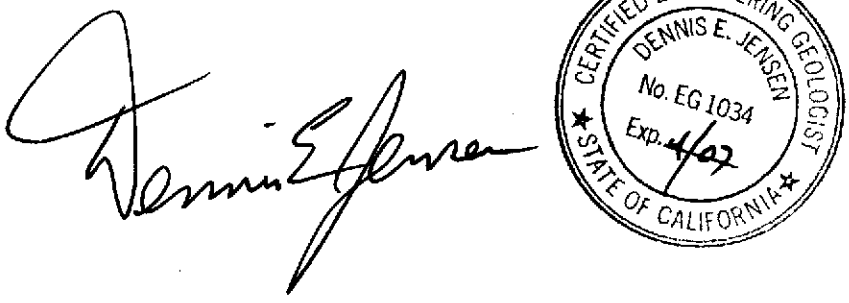
QUARTERLY MONITORING REPORT
JULY THROUGH SEPTEMBER 2005

76 STATION 1156
4276 MacArthur Boulevard
Oakland, California

Prepared For:

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

By:



Senior Project Geologist, Irvine Operations
September 2, 2005

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

LIST OF ATTACHMENTS	
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Coordinated Event Data	*Shell Station* Well Concentrations
Figures	Figure 1: Vicinity Map Figure 2: Groundwater Elevation Contour Map Figure 3: Dissolved-Phase TPH-G Concentration Map Figure 4: Dissolved-Phase Benzene Concentration Map Figure 5: Dissolved-Phase MTBE Concentration Map
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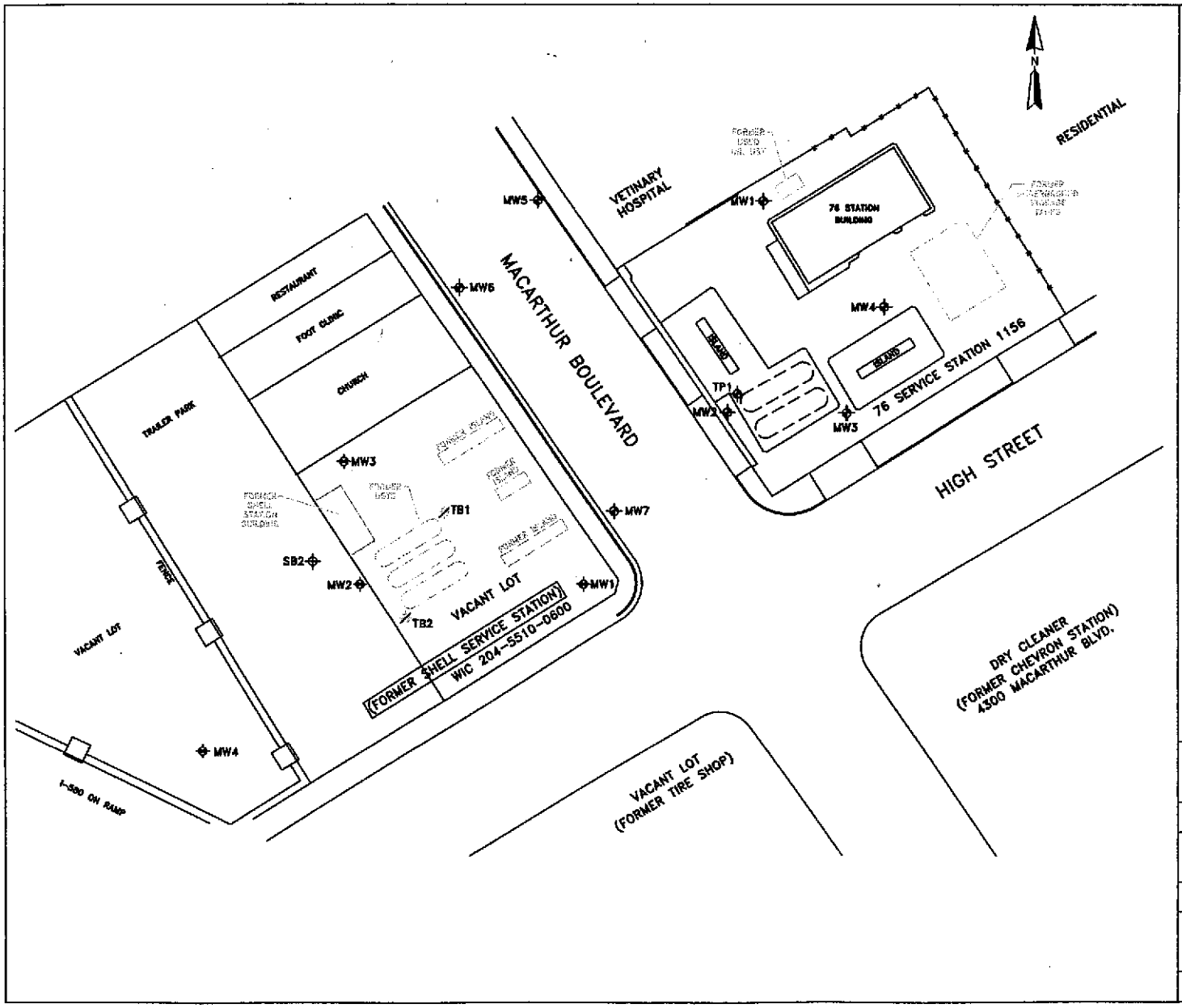
Field Activities	General Field Procedures Groundwater Sampling Field Notes
Laboratory Reports	Official Laboratory Reports Quality Control Reports Chain of Custody Records
Statements	Purge Water Disposal Limitations



LEGEND

- MW1 — GROUNDWATER MONITOR
- MW2 — GROUNDWATER MONITORWELL (SHELL)
- TP1 — TANK PIT BACKFILL WELL
- TB2 — DESTROYED TANK BACKFILL WELL (SHELL)
- UNDERGROUND STORAGE TANK

Approximate Scale

40 0 40 feet

Subject to Surveyors verification

BASE MAP REFERENCE:
MODIFIED FROM SITE PLAN SUPPLIED BY
MILLER BROOKS, ENVIRONMENTAL, INC.

ATC ASSOCIATES INC.
6602 Owens Drive, Suite 100
Pleasanton, CA 94588
(925) 460-5300

SCALE	DRAWING DATE	ACAD FILE
AS SHOWN	03/28/05	1156-site plan

SITE MAP

CLIENT: CONOCOPHILLIPS	PM: DAE
LOCATION: 76 STATION 1156 4276 MACARTHUR BOULEVARD OAKLAND, CALIFORNIA	PE: DA

DESIGNED	DRAWN BY:	PROJECT NO.	FIGURE
	EC	75.75118.1112	2

Summary of Gauging and Sampling Activities
July 2005 through September 2005
76 Station 1156
4276 MacArthur
Oakland, CA

Project Coordinator: **Thomas Kosel**
Telephone: **916-558-7666**
Water Sampling Contractor: ***TRC***
Compiled by: **Valentina Tobon**
Date(s) of Gauging/Sampling Event: **07/08/05**

Sample Points

Groundwater wells: **4** onsite, **3** offsite Wells gauged: **7** Wells sampled: **7**
Purging method: **Diaphragm pump**
Purge water disposal: **Onyx/Rodeo Unit 100**
Other Sample Points: **0** Type: **n/a**

Liquid Phase Hydrocarbons (LPH)

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

Hydrogeologic Parameters

Depth to groundwater (below TOC): Minimum: **1.05 feet** Maximum: **6.45 feet**
Average groundwater elevation (relative to available local datum): **170.00 feet**
Average change in groundwater elevation since previous event: **-0.42 feet**
Interpreted groundwater gradient and flow direction:
Current event: **0.07 ft/ft, west**
Previous event: **0.06 ft/ft, west (04/06/05)**

Selected Laboratory Results

Wells with detected **Benzene:** **3** Wells above MCL (1.0 µg/l): **3**
Maximum reported benzene concentration: **7,100 µg/l (MW-1)**

Wells with **TPH-G**	**3**	Maximum: **69,000 µg/l (MW-1)**
Wells with **MTBE**	**6**	Maximum: **11,000 µg/l (MW-7)**

Notes:

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

TABLES

TABLE KEY

STANDARD ABREVIATIONS

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

ANALYTES

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

NOTES

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

REFERENCE

TRC began groundwater monitoring and sampling for 76 Station 1156 in October 2003. Historical data compiled prior to that time were provided by Gettler-Ryan Inc.

Table 1

CURRENT FLUID LEVELS AND SELECTED ANALYTICAL RESULTS

July 8, 2005

76 Station 1156

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: 5.0-25.0)**												
07/08/05	177.54	5.35	0.00	172.19	-0.42	69000	--	7100	17000	2700	14000	ND<1300	290	
MW-2		**(Screen Interval in feet: 5.0-25.0)**												
07/08/05	173.50	4.69	0.00	168.81	-0.19	ND<2000	--	ND<20	ND<20	ND<20	ND<20	2900	3100	
MW-3		**(Screen Interval in feet: 5.0-25.0)**												
07/08/05	178.13	5.23	0.00	172.90	-0.54	5000	--	180	290	500	800	ND<250	150	
MW-4		**(Screen Interval in feet: 5.0-25.0)**												
07/08/05	178.96	3.74	0.00	175.22	-0.84	980	--	170	24	44	140	ND<25	64	
MW-5		**(Screen Interval in feet: DNA)**												
07/08/05	169.18	1.49	0.00	167.69	-0.54	ND<500	--	ND<5.0	ND<5.0	ND<5.0	ND<5.0	570	630	
MW-6		**(Screen Interval in feet: DNA)**												
07/08/05	169.04	1.05	0.00	167.99	0.10	ND<50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<5.0	ND<0.50	
MW-7		**(Screen Interval in feet: DNA)**												
07/08/05	171.64	6.45	0.00	165.19	-0.49	ND<10000	--	ND<100	ND<100	ND<100	ND<100	8600	11000	

Table 2

HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS

July 1999 Through July 2005

76 Station 1156

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: 5.0-25.0)**													
07/20/99	174.86	7.50	0.00	167.36	--	120000	--	11000	27000	3300	18000	ND	--	
09/28/99	174.86	8.75	0.00	166.11	-1.25	6020	--	1030	1040	68.5	412	321	333	
01/07/00	174.86	9.05	0.02	165.82	-0.29	72700	--	7410	13900	2070	9620	ND	--	GWE corrected
03/31/00	174.86	7.18	0.00	167.68	1.86	92000	--	10000	23000	3200	14000	ND	--	
07/14/00	174.86	7.68	0.00	167.18	-0.50	108000	--	8250	18700	3750	17800	ND	--	
10/03/00	174.86	7.99	0.00	166.87	-0.31	96000	--	8760	20000	3350	15600	ND	--	
01/03/01	174.86	9.18	0.00	165.68	-1.19	37000	--	5800	13000	1700	8100	2200	--	
04/04/01	174.86	8.05	0.00	166.81	1.13	86900	--	7780	18500	2470	11800	ND	481	
07/17/01	174.86	7.01	0.00	167.85	1.04	79000	--	5600	11000	2800	12000	ND	230	
10/03/01	177.54	7.89	0.00	169.65	1.80	99000	--	8200	18000	3000	16000	ND<2500	--	
10/05/01	177.54	7.91	0.00	169.63	-0.02	--	--	--	--	--	--	--	--	
01/28/02	177.54	5.98	0.00	171.56	1.93	110000	--	8900	19000	2600	12000	3000	440	
04/25/02	177.54	6.19	0.00	171.35	-0.21	93000	--	8100	18000	3000	15000	810	670	
07/18/02	177.54	6.99	0.00	170.55	-0.80	69000	--	5400	10000	2100	10000	ND<500	620	
10/07/02	177.54	7.73	0.00	169.81	-0.74	82000	--	9200	20000	2600	13000	1300	760	
01/06/03	177.54	5.48	0.00	172.06	2.25	82000	--	6500	18000	2700	11000	ND<1000	790	
04/07/03	177.54	6.30	0.00	171.24	-0.82	74000	--	7000	15000	2400	11000	1000	800	
07/07/03	177.54	6.47	0.00	171.07	-0.17	60000	--	6400	11000	2600	11000	600	530	
10/09/03	177.54	7.85	0.00	169.69	-1.38	91000	81000	8100	17000	3200	14000	--	660	Sampled for TPH-G by 8015M on 11/14/03.
01/14/04	177.54	6.69	0.00	170.85	1.16	98000	--	8000	21000	2600	15000	ND<1300	ND<800	
04/28/04	177.54	6.43	0.00	171.11	0.26	93000	--	9000	20000	1300	10000	1400	560	
07/12/04	177.54	7.44	0.00	170.10	-1.01	57000	--	6900	7200	1600	580	490	440	
10/25/04	177.54	7.54	0.00	170.00	-0.10	66000	--	7300	19000	2700	14000	ND<1300	330	

Table 2
HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS
July 1999 Through July 2005
76 Station 1156

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														
01/17/05	177.54	5.79	0.00	171.75	1.75	86000	--	8600	21000	3200	15000	ND<1300	570	
04/06/05	177.54	4.93	0.00	172.61	0.86	85000	--	8400	20000	3200	16000	ND<1300	580	
07/08/05	177.54	5.35	0.00	172.19	-0.42	69000	--	7100	17000	2700	14000	ND<1300	290	
MW-2	**(Screen Interval in feet: 5.0-25.0)**													
07/20/99	173.01	5.40	--	167.61	--	ND	--	ND	ND	ND	ND	4500	11000	
09/28/99	173.01	5.60	0.00	167.41	-0.20	1390	--	124	ND	62.9	43.1	5280	6150	
01/07/00	173.01	5.92	0.00	167.09	-0.32	1450	--	99	ND	23.8	16	33100	--	
03/31/00	173.01	5.23	0.00	167.78	0.69	ND	--	42	ND	ND	ND	17000	--	
07/14/00	173.01	5.52	0.00	167.49	-0.29	ND	--	44.7	ND	ND	ND	66500	--	
10/03/00	173.01	6.04	0.00	166.97	-0.52	ND	--	56.7	ND	ND	ND	57500	--	
01/03/01	173.01	6.42	0.00	166.59	-0.38	ND	--	ND	ND	ND	ND	49000	--	
04/04/01	173.01	6.14	0.00	166.87	0.28	ND	--	ND	ND	ND	ND	38700	37800	
07/17/01	173.01	5.30	0.00	167.71	0.84	ND	--	ND	ND	ND	ND	65000	56000	
10/03/01	173.50	7.38	0.00	166.12	-1.59	ND<250	--	2.7	ND<2.5	ND<2.5	ND<2.5	14000	18000	
01/28/02	173.50	5.68	0.00	167.82	1.70	ND<250	--	2.5	4.4	2.8	7.4	11000	10000	
04/25/02	173.50	5.82	0.00	167.68	-0.14	ND<50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	8400	8100	
07/18/02	173.50	6.90	0.00	166.60	-1.08	ND<500	--	ND<5.0	ND<5.0	ND<5.0	ND<5.0	4300	8800	
10/07/02	173.50	7.54	0.00	165.96	-0.64	4300	--	ND<10	27	21	75	7100	5900	
01/06/03	173.50	6.79	0.00	166.71	0.75	5900	--	ND<5.0	ND<5.0	ND<5.0	ND<5.0	31000	35000	
04/07/03	173.50	6.49	0.00	167.01	0.30	1500	--	ND<10	14	11	38	2000	1500	
07/07/03	173.50	6.72	0.00	166.78	-0.23	ND<2500	--	ND<25	ND<25	ND<25	ND<25	5500	8300	
10/09/03	173.50	7.16	0.00	166.34	-0.44	3500	ND<5000	ND<50	ND<50	ND<50	ND<100	--	8500	Sampled for TPH-G by 8015M on 11/14/03.
01/14/04	173.50	5.53	0.00	167.97	1.63	3200	--	ND<25	ND<25	ND<25	ND<25	2600	3200	

Table 2

HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS

July 1999 Through July 2005

76 Station 1156

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														
04/28/04	173.50	5.21	0.00	168.29	0.32	22000	--	ND<3	9.2	ND<3	ND<6	35000	22000	
07/12/04	173.50	5.83	0.00	167.67	-0.62	1700	--	3.8	18	2.6	16	3000	3000	
10/25/04	173.50	6.89	0.00	166.61	-1.06	3400	--	ND<25	ND<25	ND<25	ND<25	1800	1600	
01/17/05	173.50	5.70	0.00	167.80	1.19	1700	--	ND<10	ND<10	ND<10	ND<10	1600	1500	
04/06/05	173.50	4.50	0.00	169.00	1.20	3000	--	ND<20	ND<20	ND<20	ND<20	2500	3200	
07/08/05	173.50	4.69	0.00	168.81	-0.19	ND<2000	--	ND<20	ND<20	ND<20	ND<20	2900	3100	
MW-3	**(Screen Interval in feet: 5.0-25.0)**													
07/20/99	178.44	8.50	--	169.94	--	1000	--	76	52	79	76	330	--	
09/28/99	178.44	8.31	0.00	170.13	0.19	1860	--	174	95.4	71.8	135	443	288	
01/07/00	178.44	8.56	0.00	169.88	-0.25	28400	--	2450	3090	1560	3910	1940	--	
03/31/00	178.44	8.42	0.00	170.02	0.14	26000	--	1300	2900	2600	3500	2800	--	
07/14/00	178.44	8.61	0.00	169.83	-0.19	24500	--	1850	2630	2750	3900	548	--	
10/03/00	178.44	9.14	0.00	169.30	-0.53	22000	--	1910	2020	2400	2680	965	--	
01/03/01	178.44	9.06	0.00	169.38	0.08	14000	--	1600	1100	2300	1400	3300	--	
04/04/01	178.44	8.98	0.00	169.46	0.08	19600	--	1150	1470	2100	1820	1050	450	
07/17/01	178.44	7.46	0.00	170.98	1.52	26000	--	1500	2100	2100	3400	ND	350	
10/03/01	178.13	9.81	0.00	168.32	-2.66	22000	--	830	1900	1700	3000	ND<1000	--	
01/28/02	178.13	7.39	0.00	170.74	2.42	30000	--	880	2600	1800	4300	3200	210	
04/25/02	178.13	7.86	0.00	170.27	-0.47	18000	--	500	2000	1300	3800	500	260	
07/18/02	178.13	8.83	0.00	169.30	-0.97	37000	--	1800	3800	2200	8000	ND<250	270	
10/07/02	178.13	9.71	0.00	168.42	-0.88	26000	--	600	2000	1800	6400	ND<120	ND<200	
01/06/03	178.13	7.40	0.00	170.73	2.31	27000	--	800	2100	2000	6400	440	110	
04/07/03	178.13	8.17	0.00	169.96	-0.77	28000	--	660	2200	1900	6300	440	100	
07/07/03	178.13	8.35	0.00	169.78	-0.18	33000	--	1200	2500	2700	8300	280	100	

Table 2

HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS

July 1999 Through July 2005

76 Station 1156

Date Sampled	TOC Elevation (feet)	Depth to Water (feet)	LPH Thickness (feet)	Ground-water Elevation (feet)	Change in Elevation (feet)	TPH-G (µg/l)	TPPH 8260B (µg/l)	Benzene (µg/l)	Toluene (µg/l)	Ethyl-benzene (µg/l)	Total Xylenes (µg/l)	MTBE 8021B (µg/l)	MTBE 8260B (µg/l)	Comments
MW-3 continued														
10/09/03	178.13	9.39	0.00	168.74	-1.04	3800	6000	120	260	390	1200	--	190	Sampled for TPH-G by 8015M on 11/14/03.
01/14/04	178.13	6.86	0.00	171.27	2.53	5100	--	120	240	310	720	190	230	
04/28/04	178.13	6.63	0.00	171.50	0.23	7300	--	250	440	580	1300	740	240	
07/12/04	178.13	7.41	0.00	170.72	-0.78	5500	--	350	310	120	350	180	100	
10/25/04	178.13	8.81	0.00	169.32	-1.40	3300	--	96	140	270	490	94	260	
01/17/05	178.13	6.37	0.00	171.76	2.44	3400	--	150	270	360	750	55	200	
04/06/05	178.13	4.69	0.00	173.44	1.68	14000	--	420	1300	1000	3100	ND<250	200	
07/08/05	178.13	5.23	0.00	172.90	-0.54	5000	--	180	290	500	800	ND<250	150	
MW-4	**(Screen Interval in feet: 5.0-25.0)**													
07/20/99	179.10	7.40	--	171.70	--	69	--	2.7	0.77	ND	7.1	100	--	
09/28/99	179.10	7.19	0.00	171.91	0.21	4050	--	1250	72	51.3	133	416	459	
01/07/00	179.10	8.98	0.00	170.12	-1.79	7010	--	2260	167	271	276	764	--	
03/31/00	179.10	7.26	0.00	171.84	1.72	5500	--	1800	230	330	400	1000	--	
07/14/00	179.10	7.67	0.00	171.43	-0.41	7940	--	2810	332	450	247	1530	--	
10/03/00	179.10	8.12	0.00	170.98	-0.45	11400	--	3110	437	519	816	1040	--	
01/03/01	179.10	9.10	0.00	170.00	-0.98	8600	--	2500	340	480	960	850	--	
04/04/01	179.10	8.63	0.00	170.47	0.47	9950	--	2380	126	416	725	1140	819	
07/17/01	179.10	6.49	0.00	172.61	2.14	10000	--	2300	110	410	800	1200	900	
10/03/01	178.96	7.01	0.00	171.95	-0.66	7800	--	2100	85	380	390	580	820	
01/28/02	178.96	6.21	0.00	172.75	0.80	12000	--	2100	130	350	670	1100	500	
04/25/02	178.96	5.49	0.00	173.47	0.72	3300	--	1300	42	270	250	680	600	
07/18/02	178.96	8.28	0.00	170.68	-2.79	4800	--	1300	71	290	220	530	760	
10/07/02	178.96	7.49	0.00	171.47	0.79	5100	--	1400	110	330	380	650	540	

Table 2

HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS

July 1999 Through July 2005

76 Station 1156

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														
01/06/03	178.96	6.36	0.00	172.60	1.13	5600	--	1100	57	260	320	370	520	
04/07/03	178.96	6.24	0.00	172.72	0.12	5100	--	1100	55	190	370	550	420	
07/07/03	178.96	6.43	0.00	172.53	-0.19	3000	--	920	28	170	330	480	450	
10/09/03	178.96	7.97	0.00	170.99	-1.54	530	700	100	2.2	5.4	14	--	270	Sampled for TPH-G by 8015M on 11/14/03.
01/14/04	178.96	6.30	0.00	172.66	1.67	530	--	88	4.1	9.9	11	150	180	
04/28/04	178.96	5.68	0.00	173.28	0.62	1200	--	200	5.3	21	13	490	310	
07/12/04	178.96	6.48	0.00	172.48	-0.80	3600	--	1000	14	260	72	710	470	
10/25/04	178.96	6.85	0.00	172.11	-0.37	490	--	34	ND<2.5	ND<2.5	ND<2.5	200	170	
01/17/05	178.96	4.56	0.00	174.40	2.29	620	--	100	2.6	15	8.0	240	200	
04/06/05	178.96	2.90	0.00	176.06	1.66	630	--	81	9.6	16	41	ND<25	26	
07/08/05	178.96	3.74	0.00	175.22	-0.84	980	--	170	24	44	140	ND<25	64	
MW-5	**(Screen Interval in feet: DNA)**													
10/03/01	169.18	2.81	0.00	166.37	--	ND<50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	1800	2100	
01/28/02	169.18	1.88	0.00	167.30	0.93	ND<50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	650	550	
04/25/02	169.18	1.99	0.00	167.19	-0.11	ND<50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	2200	2400	
07/18/02	169.18	2.49	0.00	166.69	-0.50	ND<50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	530	690	
10/07/02	169.18	2.80	0.00	166.38	-0.31	140	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	300	330	
01/06/03	169.18	1.86	0.00	167.32	0.94	120	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	410	350	
04/07/03	169.18	2.15	0.00	167.03	-0.29	220	--	0.53	ND<0.50	ND<0.50	ND<0.50	450	420	
07/07/03	169.18	2.26	0.00	166.92	-0.11	120	--	ND<1.2	ND<1.2	ND<1.2	ND<1.2	220	200	
10/09/03	169.18	2.72	0.00	166.46	-0.46	560	210	ND<1.0	ND<1.0	ND<1.0	ND<2.0	--	290	Sampled for TPH-G by 8015M on 11/14/03.
01/14/04	169.18	2.00	0.00	167.18	0.72	560	--	ND<2.5	ND<2.5	ND<2.5	ND<2.5	670	760	
04/28/04	169.18	2.01	0.00	167.17	-0.01	760	--	ND<0.3	1.8	ND<0.3	ND<0.6	1200	790	

Table 2

HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS

July 1999 Through July 2005

76 Station 1156

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														
07/12/04	169.18	2.56	0.00	166.62	-0.55	96	--	1.8	3.3	0.54	3.6	2.8	ND<0.5	
10/25/04	169.18	2.43	0.00	166.75	0.13	1100	--	ND<5.0	ND<5.0	ND<5.0	ND<5.0	780	1100	
01/17/05	169.18	1.49	0.00	167.69	0.94	720	--	ND<5.0	ND<5.0	ND<5.0	ND<5.0	530	550	
04/06/05	169.18	0.95	0.00	168.23	0.54	830	--	ND<5.0	ND<5.0	ND<5.0	ND<5.0	600	760	
07/08/05	169.18	1.49	0.00	167.69	-0.54	ND<500	--	ND<5.0	ND<5.0	ND<5.0	ND<5.0	570	630	
MW-6	**(Screen Interval in feet: DNA)**													
10/03/01	169.04	2.87	0.00	166.17	--	ND<50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	200	270	
01/28/02	169.04	1.82	0.00	167.22	1.05	ND<50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<2.5	--	
04/25/02	169.04	2.01	0.00	167.03	-0.19	ND<50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<2.5	--	
07/18/02	169.04	2.44	0.00	166.60	-0.43	ND<50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<2.5	ND<2.0	
10/07/02	169.04	2.72	0.00	166.32	-0.28	ND<50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<2.5	ND<2.0	
01/06/03	169.04	1.90	0.00	167.14	0.82	ND<50	--	0.62	1.2	1.2	3.5	ND<2.0	ND<2.0	
04/07/03	169.04	2.02	0.00	167.02	-0.12	ND<50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	46	46	
07/07/03	169.04	2.21	0.00	166.83	-0.19	ND<50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<2.0	ND<2.0	
10/09/03	169.04	2.71	0.00	166.33	-0.50	ND<50	ND<50	0.95	3.0	1.4	5.5	--	ND<2.0	Sampled for TPH-G by 8015M on 11/14/03.
01/14/04	169.04	2.00	0.00	167.04	0.71	ND<50	--	ND<0.50	0.57	ND<0.50	0.64	ND<5.0	ND<2.0	
04/28/04	169.04	2.18	0.00	166.86	-0.18	ND<50	--	0.39	0.78	ND<0.3	ND<0.6	ND<1	ND<0.5	
07/12/04	169.04	2.69	0.00	166.35	-0.51	ND<50	--	ND<0.3	ND<0.3	ND<0.3	ND<0.6	6.4	ND<0.5	
10/25/04	169.04	2.46	0.00	166.58	0.23	ND<50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<5.0	0.57	
01/17/05	169.04	1.54	0.00	167.50	0.92	ND<50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<5.0	ND<0.50	
04/06/05	169.04	1.15	0.00	167.89	0.39	ND<50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<5.0	ND<0.50	
07/08/05	169.04	1.05	0.00	167.99	0.10	ND<50	--	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<5.0	ND<0.50	
MW-7	**(Screen Interval in feet: DNA)**													

Table 2

HISTORIC FLUID LEVELS AND SELECTED ANALYTICAL RESULTS

July 1999 Through July 2005

76 Station 1156

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														
10/03/01	171.64	7.62	0.00	164.02	--	10000	--	210	ND<50	ND<50	800	35000	40000	
01/28/02	171.64	7.21	0.00	164.43	0.41	ND<1000	--	ND<10	ND<10	ND<10	ND<10	42000	38000	
04/25/02	171.64	7.25	0.00	164.39	-0.04	ND<5000	--	660	ND<50	ND<50	ND<50	42000	45000	
07/18/02	171.64	8.12	0.00	163.52	-0.87	ND<5000	--	130	ND<50	ND<50	ND<50	51000	53000	
10/07/02	171.64	7.71	0.00	163.93	0.41	18000	--	ND<50	ND<50	ND<50	ND<50	33000	38000	
01/06/03	171.64	7.63	0.00	164.01	0.08	410	--	0.61	1.0	0.89	2.9	3900	3100	
04/07/03	171.64	7.58	0.00	164.06	0.05	13000	--	ND<20	ND<20	ND<20	ND<20	32000	28000	
07/07/03	171.64	7.56	0.00	164.08	0.02	990	--	8.2	ND<0.50	1.2	ND<0.50	36000	45000	
10/09/03	171.64	7.72	0.00	163.92	-0.16	6800	ND<13000	ND<130	ND<130	ND<130	ND<250	--	20000	Sampled for TPH-G by 8015M on 11/14/03.
01/14/04	171.64	6.97	0.00	164.67	0.75	19000	--	ND<100	ND<100	ND<100	ND<100	20000	25000	
04/28/04	171.64	8.70	0.00	162.94	-1.73	19000	--	ND<3	ND<3	ND<3	ND<6	30000	21000	
07/12/04	171.64	9.44	0.00	162.20	-0.74	12000	--	28	14	330	200	12000	11000	
10/25/04	171.64	7.23	0.00	164.41	2.21	28000	--	ND<250	ND<250	ND<250	ND<250	13000	14000	
01/17/05	171.64	6.30	0.00	165.34	0.93	15000	--	ND<100	ND<100	ND<100	ND<100	17000	16000	
04/06/05	171.64	5.96	0.00	165.68	0.34	13000	--	ND<100	ND<100	ND<100	ND<100	14000	17000	
07/08/05	171.64	6.45	0.00	165.19	-0.49	ND<10000	--	ND<100	ND<100	ND<100	ND<100	8600	11000	

Table 3
ADDITIONAL ANALYTICAL RESULTS
76 Station 1156

Date Sampled	TPH-D (µg/l)	cis-1,3-dichloropropene (µg/l)	trans-1,3-Dichloropropene (µg/l)	1,4-Dichlorobenzene (µg/l)	EDC (µg/l)	Chlorobenzene (µg/l)	Dibromochloromethane (µg/l)	PCE (µg/l)	cis-1,2-Dichloroethene (µg/l)	trans-1,2-Dichloroethene (µg/l)	1,3-Dichlorobenzene (µg/l)	Carbon tetrachloride (µg/l)	Chloroform (µg/l)	1,1,1-Trichloroethane (µg/l)	Bromomethane (µg/l)
MW-1															
07/20/99	16000	--	--	--	--	12	--	--	3.6	--	--	--	--	--	--
09/28/99	2410	--	--	--	--	--	--	--	--	--	--	--	--	--	--
01/07/00	7870	--	--	--	--	--	--	--	--	--	--	--	--	--	--
03/31/00	3600	--	--	--	--	--	--	--	--	--	--	--	--	--	--
07/14/00	8580	--	--	--	--	--	--	334	--	--	--	--	--	--	--
10/03/00	9260	--	--	--	--	--	--	--	--	--	--	--	--	--	--
01/03/01	11000	--	--	--	--	--	--	--	--	--	--	--	--	--	--
04/04/01	14000	--	--	--	ND	5.6	--	--	3.4	--	--	--	--	--	--
07/17/01	2200	--	--	--	ND	--	--	--	--	--	--	--	--	--	--
10/05/01	13000	--	--	--	--	--	--	--	--	--	--	--	--	--	--
01/28/02	4400	--	--	--	--	--	--	--	--	--	--	--	--	--	--
04/25/02	9000	--	--	--	--	--	--	--	--	--	--	--	--	--	--
07/18/02	9200	--	--	1.3	ND<10	5.9	--	ND<0.60	1.3	--	--	--	--	--	--
10/07/02	3400	--	--	--	ND<200	--	--	--	--	--	--	--	--	--	--
01/06/03	5100	--	--	--	ND<400	--	--	--	--	--	--	--	--	--	--
04/07/03	2800	--	--	--	ND<200	--	--	--	--	--	--	--	--	--	--
07/07/03	7000	--	--	--	ND<500	ND<120	--	ND<120	ND<120	--	--	--	--	--	--
10/09/03	4300	--	--	--	ND<400	--	--	--	--	--	--	--	--	--	--
01/14/04	6200	--	--	--	ND<800	--	--	--	--	--	--	--	--	--	--
04/28/04	--	--	--	--	ND<50	--	--	--	--	--	--	--	--	--	--
07/12/04	270	ND<10	ND<10	ND<2	ND<10	ND<10	ND<10	ND<10	ND<10	ND<10	ND<2	ND<10	ND<10	ND<10	ND<20
10/25/04	5100	--	--	--	ND<200	--	--	--	--	--	--	--	--	--	--
01/17/05	6400	--	--	--	ND<200	--	--	--	--	--	--	--	--	--	--
04/06/05	2800	--	--	--	ND<100	--	--	--	--	--	--	--	--	--	--
07/08/05	6400	ND<0.50	ND<0.50	1.2	3.8	12	ND<0.50	ND<0.50	3.1	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<1.0
MW-2															

Table 3
ADDITIONAL ANALYTICAL RESULTS
76 Station 1156

Date Sampled	TPH-D (µg/l)	cis-1,3-dichloropropene (µg/l)	trans-1,3-Dichloropropene (µg/l)	1,4-Dichlorobenzene (µg/l)	EDC (µg/l)	Chlorobenzene (µg/l)	Dibromochloromethane (µg/l)	PCE (µg/l)	cis-1,2-Dichloroethene (µg/l)	trans-1,2-Dichloroethene (µg/l)	1,3-Dichlorobenzene (µg/l)	Carbon tetrachloride (µg/l)	Chloroform (µg/l)	1,1,1-Trichloroethane (µg/l)	Bromomethane (µg/l)
MW-2 continued															
04/04/01	--	--	--	--	ND	--	--	--	--	--	--	--	--	--	--
07/17/01	--	--	--	--	ND	--	--	--	--	--	--	--	--	--	--
07/18/02	--	--	--	--	ND<100	--	--	--	--	--	--	--	--	--	--
10/07/02	--	--	--	--	ND<400	--	--	--	--	--	--	--	--	--	--
01/06/03	--	--	--	--	ND<1000	--	--	--	--	--	--	--	--	--	--
04/07/03	--	--	--	--	ND<40	--	--	--	--	--	--	--	--	--	--
07/07/03	--	--	--	--	ND<100	--	--	--	--	--	--	--	--	--	--
10/09/03	--	--	--	--	ND<200	--	--	--	--	--	--	--	--	--	--
01/14/04	--	--	--	--	ND<50	--	--	--	--	--	--	--	--	--	--
04/28/04	--	--	--	--	ND<0.5	--	--	--	--	--	--	--	--	--	--
07/12/04	--	--	--	--	ND<3	--	--	--	--	--	--	--	--	--	--
10/25/04	--	--	--	--	ND<13	--	--	--	--	--	--	--	--	--	--
01/17/05	--	--	--	--	ND<13	--	--	--	--	--	--	--	--	--	--
04/06/05	--	--	--	--	ND<25	--	--	--	--	--	--	--	--	--	--
07/08/05	--	--	--	--	ND<25	--	--	--	--	--	--	--	--	--	--
MW-3															
04/04/01	--	--	--	--	ND	--	--	--	--	--	--	--	--	--	--
07/17/01	--	--	--	--	ND	--	--	--	--	--	--	--	--	--	--
07/18/02	--	--	--	--	ND<5.0	--	--	--	--	--	--	--	--	--	--
10/07/02	--	--	--	--	ND<200	--	--	--	--	--	--	--	--	--	--
01/06/03	--	--	--	--	ND<80	--	--	--	--	--	--	--	--	--	--
04/07/03	--	--	--	--	ND<80	--	--	--	--	--	--	--	--	--	--
07/07/03	--	--	--	--	ND<40	--	--	--	--	--	--	--	--	--	--
10/09/03	--	--	--	--	ND<20	--	--	--	--	--	--	--	--	--	--
01/14/04	--	--	--	--	ND<20	--	--	--	--	--	--	--	--	--	--
04/28/04	--	--	--	--	ND<3	--	--	--	--	--	--	--	--	--	--

Table 3
ADDITIONAL ANALYTICAL RESULTS
76 Station 1156

Date Sampled	TPH-D (µg/l)	cis-1,3-dichloropropene (µg/l)	trans-1,3-Dichloropropene (µg/l)	1,4-Dichlorobenzene (µg/l)	EDC (µg/l)	Chlorobenzene (µg/l)	Dibromochloromethane (µg/l)	PCE (µg/l)	cis-1,2-Dichloroethene (µg/l)	trans-1,2-Dichloroethene (µg/l)	1,3-Dichlorobenzene (µg/l)	Carbon tetrachloride (µg/l)	Chloroform (µg/l)	1,1,1-Trichloroethane (µg/l)	Bromomethane (µg/l)
MW-3 continued															
07/12/04	--	--	--	--	ND<10	--	--	--	--	--	--	--	--	--	--
10/25/04	--	--	--	--	ND<2.5	--	--	--	--	--	--	--	--	--	--
01/17/05	--	--	--	--	ND<2.5	--	--	--	--	--	--	--	--	--	--
04/06/05	--	--	--	--	ND<10	--	--	--	--	--	--	--	--	--	--
07/08/05	--	--	--	--	ND<2.5	--	--	--	--	--	--	--	--	--	--
MW-4															
04/04/01	--	--	--	--	ND	--	--	--	--	--	--	--	--	--	--
07/17/01	--	--	--	--	ND	--	--	--	--	--	--	--	--	--	--
07/18/02	--	--	--	--	49	--	--	--	--	--	--	--	--	--	--
10/07/02	--	--	--	--	ND<200	--	--	--	--	--	--	--	--	--	--
01/06/03	--	--	--	--	ND<20	--	--	--	--	--	--	--	--	--	--
04/07/03	--	--	--	--	ND<20	--	--	--	--	--	--	--	--	--	--
07/07/03	--	--	--	--	ND<20	--	--	--	--	--	--	--	--	--	--
10/09/03	--	--	--	--	ND<4.0	--	--	--	--	--	--	--	--	--	--
01/14/04	--	--	--	--	6.5	--	--	--	--	--	--	--	--	--	--
04/28/04	--	--	--	--	ND<0.5	--	--	--	--	--	--	--	--	--	--
07/12/04	--	--	--	--	14	--	--	--	--	--	--	--	--	--	--
10/25/04	--	--	--	--	2.0	--	--	--	--	--	--	--	--	--	--
01/17/05	--	--	--	--	3.6	--	--	--	--	--	--	--	--	--	--
04/06/05	--	--	--	--	ND<2.5	--	--	--	--	--	--	--	--	--	--
07/08/05	--	--	--	--	1.2	--	--	--	--	--	--	--	--	--	--
MW-5															
07/18/02	--	--	--	--	ND<2.0	--	--	--	--	--	--	--	--	--	--
10/07/02	--	--	--	--	ND<2.0	--	--	--	--	--	--	--	--	--	--
01/06/03	ND<50	--	--	--	ND<2.0	ND<0.50	--	ND<0.50	ND<0.50	--	--	--	--	--	--
04/07/03	--	--	--	--	ND<10	--	--	--	--	--	--	--	--	--	--

Table 3
ADDITIONAL ANALYTICAL RESULTS
76 Station 1156

Date Sampled	TPH-D (µg/l)	cis-1,3-dichloropropene (µg/l)	trans-1,3-Dichloropropene (µg/l)	1,4-Dichlorobenzene (µg/l)	EDC (µg/l)	Chlorobenzene (µg/l)	Dibromochloromethane (µg/l)	PCE (µg/l)	cis-1,2-Dichloroethene (µg/l)	trans-1,2-Dichloroethene (µg/l)	1,3-Dichlorobenzene (µg/l)	Carbon tetrachloride (µg/l)	Chloroform (µg/l)	1,1,1-Trichloroethane (µg/l)	Bromomethane (µg/l)
MW-5 continued															
07/07/03	--	--	--	--	ND<4.0	--	--	--	--	--	--	--	--	--	--
10/09/03	--	--	--	--	ND<4.0	--	--	--	--	--	--	--	--	--	--
01/14/04	--	--	--	--	ND<40	--	--	--	--	--	--	--	--	--	--
04/28/04	--	--	--	--	1.8	--	--	--	--	--	--	--	--	--	--
07/12/04	--	--	--	--	0.76	--	--	--	--	--	--	--	--	--	--
10/25/04	--	--	--	--	ND<50	--	--	--	--	--	--	--	--	--	--
01/17/05	--	--	--	--	ND<2.5	--	--	--	--	--	--	--	--	--	--
04/06/05	--	--	--	--	1.4	--	--	--	--	--	--	--	--	--	--
07/08/05	--	--	--	--	ND<5.0	--	--	--	--	--	--	--	--	--	--
MW-6															
07/18/02	--	--	--	--	ND<2.0	--	--	--	--	--	--	--	--	--	--
10/07/02	--	--	--	--	ND<2.0	--	--	--	--	--	--	--	--	--	--
01/06/03	--	--	--	--	ND<2.0	--	--	--	--	--	--	--	--	--	--
04/07/03	--	--	--	--	ND<2.0	--	--	--	--	--	--	--	--	--	--
07/07/03	--	--	--	--	ND<2.0	--	--	--	--	--	--	--	--	--	--
10/09/03	--	--	--	--	ND<2.0	--	--	--	--	--	--	--	--	--	--
01/14/04	--	--	--	--	ND<2.0	--	--	--	--	--	--	--	--	--	--
04/28/04	--	--	--	--	ND<0.5	--	--	--	--	--	--	--	--	--	--
07/12/04	--	--	--	--	ND<0.5	--	--	--	--	--	--	--	--	--	--
10/25/04	--	--	--	--	ND<0.50	--	--	--	--	--	--	--	--	--	--
01/17/05	--	--	--	--	ND<0.50	--	--	--	--	--	--	--	--	--	--
04/06/05	--	--	--	--	ND<0.50	--	--	--	--	--	--	--	--	--	--
07/08/05	--	--	--	--	ND<0.50	--	--	--	--	--	--	--	--	--	--
MW-7															
07/18/02	--	--	--	--	ND<20	--	--	--	--	--	--	--	--	--	--
10/07/02	--	--	--	--	ND<400	--	--	--	--	--	--	--	--	--	--

Table 3
ADDITIONAL ANALYTICAL RESULTS
76 Station 1156

Date Sampled	TPH-D (µg/l)	cis-1,3-dichloropropene (µg/l)	trans-1,3-Dichloropropene (µg/l)	1,4-Dichlorobenzene (µg/l)	EDC (µg/l)	Chlorobenzene (µg/l)	Dibromochloromethane (µg/l)	PCE (µg/l)	cis-1,2-Dichloroethene (µg/l)	trans-1,2-Dichloroethene (µg/l)	1,3-Dichlorobenzene (µg/l)	Carbon tetrachloride (µg/l)	Chloroform (µg/l)	1,1,1-Trichloroethane (µg/l)	Bromomethane (µg/l)
MW-7 continued															
01/06/03	ND<50	--	--	--	ND<200	ND<50	--	ND<50	ND<50	--	--	--	--	--	--
04/07/03	--	--	--	--	ND<800	--	--	--	--	--	--	--	--	--	--
07/07/03	--	--	--	--	ND<400	--	--	--	--	--	--	--	--	--	--
10/09/03	--	--	--	--	ND<500	--	--	--	--	--	--	--	--	--	--
01/14/04	--	--	--	--	ND<800	--	--	--	--	--	--	--	--	--	--
04/28/04	--	--	--	--	6.8	--	--	--	--	--	--	--	--	--	--
07/12/04	--	--	--	--	5.1	--	--	--	--	--	--	--	--	--	--
10/25/04	--	--	--	--	ND<50	--	--	--	--	--	--	--	--	--	--
01/17/05	--	--	--	--	ND<50	--	--	--	--	--	--	--	--	--	--
04/06/05	--	--	--	--	6.4	--	--	--	--	--	--	--	--	--	--
07/08/05	--	--	--	--	ND<50	--	--	--	--	--	--	--	--	--	--

Table 3 b
ADDITIONAL ANALYTICAL RESULTS
76 Station 1156

Date Sampled	Chloro-methane (µg/l)	Chloro-ethane (µg/l)	Vinyl chloride (µg/l)	Methylene chloride (µg/l)	Bromoform (µg/l)	Bromo-dichloro-methane (µg/l)	1,1-Dichloro-ethane (µg/l)	1,1-Dichloro-ethene (µg/l)	Trichloro-fluoro-methane (µg/l)	Trichloro-trifluoro-ethane (µg/l)	1,2-Dichloro-propane (µg/l)	1,1,2-Trichloro-ethane (µg/l)	TCE (µg/l)	1,1,2,2-Tetrachloro ethane (µg/l)	1,2-Dichloro-benzene (µg/l)
MW-1															
07/20/99	--	--	--	--	--	--	2.0	--	--	--	0.92	--	--	--	3.9
03/31/00	--	--	--	--	--	--	--	--	--	--	--	--	--	--	6.2
04/04/01	--	--	--	--	--	--	--	--	--	--	--	--	--	--	4.6
07/17/01	--	--	--	--	--	--	--	--	--	--	--	--	--	--	18
07/18/02	--	1.1	--	--	--	--	--	--	--	--	--	--	--	--	5.8
07/12/04	ND<10	ND<10	ND<10	ND<20	ND<10	ND<10	ND<10	ND<10	ND<10	ND<10	ND<10	ND<10	ND<10	ND<10	ND<2
07/08/05	ND<1.0	1.0	ND<0.50	ND<5.0	ND<2.0	ND<0.50	1.3	ND<0.50	ND<1.0	ND<0.50	ND<0.50	ND<0.50	0.73	ND<0.50	9.0

Table 3 c
ADDITIONAL ANALYTICAL RESULTS
76 Station 1156

Date Sampled	Dichloro-difluoro-methane (µg/l)	n-Propyl-benzene (µg/l)	EDB (µg/l)	1,3,5-Trimethyl-benzene (µg/l)	1,2,4-Trichloro-benzene (µg/l)	HCBD (µg/l)	1,2,4-Trimethyl-benzene (µg/l)	Naph-thalene (µg/l)	TAME 8260B (µg/l)	TBA 8260B (µg/l)	DIPE 8260B (µg/l)	ETBE 8260B (µg/l)	Ethanol 8015B (mg/l)	Acenaph-thylene (µg/l)	Acenaph-thene (µg/l)
MW-1															
07/20/99	--	--	--	--	--	--	--	600	--	--	--	--	--	--	--
09/28/99	--	--	--	318	--	--	1240	534	ND	ND	ND	ND	--	--	--
01/07/00	--	371	--	597	--	--	2210	1050	--	--	--	--	--	--	--
03/31/00	--	--	--	--	--	--	--	140	--	--	--	--	--	--	--
07/14/00	--	--	--	--	--	--	--	690	--	--	--	--	--	--	--
10/03/00	--	--	--	--	--	--	--	361	--	--	--	--	--	--	--
01/03/01	--	--	--	--	--	--	--	400	--	--	--	--	--	--	--
04/04/01	--	--	ND	--	--	--	--	490	ND	ND	ND	ND	--	--	--
07/17/01	--	--	ND	--	--	--	--	740	ND	ND	ND	ND	--	--	--
07/18/02	--	--	ND<10	--	--	--	--	910	ND<10	ND<100	ND<10	ND<10	--	--	--
10/07/02	--	--	ND<200	--	--	--	--	--	ND<200	ND<10000	ND<200	ND<200	--	--	--
01/06/03	--	--	ND<400	--	--	--	--	--	ND<400	ND<20000	ND<400	ND<400	--	--	--
04/07/03	--	--	ND<200	--	--	--	--	--	ND<200	ND<10000	ND<200	ND<200	--	--	--
07/07/03	--	--	ND<500	--	--	--	--	850	ND<500	ND<25000	ND<500	ND<500	ND<120000	--	--
10/09/03	--	--	ND<400	--	--	--	--	--	ND<400	ND<20000	ND<400	ND<400	--	--	--
01/14/04	--	--	ND<800	--	--	--	--	--	ND<800	ND<40000	ND<800	ND<800	--	--	--
04/28/04	--	--	ND<50	--	--	--	--	--	ND<1	800	ND<1	ND<1	--	--	--
07/12/04	ND<10	--	ND<10	--	ND<2	ND<2	--	450	ND<20	1100	ND<20	ND<20	--	ND<2	ND<2
10/25/04	--	--	ND<200	--	--	--	--	--	ND<200	ND<2000	ND<400	ND<200	--	--	--
01/17/05	--	--	ND<200	--	--	--	--	--	ND<200	3100	ND<400	ND<200	--	--	--
04/06/05	--	--	ND<100	--	--	--	--	--	ND<100	1500	ND<100	ND<100	--	--	--
07/08/05	ND<1.0	--	ND<130	--	ND<20	ND<20	--	250	ND<130	ND<1300	ND<130	ND<130	--	--	--
MW-2															
09/28/99	--	--	--	--	--	--	--	--	ND	ND	ND	ND	--	--	--
04/04/01	--	--	ND	--	--	--	--	--	ND	ND	ND	ND	--	--	--
07/17/01	--	--	ND	--	--	--	--	--	ND	ND	ND	ND	--	--	--

Table 3 c
ADDITIONAL ANALYTICAL RESULTS
76 Station 1156

Date Sampled	Dichloro-difluoro-methane (µg/l)	n-Propyl-benzene (µg/l)	EDB (µg/l)	1,3,5-Trimethyl-benzene (µg/l)	1,2,4-Trichloro-benzene (µg/l)	HCBD (µg/l)	1,2,4-Trimethyl-benzene (µg/l)	Naph-thalene (µg/l)	TAME 8260B (µg/l)	TBA 8260B (µg/l)	DIPE 8260B (µg/l)	ETBE 8260B (µg/l)	Ethanol 8015B (mg/l)	Acenaph-thylene (µg/l)	Acenaph-thene (µg/l)
MW-2 continued															
07/18/02	--	--	ND<100	--	--	--	--	--	ND<100	ND<1000	ND<100	ND<100	--	--	--
10/07/02	--	--	ND<400	--	--	--	--	--	ND<400	ND<20000	ND<400	ND<400	--	--	--
01/06/03	--	--	ND<1000	--	--	--	--	--	ND<1000	ND<50000	ND<1000	ND<1000	--	--	--
04/07/03	--	--	ND<40	--	--	--	--	--	ND<40	ND<2000	ND<40	ND<40	--	--	--
07/07/03	--	--	ND<100	--	--	--	--	--	ND<100	ND<5000	ND<100	ND<100	--	--	--
10/09/03	--	--	ND<200	--	--	--	--	--	ND<200	ND<10000	ND<200	ND<200	--	--	--
01/14/04	--	--	ND<50	--	--	--	--	--	ND<50	ND<2500	ND<50	ND<50	--	--	--
04/28/04	--	--	ND<0.5	--	--	--	--	--	11	13000	ND<1	ND<1	--	--	--
07/12/04	--	--	ND<3	--	--	--	--	--	ND<5	110	ND<5	ND<5	--	--	--
10/25/04	--	--	ND<13	--	--	--	--	--	ND<13	1100	ND<25	ND<13	--	--	--
01/17/05	--	--	ND<13	--	--	--	--	--	ND<13	1200	ND<25	ND<13	--	--	--
04/06/05	--	--	ND<25	--	--	--	--	--	ND<25	2800	ND<25	ND<25	--	--	--
07/08/05	--	--	ND<25	--	--	--	--	--	ND<25	4300	ND<25	ND<25	--	--	--
MW-3															
09/28/99	--	--	--	--	--	--	--	--	8.80	ND	ND	ND	--	--	--
04/04/01	--	--	ND	--	--	--	--	--	ND	ND	ND	ND	--	--	--
07/17/01	--	--	ND	--	--	--	--	--	ND	ND	ND	ND	--	--	--
07/18/02	--	--	ND<5.0	--	--	--	--	--	ND<5.0	ND<50	ND<5.0	ND<5.0	--	--	--
10/07/02	--	--	ND<200	--	--	--	--	--	ND<200	ND<10000	ND<200	ND<200	--	--	--
01/06/03	--	--	ND<80	--	--	--	--	--	ND<80	ND<4000	ND<80	ND<80	--	--	--
04/07/03	--	--	ND<80	--	--	--	--	--	ND<80	ND<4000	ND<80	ND<80	--	--	--
07/07/03	--	--	ND<40	--	--	--	--	--	ND<40	ND<2000	ND<40	ND<40	--	--	--
10/09/03	--	--	ND<20	--	--	--	--	--	ND<20	ND<1000	ND<20	ND<20	--	--	--
01/14/04	--	--	ND<20	--	--	--	--	--	ND<20	ND<1000	ND<20	ND<20	--	--	--
04/28/04	--	--	ND<3	--	--	--	--	--	ND<1	ND<12	ND<1	ND<1	--	--	--
07/12/04	--	--	ND<10	--	--	--	--	--	ND<20	350	ND<20	ND<20	--	--	--

Table 3 c
ADDITIONAL ANALYTICAL RESULTS
76 Station 1156

Date Sampled	Dichloro-difluoro-methane (µg/l)	n-Propyl-benzene (µg/l)	EDB (µg/l)	1,3,5-Trimethyl-benzene (µg/l)	1,2,4-Trichloro-benzene (µg/l)	HCBD (µg/l)	1,2,4-Trimethyl-benzene (µg/l)	Naph-thalene (µg/l)	TAME 8260B (µg/l)	TBA 8260B (µg/l)	DIPE 8260B (µg/l)	ETBE 8260B (µg/l)	Ethanol 8015B (mg/l)	Acenaph-thylene (µg/l)	Acenaph-thene (µg/l)
MW-3 continued															
10/25/04	--	--	ND<2.5	--	--	--	--	--	ND<2.5	39	ND<5.0	ND<2.5	--	--	--
01/17/05	--	--	ND<2.5	--	--	--	--	--	ND<2.5	120	ND<5.0	ND<2.5	--	--	--
04/06/05	--	--	ND<10	--	--	--	--	--	ND<10	150	ND<10	ND<10	--	--	--
07/08/05	--	--	ND<2.5	--	--	--	--	--	ND<2.5	64	ND<2.5	ND<2.5	--	--	--
MW-4															
09/28/99	--	--	--	--	--	--	--	--	ND	ND	ND	ND	--	--	--
04/04/01	--	--	ND	--	--	--	--	--	ND	ND	ND	ND	--	--	--
07/17/01	--	--	ND	--	--	--	--	--	ND	ND	ND	ND	--	--	--
07/18/02	--	--	ND<10	--	--	--	--	--	ND<10	ND<100	ND<10	ND<10	--	--	--
10/07/02	--	--	ND<200	--	--	--	--	--	ND<200	ND<10000	ND<200	ND<200	--	--	--
01/06/03	--	--	ND<20	--	--	--	--	--	ND<20	ND<1000	ND<20	ND<20	--	--	--
04/07/03	--	--	ND<20	--	--	--	--	--	ND<20	ND<1000	ND<20	ND<20	--	--	--
07/07/03	--	--	ND<20	--	--	--	--	--	ND<20	ND<1000	ND<20	ND<20	--	--	--
10/09/03	--	--	ND<4.0	--	--	--	--	--	ND<4.0	ND<200	ND<4.0	ND<4.0	--	--	--
01/14/04	--	--	ND<4.0	--	--	--	--	--	ND<4.0	ND<200	ND<4.0	ND<4.0	--	--	--
04/28/04	--	--	ND<0.5	--	--	--	--	--	ND<1	150	ND<1	ND<1	--	--	--
07/12/04	--	--	ND<3	--	--	--	--	--	ND<5	210	ND<5	ND<5	--	--	--
10/25/04	--	--	ND<1.0	--	--	--	--	--	ND<1.0	38	ND<2.0	ND<1.0	--	--	--
01/17/05	--	--	ND<1.0	--	--	--	--	--	ND<1.0	110	ND<2.0	ND<1.0	--	--	--
04/06/05	--	--	ND<2.5	--	--	--	--	--	ND<2.5	ND<25	ND<2.5	ND<2.5	--	--	--
07/08/05	--	--	ND<0.50	--	--	--	--	--	ND<0.50	29	ND<0.50	ND<0.50	--	--	--
MW-5															
07/18/02	--	--	ND<2.0	--	--	--	--	--	ND<2.0	ND<20	ND<2.0	ND<2.0	--	--	--
10/07/02	--	--	ND<2.0	--	--	--	--	--	ND<2.0	ND<100	ND<2.0	ND<2.0	--	--	--
01/06/03	--	--	ND<2.0	--	--	--	--	ND<10	ND<2.0	ND<100	ND<2.0	ND<2.0	--	--	--
04/07/03	--	--	ND<10	--	--	--	--	--	ND<10	ND<500	ND<10	ND<10	--	--	--

Table 3 c
ADDITIONAL ANALYTICAL RESULTS
76 Station 1156

Date Sampled	Dichloro-difluoro-methane (µg/l)	n-Propyl-benzene (µg/l)	EDB (µg/l)	1,3,5-Trimethyl-benzene (µg/l)	1,2,4-Trichloro-benzene (µg/l)	HCBD (µg/l)	1,2,4-Trimethyl-benzene (µg/l)	Naph-thalene (µg/l)	TAME 8260B (µg/l)	TBA 8260B (µg/l)	DIPE 8260B (µg/l)	ETBE 8260B (µg/l)	Ethanol 8015B (mg/l)	Acenaph-thylene (µg/l)	Acenaph-thene (µg/l)
MW-5 continued															
07/07/03	--	--	ND<4.0	--	--	--	--	--	ND<4.0	ND<200	ND<4.0	ND<4.0	--	--	--
10/09/03	--	--	ND<4.0	--	--	--	--	--	ND<4.0	ND<200	ND<4.0	ND<4.0	--	--	--
01/14/04	--	--	ND<40	--	--	--	--	--	ND<40	ND<2000	ND<40	ND<40	--	--	--
04/28/04	--	--	ND<0.5	--	--	--	--	--	ND<1	ND<12	ND<1	ND<1	--	--	--
07/12/04	--	--	ND<0.5	--	--	--	--	--	ND<1	ND<12	ND<1	ND<1	--	--	--
10/25/04	--	--	ND<50	--	--	--	--	--	ND<50	ND<500	ND<100	ND<50	--	--	--
01/17/05	--	--	ND<2.5	--	--	--	--	--	ND<2.5	100	ND<5.0	ND<2.5	--	--	--
04/06/05	--	--	ND<0.50	--	--	--	--	--	ND<0.50	7.6	ND<0.50	ND<0.50	--	--	--
07/08/05	--	--	ND<5.0	--	--	--	--	--	ND<5.0	180	ND<5.0	ND<5.0	--	--	--
MW-6															
07/18/02	--	--	ND<2.0	--	--	--	--	--	ND<2.0	ND<20	ND<2.0	ND<2.0	--	--	--
10/07/02	--	--	ND<2.0	--	--	--	--	--	ND<2.0	ND<100	ND<2.0	ND<2.0	--	--	--
01/06/03	--	--	ND<2.0	--	--	--	--	--	ND<2.0	ND<100	ND<2.0	ND<2.0	--	--	--
04/07/03	--	--	ND<2.0	--	--	--	--	--	ND<2.0	ND<100	ND<2.0	ND<2.0	--	--	--
07/07/03	--	--	ND<2.0	--	--	--	--	--	ND<2.0	ND<100	ND<2.0	ND<2.0	--	--	--
10/09/03	--	--	ND<2.0	--	--	--	--	--	ND<2.0	ND<100	ND<2.0	ND<2.0	--	--	--
01/14/04	--	--	ND<2.0	--	--	--	--	--	ND<2.0	ND<100	ND<2.0	ND<2.0	--	--	--
04/28/04	--	--	ND<0.5	--	--	--	--	--	ND<1	ND<12	ND<1	ND<1	--	--	--
07/12/04	--	--	ND<0.5	--	--	--	--	--	ND<1	ND<12	ND<1	ND<1	--	--	--
10/25/04	--	--	ND<0.50	--	--	--	--	--	ND<0.50	ND<5.0	ND<1.0	ND<0.50	--	--	--
01/17/05	--	--	ND<0.50	--	--	--	--	--	ND<0.50	ND<5.0	ND<1.0	ND<0.50	--	--	--
04/06/05	--	--	ND<0.50	--	--	--	--	--	ND<0.50	ND<5.0	ND<0.50	ND<0.50	--	--	--
07/08/05	--	--	ND<0.50	--	--	--	--	--	ND<0.50	ND<5.0	ND<0.50	ND<0.50	--	--	--
MW-7															
07/18/02	--	--	ND<20	--	--	--	--	--	ND<20	33000	ND<20	ND<20	--	--	--
10/07/02	--	--	ND<400	--	--	--	--	--	ND<400	26000	ND<400	ND<400	--	--	--

Table 3 c
ADDITIONAL ANALYTICAL RESULTS
76 Station 1156

Date Sampled	Dichloro-difluoro-methane (µg/l)	n-Propyl-benzene (µg/l)	EDB (µg/l)	1,3,5-Trimethyl-benzene (µg/l)	1,2,4-Trichloro-benzene (µg/l)	HCBD (µg/l)	1,2,4-Trimethyl-benzene (µg/l)	Naph-thalene (µg/l)	TAME 8260B (µg/l)	TBA 8260B (µg/l)	DIPE 8260B (µg/l)	ETBE 8260B (µg/l)	Ethanol 8015B (mg/l)	Acenaph-thylene (µg/l)	Acenaph-thene (µg/l)
MW-7 continued															
01/06/03	--	--	ND<200	--	--	--	--	ND<10	ND<200	ND<10000	ND<200	ND<200	--	--	--
04/07/03	--	--	ND<800	--	--	--	--	--	ND<800	ND<40000	ND<800	ND<800	--	--	--
07/07/03	--	--	ND<400	--	--	--	--	--	ND<400	27000	ND<400	ND<400	--	--	--
10/09/03	--	--	ND<500	--	--	--	--	--	ND<500	ND<25000	ND<500	ND<500	--	--	--
01/14/04	--	--	ND<800	--	--	--	--	--	ND<800	ND<40000	ND<800	ND<800	--	--	--
04/28/04	--	--	ND<0.5	--	--	--	--	--	12	9200	ND<1	ND<1	--	--	--
07/12/04	--	--	ND<5	--	--	--	--	--	ND<10	4600	ND<10	ND<10	--	--	--
10/25/04	--	--	ND<50	--	--	--	--	--	ND<50	3900	ND<100	ND<50	--	--	--
01/17/05	--	--	ND<50	--	--	--	--	--	ND<50	4200	ND<100	ND<50	--	--	--
04/06/05	--	--	ND<0.50	--	--	--	--	--	9.3	4200	ND<0.50	ND<0.50	--	--	--
07/08/05	--	--	ND<50	--	--	--	--	--	ND<50	4300	ND<50	ND<50	--	--	--

Table 3 d
ADDITIONAL ANALYTICAL RESULTS
76 Station 1156

Date Sampled	Fluorene (µg/l)	Phenan-threne (µg/l)	Anthra-cene (µg/l)	Fluoran-thene (µg/l)	Pyrene (µg/l)	Benzo (a)Anth-racene (µg/l)	Chrysene (µg/l)	B[B]F (µg/l)	B[K]F (µg/l)	Benzo(a) Pyrene (µg/l)	DB[A,H]A (µg/l)	Benzo (g,h,i)-perylene (µg/l)	Indeno (1,2,3c,d)-pyrene (µg/l)	Ethanol 8260B (µg/l)	bis(2-Ethylhexyl) phthalate (µg/l)
MW-1															
03/31/00	--	--	--	--	--	--	--	--	--	--	--	--	--	--	10
10/03/00	--	--	--	--	--	--	--	--	--	--	--	--	--	--	51.6
04/04/01	--	--	--	--	--	--	--	--	--	--	--	--	--	ND	55
07/17/01	--	--	--	--	--	--	--	--	--	--	--	--	--	ND	400
07/18/02	--	--	--	--	--	--	--	--	--	--	--	--	--	ND<2500000	120
10/07/02	--	--	--	--	--	--	--	--	--	--	--	--	--	ND<50000000	--
01/06/03	--	--	--	--	--	--	--	--	--	--	--	--	--	ND<100000000	--
04/07/03	--	--	--	--	--	--	--	--	--	--	--	--	--	ND<50000000	--
07/07/03	--	--	--	--	--	--	--	--	--	--	--	--	--	--	70
10/09/03	--	--	--	--	--	--	--	--	--	--	--	--	--	ND<100000	--
01/14/04	--	--	--	--	--	--	--	--	--	--	--	--	--	ND<200000	--
04/28/04	--	--	--	--	--	--	--	--	--	--	--	--	--	ND<1000	--
07/12/04	ND<2	ND<2	ND<2	ND<2	ND<2	ND<2	ND<2	ND<2	ND<2	ND<2	ND<3	ND<2	ND<2	ND<20000	ND<5
10/25/04	--	--	--	--	--	--	--	--	--	--	--	--	--	ND<20000	--
01/17/05	--	--	--	--	--	--	--	--	--	--	--	--	--	ND<20000	--
04/06/05	--	--	--	--	--	--	--	--	--	--	--	--	--	ND<10000	--
07/08/05	--	--	--	--	--	--	--	--	--	--	--	--	--	ND<13000	--
MW-2															
04/04/01	--	--	--	--	--	--	--	--	--	--	--	--	--	ND	--
07/17/01	--	--	--	--	--	--	--	--	--	--	--	--	--	ND	--
07/18/02	--	--	--	--	--	--	--	--	--	--	--	--	--	ND<25000000	--
10/07/02	--	--	--	--	--	--	--	--	--	--	--	--	--	ND<100000000	--
01/06/03	--	--	--	--	--	--	--	--	--	--	--	--	--	ND<250000000	--
04/07/03	--	--	--	--	--	--	--	--	--	--	--	--	--	ND<10000000	--
07/07/03	--	--	--	--	--	--	--	--	--	--	--	--	--	ND<25000000	--
10/09/03	--	--	--	--	--	--	--	--	--	--	--	--	--	ND<50000	--

Table 3 d
ADDITIONAL ANALYTICAL RESULTS
76 Station 1156

Date Sampled	Fluorene (µg/l)	Phenan-threne (µg/l)	Anthra-cene (µg/l)	Fluoran-thene (µg/l)	Pyrene (µg/l)	Benzo (a)Anth-racene (µg/l)	Chrysene (µg/l)	B[B]F (µg/l)	B[K]F (µg/l)	Benzo(a) Pyrene (µg/l)	DB[A,H]A (µg/l)	Benzo (g,h,i)-perylene (µg/l)	Indeno (1,2,3c,d)-pyrene (µg/l)	Ethanol 8260B (µg/l)	bis(2-Ethylhexyl) phthalate (µg/l)
MW-2 continued															
01/14/04	--	--	--	--	--	--	--	--	--	--	--	--	--	ND<13000	--
04/28/04	--	--	--	--	--	--	--	--	--	--	--	--	--	ND<1000	--
07/12/04	--	--	--	--	--	--	--	--	--	--	--	--	--	ND<4000	--
10/25/04	--	--	--	--	--	--	--	--	--	--	--	--	--	ND<1300	--
01/17/05	--	--	--	--	--	--	--	--	--	--	--	--	--	ND<1300	--
04/06/05	--	--	--	--	--	--	--	--	--	--	--	--	--	ND<2500	--
07/08/05	--	--	--	--	--	--	--	--	--	--	--	--	--	ND<2500	--
MW-3															
04/04/01	--	--	--	--	--	--	--	--	--	--	--	--	--	ND	--
07/17/01	--	--	--	--	--	--	--	--	--	--	--	--	--	ND	--
07/18/02	--	--	--	--	--	--	--	--	--	--	--	--	--	ND<1200000	--
10/07/02	--	--	--	--	--	--	--	--	--	--	--	--	--	ND<50000000	--
01/06/03	--	--	--	--	--	--	--	--	--	--	--	--	--	23000000	--
04/07/03	--	--	--	--	--	--	--	--	--	--	--	--	--	ND<20000000	--
07/07/03	--	--	--	--	--	--	--	--	--	--	--	--	--	ND<10000000	--
10/09/03	--	--	--	--	--	--	--	--	--	--	--	--	--	ND<5000	--
01/14/04	--	--	--	--	--	--	--	--	--	--	--	--	--	ND<5000	--
04/28/04	--	--	--	--	--	--	--	--	--	--	--	--	--	ND<1000	--
07/12/04	--	--	--	--	--	--	--	--	--	--	--	--	--	ND<20000	--
10/25/04	--	--	--	--	--	--	--	--	--	--	--	--	--	ND<250	--
01/17/05	--	--	--	--	--	--	--	--	--	--	--	--	--	ND<250	--
04/06/05	--	--	--	--	--	--	--	--	--	--	--	--	--	ND<1000	--
07/08/05	--	--	--	--	--	--	--	--	--	--	--	--	--	ND<250	--
MW-4															
04/04/01	--	--	--	--	--	--	--	--	--	--	--	--	--	ND	--
07/17/01	--	--	--	--	--	--	--	--	--	--	--	--	--	ND	--

Table 3 d
ADDITIONAL ANALYTICAL RESULTS
76 Station 1156

Date Sampled	Fluorene (µg/l)	Phenan-threne (µg/l)	Anthra-cene (µg/l)	Fluoran-thene (µg/l)	Pyrene (µg/l)	Benzo (a)Anth-racene (µg/l)	Chrysene (µg/l)	B[B]F (µg/l)	B[K]F (µg/l)	Benzo(a) Pyrene (µg/l)	DB[A,H]A (µg/l)	Benzo (g,h,i)-perylene (µg/l)	Indeno (1,2,3c,d)-pyrene (µg/l)	Ethanol 8260B (µg/l)	bis(2-Ethylhexyl) phthalate (µg/l)
MW-4 continued															
07/18/02	--	--	--	--	--	--	--	--	--	--	--	--	--	ND<2500000	--
10/07/02	--	--	--	--	--	--	--	--	--	--	--	--	--	ND<50000000	--
01/06/03	--	--	--	--	--	--	--	--	--	--	--	--	--	ND<5000000	--
04/07/03	--	--	--	--	--	--	--	--	--	--	--	--	--	ND<5000000	--
07/07/03	--	--	--	--	--	--	--	--	--	--	--	--	--	ND<5000000	--
10/09/03	--	--	--	--	--	--	--	--	--	--	--	--	--	ND<1000	--
01/14/04	--	--	--	--	--	--	--	--	--	--	--	--	--	ND<1000	--
04/28/04	--	--	--	--	--	--	--	--	--	--	--	--	--	ND<1000	--
07/12/04	--	--	--	--	--	--	--	--	--	--	--	--	--	ND<4000	--
10/25/04	--	--	--	--	--	--	--	--	--	--	--	--	--	ND<100	--
01/17/05	--	--	--	--	--	--	--	--	--	--	--	--	--	ND<100	--
04/06/05	--	--	--	--	--	--	--	--	--	--	--	--	--	73000	--
07/08/05	--	--	--	--	--	--	--	--	--	--	--	--	--	ND<50	--
MW-5															
07/18/02	--	--	--	--	--	--	--	--	--	--	--	--	--	ND<500000	--
10/07/02	--	--	--	--	--	--	--	--	--	--	--	--	--	ND<500000	--
01/06/03	--	--	--	--	--	--	--	--	--	--	--	--	--	ND<500000	ND<5.0
04/07/03	--	--	--	--	--	--	--	--	--	--	--	--	--	ND<2500000	--
07/07/03	--	--	--	--	--	--	--	--	--	--	--	--	--	ND<1000000	--
10/09/03	--	--	--	--	--	--	--	--	--	--	--	--	--	ND<1000	--
01/14/04	--	--	--	--	--	--	--	--	--	--	--	--	--	ND<10000	--
04/28/04	--	--	--	--	--	--	--	--	--	--	--	--	--	ND<1000	--
07/12/04	--	--	--	--	--	--	--	--	--	--	--	--	--	ND<800	--
10/25/04	--	--	--	--	--	--	--	--	--	--	--	--	--	ND<5000	--
01/17/05	--	--	--	--	--	--	--	--	--	--	--	--	--	ND<250	--
04/06/05	--	--	--	--	--	--	--	--	--	--	--	--	--	ND<50	--

Table 3 d
ADDITIONAL ANALYTICAL RESULTS
76 Station 1156

Date Sampled	Fluorene (µg/l)	Phenan-threne (µg/l)	Anthra-cene (µg/l)	Fluoran-thene (µg/l)	Pyrene (µg/l)	Benzo (a)Anth-racene (µg/l)	Chrysene (µg/l)	B[B]F (µg/l)	B[K]F (µg/l)	Benzo(a) Pyrene (µg/l)	DB[A,H]A (µg/l)	Benzo (g,h,i)-perylene (µg/l)	Indeno (1,2,3c,d)-pyrene (µg/l)	Ethanol 8260B (µg/l)	bis(2-Ethylhexyl) phthalate (µg/l)
MW-5 continued															
07/08/05	--	--	--	--	--	--	--	--	--	--	--	--	--	ND<500	--
MW-6															
07/18/02	--	--	--	--	--	--	--	--	--	--	--	--	--	ND<500000	--
10/07/02	--	--	--	--	--	--	--	--	--	--	--	--	--	ND<500000	--
01/06/03	--	--	--	--	--	--	--	--	--	--	--	--	--	ND<500000	--
04/07/03	--	--	--	--	--	--	--	--	--	--	--	--	--	ND<500000	--
07/07/03	--	--	--	--	--	--	--	--	--	--	--	--	--	ND<500000	--
10/09/03	--	--	--	--	--	--	--	--	--	--	--	--	--	ND<500	--
01/14/04	--	--	--	--	--	--	--	--	--	--	--	--	--	ND<500	--
04/28/04	--	--	--	--	--	--	--	--	--	--	--	--	--	ND<1000	--
07/12/04	--	--	--	--	--	--	--	--	--	--	--	--	--	ND<800	--
10/25/04	--	--	--	--	--	--	--	--	--	--	--	--	--	ND<50	--
01/17/05	--	--	--	--	--	--	--	--	--	--	--	--	--	ND<50	--
04/06/05	--	--	--	--	--	--	--	--	--	--	--	--	--	ND<50	--
07/08/05	--	--	--	--	--	--	--	--	--	--	--	--	--	ND<50	--
MW-7															
07/18/02	--	--	--	--	--	--	--	--	--	--	--	--	--	ND<5000000	--
10/07/02	--	--	--	--	--	--	--	--	--	--	--	--	--	ND<100000000	--
01/06/03	--	--	--	--	--	--	--	--	--	--	--	--	--	ND<50000000	ND<5.0
04/07/03	--	--	--	--	--	--	--	--	--	--	--	--	--	ND<200000000	--
07/07/03	--	--	--	--	--	--	--	--	--	--	--	--	--	ND<100000000	--
10/09/03	--	--	--	--	--	--	--	--	--	--	--	--	--	ND<130000	--
01/14/04	--	--	--	--	--	--	--	--	--	--	--	--	--	ND<200000	--
04/28/04	--	--	--	--	--	--	--	--	--	--	--	--	--	ND<1000	--
07/12/04	--	--	--	--	--	--	--	--	--	--	--	--	--	ND<8000	--
10/25/04	--	--	--	--	--	--	--	--	--	--	--	--	--	ND<5000	--

Table 3 d
ADDITIONAL ANALYTICAL RESULTS
76 Station 1156

Date Sampled	Fluorene (µg/l)	Phenan-threne (µg/l)	Anthra-cene (µg/l)	Fluoran-thene (µg/l)	Pyrene (µg/l)	Benzo (a)Anth-racene (µg/l)	Chrysene (µg/l)	B[B]F (µg/l)	B[K]F (µg/l)	Benzo(a) Pyrene (µg/l)	DB[A,H]A (µg/l)	Benzo (g,h,i)-perylene (µg/l)	Indeno (1,2,3c,d)-pyrene (µg/l)	Ethanol 8260B (µg/l)	bis(2-Ethylhexyl) phthalate (µg/l)
MW-7 continued															
01/17/05	--	--	--	--	--	--	--	--	--	--	--	--	--	ND<5000	--
04/06/05	--	--	--	--	--	--	--	--	--	--	--	--	--	ND<10000	--
07/08/05	--	--	--	--	--	--	--	--	--	--	--	--	--	ND<5000	--

Table 3 e
ADDITIONAL ANALYTICAL RESULTS
76 Station 1156

Date Sampled	2-Methyl-phenol (µg/l)	4-Methyl-phenol (µg/l)	2-Methyl-naph-thalene (µg/l)
MW-1			
07/20/99	--	27	240
09/28/99	26.4	35.6	87.4
01/07/00	--	--	315
03/31/00	31	18	73
07/14/00	--	--	300
10/03/00	--	28.9	98.1
01/03/01	--	--	180
04/04/01	--	--	78
07/17/01	47	25	290
07/18/02	13	25	420
07/07/03	ND<5.0	22	260
MW-5			
01/06/03	ND<5.0	ND<5.0	ND<5.0
MW-7			
01/06/03	ND<5.0	ND<5.0	ND<5.0

COORDINATED EVENT DATA

WELL CONCENTRATIONS
Shell-branded Service Station
4255 MacArthur Boulevard
Oakland, CA

Well ID	Date	TPPH (ug/L)	B (ug/L)	T (ug/L)	E (ug/L)	X (ug/L)	MTBE 8020 (ug/L)	MTBE 8260 (ug/L)	DIPE (ug/L)	ETBE (ug/L)	TAME (ug/L)	TBA (ug/L)	Ethanol (ug/L)	TOC (MSL)	Depth to Water (ft.)	Depth to SPH (ft.)	GW Elevation (MSL)	SPH Thickness (ft.)	DO Reading (ppm)	ORP Reading (mV)
MW-1	11/17/1993	410	21	11	7.9	47	NA	NA	NA	NA	NA	NA	NA	175.79	8.59	NA	167.20	NA	NA	NA
MW-1	01/20/1994	1,200	180	19	48	47	NA	NA	NA	NA	NA	NA	NA	175.79	8.22	NA	167.57	NA	NA	NA
MW-1	04/25/1994	3,100	610	<10	130	27	NA	NA	NA	NA	NA	NA	NA	175.79	7.63	NA	168.16	NA	NA	NA
MW-1	07/07/1994	2,400	1,000	10	250	20	NA	NA	NA	NA	NA	NA	NA	175.79	8.31	NA	167.48	NA	NA	NA
MW-1	10/27/1994	2,200	500	3.1	72	1.8	NA	NA	NA	NA	NA	NA	NA	175.79	8.84	NA	166.95	NA	NA	NA
MW-1	11/17/1994	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	175.79	7.60	NA	168.19	NA	NA	NA
MW-1	11/28/1994	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	175.79	7.56	NA	168.23	NA	NA	NA
MW-1	01/13/1995	570	75	2.5	6.7	11	NA	NA	NA	NA	NA	NA	NA	175.79	7.11	NA	168.68	NA	NA	NA
MW-1	04/12/1995	1,800	480	<5.0	79	<5.0	NA	NA	NA	NA	NA	NA	NA	175.79	7.08	NA	168.71	NA	NA	NA
MW-1	07/25/1995	120	15	1.1	2.1	2.9	NA	NA	NA	NA	NA	NA	NA	175.79	7.73	NA	168.06	NA	NA	NA
MW-1 (D)	07/25/1995	300	88	2.4	11	6.5	NA	NA	NA	NA	NA	NA	NA	175.79	7.73	NA	168.06	NA	NA	NA
MW-1	10/18/1995	130	9.5	0.8	1.3	1.7	NA	NA	NA	NA	NA	NA	NA	175.79	8.42	NA	167.37	NA	NA	NA
MW-1 (D)	10/18/1995	120	11	0.8	1.4	1.8	NA	NA	NA	NA	NA	NA	NA	175.79	8.42	NA	167.37	NA	NA	NA
MW-1	01/17/1996	250	22	0.9	1.6	2.3	NA	NA	NA	NA	NA	NA	NA	175.79	7.83	NA	167.96	NA	NA	NA
MW-1	04/25/1996	<50	4.6	<0.5	<0.5	0.6	500b	NA	NA	NA	NA	NA	NA	175.79	7.35	NA	168.44	NA	NA	NA
MW-1	07/17/1996	<250	15	<2.5	<2.5	<2.5	540	NA	NA	NA	NA	NA	NA	175.79	7.70	NA	168.09	NA	NA	NA
MW-1	10/01/1996	1,200	500	12	57	82	1,900	NA	NA	NA	NA	NA	NA	175.79	8.07	NA	167.72	NA	NA	NA
MW-1	01/22/1997	640	170	4.3	33	33	1,200	NA	NA	NA	NA	NA	NA	175.79	7.21	NA	168.58	NA	NA	NA
MW-1	04/08/1997	<200	34	<2.0	3.3	4.3	950	NA	NA	NA	NA	NA	NA	175.79	7.75	NA	168.04	NA	NA	NA
MW-1 (D)	04/08/1997	<200	66	<2.0	6.4	8	740	NA	NA	NA	NA	NA	NA	175.79	7.75	NA	168.04	NA	NA	NA
MW-1	07/08/1997	190	49	1.2	5.8	8.6	560	NA	NA	NA	NA	NA	NA	175.79	8.01	NA	167.78	NA	NA	NA
MW-1	10/08/1997	<100	7	<1.0	<1.0	<1.0	620	NA	NA	NA	NA	NA	NA	175.79	8.10	NA	167.69	NA	NA	NA
MW-1	01/09/1998	970	390	12	48	71	1,200	NA	NA	NA	NA	NA	NA	175.79	7.14	NA	168.65	NA	NA	NA
MW-1	04/13/1998	<50	136	<0.50	1.5	1.8	170	NA	NA	NA	NA	NA	NA	175.79	6.78	NA	169.01	NA	NA	NA
MW-1	07/17/1998	2,500	750	11	88	67	150	NA	NA	NA	NA	NA	NA	175.79	7.28	NA	168.51	NA	NA	NA
MW-1	10/02/1998	8,000	970	36	270	440	35	NA	NA	NA	NA	NA	NA	175.79	7.77	NA	168.02	NA	NA	NA
MW-1	02/03/1999	210	56	0.82	<0.50	3.2	220	NA	NA	NA	NA	NA	NA	175.79	7.45	NA	168.34	NA	1.4	NA
MW-1	04/29/1999	<50	4.5	<0.50	0.56	<0.50	140	196	NA	NA	NA	NA	NA	175.79	7.58	NA	168.21	NA	1.2	140
MW-1	07/23/1999	<50.0	<0.500	<0.500	<0.500	<0.500	120	111*	NA	NA	NA	NA	NA	175.79	8.51	NA	167.28	NA	1.0	NA
MW-1	11/01/1999	<50.0	<0.500	<0.500	<0.500	<0.500	2.90	NA	NA	NA	NA	NA	NA	175.79	8.30	NA	167.49	NA	1.4	-71
MW-1	01/17/2000	<50	<0.50	<0.50	<0.50	<0.50	3.30	NA	NA	NA	NA	NA	NA	175.79	8.04	NA	167.75	NA	16.9	64
MW-1	04/17/2000	<50.0	1.08	<0.500	<0.500	<0.500	<2.50	NA	NA	NA	NA	NA	NA	175.79	8.00	NA	167.79	NA	1.8	112
MW-1	07/26/2000	125	54.3	2.16	5.45	9.86	33.1	NA	NA	NA	NA	NA	NA	175.79	7.52	NA	168.27	NA	13.2	-140
MW-1	10/12/2000	101	40.7	2.68	3.00	5.18	25.0	NA	NA	NA	NA	NA	NA	175.79	7.71	NA	168.08	NA	>20	534

WELL CONCENTRATIONS
Shell-branded Service Station
4255 MacArthur Boulevard
Oakland, CA

Well ID	Date	TPPH (ug/L)	B (ug/L)	T (ug/L)	E (ug/L)	X (ug/L)	MTBE 8020 (ug/L)	MTBE 8260 (ug/L)	DIPE (ug/L)	ETBE (ug/L)	TAME (ug/L)	TBA (ug/L)	Ethanol (ug/L)	TOC (MSL)	Depth to Water (ft.)	Depth to SPH (ft.)	GW Elevation (MSL)	SPH Thickness (ft.)	DO Reading (ppm)	ORP Reading (mV)
MW-1	01/15/2001	<50.0	0.633	<0.500	0.505	1.74	<2.50	NA	NA	NA	NA	NA	NA	175.79	7.33	NA	168.46	NA	16.9	-127
MW-1	04/09/2001	<50.0	<0.500	<0.500	<0.500	0.927	<2.50	NA	NA	NA	NA	NA	NA	175.79	7.68	NA	168.11	NA	12.8	-117
MW-1	07/24/2001	<50	4.0	0.65	0.53	1.3	NA	<5.0	NA	NA	NA	NA	NA	175.79	8.00	NA	167.79	NA	>20	43
MW-1	10/31/2001	<50	4.4	<0.50	<0.50	0.98	NA	<5.0	NA	NA	NA	NA	NA	175.79	7.94	NA	167.85	NA	13.6	123
MW-1	01/10/2002	<50	2.2	<0.50	<0.50	1.2	NA	6.1	NA	NA	NA	NA	NA	175.79	7.63	NA	168.16	NA	0.1	63
MW-1	04/25/2002	<50	2.0	<0.50	<0.50	<0.50	NA	<5.0	NA	NA	NA	NA	NA	175.79	7.76	NA	168.03	NA	0.3	54
MW-1	07/18/2002	<50	6.1	<0.50	<0.50	0.98	NA	<5.0	NA	NA	NA	NA	NA	175.79	8.29	NA	167.50	NA	1.1	32
MW-1	10/07/2002	500	17	14	11	60	NA	9.0	NA	NA	NA	NA	NA	175.76	8.34	NA	167.42	NA	2.8	-26
MW-1	01/06/2003	<50	12	<0.50	0.73	0.58	NA	14	NA	NA	NA	NA	NA	175.76	7.18	NA	168.58	NA	0.5	-22
MW-1	04/07/2003	<50	<0.50	<0.50	<0.50	<1.0	NA	12	NA	NA	NA	<5.0	NA	175.76	7.75	NA	168.01	NA	0.7	-24
MW-1	07/07/2003	<50	6.6	<0.50	<0.50	<1.0	NA	8.1	NA	NA	NA	<5.0	NA	175.76	7.75	NA	168.01	NA	0.5	16
MW-1	10/09/2003	<50	1.9	<0.50	<0.50	<1.0	NA	22	NA	NA	NA	<5.0	NA	175.76	8.45	NA	167.31	NA	0.7	80
MW-1	01/14/2004	<100	19	<1.0	<1.0	<2.0	NA	180	NA	NA	NA	63	NA	175.76	7.45	NA	168.31	NA	0.8	242
MW-1	04/28/2004	<50	2.1	<0.50	<0.50	<1.0	NA	110	NA	NA	NA	33	NA	175.76	8.25	NA	167.51	NA	0.5	64
MW-1	07/12/2004	<50	2.5	<0.50	<0.50	<1.0	NA	120	<2.0	<2.0	<2.0	26	<50	175.76	6.20	NA	169.56	NA	0.5	72
MW-1	10/25/2004	<500	<5.0	<5.0	<5.0	<10	NA	550	NA	NA	NA	240	NA	175.76	7.98	NA	167.78	NA	3.15	-72
MW-1	01/17/2005	<250	8.0	<2.5	<2.5	<5.0	NA	500	NA	NA	NA	310	NA	175.76	7.42	NA	168.34	NA	0.2	9
MW-1	04/06/2005	<250	<2.5	<2.5	<2.5	<5.0	NA	230	NA	NA	NA	330*	NA	175.76	8.15	NA	167.61	NA	2.49	143
MW-1	**07/08/2005**	**<50**	**<0.50**	**<0.50**	**<0.50**	**<0.50**	**NA**	**380**	**<0.50**	**<0.50**	**<0.50**	**510**	**<5.0**	**175.76**	**7.45**	**NA**	**168.31**	**NA**	**1.1**	**12**
MW-2	11/17/1993	31,000	9,400	4,600	1,000	3,900	NA	NA	NA	NA	NA	NA	NA	170.91	12.31	NA	158.60	NA	NA	NA
MW-2	01/20/1994	40,000	6,900	5,600	780	4,100	NA	NA	NA	NA	NA	NA	NA	170.91	11.48	NA	159.43	NA	NA	NA
MW-2 (D)	01/20/1994	41,000	7,200	6,200	900	4,800	NA	NA	NA	NA	NA	NA	NA	170.91	11.48	NA	159.43	NA	NA	NA
MW-2	04/25/1994	60,000	9,300	6,100	1,400	6,200	NA	NA	NA	NA	NA	NA	NA	170.91	10.84	NA	160.07	NA	NA	NA
MW-2	07/07/1994	280,000a	40,000	26,000	8,100	32,000	NA	NA	NA	NA	NA	NA	NA	170.91	11.89	NA	159.02	NA	NA	NA
MW-2 (D)	07/07/1994	53,000	13,000	6,600	2,000	8,400	NA	NA	NA	NA	NA	NA	NA	170.91	11.89	NA	159.02	NA	NA	NA
MW-2	10/27/1994	130,000	14,000	12,000	2,400	13,000	NA	NA	NA	NA	NA	NA	NA	170.91	12.89	NA	158.02	NA	NA	NA
MW-2 (D)	10/27/1994	390,000	8,800	7,000	1,700	11,000	NA	NA	NA	NA	NA	NA	NA	170.91	12.89	NA	158.02	NA	NA	NA
MW-2	11/17/1994	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	170.91	9.11	NA	161.80	NA	NA	NA
MW-2	11/28/1994	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	170.91	9.22	NA	161.69	NA	NA	NA
MW-2	01/13/1995	75,000	5,900	12,000	3,100	17,000	NA	NA	NA	NA	NA	NA	NA	170.91	8.10	NA	162.81	NA	NA	NA
MW-2	04/12/1995	100,000	8,500	11,000	2,400	12,000	NA	NA	NA	NA	NA	NA	NA	170.91	10.12	NA	160.79	NA	NA	NA
MW-2 (D)	04/12/1995	80,000	4,200	9,300	2,500	12,000	NA	NA	NA	NA	NA	NA	NA	170.91	10.12	NA	160.79	NA	NA	NA
MW-2	07/25/1995	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	170.91	11.53	NA	159.80	0.52	NA	NA

WELL CONCENTRATIONS
Shell-branded Service Station
4255 MacArthur Boulevard
Oakland, CA

Well ID	Date	TPPH (ug/L)	B (ug/L)	T (ug/L)	E (ug/L)	X (ug/L)	MTBE 8020 (ug/L)	MTBE 8260 (ug/L)	DIPE (ug/L)	ETBE (ug/L)	TAME (ug/L)	TBA (ug/L)	Ethanol (ug/L)	TOC (MSL)	Depth to Water (ft.)	Depth to SPH (ft.)	GW Elevation (MSL)	SPH Thickness (ft.)	DO Reading (ppm)	ORP Reading (mV)
MW-2	10/18/1995	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	170.91	14.02	NA	156.99	0.13	NA	NA
MW-2	01/17/1996	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	170.91	10.27	NA	160.78	0.17	NA	NA
MW-2	04/25/1996	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	170.91	11.68	NA	159.25	0.03	NA	NA
MW-2	07/17/1996	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	170.91	12.78	NA	158.81	0.48	NA	NA
MW-2	10/01/1996	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	170.91	14.21	NA	156.70	0.28	NA	NA
MW-2	01/22/1997	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	170.91	10.92	NA	160.08	0.11	NA	NA
MW-2	04/08/1997	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	170.91	14.12	NA	156.95	0.20	NA	NA
MW-2	07/08/1997	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	170.91	14.98	NA	156.08	0.19	NA	NA
MW-2	10/08/1997	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	170.91	12.97	NA	157.98	0.05	NA	NA
MW-2	01/08/1998	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	170.91	12.54	NA	158.43	0.08	NA	NA
MW-2	04/13/1998	180,000	2,800	5,200	2,400	13,000	71,000	NA	NA	NA	NA	NA	NA	170.91	10.05	NA	160.86	NA	NA	NA
MW-2	07/17/1998	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	170.91	11.75	NA	159.24	0.10	NA	NA
MW-2	10/02/1998	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	170.91	16.78	NA	154.22	0.11	NA	NA
MW-2	02/03/1999	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	170.91	9.90	9.82	161.07	0.08	NA	NA
MW-2	04/29/1999	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	170.91	9.86	9.81	161.09	0.05	NA	NA
MW-2	07/23/1999	65,800	6,500	4,480	1,960	8,960	46,600	58,500*	NA	NA	NA	NA	NA	170.91	14.45	NA	156.46	NA	1.4	NA
MW-2	11/01/1999	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	170.91	11.84	11.81	159.09	0.03	NA	NA
MW-2	01/17/2000	46,000	6,000	2,400	1,500	5,500	50,000	31,000	NA	NA	NA	NA	NA	170.91	11.00	NA	159.91	NA	1.3	-54
MW-2	04/17/2000	96,300	8,150	10,200	2,820	14,900	112,000	108,000	NA	NA	NA	NA	NA	170.91	11.06	NA	159.85	NA	2.6	125
MW-2	07/26/2000	72,400	8,680	5,620	2,810	13,400	66,200	46,300	NA	NA	NA	NA	NA	170.91	12.82	NA	158.09	NA	2.2	113
MW-2	10/12/2000	63,200	5,840	4,180	2,310	11,100	61,200	66,600	NA	NA	NA	NA	NA	170.91	11.32	NA	159.59	NA	0.4	55
MW-2	01/15/2001	59,700	2,630	4,800	2,050	11,500	44,400	5,080	NA	NA	NA	NA	NA	170.91	10.19	NA	160.72	NA	1.1	-22
MW-2	04/09/2001	56,900	1,860	2,550	1,810	9,720	40,000	46,600	NA	NA	NA	NA	NA	170.91	11.15	NA	159.76	NA	1.0	-55
MW-2	07/24/2001	84,000	3,000	4,600	2,500	13,000	NA	41,000	NA	NA	NA	NA	NA	170.91	11.67	NA	159.24	NA	0.2	53
MW-2	10/31/2001	45,000	2,200	3,000	1,500	7,700	NA	29,000	<50	<50	<50	51,000	<500	170.91	11.04	NA	159.87	NA	1.2	-17
MW-2	01/10/2002	28,000	840	740	760	3,300	NA	32,000	NA	NA	NA	NA	NA	170.91	9.58	NA	161.33	NA	2.1	-76
MW-2	04/25/2002	41,000	1,900	2,000	1,200	6,900	NA	17,000	NA	NA	NA	NA	NA	170.91	11.40	NA	159.51	NA	0.8	-95
MW-2	07/18/2002	87,000	2,000	2,200	1,400	10,000	NA	19,000	NA	NA	NA	NA	NA	170.91	12.68	NA	158.23	NA	0.7	-34
MW-2	10/07/2002	110,000	3,900	6,700	2,700	15,000	NA	20,000	NA	NA	NA	NA	NA	170.88	11.58	NA	159.30	NA	1.4	-52
MW-2	01/06/2003	65,000	2,400	3,500	1,400	8,600	NA	26,000	NA	NA	NA	NA	NA	170.88	9.09	NA	161.79	NA	0.4	40
MW-2	04/07/2003	57,000	1,900	2,500	1,700	8,600	NA	37,000	NA	NA	NA	34,000	NA	170.88	11.08	NA	159.80	NA	1.0	60
MW-2	07/07/2003	34,000	4,000	4,200	1,600	8,500	NA	51,000	NA	NA	NA	44,000	NA	170.88	11.27	NA	159.61	NA	1.3	-17
MW-2	10/09/2003	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	170.88	11.64	11.61	159.26	0.03	NA	NA
MW-2	10/20/2003	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	170.88	11.88	11.84	159.03	0.04	NA	NA

WELL CONCENTRATIONS
Shell-branded Service Station
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Well ID	Date	TPPH (ug/L)	B (ug/L)	T (ug/L)	E (ug/L)	X (ug/L)	MTBE 8020 (ug/L)	MTBE 8260 (ug/L)	DIPE (ug/L)	ETBE (ug/L)	TAME (ug/L)	TBA (ug/L)	Ethanol (ug/L)	TOC (MSL)	Depth to Water (ft.)	Depth to SPH (ft.)	GW Elevation (MSL)	SPH Thickness (ft.)	DO Reading (ppm)	ORP Reading (mV)
MW-2	01/14/2004	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	170.88	10.96	10.95	159.93	0.01	NA	NA
MW-2	04/28/2004	35,000	2,200	2,200	2,300	8,200	NA	26,000	NA	NA	NA	28,000	NA	170.88	11.05	NA	159.83	NA	0.1	-96
MW-2	07/12/2004	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	170.88	12.12	12.09	158.78	0.03	NA	NA
MW-2	10/25/2004	60,000	2,900	2,300	2,300	7,600	NA	27,000	NA	NA	NA	26,000	NA	170.88	11.23	NA	159.65	NA	1.62	-69
MW-2	01/17/2005	62,000	1,900	1,800	1,800	5,700	NA	22,000	NA	NA	NA	21,000	NA	170.88	8.78	NA	162.10	NA	0.8	-102
MW-2	04/06/2005	40,000	1,500	940	1,600	2,900	NA	23,000	NA	NA	NA	23,000	NA	170.88	9.23	NA	161.65	NA	0.60	-104
MW-2	**07/08/2005**	**50,000**	**2,300**	**1,500**	**1,700**	**6,600**	**NA**	**24,000**	**<150**	**<150**	**<150**	**25,000**	**<1,500**	**170.88**	**10.99**	**10.97**	**159.91**	**0.02**	**0.01**	**-41**
MW-3	11/17/1993	18,000	5,400	660	720	2,200	NA	NA	NA	NA	NA	NA	NA	174.61	15.40	NA	159.21	NA	NA	NA
MW-3	01/20/1994	55,000	13,000	2,600	2,200	6,500	NA	NA	NA	NA	NA	NA	NA	174.61	14.61	NA	160.00	NA	NA	NA
MW-3	04/25/1994	96,000	11,000	1,600	3,100	9,900	NA	NA	NA	NA	NA	NA	NA	174.61	13.12	NA	161.49	NA	NA	NA
MW-3 (D)	04/25/1994	78,000	12,000	1,900	2,600	7,300	NA	NA	NA	NA	NA	NA	NA	174.61	13.12	NA	161.49	NA	NA	NA
MW-3	07/07/1994	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	174.61	14.54	NA	160.07	0.02	NA	NA
MW-3	10/27/1994	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	174.61	15.62	NA	159.03	0.05	NA	NA
MW-3	11/17/1994	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	174.61	13.83	NA	160.78	NA	NA	NA
MW-3	11/28/1994	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	174.61	14.02	NA	160.59	NA	NA	NA
MW-3	01/13/1995	180,000	3,200	2,700	1,700	5,200	NA	NA	NA	NA	NA	NA	NA	174.61	12.13	NA	162.48	NA	NA	NA
MW-3 (D)	01/13/1995	23,000	4,000	690	960	3,000	NA	NA	NA	NA	NA	NA	NA	174.61	12.13	NA	162.48	NA	NA	NA
MW-3	04/12/1995	56,000	8,700	1,500	2,100	6,300	NA	NA	NA	NA	NA	NA	NA	174.61	12.96	NA	161.65	NA	NA	NA
MW-3	07/25/1995	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	174.61	14.28	NA	160.38	0.06	NA	NA
MW-3	10/18/1995	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	174.61	15.88	NA	158.77	0.05	NA	NA
MW-3	01/17/1996	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	174.61	13.86	NA	160.94	0.24	NA	NA
MW-3	04/25/1996	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	174.61	13.82	NA	160.81	0.02	NA	NA
MW-3	07/17/1996	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	174.61	16.11	NA	158.52	0.03	NA	NA
MW-3	10/01/1996	46,000	7,300	530	1,700	3,900	3,200	NA	NA	NA	NA	NA	NA	174.61	16.56	NA	158.05	NA	NA	NA
MW-3 (D)	10/01/1996	47,000	7,100	530	1,700	4,000	2,900	NA	NA	NA	NA	NA	NA	174.61	16.56	NA	158.05	NA	NA	NA
MW-3	01/22/1997	82,000	5,200	1,300	2,800	8,900	1,100	NA	NA	NA	NA	NA	NA	174.61	13.07	NA	161.54	NA	NA	NA
MW-3 (D)	01/22/1997	61,000	8,400	1,100	2,300	7,000	2,700	NA	NA	NA	NA	NA	NA	174.61	13.07	NA	161.54	NA	NA	NA
MW-3	04/08/1997	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	174.61	17.09	NA	157.54	0.03	NA	NA
MW-3	07/08/1997	56,000	8,800	580	2,000	4,900	2,800	NA	NA	NA	NA	NA	NA	174.61	15.85	NA	158.76	NA	NA	NA
MW-3	10/08/1997	48,000	8,000	590	1,700	3,400	5,100	NA	NA	NA	NA	NA	NA	174.61	16.22	NA	158.39	NA	NA	NA
MW-3	01/08/1998	47,000	9,400	810	2,300	4,700	6,300	NA	NA	NA	NA	NA	NA	174.61	13.80	NA	160.81	NA	NA	NA
MW-3 (D)	01/08/1998	48,000	8,100	750	2,000	4,100	5,800	NA	NA	NA	NA	NA	NA	174.61	13.80	NA	160.81	NA	NA	NA
MW-3	04/13/1998	32,000	6,800	540	1,400	3,400	4,000	NA	NA	NA	NA	NA	NA	174.61	12.97	NA	161.64	NA	NA	NA

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Shell-branded Service Station
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Well ID	Date	TPPH (ug/L)	B (ug/L)	T (ug/L)	E (ug/L)	X (ug/L)	MTBE 8020 (ug/L)	MTBE 8260 (ug/L)	DIPE (ug/L)	ETBE (ug/L)	TAME (ug/L)	TBA (ug/L)	Ethanol (ug/L)	TOC (MSL)	Depth to Water (ft.)	Depth to SPH (ft.)	GW Elevation (MSL)	SPH Thickness (ft.)	DO Reading (ppm)	ORP Reading (mV)
MW-3 (D)	04/13/1998	36,000	7,300	660	1,600	3,700	4,000	NA	NA	NA	NA	NA	NA	174.61	12.97	NA	161.64	NA	NA	NA
MW-3	07/17/1998	71,000	11,000	590	2,200	6,900	3,900	NA	NA	NA	NA	NA	NA	174.61	11.51	NA	163.10	NA	NA	NA
MW-3 (D)	07/17/1998	76,000	12,000	700	2,600	8,000	3,000	NA	NA	NA	NA	NA	NA	174.61	11.51	NA	163.10	NA	NA	NA
MW-3	10/02/1998	66,000	8,900	510	2,000	4,900	4,600	NA	NA	NA	NA	NA	NA	174.61	16.50	NA	158.11	NA	NA	NA
MW-3 (D)	10/02/1998	59,000	9,400	460	2,000	4,900	4,700	NA	NA	NA	NA	NA	NA	174.61	16.50	NA	158.11	NA	NA	NA
MW-3	02/03/1999	36,000	6,800	300	1,600	2,900	18,000	NA	NA	NA	NA	NA	NA	174.61	15.21	NA	159.40	NA	1.3	NA
MW-3	04/29/1999	45,000	8,100	580	2,200	5,800	4,700	5,150	NA	NA	NA	NA	NA	174.61	15.43	NA	159.18	NA	1.5	-68
MW-3	07/23/1999	29,400	3,540	215	810	3,800	4,720	6,950*	NA	NA	NA	NA	NA	174.61	14.95	NA	159.66	NA	1.3	NA
MW-3	11/01/1999	20,000	4,190	294	1,060	1,740	5,540	8,590	NA	NA	NA	NA	NA	174.61	14.66	NA	159.95	NA	0.6	-110
MW-3	01/17/2000	17,000	3,900	89	1,100	1,200	7,900	NA	NA	NA	NA	NA	NA	174.61	13.94	NA	160.67	NA	1.3	-40
MW-3	04/17/2000	28,100	5,240	247	1,540	2,750	16,600	NA	NA	NA	NA	NA	NA	174.61	14.00	NA	160.61	NA	1.1	-86
MW-3	07/26/2000	24,300	6,680	159	1,610	1,640	17,100	NA	NA	NA	NA	NA	NA	174.61	13.72	NA	160.89	NA	0.9	-70
MW-3	10/12/2000	14,300	2,630	86.7	241	1,360	16,300	NA	NA	NA	NA	NA	NA	174.61	14.15	NA	160.46	NA	0.9	50
MW-3	01/15/2001	22,100	4,400	266	977	2,990	13,200	NA	NA	NA	NA	NA	NA	174.61	13.05	NA	161.56	NA	1.3	-40
MW-3	04/09/2001	33,800	7,100	147	1,700	2,660	13,000	NA	NA	NA	NA	NA	NA	174.61	13.59	NA	161.02	NA	0.6	-56
MW-3	07/24/2001	220,000	5,600	1,900	4,400	19,000	NA	12,000	NA	NA	NA	NA	NA	174.61	14.43	NA	160.18	NA	0.4	29
MW-3	10/31/2001	65,000	2,700	510	1,800	7,200	NA	9,800	<20	<20	<20	5,200	<500	174.61	14.59	NA	160.02	NA	0.9	-27
MW-3	01/10/2002	66,000	2,400	490	1,700	6,600	NA	5,500	NA	NA	NA	NA	NA	174.61	12.65	NA	161.96	NA	1.7	-76
MW-3	04/25/2002	55,000	4,600	460	2,400	6,900	NA	8,100	NA	NA	NA	NA	NA	174.61	14.13	NA	160.48	NA	1.2	-96
MW-3	07/18/2002	56,000	3,300	270	1,700	5,000	NA	8,400	NA	NA	NA	NA	NA	174.61	15.48	15.45	159.15	0.03	0.8	-41
MW-3	10/07/2002	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	174.59	14.60	14.40	160.15	0.20	NA	NA
MW-3	01/06/2003	57,000	3,200	330	1,800	5,400	NA	5,100	NA	NA	NA	NA	NA	174.59	11.62	11.60	162.99	0.02	0.4	33
MW-3	04/07/2003	57,000	6,200	500	2,400	6,700	NA	8,200	NA	NA	NA	3,900	NA	174.59	13.80	NA	160.79	NA	0.5	61
MW-3	07/07/2003	28,000	4,900	300	1,500	4,100	NA	7,900	NA	NA	NA	4,700	NA	174.59	14.00	NA	160.59	NA	1.0	-11
MW-3	10/09/2003	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	174.59	14.44	14.36	160.21	0.08	NA	NA
MW-3	10/20/2003	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	174.59	14.68	14.61	159.97	0.07	NA	NA
MW-3	01/14/2004	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	174.59	12.47	12.45	162.14	0.02	NA	NA
MW-3	04/28/2004	32,000	7,300	190	2,100	4,300	NA	3,700	NA	NA	NA	2,500	NA	174.59	13.66	NA	160.93	NA	0.1	-16
MW-3	07/12/2004	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	174.59	14.87	14.83	159.75	0.04	NA	NA
MW-3	10/25/2004	49,000	5,100	61	1,800	3,600	NA	5,400	NA	NA	NA	2,700	NA	174.59	14.12	NA	160.47	NA	2.70	-59
MW-3	01/17/2005	57,000	8,000	190	2,000	4,000	NA	4,600	NA	NA	NA	3,300	NA	174.59	10.59	NA	164.00	NA	0.2	-18
MW-3	04/06/2005	57,000	7,300	180	2,200	3,300	NA	4,100	NA	NA	NA	2,700	NA	174.59	10.58	NA	164.01	NA	0.95	-77
MW-3	**07/08/2005**	**28,000**	**2,900**	**47**	**1,100**	**2,000**	**NA**	**2,800**	**<20**	**<20**	**<20**	**1,900**	**<200**	**174.59**	**13.46**	**NA**	**161.13**	**NA**	**0.1**	**-51**

WELL CONCENTRATIONS
Shell-branded Service Station
4255 MacArthur Boulevard
Oakland, CA

Well ID	Date	TPPH (ug/L)	B (ug/L)	T (ug/L)	E (ug/L)	X (ug/L)	MTBE 8020 (ug/L)	MTBE 8260 (ug/L)	DIPE (ug/L)	ETBE (ug/L)	TAME (ug/L)	TBA (ug/L)	Ethanol (ug/L)	TOC (MSL)	Depth to Water (ft.)	Depth to SPH (ft.)	GW Elevation (MSL)	SPH Thickness (ft.)	DO Reading (ppm)	ORP Reading (mV)
MW-4	11/17/1994	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	164.06	6.62	NA	157.44	NA	NA	NA
MW-4	11/28/1994	2,900	200	17	76	260	NA	NA	NA	NA	NA	NA	NA	164.06	6.11	NA	157.95	NA	NA	NA
MW-4	01/13/1995	1,900	130	5.6	13	40	NA	NA	NA	NA	NA	NA	NA	164.06	6.05	NA	158.01	NA	NA	NA
MW-4	04/12/1995	680	150	<2.0	10	13	NA	NA	NA	NA	NA	NA	NA	164.06	6.31	NA	157.75	NA	NA	NA
MW-4	07/25/1995	340	100	0.8	6.8	3	NA	NA	NA	NA	NA	NA	NA	164.06	7.36	NA	156.70	NA	NA	NA
MW-4	10/18/1995	150	31	<0.5	3.5	0.8	NA	NA	NA	NA	NA	NA	NA	164.06	8.54	NA	155.52	NA	NA	NA
MW-4	01/17/1996	290	14	<0.5	1.8	0.8	NA	NA	NA	NA	NA	NA	NA	164.06	8.48	NA	155.58	NA	NA	NA
MW-4	04/25/1996	<500	65	<5	<5	<5	1,700	NA	NA	NA	NA	NA	NA	164.06	7.40	NA	156.66	NA	NA	NA
MW-4 (D)	04/25/1996	<500	66	<5	8.7	<5	1,500	NA	NA	NA	NA	NA	NA	164.06	7.40	NA	156.66	NA	NA	NA
MW-4	07/17/1996	<500	84	<5.0	6.5	<5.0	1,500	NA	NA	NA	NA	NA	NA	164.06	7.75	NA	156.31	NA	NA	NA
MW-4 (D)	07/17/1996	<500	54	<5.0	<5.0	<5.0	1,700	2,100	NA	NA	NA	NA	NA	164.06	7.75	NA	156.31	NA	NA	NA
MW-4	10/01/1996	<500	1.9	<5.0	<5.0	<5.0	3,000	NA	NA	NA	NA	NA	NA	164.06	8.82	NA	155.24	NA	NA	NA
MW-4	01/22/1997	580	130	<2.5	18	5.2	1,200	NA	NA	NA	NA	NA	NA	164.06	7.51	NA	156.55	NA	NA	NA
MW-4	04/08/1997	770	200	7	26	55	1,500	8	NA	NA	NA	NA	NA	164.06	7.18	NA	156.88	NA	NA	NA
MW-4	07/08/1997	570	78	<5.0	14	11	1,200	NA	NA	NA	NA	NA	NA	164.06	9.00	NA	155.06	NA	NA	NA
MW-4 (D)	07/08/1997	640	81	<5.0	16	19	1,600	NA	NA	NA	NA	NA	NA	164.06	9.00	NA	155.06	NA	NA	NA
MW-4	10/08/1997	<500	40	<5.0	7.4	5.4	1,400	NA	NA	NA	NA	NA	NA	164.06	8.97	NA	155.09	NA	NA	NA
MW-4 (D)	10/08/1997	<500	36	<5.0	5.9	<5.0	1,400	NA	NA	NA	NA	NA	NA	164.06	8.97	NA	155.09	NA	NA	NA
MW-4	01/08/1998	<1,000	55	<10	13	<10	2,000	NA	NA	NA	NA	NA	NA	164.06	7.90	NA	156.16	NA	NA	NA
MW-4	04/13/1998	350	110	2.4	20	26	<2.5	NA	NA	NA	NA	NA	NA	164.06	7.35	NA	156.71	NA	NA	NA
MW-4	07/17/1998	210	66	0.78	5.4	9.8	1,700	NA	NA	NA	NA	NA	NA	164.06	6.95	NA	157.11	NA	NA	NA
MW-4	10/02/1998	<50	0.69	<0.50	<0.50	<0.50	2,900	NA	NA	NA	NA	NA	NA	164.06	7.35	NA	156.71	NA	NA	NA
MW-4	02/03/1999	560	120	2.5	29	34	6,800	NA	NA	NA	NA	NA	NA	164.06	7.71	NA	156.35	NA	0.9	NA
MW-4	04/29/1999	390	80	1.9	13	19	7,000	8,360	NA	NA	NA	NA	NA	164.06	7.83	NA	156.23	NA	1.1	-125
MW-4	07/23/1999	460	93.6	8.40	25.2	28.8	3,760	6,000*	NA	NA	NA	NA	NA	164.06	11.33	NA	152.73	NA	0.9	NA
MW-4	11/01/1999	77.3	0.520	<0.500	<0.500	<0.500	539	NA	NA	NA	NA	NA	NA	164.06	10.66	NA	153.40	NA	2.8	3
MW-4	01/17/2000	160	27	<0.50	12	6.3	12,000	NA	NA	NA	NA	NA	NA	164.06	10.15	NA	153.91	NA	3.9	-17
MW-4	04/17/2000	<500	26	6.38	9.35	10.4	9,070	NA	NA	NA	NA	NA	NA	164.06	10.10	NA	153.96	NA	1.7	-129
MW-4	07/26/2000	<500	22.7	<5.00	7.59	6.96	7,660	NA	NA	NA	NA	NA	NA	164.06	10.09	NA	153.97	NA	1.4	-137
MW-4	10/12/2000	172	19.8	<0.500	7.47	4.50	8,290	NA	NA	NA	NA	NA	NA	164.06	9.35	NA	154.71	NA	3.5	529
MW-4	01/15/2001	53.6	1.50	<0.500	2.45	1.80	9,260	NA	NA	NA	NA	NA	NA	164.06	8.77	NA	155.29	NA	2.3	53
MW-4	04/09/2001	<500	<5.00	<5.00	<5.00	5.52	10,300	NA	NA	NA	NA	NA	NA	164.06	7.75	NA	156.31	NA	1.0	-133
MW-4	07/24/2001	58	3.8	<0.50	3.2	2.9	NA	1,700	NA	NA	NA	NA	NA	164.06	10.07	NA	153.99	NA	0.5	106
MW-4	10/31/2001	<1,000	<10	<10	<10	<10	NA	7,400	NA	NA	NA	NA	NA	164.06	9.97	NA	154.09	NA	0.8	22

WELL CONCENTRATIONS
Shell-branded Service Station
4255 MacArthur Boulevard
Oakland, CA

Well ID	Date	TPPH (ug/L)	B (ug/L)	T (ug/L)	E (ug/L)	X (ug/L)	MTBE 8020 (ug/L)	MTBE 8260 (ug/L)	DIPE (ug/L)	ETBE (ug/L)	TAME (ug/L)	TBA (ug/L)	Ethanol (ug/L)	TOC (MSL)	Depth to Water (ft.)	Depth to SPH (ft.)	GW Elevation (MSL)	SPH Thickness (ft.)	DO Reading (ppm)	ORP Reading (mV)
MW-4	01/10/2002	<2,000	<20	<20	<20	<20	NA	12,000	NA	NA	NA	NA	NA	164.06	8.53	NA	155.53	NA	8.9	224
MW-4	04/25/2002	<2,000	<20	<20	<20	<20	NA	7,900	NA	NA	NA	NA	NA	164.06	7.33	NA	156.73	NA	3.6	-84
MW-4	07/18/2002	<2,000	<20	<20	<20	<20	NA	7,200	NA	NA	NA	NA	NA	164.06	9.05	NA	155.01	NA	1.7	120
MW-4	10/07/2002	<1,000	<10	<10	<10	<10	NA	3,300	NA	NA	NA	NA	NA	164.03	9.06	NA	154.97	NA	2.5	33
MW-4	01/06/2003	<500	21	<5.0	<5.0	<5.0	NA	2,500	NA	NA	NA	NA	NA	164.03	7.09	NA	156.94	NA	0.5	55
MW-4	04/07/2003	<2,500	<25	<25	<25	<50	NA	1,700	NA	NA	NA	5,900	NA	164.03	8.26	NA	155.77	NA	1.2	69
MW-4	07/07/2003	<2,500	<25	<25	<25	<50	NA	860	NA	NA	NA	6,900	NA	164.03	8.92	NA	155.11	NA	0.5	-3
MW-4	10/09/2003	<500	<5.0	<5.0	<5.0	<10	NA	420	NA	NA	NA	6,700	NA	164.03	8.91	NA	155.12	NA	0.7	171
MW-4	01/14/2004	<1,000	24	<10	<10	<20	NA	500	NA	NA	NA	7,200	NA	164.03	8.34	NA	155.69	NA	1.2	140
MW-4	04/28/2004	<500	6.0	<5.0	<5.0	<10	NA	310	NA	NA	NA	5,200	NA	164.03	7.55	NA	156.48	NA	0.4	69
MW-4	07/12/2004	<500	11	<5.0	7.8	<10	NA	370	<20	<20	<20	5,900	<500	164.03	8.12	NA	155.91	NA	0.5	142
MW-4	10/25/2004	<500	<5.0	<5.0	5.6	<10	NA	280	NA	NA	NA	4,300	NA	164.03	7.85	NA	156.18	NA	1.90	-70
MW-4	01/17/2005	<1,000	56	<10	10	<20	NA	380	NA	NA	NA	8,400	NA	164.03	6.08	NA	157.95	NA	0.4	6
MW-4	04/06/2005	<1,000	52	<10	11	<20	NA	450	NA	NA	NA	12,000	NA	164.03	8.10	NA	155.93	NA	0.49	11
MW-4	**07/08/2005**	**<400**	**30**	**<4.0**	**6.0**	**<4.0**	**NA**	**250**	**<4.0**	**<4.0**	**<4.0**	**9,600**	**<40**	**164.03**	**7.50**	**NA**	**156.53**	**NA**	**0.6**	**71**
MW-5	01/04/2002	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	5.62	NA	NA	NA	NA	NA
MW-5	01/10/2002	<50	<0.50	<0.50	<0.50	<0.50	NA	110	NA	NA	NA	NA	NA	164.06	5.88	NA	158.18	NA	3.3	172
MW-5	04/25/2002	<50	<0.50	<0.50	<0.50	<0.50	NA	73	NA	NA	NA	NA	NA	164.06	6.81	NA	157.25	NA	0.3	-44
MW-5	07/18/2002	<50	<0.50	<0.50	<0.50	<0.50	NA	75	NA	NA	NA	NA	NA	164.06	7.38	NA	156.68	NA	0.4	170
MW-5	10/07/2002	<50	<0.50	<0.50	<0.50	<0.50	NA	41	NA	NA	NA	NA	NA	164.14	6.75	NA	157.39	NA	1.5	16
MW-5	01/06/2003	<50	<0.50	<0.50	<0.50	<0.50	NA	81	NA	NA	NA	NA	NA	164.14	5.96	NA	158.18	NA	0.6	166
MW-5	04/07/2003	<50	<0.50	<0.50	<0.50	<1.0	NA	77	NA	NA	NA	28	NA	164.14	6.51	NA	157.63	NA	0.8	174
MW-5	07/07/2003	<50	<0.50	<0.50	<0.50	<1.0	NA	32	NA	NA	NA	23	NA	164.14	6.44	NA	157.70	NA	0.3	-17
MW-5	10/09/2003	<50	<0.50	<0.50	<0.50	<1.0	NA	59	NA	NA	NA	40	NA	164.14	7.05	NA	157.09	NA	0.9	17
MW-5	01/14/2004	<50	<0.50	0.76	<0.50	<1.0	NA	47	NA	NA	NA	17	NA	164.14	6.29	NA	157.85	NA	1.6	209
MW-5	04/28/2004	<50	<0.50	<0.50	<0.50	<1.0	NA	31	NA	NA	NA	11	NA	164.14	6.84	NA	157.30	NA	0.4	136
MW-5	07/12/2004	<50	<0.50	<0.50	<0.50	<1.0	NA	47	<2.0	<2.0	<2.0	12	<50	164.14	7.57	NA	156.57	NA	0.4	90
MW-5	10/25/2004	<50	<0.50	<0.50	<0.50	<1.0	NA	41	NA	NA	NA	13	NA	164.14	6.50	NA	157.64	NA	1.74	-21
MW-5	01/17/2005	<50	<0.50	<0.50	<0.50	<1.0	NA	41	NA	NA	NA	12	NA	164.14	5.83	NA	158.31	NA	0.1	-7
MW-5	04/06/2005	<50	<0.50	<0.50	<0.50	<1.0	NA	12	NA	NA	NA	<5.0	NA	164.14	5.91	NA	158.23	NA	1.05	-62
MW-5	**07/08/2005**	**<50**	**<0.50**	**<0.50**	**<0.50**	**<0.50**	**NA**	**26**	**<0.50**	**<0.50**	**<0.50**	**18**	**<5.0**	**164.14**	**6.78**	**NA**	**157.36**	**NA**	**1.2**	**81**
TB-1	04/29/1999	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	6.00	NA	NA	NA	3.8	-132

WELL CONCENTRATIONS
Shell-branded Service Station
4255 MacArthur Boulevard
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Well ID	Date	TPPH (ug/L)	B (ug/L)	T (ug/L)	E (ug/L)	X (ug/L)	MTBE 8020 (ug/L)	MTBE 8260 (ug/L)	DIPE (ug/L)	ETBE (ug/L)	TAME (ug/L)	TBA (ug/L)	Ethanol (ug/L)	TOC (MSL)	Depth to Water (ft.)	Depth to SPH (ft.)	GW Elevation (MSL)	SPH Thickness (ft.)	DO Reading (ppm)	ORP Reading (mV)
TB-1	11/01/1999	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	12.65	NA	NA	NA	0.2	-165
TB-1	01/17/2000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	7.72	NA	NA	NA	0.8	-178
TB-1	04/17/2000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	7.65	NA	NA	NA	0.5	-152
TB-1	07/26/2000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	5.13	NA	NA	NA	1.0	-124
TB-1	10/12/2000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	5.20	NA	NA	NA	0.7	-73
TB-1	01/15/2001	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	5.09	NA	NA	NA	1.2	-118
TB-1	04/09/2001	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	4.96	NA	NA	NA	1.0	-72
TB-1	07/24/2001	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	6.03	NA	NA	NA	1.4	31
TB-1	10/31/2001	1,000	85	<10	<10	42	NA	4,100	NA	NA	NA	NA	NA	NA	5.89	NA	NA	NA	1.8	88
TB-1	01/10/2002	5,000	410	390	65	620	NA	9,000	NA	NA	NA	NA	NA	NA	7.47	NA	NA	NA	2.0	95
TB-1	04/25/2002	5,000	780	60	49	91	NA	6,000	NA	NA	NA	NA	NA	NA	11.71	NA	NA	NA	1.7	-136
TB-1	07/18/2002	Insufficient water		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	13.50	NA	NA	NA	NA	NA
TB-1	10/07/2002	4,600	480	36	98	200	NA	4,000	NA	NA	NA	NA	NA	NA	12.95	NA	NA	NA	1.6	-48
TB-1	01/06/2003	130	30	<0.50	<0.50	0.78	NA	330	NA	NA	NA	NA	NA	NA	5.56	NA	NA	NA	0.4	-20
TB-2	04/29/1999	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	4.76	NA	NA	NA	4.2	-108
TB-2	11/01/1999	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	11.33	NA	NA	NA	0.5	-148
TB-2	01/17/2000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	9.79	NA	NA	NA	0.7	-162
TB-2	04/17/2000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	9.75	NA	NA	NA	0.9	-121
TB-2	07/26/2000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	4.73	NA	NA	NA	0.9	-85
TB-2	10/12/2000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	4.05	NA	NA	NA	0.6	-47
TB-2	01/15/2001	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	3.87	NA	NA	NA	0.7	-91
TB-2	04/09/2001	46,600	1,240	1,310	1,110	12,100	31,300	NA	NA	NA	NA	NA	NA	NA	3.78	NA	NA	NA	0.8	-24
TB-2	07/24/2001	11,000	630	<25	310	200	NA	11,000	NA	NA	NA	NA	NA	NA	4.75	NA	NA	NA	0.4	-51
TB-2	10/31/2001	7,500	530	1,500	100	500	NA	2,500	NA	NA	NA	NA	NA	NA	4.24	NA	NA	NA	0.6	-7
TB-2	01/10/2002	<5,000	480	47	34	110	NA	12,000	NA	NA	NA	NA	NA	NA	6.26	NA	NA	NA	1.3	-81
TB-2	04/25/2002	4,700	470	140	<20	80	NA	7,400	NA	NA	NA	NA	NA	NA	11.78	NA	NA	NA	0.9	-107
TB-2	07/18/2002	7,500	630	650	<25	390	NA	44,000	NA	NA	NA	NA	NA	NA	12.34	NA	NA	NA	0.9	-67
TB-2	10/07/2002	<10,000	580	<100	<100	180	NA	30,000	NA	NA	NA	NA	NA	NA	11.62	NA	NA	NA	1.0	-41
TB-2	01/06/2003	120	4.8	<0.50	<0.50	2.0	NA	220	NA	NA	NA	NA	NA	NA	4.35	NA	NA	NA	0.5	-515

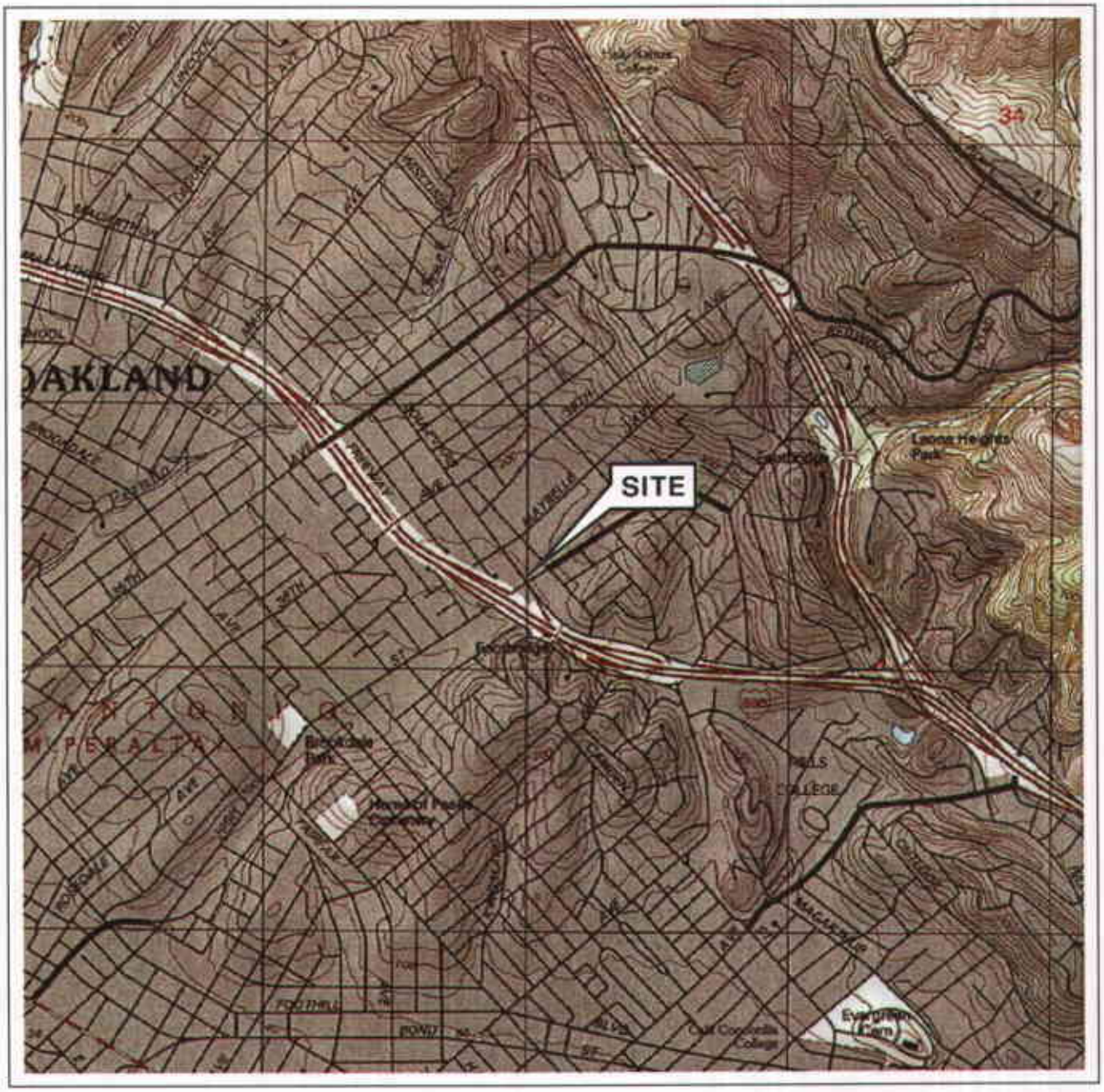
WELL CONCENTRATIONS
Shell-branded Service Station
4255 MacArthur Boulevard
Oakland, CA

Well ID	Date	TPPH (ug/L)	B (ug/L)	T (ug/L)	E (ug/L)	X (ug/L)	MTBE 8020 (ug/L)	MTBE 8260 (ug/L)	DIPE (ug/L)	ETBE (ug/L)	TAME (ug/L)	TBA (ug/L)	Ethanol (ug/L)	TOC (MSL)	Depth to Water (ft.)	Depth to SPH (ft.)	GW Elevation (MSL)	SPH Thickness (ft.)	DO Reading (ppm)	ORP Reading (mV)

Abbreviations:
TPPH = Total petroleum hydrocarbons as gasoline by EPA Method 8260B; prior to July 24, 2001, analyzed by EPA Method 8015.
BTEX = Benzene, toluene, ethylbenzene, xylenes by EPA Method 8260B; prior to July 24, 2001, analyzed by EPA Method 8020.
MTBE = Methyl tertiary butyl ether
DIPE = Di-isopropyl ether, analyzed by EPA Method 8260
ETBE = Ethyl tertiary butyl ether, analyzed by EPA Method 8260
TAME = Tertiary amyl methyl ether, analyzed by EPA Method 8260
TBA = Tertiary butyl alcohol, analyzed by EPA Method 8260
TOC = Top of Casing Elevation
SPH = Separate-Phase Hydrocarbons
GW = Groundwater
ug/L = Parts per billion
MSL = Mean sea level
ft. = Feet
<n = Below detection limit
(D) = Duplicate sample
NA = Not applicable
DO = Dissolved Oxygens
ppm = Parts per million
ORP = Oxidation Reduction Potential
mV = Millivolts

Notes:
a = Ground water surface had a sheen when sampled.
b = MTBE value is estimated by Sequoia Analytical of Redwood City, CA.
* = Sample analyzed outside the EPA recommended holding time.
Ethanol analyzed by EPA Method 8260B.
Site surveyed March 14, 2002 by Virgil Chavez Land Surveying of Vallejo, CA.
When separate-phase hydrocarbons are present, ground water elevation is adjusted using the relation: Corrected ground water elevation = Top-of-Casing Elevation - Depth to Water + (0.8 x Hydrocarbon Thickness).

FIGURES



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SOURCE:

United States Geological Survey
7.5 Minute Topographic Map:
Oakland East Quadrangle

VICINITY MAP

76 Station 1156
4276 MacArthur Boulevard
Oakland, California

FIGURE 1

TRC

PS = 1:1

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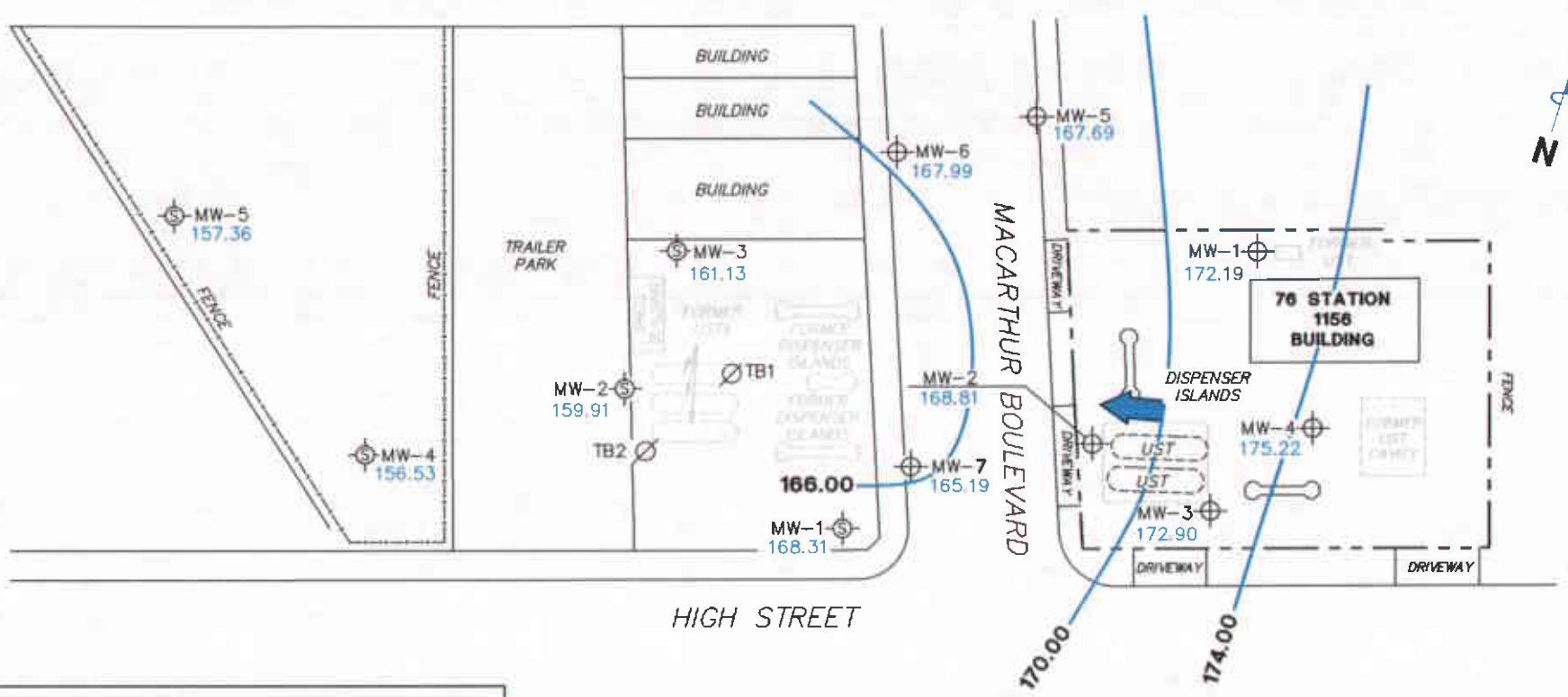

LEGEND

MW-7 ⊕ 76 Station Monitoring Well with Groundwater Elevation (feet)

MW-5 Ⓢ Shell Monitoring Well

TB2 ∅ Destroyed Shell Well

174.00 Groundwater Elevation Contour

General Direction of Groundwater Flow

NOTES:

Contour lines are interpretive and based on fluid levels measured in monitoring wells. Elevations are in feet above mean sea level. UST = underground storage tank. Shell Station data provided by Blaine Tech but are not included in groundwater contour interpretation.

SCALE (FEET)

0 60

GROUNDWATER ELEVATION CONTOUR MAP
July 8, 2005

76 Station 1156
4276 MacArthur Boulevard
Oakland, California

FIGURE 2

TRC

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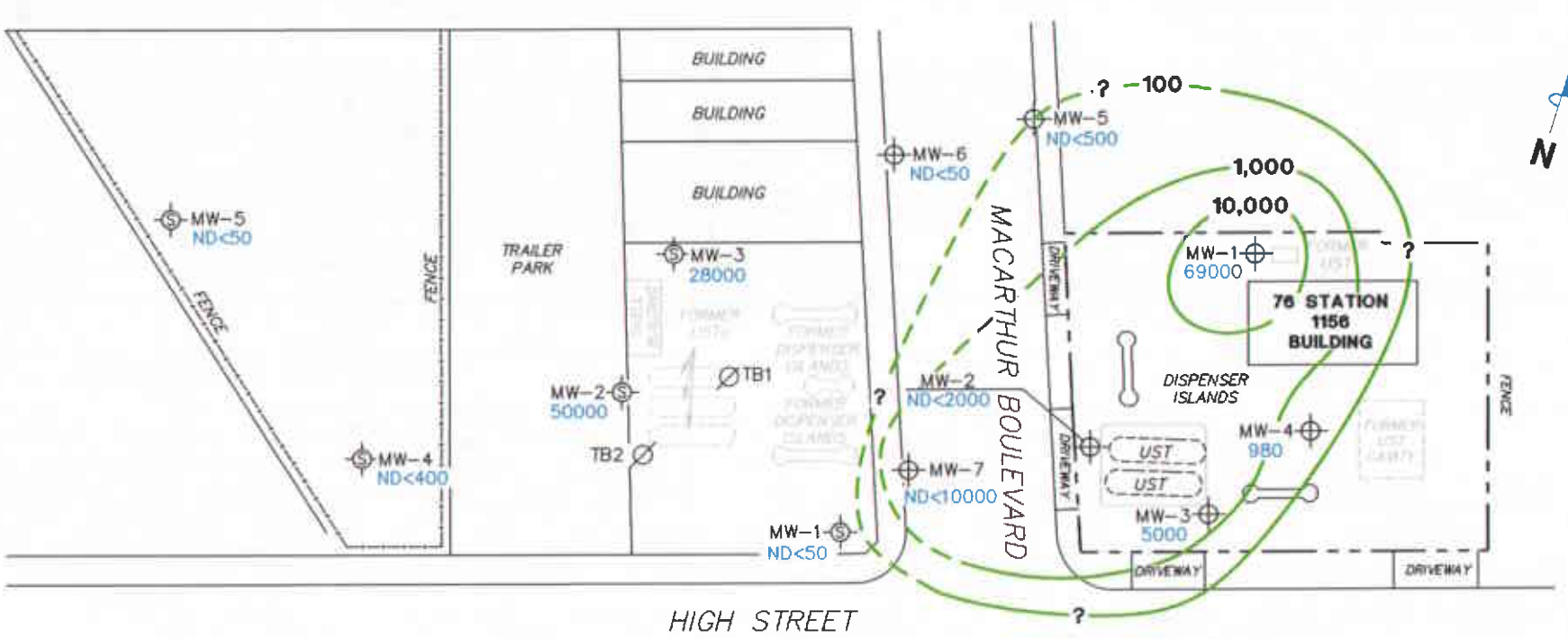

LEGEND

MW-7 ⊕ 76 Station Monitoring Well with Dissolved-Phase TPH-G Concentration (µg/l)

MW-5 Ⓢ Shell Monitoring Well with Dissolved-Phase TPPH Concentration (µg/l)

TB2 ∅ Destroyed Shell Well

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

NOTES:

Contour lines are interpretive and based on laboratory analysis results of groundwater samples. TPH-G = total petroleum hydrocarbons as gasoline. TPPH = total purgeable petroleum hydrocarbons. µg/l = micrograms per liter. ND = not detected at limit indicated on official laboratory report. UST = underground storage tank. Dashes indicate contour based on non-detect at elevated detection limit. TPH-G results obtained using EPA Method 8015. Shell Station data provided by Blaine Tech: not included in contour interpretation.

SCALE (FEET)

0 60

DISSOLVED-PHASE TPH-G CONCENTRATION MAP
July 8, 2005

76 Station 1156
4276 MacArthur Boulevard
Oakland, California

FIGURE 3

TRC

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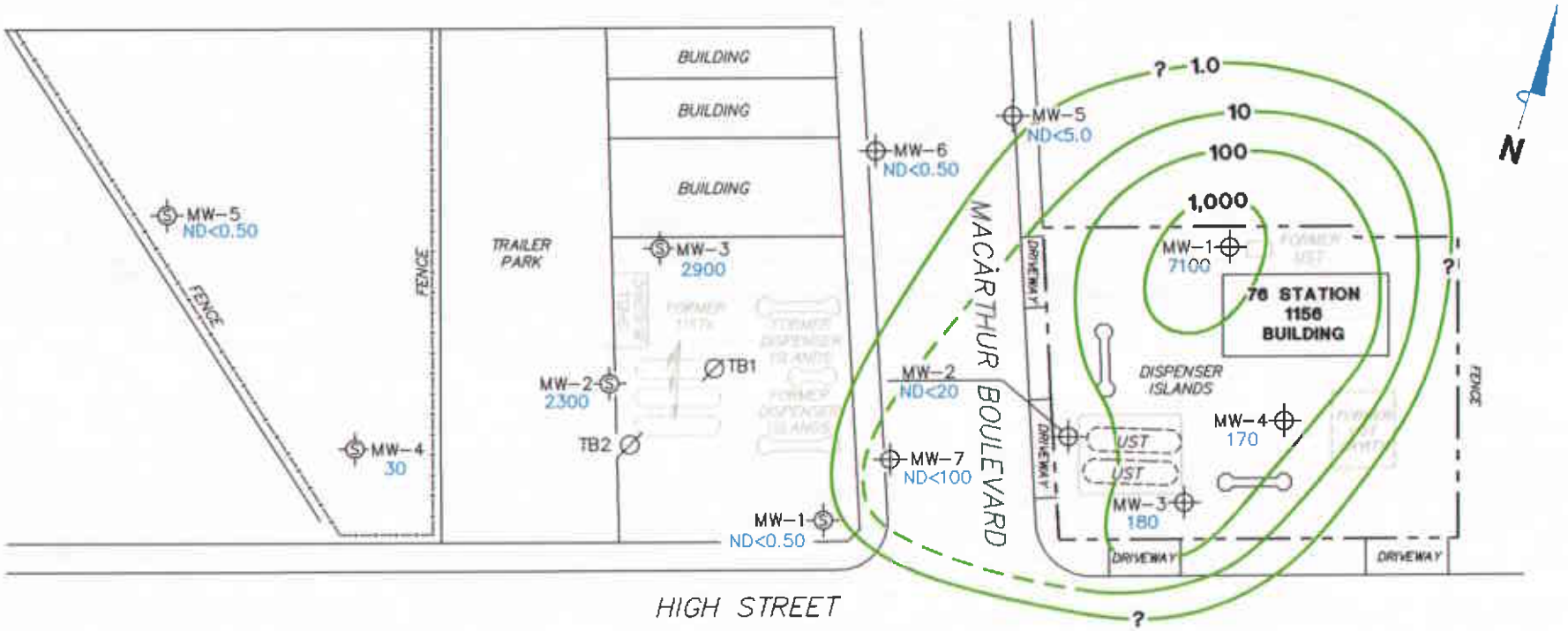

LEGEND

MW-7 ⊕ 76 Station Monitoring Well with Dissolved-Phase Benzene Concentration (µg/l)

MW-5 Ⓢ Shell Monitoring Well

TB2 ∅ Destroyed Shell Well

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

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. Dashes indicate contour based on non-detect at elevated detection limit. Shell Station data provided by Blaine Tech: not included in contour interpretation.

SCALE (FEET)

0 60

DISSOLVED-PHASE BENZENE CONCENTRATION MAP
July 8, 2005

76 Station 1156
4276 MacArthur Boulevard
Oakland, California

FIGURE 4

TRC

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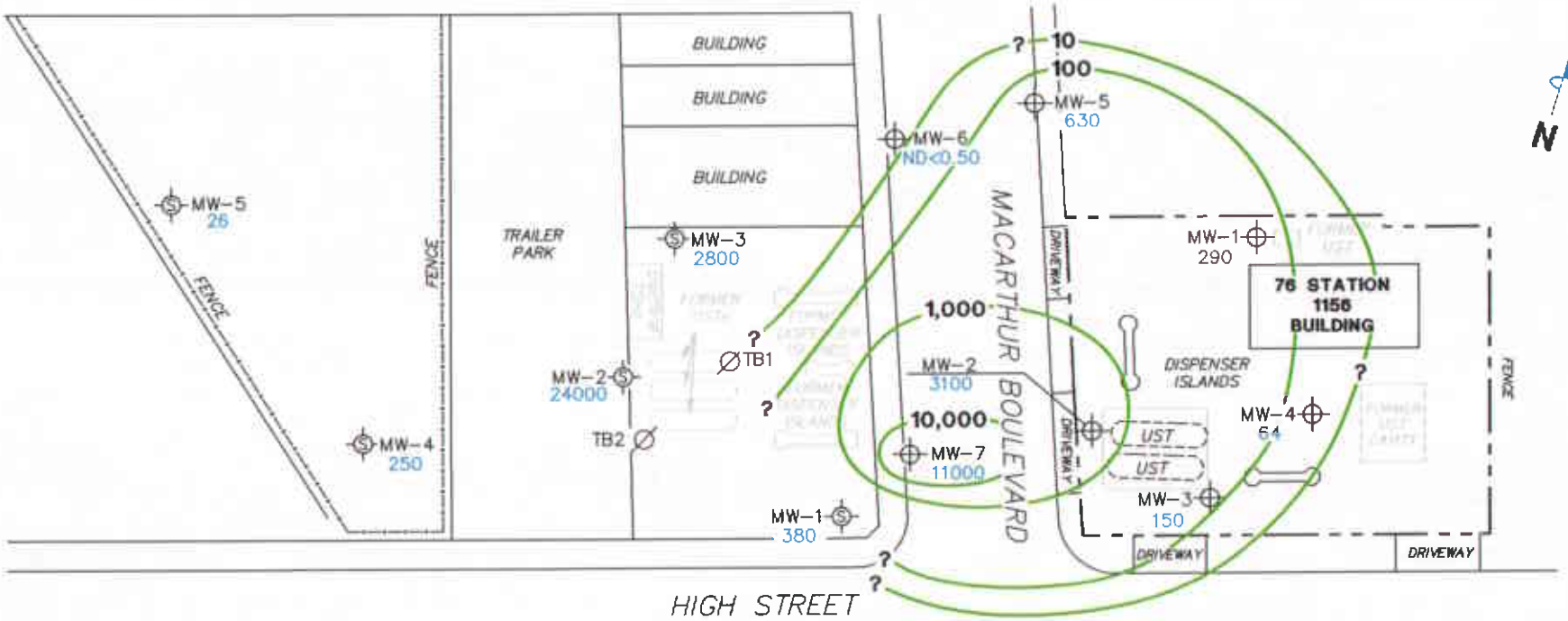

LEGEND

MW-7 ⊕ 76 Station Monitoring Well with Dissolved-Phase MTBE Concentration (µg/l)

MW-5 Ⓢ Shell Monitoring Well

TB2 ∅ Destroyed Shell Well

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

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. Shell Station data provided by Blaine Tech; not included in contour interpretation. Results obtained using EPA Method 8260B.

SCALE (FEET)

0 60

DISSOLVED-PHASE MTBE CONCENTRATION MAP
July 8, 2005

76 Station 1156
4276 MacArthur Boulevard
Oakland, California

FIGURE 5

TRC

PS=1:1 1156-003

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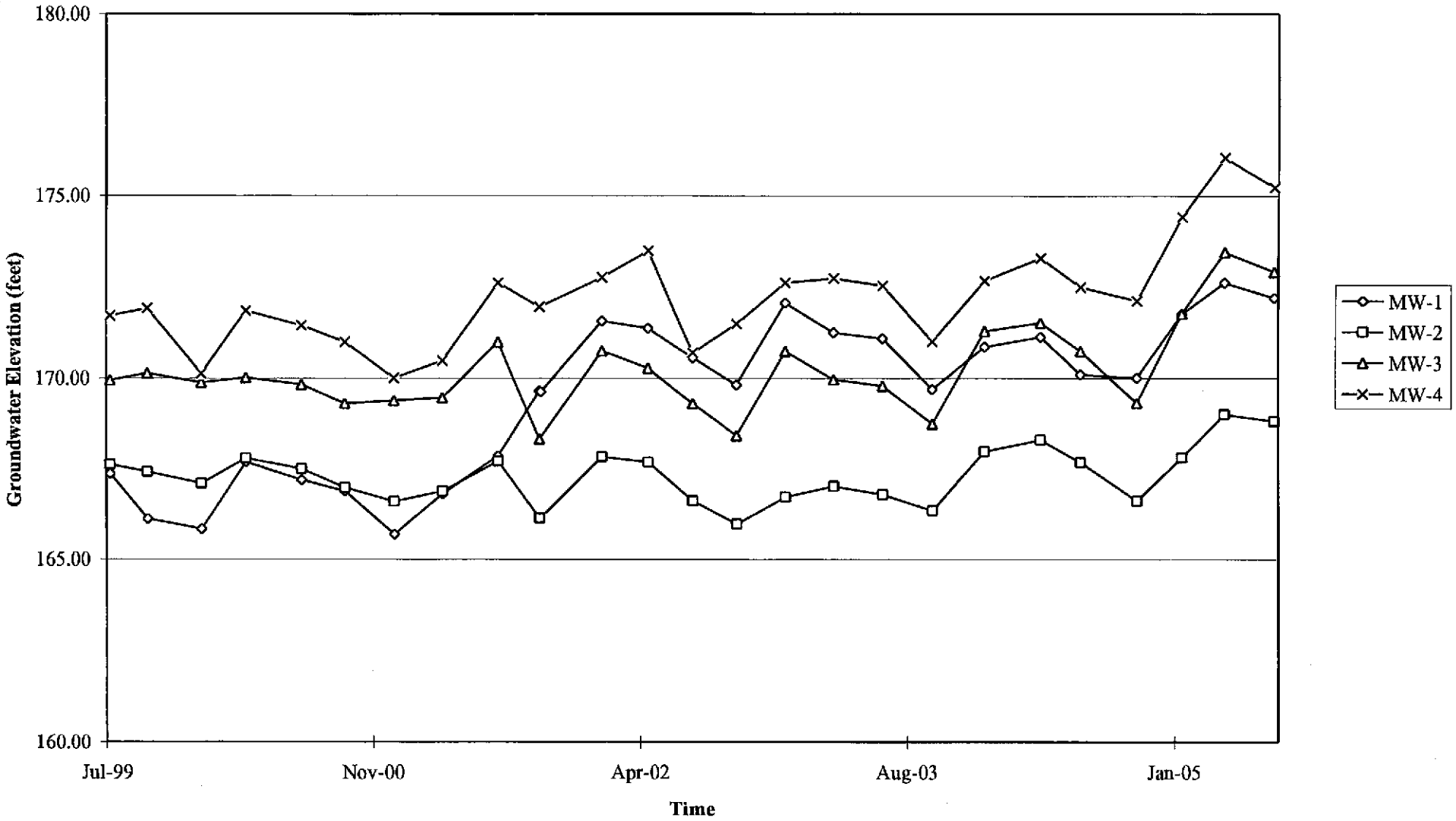
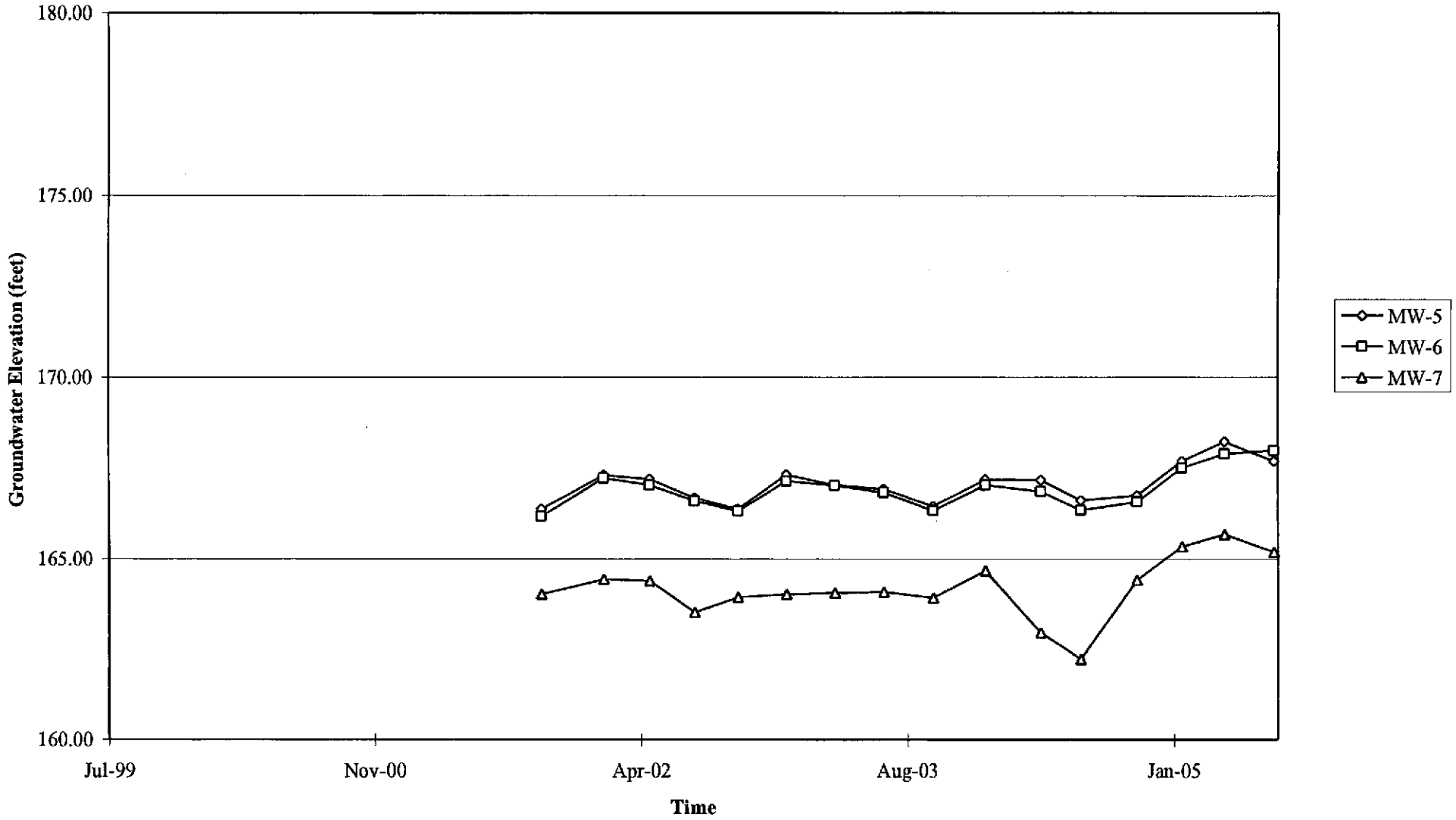
GRAPHS

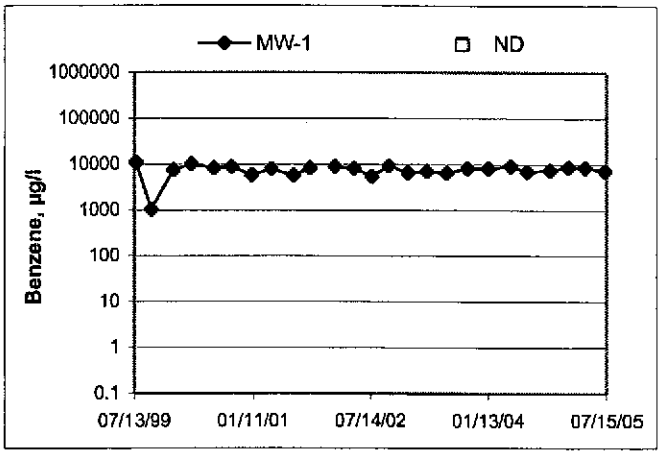
Groundwater Elevations vs. Time
76 Station 1156

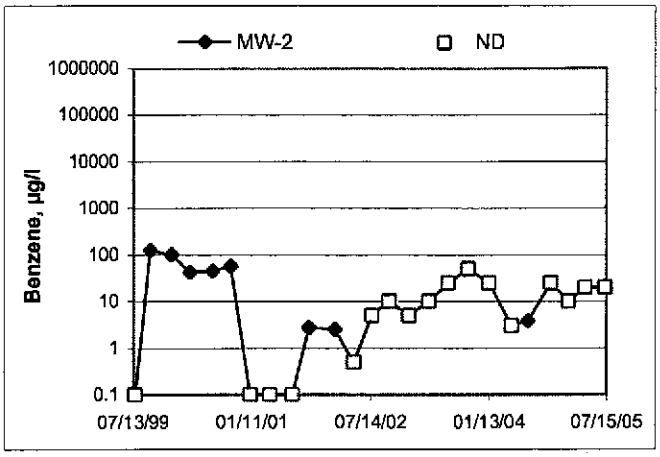


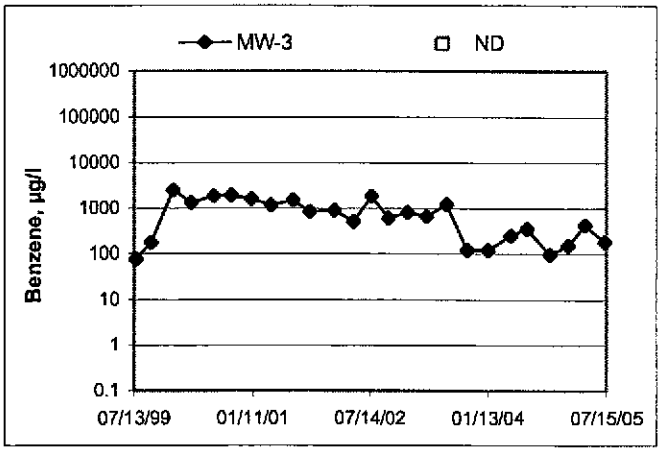
Groundwater Elevations vs. Time
76 Station 1156

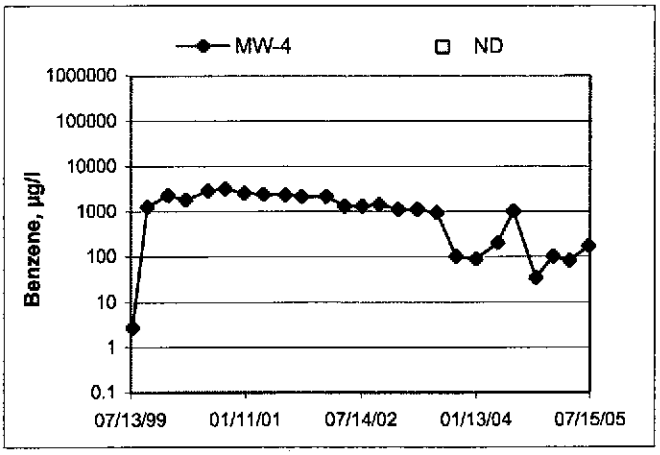


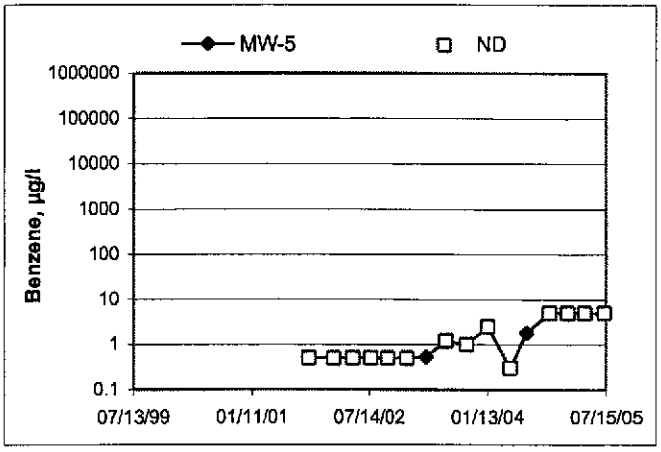
Benzene Concentrations vs Time
76 Station 1156

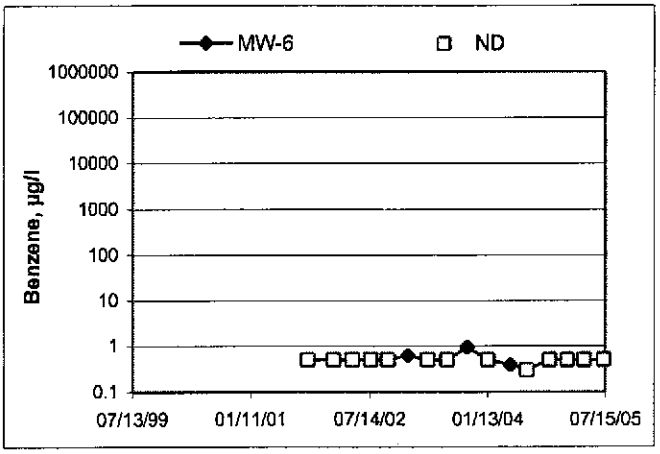


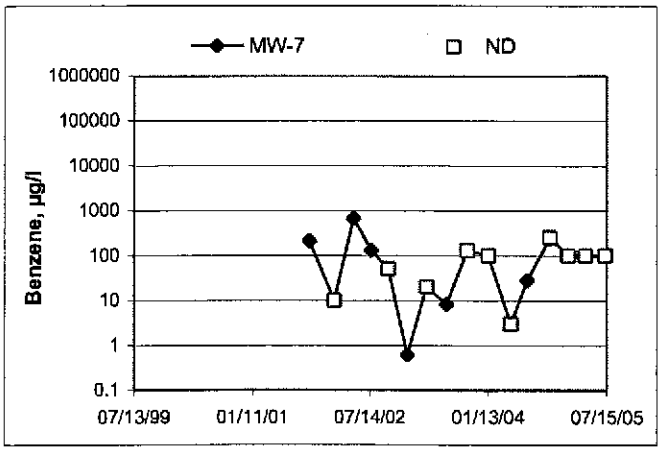




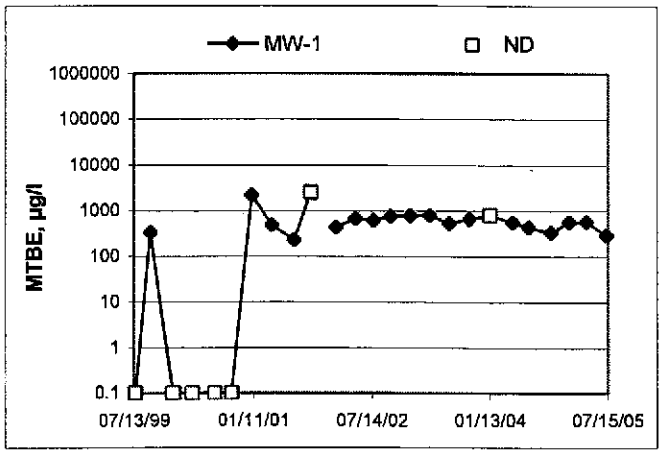


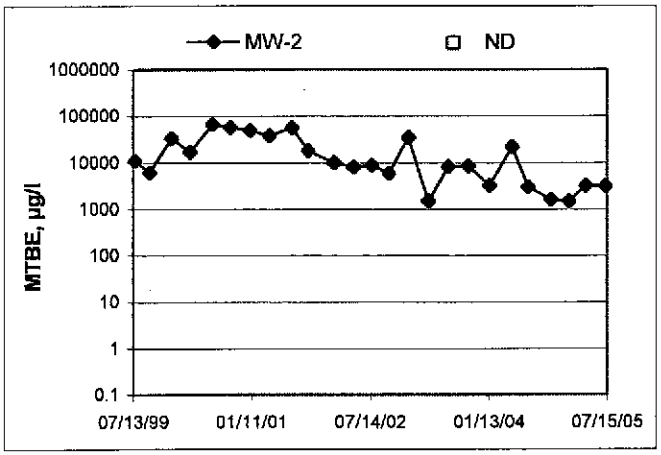


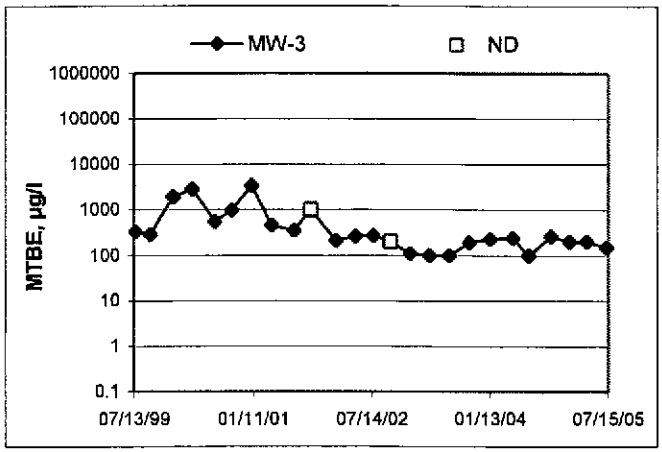


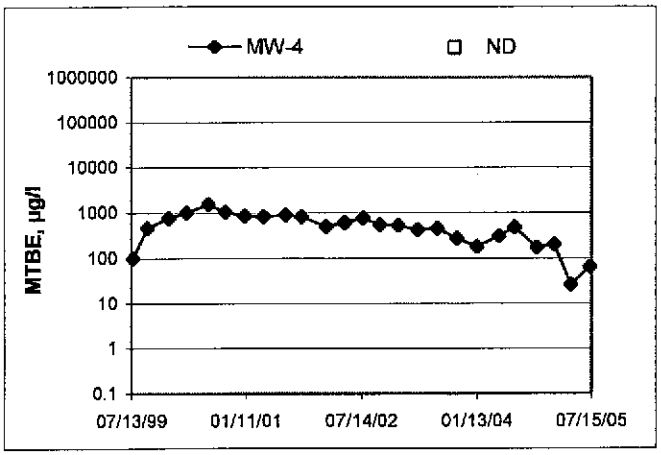


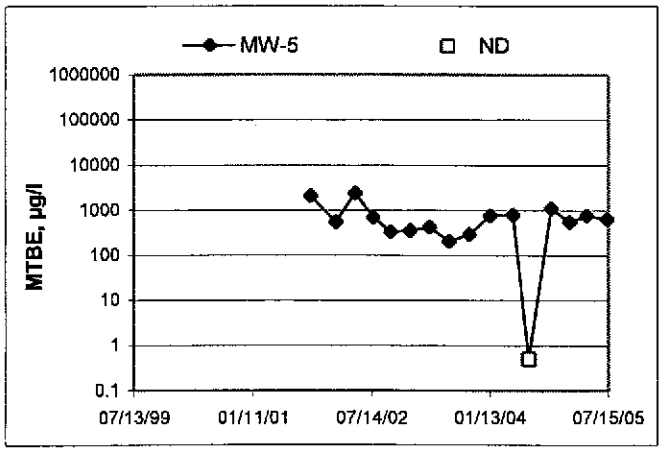
MTBE Concentrations vs Time
76 Station 1156

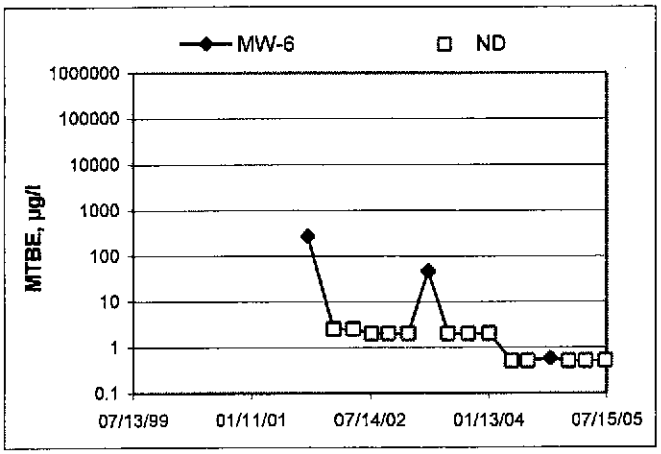


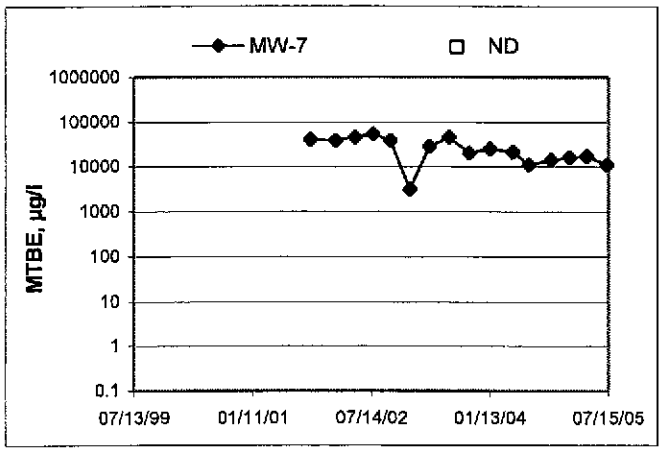












GENERAL FIELD PROCEDURES

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 of pneumatic diaphragm pumps.

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

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

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

Groundwater Sample Collection

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

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

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

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

Sequence of Gauging, Purging and Sampling

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

Decontamination

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

Exceptions

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

FIELD MONITORING DATA SHEET

Technician: Basi Job #/Task #: 41052001/FA20 Date: 07/08/05

Site # 1156 Project Manager A. Collins Page 1 of 1

Well #	TOC	Time Gauged	Total Depth	Depth to Water	Depth to Product	Product Thickness (feet)	Time Sampled	Misc. Well Notes
MW-6	✓	0636	24.52	1.05	Ø	Ø	1036	2"
MW-5	↓	0643	25.29	1.49	↓	↓	1026	↓
MW-2	↓	0650	25.39	4.69	↓	↓	1006	↓
MW-7	↓	0703	25.38	6.45	↓	↓	1049	↓
MW-4	↓	0708	25.24	3.74	↓	↓	1019	↓
MW-3	↓	0715	24.98	5.23	↓	↓	1102	↓
MW-1	↓	0723	25.06	5.35	↓	↓	1121	↓

FIELD DATA COMPLETE QA/QC COC WELL BOX CONDITION SHEETS

WTT CERTIFICATE MANIFEST DRUM INVENTORY TRAFFIC CONTROL

TRC

GROUNDWATER SAMPLING FIELD NOTES

Technician: Sasi

Site: 1156

Project No.: Y105001 /FA20

Date: 07/08/05

Well No.: MW-2

Depth to Water (feet): 4.69

Total Depth (feet): 25.39

Water Column (feet): 20.70

80% Recharge Depth (feet): 12.14

Purge Method: DIA

Depth to Product (feet): 0

LPH & Water Recovered (gallons): 0

Casing Diameter (Inches): 2"

1 Well Volume (gallons): 3

Time Start	Time Stop	Depth To Water (feet)	Volume Purged (gallons)	Conductivity (uS/cm)	Temperature (F, C)	pH	Turbidity	D.O.
758			3	612	18.2	7.74		
			6	595	18.5	7.48		
	0806		9	597	18.6	7.51		

Static at Time Sampled	Total Gallons Purged	Time Sampled
9.46	9	1006

Comments:

Well No.: MW-7

Depth to Water (feet): 6.45

Total Depth (feet): 25.38

Water Column (feet): 18.93

80% Recharge Depth (feet): 10.23

Purge Method: DIA

Depth to Product (feet): 0

LPH & Water Recovered (gallons): 0

Casing Diameter (Inches): 2"

1 Well Volume (gallons): 3

Time Start	Time Stop	Depth To Water (feet)	Volume Purged (gallons)	Conductivity (uS/cm)	Temperature (F, C)	pH	Turbidity	D.O.
0904			3	751	17.4	7.66		
			6	805	16.4	7.32		
	0911		9	741	17.3	7.45		

Static at Time Sampled	Total Gallons Purged	Time Sampled
9.54	9	1049

Comments:

GROUNDWATER SAMPLING FIELD NOTES

Technician: [signature]

Site: 1156

Project No.: [illegible] / FA20

Date: 07/08/05

Well No.: MW-6

Depth to Water (feet): 1.05

Total Depth (feet): 24.92

Water Column (feet): 23.87

80% Recharge Depth (feet): 5.82

Purge Method: DIA

Depth to Product (feet): Ø

LPH & Water Recovered (gallons): Ø

Casing Diameter (Inches): 2"

1 Well Volume (gallons): 4

Time Start	Time Stop	Depth To Water (feet)	Volume Purged (gallons)	Conductivity (uS/cm)	Temperature (F, C)	pH	Turbidity	D.O.
0846			4	573	18.2	780		
			8	546	17.4	767		
	0854		12	577	17.5	7.56		

Static at Time Sampled	Total Gallons Purged	Time Sampled
1.79	12	1036

Comments:

Well No.: MW-8

Depth to Water (feet): 1.49

Total Depth (feet): 25.29

Water Column (feet): 23.80

80% Recharge Depth (feet): 6.25

Purge Method: DIA

Depth to Product (feet): Ø

LPH & Water Recovered (gallons): Ø

Casing Diameter (Inches): 2"

1 Well Volume (gallons): 4

Time Start	Time Stop	Depth To Water (feet)	Volume Purged (gallons)	Conductivity (uS/cm)	Temperature (F, C)	pH	Turbidity	D.O.
0826			4	620	18.5	7.57		
			8	656	17.9	7.54		
	0837		12	632	18.3	7.69		

Static at Time Sampled	Total Gallons Purged	Time Sampled
1.80	12	1026

Comments:

GROUNDWATER SAMPLING FIELD NOTES

Technician: [illegible]

Site: 1156

Project No.: [illegible]

Date: 07/08/05

Well No.: MW-4

Depth to Water (feet): 3.74

Total Depth (feet): 25.24

Water Column (feet): 21.50

80% Recharge Depth (feet): 8.04

Purge Method: DIA

Depth to Product (feet): ✓

LPH & Water Recovered (gallons): ✓

Casing Diameter (Inches): 2"

1 Well Volume (gallons): 3

Time Start	Time Stop	Depth To Water (feet)	Volume Purged (gallons)	Conductivity (uS/cm)	Temperature (F, C)	pH	Turbidity	D.O.
0812			3	513	19.2	7.24		
			6	479	20.0	6.85		
	0819		9	467	19.0	6.97		

Static at Time Sampled	Total Gallons Purged	Time Sampled
7.51	9	1019

Comments:

Well No.: MW-3

Depth to Water (feet): 5.23

Total Depth (feet): 24.98

Water Column (feet): 19.75

80% Recharge Depth (feet): 9.18

Purge Method: DIA

Depth to Product (feet): ✓

LPH & Water Recovered (gallons): ✓

Casing Diameter (Inches): 2

1 Well Volume (gallons): 3

Time Start	Time Stop	Depth To Water (feet)	Volume Purged (gallons)	Conductivity (uS/cm)	Temperature (F, C)	pH	Turbidity	D.O.
0919			3	574	18.7	7.81		
			6	604	20.0	7.24		
	0927		9	589	19.3	7.18		

Static at Time Sampled	Total Gallons Purged	Time Sampled
5.92	9	1102

Comments:

GROUNDWATER SAMPLING FIELD NOTES

Technician: [illegible]

Site: 1156

Project No.: [illegible] / [illegible]

Date: 07/08/05

Well No.: MW-1

Purge Method: DIA

Depth to Water (feet): 5.35

Depth to Product (feet): Ø

Total Depth (feet): 25.06

LPH & Water Recovered (gallons): Ø

Water Column (feet): 19.71

Casing Diameter (Inches): 2"

80% Recharge Depth (feet): 9.29

1 Well Volume (gallons): 3

Time Start	Time Stop	Depth To Water (feet)	Volume Purged (gallons)	Conductivity (uS/cm)	Temperature (F, C)	pH	Turbidity	D.O.
0933			3	762	18.6	7.77		
			6	737	17.8	7.82		
	0939		9	706	18.3	8.12		

Static at Time Sampled	Total Gallons Purged	Time Sampled
7.92	9	1121

Comments:

Well No.:

Purge Method:

Depth to Water (feet):

Depth to Product (feet):

Total Depth (feet):

LPH & Water Recovered (gallons):

Water Column (feet):

Casing Diameter (Inches):

80% Recharge Depth (feet):

1 Well Volume (gallons):

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

Static at Time Sampled	Total Gallons Purged	Time Sampled

Comments:

SEVERN TRENT STL

Submission#: 2005-07-0195

TRC Alton Geoscience- Irvine

July 27, 2005

21 Technology Drive
Irvine, CA 92718

Attn.: Anju Farfan

Project#: 41050001FA20
Project: Conoco Phillips # 1156
Site: 4276 Mac Arthur, Oakland

Attached is our report for your samples received on 07/08/2005 17:00
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 08/22/2005 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: 2005-07-0195

Halogenated Volatile Organic Compounds by 8021B/8260B

TRC Alton Geoscience- Irvine
Attn.: Anju Farfan

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

Project: 41050001FA20
Conoco Phillips # 1156

Received: 07/08/2005 17:00

Site: 4276 Mac Arthur, Oakland

Samples Reported

Sample Name	Date Sampled	Matrix	Lab #
MW-1	07/08/2005 11:21	Water	7

Halogenated Volatile Organic Compounds by 8021B/8260B

TRC Alton Geoscience- Irvine

Attn.: Anju Farfan

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

Project: 41050001FA20
Conoco Phillips # 1156

Received: 07/08/2005 17:00

Site: 4276 Mac Arthur, Oakland

Prep(s):	5030B	Test(s):	8260B
Sample ID:	**MW-1**	Lab ID:	2005-07-0195 - 7
Sampled:	07/08/2005 11:21	Extracted:	7/15/2005 01:29
Matrix:	Water	QC Batch#:	2005/07/14-1A.06

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Dichlorodifluoromethane	ND	1.0	ug/L	1.00	07/15/2005 01:29	
Vinyl chloride	ND	0.50	ug/L	1.00	07/15/2005 01:29	
Chloroethane	1.0	1.0	ug/L	1.00	07/15/2005 01:29	
Trichlorofluoromethane	ND	1.0	ug/L	1.00	07/15/2005 01:29	
1,1-Dichloroethene	ND	0.50	ug/L	1.00	07/15/2005 01:29	
Methylene chloride	ND	5.0	ug/L	1.00	07/15/2005 01:29	
trans-1,2-Dichloroethene	ND	0.50	ug/L	1.00	07/15/2005 01:29	
cis-1,2-Dichloroethene	3.1	0.50	ug/L	1.00	07/15/2005 01:29	
1,1-Dichloroethane	1.3	0.50	ug/L	1.00	07/15/2005 01:29	
Chloroform	ND	0.50	ug/L	1.00	07/15/2005 01:29	
1,1,1-Trichloroethane	ND	0.50	ug/L	1.00	07/15/2005 01:29	
Carbon tetrachloride	ND	0.50	ug/L	1.00	07/15/2005 01:29	
1,2-Dichloroethane	3.8	0.50	ug/L	1.00	07/15/2005 01:29	
Trichloroethene	0.73	0.50	ug/L	1.00	07/15/2005 01:29	
1,2-Dichloropropane	ND	0.50	ug/L	1.00	07/15/2005 01:29	
Bromodichloromethane	ND	0.50	ug/L	1.00	07/15/2005 01:29	
trans-1,3-Dichloropropene	ND	0.50	ug/L	1.00	07/15/2005 01:29	
cis-1,3-Dichloropropene	ND	0.50	ug/L	1.00	07/15/2005 01:29	
1,1,2-Trichloroethane	ND	0.50	ug/L	1.00	07/15/2005 01:29	
Tetrachloroethene	ND	0.50	ug/L	1.00	07/15/2005 01:29	
Dibromochloromethane	ND	0.50	ug/L	1.00	07/15/2005 01:29	
Chlorobenzene	12	0.50	ug/L	1.00	07/15/2005 01:29	
Bromoform	ND	2.0	ug/L	1.00	07/15/2005 01:29	
1,1,2,2-Tetrachloroethane	ND	0.50	ug/L	1.00	07/15/2005 01:29	
1,3-Dichlorobenzene	ND	0.50	ug/L	1.00	07/15/2005 01:29	
1,4-Dichlorobenzene	1.2	0.50	ug/L	1.00	07/15/2005 01:29	
1,2-Dichlorobenzene	9.0	0.50	ug/L	1.00	07/15/2005 01:29	
Trichlorotrifluoroethane	ND	0.50	ug/L	1.00	07/15/2005 01:29	
Chloromethane	ND	1.0	ug/L	1.00	07/15/2005 01:29	

Halogenated Volatile Organic Compounds by 8021B/8260B

TRC Alton Geoscience- Irvine
Attn.: Anju Farfan

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

Project: 41050001FA20
Conoco Phillips # 1156

Received: 07/08/2005 17:00

Site: 4276 Mac Arthur, Oakland

Prep(s):	5030B	Test(s):	8260B
Sample ID:	**MW-1**	Lab ID:	2005-07-0195 - 7
Sampled:	07/08/2005 11:21	Extracted:	7/15/2005 01:29
Matrix:	Water	QC Batch#:	2005/07/14-1A.06

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Bromomethane	ND	1.0	ug/L	1.00	07/15/2005 01:29	
Surrogate(s)						
4-Bromofluorobenzene	94.7	79-118	%	1.00	07/15/2005 01:29	
1,2-Dichloroethane-d4	86.7	78-117	%	1.00	07/15/2005 01:29	
Toluene-d8	92.1	77-121	%	1.00	07/15/2005 01:29	

Halogenated Volatile Organic Compounds by 8021B/8260B

TRC Alton Geoscience- Irvine

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Phone: (949) 341-7440 Fax: (949) 753-0111

Project: 41050001FA20
Conoco Phillips # 1156

Received: 07/08/2005 17:00

Site: 4276 Mac Arthur, Oakland

Batch QC Report

Prep(s): 5030B — Test(s): 8260B

Method Blank — **Water** — **QC Batch # 2005/07/14-1A.06**

MB: 2005/07/14-1A.06-003 — Date Extracted: 07/14/2005 15:42

Compound	Conc.	RL	Unit	Analyzed	Flag
Bromodichloromethane	ND	0.5	ug/L	07/14/2005 15:42	
Bromoform	ND	2.0	ug/L	07/14/2005 15:42	
Bromomethane	ND	1.0	ug/L	07/14/2005 15:42	
Carbon tetrachloride	ND	0.5	ug/L	07/14/2005 15:42	
Chlorobenzene	ND	0.5	ug/L	07/14/2005 15:42	
Chloroethane	ND	1.0	ug/L	07/14/2005 15:42	
Chloroform	ND	0.5	ug/L	07/14/2005 15:42	
Chloromethane	ND	1.0	ug/L	07/14/2005 15:42	
Dibromochloromethane	ND	0.5	ug/L	07/14/2005 15:42	
1,2-Dichlorobenzene	ND	0.5	ug/L	07/14/2005 15:42	
1,3-Dichlorobenzene	ND	0.5	ug/L	07/14/2005 15:42	
1,4-Dichlorobenzene	ND	0.5	ug/L	07/14/2005 15:42	
Dichlorodifluoromethane	ND	1.0	ug/L	07/14/2005 15:42	
1,1-Dichloroethane	ND	0.5	ug/L	07/14/2005 15:42	
1,2-Dichloroethane	ND	0.5	ug/L	07/14/2005 15:42	
1,1-Dichloroethene	ND	0.5	ug/L	07/14/2005 15:42	
cis-1,2-Dichloroethene	ND	0.5	ug/L	07/14/2005 15:42	
trans-1,2-Dichloroethene	ND	0.5	ug/L	07/14/2005 15:42	
1,2-Dichloropropane	ND	0.5	ug/L	07/14/2005 15:42	
cis-1,3-Dichloropropene	ND	0.5	ug/L	07/14/2005 15:42	
trans-1,3-Dichloropropene	ND	0.5	ug/L	07/14/2005 15:42	
Methylene chloride	ND	5.0	ug/L	07/14/2005 15:42	
1,1,2,2-Tetrachloroethane	ND	0.5	ug/L	07/14/2005 15:42	
Tetrachloroethene	ND	0.5	ug/L	07/14/2005 15:42	
1,1,1-Trichloroethane	ND	0.5	ug/L	07/14/2005 15:42	
1,1,2-Trichloroethane	ND	0.5	ug/L	07/14/2005 15:42	
Trichloroethene	ND	0.5	ug/L	07/14/2005 15:42	
Trichlorofluoromethane	ND	1.0	ug/L	07/14/2005 15:42	
Trichlorotrifluoroethane	ND	0.5	ug/L	07/14/2005 15:42	

Halogenated Volatile Organic Compounds by 8021B/8260B

TRC Alton Geoscience- Irvine

Attn.: Anju Farfan

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

Project: 41050001FA20
Conoco Phillips # 1156

Received: 07/08/2005 17:00

Site: 4276 Mac Arthur, Oakland

Batch QC Report

Prep(s): 5030B — Test(s): 8260B

Method Blank — **Water** — **QC Batch # 2005/07/14-1A.06**

MB: 2005/07/14-1A.06-003 — Date Extracted: 07/14/2005 15:42

Compound	Conc.	RL	Unit	Analyzed	Flag
Vinyl chloride	ND	0.5	ug/L	07/14/2005 15:42	
4-Bromofluorobenzene	93.6	79-118	%	07/14/2005 15:42	
1,2-Dichloroethane-d4	90.6	78-117	%	07/14/2005 15:42	
Toluene-d8	96.0	77-121	%	07/14/2005 15:42	

Halogenated Volatile Organic Compounds by 8021B/8260B

TRC Alton Geoscience- Irvine
Attn.: Anju Farfan

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Project: 41050001FA20
Conoco Phillips # 1156

Received: 07/08/2005 17:00

Site: 4276 Mac Arthur, Oakland

Batch QC Report

Prep(s): 5030B — Test(s): 8260B

Laboratory Control Spike — **Water** — **QC Batch # 2005/07/14-1A.06**

LCS 2005/07/14-1A.06-002 — Extracted: 07/14/2005 — Analyzed: 07/14/2005 15:06
LCSD

Compound	Conc. ug/L		Exp.Conc.	Recovery %		RPD	Ctrl.Limits %		Flags	
	LCS	LCSD		LCS	LCSD	%	Rec.	RPD	LCS	LCSD
Chlorobenzene	16.5		20	82.5			61-121	20		
1,1-Dichloroethene	16.5		20	82.5			65-125	20		
Trichloroethene	15.6		20	78.0			74-134	20		
Surrogates(s)										
4-Bromofluorobenzene	467		500	93.4			79-118			
1,2-Dichloroethane-d4	456		500	91.2			78-117			
Toluene-d8	477		500	95.4			77-121			

SEVERN TRENT STL

Submission: 2005-07-0195

Halogenated Volatile Organic Compounds by 8021B/8260B

TRC Alton Geoscience- Irvine
Attn.: Anju Farfan

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

Project: 41050001FA20
Conoco Phillips # 1156

Received: 07/08/2005 17:00

Site: 4276 Mac Arthur, Oakland

Batch QC Report

Prep(s): 5030B — Test(s): 8260B

Matrix Spike (MS / MSD) — **Water** — **QC Batch # 2005/07/14-1A.06**

MS/MSD — Lab ID: 2005-07-0081 - 001

MS 2005/07/14-1A.06-016 — Extracted: 07/14/2005 — Analyzed: 07/14/2005 23:42 — Dilution: 10.00

MSD 2005/07/14-1A.06-017 — Extracted: 07/15/2005 — Analyzed: 07/15/2005 00:18 — Dilution: 10.00

Compound	Conc. ug/L			Spk.Level	Recovery %			Limits %		Flags	
	MS	MSD	Sample	ug/L	MS	MSD	RPD	Rec.	RPD	MS	MSD
Chlorobenzene	212	208	54.7	200	78.7	76.7	2.6	61-121	20		
1,1-Dichloroethene	184	183	0.726	200	91.6	91.1	0.5	65-125	20		
Trichloroethene	163	162	ND	200	81.5	81.0	0.6	74-134	20		
Surrogate(s)											
4-Bromofluorobenzene	508	511		500	101.6	102.2		79-118			
1,2-Dichloroethane-d4	473	472		500	94.6	94.4		78-117			
Toluene-d8	493	500		500	98.6	100.0		77-121			

SEVERN TRENT STL

Submission: 2005-07-0195

Semi-volatile Organic Compounds by 8270C

TRC Alton Geoscience- Irvine
Attn.: Anju Farfan

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

Project: 41050001FA20
Conoco Phillips # 1156

Received: 07/08/2005 17:00

Site: 4276 Mac Arthur, Oakland

Samples Reported

Sample Name	Date Sampled	Matrix	Lab #
MW-1	07/08/2005 11:21	Water	7

Semi-volatile Organic Compounds by 8270C

TRC Alton Geoscience- Irvine

Attn.: Anju Farfan

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

Project: 41050001FA20
Conoco Phillips # 1156

Received: 07/08/2005 17:00

Site: 4276 Mac Arthur, Oakland

Prep(s):	3510C/8270C	Test(s):	8270C
Sample ID:	**MW-1**	Lab ID:	2005-07-0195 - 7
Sampled:	07/08/2005 11:21	Extracted:	7/11/2005 00:00
Matrix:	Water	QC Batch#:	2005/07/11-01.11

Analysis Flag: S2 (See Legend and Note Section)

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Phenol	ND	20	ug/L	10.00	07/19/2005 15:30	
Bis(2-chloroethyl)ether	ND	20	ug/L	10.00	07/19/2005 15:30	
2-Chlorophenol	ND	20	ug/L	10.00	07/19/2005 15:30	
1,3-Dichlorobenzene	ND	20	ug/L	10.00	07/19/2005 15:30	
1,4-Dichlorobenzene	ND	20	ug/L	10.00	07/19/2005 15:30	
Benzyl alcohol	ND	50	ug/L	10.00	07/19/2005 15:30	
1,2-Dichlorobenzene	ND	20	ug/L	10.00	07/19/2005 15:30	
2-Methylphenol	ND	20	ug/L	10.00	07/19/2005 15:30	
Bis(2-chloroisopropyl) ether	ND	20	ug/L	10.00	07/19/2005 15:30	
4-Methylphenol	ND	20	ug/L	10.00	07/19/2005 15:30	
N-Nitroso-di-n-propylamine	ND	20	ug/L	10.00	07/19/2005 15:30	
Hexachloroethane	ND	20	ug/L	10.00	07/19/2005 15:30	
Nitrobenzene	ND	20	ug/L	10.00	07/19/2005 15:30	
Isophorone	ND	20	ug/L	10.00	07/19/2005 15:30	
2-Nitrophenol	ND	20	ug/L	10.00	07/19/2005 15:30	
2,4-Dimethylphenol	ND	20	ug/L	10.00	07/19/2005 15:30	
Bis(2-chloroethoxy) methane	ND	50	ug/L	10.00	07/19/2005 15:30	
2,4-Dichlorophenol	ND	20	ug/L	10.00	07/19/2005 15:30	
1,2,4-Trichlorobenzene	ND	20	ug/L	10.00	07/19/2005 15:30	
Naphthalene	250	20	ug/L	10.00	07/19/2005 15:30	
4-Chloroaniline	ND	20	ug/L	10.00	07/19/2005 15:30	
Hexachlorobutadiene	ND	20	ug/L	10.00	07/19/2005 15:30	
4-Chloro-3-methylphenol	ND	50	ug/L	10.00	07/19/2005 15:30	
2-Methylnaphthalene	69	20	ug/L	10.00	07/19/2005 15:30	
Hexachlorocyclopentadiene	ND	50	ug/L	10.00	07/19/2005 15:30	
2,4,6-Trichlorophenol	ND	20	ug/L	10.00	07/19/2005 15:30	
2,4,5-Trichlorophenol	ND	20	ug/L	10.00	07/19/2005 15:30	

Semi-volatile Organic Compounds by 8270C

TRC Alton Geoscience- Irvine
Attn.: Anju Farfan

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

Project: 41050001FA20
Conoco Phillips # 1156

Received: 07/08/2005 17:00

Site: 4276 Mac Arthur, Oakland

Prep(s):	3510C/8270C	Test(s):	8270C
Sample ID:	**MW-1**	Lab ID:	2005-07-0195 - 7
Sampled:	07/08/2005 11:21	Extracted:	7/11/2005 00:00
Matrix:	Water	QC Batch#:	2005/07/11-01.11

Analysis Flag: S2 (See Legend and Note Section)

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
2-Chloronaphthalene	ND	20	ug/L	10.00	07/19/2005 15:30	
2-Nitroaniline	ND	100	ug/L	10.00	07/19/2005 15:30	
Dimethyl phthalate	ND	50	ug/L	10.00	07/19/2005 15:30	
Acenaphthylene	ND	20	ug/L	10.00	07/19/2005 15:30	
3-Nitroaniline	ND	20	ug/L	10.00	07/19/2005 15:30	
Acenaphthene	ND	20	ug/L	10.00	07/19/2005 15:30	
2,4-Dinitrophenol	ND	100	ug/L	10.00	07/19/2005 15:30	
4-Nitrophenol	ND	100	ug/L	10.00	07/19/2005 15:30	
Dibenzofuran	ND	20	ug/L	10.00	07/19/2005 15:30	
2,4-Dinitrotoluene	ND	20	ug/L	10.00	07/19/2005 15:30	
2,6-Dinitrotoluene	ND	50	ug/L	10.00	07/19/2005 15:30	
Diethyl phthalate	ND	50	ug/L	10.00	07/19/2005 15:30	
4-Chlorophenyl phenyl ether	ND	50	ug/L	10.00	07/19/2005 15:30	
Fluorene	ND	20	ug/L	10.00	07/19/2005 15:30	
4-Nitroaniline	ND	100	ug/L	10.00	07/19/2005 15:30	
2-Methyl-4,6-dinitrophenol	ND	100	ug/L	10.00	07/19/2005 15:30	
N-Nitrosodiphenylamine	ND	20	ug/L	10.00	07/19/2005 15:30	
4-Bromophenyl phenyl ether	ND	50	ug/L	10.00	07/19/2005 15:30	
Hexachlorobenzene	ND	20	ug/L	10.00	07/19/2005 15:30	
Pentachlorophenol	ND	100	ug/L	10.00	07/19/2005 15:30	
Phenanthrene	ND	20	ug/L	10.00	07/19/2005 15:30	
Anthracene	ND	20	ug/L	10.00	07/19/2005 15:30	
Di-n-butyl phthalate	ND	50	ug/L	10.00	07/19/2005 15:30	
Fluoranthene	ND	20	ug/L	10.00	07/19/2005 15:30	
Pyrene	ND	20	ug/L	10.00	07/19/2005 15:30	
Butyl benzyl phthalate	ND	50	ug/L	10.00	07/19/2005 15:30	
3,3-Dichlorobenzidine	ND	50	ug/L	10.00	07/19/2005 15:30	

Semi-volatile Organic Compounds by 8270C

TRC Alton Geoscience- Irvine

Attn.: Anju Farfan

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

Project: 41050001FA20
Conoco Phillips # 1156

Received: 07/08/2005 17:00

Site: 4276 Mac Arthur, Oakland

Prep(s):	3510C/8270C	Test(s):	8270C
Sample ID:	**MW-1**	Lab ID:	2005-07-0195 - 7
Sampled:	07/08/2005 11:21	Extracted:	7/11/2005 00:00
Matrix:	Water	QC Batch#:	2005/07/11-01.11

Analysis Flag: S2 (See Legend and Note Section)

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Benzo(a)anthracene	ND	20	ug/L	10.00	07/19/2005 15:30	
bis(2-Ethylhexyl) phthalate	ND	100	ug/L	10.00	07/19/2005 15:30	
Chrysene	ND	20	ug/L	10.00	07/19/2005 15:30	
Di-n-octyl phthalate	ND	50	ug/L	10.00	07/19/2005 15:30	
Benzo(b)fluoranthene	ND	20	ug/L	10.00	07/19/2005 15:30	
Benzo(k)fluoranthene	ND	20	ug/L	10.00	07/19/2005 15:30	
Benzo(a)pyrene	ND	20	ug/L	10.00	07/19/2005 15:30	
Indeno(1,2,3-c,d)pyrene	ND	20	ug/L	10.00	07/19/2005 15:30	
Dibenzo(a,h)anthracene	ND	20	ug/L	10.00	07/19/2005 15:30	
Benzo(g,h,i)perylene	ND	20	ug/L	10.00	07/19/2005 15:30	
Benzoic acid	ND	100	ug/L	10.00	07/19/2005 15:30	
Surrogate(s)						
Nitrobenzene-d5	NA	35-114	%	10.00	07/19/2005 15:30	
2-Fluorobiphenyl	NA	43-116	%	10.00	07/19/2005 15:30	
p-Terphenyl-d14	NA	33-141	%	10.00	07/19/2005 15:30	
2-Fluorophenol	NA	25-100	%	10.00	07/19/2005 15:30	
Phenol-d5	NA	10-110	%	10.00	07/19/2005 15:30	
2,4,6-Tribromophenol	NA	10-123	%	10.00	07/19/2005 15:30	

Semi-volatile Organic Compounds by 8270C

TRC Alton Geoscience- Irvine
Attn.: Anju Farfan

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

Project: 41050001FA20
Conoco Phillips # 1156

Received: 07/08/2005 17:00

Site: 4276 Mac Arthur, Oakland

Batch QC Report

Prep(s): 3510C/8270C — Test(s): 8270C
Method Blank — **Water** — **QC Batch # 2005/07/11-01.11**
MB: 2005/07/11-01 11-004 — Date Extracted: 07/11/2005 12:33

Compound	Conc.	RL	Unit	Analyzed	Flag
Phenol	ND	2.0	ug/L	07/19/2005 15:58	
Bis(2-chloroethyl)ether	ND	2.0	ug/L	07/19/2005 15:58	
2-Chlorophenol	ND	2.0	ug/L	07/19/2005 15:58	
1,3-Dichlorobenzene	ND	2.0	ug/L	07/19/2005 15:58	
1,4-Dichlorobenzene	ND	2.0	ug/L	07/19/2005 15:58	
Benzyl alcohol	ND	5.0	ug/L	07/19/2005 15:58	
1,2-Dichlorobenzene	ND	2.0	ug/L	07/19/2005 15:58	
2-Methylphenol	ND	2.0	ug/L	07/19/2005 15:58	
Bis(2-chloroisopropyl) ether	ND	2.0	ug/L	07/19/2005 15:58	
4-Methylphenol	ND	2.0	ug/L	07/19/2005 15:58	
N-Nitroso-di-n-propylamine	ND	2.0	ug/L	07/19/2005 15:58	
Hexachloroethane	ND	2.0	ug/L	07/19/2005 15:58	
Nitrobenzene	ND	2.0	ug/L	07/19/2005 15:58	
Isophorone	ND	2.0	ug/L	07/19/2005 15:58	
2-Nitrophenol	ND	2.0	ug/L	07/19/2005 15:58	
2,4-Dimethylphenol	ND	2.0	ug/L	07/19/2005 15:58	
Bis(2-chloroethoxy) methane	ND	5.0	ug/L	07/19/2005 15:58	
2,4-Dichlorophenol	ND	2.0	ug/L	07/19/2005 15:58	
1,2,4-Trichlorobenzene	ND	2.0	ug/L	07/19/2005 15:58	
Naphthalene	ND	2.0	ug/L	07/19/2005 15:58	
4-Chloroaniline	ND	2.0	ug/L	07/19/2005 15:58	
Hexachlorobutadiene	ND	2.0	ug/L	07/19/2005 15:58	
4-Chloro-3-methylphenol	ND	5.0	ug/L	07/19/2005 15:58	
2-Methylnaphthalene	ND	2.0	ug/L	07/19/2005 15:58	
Hexachlorocyclopentadiene	ND	5.0	ug/L	07/19/2005 15:58	
2,4,6-Trichlorophenol	ND	2.0	ug/L	07/19/2005 15:58	
2,4,5-Trichlorophenol	ND	2.0	ug/L	07/19/2005 15:58	
2-Chloronaphthalene	ND	2.0	ug/L	07/19/2005 15:58	
2-Nitroaniline	ND	10	ug/L	07/19/2005 15:58	

Semi-volatile Organic Compounds by 8270C

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

Project: 41050001FA20
Conoco Phillips # 1156

Received: 07/08/2005 17:00

Site: 4276 Mac Arthur, Oakland

Batch QC Report

Prep(s): 3510C/8270C — Test(s): 8270C
Method Blank — **Water** — **QC Batch # 2005/07/11-01.11**
MB: 2005/07/11-01.11-004 — Date Extracted: 07/11/2005 12:33

Compound	Conc.	RL	Unit	Analyzed	Flag
Dimethyl phthalate	ND	5.0	ug/L	07/19/2005 15:58	
Acenaphthylene	ND	2.0	ug/L	07/19/2005 15:58	
3-Nitroaniline	ND	2.0	ug/L	07/19/2005 15:58	
Acenaphthene	ND	2.0	ug/L	07/19/2005 15:58	
2,4-Dinitrophenol	ND	10	ug/L	07/19/2005 15:58	
4-Nitrophenol	ND	10	ug/L	07/19/2005 15:58	
Dibenzofuran	ND	2.0	ug/L	07/19/2005 15:58	
2,4-Dinitrotoluene	ND	2.0	ug/L	07/19/2005 15:58	
2,6-Dinitrotoluene	ND	5.0	ug/L	07/19/2005 15:58	
Diethyl phthalate	ND	5.0	ug/L	07/19/2005 15:58	
4-Chlorophenyl phenyl ether	ND	5.0	ug/L	07/19/2005 15:58	
Fluorene	ND	2.0	ug/L	07/19/2005 15:58	
4-Nitroaniline	ND	10	ug/L	07/19/2005 15:58	
2-Methyl-4,6-dinitrophenol	ND	10	ug/L	07/19/2005 15:58	
N-Nitrosodiphenylamine	ND	2.0	ug/L	07/19/2005 15:58	
4-Bromophenyl phenyl ether	ND	5.0	ug/L	07/19/2005 15:58	
Hexachlorobenzene	ND	2.0	ug/L	07/19/2005 15:58	
Pentachlorophenol	ND	10	ug/L	07/19/2005 15:58	
Phenanthrene	ND	2.0	ug/L	07/19/2005 15:58	
Anthracene	ND	2.0	ug/L	07/19/2005 15:58	
Di-n-butyl phthalate	ND	5.0	ug/L	07/19/2005 15:58	
Fluoranthene	ND	2.0	ug/L	07/19/2005 15:58	
Pyrene	ND	2.0	ug/L	07/19/2005 15:58	
Butyl benzyl phthalate	ND	5.0	ug/L	07/19/2005 15:58	
3,3-Dichlorobenzidine	ND	5.0	ug/L	07/19/2005 15:58	
Benzo(a)anthracene	ND	2.0	ug/L	07/19/2005 15:58	
bis(2-Ethylhexyl) phthalate	ND	10	ug/L	07/19/2005 15:58	
Chrysene	ND	2.0	ug/L	07/19/2005 15:58	
Di-n-octyl phthalate	ND	5.0	ug/L	07/19/2005 15:58	

Semi-volatile Organic Compounds by 8270C

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Attn.: Anju Farfan

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

Project: 41050001FA20
Conoco Phillips # 1156

Received: 07/08/2005 17:00

Site: 4276 Mac Arthur, Oakland

Batch QC Report

Prep(s): 3510C/8270C — Test(s): 8270C
Method Blank — **Water** — **QC Batch # 2005/07/11-01.11**
MB: 2005/07/11-01.11-004 — Date Extracted: 07/11/2005 12:33

Compound	Conc.	RL	Unit	Analyzed	Flag
Benzo(b)fluoranthene	ND	2.0	ug/L	07/19/2005 15:58	
Benzo(k)fluoranthene	ND	2.0	ug/L	07/19/2005 15:58	
Benzo(a)pyrene	ND	2.0	ug/L	07/19/2005 15:58	
Indeno(1,2,3-c,d)pyrene	ND	2.0	ug/L	07/19/2005 15:58	
Dibenzo(a,h)anthracene	ND	2.0	ug/L	07/19/2005 15:58	
Benzo(g,h,i)perylene	ND	2.0	ug/L	07/19/2005 15:58	
Benzoic acid	ND	10	ug/L	07/19/2005 15:58	
Surrogates(s)					
Nitrobenzene-d5	65.2	35-114	%	07/19/2005 15:58	
2-Fluorobiphenyl	64.7	43-116	%	07/19/2005 15:58	
p-Terphenyl-d14	86.4	33-141	%	07/19/2005 15:58	
2-Fluorophenol	43.4	25-100	%	07/19/2005 15:58	
Phenol-d5	28.5	10-110	%	07/19/2005 15:58	
2,4,6-Tribromophenol	77.1	10-123	%	07/19/2005 15:58	

SEVERN TRENT STL

Submission: 2005-07-0195

Semi-volatile Organic Compounds by 8270C

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Conoco Phillips # 1156

Received: 07/08/2005 17:00

Site: 4276 Mac Arthur, Oakland

Batch QC Report

Prep(s): 3510C/8270C — Test(s): 8270C

Laboratory Control Spike — **Water** — **QC Batch # 2005/07/11-01.11**

LCS 2005/07/11-01.11-002 — Extracted: 07/11/2005 — Analyzed: 07/19/2005 16:27
LCSD 2005/07/11-01.11-003 — Extracted: 07/11/2005 — Analyzed: 07/19/2005 16:56

Compound	Conc. ug/L		Exp.Conc.	Recovery %		RPD	Ctrl.Limits %		Flags	
	LCS	LCSD		LCS	LCSD	%	Rec.	RPD	LCS	LCSD
Phenol	20.2	21.0	50	40.4	42.0	3.9	12-89	35		
2-Chlorophenol	35.4	37.2	50	70.8	74.4	5.0	23-134	25		
1,4-Dichlorobenzene	29.8	34.0	50	59.6	68.0	13.2	36-97	30		
N-Nitroso-di-n-propylamine	39.1	42.6	50	78.2	85.2	8.6	10-130	34		
1,2,4-Trichlorobenzene	39.6	36.7	50	79.2	73.4	7.6	44-142	35		
4-Chloro-3-methylphenol	44.6	40.6	50	89.2	81.2	9.4	22-147	31		
Acenaphthene	39.7	37.5	50	79.4	75.0	5.7	56-118	36		
4-Nitrophenol	24.4	24.5	50	48.8	49.0	0.4	1-132	35		
2,4-Dinitrotoluene	43.8	44.4	50	87.6	88.8	1.4	39-139	35		
Pentachlorophenol	42.2	42.5	50	84.4	85.0	0.7	45-125	35		
Pyrene	45.9	46.1	50	91.8	92.2	0.4	52-115	35		
Surrogates(s)										
Nitrobenzene-d5	20.1	19.1	25	80.4	76.3		35-114			
2-Fluorobiphenyl	19.7	18.4	25	78.6	73.6		43-116			
p-Terphenyl-d14	24.9	26.1	25	99.7	104.4		33-141			
2-Fluorophenol	23.6	24.9	50	47.3	49.9		25-100			
Phenol-d5	16.4	16.7	50	32.7	33.4		10-110			
2,4,6-Tribromophenol	42.6	42.0	50	85.2	84.0		10-123			

Semi-volatile Organic Compounds by 8270C

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Attn.: Anju Farfan

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

Project: 41050001FA20
Conoco Phillips # 1156

Received: 07/08/2005 17:00

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Legend and Notes

Analysis Flag

S2

Surrogate(s) diluted out.

SEVERN TRENT STL

Submission: 2005-07-0195

Gas/BTEX Compounds by 8015M/8021

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

Project: 41050001FA20
Conoco Phillips # 1156

Received: 07/08/2005 17:00

Site: 4276 Mac Arthur, Oakland

Samples Reported

Sample Name	Date Sampled	Matrix	Lab #
MW-6	07/08/2005 10:36	Water	1
MW-5	07/08/2005 10:26	Water	2
MW-2	07/08/2005 10:06	Water	3
MW-7	07/08/2005 10:49	Water	4
MW-4	07/08/2005 10:19	Water	5
MW-3	07/08/2005 11:02	Water	6
MW-1	07/08/2005 11:21	Water	7

SEVERN TRENT STL

Submission: 2005-07-0195

Gas/BTEX Compounds by 8015M/8021

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Attn.: Anju Farfan

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

Project: 41050001FA20
Conoco Phillips # 1156

Received: 07/08/2005 17:00

Site: 4276 Mac Arthur, Oakland

Prep(s):	5030 5030	Test(s):	8015M 8021B
Sample ID:	**MW-6**	Lab ID:	2005-07-0195 - 1
Sampled:	07/08/2005 10:36	Extracted:	7/22/2005 11:30
Matrix:	Water	QC Batch#:	2005/07/22-01.05

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
GRO (C6-C12)	ND	50	ug/L	1.00	07/22/2005 11:30	
Benzene	ND	0.50	ug/L	1.00	07/22/2005 11:30	
Toluene	ND	0.50	ug/L	1.00	07/22/2005 11:30	
Ethyl benzene	ND	0.50	ug/L	1.00	07/22/2005 11:30	
Xylene(s)	ND	0.50	ug/L	1.00	07/22/2005 11:30	
MTBE	ND	5.0	ug/L	1.00	07/22/2005 11:30	
Surrogate(s)						
Trifluorotoluene	110.4	58-124	%	1.00	07/22/2005 11:30	
4-Bromofluorobenzene-FID	87.1	50-150	%	1.00	07/22/2005 11:30	

Gas/BTEX Compounds by 8015M/8021

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Attn.: Anju Farfan

21 Technology Drive
Irvine, CA 92718
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Project: 41050001FA20
Conoco Phillips # 1156

Received: 07/08/2005 17:00

Site: 4276 Mac Arthur, Oakland

Prep(s):	5030 5030	Test(s):	8015M 8021B
Sample ID:	**MW-5**	Lab ID:	2005-07-0195 - 2
Sampled:	07/08/2005 10:26	Extracted:	7/22/2005 11:58
Matrix:	Water	QC Batch#:	2005/07/22-01.05

Analysis Flag: L2 (See Legend and Note Section)

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
GRO (C6-C12)	ND	500	ug/L	10.00	07/22/2005 11:58	
Benzene	ND	5.0	ug/L	10.00	07/22/2005 11:58	
Toluene	ND	5.0	ug/L	10.00	07/22/2005 11:58	
Ethyl benzene	ND	5.0	ug/L	10.00	07/22/2005 11:58	
Xylene(s)	ND	5.0	ug/L	10.00	07/22/2005 11:58	
MTBE	570	50	ug/L	10.00	07/22/2005 11:58	
Surrogate(s)						
Trifluorotoluene	121.2	58-124	%	10.00	07/22/2005 11:58	
4-Bromofluorobenzene-FID	95.6	50-150	%	10.00	07/22/2005 11:58	

Gas/BTEX Compounds by 8015M/8021

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Attn.: Anju Farfan

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

Project: 41050001FA20
Conoco Phillips # 1156

Received: 07/08/2005 17:00

Site: 4276 Mac Arthur, Oakland

Prep(s):	5030 5030	Test(s):	8015M 8021B
Sample ID:	**MW-2**	Lab ID:	2005-07-0195 - 3
Sampled:	07/08/2005 10:06	Extracted:	7/22/2005 12:25
Matrix:	Water	QC Batch#:	2005/07/22-01.05

Analysis Flag: L2 (See Legend and Note Section)

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
GRO (C6-C12)	ND	2000	ug/L	40.00	07/22/2005 12:25	
Benzene	ND	20	ug/L	40.00	07/22/2005 12:25	
Toluene	ND	20	ug/L	40.00	07/22/2005 12:25	
Ethyl benzene	ND	20	ug/L	40.00	07/22/2005 12:25	
Xylene(s)	ND	20	ug/L	40.00	07/22/2005 12:25	
MTBE	2900	200	ug/L	40.00	07/22/2005 12:25	
Surrogate(s)						
Trifluorotoluene	112.6	58-124	%	40.00	07/22/2005 12:25	
4-Bromofluorobenzene-FID	83.8	50-150	%	40.00	07/22/2005 12:25	

SEVERN TRENT STL

Submission: 2005-07-0195

Gas/BTEX Compounds by 8015M/8021

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Attn.: Anju Farfan

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

Project: 41050001FA20
Conoco Phillips # 1156

Received: 07/08/2005 17:00

Site: 4276 Mac Arthur, Oakland

Prep(s):	5030 5030	Test(s):	8015M 8021B
Sample ID:	**MW-7**	Lab ID:	2005-07-0195--4
Sampled:	07/08/2005 10:49	Extracted:	7/22/2005 12:53
Matrix:	Water	QC Batch#:	2005/07/22-01.05

Analysis Flag: L2 (See Legend and Note Section)

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
GRO (C6-C12)	ND	10000	ug/L	200.00	07/22/2005 12:53	
Benzene	ND	100	ug/L	200.00	07/22/2005 12:53	
Toluene	ND	100	ug/L	200.00	07/22/2005 12:53	
Ethyl benzene	ND	100	ug/L	200.00	07/22/2005 12:53	
Xylene(s)	ND	100	ug/L	200.00	07/22/2005 12:53	
MTBE	8600	1000	ug/L	200.00	07/22/2005 12:53	
Surrogate(s)						
Trifluorotoluene	116.9	58-124	%	200.00	07/22/2005 12:53	
4-Bromofluorobenzene-FID	92.4	50-150	%	200.00	07/22/2005 12:53	

Gas/BTEX Compounds by 8015M/8021

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

Project: 41050001FA20
Conoco Phillips # 1156

Received: 07/08/2005 17:00

Site: 4276 Mac Arthur, Oakland

Prep(s):	5030 5030	Test(s):	8015M 8021B
Sample ID:	**MW-4**	Lab ID:	2005-07-0195 - 5
Sampled:	07/08/2005 10:19	Extracted:	7/22/2005 13:21
Matrix:	Water	QC Batch#:	2005/07/22-01.05

Analysis Flag: L2 (See Legend and Note Section)

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
GRO (C6-C12)	980	250	ug/L	5.00	07/22/2005 13:21	
Benzene	170	2.5	ug/L	5.00	07/22/2005 13:21	
Toluene	24	2.5	ug/L	5.00	07/22/2005 13:21	
Ethyl benzene	44	2.5	ug/L	5.00	07/22/2005 13:21	
Xylene(s)	140	2.5	ug/L	5.00	07/22/2005 13:21	
MTBE	ND	25	ug/L	5.00	07/22/2005 13:21	
Surrogate(s)						
Trifluorotoluene	112.7	58-124	%	5.00	07/22/2005 13:21	
4-Bromofluorobenzene-FID	90.1	50-150	%	5.00	07/22/2005 13:21	

Gas/BTEX Compounds by 8015M/8021

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

Project: 41050001FA20
Conoco Phillips # 1156

Received: 07/08/2005 17:00

Site: 4276 Mac Arthur, Oakland

Prep(s):	5030 5030	Test(s):	8015M 8021B
Sample ID:	**MW-3**	Lab ID:	2005-07-0195 - 6
Sampled:	07/08/2005 11:02	Extracted:	7/22/2005 13:49
Matrix:	Water	QC Batch#:	2005/07/22-01.05

Analysis Flag: L2 (See Legend and Note Section)

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
GRO (C6-C12)	5000	2500	ug/L	50.00	07/22/2005 13:49	
Benzene	180	25	ug/L	50.00	07/22/2005 13:49	
Toluene	290	25	ug/L	50.00	07/22/2005 13:49	
Ethyl benzene	500	25	ug/L	50.00	07/22/2005 13:49	
Xylene(s)	800	25	ug/L	50.00	07/22/2005 13:49	
MTBE	ND	250	ug/L	50.00	07/22/2005 13:49	
Surrogate(s)						
Trifluorotoluene	115.4	58-124	%	50.00	07/22/2005 13:49	
4-Bromofluorobenzene-FID	85.8	50-150	%	50.00	07/22/2005 13:49	

Gas/BTEX Compounds by 8015M/8021

TRC Alton Geoscience- Irvine

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Project: 41050001FA20
Conoco Phillips # 1156

Received: 07/08/2005 17:00

Site: 4276 Mac Arthur, Oakland

Prep(s):	5030 5030	Test(s):	8015M 8021B
Sample ID:	**MW-1**	Lab ID:	2005-07-0195 - 7
Sampled:	07/08/2005 11:21	Extracted:	7/22/2005 14:17
Matrix:	Water	QC Batch#:	2005/07/22-01.05

Analysis Flag: L2 (See Legend and Note Section)

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
GRO (C6-C12)	69000	13000	ug/L	250.00	07/22/2005 14:17	
Benzene	7100	130	ug/L	250.00	07/22/2005 14:17	
Toluene	17000	130	ug/L	250.00	07/22/2005 14:17	
Ethyl benzene	2700	130	ug/L	250.00	07/22/2005 14:17	
Xylene(s)	14000	130	ug/L	250.00	07/22/2005 14:17	
MTBE	ND	1300	ug/L	250.00	07/22/2005 14:17	
Surrogate(s)						
Trifluorotoluene	110.7	58-124	%	250.00	07/22/2005 14:17	
4-Bromofluorobenzene-FID	86.0	50-150	%	250.00	07/22/2005 14:17	

SEVERN TRENT STL

Submission: 2005-07-0195

Gas/BTEX Compounds by 8015M/8021

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Project: 41050001FA20
Conoco Phillips # 1156

Received: 07/08/2005 17:00

Site: 4276 Mac Arthur, Oakland

Batch QC Report

Prep(s): 5030
5030
Method Blank
MB: 2005/07/22-01.05-003

Water

Test(s): 8015M
8021B
QC Batch # 2005/07/22-01.05
Date Extracted: 07/22/2005 09:56

Compound	Conc.	RL	Unit	Analyzed	Flag
GRO (C6-C12)	ND	50	ug/L	07/22/2005 09:56	
Benzene	ND	0.5	ug/L	07/22/2005 09:56	
Toluene	ND	0.5	ug/L	07/22/2005 09:56	
Ethyl benzene	ND	0.5	ug/L	07/22/2005 09:56	
Xylene(s)	ND	0.5	ug/L	07/22/2005 09:56	
MTBE	ND	5.0	ug/L	07/22/2005 09:56	
Surrogates(s)					
Trifluorotoluene	108.0	58-124	%	07/22/2005 09:56	
4-Bromofluorobenzene-FID	82.6	50-150	%	07/22/2005 09:56	

Gas/BTEX Compounds by 8015M/8021

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

Project: 41050001FA20
Conoco Phillips # 1156

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Site: 4276 Mac Arthur, Oakland

Batch QC Report

Prep(s): 5030 Test(s): 8021B

Laboratory Control Spike **Water** **QC Batch # 2005/07/22-01.05**

LCS 2005/07/22-01.05-004 Extracted: 07/22/2005 Analyzed: 07/22/2005 10:23
LCSD

Compound	Conc. ug/L		Exp.Conc.	Recovery %		RPD	Ctrl.Limits %		Flags	
	LCS	LCSD		LCS	LCSD	%	Rec.	RPD	LCS	LCSD
Benzene	48.0		50.0	96.0			77-123	20		
Toluene	48.4		50.0	96.8			78-122	20		
Ethyl benzene	49.0		50.0	98.0			70-130	20		
Xylene(s)	144		150	96.0			75-125	20		
Surrogates(s)										
Trifluorotoluene	538		500	107.6			58-124			

Gas/BTEX Compounds by 8015M/8021

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21 Technology Drive
Irvine, CA 92718
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Batch QC Report

Prep(s): 5030 Test(s): 8015M

Laboratory Control Spike **Water** **QC Batch # 2005/07/22-01.05**

LCS 2005/07/22-01.05-005 Extracted: 07/22/2005 Analyzed: 07/22/2005 10:51
LCSD

Compound	Conc. ug/L		Exp.Conc.	Recovery %		RPD	Ctrl.Limits %		Flags	
	LCS	LCSD		LCS	LCSD	%	Rec.	RPD	LCS	LCSD
GRO (C6-C12)	251		250	100.4			75-125	20		
Surrogates(s)										
4-Bromofluorobenzene-FID	425		500	85.0			50-150			

Gas/BTEX Compounds by 8015M/8021

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Batch QC Report

Prep(s): 5030 Test(s): 8021B

Matrix Spike (MS / MSD) **Water** **QC Batch # 2005/07/22-01.05**

MW-6 >> MS Lab ID: 2005-07-0195 - 001

MS: 2005/07/22-01.05-030 Extracted: 07/22/2005 Analyzed: 07/22/2005 22:56
Dilution: 1.00

MSD: 2005/07/22-01.05-031 Extracted: 07/22/2005 Analyzed: 07/22/2005 23:24
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	49.9	50.9	ND	50.0	99.8	101.8	2.0	65-135	20		
Toluene	49.5	50.0	ND	50.0	99.0	100.0	1.0	65-135	20		
Ethyl benzene	50.3	50.0	ND	50.0	100.6	100.0	0.6	65-135	20		
Xylene(s)	147	149	ND	150	98.0	99.3	1.3	65-135	20		
Surrogate(s)											
Trifluorotoluene	455	496		500	91.0	99.2		58-124			

Gas/BTEX Compounds by 8015M/8021

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Batch QC Report

Prep(s): 5030 Test(s): 8015M

Matrix Spike (MS / MSD) **Water** **QC Batch # 2005/07/22-01.05**

MS/MSD Lab ID: 2005-07-0294 - 014

MS: 2005/07/22-01.05-032 Extracted: 07/22/2005 Analyzed: 07/22/2005 23:52
Dilution: 1.00

MSD: 2005/07/22-01.05-033 Extracted: 07/23/2005 Analyzed: 07/23/2005 00:19
Dilution: 1.00

Compound	Conc. ug/L			Spk.Level	Recovery %			Limits %		Flags	
	MS	MSD	Sample	ug/L	MS	MSD	RPD	Rec.	RPD	MS	MSD
GRO (C6-C12)	212	209	ND	250	84.8	83.6	1.4	65-135	20		
Surrogate(s)											
4-Bromofluorobenzene-FID	425	399		500	85.0	79.8		50-150			

Gas/BTEX Compounds by 8015M/8021

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Legend and Notes

Analysis Flag

L2

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

SEVERN TRENT STL

Submission: 2005-07-0195

Gas/BTEX Fuel Oxygenates by 8260B

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Project: 41050001FA20
Conoco Phillips # 1156

Received: 07/08/2005 17:00

Site: 4276 Mac Arthur, Oakland

Samples Reported

Sample Name	Date Sampled	Matrix	Lab #
MW-6	07/08/2005 10:36	Water	1
MW-5	07/08/2005 10:26	Water	2
MW-2	07/08/2005 10:06	Water	3
MW-7	07/08/2005 10:49	Water	4
MW-4	07/08/2005 10:19	Water	5
MW-3	07/08/2005 11:02	Water	6
MW-1	07/08/2005 11:21	Water	7

Gas/BTEX Fuel Oxygenates by 8260B

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Project: 41050001FA20
Conoco Phillips # 1156

Received: 07/08/2005 17:00

Site: 4276 Mac Arthur, Oakland

Prep(s):	5030B	Test(s):	8260B
Sample ID:	**MW-6**	Lab ID:	2005-07-0195 - 1
Sampled:	07/08/2005 10:36	Extracted:	7/20/2005 16:58
Matrix:	Water	QC Batch#:	2005/07/20-1A.62
pH:	<2		

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
tert-Butyl alcohol (TBA)	ND	5.0	ug/L	1.00	07/20/2005 16:58	
Methyl tert-butyl ether (MTBE)	ND	0.50	ug/L	1.00	07/20/2005 16:58	
Di-isopropyl Ether (DIPE)	ND	0.50	ug/L	1.00	07/20/2005 16:58	
Ethyl tert-butyl ether (ETBE)	ND	0.50	ug/L	1.00	07/20/2005 16:58	
tert-Amyl methyl ether (TAME)	ND	0.50	ug/L	1.00	07/20/2005 16:58	
1,2-DCA	ND	0.50	ug/L	1.00	07/20/2005 16:58	
EDB	ND	0.50	ug/L	1.00	07/20/2005 16:58	
Ethanol	ND	50	ug/L	1.00	07/20/2005 16:58	
Surrogate(s)						
1,2-Dichloroethane-d4	95.8	73-130	%	1.00	07/20/2005 16:58	
Toluene-d8	88.7	81-114	%	1.00	07/20/2005 16:58	

Gas/BTEX Fuel Oxygenates by 8260B

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Project: 41050001FA20
Conoco Phillips # 1156

Received: 07/08/2005 17:00

Site: 4276 Mac Arthur, Oakland

Prep(s):	5030B	Test(s):	8260B
Sample ID:	**MW-5**	Lab ID:	2005-07-0195 - 2
Sampled:	07/08/2005 10:26	Extracted:	7/21/2005 23:44
Matrix:	Water	QC Batch#:	2005/07/21-2A.69

Analysis Flag: L2, pH: <2 (See Legend and Note Section)

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
tert-Butyl alcohol (TBA)	180	50	ug/L	10.00	07/21/2005 23:44	
Methyl tert-butyl ether (MTBE)	630	5.0	ug/L	10.00	07/21/2005 23:44	
Di-isopropyl Ether (DIPE)	ND	5.0	ug/L	10.00	07/21/2005 23:44	
Ethyl tert-butyl ether (ETBE)	ND	5.0	ug/L	10.00	07/21/2005 23:44	
tert-Amyl methyl ether (TAME)	ND	5.0	ug/L	10.00	07/21/2005 23:44	
1,2-DCA	ND	5.0	ug/L	10.00	07/21/2005 23:44	
EDB	ND	5.0	ug/L	10.00	07/21/2005 23:44	
Ethanol	ND	500	ug/L	10.00	07/21/2005 23:44	
Surrogate(s)						
1,2-Dichloroethane-d4	127.1	73-130	%	10.00	07/21/2005 23:44	
Toluene-d8	100.6	81-114	%	10.00	07/21/2005 23:44	

Gas/BTEX Fuel Oxygenates by 8260B

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Prep(s):	5030B	Test(s):	8260B
Sample ID:	**MW-2**	Lab ID:	2005-07-0195 - 3
Sampled:	07/08/2005 10:06	Extracted:	7/22/2005 03:45
Matrix:	Water	QC Batch#:	2005/07/21-2A.62

Analysis Flag: L2, pH: <2 (See Legend and Note Section)

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
tert-Butyl alcohol (TBA)	4300	250	ug/L	50.00	07/22/2005 03:45	
Methyl tert-butyl ether (MTBE)	3100	25	ug/L	50.00	07/22/2005 03:45	
Di-isopropyl Ether (DIPE)	ND	25	ug/L	50.00	07/22/2005 03:45	
Ethyl tert-butyl ether (ETBE)	ND	25	ug/L	50.00	07/22/2005 03:45	
tert-Amyl methyl ether (TAME)	ND	25	ug/L	50.00	07/22/2005 03:45	
1,2-DCA	ND	25	ug/L	50.00	07/22/2005 03:45	
EDB	ND	25	ug/L	50.00	07/22/2005 03:45	
Ethanol	ND	2500	ug/L	50.00	07/22/2005 03:45	
Surrogate(s)						
1,2-Dichloroethane-d4	107.8	73-130	%	50.00	07/22/2005 03:45	
Toluene-d8	96.2	81-114	%	50.00	07/22/2005 03:45	

Gas/BTEX Fuel Oxygenates by 8260B

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

Project: 41050001FA20
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Received: 07/08/2005 17:00

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Prep(s):	5030B	Test(s):	8260B
Sample ID:	**MW-7**	Lab ID:	2005-07-0195 - 4
Sampled:	07/08/2005 10:49	Extracted:	7/21/2005 23:26
Matrix:	Water	QC Batch#:	2005/07/21-2A.69

Analysis Flag: L2, pH: <2 (See Legend and Note Section)

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
tert-Butyl alcohol (TBA)	4300	500	ug/L	100.00	07/21/2005 23:26	
Methyl tert-butyl ether (MTBE)	11000	50	ug/L	100.00	07/21/2005 23:26	
Di-isopropyl Ether (DIPE)	ND	50	ug/L	100.00	07/21/2005 23:26	
Ethyl tert-butyl ether (ETBE)	ND	50	ug/L	100.00	07/21/2005 23:26	
tert-Amyl methyl ether (TAME)	ND	50	ug/L	100.00	07/21/2005 23:26	
1,2-DCA	ND	50	ug/L	100.00	07/21/2005 23:26	
EDB	ND	50	ug/L	100.00	07/21/2005 23:26	
Ethanol	ND	5000	ug/L	100.00	07/21/2005 23:26	
Surrogate(s)						
1,2-Dichloroethane-d4	129.6	73-130	%	100.00	07/21/2005 23:26	
Toluene-d8	100.8	81-114	%	100.00	07/21/2005 23:26	

Gas/BTEX Fuel Oxygenates by 8260B

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Phone: (949) 341-7440 Fax: (949) 753-0111

Project: 41050001FA20
Conoco Phillips # 1156

Received: 07/08/2005 17:00

Site: 4276 Mac Arthur, Oakland

Prep(s):	5030B	Test(s):	8260B
Sample ID:	**MW-4**	Lab ID:	2005-07-0195 - 5
Sampled:	07/08/2005 10:19	Extracted:	7/22/2005 15:19
Matrix:	Water	QC Batch#:	2005/07/22-1A.62
pH:	<2		

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
tert-Butyl alcohol (TBA)	29	5.0	ug/L	1.00	07/22/2005 15:19	
Methyl tert-butyl ether (MTBE)	64	0.50	ug/L	1.00	07/22/2005 15:19	
Di-isopropyl Ether (DIPE)	ND	0.50	ug/L	1.00	07/22/2005 15:19	
Ethyl tert-butyl ether (ETBE)	ND	0.50	ug/L	1.00	07/22/2005 15:19	
tert-Amyl methyl ether (TAME)	ND	0.50	ug/L	1.00	07/22/2005 15:19	
1,2-DCA	1.2	0.50	ug/L	1.00	07/22/2005 15:19	
EDB	ND	0.50	ug/L	1.00	07/22/2005 15:19	
Ethanol	ND	50	ug/L	1.00	07/22/2005 15:19	
Surrogate(s)						
1,2-Dichloroethane-d4	92.6	73-130	%	1.00	07/22/2005 15:19	
Toluene-d8	96.2	81-114	%	1.00	07/22/2005 15:19	

Gas/BTEX Fuel Oxygenates by 8260B

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21 Technology Drive
Irvine, CA 92718
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Project: 41050001FA20
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Received: 07/08/2005 17:00

Site: 4276 Mac Arthur, Oakland

Prep(s):	5030B	Test(s):	8260B
Sample ID:	**MW-3**	Lab ID:	2005-07-0195 - 6
Sampled:	07/08/2005 11:02	Extracted:	7/21/2005 04:18
Matrix:	Water	QC Batch#:	2005/07/20-2A.62
pH:	<2		

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
tert-Butyl alcohol (TBA)	64	25	ug/L	5.00	07/21/2005 04:18	
Methyl tert-butyl ether (MTBE)	150	2.5	ug/L	5.00	07/21/2005 04:18	
Di-isopropyl Ether (DIPE)	ND	2.5	ug/L	5.00	07/21/2005 04:18	
Ethyl tert-butyl ether (ETBE)	ND	2.5	ug/L	5.00	07/21/2005 04:18	
tert-Amyl methyl ether (TAME)	ND	2.5	ug/L	5.00	07/21/2005 04:18	
1,2-DCA	ND	2.5	ug/L	5.00	07/21/2005 04:18	
EDB	ND	2.5	ug/L	5.00	07/21/2005 04:18	
Ethanol	ND	250	ug/L	5.00	07/21/2005 04:18	
Surrogate(s)						
1,2-Dichloroethane-d4	94.5	73-130	%	5.00	07/21/2005 04:18	
Toluene-d8	95.9	81-114	%	5.00	07/21/2005 04:18	

Gas/BTEX Fuel Oxygenates by 8260B

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Prep(s):	5030B	Test(s):	8260B
Sample ID:	**MW-1**	Lab ID:	2005-07-0195 - 7
Sampled:	07/08/2005 11:21	Extracted:	7/22/2005 20:35
Matrix:	Water	QC Batch#:	2005/07/22-2A.62

Analysis Flag: L1, pH: <2 (See Legend and Note Section)

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
tert-Butyl alcohol (TBA)	ND	1300	ug/L	250.00	07/22/2005 20:35	
Methyl tert-butyl ether (MTBE)	290	130	ug/L	250.00	07/22/2005 20:35	
Di-isopropyl Ether (DIPE)	ND	130	ug/L	250.00	07/22/2005 20:35	
Ethyl tert-butyl ether (ETBE)	ND	130	ug/L	250.00	07/22/2005 20:35	
tert-Amyl methyl ether (TAME)	ND	130	ug/L	250.00	07/22/2005 20:35	
1,2-DCA	ND	130	ug/L	250.00	07/22/2005 20:35	
EDB	ND	130	ug/L	250.00	07/22/2005 20:35	
Ethanol	ND	13000	ug/L	250.00	07/22/2005 20:35	
Surrogate(s)						
1,2-Dichloroethane-d4	93.1	73-130	%	250.00	07/22/2005 20:35	
Toluene-d8	97.6	81-114	%	250.00	07/22/2005 20:35	

Gas/BTEX Fuel Oxygenates by 8260B

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Project: 41050001FA20
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Batch QC Report

Prep(s): 5030B — Test(s): 8260B

Method Blank — **Water** — **QC Batch # 2005/07/20-1A.62**

MB: 2005/07/20-1A.62-043 — Date Extracted: 07/20/2005 07:43

Compound	Conc.	RL	Unit	Analyzed	Flag
tert-Butyl alcohol (TBA)	ND	5.0	ug/L	07/20/2005 07:43	
Methyl tert-butyl ether (MTBE)	ND	0.5	ug/L	07/20/2005 07:43	
Di-isopropyl Ether (DIPE)	ND	0.5	ug/L	07/20/2005 07:43	
Ethyl tert-butyl ether (ETBE)	ND	0.5	ug/L	07/20/2005 07:43	
tert-Amyl methyl ether (TAME)	ND	0.5	ug/L	07/20/2005 07:43	
1,2-DCA	ND	0.5	ug/L	07/20/2005 07:43	
EDB	ND	0.5	ug/L	07/20/2005 07:43	
Ethanol	ND	50	ug/L	07/20/2005 07:43	
Surrogates(s)					
1,2-Dichloroethane-d4	102.2	73-130	%	07/20/2005 07:43	
Toluene-d8	97.4	81-114	%	07/20/2005 07:43	

Gas/BTEX Fuel Oxygenates by 8260B

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Project: 41050001FA20
Conoco Phillips # 1156

Received: 07/08/2005 17:00

Site: 4276 Mac Arthur, Oakland

Batch QC Report

Prep(s): 5030B — Test(s): 8260B

Method Blank — **Water** — **QC Batch # 2005/07/20-2A.62**

MB: 2005/07/20-2A.62-033 — Date Extracted: 07/20/2005 19:33

Compound	Conc.	RL	Unit	Analyzed	Flag
tert-Butyl alcohol (TBA)	ND	5.0	ug/L	07/20/2005 19:33	
Methyl tert-butyl ether (MTBE)	ND	0.5	ug/L	07/20/2005 19:33	
Di-isopropyl Ether (DIPE)	ND	0.5	ug/L	07/20/2005 19:33	
Ethyl tert-butyl ether (ETBE)	ND	0.5	ug/L	07/20/2005 19:33	
tert-Amyl methyl ether (TAME)	ND	0.5	ug/L	07/20/2005 19:33	
1,2-DCA	ND	0.5	ug/L	07/20/2005 19:33	
EDB	ND	0.5	ug/L	07/20/2005 19:33	
Ethanol	ND	50	ug/L	07/20/2005 19:33	
Surrogates(s)					
1,2-Dichloroethane-d4	93.0	73-130	%	07/20/2005 19:33	
Toluene-d8	98.8	81-114	%	07/20/2005 19:33	

Gas/BTEX Fuel Oxygenates by 8260B

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Project: 41050001FA20
Conoco Phillips # 1156

Received: 07/08/2005 17:00

Site: 4276 Mac Arthur, Oakland

Batch QC Report

Prep(s): 5030B — Water — Test(s): 8260B

Method Blank — **QC Batch # 2005/07/21-2A.62**

MB: 2005/07/21-2A.62-052 — Date Extracted: 07/21/2005 19:52

Compound	Conc.	RL	Unit	Analyzed	Flag
tert-Butyl alcohol (TBA)	ND	5.0	ug/L	07/21/2005 19:52	
Methyl tert-butyl ether (MTBE)	ND	0.5	ug/L	07/21/2005 19:52	
Di-isopropyl Ether (DIPE)	ND	0.5	ug/L	07/21/2005 19:52	
Ethyl tert-butyl ether (ETBE)	ND	0.5	ug/L	07/21/2005 19:52	
tert-Amyl methyl ether (TAME)	ND	0.5	ug/L	07/21/2005 19:52	
1,2-DCA	ND	0.5	ug/L	07/21/2005 19:52	
EDB	ND	0.5	ug/L	07/21/2005 19:52	
Ethanol	ND	50	ug/L	07/21/2005 19:52	
Surrogates(s)					
1,2-Dichloroethane-d4	92.0	73-130	%	07/21/2005 19:52	
Toluene-d8	94.0	81-114	%	07/21/2005 19:52	

Gas/BTEX Fuel Oxygenates by 8260B

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Project: 41050001FA20
Conoco Phillips # 1156

Received: 07/08/2005 17:00

Site: 4276 Mac Arthur, Oakland

Batch QC Report

Prep(s): 5030B — Test(s): 8260B
Method Blank — **Water** — **QC Batch # 2005/07/21-2A.69**
MB: 2005/07/21-2A.69-041 — Date Extracted: 07/21/2005 17:41

Compound	Conc.	RL	Unit	Analyzed	Flag
tert-Butyl alcohol (TBA)	ND	5.0	ug/L	07/21/2005 17:41	
Methyl tert-butyl ether (MTBE)	ND	0.5	ug/L	07/21/2005 17:41	
Di-isopropyl Ether (DIPE)	ND	0.5	ug/L	07/21/2005 17:41	
Ethyl tert-butyl ether (ETBE)	ND	0.5	ug/L	07/21/2005 17:41	
tert-Amyl methyl ether (TAME)	ND	0.5	ug/L	07/21/2005 17:41	
1,2-DCA	ND	0.5	ug/L	07/21/2005 17:41	
EDB	ND	0.5	ug/L	07/21/2005 17:41	
Ethanol	ND	50	ug/L	07/21/2005 17:41	
Surrogates(s)					
1,2-Dichloroethane-d4	109.6	73-130	%	07/21/2005 17:41	
Toluene-d8	100.2	81-114	%	07/21/2005 17:41	

Gas/BTEX Fuel Oxygenates by 8260B

TRC Alton Geoscience- Irvine
Attn.: Anju Farfan

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

Project: 41050001FA20
Conoco Phillips # 1156

Received: 07/08/2005 17:00

Site: 4276 Mac Arthur, Oakland

Batch QC Report

Prep(s): 5030B — Test(s): 8260B

Method Blank — **Water** — **QC Batch # 2005/07/22-1A.62**

MB: 2005/07/22-1A.62-059 — Date Extracted: 07/22/2005 07:59

Compound	Conc.	RL	Unit	Analyzed	Flag
tert-Butyl alcohol (TBA)	ND	5.0	ug/L	07/22/2005 07:59	
Methyl tert-butyl ether (MTBE)	ND	0.5	ug/L	07/22/2005 07:59	
Di-isopropyl Ether (DIPE)	ND	0.5	ug/L	07/22/2005 07:59	
Ethyl tert-butyl ether (ETBE)	ND	0.5	ug/L	07/22/2005 07:59	
tert-Amyl methyl ether (TAME)	ND	0.5	ug/L	07/22/2005 07:59	
1,2-DCA	ND	0.5	ug/L	07/22/2005 07:59	
EDB	ND	0.5	ug/L	07/22/2005 07:59	
Ethanol	ND	50	ug/L	07/22/2005 07:59	
Surrogates(s)					
1,2-Dichloroethane-d4	97.0	73-130	%	07/22/2005 07:59	
Toluene-d8	94.4	81-114	%	07/22/2005 07:59	

Gas/BTEX Fuel Oxygenates by 8260B

TRC Alton Geoscience- Irvine
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Project: 41050001FA20
Conoco Phillips # 1156

Received: 07/08/2005 17:00

Site: 4276 Mac Arthur, Oakland

Batch QC Report

Prep(s): 5030B — Test(s): 8260B
Method Blank — Water — **QC Batch # 2005/07/22-2A.62**
MB: 2005/07/22-2A.62-038 — Date Extracted: 07/22/2005 19:38

Compound	Conc.	RL	Unit	Analyzed	Flag
tert-Butyl alcohol (TBA)	ND	5.0	ug/L	07/22/2005 19:38	
Methyl tert-butyl ether (MTBE)	ND	0.5	ug/L	07/22/2005 19:38	
Di-isopropyl Ether (DIPE)	ND	0.5	ug/L	07/22/2005 19:38	
Ethyl tert-butyl ether (ETBE)	ND	0.5	ug/L	07/22/2005 19:38	
tert-Amyl methyl ether (TAME)	ND	0.5	ug/L	07/22/2005 19:38	
1,2-DCA	ND	0.5	ug/L	07/22/2005 19:38	
EDB	ND	0.5	ug/L	07/22/2005 19:38	
Ethanol	ND	50	ug/L	07/22/2005 19:38	
Surrogates(s)					
1,2-Dichloroethane-d4	94.8	73-130	%	07/22/2005 19:38	
Toluene-d8	96.6	81-114	%	07/22/2005 19:38	

Gas/BTEX Fuel Oxygenates by 8260B

TRC Alton Geoscience- Irvine
Attn.: Anju Farfan

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

Project: 41050001FA20
Conoco Phillips # 1156

Received: 07/08/2005 17:00

Site: 4276 Mac Arthur, Oakland

Batch QC Report

Prep(s): 5030B — Test(s): 8260B

Laboratory Control Spike — **Water** — **QC Batch # 2005/07/20-1A.62**

LCS 2005/07/20-1A.62-017 — Extracted: 07/20/2005 — Analyzed: 07/20/2005 07:17
LCSD

Compound	Conc. ug/L		Exp.Conc.	Recovery %		RPD	Ctrl.Limits %		Flags	
	LCS	LCSD		LCS	LCSD	%	Rec.	RPD	LCS	LCSD
Methyl tert-butyl ether (MTBE)	18.6		25	74.4			65-165	20		
Surrogates(s)										
1,2-Dichloroethane-d4	485		500	97.0			73-130			
Toluene-d8	479		500	95.8			81-114			

Gas/BTEX Fuel Oxygenates by 8260B

TRC Alton Geoscience- Irvine
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21 Technology Drive
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Phone: (949) 341-7440 Fax: (949) 753-0111

Project: 41050001FA20
Conoco Phillips # 1156

Received: 07/08/2005 17:00

Site: 4276 Mac Arthur, Oakland

Batch QC Report

Prep(s): 5030B

Test(s): 8260B

Laboratory Control Spike **Water** **QC Batch # 2005/07/20-2A.62**

LCS 2005/07/20-2A.62-007 Extracted: 07/20/2005 Analyzed: 07/20/2005 19:07

LCSD

Compound	Conc. ug/L		Exp.Conc.	Recovery %		RPD	Ctrl.Limits %		Flags	
	LCS	LCSD		LCS	LCSD	%	Rec.	RPD	LCS	LCSD
Methyl tert-butyl ether (MTBE)	23.4		25	93.6			65-165	20		
Surrogates(s)										
1,2-Dichloroethane-d4	413		500	82.6			73-130			
Toluene-d8	485		500	97.0			81-114			

Gas/BTEX Fuel Oxygenates by 8260B

TRC Alton Geoscience- Irvine
Attn.: Anju Farfan

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

Project: 41050001FA20
Conoco Phillips # 1156

Received: 07/08/2005 17:00

Site: 4276 Mac Arthur, Oakland

Batch QC Report

Prep(s): 5030B — Test(s): 8260B

Laboratory Control Spike — **Water** — **QC Batch # 2005/07/21-2A.62**

LCS 2005/07/21-2A.62-026 — Extracted: 07/21/2005 — Analyzed: 07/21/2005 19:26
LCSD

Compound	Conc. ug/L		Exp.Conc.	Recovery %		RPD	Ctrl.Limits %		Flags	
	LCS	LCSD		LCS	LCSD	%	Rec.	RPD	LCS	LCSD
Methyl tert-butyl ether (MTBE)	23.8		25	95.2			65-165	20		
Surrogates(s)										
1,2-Dichloroethane-d4	432		500	86.4			73-130			
Toluene-d8	471		500	94.2			81-114			

Gas/BTEX Fuel Oxygenates by 8260B

TRC Alton Geoscience- Irvine
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Irvine, CA 92718
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Project: 41050001FA20
Conoco Phillips # 1156

Received: 07/08/2005 17:00

Site: 4276 Mac Arthur, Oakland

Batch QC Report

Prep(s): 5030B

Test(s): 8260B

Laboratory Control Spike

Water

QC Batch # 2005/07/21-2A.69

LCS 2005/07/21-2A.69-023
LCSD

Extracted: 07/21/2005

Analyzed: 07/21/2005 17:23

Compound	Conc. ug/L		Exp.Conc.	Recovery %		RPD	Ctrl.Limits %		Flags	
	LCS	LCSD		LCS	LCSD	%	Rec.	RPD	LCS	LCSD
Methyl tert-butyl ether (MTBE)	23.9		25	95.6			65-165	20		
Surrogates(s)										
1,2-Dichloroethane-d4	521		500	104.2			73-130			
Toluene-d8	517		500	103.4			81-114			

Gas/BTEX Fuel Oxygenates by 8260B

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Project: 41050001FA20
Conoco Phillips # 1156

Received: 07/08/2005 17:00

Site: 4276 Mac Arthur, Oakland

Batch QC Report

Prep(s): 5030B — Test(s): 8260B

Laboratory Control Spike — **Water** — **QC Batch # 2005/07/22-1A.62**

LCS 2005/07/22-1A.62-033 — Extracted: 07/22/2005 — Analyzed: 07/22/2005 07:33
LCSD

Compound	Conc. ug/L		Exp.Conc.	Recovery %		RPD	Ctrl.Limits %		Flags	
	LCS	LCSD		LCS	LCSD	%	Rec.	RPD	LCS	LCSD
Methyl tert-butyl ether (MTBE)	23.7		25	94.8			65-165	20		
Surrogates(s)										
1,2-Dichloroethane-d4	456		500	91.2			73-130			
Toluene-d8	479		500	95.8			81-114			

Gas/BTEX Fuel Oxygenates by 8260B

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Project: 41050001FA20
Conoco Phillips # 1156

Received: 07/08/2005 17:00

Site: 4276 Mac Arthur, Oakland

Batch QC Report

Prep(s): 5030B

Test(s): 8260B

Laboratory Control Spike

Water

QC Batch # 2005/07/22-2A.62

LCS 2005/07/22-2A.62-045
LCSD

Extracted: 07/22/2005

Analyzed: 07/22/2005 18:45

Compound	Conc. ug/L		Exp.Conc.	Recovery %		RPD	Ctrl.Limits %		Flags	
	LCS	LCSD		LCS	LCSD	%	Rec.	RPD	LCS	LCSD
Methyl tert-butyl ether (MTBE)	23.6		25	94.4			65-165	20		
Surrogates(s)										
1,2-Dichloroethane-d4	433		500	86.6			73-130			
Toluene-d8	479		500	95.8			81-114			

SEVERN TRENT STL

Submission: 2005-07-0195

Gas/BTEX Fuel Oxygenates by 8260B

TRC Alton Geoscience- Irvine
Attn.: Anju Farfan

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

Project: 41050001FA20
Conoco Phillips # 1156

Received: 07/08/2005 17:00

Site: 4276 Mac Arthur, Oakland

Batch QC Report

Prep(s): 5030B — Test(s): 8260B

Matrix Spike (MS / MSD) — **Water** — **QC Batch # 2005/07/20-1A.62**

MS/MSD — Lab ID: 2005-07-0360 - 010

MS: 2005/07/20-1A.62-037 — Extracted: 07/20/2005 — Analyzed: 07/20/2005 09:37 — Dilution: 1.00

MSD: 2005/07/20-1A.62-002 — Extracted: 07/20/2005 — Analyzed: 07/20/2005 10:02 — Dilution: 1.00

Compound	Conc. ug/L			Spk.Level	Recovery %			Limits %		Flags	
	MS	MSD	Sample	ug/L	MS	MSD	RPD	Rec.	RPD	MS	MSD
Methyl tert-butyl ether	58.2	59.3	30.7	25	110.0	114.4	3.9	65-165	20		
Surrogate(s)											
1,2-Dichloroethane-d4	475	494		500	95.1	98.8		73-130			
Toluene-d8	484	475		500	96.8	95.0		81-114			

Gas/BTEX Fuel Oxygenates by 8260B

TRC Alton Geoscience- Irvine
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Project: 41050001FA20
Conoco Phillips # 1156

Received: 07/08/2005 17:00

Site: 4276 Mac Arthur, Oakland

Batch QC Report

Prep(s): 5030B — Test(s): 8260B

Matrix Spike (MS / MSD) — **Water** — **QC Batch # 2005/07/20-2A.62**

MS/MSD — Lab ID: 2005-07-0260 - 001

MS: 2005/07/20-2A.62-022 — Extracted: 07/20/2005 — Analyzed: 07/20/2005 21:22 — Dilution: 1.00

MSD: 2005/07/20-2A.62-048 — Extracted: 07/20/2005 — Analyzed: 07/20/2005 21:48 — Dilution: 1.00

Compound	Conc. ug/L			Spk.Level	Recovery %			Limits %		Flags	
	MS	MSD	Sample	ug/L	MS	MSD	RPD	Rec.	RPD	MS	MSD
Methyl tert-butyl ether	19.9	18.4	0.521	25	77.5	71.5	8.1	65-165	20		
Surrogate(s)											
1,2-Dichloroethane-d4	455	446		500	91.0	89.2		73-130			
Toluene-d8	494	471		500	98.8	94.2		81-114			

SEVERN TRENT STL

Submission: 2005-07-0195

Gas/BTEX Fuel Oxygenates by 8260B

TRC Alton Geoscience- Irvine
Attn.: Anju Farfan

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

Project: 41050001FA20
Conoco Phillips # 1156

Received: 07/08/2005 17:00

Site: 4276 Mac Arthur, Oakland

Batch QC Report

Prep(s): 5030B — Test(s): 8260B

Matrix Spike (MS / MSD) — **Water** — **QC Batch # 2005/07/21-2A.62**

MS/MSD — Lab ID: 2005-07-0303 - 001

MS: 2005/07/21-2A.62-059 — Extracted: 07/21/2005 — Analyzed: 07/21/2005 22:59 — Dilution: 1.00

MSD: 2005/07/21-2A.62-025 — Extracted: 07/21/2005 — Analyzed: 07/21/2005 23:25 — Dilution: 1.00

Compound	Conc. ug/L			Spk.Level	Recovery %			Limits %		Flags	
	MS	MSD	Sample	ug/L	MS	MSD	RPD	Rec.	RPD	MS	MSD
Methyl tert-butyl ether	23.5	23.3	ND	25	94.0	93.2	0.9	65-165	20		
Surrogate(s)											
1,2-Dichloroethane-d4	495	465		500	99.0	93.0		73-130			
Toluene-d8	493	467		500	98.6	93.4		81-114			

Gas/BTEX Fuel Oxygenates by 8260B

TRC Alton Geoscience- Irvine
Attn.: Anju Farfan

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

Project: 41050001FA20
Conoco Phillips # 1156

Received: 07/08/2005 17:00

Site: 4276 Mac Arthur, Oakland

Batch QC Report

Prep(s): 5030B — Test(s): 8260B

Matrix Spike (MS / MSD) — **Water** — **QC Batch # 2005/07/21-2A.69**

MS/MSD — Lab ID: 2005-07-0326 - 019

MS: 2005/07/21-2A.69-055 — Extracted: 07/21/2005 — Analyzed: 07/21/2005 21:55 — Dilution: 1.00

MSD: 2005/07/21-2A.69-013 — Extracted: 07/21/2005 — Analyzed: 07/21/2005 22:13 — Dilution: 1.00

Compound	Conc. ug/L			Spk.Level	Recovery %			Limits %		Flags	
	MS	MSD	Sample	ug/L	MS	MSD	RPD	Rec.	RPD	MS	MSD
Methyl tert-butyl ether	26.7	24.2	ND	25	106.8	96.8	9.8	65-165	20		
Surrogate(s)											
1,2-Dichloroethane-d4	524	504		500	104.8	100.8		73-130			
Toluene-d8	514	501		500	102.8	100.2		81-114			

SEVERN TRENT STL

Submission: 2005-07-0195

Gas/BTEX Fuel Oxygenates by 8260B

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

Project: 41050001FA20
Conoco Phillips # 1156

Received: 07/08/2005 17:00

Site: 4276 Mac Arthur, Oakland

Batch QC Report

Prep(s): 5030B — Test(s): 8260B

Matrix Spike (MS / MSD) — **Water** — **QC Batch # 2005/07/22-1A.62**

MS/MSD — Lab ID: 2005-07-0368 - 002

MS: 2005/07/22-1A.62-028 — Extracted: 07/22/2005 — Analyzed: 07/22/2005 09:28 — Dilution: 1.00

MSD: 2005/07/22-1A.62-054 — Extracted: 07/22/2005 — Analyzed: 07/22/2005 09:54 — Dilution: 1.00

Compound	Conc. ug/L			Spk.Level	Recovery %			Limits %		Flags	
	MS	MSD	Sample	ug/L	MS	MSD	RPD	Rec.	RPD	MS	MSD
Methyl tert-butyl ether	24.5	26.2	ND	25	98.0	104.8	6.7	65-165	20		
Surrogate(s)											
1,2-Dichloroethane-d4	459	492		500	91.8	98.4		73-130			
Toluene-d8	499	487		500	99.8	97.4		81-114			

Gas/BTEX Fuel Oxygenates by 8260B

TRC Alton Geoscience- Irvine

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Conoco Phillips # 1156

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Batch QC Report

Prep(s): 5030B — Test(s): 8260B

Matrix Spike (MS / MSD) — **Water** — **QC Batch # 2005/07/22-2A.62**

MS/MSD — Lab ID: 2005-07-0349 - 004

MS: 2005/07/22-2A.62-027 — Extracted: 07/22/2005 — Analyzed: 07/22/2005 21:27 — Dilution: 1.00

MSD: 2005/07/22-2A.62-053 — Extracted: 07/22/2005 — Analyzed: 07/22/2005 21:53 — Dilution: 1.00

Compound	Conc. ug/L			Spk.Level	Recovery %			Limits %		Flags	
	MS	MSD	Sample	ug/L	MS	MSD	RPD	Rec.	RPD	MS	MSD
Methyl tert-butyl ether	26.1	22.7	ND	25	104.4	90.8	13.9	65-165	20		
Surrogate(s)											
1,2-Dichloroethane-d4	447	457		500	89.4	91.4		73-130			
Toluene-d8	486	485		500	97.3	97.0		81-114			

Gas/BTEX Fuel Oxygenates by 8260B

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Conoco Phillips # 1156

Received: 07/08/2005 17:00

Site: 4276 Mac Arthur, Oakland

Legend and Notes

Analysis Flag

L1

Reporting limits raised due to high level of non-target analyte materials.

L2

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

SEVERN TRENT STL

Submission: 2005-07-0195

Diesel

TRC Alton Geoscience- Irvine
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Project: 41050001FA20
Conoco Phillips # 1156

Received: 07/08/2005 17:00

Site: 4276 Mac Arthur, Oakland

Samples Reported

Sample Name	Date Sampled	Matrix	Lab #
MW-1	07/08/2005 11:21	Water	7

Diesel

TRC Alton Geoscience- Irvine
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Phone: (949) 341-7440 Fax: (949) 753-0111

Project: 41050001FA20
Conoco Phillips # 1156

Received: 07/08/2005 17:00

Site: 4276 Mac Arthur, Oakland

Prep(s):	3511	Test(s):	8015M
Sample ID:	**MW-1**	Lab ID:	2005-07-0195 - 7
Sampled:	07/08/2005 11:21	Extracted:	7/21/2005 15:23
Matrix:	Water	QC Batch#:	2005/07/21-08.10

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Diesel	6400	250	ug/L	5.00	07/25/2005 13:18	Q2
Surrogate(s)						
o-Terphenyl	NA	64-127	%	5.00	07/25/2005 13:18	S3

Diesel

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Project: 41050001FA20
Conoco Phillips # 1156

Received: 07/08/2005 17:00

Site: 4276 Mac Arthur, Oakland

Batch QC Report

Prep(s): 3511 — Test(s): 8015M

Method Blank — **Water** — **QC Batch # 2005/07/21-08.10**

MB: 2005/07/21-08.10-001 — Date Extracted: 07/21/2005 15:23

Compound	Conc.	RL	Unit	Analyzed	Flag
Diesel	ND	50	ug/L	07/22/2005 17:08	
Surrogates(s)					
o-Terphenyl	103.3	64-127	%	07/22/2005 17:08	

Diesel

TRC Alton Geoscience- Irvine
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Project: 41050001FA20
Conoco Phillips # 1156

Received: 07/08/2005 17:00

Site: 4276 Mac Arthur, Oakland

Batch QC Report

Prep(s): 3511 Test(s): 8015M

Laboratory Control Spike **Water** **QC Batch # 2005/07/21-08.10**

LCS 2005/07/21-08.10-002 Extracted: 07/21/2005 Analyzed: 07/22/2005 17:35
LCSD 2005/07/21-08.10-003 Extracted: 07/21/2005 Analyzed: 07/22/2005 18:03

Compound	Conc. ug/L		Exp.Conc.	Recovery %		RPD	Ctrl.Limits %		Flags	
	LCS	LCSD		LCS	LCSD	%	Rec.	RPD	LCS	LCSD
Diesel	484	476	680	71.2	70.0	1.7	60-150	25		
Surrogates(s)										
o-Terphenyl	1.23	1.27	1.25	98.0	101.7		64-127	0		

Diesel

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Conoco Phillips # 1156

Received: 07/08/2005 17:00

Site: 4276 Mac Arthur, Oakland

Legend and Notes

Result Flag

Q2

Quantit. of unknown hydrocarbon(s) in sample based on diesel.

S3

Surrogate recovery not reportable due to required dilution.

ConocoPhillips Chain Of Custody Record

115812

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

2005-07-0195

ConocoPhillips Work Order Number: 1112 TRC 501
ConocoPhillips Cost Object:

DATE: 07/08/05
PAGE: 1 of 1

SAMPLING COMPANY:	TRC
Valid Value ID:	
CONOCOPHILLIPS SITE NUMBER	1156
GLOBAL ID NO.:	T0600102279
ADDRESS:	21 Technology Drive, Irvine CA 92618
SITE ADDRESS (Street and City):	4276 MacArthur, 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
E-MAIL:	
LAB USE ONLY	
TELEPHONE:	949-341-7440
FAX:	949-753-0111
E-MAIL:	afarfan@trcsolutions.com
SAMPLER NAME(S) (Print):	[illegible signature]
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

Analysis columns: (A) 8015m - TPHd Extractable; (B) 8260B - TPHg/BTEX/MtBE; (C) 8260B - TPHg / BTEX / 8 Oxygenates; (D) 8260B - TPHg / BTEX / 8 oxygenates + methanol (8015M); (E) 8260B - Full Scan VOCs (does not include oxygenates); (F) 8270C - Semi-Volatiles; (G) 8015M / 8021B - TPHg/BTEX/MtBE; (H) Lead ☐Total ☐STLC ☐TCLP; (I) TPH-G by 8015m; (J) BTEX/MTBE by 8021; (K) 8 oxys by 8260B; (L) TPH-D by 8015m; (M) HVOC's (...) by-; (N) 8021B; (O) SVOCs by 8270

LAB USE ONLY	Sample Identification/Field Point Name*	DATE	TIME	MATRIX	NO. OF CONT.	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	FIELD NOTES: Container/Preservative or PID Readings or Laboratory Notes
	MW-6	07/08	1036	GW	9									X	X	X					9 VOAs w/HCl
	MW-5	↓	1026	↓	↓									↓	↓	↓					↓
	MW-2	↓	1006	↓	↓									↓	↓	↓					↓
	MW-7	↓	1049	↓	↓									↓	↓	↓					↓
	MW-4	↓	1019	↓	↓									↓	↓	↓					↓
	MW-3	↓	1102	↓	↓									↓	↓	↓					↓
	MW-1	↓	1121	↓	17									↓	↓	↓	X	X	X	X	12 VOAs w/HCl, Two 1L Amber unpreserved, 3 VOAs unpreserved

TEMPERATURE ON RECEIPT C°: 3

Relinquished by (Signature)	Received by (Signature)	Date	Time
Jason Foster	Refrigerator	07/08/05	13:00
[signature]	[signature]	7/8/05	17:00

5/19/03 Revision

STATEMENTS

Purge Water Disposal

Non-hazardous groundwater produced during purging and sampling of monitoring was accumulated at TRC's groundwater monitoring facility at Concord, California, for transportation by Onyx Transportation, Inc., to the ConocoPhi llips 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 containing a significant amount of liquid -phase hydrocarbons was accumulated separately in drums for transportation and disposal by Filter Recy cling, 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 i n 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.