RO220

Shell Oil Products US

June 28, 2004

Amir K. Gholami, REHS
Alameda County Health Care Services Agency
1131 Harbor Bay Parkway, Suite 250
Alameda, California 94502-6577

Subject: **Shell-branded Service Station**
285 Hegenberger Road
Oakland, California

Dear Mr. Gholami:

Attached for your review and comment is a copy of the *Second Quarter 2004 Monitoring Report* for the above referenced site. Upon information and belief, I declare, under penalty of perjury, that the information contained in the attached document is true and correct.

As always, please feel free to contact me directly at (559) 645-9306 with any questions or concerns.

Sincerely,

Shell Oil Products US

Karen Petryna

Karen Petryna
Sr. Environmental Engineer

20945 S. Wilmington Ave., Carson, CA 90810 Phone (559) 645-9306 Facsimile (559) 645-5643

CAMBRIA

June 28, 2004

Amir K. Gholami, REHS
Alameda County Health Care Services Agency
1131 Harbor Bay Parkway, Suite 250
Alameda, California 94502-6577

Re: **Second Quarter 2004 Monitoring Report**
Shell-branded Service Station
285 Hegenberger Road
Oakland, California
Incident #98995749
Cambria Project #246-0734-002

Dear Mr. Gholami:

On behalf of Equilon Enterprises LLC dba Shell Oil Products US, Cambria Environmental Technology, Inc. (Cambria) is submitting this groundwater monitoring report in accordance with the reporting requirements of 23 CCR 2652d.

SECOND QUARTER 2004 ACTIVITIES

Groundwater Monitoring: Blaine Tech Services, Inc. (Blaine) of San Jose, California gauged water levels, sampled selected wells, calculated groundwater elevations and compiled the gasoline constituents analytical data. Cambria prepared a vicinity map (Figure 1) and a groundwater elevation contour map (Figure 2). Blaine's report, presenting the laboratory report and supporting field documents, is included as Attachment A.

Diesel and Motor Oil Detections: This quarter, diesel (total extractable petroleum hydrocarbons [TEPH]) was detected in 9 out of 16 wells sampled at concentrations up to 3,700 parts per billion (ppb); however, the analytical laboratory report indicated that for these samples, the reported hydrocarbon was in the early diesel range and/or did not match the pattern of their diesel standard. Motor oil was detected above the reporting limit only in the sample from well VEW-5 at a concentration of 500 ppb. TEPH analysis for diesel and motor oil will be included in the analytes for groundwater at this site.

Cambria Environmental Technology, Inc.

5900 Hollis Street
Suite A
Emeryville, CA 94608
Tel (510) 420-0700
Fax (510) 420-9170

ANTICIPATED THIRD QUARTER 2004 ACTIVITIES

Groundwater Monitoring: The next sampling event is scheduled for the third quarter of 2004. At that time, Blaine will gauge water levels, sample selected site wells and tabulate the data. Cambria will prepare a monitoring report.

Air Sparge and Vapor Extraction Well Sampling: Cambria proposes that monitoring and sampling of the air sparge wells AS-1, AS-2, and AS-3 be discontinued starting in the third quarter of 2004. The wells were designed for use with the air sparge and soil vapor extraction (SVE) system and not for use as monitoring wells. Due to the 2.5-foot screen length, groundwater elevations measured in the air sparge wells are not comparable to groundwater elevation data from the other wells. The air sparge wells contain only low levels of hydrocarbons and methyl tertiary butyl ether (MTBE) compared to the vapor extraction wells. Thus, Cambria believes that the air sparge wells do not contribute to the monitoring network.

Construction details for these wells are as follows: One-inch diameter wells are constructed co-axially within 4-inch-diameter vapor extraction wells VEW-5, VEW-6, and VEW-7. The 1-inch-diameter inner air-sparging pipe extends to 15 feet below grade (fbg), and is screened between 12.5 and 15 fbg. A sand filter pack surrounds the air-sparging pipe between 12 and 15 fbg, and a bentonite seal surrounds the inner pipe between 10 and 12 fbg. The 4-inch-diameter outer SVE pipe extends to 10 fbg, and is screened between 3 and 10 fbg. A sand filter pack surrounds the outer pipe between 3 and 10 fbg, and a bentonite seal surrounds the outer pipe between 2 and 3 fbg. Cement grout seals the wells between 2 fbg and the surface, and holds the well vaults in place. Well logs are included as Attachment B.

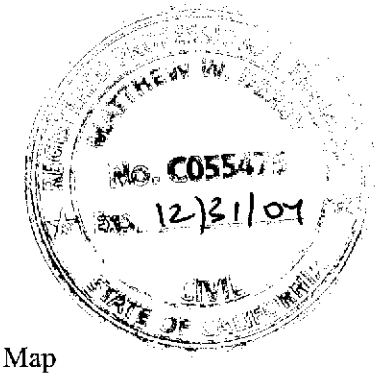
Air-Sparge and Soil Vapor Extraction (AS/SVE) System: From March 25, 2002 to February 14, 2003, an AS/SVE system operated at the site using AS/SVE wells AS-1/VEW-5, AS-2/VEW-6 and AS-3/VEW-7. The system was shut down due to the low to non-detect concentrations of chemicals of concern in groundwater in the AS/SVE wells and because of consistently high groundwater elevations in the vapor extraction wells. Recent concentrations in some wells have shown rebound, with MTBE concentrations up to 5,200 ppb (in well MW-10) and benzene concentrations up to 11,000 ppb (in well MW-10). Based on past performance and current groundwater conditions, Cambria does not believe that restarting the AS/SVE system will be effective. Therefore, Cambria will remove the AS/SVE equipment during the third quarter of 2004. During the third quarter, Cambria will also submit a work plan for a 5-day dual-phase extraction (DPE) test. Cambria plans to perform the DPE test during the fourth quarter of 2004.

CLOSING

We appreciate the opportunity to work with you on this project. Please call Caryl Weekley at (510) 420-3324 if you have any questions or comments.

Sincerely,
Cambria Environmental Technology, Inc

Caryl A. Weekley, R.G.
Senior Project Geologist



Matthew W. Derby, P.E.
Senior Project Engineer

Figures: 1 - Vicinity Map
2 - Groundwater Elevation Contour Map

Attachments: A - Blaine Groundwater Monitoring Report and Field Notes
B - Well Logs for VEW-5 (AS-1), VEW-6 (AS-2), and VEW-7 (AS-3)

cc: Karen Petryna, Shell Oil Products US, 20945 S. Wilmington Ave., Carson, CA 90810
J.T., Elizabeth G., W.T., and Jeanette Watters, Tr., 600 Caldwell Road, Oakland, CA 94611
Doug Herman, Port of Oakland, Division of Environmental Health and Safety, 530 Water Street, Oakland, CA 94607

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05/12/03

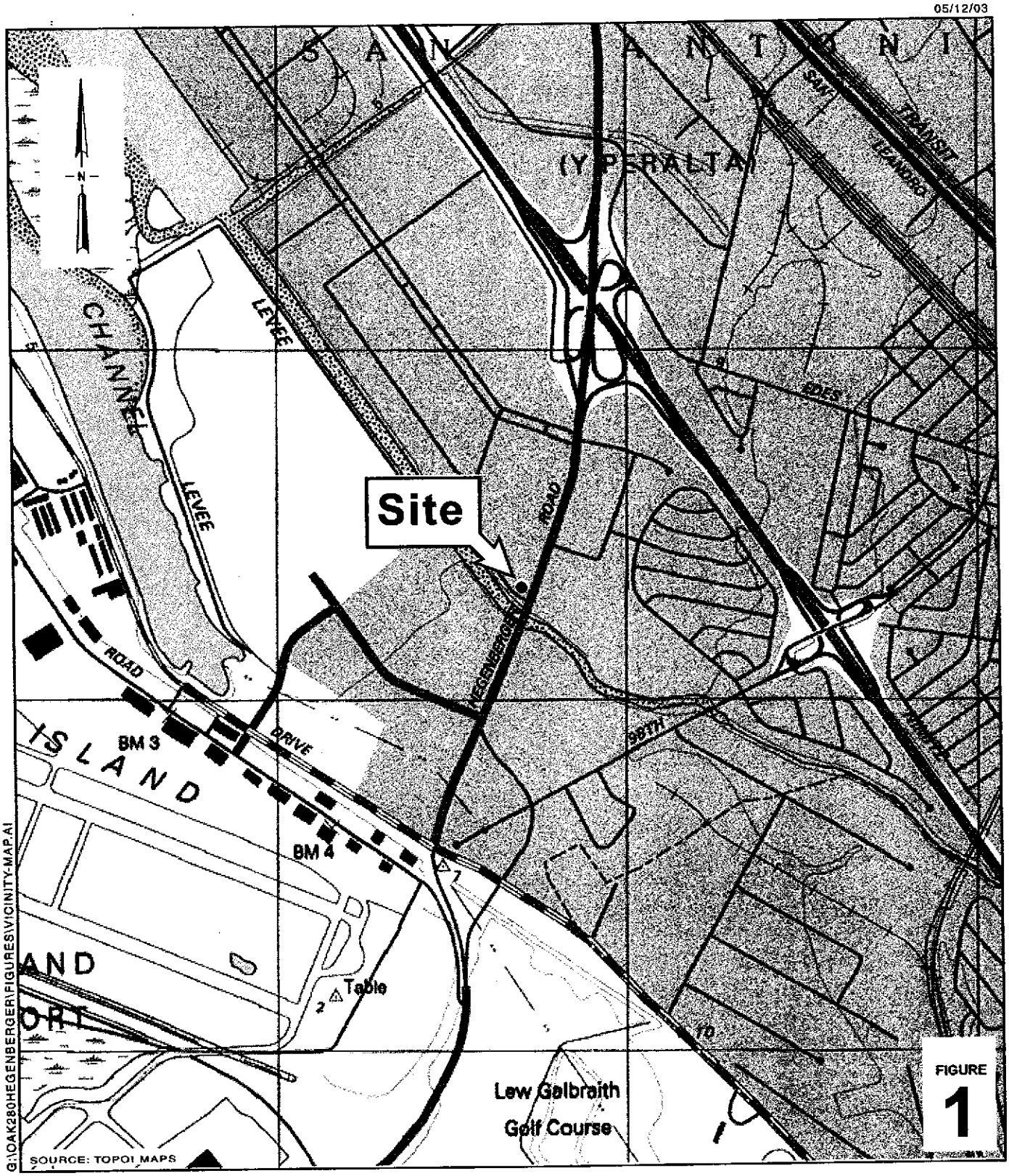

FIGURE
1

Shell-branded Service Station
285 Hegenberger Road
Oakland, California
Incident #98995749

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Vicinity Map

06/11/04

Groundwater Elevation Contour Map

April 1, 2004

EXPLANATION

VEW-5/AS-1	Co-axial vapor and sparge well (6/28/00)
SB-1	Soil boring location
MW-1	Groundwater monitoring well
VEW-1	Soil vapor extraction well
VEW-4	Dual completion air sparging/soil vapor extraction well
VEW-5	Abandoned well
(VEW-3)	Well proposed for abandonment
NS	Not surveyed
*	Data anomalous, not used for contouring
→	Groundwater flow direction
XX.XX	Groundwater elevation contour, in feet above mean sea level (msl), approximately located, dashed where inferred

Well designation
Well
ELEV
Benzene
MTBE
Groundwater elevation, in feet above msl
Benzene and MTBE concentrations are in parts per billion and are analyzed by EPA Method 8260. Date is most recent sampling unless otherwise indicated.

Basemap from Pacific Environmental Group, Inc.

LEET DRIVE

truck storage area

Open Water Channel

bike path

MW-8
6.35
<0.50
<0.50

MW-3
6.29
<0.50
4.2

W/O UST

station building

Ø MW-5

VEW-4

MW-2
6.39
<0.50
1.6

existing remediation container

former USTs

planter

MW-10
5.69
11,000
5,200

6.00

canopy

VEW-6
6.46*
44
180

AS-2
2.50*
0.67
18

MW-1
6.38*
1,500
830

VEW-5
Ø
car wash

MW-6
6.31
<0.50
130

VEW-1

(VEW-3)

VEW-2

5.50

MW-9
5.83
6,800
<50

MW-4
5.40
<0.50
3.8

VEW-7
6.50*
100
830

AS-3
2.52*
<0.50
2.8

sidewalk

MW-7 Ø

SB-1

SB-2

SB-3

VEW-5
6.04*
520
55

AS-1
2.37*
0.79
3.2

5.00

MW-11
NS
<0.50
<0.50

MW-13
4.55
<0.50
<0.50

MW-12
NS
<0.50
<0.50

HEGENBERGER ROAD

sidewalk

parking

0 20 40
APPROXIMATE SCALE IN FEET

FIGURE
2

Shell-branded Service Station
285 Hegenberger Road
Oakland, California
Incident #98995749

CAMBRIA

G:\OAKLAND\285HEGENBERGER\FIGURES\2QM04.AI

ATTACHMENT A

Blaine Groundwater Monitoring Report and Field Notes

BLAINE
TECH SERVICES, INC.

1680 ROGERS AVENUE
SAN JOSE, CA 95112-1105
(408) 573-7771 FAX
(408) 573-0555 PHONE
CONTRACTOR'S LICENSE #746684
www.blainetech.com

May 13, 2004

Karen Petryna
Shell Oil Products US
P.O. Box 7869
Burbank, CA 91510-7869

Second Quarter 2004 Groundwater Monitoring at
Shell-branded Service Station
285 Hegenberger Road
Oakland, CA

Monitoring performed on April 1, 2004

Groundwater Monitoring Report **040401-MD-1**

This report covers the routine monitoring of groundwater wells at this Shell-branded facility. In accordance with standard procedures that conform to Regional Water Quality Control Board requirements, routine field data collection includes depth to water, total well depth, thickness of any separate immiscible layer, water column volume, calculated purge volume (if applicable), elapsed evacuation time (if applicable), total volume of water removed (if applicable), and standard water parameter instrument readings. Sample material is collected, contained, stored, and transported to the laboratory in conformance with EPA standards. Purgewater (if applicable) is, likewise, collected and transported to the Martinez Refining Company.

Basic field information is presented alongside analytical values excerpted from the laboratory report in the cumulative table of **WELL CONCENTRATIONS**. The full analytical report for the most recent samples and the field data sheets are attached to this report.

At a minimum, Blaine Tech Services, Inc. field personnel are certified on completion of a forty-hour Hazardous Materials and Emergency Response training course per 29 CFR 1910.120. Field personnel are also enrolled in annual eight-hour refresher courses.

Blaine Tech Services, Inc. conducts sampling and documentation assignments of this type as an independent third party. Our activities at this site consisted of objective data and sample collection only. No interpretation of analytical results, defining of hydrological conditions or formulation of recommendations was performed.

Please call if you have any questions.

Yours truly,

Leon Gearhart
Project Coordinator

LG/ks

attachments: Cumulative Table of WELL CONCENTRATIONS
Certified Analytical Report
Field Data Sheets

cc: Anni Kreml
Cambria Environmental Technology, Inc.
5900 Hollis Street, Suite A
Oakland, CA 94608

WELL CONCENTRATIONS
Shell-branded Service Station
285 Hegenberger Road
Oakland, CA

Well ID	Date	TPPH (ug/L)	TEPH (ug/L)	B (ug/L)	T (ug/L)	E (ug/L)	X (ug/L)	MTBE 8020 (ug/L)	MTBE 8260 (ug/L)	TOC (MSL)	Depth to Water (ft.)	GW Elevation (MSL)	DO Reading (ppm)
MW-1	02/16/1989	99,000	NA	20,000	23,000	5,700	2,300	NA	NA	6.64	3.83	2.81	NA
MW-1	05/23/1989	48,000	11,000	4,200	5,200	1,200	7,700	NA	NA	6.64	3.59	3.05	NA
MW-1	08/03/1989	63,000	11,000	5,500	5,500	3,200	9,500	NA	NA	6.64	4.04	2.60	NA
MW-1	12/15/1989	30,000	11,000	ND	ND	ND	ND	NA	NA	6.64	4.22	2.42	NA
MW-1	02/07/1990	93,000	10,000	13,000	9,600	2,400	14,000	NA	NA	6.64	4.60	2.04	NA
MW-1	04/18/1990	55,000	8,700	14,000	8,400	3,200	13,000	NA	NA	6.64	4.02	2.62	NA
MW-1	07/23/1990	73,000	3,600	16,000	7,400	2,800	15,000	NA	NA	6.64	4.17	2.47	NA
MW-1	09/27/1990	45,000	1,700	8,000	4,300	2,000	11,000	NA	NA	6.64	4.60	2.04	NA
MW-1	01/03/1991	43,000	3,100	10,000	3,400	1,900	11,000	NA	NA	6.64	4.88	1.76	NA
MW-1	04/10/1991	67,000	1,800	20,000	9,600	3,500	16,000	NA	NA	6.64	3.55	3.09	NA
MW-1	07/12/1991	NA	NA	NA	NA	NA	NA	NA	NA	6.64	3.97	2.67	NA
MW-1	10/08/1991	55,000	7,400	18,000	3,500	2,300	8,600	NA	NA	6.64	4.26	2.38	NA
MW-1	02/06/1992	48,000	15,000 a	12,000	2,800	1,900	7,400	NA	NA	6.64	4.94	1.70	NA
MW-1	05/04/1992	71,000	10,000 a	16,000	6,000	3,100	14,000	NA	NA	6.64	3.58	3.06	NA
MW-1	07/28/1992	68,000	18,000 a	21,000	5,500	3,400	15,000	NA	NA	6.64	3.91	2.73	NA
MW-1 (D)	07/28/1992	70,000	19,000 a	17,000	5,000	2,700	13,000	NA	NA	6.64	3.91	2.73	NA
MW-1	10/27/1992	53,000	1,300	18,000	3,700	3,400	11,000	NA	NA	6.64	4.79	1.85	NA
MW-1 (D)	10/27/1992	48,000	2,500 a	17,000	3,600	3,100	9,900	NA	NA	6.64	4.79	1.85	NA
MW-1	01/14/1993	84,000	2,200 a	17,000	5,400	3,000	13,000	NA	NA	6.64	3.39	3.25	NA
MW-1	04/23/1993	100,000	2,300 a	18,000	7,800	4,700	20,000	NA	NA	6.64	2.67	3.97	NA
MW-1	07/20/1993	41a	3,100 a	12,000	870	1,500	4,400	NA	NA	9.50	3.48	6.02	NA
MW-1	10/18/1993	33,000	8,100 a	14,000	1,200	2,000	4,900	NA	NA	9.50	4.20	5.30	NA
MW-1 (D)	10/18/1993	44,000	3,700 a	14,000	1,200	2,000	4,900	NA	NA	9.50	4.20	5.30	NA
MW-1	01/06/1994	71,000	9,000 a	9,000	870	1,600	5,100	NA	NA	9.50	4.13	5.37	NA
MW-1	04/12/1994	42,000	5,900	6,600	170	2,300	4,700	NA	NA	9.50	2.42	7.08	NA
MW-1 (D)	04/12/1994	40,000	4,700	6,300	180	2,000	4,400	NA	NA	9.50	2.42	7.08	NA

WELL CONCENTRATIONS
Shell-branded Service Station
285 Hegenberger Road
Oakland, CA

Well ID	Date	TPPH (ug/L)	TEPH (ug/L)	B (ug/L)	T (ug/L)	E (ug/L)	X (ug/L)	MTBE 8020 (ug/L)	MTBE 8260 (ug/L)	TOC (MSL)	Depth to Water (ft.)	GW Elevation (MSL)	DO Reading (ppm)
MW-1	07/25/1994	13,000	7,000 a	4,400	110	460	1,400	NA	NA	9.50	3.37	6.13	NA
MW-1	10/25/1994	19,000	3,900	5,500	210	880	2,000	NA	NA	9.50	4.07	5.43	NA
MW-1	01/09/1995	37,000	8,600 a	6,700	800	2,800	8,900	NA	NA	9.50	2.65	6.85	NA
MW-1	04/11/1995	26,000	5,500	4,700	270	1,800	3,400	NA	NA	9.50	2.38	7.12	NA
MW-1	07/18/1995	57,000	7,000	7,500	880	4,100	11,000	NA	NA	9.50	3.49	6.01	NA
MW-1 (D)	07/19/1995	46,000	6,600	6,000	670	3,200	7,500	NA	NA	9.50	3.49	6.01	NA
MW-1	10/18/1995b	37,000	3,200	5,400	450	2,600	7,400	10,000	NA	9.50	NA	NA	NA
MW-1	01/09/1996	32,000	NA	3,000	240	1,900	3,500	6,100	NA	9.50	2.95	6.55	NA
MW-1	04/02/1996	30,000	NA	3,100	260	2.0	3,900	8.0	NA	9.50	2.00	7.50	NA
MW-1	10/03/1996	18,000	2,800	3,000	120	1,200	1,700	7,500	NA	9.50	3.21	6.29	2.2
MW-1	04/03/1997	29,000	3,000	2,300	170	2,300	2,900	4,300	NA	9.50	2.84	6.66	2.2
MW-1	10/08/1997	22,000	3,600	920	71	2,400	2,200	820	NA	9.50	2.58	6.92	1.5
MW-1	06/10/1998	13,000	2,900	860	<100	1,300	500	29,000	32,000	9.50	2.67	6.83	0.5/0.5
MW-1 (D)	06/10/1998	9,400	2,100	870	<50	1,300	520	28,000	NA	9.50	2.67	6.83	0.5/0.5
MW-1	12/30/1998	6,930	1,540	714	52.7	243	<25.0	9,000	NA	9.50	4.68	4.82	1.6/1.4
MW-1 *	06/25/1999	12,600	NA	1,110	44.7	1,340	710	6,080	NA	9.50	2.86	6.64	1.2/2.1
MW-1	12/28/1999	3,260	1,170	527	14.0	50.7	40.3	5,430	7,060b	9.50	3.23	6.27	1.4/1.8
MW-1	05/31/2000	6,820	2,050	1,620	<50.0	116	<50.0	6,070	4,710	9.50	2.39	7.11	0.98/2.27
MW-1	10/17/2000	2,530	995 a	388	<10.0	16.4	22.1	917	NA	9.50	2.05	7.45	4.0/3.1
MW-1	05/01/2001	12,300	1,510	1,480	19.5	205	111	4,160	NA	9.50	3.55	5.95	1.6/1.3
MW-1	11/05/2001	NA	NA	NA	NA	NA	NA	NA	NA	9.85 e	4.43	5.42	0.4
MW-1	11/07/2001	3,000	<1,000	290	6.0	11	15	NA	870	9.85	4.00	5.85	2.1/1.4
MW-1	05/01/2002	11,000	<2,000	2,100	29	180	68	NA	1,500	9.85	3.14	6.71	3.4/2.3
MW-1	07/16/2002	7,400	<1,500	1,200	22	37	24	NA	1,900	9.85	3.69	6.16	0.9/0.8
MW-1	10/17/2002	4,600	<2,000	810	16	68	31	NA	1,600	9.44	4.76	4.68	0.8/1.2
MW-1	01/21/2003	11,000	<7,000	1,100	28	210	53	NA	1,100	9.44	3.50	5.94	0.3/0.7

WELL CONCENTRATIONS
Shell-branded Service Station
285 Hegenberger Road
Oakland, CA

Well ID	Date	TPPH (ug/L)	TEPH (ug/L)	B (ug/L)	T (ug/L)	E (ug/L)	X (ug/L)	MTBE 8020 (ug/L)	MTBE 8260 (ug/L)	TOC (MSL)	Depth to Water (ft.)	GW Elevation (MSL)	DO Reading (ppm)
MW-1	05/01/2003	13,000	4,900 a	1,500	33	260	68	NA	1,700	9.44	3.04	6.40	NA
MW-1	07/17/2003	10,000	3,200 a,f	2,400	<50	250	<100	NA	3,100	9.44	3.92	5.52	NA
MW-1	10/02/2003	Well inaccessible		NA	NA	NA	NA	NA	NA	9.44	NA	NA	NA
MW-1	10/16/2003	8,500	3,700 a	1,100	26	140	41	NA	1,700	9.44	4.65	4.79	NA
MW-1	01/05/2004	11,000	4,300 a	1,600	29	200	45	NA	1,400	9.44	2.39	7.05	NA
MW-1	**04/01/2004**	**10,000**	**3,700 a**	**1,500**	**28**	**330**	**59**	**NA**	**630**	**9.44**	**3.06**	**6.38**	**NA**
MW-2	02/16/1989	20,000	NA	200	900	2,700	9,600	NA	NA	7.68	5.33	2.35	NA
MW-2	05/23/1989	1,500	1,600	4.3	2.9	11	150	NA	NA	7.68	5.23	2.45	NA
MW-2	08/03/1989	15,000	7,400	75	120	850	2,200	NA	NA	7.68	6.03	1.65	NA
MW-2	12/15/1989	5,000	2,600	52	13	4.1	290	NA	NA	7.68	6.43	1.25	NA
MW-2	02/07/1990	13,000	4,800	32	34	230	640	NA	NA	7.68	5.82	1.86	NA
MW-2	04/18/1990	9,800	3,200	33	19	460	1,700	NA	NA	7.68	5.88	1.80	NA
MW-2	07/23/1990	9,600	2,700	41	27	540	940	NA	NA	7.68	6.05	1.63	NA
MW-2	10/01/1990	390	1,600	3.4	15	8.5	25	NA	NA	7.68	NA	NA	NA
MW-2	01/03/1991	1,800	830	56	4.4	4.8	92	NA	NA	7.68	6.82	0.86	NA
MW-2	04/10/1991	1,900	280	ND	28	140	490	NA	NA	7.68	4.80	2.88	NA
MW-2	07/12/1991	8,100	1,100	89	66	350	930	NA	NA	7.68	5.70	1.98	NA
MW-2	10/08/1991	1,400	2,600	5.1	1.5	36	270	NA	NA	7.68	6.40	1.28	NA
MW-2	02/06/1992	2,000	5,400 a	7.8	2.5	130	210	NA	NA	7.68	6.40	1.28	NA
MW-2	05/04/1992	21	1,000	ND	ND	300	960	NA	NA	7.68	4.68	3.00	NA
MW-2	07/28/1992	2,100	830 a	7.7	3.3	130	310	NA	NA	7.68	5.86	1.82	NA
MW-2	10/27/1992	1,100	530	16	3.1	4.5	25	NA	NA	7.68	6.96	0.72	NA
MW-2	01/14/1993	290	170 a	5.2	3.1	8.4	21	NA	NA	7.68	4.12	3.56	NA
MW-2	04/23/1993	2,400	1,200 a	ND	ND	210	610	NA	NA	7.68	3.84	3.84	NA
MW-2	07/20/1993	440	130	1.7	1.7	15	38	NA	NA	10.55	5.17	5.38	NA

WELL CONCENTRATIONS
Shell-branded Service Station
285 Hegenberger Road
Oakland, CA

Well ID	Date	TPPH (ug/L)	TEPH (ug/L)	B (ug/L)	T (ug/L)	E (ug/L)	X (ug/L)	MTBE 8020 (ug/L)	MTBE 8260 (ug/L)	TOC (MSL)	Depth to Water (ft.)	GW Elevation (MSL)	DO Reading (ppm)
MW-2	10/18/1993	2,100	1,600 a	ND	ND	90	110	NA	NA	10.55	6.20	4.35	NA
MW-2	01/06/1994	1.9a	130	ND	6.7	7.1	12	NA	NA	10.55	5.39	5.16	NA
MW-2	04/12/1994	120	130	ND	ND	3.4	4.3	NA	NA	10.55	4.72	5.83	NA
MW-2	07/25/1994	0.18a	280 a	5.3	ND	6.2	8.2	NA	NA	10.55	5.44	5.11	NA
MW-2	10/25/1994	170	400	ND	ND	ND	ND	NA	NA	10.55	6.73	3.82	NA
MW-2	01/09/1995	ND	ND	ND	ND	ND	ND	NA	NA	10.55	4.34	6.21	NA
MW-2	04/11/1995	ND	ND	ND	ND	ND	ND	NA	NA	10.55	3.72	6.83	NA
MW-2	07/18/1995	250	160	2.8	0.5	12	13	NA	NA	10.55	4.91	5.64	NA
MW-2	10/18/1995	NA	NA	NA	NA	NA	NA	NA	NA	10.55	5.88	4.67	NA
MW-2	01/09/1996	790	130	5.1	1.5	2.4	4.6	1,400	NA	10.55	4.75	5.80	NA
MW-2	04/02/1996	260	NA	<2	<2	13	6.9	540	NA	10.55	3.25	7.30	NA
MW-2	10/03/1996	<2,000	620	<20	<20	<20	<20	13,000	NA	10.55	5.27	5.28	2.3
MW-2	04/03/1997	<1,000	190	<10	<10	<10	<10	2,800	NA	10.55	3.99	6.56	2.2
MW-2	10/08/1997	<5,000	1,100	<50	<50	<50	<50	d	NA	10.55	5.03	5.52	1.6
MW-2	06/10/1998	120	310	1.7	<1.0	<1.0	<1.0	3,800	NA	10.55	4.11	6.44	0.7/0.6
MW-2	12/30/1998	<5,000	1,050	<50.0	<50.0	<50.0	<50.0	12,100	15,300	10.55	4.76	5.79	1.3/1.2
MW-2 *	06/25/1999	<1,000	NA	<10.0	<10.0	<10.0	<10.0	7,570	NA	10.55	4.63	5.92	2.3/2.5
MW-2	12/28/1999	228	446	4.54	<0.500	<0.500	<0.500	4,260	NA	10.55	4.95	5.60	2.1/2.4
MW-2	05/31/2000	597	187	19.3	<0.500	0.860	<0.500	2,480	NA	10.55	4.06	6.49	1.8/2.7
MW-2	10/17/2000	Well inaccessible		NA	NA	NA	NA	NA	NA	10.55	NA	NA	NA
MW-2	05/01/2001	Well inaccessible		NA	NA	NA	NA	NA	NA	10.55	NA	NA	NA
MW-2	11/05/2001	<500	610	<5.0	<5.0	<5.0	<5.0	NA	1,800	10.55	6.12	4.43	0.6/1.1
MW-2	05/01/2002	440	<50	<2.5	<2.5	<2.5	<2.5	NA	1,300	10.55	3.85	6.70	6.2/0.9
MW-2	07/16/2002	<500	250	<5.0	<5.0	<5.0	<5.0	NA	2,100	10.55	4.56	5.99	0.9/1.3
MW-2	10/17/2002	280	240	<1.0	<1.0	<1.0	<1.0	NA	270	10.10	5.90	4.20	0.6/2.2
MW-2	01/21/2003	160	72	<0.50	<0.50	<0.50	<0.50	NA	380	10.10	4.11	5.99	0.5/1.0

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MW-2	05/01/2003	350	<50	<0.50	<0.50	<0.50	<1.0	NA	110	10.10	4.18	5.92	NA
MW-2	07/17/2003	120	61 a,f	<0.50	<0.50	<0.50	<1.0	NA	14	10.10	4.72	5.38	NA
MW-2	10/02/2003	190	200 a	1.6	<0.50	<0.50	<1.0	NA	17	10.10	5.76	4.34	NA
MW-2	01/05/2004	77	<50	<0.50	0.86	<0.50	<1.0	NA	1.3	10.10	3.28	6.82	NA
MW-2	**04/01/2004**	**450 a**	**<50**	**<0.50**	**<0.50**	**<0.50**	**<1.0**	**NA**	**1.6**	**10.10**	**3.71**	**6.39**	**NA**
MW-3	02/16/1989	60,000	NA	5,500	ND	3,200	5,200	NA	NA	7.81	5.17	2.64	NA
MW-3	05/23/1989	ND	1,500	ND	200	ND	ND	NA	NA	7.81	5.09	2.72	NA
MW-3	08/03/1989	2,000	1,200	120	ND	ND	86	NA	NA	7.81	5.34	2.47	NA
MW-3	12/15/1989	5,200	1,700	380	12	17	410	NA	NA	7.81	6.02	1.79	NA
MW-3	02/07/1990	260	230	17	47	5.4	2.5	NA	NA	7.81	4.95	2.86	NA
MW-3	04/18/1990	260	ND	ND	ND	ND	9.4	NA	NA	7.81	5.55	2.26	NA
MW-3	07/23/1990	510	210	46	ND	ND	9.3	NA	NA	7.81	5.81	2.00	NA
MW-3	09/27/1990	460	350	6.3	1.2	ND	15	NA	NA	7.81	6.86	0.95	NA
MW-3	01/03/1991	4,800	630	920	1.7	ND	190	NA	NA	7.81	6.84	0.97	NA
MW-3	04/10/1991	120	60	1.2	8.8	3.5	21	NA	NA	7.81	4.93	2.88	NA
MW-3	07/12/1991	430	ND	12	0.8	ND	7.7	NA	NA	7.81	5.56	2.25	NA
MW-3	10/08/1991	770	560	140	ND	ND	53	NA	NA	7.81	6.62	1.19	NA
MW-3	02/06/1992	500	340 a	74	0.7	5.2	5.3	NA	NA	7.81	6.28	1.53	NA
MW-3	05/04/1992	310	290 a	47	0.9	17	16	NA	NA	7.81	4.65	3.16	NA
MW-3	07/28/1992	780	100 a	130	ND	13	4.2	NA	NA	7.81	5.56	2.25	NA
MW-3	10/27/1992	740	69a	92	ND	7.8	9.6	NA	NA	7.81	6.65	1.16	NA
MW-3	01/14/1993	ND	ND	2.4	2.8	ND	ND	NA	NA	7.81	3.88	3.93	NA
MW-3	04/23/1993b	NA	NA	NA	NA	NA	NA	NA	NA	7.81	NA	NA	NA
MW-3	07/20/1993b	NA	NA	NA	NA	NA	NA	NA	NA	11.25 (TOB)	NA	NA	NA
MW-3	10/18/1993b	NA	NA	NA	NA	NA	NA	NA	NA	11.25 (TOB)	NA	NA	NA

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MW-3	01/06/1994	130	64	1.7	ND	ND	0.93	NA	NA	11.25 (TOB)	5.54	NA	NA
MW-3	04/12/1994	ND	75	0.82	ND	ND	0.7	NA	NA	11.25 (TOB)	4.82	NA	NA
MW-3	07/25/1994	0.06a	ND	2.8	ND	ND	0.7	NA	NA	11.25 (TOB)	6.03 (TOB)	5.22	NA
MW-3	10/25/1994	70	100	ND	ND	ND	ND	NA	NA	11.25 (TOB)	6.48	NA	NA
MW-3	01/09/1995	ND	ND	ND	ND	ND	ND	NA	NA	11.25 (TOB)	4.86 (TOB)	6.39	NA
MW-3	04/11/1995	ND	ND	ND	ND	ND	ND	NA	NA	11.25 (TOB)	4.22 (TOB)	7.03	NA
MW-3	07/18/1995	ND	90	2.8	ND	ND	ND	NA	NA	11.25 (TOB)	5.44 (TOB)	5.81	NA
MW-3	10/18/1995	NA	NA	NA	NA	NA	NA	NA	NA	11.25 (TOB)	5.72	NA	NA
MW-3	01/09/1996	90	90	1.7	ND	<0.5	<0.5	61	NA	11.25 (TOB)	4.96	NA	NA
MW-3	04/02/1996	<50	NA	<0.5	<0.5	<0.5	<0.5	24	NA	11.25 (TOB)	3.43	NA	NA
MW-3	10/03/1996	<500	180	<5	<5	<5	<5	1,200	NA	11.25 (TOB)	5.39	NA	2.4
MW-3	04/03/1997	150	83	3.2	<0.50	<0.50	0.81	280	NA	11.25 (TOB)	4.20	NA	2.0
MW-3	10/08/1997	180	120	7.3	0.68	0.54	3.9	1,700	NA	11.25 (TOB)	5.51(TOB)	5.74	2.1
MW-3	06/10/1998	130	120	12	0.85	<0.50	2.1	600	NA	11.25 (TOB)	3.91(TOB)	7.34	0.8/0.9
MW-3	12/30/1998	<250	108	<2.50	<2.50	<2.50	<2.50	1,010	NA	11.25 (TOB)	5.76 (TOB)	5.49	1.3/1.4
MW-3 *	06/25/1999	269	NA	4.24	<2.50	<2.50	<2.50	1,180	NA	11.25 (TOB)	4.73	NA	1.4/1.9
MW-3	12/28/1999	333	122	41.4	6.48	6.57	21.3	2,680	NA	11.25 (TOB)	5.75 (TOB)	5.50	1.3/1.5
MW-3	05/31/2000	1,180	89.2	19.1	1.92	3.26	<1.00	2,130	NA	11.25 (TOB)	4.96 (TOB)	6.29	1.2/2.2
MW-3	10/17/2000	156	183 a	5.22	0.819	<0.500	1.53	2,250	NA	11.25 (TOB)	5.70 (TOB)	5.55	2.0/2.1
MW-3	05/01/2001	286	95.9	<2.50	<2.50	<2.50	<2.50	1,470	NA	11.25 (TOB)	4.88 (TOB)	6.37	1.9/2.7
MW-3	05/29/2001	NA	NA	NA	NA	NA	NA	NA	NA	11.25 (TOB)	5.25 (TOB)	6.00	3.0/1.9
MW-3	11/05/2001	<500	<50	<5.0	<5.0	<5.0	<5.0	NA	2,100	11.25 (TOB)	6.25 (TOB)	5.00	0.5/1.9
MW-3	05/01/2002	<100	80	<1.0	<1.0	<1.0	<1.0	NA	430	11.25 (TOB)	4.77 (TOB)	6.48	4.1/0.7
MW-3	07/16/2002	410	340	12	2.0	<2.0	3.5	NA	530	11.25 (TOB)	5.44 (TOB)	5.81	0.3/1.7
MW-3	10/17/2002	220	82	2.5	<2.0	<2.0	2.3	NA	25	10.58	6.03	4.55	0.8/2.4
MW-3	01/21/2003	<50	150	<0.50	<0.50	<0.50	<0.50	NA	28	10.58	4.30	6.28	1.2/1.0

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MW-3	05/01/2003	60	<50	<0.50	<0.50	<0.50	<1.0	NA	16	10.58	4.30	6.28	NA
MW-3	07/17/2003	120	<50	1.2	<0.50	<0.50	<1.0	NA	11	10.58	5.36	5.22	NA
MW-3	10/02/2003	160	56 a	3.1	1.1	<0.50	2.1	NA	8.2	10.58	6.00	4.58	NA
MW-3	01/05/2004	54	<50	<0.50	<0.50	<0.50	<1.0	NA	15	10.58	4.44	6.14	NA
MW-3	**04/01/2004**	**<50**	**<50**	**<0.50**	**<0.50**	**<0.50**	**<1.0**	**NA**	**4.2**	**10.58**	**4.29**	**6.29**	**NA**
MW-4	05/23/1989	ND	ND	ND	ND	ND	ND	NA	NA	7.38	5.60	1.78	NA
MW-4	08/03/1989	ND	ND	ND	ND	ND	ND	NA	NA	7.38	6.37	1.01	NA
MW-4	12/15/1989	ND	ND	ND	ND	ND	ND	NA	NA	7.38	6.91	0.47	NA
MW-4	03/08/1990	ND	ND	ND	ND	ND	ND	NA	NA	7.38	6.06	1.32	NA
MW-4	04/18/1990	NA	NA	NA	NA	NA	NA	NA	NA	7.38	5.84	1.54	NA
MW-4	07/23/1990	ND	ND	ND	ND	ND	ND	NA	NA	7.38	6.92	0.46	NA
MW-4	09/27/1991	ND	ND	ND	ND	ND	ND	NA	NA	7.38	8.03	0.65	NA
MW-4	01/03/1991	NA	NA	NA	NA	NA	NA	NA	NA	7.38	7.54	-0.16	NA
MW-4	04/10/1991	ND	ND	ND	ND	ND	ND	NA	NA	7.38	5.06	2.32	NA
MW-4	07/12/1991	ND	ND	ND	ND	ND	ND	NA	NA	7.38	6.86	0.52	NA
MW-4	10/08/1991	ND	ND	ND	ND	ND	ND	NA	NA	7.38	7.44	-0.06	NA
MW-4	02/06/1992	120	2,500 a	ND	ND	ND	ND	NA	NA	7.38	7.29	0.09	NA
MW-4	05/04/1992	ND	53	ND	ND	ND	ND	NA	NA	7.38	5.33	2.05	NA
MW-4	07/28/1992	ND	60	ND	ND	ND	ND	NA	NA	7.38	6.95	0.43	NA
MW-4	10/27/1992	ND	ND	ND	ND	ND	ND	NA	NA	7.38	7.65	-0.27	NA
MW-4	01/14/1993	ND	ND	ND	ND	ND	ND	NA	NA	7.38	4.84	2.54	NA
MW-4	04/23/1993	ND	ND	ND	ND	ND	ND	NA	NA	7.38	4.84	2.54	NA
MW-4	07/20/1993	ND	ND	2.2	ND	1.1	7.7	NA	NA	10.28	6.47	3.81	NA
MW-4	10/18/1993	ND	ND	ND	1.2	ND	ND	NA	NA	10.28	7.35	2.93	NA
MW-4	01/06/1994	ND	ND	ND	ND	ND	ND	NA	NA	10.28	7.64	2.64	NA

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MW-4	04/12/1994	ND	76	ND	ND	ND	ND	NA	NA	10.28	6.39	3.89	NA
MW-4	07/25/1994	ND	ND	ND	ND	ND	ND	NA	NA	10.28	7.00	3.28	NA
MW-4	10/25/1994	ND	ND	ND	ND	ND	ND	NA	NA	10.28	7.53	2.75	NA
MW-4	01/09/1995	ND	70 a	ND	ND	ND	ND	NA	NA	10.28	4.90	5.38	NA
MW-4	04/11/1995	ND	140	1.5	ND	0.6	3.4	NA	NA	10.28	5.04	5.24	NA
MW-4	07/18/1995	ND	160	13	3.4	ND	ND	NA	NA	10.28	6.18	4.10	NA
MW-4	10/18/1995	NA	NA	NA	NA	NA	NA	NA	NA	10.28	6.63	3.65	NA
MW-4	01/09/1996	<50	ND	<0.5	ND	<0.5	<0.5	ND	NA	10.28	3.82	6.46	NA
MW-4	04/02/1996	<50	NA	<0.5	<0.5	<0.5	<0.5	<2.5	NA	10.28	3.97	6.31	NA
MW-4	10/03/1996	<50	81	<0.5	<0.5	<0.5	<0.5	<2.5	NA	10.28	3.74	6.54	NA
MW-4	04/03/1997	<50	69	<0.50	<0.50	<0.50	<0.50	<2.5	NA	10.28	3.74	6.54	1.8
MW-4	10/08/1997	<50	75	<0.50	<0.50	<0.50	<0.50	13	NA	10.28	4.89	5.39	2.0
MW-4 (D)	10/08/1997	<50	NA	<0.50	<0.50	<0.50	<0.50	<2.5	NA	10.28	4.89	5.39	2.0
MW-4	06/10/1998	NA	NA	NA	NA	NA	NA	NA	NA	10.28	4.39	5.89	NA
MW-4	12/30/1998	<50.0	94.1	<0.500	<0.500	<0.500	0.580	7.33	NA	10.28	5.58	4.70	1.7/1.6
MW-4	06/25/1999	NA	NA	NA	NA	NA	NA	NA	NA	10.28	4.17	6.11	NA
MW-4	12/28/1999	<50.0	<50.0	<0.500	<0.500	<0.500	<0.500	<5.00	NA	10.28	4.54	5.74	1.4/1.5
MW-4	05/31/2000	NA	NA	NA	NA	NA	NA	NA	NA	10.28	3.85	6.43	NA
MW-4	10/17/2000	<50.0	274a	<0.500	<0.500	<0.500	<0.500	9.40	NA	10.28	3.50	6.78	3.8/4.0
MW-4	05/01/2001	NA	NA	NA	NA	NA	NA	NA	NA	10.28	4.10	6.18	NA
MW-4	11/05/2001	<50	<50	<0.50	<0.50	<0.50	<0.50	NA	8.4	10.28	5.21	5.07	1.3/1.5
MW-4	05/01/2002	<50	<50	<0.50	<0.50	<0.50	<0.50	NA	<5.0	10.28	4.28	6.00	2.6/1.1
MW-4	07/16/2002	NA	NA	NA	NA	NA	NA	NA	NA	10.28	3.87	6.41	NA
MW-4	10/17/2002	<50	<50	<0.50	<0.50	<0.50	<0.50	NA	<5.0	9.83	4.66	5.17	1.4/2.4
MW-4	01/21/2003	NA	NA	NA	NA	NA	NA	NA	NA	9.83	3.87	5.96	NA
MW-4	05/01/2003	<50	57 a	<0.50	<0.50	<0.50	<1.0	NA	<5.0	9.83	4.49	5.34	NA

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MW-4	07/17/2003	NA	NA	NA	NA	NA	NA	NA	NA	9.83	5.46	4.37	NA
MW-4	10/02/2003	<50	<50	<0.50	<0.50	<0.50	<1.0	NA	5.9	9.83	5.51	4.32	NA
MW-4	01/05/2004	NA	NA	NA	NA	NA	NA	NA	NA	9.83	3.83	6.00	NA
MW-4	**04/01/2004**	**<50**	**<50**	**<0.50**	**<0.50**	**<0.50**	**<1.0**	**NA**	**3.0**	**9.83**	**4.43**	**5.40**	**NA**
MW-5	05/23/1989	26,000	7,000	1,500	280	ND	8,100	NA	NA	8.18	5.47	2.71	NA
MW-5	08/03/1989	12,000	8,700	860	94	ND	2,600	NA	NA	8.18	5.94	2.24	NA
MW-5	12/15/1989	1,000	710	22	35	18	44	NA	NA	8.18	6.75	1.43	NA
MW-5	02/07/1990	ND	620	0.8	ND	ND	ND	NA	NA	8.18	6.03	2.15	NA
MW-5	04/18/1990	19,000	5,000	4,500	850	97	8,000	NA	NA	8.18	5.80	2.38	NA
MW-5	07/23/1990	23,000	2,700	3,600	400	160	6,500	NA	NA	8.18	6.00	2.18	NA
MW-5	09/23/1990	5,400	550	1,400	26	13	1,300	NA	NA	8.18	7.18	1.00	NA
MW-5	01/03/1991	860	560	280	2.8	0.8	45	NA	NA	8.18	7.17	1.01	NA
MW-5	04/10/1991	12,000	1,800	710	130	500	2,400	NA	NA	8.18	5.25	2.93	NA
MW-5	07/12/1991	24,000	1,700	2,200	280	430	5,700	NA	NA	8.18	5.70	2.48	NA
MW-5	10/08/1991	2,800	1,400	860	13	ND	580	NA	NA	8.18	6.50	1.68	NA
MW-5	02/06/1992	1,000	1,200	300	ND	14	62	NA	NA	8.18	6.35	1.83	NA
MW-5	05/04/1992	10,000	4,100 a	1,500	350	710	2,300	NA	NA	8.18	4.87	3.31	NA
MW-5	07/28/1992	12,000	3,800 a	2,200	63	1,400	3,500	NA	NA	8.18	5.73	2.45	NA
MW-5	10/27/1992	7,500	480 a	1,100	59	230	900	NA	NA	8.18	6.98	1.20	NA
MW-5	01/14/1993	7,700	1,100 a	420	49	570	840	NA	NA	8.18	4.70	3.48	NA
MW-5	04/23/1993	110,000	1,600 a	2,900	2,500	3,400	12,000	NA	NA	8.18	4.19	3.99	NA
MW-5	07/20/1993	18a	1,200 a	1,400	84	1,500	3,200	NA	NA	10.87	5.10	5.77	NA
MW-5	10/18/1993	14,000	5,800 a	2,000	100	2,300	5,100	NA	NA	10.87	5.79	5.08	NA
MW-5	01/06/1994	81,000	1,100 a	11,000	9,300	3,600	12,000	NA	NA	10.87	5.56	5.31	NA
MW-5	04/12/1994	17,000	4,100	2,900	380	430	1,300	NA	NA	10.87	4.90	5.97	NA

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MW-5	07/25/1994	5,900	5,400 a	1,500	42	34	170	NA	NA	10.87	5.38	5.49	NA
MW-5	10/25/1994	2,300	1,900 a	35	3	ND	8	NA	NA	10.87	6.16	4.71	NA
MW-5	01/09/1995	8,300	3,700 a	1,500	95	330	1,900	NA	NA	10.87	4.60	6.27	NA
MW-5	04/11/1995	7,300	9,800	1,200	230	600	550	NA	NA	10.87	3.74	7.13	NA
MW-5	07/18/1995	17,000	5,100	2,300	730	770	2,500	NA	NA	10.87	4.97	5.90	NA
MW-5	10/18/1995	Well abandoned		NA	NA	NA	NA	NA	NA	10.87	5.67	5.20	NA
MW-6	05/23/1989	22,000	7,000	16	6.5	7	3,400	NA	NA	8.21	5.47	2.74	NA
MW-6	08/03/1989	28,000	8,800	1,200	130	2,100	2,800	NA	NA	8.21	5.91	2.30	NA
MW-6	12/15/1989	16,000	5,500	370	92	200	180	NA	NA	8.21	5.98	2.23	NA
MW-6	02/07/1990	22,000	2,600	520	85	630	770	NA	NA	8.21	5.47	2.74	NA
MW-6	04/18/1990	21,000	5,700	900	77	2,700	2,700	NA	NA	8.21	5.80	2.41	NA
MW-6	07/23/1990	24,000	3,000	1,000	94	3,400	2,700	NA	NA	8.21	5.85	2.36	NA
MW-6	09/27/1990	22,000	ND	700	93	2,500	2,400	NA	NA	8.21	6.42	1.79	NA
MW-6	01/03/1991	25,000	960	1,000	88	2,600	3,700	NA	NA	8.21	6.73	1.48	NA
MW-6	04/10/1991	18,000	920	560	190	480	830	NA	NA	8.21	5.24	2.97	NA
MW-6	07/12/1991	9,500	1,900	670	51	1,100	920	NA	NA	8.21	5.78	2.43	NA
MW-6	10/08/1991	11,000	5,100	1,000	43	ND	ND	NA	NA	8.21	6.36	1.85	NA
MW-6	02/06/1992	7,200	1,500 a	560	8	720	160	NA	NA	8.21	6.15	2.06	NA
MW-6	05/04/1992	7,900	2,900 a	610	ND	1,500	240	NA	NA	8.21	5.07	3.14	NA
MW-6	07/28/1992	17,000	3,200 a	1,200	ND	3,000	610	NA	NA	8.21	5.85	2.36	NA
MW-6	10/27/1992	15,000	1,300 a	1,300	130	1,700	490	NA	NA	8.21	6.69	1.52	NA
MW-6	01/14/1993	4,900	1,600 a	80	31	330	37	NA	NA	8.21	4.52	3.69	NA
MW-6	04/23/1993	4,800	1,800 a	120	ND	780	73	NA	NA	8.21	4.32	3.89	NA
MW-6	07/20/1993	19a	910 a	570	18	1,100	130	NA	NA	11.04	5.39	5.65	NA
MW-6	10/18/1993	24,000	2,500 a	770	440	1,600	830	NA	NA	11.04	6.67	4.37	NA

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MW-6	01/06/1994	20 a	2,300 a	450	30	530	52	NA	NA	11.04	5.66	5.38	NA
MW-6	04/12/1994	3,600	1,600	150	ND	340	21	NA	NA	11.04	4.91	6.13	NA
MW-6	07/25/1994	1,600	2,200 a	160	ND	ND	10	NA	NA	11.04	5.55	5.49	NA
MW-6 (D)	07/25/1994	1,000	2,400 a	160	ND	ND	18	NA	NA	11.04	5.55	5.49	NA
MW-6	10/25/1994	9,800	3,000 a	390	22	300	57	NA	NA	11.04	6.24	4.80	NA
MW-6	01/09/1995	2,200	800 a	74	12	400	39	NA	NA	11.04	4.58	6.46	NA
MW-6	04/11/1995	5,000	7,700	330	15	760	85	NA	NA	11.04	4.04	7.00	NA
MW-6	07/18/1995	4,200	1,700	320	11	490	22	NA	NA	11.04	5.01	6.03	NA
MW-6	10/18/1995	NA	NA	NA	NA	NA	NA	NA	NA	11.04	5.86	5.18	NA
MW-6	01/09/1996	5,600	790	59	<5	180	12	14,000	NA	11.04	4.75	6.29	NA
MW-6	04/02/1996	1,500	NA	12	<5	170	9	1,900	NA	11.04	3.82	7.22	NA
MW-6	10/03/1996	2,600	1,800	110	<25	<25	<25	11,000	NA	11.04	5.27	5.77	2.2
MW-6	04/03/1997	<2,500	650	30	<25	32	<25	10,000	NA	11.04	4.42	6.62	2.0
MW-6	10/08/1997	1,900	1,100	31	<5.0	6.1	<5.0	2,600	NA	11.04	4.70	6.34	1.0
MW-6	06/10/1998	<1,000	1,500	17	12	14	88	14,000	NA	11.04	4.36	6.68	0.4/0.4
MW-6	12/30/1998	260	528	<2.50	<2.50	<2.50	<2.50	909	NA	11.04	4.98	6.06	2.1/1.6
MW-6 *	06/25/1999	<2,500	NA	<25.0	<25.0	<25.0	<25.0	8,850	7,630	11.04	4.81	6.23	1.4/3.6
MW-6	12/28/1999	526	416	7.60	<1.00	<1.00	<1.00	1,510	NA	11.04	5.17	5.87	1.8/2.0
MW-6	05/31/2000	2,870	998	45.7	4.70	8.61	<2.50	3,780	NA	11.04	4.58	6.46	0.92/2.30
MW-6	10/17/2000	2,370	944a	49.8	5.36	<5.00	<5.00	746	NA	11.04	4.80	6.24	2.5/2.1
MW-6	05/01/2001	3,000	706	2.72	<2.50	4.46	<2.50	473	NA	11.04	4.75	6.29	2.2/1.6
MW-6	05/29/2001	NA	NA	NA	NA	NA	NA	NA	NA	11.04	4.86	6.18	2.0/1.3
MW-6	11/05/2001	NA	NA	NA	NA	NA	NA	NA	NA	11.04	5.73	5.31	0.6
MW-6	11/07/2001	1,700	180	1.3	1.2	1.3	1.1	NA	430	11.04	5.75	5.29	2.4/1.8
MW-6	05/01/2002	1,400	<300	2.0	0.61	4.3	0.68	NA	220	11.04	4.47	6.57	2.5/2.0
MW-6	07/16/2002	3,500	<600	31	1.5	5.7	1.2	NA	220	11.04	5.05	5.99	0.6/0.6

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MW-6	10/17/2002	3,000	<700	27	1.7	2.9	1.8	NA	340	10.59	5.80	4.79	1.2/1.1
MW-6	01/21/2003	900	<200	1.5	<0.50	1.4	<0.50	NA	73	10.59	4.39	6.20	0.8/0.6
MW-6	05/01/2003	700 a	160 a	0.58	<0.50	0.82	<1.0	NA	71	10.59	4.19	6.40	NA
MW-6	07/17/2003	<1,200	220 a,f	<12	<12	<12	<25	NA	840	10.59	5.22	5.37	NA
MW-6	10/02/2003	<1,000	300 a	<10	<10	<10	<20	NA	1,500	10.59	5.86	4.73	NA
MW-6	01/05/2004	520	140 a	<0.50	0.72	<0.50	<1.0	NA	30	10.59	3.79	6.80	NA
MW-6	**04/01/2004**	**650**	**220 a**	**<0.50**	**<0.50**	**0.54**	**<1.0**	**NA**	**130**	**10.59**	**4.28**	**6.31**	**NA**
MW-7	05/23/1989	47,000	11,000	3,500	5,000	1,500	7,800	NA	NA	7.44	5.48	1.96	NA
MW-7	08/03/1989	68,000	22,000	6,200	6,600	3,600	8,800	NA	NA	7.44	4.22	3.22	NA
MW-7	12/15/1989	100,000	12,000	4,500	5,300	1,300	5,300	NA	NA	7.44	4.58	2.86	NA
MW-7	02/07/1990	96,000	8,100	15,000	15,000	2,500	14,000	NA	NA	7.44	5.34	2.10	NA
MW-7	04/18/1990	94,000	10,000	25,000	13,000	3,300	13,000	NA	NA	7.44	4.92	2.52	NA
MW-7	07/23/1990	84,000	12,000	3,800	26,000	13,000	3,000	NA	NA	7.44	4.99	2.45	NA
MW-7	09/27/1990	43,000	ND	25,000	6,100	2,400	9,000	NA	NA	7.44	6.16	1.28	NA
MW-7	01/03/1991	78,000	3,100	26,000	16,000	3,000	14,000	NA	NA	7.44	4.96	2.48	NA
MW-7	04/10/1991	140,000	1,800	26,000	16,000	2,200	14,000	NA	NA	7.44	4.13	3.31	NA
MW-7	07/12/1991	79,000	1,100	7,700	7,200	2,300	10,000	NA	NA	7.44	4.98	2.46	NA
MW-7	10/08/1991	55,000	390 a	29,000	7,500	1,800	9,300	NA	NA	7.44	5.48	1.96	NA
MW-7	02/06/1992	63,000	9,600 a	16,000	8,700	1,600	7,400	NA	NA	7.44	5.05	2.39	NA
MW-7	05/04/1992	67,000	9,800 a	22,000	13,000	1,800	9,400	NA	NA	7.44	4.43	3.01	NA
MW-7	07/28/1992	85,000	13,000 a	26,000	17,000	2,900	15,000	NA	NA	7.44	4.88	2.56	NA
MW-7	10/27/1992	63,000	1,900 a	21,000	11,000	3,000	11,000	NA	NA	7.44	5.39	2.05	NA
MW-7	01/14/1993	120,000	2,300 a	28,000	21,000	1,600	15,000	NA	NA	7.44	4.26	3.18	NA
MW-7	04/23/1993	60,000	12,000 a	17,000	3,700	2,200	11,000	NA	NA	7.44	4.04	3.40	NA
MW-7 (D)	04/23/1993	50,000	14,000 a	17,000	4,200	2,200	11,000	NA	NA	7.44	4.04	3.40	NA

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MW-7	07/20/1993	47,000	13,000	23,000	9,900	2,200	12,000	NA	NA	10.28	4.36	5.92	NA
MW-7	10/18/1993	44,000	10,000 a	22,000	3,800	2,600	10,000	NA	NA	10.28	5.14	5.14	NA
MW-7	01/06/1994	65,000	5.200 a	16,000	4,900	1,900	8,500	NA	NA	10.28	4.83	5.45	NA
MW-7	04/12/1994	68,000	3,400	12,000	2,000	580	6,400	NA	NA	10.28	4.24	6.04	NA
MW-7	07/25/1994	63,000	4,200 a	16,000	5,800	300	8,300	NA	NA	10.28	4.58	5.70	NA
MW-7	10/25/1994	46,000	3,800 a	16,000	3,700	1,200	7,300	NA	NA	10.28	5.07	5.21	NA
MW-7	01/09/1995	62,000	3,300 a	24,000	8,500	1,100	9,400	NA	NA	10.28	3.38	6.90	NA
MW-7 (D)	01/11/1995	57,000	3,200 a	9,500	7,900	620	8,000	NA	NA	10.28	3.38	6.90	NA
MW-7	04/11/1995	53,000	7,000	13,000	4,200	1,500	7,700	NA	NA	10.28	3.52	6.76	NA
MW-7 (D)	04/12/1995	55,000	7,600	11,000	3,700	1,300	6,400	NA	NA	10.28	3.52	6.76	NA
MW-7	07/18/1995	95,000	2,700	24,000	8,000	2,100	12,000	NA	NA	10.28	4.70	5.58	NA
MW-7	10/18/1995	Well abandoned		NA	NA	NA	NA	NA	NA	10.28	5.25	5.03	NA
MW-8	05/23/1989	ND	100	ND	ND	ND	ND	NA	NA	7.79	6.62	1.17	NA
MW-8	08/03/1989	ND	75	ND	ND	ND	ND	NA	NA	7.79	6.62	1.17	NA
MW-8	12/15/1989	ND	ND	ND	ND	ND	ND	NA	NA	7.79	6.71	1.08	NA
MW-8	03/08/1990	ND	ND	ND	ND	ND	ND	NA	NA	7.79	4.95	2.84	NA
MW-8	04/18/1990	NA	NA	NA	NA	NA	NA	NA	NA	7.79	6.40	1.89	NA
MW-8	07/23/1990	ND	ND	ND	ND	ND	ND	NA	NA	7.79	6.62	1.17	NA
MW-8	09/27/1990	ND	1,100	ND	ND	ND	ND	NA	NA	7.79	6.98	0.81	NA
MW-8	01/03/1991	ND	ND	1.3	ND	ND	ND	NA	NA	7.79	7.03	0.76	NA
MW-8	04/10/1991	50	ND	0.7	1.1	0.8	1	NA	NA	7.79	4.40	3.39	NA
MW-8	07/12/1991	ND	ND	ND	ND	ND	ND	NA	NA	7.79	6.80	0.99	NA
MW-8	10/08/1991	ND	ND	1.4	ND	ND	ND	NA	NA	7.79	7.56	0.23	NA
MW-8	02/06/1992	ND	60 a	ND	0.7	ND	ND	NA	NA	7.79	6.94	0.85	NA
MW-8	05/04/1992	ND	210 a	ND	ND	ND	ND	NA	NA	7.79	5.86	1.93	NA

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MW-8	07/28/1992	51	ND	ND	ND	1	0.6	NA	NA	7.79	6.94	0.85	NA
MW-8	10/27/1992	ND	ND	ND	6.6	ND	ND	NA	NA	7.79	7.83	-0.04	NA
MW-8	01/14/1993	ND	64a	ND	ND	ND	ND	NA	NA	7.79	3.60	4.19	NA
MW-8 (D)	01/14/1993	ND	NA	ND	ND	ND	ND	NA	NA	7.79	3.60	4.19	NA
MW-8	04/23/1993	ND	ND	ND	ND	ND	ND	NA	NA	7.79	4.12	3.67	NA
MW-8	07/20/1993	ND	ND	0.7	0.7	0.8	4.1	NA	NA	10.61	6.38	4.23	NA
MW-8	10/18/1993	ND	ND	ND	800	ND	ND	NA	NA	10.61	7.47	3.14	NA
MW-8	01/06/1994	ND	ND	ND	ND	ND	ND	NA	NA	10.61	7.20	3.41	NA
MW-8	04/12/1994	ND	ND	ND	ND	ND	ND	NA	NA	10.61	6.16	4.45	NA
MW-8	07/25/1994	ND	ND	ND	ND	ND	ND	NA	NA	10.61	6.94	3.67	NA
MW-8	10/25/1994	ND	ND	ND	1	ND	ND	NA	NA	10.61	7.43	3.18	NA
MW-8	01/09/1995	ND	70 a	ND	ND	ND	ND	NA	NA	10.61	3.98	6.63	NA
MW-8	04/11/1995	ND	78	0.63	1.3	ND	0.75	NA	NA	10.61	4.12	6.49	NA
MW-8	07/18/1995	ND	130	ND	ND	ND	ND	NA	NA	10.61	5.21	5.40	NA
MW-8	10/18/1995	NA	NA	NA	NA	NA	NA	NA	NA	10.61	5.58	5.03	NA
MW-8	01/09/1996	<50	ND	<0.5	<0.5	<0.5	<0.5	ND	NA	10.61	5.09	5.52	NA
MW-8	04/02/1996	<50	NA	<0.5	<0.5	<0.5	<0.5	<2.5	NA	10.61	3.42	7.19	NA
MW-8	10/03/1996	<50	<69	<0.5	<0.5	<0.5	<0.5	<2.5	NA	10.61	4.30	6.31	NA
MW-8	04/03/1997	<50	62	<0.50	<0.50	<0.50	0.91	<2.5	NA	10.61	4.58	6.03	2.6
MW-8	10/08/1997	<50	57	<0.50	<0.50	<0.50	<0.50	<2.5	NA	10.61	3.00	7.61	3.6
MW-8	06/10/1998	NA	NA	NA	NA	NA	NA	NA	NA	10.61	2.88	7.73	NA
MW-8	12/30/1998	<50.0	<50.0	<0.500	<0.500	<0.500	<0.500	<2.00	NA	10.61	5.38	5.23	0.8/0.9
MW-8	06/25/1999	NA	NA	NA	NA	NA	NA	NA	NA	10.61	4.53	6.08	NA
MW-8	12/28/1999	<50.0	<50.0	<0.500	<0.500	<0.500	<0.500	<5.00	NA	10.61	4.93	5.68	1.0/0.9
MW-8	05/31/2000	NA	NA	NA	NA	NA	NA	NA	NA	10.61	4.02	6.59	NA
MW-8	10/17/2000	<50.0	143a	<0.500	<0.500	<0.500	<0.500	<2.50	NA	10.61	3.10	7.51	4.0/4.1

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MW-8	05/01/2001	NA	NA	NA	NA	NA	NA	NA	NA	10.61	4.12	6.49	NA
MW-8	11/05/2001	<50	<50	<0.50	0.99	<0.50	<0.50	NA	<5.0	10.61	5.00	5.61	0.6/1.3
MW-8	05/01/2002	<50	<50	<0.50	<0.50	<0.50	<0.50	NA	<5.0	10.61	3.25	7.36	0.6/3.6
MW-8	07/16/2002	NA	NA	NA	NA	NA	NA	NA	NA	10.61	3.64	6.97	NA
MW-8	10/17/2002	<50	<50	<0.50	<0.50	<0.50	<0.50	NA	<5.0	10.18	4.53	5.65	3.3/2.2
MW-8	01/21/2003	NA	NA	NA	NA	NA	NA	NA	NA	10.18	3.98	6.20	NA
MW-8	05/01/2003	<50	<50	<0.50	<0.50	<0.50	<1.0	NA	<5.0	10.18	4.00	6.18	NA
MW-8	07/17/2003	NA	NA	NA	NA	NA	NA	NA	NA	10.18	4.37	5.81	NA
MW-8	10/02/2003	<50	<50	<0.50	<0.50	<0.50	<1.0	NA	<0.50	10.18	4.56	5.62	NA
MW-8	01/05/2004	NA	NA	NA	NA	NA	NA	NA	NA	10.18	2.90	7.28	NA
MW-8	**04/01/2004**	**<50**	**<50**	**<0.50**	**<0.50**	**<0.50**	**<1.0**	**NA**	**<0.50**	**10.18**	**3.83**	**6.35**	**NA**
MW-9	08/03/1989	47,000	12,000	5,600	6,600	1,500	8,500	NA	NA	7.63	5.78	1.85	NA
MW-9	12/15/1989	88,000	9,200	4,300	5,400	140	5,600	NA	NA	7.63	5.24	2.39	NA
MW-9	02/07/1990	50,000	7,400	1,800	1,400	3,200	1,800	NA	NA	7.63	5.23	2.40	NA
MW-9	04/18/1990	50,000	7,500	14,000	11,000	730	10,000	NA	NA	7.63	5.34	2.29	NA
MW-9	07/23/1990	62,000	3,200	19,000	16,000	950	15,000	NA	NA	7.63	5.65	1.98	NA
MW-9	09/27/1990	30,000	2,700	16,000	6,500	980	11,000	NA	NA	7.63	5.96	1.67	NA
MW-9	01/03/1991	34,000	2,500	9,200	3,200	770	7,000	NA	NA	7.63	6.23	1.40	NA
MW-9	04/10/1991	66,000	2,200	17,000	13,000	1,400	14,000	NA	NA	7.63	4.65	2.98	NA
MW-9	07/12/1991	40,000	2,000	7,700	3,200	1,100	9,400	NA	NA	7.63	5.65	1.98	NA
MW-9	10/08/1991	20,000	4,700 a	11,000	640	240	6,000	NA	NA	7.63	6.08	1.55	NA
MW-9	02/06/1992	36,000	6,600 a	11,000	490	1,100	6,700	NA	NA	7.63	5.92	1.71	NA
MW-9	05/04/1992	31,000	5,800 a	11,000	1,700	1,200	8,700	NA	NA	7.63	4.80	2.83	NA
MW-9	07/28/1992	50,000	14,000	17,000	1,200	1,500	12,000	NA	NA	7.63	5.61	2.02	NA
MW-9	10/27/1992	43,000	880 a	15,000	680	1,700	8,100	NA	NA	7.63	6.24	1.39	NA

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Well ID	Date	TPPH (ug/L)	TEPH (ug/L)	B (ug/L)	T (ug/L)	E (ug/L)	X (ug/L)	MTBE 8020 (ug/L)	MTBE 8260 (ug/L)	TOC (MSL)	Depth to Water (ft.)	GW Elevation (MSL)	DO Reading (ppm)
MW-9	01/14/1993	52,000	730 a	9,600	1,100	1,100	7,000	NA	NA	7.63	4.95	2.68	NA
MW-9	04/23/1993	45,000	8,000 a	11,000	1,400	1,500	10,000	NA	NA	7.63	4.54	3.09	NA
MW-9	07/20/1993	25,000	5,100	10,000	320	1,100	7,100	NA	NA	10.48	5.25	5.23	NA
MW-9	10/18/1993	32,000	4,900 a	14,000	530	2,000	10,000	NA	NA	10.48	6.00	4.48	NA
MW-9	01/06/1994	41,000	7,700 a	15,000	810	1,400	9,000	NA	NA	10.48	5.62	4.86	NA
MW-9 (D)	01/06/1994	43,000	8,300 a	15,000	920	1,300	8,000	NA	NA	10.48	5.62	4.86	NA
MW-9	04/12/1994	39,000	2,000	8,300	ND	ND	4,000	NA	NA	10.48	4.31	6.17	NA
MW-9	07/25/1994	22,000	3,600 a	7,500	150	ND	4,100	NA	NA	10.48	5.43	5.05	NA
MW-9	10/25/1994	31,000	3,200 a	13,000	240	1,000	8,500	NA	NA	10.48	6.00	4.48	NA
MW-9 (D)	10/26/1994	31,000	3,500 a	13,000	220	1,100	8,300	NA	NA	10.48	6.00	4.48	NA
MW-9	01/09/1995	4,800	2,300 a	1,200	510	42	1,400	NA	NA	10.48	4.26	6.22	NA
MW-9	04/11/1995	20,000	3,400	5,100	460	400	3,400	NA	NA	10.48	4.08	6.40	NA
MW-9	07/18/1995	43,000	2,900	12,000	1,800	960	9,100	NA	NA	10.48	5.07	5.41	NA
MW-9	10/18/1995	NA	NA	NA	NA	NA	NA	NA	NA	10.48	5.82	4.66	NA
MW-9	01/09/1996	64,000	2,800	12,000	5,400	1,800	10,000	2100	NA	10.48	4.36	6.12	NA
MW-9	04/02/1996	39,000	NA	10,000	100	520	4,100	<500	NA	10.48	3.86	6.62	NA
MW-9	10/03/1996	46,000	3,100	12,000	180	1,400	6,700	2,300	NA	10.48	4.90	5.58	1.4
MW-9	04/03/1997	36,000	2,300	9,700	140	580	3,900	<500	NA	10.48	3.98	6.50	1.8
MW-9	10/08/1997	34,000	3,500	6,900	<100	830	4,500	<125	NA	10.48	4.17	6.31	0.8
MW-9	06/10/1998	20,000	2,500	9,900	250	3,100	170	460	NA	10.48	3.84	6.64	0.3/0.4
MW-9	12/30/1998	30,100	1,900	8,500	166	603	3,340	<100	NA	10.48	4.72	5.76	1.1/1.2
MW-9 *	06/25/1999	26,300	NA	8,090	73.5	409	2,730	<100	NA	10.48	4.47	6.01	1.2/2.4
MW-9	12/28/1999	4,130	839	1,260	57.9	103	213	1,470	NA	10.48	4.82	5.66	1.0/1.1
MW-9	05/31/2000	8,210	1,300	9,290	62.3	141	908	565	NA	10.48	3.87	6.61	2.8/c
MW-9	10/17/2000	19,000	1,510 a	5,420	54.5	479	2,680	<250	NA	10.48	3.87	6.61	3.0/3.5
MW-9	05/01/2001	24,300	976	11,200	52.9	159	1,610	<250	NA	10.48	4.44	6.04	1.6/1.0

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MW-9	05/29/2001	NA	NA	NA	NA	NA	NA	NA	NA	10.48	3.99	6.49	1.9/1.5
MW-9	11/05/2001	NA	NA	NA	NA	NA	NA	NA	NA	10.48	5.41	5.07	0.7
MW-9	11/07/2001	25,000	<1,000	7,300	85	630	4,100	NA	<250	10.48	5.60	4.88	1.4/1.1
MW-9	05/01/2002	27,000	<700	11,000	79	260	1,300	NA	<500	10.48	3.38	7.10	2.9/1.1
MW-9	07/16/2002	29,000	<700	12,000	<50	74	810	NA	<500	10.48	4.04	6.44	0.7/0.4
MW-9	10/17/2002	15,000	<800	10,000	31	36	490	NA	53	10.07	4.92	5.15	1.0/1.2
MW-9	01/21/2003	8,500	<400	3,100	39	190	590	NA	<200	10.07	4.52	5.55	0.4/0.8
MW-9	05/01/2003	16,000 a	1,600 a	4,900	<100	<100	1,500	NA	<1,000	10.07	4.05	6.02	NA
MW-9	07/17/2003	14,000	1,300 a,f	9,900	130	<120	2,300	NA	<120	10.07	4.82	5.25	NA
MW-9	10/02/2003	13,000	3,100 a	8,500	190	770	5,100	NA	<100	10.07	5.17	4.90	NA
MW-9	01/05/2004	37,000	1,500 a	15,000	250	750	3,800	NA	<100	10.07	3.94	6.13	NA
MW-9	**04/01/2004**	**14,000**	**1,800 a**	**6,800**	**80**	**230**	**1,800**	**NA**	**<50**	**10.07**	**4.24**	**5.83**	**NA**
MW-10	12/15/1989	ND	3,100	1,500	ND	ND	ND	NA	NA	7.45	6.33	0.82	NA
MW-10	03/08/1990	25,000	1,800	17,000	330	2,100	1,400	NA	NA	7.45	5.41	2.00	NA
MW-10	04/18/1990	23,000	3,600	15,000	1,200	190	3,300	NA	NA	7.45	5.60	1.85	NA
MW-10	07/23/1990	18,000	1,900	12,000	380	ND	1,400	NA	NA	7.45	5.81	1.64	NA
MW-10	09/27/1990	9,500	430	13,000	100	1,800	230	NA	NA	7.45	6.64	0.81	NA
MW-10	01/03/1991	4,300	630	3,700	10	ND	110	NA	NA	7.45	6.96	0.49	NA
MW-10	04/10/1991	45,000	1,400	16,000	4,600	3,000	6,900	NA	NA	7.45	4.70	2.75	NA
MW-10	07/12/1991	ND	ND	ND	ND	ND	ND	NA	NA	7.45	5.90	1.55	NA
MW-10	10/08/1991	3,800	1,500 a	13,000	82	9	500	NA	NA	7.45	6.68	0.77	NA
MW-10	02/06/1992	22,000	1,600 a	12,000	ND	600	170	NA	NA	7.45	7.04	0.41	NA
MW-10	05/04/1992	39,000	8,000 a	14,000	5,000	1,800	5,000	NA	NA	7.45	4.69	2.76	NA
MW-10	07/28/1992	38,000	8,700 a	17,000	2,800	1,500	4,000	NA	NA	7.45	6.00	1.45	NA
MW-10	10/27/1992b	NA	NA	NA	NA	NA	NA	NA	NA	7.45	NA	NA	NA

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MW-10	01/14/1993	26,000	950 a	10,000	ND	ND	160	NA	NA	7.45	6.07	1.38	NA
MW-10	04/23/1993	80,000	1,900 a	21,000	13,000	3,400	12,000	NA	NA	7.45	4.14	3.31	NA
MW-10	07/20/1993	31,000	4,800	14,000	4,200	1,700	5,500	NA	NA	10.61	5.62	4.99	NA
MW-10	10/18/1993	13,000	1,200 a	8,600	220	ND	450	NA	NA	10.61	6.43	4.18	NA
MW-10	01/06/1994	16,000	670 a	9,700	<125	<125	210	NA	NA	10.61	6.74	3.87	NA
MW-10	04/12/1994	16,000	860	5,600	ND	ND	ND	NA	NA	10.61	5.98	4.63	NA
MW-10	07/25/1994	2,300	2,100 a	1,400	26	25	51	NA	NA	10.61	6.31	4.30	NA
MW-10	10/25/1994	1,400	1,000 a	290	5	2	38	NA	NA	10.61	6.64	3.97	NA
MW-10	01/09/1995	16,000	2,300 a	7,500	1,400	230	1,500	NA	NA	10.61	5.70	4.91	NA
MW-10	04/11/1995	54,000	5,000	13,000	4,500	1,500	4,500	NA	NA	10.61	5.82	4.79	NA
MW-10	07/18/1995	72,000	2,600	20,000	7,200	2,800	9,000	NA	NA	10.61	6.79	3.82	NA
MW-10	10/18/1995	NA	NA	NA	NA	NA	NA	NA	NA	10.61	5.31	5.30	NA
MW-10	01/09/1996	32,000	2,100	8,000	1,600	880	3,200	12,000	NA	10.61	5.92	4.69	NA
MW-10	04/02/1996	68,000	NA	9,100	2,300	1,100	3,700	3,300	NA	10.61	5.43	5.18	NA
MW-10	10/03/1996	33,000	2,900	11,000	1,300	830	2,400	7,300	NA	10.61	6.07	4.54	1.7
MW-10 (D)	10/03/1996	40,000	3,300	12,000	1,700	1,100	3,100	6,500	NA	10.61	6.07	4.54	1.7
MW-10	04/03/1997	36,000	3,400	12,000	2,300	1,400	4,500	2,300	NA	10.61	3.45	7.16	1.8
MW-10 (D)	04/03/1997	52,000	3,000	12,000	2,300	1,400	4,500	2,100	NA	10.61	3.45	7.16	1.8
MW-10	10/08/1997	20,000	3,100	7,500	420	470	1,300	1,500	NA	10.61	3.72	6.89	1.2
MW-10	06/10/1998	48,000	2,500	14,000	2,600	1,500	4,800	1,800	NA	10.61	4.00	6.61	0.7/0.5
MW-10	12/30/1998	17,800	2,820	6,000	136	344	639	1,250	NA	10.61	5.26	5.35	1.0/0.7
MW-10 *	06/25/1999	17,600	NA	6,150	212	287	687	1,740	NA	10.61	4.49	6.12	0.9/2.5
MW-10	12/28/1999	10,800	1,400	3,370	155	321	626	3,740	NA	10.61	4.87	5.74	1.2/1.4
MW-10	05/31/2000	3,020	2,270	1,080	34.3	118	251	775	NA	10.61	3.48	7.13	2.8/3.9
MW-10	10/17/2000	15,500	1,750 a	7,450	54.7	387	308	3,840	4,300	10.61	4.25	6.36	2.3/3.0
MW-10	05/01/2001	27,900	2,260	9,920	1,050	1,020	2,370	2,180	NA	10.61	5.40	5.21	2.0/1.1

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Well ID	Date	TPPH (ug/L)	TEPH (ug/L)	B (ug/L)	T (ug/L)	E (ug/L)	X (ug/L)	MTBE 8020 (ug/L)	MTBE 8260 (ug/L)	TOC (MSL)	Depth to Water (ft.)	GW Elevation (MSL)	DO Reading (ppm)
MW-10	05/29/2001	NA	NA	NA	NA	NA	NA	NA	NA	10.61	3.74	6.87	3.70/1.8
MW-10	11/05/2001	NA	NA	NA	NA	NA	NA	NA	NA	10.61	6.08	4.53	0.6
MW-10	11/07/2001	14,000	360	5,300	260	430	810	NA	1,700	10.61	5.45	5.16	1.8/1.0
MW-10	05/01/2002	79,000	<1,500	16,000	4,400	3,300	8,800	NA	890	10.61	4.62	5.99	4.0/0.5
MW-10	07/16/2002	21,000	<1,000	6,500	350	460	1,000	NA	1,200	10.61	5.80	4.81	0.5/1.5
MW-10	10/17/2002	17,000	<1,800	5,800	290	520	1,100	NA	980	9.81	5.27	4.54	0.8/1.2
MW-10	01/21/2003	52,000	<2,000	13,000	2,000	2,100	4,800	NA	<1,000	9.81	5.72	4.09	0.3/0.6
MW-10	05/01/2003	40,000	3,800 a	13,000	1,700	2,200	5,000	NA	2,900	9.81	4.29	5.52	NA
MW-10	07/17/2003	13,000	1,700 a,f	7,200	250	740	1,500	NA	2,400	9.81	5.05	4.76	NA
MW-10	10/02/2003	<5,000	1,400 a	2,700	<50	56	<100	NA	2,800	9.81	5.46	4.35	NA
MW-10	01/05/2004	77,000	2,300 a	21,000	4,200	3,900	8,500	NA	1,900	9.81	3.52	6.29	NA
MW-10	**04/01/2004**	**33,000**	**3,100 a**	**11,000**	**1,000**	**1,600**	**3,600**	**NA**	**5,200**	**9.81**	**4.12**	**5.69**	**NA**
MW-11	07/20/1993	50	ND	2.5	1.9	3.9	18	NA	NA	10.56	8.08	2.48	NA
MW-11	10/18/1993	ND	65	ND	ND	ND	ND	NA	NA	10.56	8.24	2.32	NA
MW-11	01/06/1994	ND	ND	ND	ND	ND	ND	NA	NA	10.56	8.47	2.09	NA
MW-11	04/12/1994	ND	ND	1.1	0.87	ND	1.5	NA	NA	10.56	8.44	2.12	NA
MW-11	07/25/1994	ND	ND	ND	ND	ND	ND	NA	NA	10.56	8.20	2.36	NA
MW-11	10/25/1994	ND	100	ND	ND	ND	ND	NA	NA	10.56	8.67	1.89	NA
MW-11	01/09/1995	ND	ND	ND	ND	ND	ND	NA	NA	10.56	7.63	2.93	NA
MW-11	04/11/1995	ND	140	ND	0.7	ND	0.5	NA	NA	10.56	8.06	2.50	NA
MW-11	07/18/1995	ND	50	ND	ND	ND	ND	NA	NA	10.56	9.31	1.25	NA
MW-11	10/18/1995	NA	NA	NA	NA	NA	NA	NA	NA	10.56	8.34	2.22	NA
MW-11	01/09/1996	<50	ND	<0.5	<0.5	<0.5	<0.5	ND	NA	10.56	8.22	2.34	NA
MW-11	04/02/1996	<50	NA	<0.5	<0.5	<0.5	<0.5	<2.5	NA	10.56	7.97	2.59	NA
MW-11	10/03/1996	<50	<50	<0.5	<0.5	<0.5	<0.5	<2.5	NA	10.56	8.37	2.19	3.6

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MW-11	04/03/1997	<50	<50	<0.50	<0.50	<0.50	<0.50	<2.5	NA	10.56	8.31	2.25	2.2
MW-11	10/08/1997	<50	54	<0.50	<0.50	<0.50	<0.50	<2.5	NA	10.56	8.56	2.00	1.2
MW-11	06/10/1998	NA	NA	NA	NA	NA	NA	NA	NA	10.56	7.85	2.71	NA
MW-11	12/30/1998	<50.0	66.2	<0.500	<0.500	<0.500	<0.500	<2.00	NA	10.56	8.51	2.05	0.7/0.6
MW-11	06/25/1999	NA	NA	NA	NA	NA	NA	NA	NA	10.56	8.01	2.55	NA
MW-11	12/28/1999	<50.0	<50.0	<0.500	<0.500	<0.500	<0.500	<5.00	NA	10.56	8.39	2.17	0.8/1.0
MW-11	05/31/2000	NA	NA	NA	NA	NA	NA	NA	NA	10.56	7.38	3.18	NA
MW-11	10/17/2000	<50.0	<50.0	<0.500	<0.500	<0.500	<0.500	<2.50	NA	10.56	8.35	2.21	4.1/4.0
MW-11	05/01/2001	NA	NA	NA	NA	NA	NA	NA	NA	10.56	8.15	2.41	NA
MW-11	11/05/2001	Unable to locate		NA	NA	NA	NA	NA	NA	10.56	NA	NA	NA
MW-11	05/01/2002	Unable to locate		NA	NA	NA	NA	NA	NA	10.56	NA	NA	NA
MW-11	05/08/2002	<50	<50	<0.50	<0.50	<0.50	<0.50	NA	<5.0	10.56	7.82	2.74	1.0/1.1
MW-11	07/16/2002	NA	NA	NA	NA	NA	NA	NA	NA	10.56	7.64	2.92	NA
MW-11	10/17/2002	<50	<50	<0.50	<0.50	<0.50	<0.50	NA	<5.0	NA	7.95	NA	1.3/1.0
MW-11	01/21/2003	NA	NA	NA	NA	NA	NA	NA	NA	NA	7.57	NA	NA
MW-11	05/01/2003	<50	<50	<0.50	<0.50	<0.50	<1.0	NA	<5.0	NA	7.62	NA	NA
MW-11	07/17/2003	NA	NA	NA	NA	NA	NA	NA	NA	NA	6.93	NA	NA
MW-11	10/02/2003	<50	<50	<0.50	<0.50	<0.50	<1.0	NA	<0.50	NA	7.56	NA	NA
MW-11	01/05/2004	NA	NA	NA	NA	NA	NA	NA	NA	NA	7.03	NA	NA
MW-11	**04/01/2004**	**<50**	**<50**	**<0.50**	**<0.50**	**<0.50**	**<1.0**	**NA**	**<0.50**	**NA**	**7.55**	**NA**	**NA**
MW-12	07/20/1993	ND	1,500	2.8	1.9	3.2	ND	NA	NA	9.56	6.76	2.80	NA
MW-12	10/18/1993	ND	ND	ND	ND	ND	ND	NA	NA	9.56	7.12	2.44	NA
MW-12	01/06/1994	ND	ND	ND	ND	ND	ND	NA	NA	9.56	7.15	2.41	NA
MW-12	04/12/1994	ND	ND	0.61	ND	ND	1.1	NA	NA	9.56	6.68	2.88	NA
MW-12	07/25/1994	ND	ND	ND	ND	ND	ND	NA	NA	9.56	6.83	2.73	NA

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MW-12	10/25/1994	ND	ND	ND	ND	ND	ND	NA	NA	9.56	7.34	2.22	NA
MW-12	01/09/1995	ND	80 a	ND	ND	ND	ND	NA	NA	9.56	5.02	4.54	NA
MW-12	04/11/1995	ND	200	ND	ND	ND	ND	NA	NA	9.56	7.38	2.18	NA
MW-12	07/18/1995	ND	90	ND	ND	ND	ND	NA	NA	9.56	8.50	1.06	NA
MW-12	10/18/1995	NA	NA	NA	NA	NA	NA	NA	NA	9.56	6.63	2.93	NA
MW-12	01/09/1996	<50	ND	<0.5	<0.5	<0.5	<0.5	ND	NA	9.56	6.32	3.24	NA
MW-12	04/02/1996	<50	NA	<0.5	<0.5	<0.5	<0.5	<2.5	NA	9.56	5.60	3.96	NA
MW-12	10/03/1996	<50	72	<0.5	<0.5	<0.5	<0.5	<2.5	NA	9.56	3.30	6.26	2.5
MW-12	04/03/1997	<50	74	<0.50	<0.50	<0.50	<0.50	<2.5	NA	9.56	6.13	3.43	2.2
MW-12	10/08/1997	<50	73	<0.50	<0.50	<0.50	<0.50	<2.5	NA	9.56	6.49	3.07	3.0
MW-12	06/10/1998	NA	NA	NA	NA	NA	NA	NA	NA	9.56	5.85	3.71	NA
MW-12	12/30/1998	<50.0	<50.0	<0.500	<0.500	<0.500	<0.500	<2.00	NA	9.56	8.42	1.14	1.3/0.9
MW-12	06/25/1999	NA	NA	NA	NA	NA	NA	NA	NA	9.56	7.89	1.67	NA
MW-12	12/28/1999	<50.0	<50.0	<0.500	<0.500	<0.500	<0.500	<5.00	NA	9.56	8.26	1.30	1.0/1.2
MW-12	05/31/2000	NA	NA	NA	NA	NA	NA	NA	NA	9.56	7.21	2.35	NA
MW-12	10/17/2000	<50.0	82.9 a	<0.500	<0.500	<0.500	<0.500	<2.50	NA	9.56	6.80	2.76	5.1/3.0
MW-12	05/01/2001	NA	NA	NA	NA	NA	NA	NA	NA	9.56	5.95	3.61	NA
MW-12	11/05/2001	Unable to locate		NA	NA	NA	NA	NA	NA	9.56	NA	NA	NA
MW-12	05/01/2002	Unable to locate		NA	NA	NA	NA	NA	NA	9.56	NA	NA	NA
MW-12	05/08/2002	<50	<50	<0.50	<0.50	<0.50	<0.50	NA	<5.0	9.56	4.75	4.81	1.2/0.9
MW-12	07/16/2002	NA	NA	NA	NA	NA	NA	NA	NA	9.56	4.88	4.68	NA
MW-12	10/17/2002	<50	81	<0.50	<0.50	<0.50	<0.50	NA	<5.0	NA	5.11	NA	1.8/1.5
MW-12	01/21/2003	NA	NA	NA	NA	NA	NA	NA	NA	NA	5.76	NA	NA
MW-12	05/01/2003	<50	95 a	<0.50	<0.50	<0.50	<1.0	NA	<5.0	NA	5.00	NA	NA
MW-12	07/17/2003	NA	NA	NA	NA	NA	NA	NA	NA	NA	5.85	NA	NA
MW-12	10/02/2003	<50	<50	<0.50	<0.50	<0.50	<1.0	NA	<0.50	NA	5.02	NA	NA

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MW-12	01/05/2004	NA	NA	NA	NA	NA	NA	NA	NA	NA	3.95	NA	NA
MW-12	**04/01/2004**	**<50**	**<50**	**<0.50**	**<0.50**	**<0.50**	**<1.0**	**NA**	**<0.50**	**NA**	**5.04**	**NA**	**NA**
MW-13	07/20/1993	ND	1,500	ND	ND	ND	ND	NA	NA	10.10	8.32	1.78	NA
MW-13 (D)	07/21/1993	ND	1,000	ND	ND	ND	ND	NA	NA	10.10	8.32	1.78	NA
MW-13	10/18/1993	ND	ND	ND	ND	ND	ND	NA	NA	10.10	8.66	1.44	NA
MW-13	01/06/1994	ND	ND	ND	ND	ND	ND	NA	NA	10.10	8.70	1.40	NA
MW-13	04/12/1994	ND	100	1.7	1.2	0.59	2.4	NA	NA	10.10	8.20	1.90	NA
MW-13	07/25/1994	ND	ND	ND	ND	ND	ND	NA	NA	10.10	8.39	1.71	NA
MW-13	10/25/1994	ND	ND	ND	ND	ND	ND	NA	NA	10.10	8.70	1.40	NA
MW-13	01/09/1995	ND	ND	ND	ND	ND	ND	NA	NA	10.10	7.35	2.75	NA
MW-13	04/11/1995	ND	320	ND	ND	ND	ND	NA	NA	10.10	5.50	4.60	NA
MW-13	07/18/1995	ND	ND	ND	ND	ND	ND	NA	NA	10.10	6.63	3.47	NA
MW-13	10/18/1995	NA	NA	NA	NA	NA	NA	NA	NA	10.10	8.12	1.98	NA
MW-13	01/09/1996	<50	ND	<0.5	<0.5	<0.5	<0.5	ND	NA	10.10	7.74	2.36	NA
MW-13	04/02/1996	<50	NA	<0.5	<0.5	<0.5	<0.5	<2.5	NA	10.10	6.30	3.80	NA
MW-13	10/03/1996	<50	<50	<0.5	<0.5	<0.5	<0.5	<2.5	NA	10.10	6.50	3.60	3.0
MW-13	04/03/1997	<50	<50	<0.50	<0.50	<0.50	<0.50	<2.5	NA	10.10	7.58	2.52	2.0
MW-13	10/08/1997	<50	<50	<0.50	<0.50	<0.50	<0.50	<2.5	NA	10.10	8.17	1.93	1.0
MW-13	06/10/1998	NA	NA	NA	NA	NA	NA	NA	NA	10.10	7.54	2.56	NA
MW-13	12/30/1998	<50.0	69.0	<0.500	<0.500	<0.500	<0.500	<2.00	NA	10.10	6.91	3.19	1.1/0.8
MW-13	06/25/1999	NA	NA	NA	NA	NA	NA	NA	NA	10.10	6.31	3.79	NA
MW-13	12/28/1999	<50.0	<50.0	<0.500	<0.500	<0.500	<0.500	<5.00	NA	10.10	6.65	3.45	0.8/1.0
MW-13	05/31/2000	NA	NA	NA	NA	NA	NA	NA	NA	10.10	5.94	4.16	NA
MW-13	10/17/2000	<50.0	121 a	<0.500	<0.500	<0.500	<0.500	<2.50	NA	10.10	8.38	1.72	2.5/2.8
MW-13	05/01/2001	NA	NA	NA	NA	NA	NA	NA	NA	10.10	7.65	2.45	NA

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MW-13	11/05/2001	Unable to locate		NA	NA	NA	NA	NA	NA	10.10	NA	NA	NA
MW-13	05/01/2002	<50	<50	<0.50	<0.50	<0.50	<0.50	NA	<5.0	10.10	6.80	3.30	3.5/3.5
MW-13	07/16/2002	NA	NA	NA	NA	NA	NA	NA	NA	10.10	6.84	3.26	NA
MW-13	10/17/2002	<50	<50	<0.50	<0.50	<0.50	<0.50	NA	<5.0	9.64	6.73	2.91	1.4/0.9
MW-13	01/21/2003	NA	NA	NA	NA	NA	NA	NA	NA	9.64	6.99	2.65	NA
MW-13	05/01/2003	<50	<50	3.4	0.75	1.1	2.7	NA	<5.0	9.64	6.62	3.02	NA
MW-13	07/17/2003	NA	NA	NA	NA	NA	NA	NA	NA	9.64	5.99	3.65	NA
MW-13	10/02/2003	<50	<50	<0.50	<0.50	<0.50	<1.0	NA	<0.50	9.64	6.81	2.83	NA
MW-13	01/05/2004	NA	NA	NA	NA	NA	NA	NA	NA	9.64	5.98	3.66	NA
MW-13	**04/01/2004**	**<50**	**<50**	**<0.50**	**<0.50**	**<0.50**	**<1.0**	**NA**	**<0.50**	**9.64**	**5.09**	**4.55**	**NA**
VEW-5	09/26/2000	NA	NA	NA	NA	NA	NA	NA	NA	NA	2.91	NA	NA
VEW-5	10/17/2000	74,800	4,180 a	9,090	14,600	2,630	14,500	632	NA	NA	2.65	NA	3.0/3.1
VEW-5	05/01/2001	94,800	5,350	11,300	12,900	4,520	22,200	419	NA	NA	2.86	NA	0.4/0.6
VEW-5	11/05/2001	82,000	<1,600	14,000	7,400	2,900	15,000	NA	740	NA	4.11	NA	0.6/c
VEW-5	05/01/2002	16,000	<3,000	610	320	7.9	3,600	NA	310	NA	2.63	NA	4.7/2.9
VEW-5	07/16/2002	45,000	<3,000	7,900	2,700	1,000	4,600	NA	920	NA	2.96	NA	0.4/0.3
VEW-5	10/17/2002	<50	200	<0.50	<0.50	<0.50	<0.50	NA	46	8.81	3.55	5.26	1.1/1.0
VEW-5	01/21/2003	740	1,200	53	22	17	70	NA	17	8.81	2.06	6.75	1.6/0.5
VEW-5	05/01/2003	1,500	1,000 a	140	92	120	290	NA	11	8.81	2.34	6.47	NA
VEW-5	07/17/2003	4,200	1,400 a,f	630	1,300	360	1,400	NA	38	8.81	3.36	5.45	NA
VEW-5	10/02/2003	10,000	3,500 a	690	1,200	420	1,800	NA	54	8.81	3.65	5.16	NA
VEW-5	01/05/2004	180	530 a	5.0	0.73	6.5	11	NA	1.9	8.81	2.02	6.79	NA
VEW-5	**04/01/2004**	**2,800**	**2,500 a**	**520**	**23**	**260**	**290**	**NA**	**55**	**8.81**	**2.77**	**6.04**	**NA**
VEW-6	09/26/2000	NA	NA	NA	NA	NA	NA	NA	NA	NA	2.94	NA	NA

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VEW-6	10/17/2000	63,800	4,820 a	6,940	2,750	2,760	18,700	3,700	NA	NA	3.13	NA	2.0/2.1
VEW-6	05/01/2001	57,000	3,460	6,280	697	2,640	15,800	6,240	NA	NA	3.25	NA	0.8/1.2
VEW-6	05/29/2001	NA	NA	NA	NA	NA	NA	NA	NA	NA	3.17	NA	3.0/1.7
VEW-6	11/05/2001	39,000	<1,300	6,800	380	1,900	7,900	NA	8,800	NA	4.35	NA	0.8/1.3
VEW-6	05/01/2002	24,000	<4,500	1,800	270	470	3,700	NA	3,100	NA	2.73	NA	0.2/0.4
VEW-6	07/16/2002	19,000	<2,700	1,900	250	140	3,500	NA	2,900	NA	3.59	NA	0.3/0.2
VEW-6	10/17/2002	<50	110	<0.50	<0.50	<0.50	<0.50	NA	13	9.33	4.33	5.00	0.9/1.3
VEW-6	01/21/2003	900	<500	30	1.1	20	61	NA	110	9.33	3.08	6.25	4.6/5.6
VEW-6	05/01/2003	1,100 a	290 a	41	<5.0	58	66	NA	89	9.33	2.79	6.54	NA
VEW-6	07/17/2003	3,100	1,400 a,f	400	30	280	820	NA	1,400	9.33	3.80	5.53	NA
VEW-6	10/02/2003	2,100	1,200 a	310	37	200	420	NA	1,500	9.33	4.10	5.23	NA
VEW-6	01/05/2004	320	170 a	4.9	0.54	3.3	18	NA	68	9.33	2.31	7.02	NA
VEW-6	**04/01/2004**	**450**	**270 a**	**44**	**1.6**	**23**	**24**	**NA**	**180**	**9.33**	**2.87**	**6.46**	**NA**
VEW-7	09/26/2000	NA	NA	NA	NA	NA	NA	NA	NA	NA	3.59	NA	NA
VEW-7	10/17/2000	74,300	3,990 a	11,900	12,500	1,640	15,500	36,600	NA	NA	3.72	NA	3.5/4.1
VEW-7	05/01/2001	46,000	1,930	7,250	5,300	1,960	9,820	15,600	16,900	NA	3.40	NA	0.8/0.8
VEW-7	05/29/2001	NA	NA	NA	NA	NA	NA	NA	NA	NA	3.54	NA	2.5/1.4
VEW-7	11/05/2001	38,000	<900	9,300	610	1,700	6,000	NA	21,000	NA	4.85	NA	3.52/c
VEW-7	05/01/2002	590	<600	6.3	7.2	<2.5	81	NA	1,100	NA	2.62	NA	2.9/3.3
VEW-7	07/16/2002	95	54	1.5	<0.50	1.5	6.1	NA	100	NA	3.84	NA	3.6/2.5
VEW-7	10/17/2002	<50	110	1.4	<0.50	<0.50	<0.50	NA	34	9.49	4.93	4.56	3.0/1.9
VEW-7	01/21/2003	<50	180	0.88	<0.50	<0.50	4.2	NA	19	9.49	3.27	6.22	0.3/0.8
VEW-7	05/01/2003	2,200	1,000 a	62	8.0	230	80	NA	360	9.49	2.95	6.54	NA
VEW-7	07/17/2003	<1,200	590 a,f	97	19	150	110	NA	830	9.49	3.94	5.55	NA
VEW-7	10/02/2003	800	1,300 a	78	11	170	49	NA	1,200	9.49	5.00	4.49	NA

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VEW-7	01/05/2004	2,500	970 a	120	13	86	300	NA	660	9.49	2.82	6.67	NA
VEW-7	**04/01/2004**	**4,700**	**1,500 a**	**100**	**42**	**240**	**680**	**NA**	**830**	**9.49**	**2.99**	**6.50**	**NA**
AS-1	09/26/2000	NA	NA	NA	NA	NA	NA	NA	NA	NA	6.67	NA	NA
AS-1	10/17/2000	13,400	3,280 a	1,600	82.8	<20.0	2,600	498	NA	NA	5.50	NA	2.0/2.5
AS-1	05/01/2001	Well inaccessible		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
AS-1	11/05/2001	5,300	<900	85	26	46	120	NA	190	NA	6.11	NA	0.4/0.5
AS-1	05/01/2002	Insufficient water		NA	NA	NA	NA	NA	NA	NA	14.73	NA	NA
AS-1	07/16/2002	210	<150	8.2	<0.50	7.9	3.5	NA	25	NA	5.59	NA	4.6/2.8
AS-1	10/17/2002	Well dry	NA	NA	NA	NA	NA	NA	NA	8.23	NA	NA	NA
AS-1	01/21/2003	<50	220	0.62	<0.50	<0.50	<0.50	NA	<5.0	8.23	9.51	-1.28	2.2/2.5
AS-1	05/01/2003	79	96 a	2.2	0.99	5.1	4.8	NA	<5.0	8.23	5.75	2.48	NA
AS-1	07/17/2003	<50	79 a,f	1.2	0.60	0.95	1.7	NA	3.6	8.23	5.90	2.33	NA
AS-1	10/02/2003	440	99 a	12	49	22	94	NA	3.5	8.23	5.90	2.33	NA
AS-1	01/05/2004	<50	76 a	0.75	<0.50	0.70	<1.0	NA	2.4	8.23	5.64	2.59	NA
AS-1	**04/01/2004**	**<50**	**<50**	**0.79**	**<0.50**	**<0.50**	**<1.0**	**NA**	**3.2**	**8.23**	**5.86**	**2.37**	**NA**
AS-2	09/26/2000	NA	NA	NA	NA	NA	NA	NA	NA	NA	5.38	NA	NA
AS-2	10/17/2000	4,380	1,380 a	167	<10.0	225	680	315	NA	NA	5.50	NA	3.1/3.0
AS-2	05/01/2001	Well inaccessible		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
AS-2	11/05/2001	2,200	<300	100	0.99	91	21	NA	220	NA	5.99	NA	0.8/0.6
AS-2	05/01/2002	880	<300	19	<0.50	31	22	NA	57	NA	5.25	NA	1.0/0.8
AS-2	07/16/2002	910	<200	40	4.1	39	43	NA	78	NA	5.53	NA	0.7/0.9
AS-2	10/17/2002	Well dry	NA	NA	NA	NA	NA	NA	NA	8.65	NA	NA	NA
AS-2	01/21/2003	<50	140	1.4	<0.50	2.0	0.94	NA	19	8.65	9.32	-0.67	1.4/1.6
AS-2	05/01/2003	56	120 a	2.1	<0.50	4.7	<1.0	NA	12	8.65	6.74	1.91	NA

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AS-2	07/17/2003	180	80 a,f	11	0.56	34	13	NA	23	8.65	6.40	2.25	NA
AS-2	10/02/2003	320	190 a	8.5	6.3	24	25	NA	21	8.65	6.20	2.45	NA
AS-2	01/05/2004	210	160 a	1.4	<0.50	21	1.6	NA	15	8.65	6.32	2.33	NA
AS-2	**04/01/2004**	**200**	**130 a**	**0.87**	**<0.50**	**17**	**<1.0**	**NA**	**18**	**8.65**	**6.15**	**2.50**	**NA**
AS-3	09/26/2000	NA	NA	NA	NA	NA	NA	NA	NA	NA	5.75	NA	NA
AS-3	10/17/2000	3,520	942 a	588	521	41.2	566	1,740	NA	NA	6.18	NA	3.1/3.0
AS-3	05/01/2001	Well inaccessible		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
AS-3	11/05/2001	1,600	110	41	4.9	8.2	30	NA	240	NA	6.41	NA	1.1/3.2
AS-3	05/01/2002	Insufficient water		NA	NA	NA	NA	NA	NA	NA	14.90	NA	NA
AS-3	07/16/2002	Well dry	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
AS-3	10/17/2002	Insufficient water		NA	NA	NA	NA	NA	NA	8.84	14.78	-5.94	NA
AS-3	01/21/2003	<50	320	<0.50	<0.50	<0.50	<0.50	NA	<5.0	8.84	11.59	-2.75	2.2/1.1
AS-3	05/01/2003	57	150 a	0.53	<0.50	4.7	2.7	NA	<5.0	8.84	6.44	2.40	NA
AS-3	07/17/2003	<50	110 a,f	0.83	2.1	2.4	5.4	NA	2.5	8.84	6.55	2.29	NA
AS-3	10/02/2003	<50	96 a	2.9	3.9	8.4	15	NA	8.1	8.84	6.55	2.29	NA
AS-3	01/05/2004	<50	120 a	<0.50	<0.50	<0.50	<1.0	NA	1.5	8.84	6.47	2.37	NA
AS-3	**04/01/2004**	**<50**	**110 a**	**<0.50**	**<0.50**	**<0.50**	**<1.0**	**NA**	**2.8**	**8.84**	**6.32**	**2.52**	**NA**

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Abbreviations:
TPPH = Total petroleum hydrocarbons as gasoline by EPA Method 8260B; prior to November 5, 2001, analyzed by EPA Method 8015.
TEPH = Total petroleum hydrocarbons as diesel by modified EPA Method 8015.
BTEX = Benzene, toluene, ethylbenzene, xylenes by EPA Method 8260B; prior to November 5, 2001, analyzed by EPA Method 8020.
MTBE = Methyl-tertiary-butyl ether
TOC = Top of Casing Elevation
TOB = Top of Wellbox
GW = Groundwater
DO = Dissolved Oxygen
ug/L = Parts per billion
ppm = Parts per million
MSL = Mean sea level
ft = Feet
<n = Below detection limit
D = Duplicate sample
n/n = Dissolved oxygen reading; pre-purge/post-purge.
NA = Not applicable

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Notes:

a = Chromatogram pattern indicates an unidentified hydrocarbon/Hydrocarbon does not match pattern of laboratory's standard.

b = Sample was analyzed outside of EPA recommended holding time.

c = Post-purge DO reading not taken.

d = Lab did not record detected result.

e = Change in casing elevation due to wellhead maintenance.

f = TEPH with Silica Gel Cleanup.

* All diesel and motor oil samples for this event were lost in laboratory fire.

Site surveyed (except wells MW-11 and MW-12) March 18, 2002, by Virgil Chavez Land Surveying of Vallejo, California.

SEVERN TRENT STL

Submission#: 2004-04-0083

Blaine Tech Services, Inc.

April 16, 2004

1680 Rogers Avenue
San Jose, CA 95112-1105

Attn.: Leon Gearhart

Project#: 040401-MD1
Project: 98995749
Site: 285 Hegenberger Rd., Oakland

Dear Mr.Gearhart,

Attached is our report for your samples received on 04/02/2004 13:47
This report has been reviewed and approved for release. Reproduction of this report is permitted only in its entirety.

Please note that any unused portion of the samples will be discarded after 05/17/2004 unless you have requested otherwise.
We appreciate the opportunity to be of service to you. If you have any questions, please call me at (925) 484-1919.
You can also contact me via email. My email address is: vvancil@stl-inc.com

Sincerely,

Vincent Vancil
Project Manager

SEVERN TRENT STL

Submission #: 2004-04-0083

Total Extractable Petroleum Hydrocarbons (TEPH) by 8015m

Blaine Tech Services, Inc.
Attn.: Leon Gearhart

1680 Rogers Avenue
San Jose, CA 95112-1105
Phone: (408) 573-0555 Fax: (408) 573-7771

Project: 040401-MD1
98995749

Received: 04/02/2004 13:47

Site: 285 Hegenberger Rd., Oakland

Samples Reported

Sample Name	Date Sampled	Matrix	Lab #
MW-1	04/01/2004 13:45	Water	1
MW-2	04/01/2004 13:15	Water	2
MW-3	04/01/2004 12:50	Water	3
MW-4	04/01/2004 13:03	Water	4
MW-6	04/01/2004 13:30	Water	5
MW-8	04/01/2004 12:28	Water	6
MW-9	04/01/2004 14:00	Water	7
MW-10	04/01/2004 14:17	Water	8
MW-11	04/01/2004 09:30	Water	9
MW-12	04/01/2004 10:25	Water	10
MW-13	04/01/2004 10:00	Water	11
VEW-5	04/01/2004 13:15	Water	12
AS-1	04/01/2004 12:50	Water	13
VEW-6	04/01/2004 14:10	Water	14
AS-2	04/01/2004 13:40	Water	15
VEW-7	04/01/2004 14:50	Water	16
AS-3	04/01/2004 14:25	Water	17

Total Extractable Petroleum Hydrocarbons (TEPH) by 8015m

Blaine Tech Services, Inc.
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Project: 040401-MD1
98995749

Received: 04/02/2004 13:47

Site: 285 Hegenberger Rd., Oakland

Prep(s):	3510/8015M	Test(s):	8015M
Sample ID:	**MW-1**	Lab ID:	2004-04-0083 - 1
Sampled:	04/01/2004 13:45	Extracted:	4/5/2004 13:18
Matrix:	Water	QC Batch#:	2004/04/05-5A.10

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Diesel	3700	50	ug/L	1.00	04/06/2004 03:58	edr
Motor Oil	ND	500	ug/L	1.00	04/06/2004 03:58	
Surrogate(s)						
o-Terphenyl	82.6	50-120	%	1.00	04/06/2004 03:58	

Total Extractable Petroleum Hydrocarbons (TEPH) by 8015m

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Project: 040401-MD1
98995749

Received: 04/02/2004 13:47

Site: 285 Hegenberger Rd., Oakland

Prep(s):	3510/8015M	Test(s):	8015M
Sample ID:	**MW-2**	Lab ID:	2004-04-0083 - 2
Sampled:	04/01/2004 13:15	Extracted:	4/5/2004 13:18
Matrix:	Water	QC Batch#:	2004/04/05-5A.10

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Diesel	ND	50	ug/L	1.00	04/06/2004 04:25	
Motor Oil	ND	500	ug/L	1.00	04/06/2004 04:25	
Surrogate(s)						
o-Terphenyl	78.9	50-120	%	1.00	04/06/2004 04:25	

Total Extractable Petroleum Hydrocarbons (TEPH) by 8015m

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Project: 040401-MD1
98995749

Received: 04/02/2004 13:47

Site: 285 Hegenberger Rd., Oakland

Prep(s): 3510/8015M
Sample ID: **MW-3**
Sampled: 04/01/2004 12:50
Matrix: Water

Test(s): 8015M
Lab ID: 2004-04-0083 - 3
Extracted: 4/5/2004 13:18
QC Batch#: 2004/04/05-5A.10

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Diesel	ND	50	ug/L	1.00	04/06/2004 17:59	
Motor Oil	ND	500	ug/L	1.00	04/06/2004 17:59	
Surrogate(s)						
o-Terphenyl	77.8	50-120	%	1.00	04/06/2004 17:59	

Total Extractable Petroleum Hydrocarbons (TEPH) by 8015m

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Project: 040401-MD1
98995749

Received: 04/02/2004 13:47

Site: 285 Hegenberger Rd., Oakland

Prep(s): 3510/8015M
Sample ID: **MW-4**
Sampled: 04/01/2004 13:03
Matrix: Water

Test(s): 8015M
Lab ID: 2004-04-0083 - 4
Extracted: 4/5/2004 13:18
QC Batch#: 2004/04/05-5A.10

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Diesel	ND	50	ug/L	1.00	04/06/2004 18:29	
Motor Oil	ND	500	ug/L	1.00	04/06/2004 18:29	
Surrogate(s)						
o-Terphenyl	79.4	50-120	%	1.00	04/06/2004 18:29	

Total Extractable Petroleum Hydrocarbons (TEPH) by 8015m

Blaine Tech Services, Inc.
Attn.: Leon Gearhart

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Phone: (408) 573-0555 Fax: (408) 573-7771

Project: 040401-MD1
98995749

Received: 04/02/2004 13:47

Site: 285 Hegenberger Rd., Oakland

Prep(s): 3510/8015M
Sample ID: **MW-6**
Sampled: 04/01/2004 13:30
Matrix: Water

Test(s): 8015M
Lab ID: 2004-04-0083 - 5
Extracted: 4/5/2004 13:18
QC Batch#: 2004/04/05-5A.10

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Diesel	220	50	ug/L	1.00	04/06/2004 19:00	edr
Motor Oil	ND	500	ug/L	1.00	04/06/2004 19:00	
Surrogate(s)						
o-Terphenyl	76.1	50-120	%	1.00	04/06/2004 19:00	

Total Extractable Petroleum Hydrocarbons (TEPH) by 8015m

Blaine Tech Services, Inc.

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Project: 040401-MD1
98995749

Received: 04/02/2004 13:47

Site: 285 Hegenberger Rd., Oakland

Prep(s): 3510/8015M
Sample ID: **MW-8**
Sampled: 04/01/2004 12:28
Matrix: Water

Test(s): 8015M
Lab ID: 2004-04-0083 - 6
Extracted: 4/5/2004 13:18
QC Batch#: 2004/04/05-5A.10

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Diesel	ND	50	ug/L	1.00	04/06/2004 19:30	
Motor Oil	ND	500	ug/L	1.00	04/06/2004 19:30	
Surrogate(s)						
o-Terphenyl	79.2	50-120	%	1.00	04/06/2004 19:30	

Total Extractable Petroleum Hydrocarbons (TEPH) by 8015m

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Attn.: Leon Gearhart

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Project: 040401-MD1
98995749

Received: 04/02/2004 13:47

Site: 285 Hegenberger Rd., Oakland

Prep(s): 3510/8015M
Sample ID: **MW-9**
Sampled: 04/01/2004 14:00
Matrix: Water

Test(s): 8015M
Lab ID: 2004-04-0083 - 7
Extracted: 4/5/2004 13:18
QC Batch#: 2004/04/05-5A.10

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Diesel	1800	50	ug/L	1.00	04/06/2004 20:01	edr
Motor Oil	ND	500	ug/L	1.00	04/06/2004 20:01	
Surrogate(s)						
o-Terphenyl	70.0	50-120	%	1.00	04/06/2004 20:01	

Total Extractable Petroleum Hydrocarbons (TEPH) by 8015m

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Project: 040401-MD1
98995749

Received: 04/02/2004 13:47

Site: 285 Hegenberger Rd., Oakland

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

Sample ID: **MW-10**
Lab ID: 2004-04-0083 - 8

Sampled: 04/01/2004 14:17
Extracted: 4/5/2004 13:18

Matrix: Water
QC Batch#: 2004/04/05-5A.10

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Diesel	3100	50	ug/L	1.00	04/06/2004 20:31	edr
Motor Oil	ND	500	ug/L	1.00	04/06/2004 20:31	
Surrogate(s)						
o-Terphenyl	73.1	50-120	%	1.00	04/06/2004 20:31	

Total Extractable Petroleum Hydrocarbons (TEPH) by 8015m

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Project: 040401-MD1
98995749

Received: 04/02/2004 13:47

Site: 285 Hegenberger Rd., Oakland

Prep(s): 3510/8015M
Sample ID: **MW-11**
Sampled: 04/01/2004 09:30
Matrix: Water

Test(s): 8015M
Lab ID: 2004-04-0083 - 9
Extracted: 4/5/2004 13:18
QC Batch#: 2004/04/05-5A.10

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Diesel	ND	50	ug/L	1.00	04/06/2004 21:02	
Motor Oil	ND	500	ug/L	1.00	04/06/2004 21:02	
Surrogate(s)						
o-Terphenyl	80.2	50-120	%	1.00	04/06/2004 21:02	

Total Extractable Petroleum Hydrocarbons (TEPH) by 8015m

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Project: 040401-MD1
98995749

Received: 04/02/2004 13:47

Site: 285 Hegenberger Rd., Oakland

Prep(s): 3510/8015M
Sample ID: **MW-12**
Sampled: 04/01/2004 10:25
Matrix: Water

Test(s): 8015M
Lab ID: 2004-04-0083 - 10
Extracted: 4/5/2004 13:18
QC Batch#: 2004/04/05-5A.10

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Diesel	ND	50	ug/L	1.00	04/06/2004 21:32	
Motor Oil	ND	500	ug/L	1.00	04/06/2004 21:32	
Surrogate(s)						
o-Terphenyl	65.0	50-120	%	1.00	04/06/2004 21:32	

Total Extractable Petroleum Hydrocarbons (TEPH) by 8015m

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Project: 040401-MD1
98995749

Received: 04/02/2004 13:47

Site: 285 Hegenberger Rd., Oakland

Prep(s): 3510/8015M
Sample ID: **MW-13**
Sampled: 04/01/2004 10:00
Matrix: Water

Test(s): 8015M
Lab ID: 2004-04-0083 - 11
Extracted: 4/5/2004 13:18
QC Batch#: 2004/04/05-5A.10

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Diesel	ND	50	ug/L	1.00	04/06/2004 22:03	
Motor Oil	ND	500	ug/L	1.00	04/06/2004 22:03	
Surrogate(s)						
o-Terphenyl	74.8	50-120	%	1.00	04/06/2004 22:03	

Total Extractable Petroleum Hydrocarbons (TEPH) by 8015m

Blaine Tech Services, Inc.

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Project: 040401-MD1
98995749

Received: 04/02/2004 13:47

Site: 285 Hegenberger Rd., Oakland

Prep(s): 3510/8015M
Test(s): 8015M
Sample ID: **VEW-5**
Lab ID: 2004-04-0083 - 12
Sampled: 04/01/2004 13:15
Extracted: 4/5/2004 13:18
Matrix: Water
QC Batch#: 2004/04/05-5A.10

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Diesel	2500	50	ug/L	1.00	04/06/2004 22:33	edr
Motor Oil	500	500	ug/L	1.00	04/06/2004 22:33	
Surrogate(s)						
o-Terphenyl	68.6	50-120	%	1.00	04/06/2004 22:33	

Total Extractable Petroleum Hydrocarbons (TEPH) by 8015m

Blaine Tech Services, Inc.

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Project: 040401-MD1
98995749

Received: 04/02/2004 13:47

Site: 285 Hegenberger Rd., Oakland

Prep(s):	3510/8015M	Test(s):	8015M
Sample ID:	**AS-1**	Lab ID:	2004-04-0083 - 13
Sampled:	04/01/2004 12:50	Extracted:	4/5/2004 13:18
Matrix:	Water	QC Batch#:	2004/04/05-5A.10

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Diesel	ND	50	ug/L	1.00	04/06/2004 21:02	
Motor Oil	ND	500	ug/L	1.00	04/06/2004 21:02	
Surrogate(s)						
o-Terphenyl	80.3	50-120	%	1.00	04/06/2004 21:02	

Total Extractable Petroleum Hydrocarbons (TEPH) by 8015m

Blaine Tech Services, Inc.

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Project: 040401-MD1
98995749

Received: 04/02/2004 13:47

Site: 285 Hegenberger Rd., Oakland

Prep(s): 3510/8015M
Sample ID: **VEW-6**
Sampled: 04/01/2004 14:10
Matrix: Water

Test(s): 8015M
Lab ID: 2004-04-0083 - 14
Extracted: 4/5/2004 13:18
QC Batch#: 2004/04/05-5A.10

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Diesel	270	50	ug/L	1.00	04/07/2004 01:36	edr
Motor Oil	ND	500	ug/L	1.00	04/07/2004 01:36	
Surrogate(s)						
o-Terphenyl	73.0	50-120	%	1.00	04/07/2004 01:36	

Total Extractable Petroleum Hydrocarbons (TEPH) by 8015m

Blaine Tech Services, Inc.

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Project: 040401-MD1
98995749

Received: 04/02/2004 13:47

Site: 285 Hegenberger Rd., Oakland

Prep(s):	3510/8015M	Test(s):	8015M
Sample ID:	**AS-2**	Lab ID:	2004-04-0083 - 15
Sampled:	04/01/2004 13:40	Extracted:	4/5/2004 13:18
Matrix:	Water	QC Batch#:	2004/04/05-5A.10

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Diesel	130	50	ug/L	1.00	04/07/2004 02:07	edr
Motor Oil	ND	500	ug/L	1.00	04/07/2004 02:07	
Surrogate(s)						
o-Terphenyl	77.5	50-120	%	1.00	04/07/2004 02:07	

Total Extractable Petroleum Hydrocarbons (TEPH) by 8015m

Blaine Tech Services, Inc.

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Project: 040401-MD1
98995749

Received: 04/02/2004 13:47

Site: 285 Hegenberger Rd., Oakland

Prep(s): 3510/8015M
Sample ID: **VEW-7**
Sampled: 04/01/2004 14:50
Matrix: Water

Test(s): 8015M
Lab ID: 2004-04-0083 - 16
Extracted: 4/5/2004 13:18
QC Batch#: 2004/04/05-5A.10

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Diesel	1500	50	ug/L	1.00	04/07/2004 02:37	edr
Motor Oil	ND	500	ug/L	1.00	04/07/2004 02:37	
Surrogate(s)						
o-Terphenyl	71.4	50-120	%	1.00	04/07/2004 02:37	

Total Extractable Petroleum Hydrocarbons (TEPH) by 8015m

Blaine Tech Services, Inc.

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98995749

Received: 04/02/2004 13:47

Site: 285 Hegenberger Rd., Oakland

Prep(s): 3510/8015M
Test(s): 8015M
Sample ID: **AS-3**
Lab ID: 2004-04-0083 - 17
Sampled: 04/01/2004 14:25
Extracted: 4/5/2004 13:18
Matrix: Water
QC Batch#: 2004/04/05-5A.10

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Diesel	110	50	ug/L	1.00	04/07/2004 03:08	ndp
Motor Oil	ND	500	ug/L	1.00	04/07/2004 03:08	
Surrogate(s)						
o-Terphenyl	79.7	50-120	%	1.00	04/07/2004 03:08	

Total Extractable Petroleum Hydrocarbons (TEPH) by 8015m

Blaine Tech Services, Inc.

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Project: 040401-MD1
98995749

Received: 04/02/2004 13:47

Site: 285 Hegenberger Rd., Oakland

Batch QC Report

Prep(s): 3510/8015M — Test(s): 8015M

Method Blank — **Water** — **QC Batch # 2004/04/05-5A.10**

MB: 2004/04/05-5A.10-003 — Date Extracted: 04/05/2004 13:18

Compound	Conc.	RL	Unit	Analyzed	Flag
Diesel	ND	50	ug/L	04/05/2004 17:02	
Motor Oil	ND	500	ug/L	04/05/2004 17:02	
Surrogates(s)					
o-Terphenyl	86.0	50-120	%	04/05/2004 17:02	

Total Extractable Petroleum Hydrocarbons (TEPH) by 8015m

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Project: 040401-MD1
98995749

Received: 04/02/2004 13:47

Site: 285 Hegenberger Rd., Oakland

Batch QC Report

Prep(s): 3510/8015M

Test(s): 8015M

Laboratory Control Spike **Water** **QC Batch # 2004/04/05-5A.10**

LCS 2004/04/05-5A.10-001 Extracted: 04/05/2004 Analyzed: 04/05/2004 17:33

LCSD 2004/04/05-5A.10-002 Extracted: 04/05/2004 Analyzed: 04/05/2004 18:04

Compound	Conc. ug/L		Exp.Conc.	Recovery %		RPD	Ctrl.Limits %		Flags	
	LCS	LCSD		LCS	LCSD	%	Rec.	RPD	LCS	LCSD
Diesel	698	847	1000	69.8	84.7	19.3	60-130	25		
Surrogates(s)										
o-Terphenyl	13.2	16.3	20.0	66.1	81.4		50-120			

Total Extractable Petroleum Hydrocarbons (TEPH) by 8015m

Blaine Tech Services, Inc.

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Project: 040401-MD1
98995749

Received: 04/02/2004 13:47

Site: 285 Hegenberger Rd., Oakland

Legend and Notes

Result Flag

edr

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

ndp

Hydrocarbon reported does not match the pattern of our Diesel standard

SEVERN TRENT STL

Submission #: 2004-04-0083

Gas/BTEX/MTBE by 8260B (C6-C12)

Blaine Tech Services, Inc.
Attn.: Leon Gearhart

1680 Rogers Avenue
San Jose, CA 95112-1105
Phone: (408) 573-0555 Fax: (408) 573-7771

Project: 040401-MD1
98995749

Received: 04/02/2004 13:47

Site: 285 Hegenberger Rd., Oakland

Samples Reported

Sample Name	Date Sampled	Matrix	Lab #
MW-9	04/01/2004 14:00	Water	7
MW-10	04/01/2004 14:17	Water	8

Gas/BTEX/MTBE by 8260B (C6-C12)

Blaine Tech Services, Inc.
Attn.: Leon Gearhart

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Project: 040401-MD1
98995749

Received: 04/02/2004 13:47

Site: 285 Hegenberger Rd., Oakland

Prep(s): 5030B
Sample ID: **MW-9**
Sampled: 04/01/2004 14:00
Matrix: Water
Analysis Flag: o (See Legend and Note Section)

Test(s): 8260B
Lab ID: 2004-04-0083 - 7
Extracted: 4/8/2004 15:27
QC Batch#: 2004/04/08-1A.64

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Gasoline	14000	5000	ug/L	100.00	04/08/2004 15:27	
Benzene	6800	50	ug/L	100.00	04/08/2004 15:27	
Toluene	80	50	ug/L	100.00	04/08/2004 15:27	
Ethylbenzene	230	50	ug/L	100.00	04/08/2004 15:27	
Total xylenes	1800	100	ug/L	100.00	04/08/2004 15:27	
Methyl tert-butyl ether (MTBE)	ND	50	ug/L	100.00	04/08/2004 15:27	
Surrogate(s)						
1,2-Dichloroethane-d4	102.3	76-130	%	100.00	04/08/2004 15:27	
Toluene-d8	93.3	78-115	%	100.00	04/08/2004 15:27	

Gas/BTEX/MTBE by 8260B (C6-C12)

Blaine Tech Services, Inc.
Attn.: Leon Gearhart

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Phone: (408) 573-0555 Fax: (408) 573-7771

Project: 040401-MD1
98995749

Received: 04/02/2004 13:47

Site: 285 Hegenberger Rd., Oakland

Prep(s): 5030B
Sample ID: **MW-10**
Sampled: 04/01/2004 14:17
Matrix: Water
Analysis Flag: o (See Legend and Note Section)

Test(s): 8260B
Lab ID: 2004-04-0083 - 8
Extracted: 4/8/2004 15:50
QC Batch#: 2004/04/08-1A.64

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Gasoline	33000	10000	ug/L	200.00	04/08/2004 15:50	
Benzene	11000	100	ug/L	200.00	04/08/2004 15:50	
Toluene	1000	100	ug/L	200.00	04/08/2004 15:50	
Ethylbenzene	1600	100	ug/L	200.00	04/08/2004 15:50	
Total xylenes	3600	200	ug/L	200.00	04/08/2004 15:50	
Methyl tert-butyl ether (MTBE)	5200	100	ug/L	200.00	04/08/2004 15:50	
Surrogate(s)						
1,2-Dichloroethane-d4	103.4	76-130	%	200.00	04/08/2004 15:50	
Toluene-d8	93.6	78-115	%	200.00	04/08/2004 15:50	

Gas/BTEX/MTBE by 8260B (C6-C12)

Blaine Tech Services, Inc.
Attn.: Leon Gearhart

1680 Rogers Avenue
San Jose, CA 95112-1105
Phone: (408) 573-0555 Fax: (408) 573-7771

Project: 040401-MD1
98995749

Received: 04/02/2004 13:47

Site: 285 Hegenberger Rd., Oakland

Batch QC Report

Prep(s): 5030B — Test(s): 8260B

Method Blank — **Water** — **QC Batch # 2004/04/08-1A.64**

MB: 2004/04/08-1A.64-059 — Date Extracted: 04/08/2004 08:59

Compound	Conc.	RL	Unit	Analyzed	Flag
Gasoline	ND	50	ug/L	04/08/2004 08:59	
Methyl tert-butyl ether (MTBE)	ND	0.5	ug/L	04/08/2004 08:59	
Benzene	ND	0.5	ug/L	04/08/2004 08:59	
Toluene	ND	0.5	ug/L	04/08/2004 08:59	
Ethylbenzene	ND	0.5	ug/L	04/08/2004 08:59	
Total xylenes	ND	1.0	ug/L	04/08/2004 08:59	
Surrogates(s)					
1,2-Dichloroethane-d4	97.0	76-130	%	04/08/2004 08:59	
Toluene-d8	96.6	78-115	%	04/08/2004 08:59	

Gas/BTEX/MTBE by 8260B (C6-C12)

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Received: 04/02/2004 13:47

Site: 285 Hegenberger Rd., Oakland

Batch QC Report

Prep(s): 5030B

Test(s): 8260B

Laboratory Control Spike **Water** **QC Batch # 2004/04/08-1A.64**

LCS 2004/04/08-1A.64-015 Extracted: 04/08/2004 Analyzed: 04/08/2004 08:15
LCSD 2004/04/08-1A.64-037 Extracted: 04/08/2004 Analyzed: 04/08/2004 08:37

Compound	Conc. ug/L		Exp.Conc.	Recovery %		RPD	Ctrl.Limits %		Flags	
	LCS	LCSD		LCS	LCSD	%	Rec.	RPD	LCS	LCSD
Methyl tert-butyl ether (MTBE)	21.8	22.6	25	87.2	90.4	3.6	65-165	20		
Benzene	23.3	23.6	25	93.2	94.4	1.3	69-129	20		
Toluene	23.7	24.1	25	94.8	96.4	1.7	70-130	20		
Surrogates(s)										
1,2-Dichloroethane-d4	432	432	500	86.4	86.4		76-130			
Toluene-d8	482	484	500	96.4	96.8		78-115			

Gas/BTEX/MTBE by 8260B (C6-C12)

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Site: 285 Hegenberger Rd., Oakland

Legend and Notes

Analysis Flag

O

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

SEVERN TRENT STL

Submission #: 2004-04-0083

Gas/BTEX/MTBE by 8260B (C6-C12)

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Project: 040401-MD1
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Received: 04/02/2004 13:47

Site: 285 Hegenberger Rd., Oakland

Samples Reported

Sample Name	Date Sampled	Matrix	Lab #
MW-1	04/01/2004 13:45	Water	1
MW-2	04/01/2004 13:15	Water	2
MW-3	04/01/2004 12:50	Water	3
MW-4	04/01/2004 13:03	Water	4
MW-6	04/01/2004 13:30	Water	5
MW-8	04/01/2004 12:28	Water	6
MW-11	04/01/2004 09:30	Water	9
MW-12	04/01/2004 10:25	Water	10
MW-13	04/01/2004 10:00	Water	11
VEW-5	04/01/2004 13:15	Water	12
AS-1	04/01/2004 12:50	Water	13
VEW-6	04/01/2004 14:10	Water	14
AS-2	04/01/2004 13:40	Water	15
VEW-7	04/01/2004 14:50	Water	16
AS-3	04/01/2004 14:25	Water	17

Gas/BTEX/MTBE by 8260B (C6-C12)

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Project: 040401-MD1
98995749

Received: 04/02/2004 13:47

Site: 285 Hegenberger Rd., Oakland

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

Sample ID: **MW-1**
Lab ID: 2004-04-0083 - 1

Sampled: 04/01/2004 13:45
Extracted: 4/8/2004 18:44

Matrix: Water
QC Batch#: 2004/04/08-2A.68

Analysis Flag: o (See Legend and Note Section)

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Gasoline	10000	1000	ug/L	20.00	04/08/2004 18:44	
Benzene	1500	10	ug/L	20.00	04/08/2004 18:44	
Toluene	28	10	ug/L	20.00	04/08/2004 18:44	
Ethylbenzene	330	10	ug/L	20.00	04/08/2004 18:44	
Total xylenes	59	20	ug/L	20.00	04/08/2004 18:44	
Methyl tert-butyl ether (MTBE)	630	10	ug/L	20.00	04/08/2004 18:44	
Surrogate(s)						
1,2-Dichloroethane-d4	95.4	76-130	%	20.00	04/08/2004 18:44	
Toluene-d8	90.5	78-115	%	20.00	04/08/2004 18:44	

Gas/BTEX/MTBE by 8260B (C6-C12)

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Project: 040401-MD1
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Received: 04/02/2004 13:47

Site: 285 Hegenberger Rd., Oakland

Prep(s): 5030B
Sample ID: **MW-2**
Sampled: 04/01/2004 13:15
Matrix: Water

Test(s): 8260B
Lab ID: 2004-04-0083 - 2
Extracted: 4/8/2004 19:03
QC Batch#: 2004/04/08-2A.68

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Gasoline	450	50	ug/L	1.00	04/08/2004 19:03	g
Benzene	ND	0.50	ug/L	1.00	04/08/2004 19:03	
Toluene	ND	0.50	ug/L	1.00	04/08/2004 19:03	
Ethylbenzene	ND	0.50	ug/L	1.00	04/08/2004 19:03	
Total xylenes	ND	1.0	ug/L	1.00	04/08/2004 19:03	
Methyl tert-butyl ether (MTBE)	1.6	0.50	ug/L	1.00	04/08/2004 19:03	
Surrogate(s)						
1,2-Dichloroethane-d4	89.4	76-130	%	1.00	04/08/2004 19:03	
Toluene-d8	93.0	78-115	%	1.00	04/08/2004 19:03	

Gas/BTEX/MTBE by 8260B (C6-C12)

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Received: 04/02/2004 13:47

Site: 285 Hegenberger Rd., Oakland

Prep(s):	5030B	Test(s):	8260B
Sample ID:	**MW-3**	Lab ID:	2004-04-0083 - 3
Sampled:	04/01/2004 12:50	Extracted:	4/8/2004 19:22
Matrix:	Water	QC Batch#:	2004/04/08-2A.68

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Gasoline	ND	50	ug/L	1.00	04/08/2004 19:22	
Benzene	ND	0.50	ug/L	1.00	04/08/2004 19:22	
Toluene	ND	0.50	ug/L	1.00	04/08/2004 19:22	
Ethylbenzene	ND	0.50	ug/L	1.00	04/08/2004 19:22	
Total xylenes	ND	1.0	ug/L	1.00	04/08/2004 19:22	
Methyl tert-butyl ether (MTBE)	4.2	0.50	ug/L	1.00	04/08/2004 19:22	
Surrogate(s)						
1,2-Dichloroethane-d4	95.4	76-130	%	1.00	04/08/2004 19:22	
Toluene-d8	91.5	78-115	%	1.00	04/08/2004 19:22	

Gas/BTEX/MTBE by 8260B (C6-C12)

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Project: 040401-MD1
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Received: 04/02/2004 13:47

Site: 285 Hegenberger Rd., Oakland

Prep(s): 5030B
Sample ID: **MW-4**
Sampled: 04/01/2004 13:03
Matrix: Water

Test(s): 8260B
Lab ID: 2004-04-0083 - 4
Extracted: 4/8/2004 19:41
QC Batch#: 2004/04/08-2A.68

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Gasoline	ND	50	ug/L	1.00	04/08/2004 19:41	
Benzene	ND	0.50	ug/L	1.00	04/08/2004 19:41	
Toluene	ND	0.50	ug/L	1.00	04/08/2004 19:41	
Ethylbenzene	ND	0.50	ug/L	1.00	04/08/2004 19:41	
Total xylenes	ND	1.0	ug/L	1.00	04/08/2004 19:41	
Methyl tert-butyl ether (MTBE)	3.0	0.50	ug/L	1.00	04/08/2004 19:41	
Surrogate(s)						
1,2-Dichloroethane-d4	91.8	76-130	%	1.00	04/08/2004 19:41	
Toluene-d8	92.7	78-115	%	1.00	04/08/2004 19:41	

Gas/BTEX/MTBE by 8260B (C6-C12)

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Received: 04/02/2004 13:47

Site: 285 Hegenberger Rd., Oakland

Prep(s): 5030B
Sample ID: **MW-6**
Sampled: 04/01/2004 13:30
Matrix: Water

Test(s): 8260B
Lab ID: 2004-04-0083 - 5
Extracted: 4/8/2004 20:00
QC Batch#: 2004/04/08-2A.68

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Gasoline	650	50	ug/L	1.00	04/08/2004 20:00	
Benzene	ND	0.50	ug/L	1.00	04/08/2004 20:00	
Toluene	ND	0.50	ug/L	1.00	04/08/2004 20:00	
Ethylbenzene	0.54	0.50	ug/L	1.00	04/08/2004 20:00	
Total xylenes	ND	1.0	ug/L	1.00	04/08/2004 20:00	
Methyl tert-butyl ether (MTBE)	130	0.50	ug/L	1.00	04/08/2004 20:00	
Surrogate(s)						
1,2-Dichloroethane-d4	95.4	76-130	%	1.00	04/08/2004 20:00	
Toluene-d8	93.9	78-115	%	1.00	04/08/2004 20:00	

Gas/BTEX/MTBE by 8260B (C6-C12)

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Received: 04/02/2004 13:47

Site: 285 Hegenberger Rd., Oakland

Prep(s): 5030B
Sample ID: **MW-8**
Sampled: 04/01/2004 12:28
Matrix: Water

Test(s): 8260B
Lab ID: 2004-04-0083 - 6
Extracted: 4/8/2004 20:19
QC Batch#: 2004/04/08-2A.68

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Gasoline	ND	50	ug/L	1.00	04/08/2004 20:19	
Benzene	ND	0.50	ug/L	1.00	04/08/2004 20:19	
Toluene	ND	0.50	ug/L	1.00	04/08/2004 20:19	
Ethylbenzene	ND	0.50	ug/L	1.00	04/08/2004 20:19	
Total xylenes	ND	1.0	ug/L	1.00	04/08/2004 20:19	
Methyl tert-butyl ether (MTBE)	ND	0.50	ug/L	1.00	04/08/2004 20:19	
Surrogate(s)						
1,2-Dichloroethane-d4	88.2	76-130	%	1.00	04/08/2004 20:19	
Toluene-d8	91.3	78-115	%	1.00	04/08/2004 20:19	

Gas/BTEX/MTBE by 8260B (C6-C12)

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Received: 04/02/2004 13:47

Site: 285 Hegenberger Rd., Oakland

Prep(s): 5030B
Sample ID: **MW-11**
Sampled: 04/01/2004 09:30
Matrix: Water

Test(s): 8260B
Lab ID: 2004-04-0083 - 9
Extracted: 4/8/2004 21:16
QC Batch#: 2004/04/08-2A.68

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Gasoline	ND	50	ug/L	1.00	04/08/2004 21:16	
Benzene	ND	0.50	ug/L	1.00	04/08/2004 21:16	
Toluene	ND	0.50	ug/L	1.00	04/08/2004 21:16	
Ethylbenzene	ND	0.50	ug/L	1.00	04/08/2004 21:16	
Total xylenes	ND	1.0	ug/L	1.00	04/08/2004 21:16	
Methyl tert-butyl ether (MTBE)	ND	0.50	ug/L	1.00	04/08/2004 21:16	
Surrogate(s)						
1,2-Dichloroethane-d4	99.8	76-130	%	1.00	04/08/2004 21:16	
Toluene-d8	93.2	78-115	%	1.00	04/08/2004 21:16	

Gas/BTEX/MTBE by 8260B (C6-C12)

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Received: 04/02/2004 13:47

Site: 285 Hegenberger Rd., Oakland

Prep(s): 5030B
Sample ID: **MW-12**
Sampled: 04/01/2004 10:25
Matrix: Water

Test(s): 8260B
Lab ID: 2004-04-0083 - 10
Extracted: 4/8/2004 21:35
QC Batch#: 2004/04/08-2A.68

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Gasoline	ND	50	ug/L	1.00	04/08/2004 21:35	
Benzene	ND	0.50	ug/L	1.00	04/08/2004 21:35	
Toluene	ND	0.50	ug/L	1.00	04/08/2004 21:35	
Ethylbenzene	ND	0.50	ug/L	1.00	04/08/2004 21:35	
Total xylenes	ND	1.0	ug/L	1.00	04/08/2004 21:35	
Methyl tert-butyl ether (MTBE)	ND	0.50	ug/L	1.00	04/08/2004 21:35	
Surrogate(s)						
1,2-Dichloroethane-d4	91.3	76-130	%	1.00	04/08/2004 21:35	
Toluene-d8	92.2	78-115	%	1.00	04/08/2004 21:35	

Gas/BTEX/MTBE by 8260B (C6-C12)

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Received: 04/02/2004 13:47

Site: 285 Hegenberger Rd., Oakland

Prep(s): 5030B
Sample ID: **MW-13**
Sampled: 04/01/2004 10:00
Matrix: Water

Test(s): 8260B
Lab ID: 2004-04-0083 - 11
Extracted: 4/8/2004 21:54
QC Batch#: 2004/04/08-2A.68

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Gasoline	ND	50	ug/L	1.00	04/08/2004 21:54	
Benzene	ND	0.50	ug/L	1.00	04/08/2004 21:54	
Toluene	ND	0.50	ug/L	1.00	04/08/2004 21:54	
Ethylbenzene	ND	0.50	ug/L	1.00	04/08/2004 21:54	
Total xylenes	ND	1.0	ug/L	1.00	04/08/2004 21:54	
Methyl tert-butyl ether (MTBE)	ND	0.50	ug/L	1.00	04/08/2004 21:54	
Surrogate(s)						
1,2-Dichloroethane-d4	94.8	76-130	%	1.00	04/08/2004 21:54	
Toluene-d8	91.3	78-115	%	1.00	04/08/2004 21:54	

Gas/BTEX/MTBE by 8260B (C6-C12)

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Project: 040401-MD1
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Received: 04/02/2004 13:47

Site: 285 Hegenberger Rd., Oakland

Prep(s): 5030B
Test(s): 8260B
Sample ID: **VEW-5**
Lab ID: 2004-04-0083 - 12
Sampled: 04/01/2004 13:15
Extracted: 4/8/2004 22:13
Matrix: Water
QC Batch#: 2004/04/08-2A.68
Analysis Flag: o (See Legend and Note Section)

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Gasoline	2800	250	ug/L	5.00	04/08/2004 22:13	
Benzene	520	2.5	ug/L	5.00	04/08/2004 22:13	
Toluene	23	2.5	ug/L	5.00	04/08/2004 22:13	
Ethylbenzene	260	2.5	ug/L	5.00	04/08/2004 22:13	
Total xylenes	290	5.0	ug/L	5.00	04/08/2004 22:13	
Methyl tert-butyl ether (MTBE)	55	2.5	ug/L	5.00	04/08/2004 22:13	
Surrogate(s)						
1,2-Dichloroethane-d4	104.2	76-130	%	5.00	04/08/2004 22:13	
Toluene-d8	95.9	78-115	%	5.00	04/08/2004 22:13	

Gas/BTEX/MTBE by 8260B (C6-C12)

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Received: 04/02/2004 13:47

Site: 285 Hegenberger Rd., Oakland

Prep(s): 5030B
Sample ID: **AS-1**
Sampled: 04/01/2004 12:50
Matrix: Water

Test(s): 8260B
Lab ID: 2004-04-0083 - 13
Extracted: 4/8/2004 22:32
QC Batch#: 2004/04/08-2A.68

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Gasoline	ND	50	ug/L	1.00	04/08/2004 22:32	
Benzene	0.79	0.50	ug/L	1.00	04/08/2004 22:32	
Toluene	ND	0.50	ug/L	1.00	04/08/2004 22:32	
Ethylbenzene	ND	0.50	ug/L	1.00	04/08/2004 22:32	
Total xylenes	ND	1.0	ug/L	1.00	04/08/2004 22:32	
Methyl tert-butyl ether (MTBE)	3.2	0.50	ug/L	1.00	04/08/2004 22:32	
Surrogate(s)						
1,2-Dichloroethane-d4	99.0	76-130	%	1.00	04/08/2004 22:32	
Toluene-d8	93.2	78-115	%	1.00	04/08/2004 22:32	

Gas/BTEX/MTBE by 8260B (C6-C12)

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Project: 040401-MD1
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Received: 04/02/2004 13:47

Site: 285 Hegenberger Rd., Oakland

Prep(s): 5030B
Sample ID: **VEW-6**
Sampled: 04/01/2004 14:10
Matrix: Water

Test(s): 8260B
Lab ID: 2004-04-0083 - 14
Extracted: 4/8/2004 22:51
QC Batch#: 2004/04/08-2A.68

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Gasoline	450	50	ug/L	1.00	04/08/2004 22:51	
Benzene	44	0.50	ug/L	1.00	04/08/2004 22:51	
Toluene	1.6	0.50	ug/L	1.00	04/08/2004 22:51	
Ethylbenzene	23	0.50	ug/L	1.00	04/08/2004 22:51	
Total xylenes	24	1.0	ug/L	1.00	04/08/2004 22:51	
Methyl tert-butyl ether (MTBE)	180	0.50	ug/L	1.00	04/08/2004 22:51	
Surrogate(s)						
1,2-Dichloroethane-d4	99.3	76-130	%	1.00	04/08/2004 22:51	
Toluene-d8	93.6	78-115	%	1.00	04/08/2004 22:51	

Gas/BTEX/MTBE by 8260B (C6-C12)

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Project: 040401-MD1
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Received: 04/02/2004 13:47

Site: 285 Hegenberger Rd., Oakland

Prep(s):	5030B	Test(s):	8260B
Sample ID:	**AS-2**	Lab ID:	2004-04-0083 - 15
Sampled:	04/01/2004 13:40	Extracted:	4/8/2004 23:10
Matrix:	Water	QC Batch#:	2004/04/08-2A.68

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Gasoline	200	50	ug/L	1.00	04/08/2004 23:10	
Benzene	0.87	0.50	ug/L	1.00	04/08/2004 23:10	
Toluene	ND	0.50	ug/L	1.00	04/08/2004 23:10	
Ethylbenzene	17	0.50	ug/L	1.00	04/08/2004 23:10	
Total xylenes	ND	1.0	ug/L	1.00	04/08/2004 23:10	
Methyl tert-butyl ether (MTBE)	18	0.50	ug/L	1.00	04/08/2004 23:10	
Surrogate(s)						
1,2-Dichloroethane-d4	102.1	76-130	%	1.00	04/08/2004 23:10	
Toluene-d8	93.5	78-115	%	1.00	04/08/2004 23:10	

Gas/BTEX/MTBE by 8260B (C6-C12)

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Project: 040401-MD1
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Received: 04/02/2004 13:47

Site: 285 Hegenberger Rd., Oakland

Prep(s): 5030B
Test(s): 8260B
Sample ID: **VEW-7**
Lab ID: 2004-04-0083 - 16
Sampled: 04/01/2004 14:50
Extracted: 4/8/2004 23:29
Matrix: Water
QC Batch#: 2004/04/08-2A.68
Analysis Flag: o (See Legend and Note Section)

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Gasoline	4700	500	ug/L	10.00	04/08/2004 23:29	
Benzene	100	5.0	ug/L	10.00	04/08/2004 23:29	
Toluene	42	5.0	ug/L	10.00	04/08/2004 23:29	
Ethylbenzene	240	5.0	ug/L	10.00	04/08/2004 23:29	
Total xylenes	680	10	ug/L	10.00	04/08/2004 23:29	
Methyl tert-butyl ether (MTBE)	830	5.0	ug/L	10.00	04/08/2004 23:29	
Surrogate(s)						
1,2-Dichloroethane-d4	106.7	76-130	%	10.00	04/08/2004 23:29	
Toluene-d8	93.8	78-115	%	10.00	04/08/2004 23:29	

Gas/BTEX/MTBE by 8260B (C6-C12)

Blaine Tech Services, Inc.

Attn.: Leon Gearhart

1680 Rogers Avenue
San Jose, CA 95112-1105
Phone: (408) 573-0555 Fax: (408) 573-7771

Project: 040401-MD1
98995749

Received: 04/02/2004 13:47

Site: 285 Hegenberger Rd., Oakland

Prep(s): 5030B
Sample ID: **AS-3**
Sampled: 04/01/2004 14:25
Matrix: Water

Test(s): 8260B
Lab ID: 2004-04-0083 - 17
Extracted: 4/8/2004 23:48
QC Batch#: 2004/04/08-2A.68

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Gasoline	ND	50	ug/L	1.00	04/08/2004 23:48	
Benzene	ND	0.50	ug/L	1.00	04/08/2004 23:48	
Toluene	ND	0.50	ug/L	1.00	04/08/2004 23:48	
Ethylbenzene	ND	0.50	ug/L	1.00	04/08/2004 23:48	
Total xylenes	ND	1.0	ug/L	1.00	04/08/2004 23:48	
Methyl tert-butyl ether (MTBE)	2.8	0.50	ug/L	1.00	04/08/2004 23:48	
Surrogate(s)						
1,2-Dichloroethane-d4	100.0	76-130	%	1.00	04/08/2004 23:48	
Toluene-d8	93.4	78-115	%	1.00	04/08/2004 23:48	

Gas/BTEX/MTBE by 8260B (C6-C12)

Blaine Tech Services, Inc.
Attn.: Leon Gearhart

1680 Rogers Avenue
San Jose, CA 95112-1105
Phone: (408) 573-0555 Fax: (408) 573-7771

Project: 040401-MD1
98995749

Received: 04/02/2004 13:47

Site: 285 Hegenberger Rd., Oakland

Batch QC Report

Prep(s): 5030B — Test(s): 8260B

Method Blank — **Water** — **QC Batch # 2004/04/08-2A.68**

MB: 2004/04/08-2A.68-053 — Date Extracted: 04/08/2004 17:53

Compound	Conc.	RL	Unit	Analyzed	Flag
Gasoline	ND	50	ug/L	04/08/2004 17:53	
Benzene	ND	0.5	ug/L	04/08/2004 17:53	
Toluene	ND	0.5	ug/L	04/08/2004 17:53	
Ethylbenzene	ND	0.5	ug/L	04/08/2004 17:53	
Total xylenes	ND	1.0	ug/L	04/08/2004 17:53	
Methyl tert-butyl ether (MTBE)	ND	0.5	ug/L	04/08/2004 17:53	
Surrogates(s)					
1,2-Dichloroethane-d4	94.0	76-130	%	04/08/2004 17:53	
Toluene-d8	93.6	78-115	%	04/08/2004 17:53	

Gas/BTEX/MTBE by 8260B (C6-C12)

Blaine Tech Services, Inc.

Attn.: Leon Gearhart

1680 Rogers Avenue
San Jose, CA 95112-1105
Phone: (408) 573-0555 Fax: (408) 573-7771

Project: 040401-MD1
98995749

Received: 04/02/2004 13:47

Site: 285 Hegenberger Rd., Oakland

Batch QC Report

Prep(s): 5030B

Test(s): 8260B

Laboratory Control Spike **Water** **QC Batch # 2004/04/08-2A.68**

LCS 2004/04/08-2A.68-015 Extracted: 04/08/2004 Analyzed: 04/08/2004 17:15

LCSD 2004/04/08-2A.68-034 Extracted: 04/08/2004 Analyzed: 04/08/2004 17:34

Compound	Conc. ug/L		Exp.Conc.	Recovery %		RPD	Ctrl.Limits %		Flags	
	LCS	LCSD		LCS	LCSD	%	Rec.	RPD	LCS	LCSD
Benzene	19.8	21.2	25	79.2	84.8	6.8	69-129	20		
Toluene	21.1	22.6	25	84.4	90.4	6.9	70-130	20		
Methyl tert-butyl ether (MTBE)	22.4	23.5	25	89.6	94.0	4.8	65-165	20		
Surrogates(s)										
1,2-Dichloroethane-d4	457	437	500	91.4	87.4		76-130			
Toluene-d8	461	442	500	92.2	88.4		78-115			

SEVERN TRENT STL

Submission #: 2004-04-0083

Gas/BTEX/MTBE by 8260B (C6-C12)

Blaine Tech Services, Inc.
Attn.: Leon Gearhart

1680 Rogers Avenue
San Jose, CA 95112-1105
Phone: (408) 573-0555 Fax: (408) 573-7771

Project: 040401-MD1
98995749

Received: 04/02/2004 13:47

Site: 285 Hegenberger Rd., Oakland

Batch QC Report

Prep(s): 5030B

Test(s): 8260B

Matrix Spike (MS / MSD) **Water** **QC Batch # 2004/04/08-2A.68**

MW-8 >> MS

Lab ID: 2004-04-0083 - 006

MS: 2004/04/08-2A.68-038 Extracted: 04/08/2004 Analyzed: 04/08/2004 20:38

Dilution: 1.00

MSD: 2004/04/08-2A.68-057 Extracted: 04/08/2004 Analyzed: 04/08/2004 20:57

Dilution: 1.00

Compound	Conc. ug/L			Spk.Level	Recovery %			Limits %		Flags	
	MS	MSD	Sample	ug/L	MS	MSD	RPD	Rec.	RPD	MS	MSD
Benzene	23.0	23.4	ND	25	92.0	93.6	1.7	69-129	20		
Toluene	23.8	24.2	ND	25	95.2	96.8	1.7	70-130	20		
Methyl tert-butyl ether	25.7	24.0	ND	25	102.8	96.0	6.8	65-165	20		
Surrogate(s)											
1,2-Dichloroethane-d4	463	448		500	92.6	89.6		76-130			
Toluene-d8	455	474		500	91.0	94.8		78-115			

Gas/BTEX/MTBE by 8260B (C6-C12)

Blaine Tech Services, Inc.
Attn.: Leon Gearhart

1680 Rogers Avenue
San Jose, CA 95112-1105
Phone: (408) 573-0555 Fax: (408) 573-7771

Project: 040401-MD1
98995749

Received: 04/02/2004 13:47

Site: 285 Hegenberger Rd., Oakland

Legend and Notes

Analysis Flag

o

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

Result Flag

g

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

LAB: STL

Lab location (if necessary):

Address:

City, State, Zip:

SHELL Chain Of Custody Record

84463

Shell Project Manager to be invoiced: Karen Petryna

☑ SCIENCE & ENGINEERING ☐ TECHNICAL SERVICES ☐ CRMT HOUSTON

2004.04.0083

INCIDENT NUMBER (S&E ONLY): 9 8 9 9 5 7 4 9

SAP or CRMT NUMBER (TS/CRMT):

DATE: 4/1/04

PAGE: 1 of 2

CONSULTING COMPANY	CONTACT
Blaine Tech Services	BTSS

ADDRESS	SITE ADDRESS (Street and City)	GLOBAL ID NO.
1680 Rogers Avenue, San Jose, CA 95112	285 Hegenberger Road, Oakland	T0600101245

CONSULTANT PROJECT MGR. (Last, First)	COPY TO DELIVERABLE TO (Responsible Party or Designee)	PHONE NO.	E-MAIL	CONSULTANT PROJECT NO.
Leon Gearhart	Anni Kreml	510-420-3335	akreml@cambria-env.com	BTS # 040401-MD1

TELEPHONE	FAX	E-MAIL	SAMPLER NAME(S) (Printed)
408-573-0555	408-573-7771	lgearhart@blainetech.com	John DeJong

LAB USE ONLY

TURNAROUND TIME (BUSINESS DAYS): ☑ 10 DAYS ☐ 5 DAYS ☐ 72 HOURS ☐ 48 HOURS ☐ 24 HOURS ☐ LESS THAN 24 HOURS

☐ LA - RWQCB REPORT FORMAT ☐ UST AGENCY:

GOAMS MTBE CONFIRMATION: HIGHEST _____ HIGHEST per BORING _____ ALL _____

SPECIAL INSTRUCTIONS OR NOTES: CHECK BOX IF EDD IS NOT NEEDED ☐

REQUESTED ANALYSIS

LAB USE ONLY	Field Sample Identification	SAMPLING DATE	SAMPLING TIME	MATRIX	NO. OF CONT.	TPH - Gas, Purgeable	BTEX	MTBE (8021B - 5ppb RL)	MTBE (8260B - 0.5ppb RL)	Oxygenates (5) by (8260B)	Ethanol (8260B)	Methanol	1,2-DCA (8260B)	EDB (8260B)	TPH - Diesel, Extractable (8015m)		TPH-Motor Oil	Nitrate	Sulfate	Ferrous Iron	MTBE (8260B) Confirmation, See Note		
2	MW-1	4/1/04	1345	W	3	✓	✓		✓						✓		✓						
2	MW-2		1315		3	✓	✓		✓						✓		✓						
2	MW-3		1250		3	✓	✓		✓						✓		✓						
2	MW-4		1303		3	✓	✓		✓						✓		✓						
2	MW-6		1330		3	✓	✓		✓						✓		✓						
2	MW-8		1228		3	✓	✓		✓						✓		✓						
2	MW-9		1400		3	✓	✓		✓						✓		✓						
2	MW-10		1417		3	✓	✓		✓						✓		✓						
2	MW-11		0930		3	✓	✓		✓						✓		✓						
2	MW-12	↓	1025	↓	3	✓	✓		✓						✓		✓						

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

2.0°C

TEMPERATURE ON RECEIPT C°

Relinquished by: (Signature)	Received by: (Signature)	Date	Time
[signature]	[signature]	4/2/04	847
Relinquished by: (Signature)	Received by: (Signature)	Date	Time
4/2/04 1723	[signature]	4/2/04	1723
Relinquished by: (Signature)	Received by: (Signature)	Date	Time

Yellow to File, White and Pink to Client

OSO Graphic (714) 898-9702

LAB: STL

84463

SHELL Chain Of Custody Record

Lab Identification (if necessary):

Address:

City, State, Zip:

Shell Project Manager to be invoiced:

Karen Petryna

☒ SCIENCE & ENGINEERING ☐ TECHNICAL SERVICES ☐ CRMT HOUSTON

2004-04-0083

INCIDENT NUMBER (S&E ONLY): 9 8 9 9 5 7 4 9

SAP or CRMT NUMBER (TS/CRMT):

DATE: 4/1/04

PAGE: 2 of 2

CONSULTANT/CONTRACTOR: Blaine Tech Services	LAB CODE: BTSS	SITE ADDRESS (Street and City): 285 Hegenberger Road, Oakland	GLOBAL ID NO.: T0600101245
ADDRESS: 1680 Rogers Avenue, San Jose, CA 95112			
PROJECT CONTACT (Person to receive report): Leon Gearhart		RESPONSIBLE TO (Responsible Party or Designate): Anni Kreml	PHONE NO.: 510-420-3335
TELEPHONE: 408-573-0555	FAX: 408-573-7771	E-MAIL: lgearhart@blainetech.com	E-MAIL: akreml@cambria-env.com
SAMPLER NAME(S) (Print): John DeJong			SYSTEM/TASK PROJECT NO.: 040401-MD1 BTS #

TURNAROUND TIME (BUSINESS DAYS): ☒ 10 DAYS ☐ 5 DAYS ☐ 72 HOURS ☐ 48 HOURS ☐ 24 HOURS ☐ LESS THAN 24 HOURS

☐ LA - RWQCB REPORT FORMAT ☐ UST AGENCY:

GCAMS MTBE CONFIRMATION: HIGHEST _____ HIGHEST per BORING _____ ALL _____

SPECIAL INSTRUCTIONS OR NOTES: CHECK BOX IF EDD IS NOT NEEDED ☐

CAB USE ONLY

REQUESTED ANALYSIS

LAB USE ONLY	Field Sample Identification	SAMPLING DATE	SAMPLING TIME	MATRIX	NO. OF CONT.	TPH - Gas, Purgeable	BTEX	MTBE (8021B - 5ppb RL)	MTBE (8260B - 0.5ppb RL)	Oxygenates (5) by (8260B)	Ethanol (8260B)	Methanol	1,2-DCA (8260B)	EDB (8260B)		TPH - Diesel, Extractable (8015m)		TPH-Motor Oil	Nitrate	Sulfate	Ferrous Iron		MTBE (8260B) Confirmation, See Note			FIELD NOTES: Container/Preservative or PID Readings or Laboratory Notes
	MW-3	4/1/04	1000	GW	8	✓	✓		✓							✓		✓								TEMPERATURE ON RECEIPT C°
	VEW-5		1315		8	✓	✓		✓							✓		✓								
	AS-1		1250		8	✓	✓		✓							✓		✓								
	VEW-6		1410		8	✓	✓		✓							✓		✓								
	AS-2		1340		8	✓	✓		✓							✓		✓								
	VEW-7		1450		8	✓	✓		✓							✓		✓								
	AS-3		1425		8	✓	✓		✓							✓		✓								

Relinquished by (Signature):	Received by (Signature):	Date: 4/2/04	Time: 1347
Relinquished by (Signature): 4/2/04 1723	Received by (Signature):	Date: 4/2/04	Time: 1723
Relinquished by (Signature):	Received by (Signature):	Date:	Time:

DISTRIBUTION: White with final report, Green to File, Yellow and Pink to Client

Revised 07/01

WELL GAUGING DATA

Project # 040401-AW1 Date 4/1/04 Client Shell

Site 285 Hegenberger Rd, Oakland

Well ID	Well Size (in.)	Sheen / Odor	Depth to Immiscible Liquid (ft.)	Thickness of Immiscible Liquid (ft.)	Volume of Immiscibles Removed (ml)	Depth to water (ft.)	Depth to well bottom (ft.)	Survey Point: TOB or TOC	
MW-1	4	Odor				3.06	9.64		
MW-2	4					3.71	9.59		
MW-3	4					4.24	9.83		
MW-4	4					4.43	10.11		
MW-6	4					4.28	10.97		
MW-8	4					3.83	9.88		
MW-9	4	odor				4.24	10.73		
MW-10	4	odor/sheen				4.12	10.01		
MW-11	4					7.55	13.86		
MW-12	4					5.04	14.69		
MW-13	4					5.09	14.35		
VEW-5	4					2.77	9.45		
AS-1	1					5.86	14.69		
VEW-6	4					2.87	10.00		
AS-2	1					6.15	14.95		
VEW-7	4					2.99	9.68		
AS-3	1					6.32	14.85		

SHELL WELL MONITORING DATA SHEET

BTS #: 040401-MD1	Site: 98995749
Sampler: John D. / Pete C.	Date: 4/1/04
Well I.D.: MW-1	Well Diameter: 2 3 (4) 6 8 ___
Total Well Depth (TD): 964	Depth to Water (DTW): 3.06
Depth to Free Product:	Thickness of Free Product (feet):
Referenced to: (PVC) Grade	D.O. Meter (if req'd): YSI HACH
DTW with 80% Recharge [(Height of Water Column x 0.20) + DTW]: 4.38	

Purge Method: Bailer, Disposable Bailer, Positive Air Displacement, (Electric Submersible), Waterra, Peristaltic, Extraction Pump, Other_____

Sampling Method: (Bailer), Disposable Bailer, Extraction Port, Dedicated Tubing, Other:_____

4.3 (Gals.) X 3 = 12.9 Gals.
1 Case Volume | Specified Volumes | Calculated Volume

Well Diameter	Multiplier	Well Diameter	Multiplier
1"	0.04	4"	0.65
2"	0.16	6"	1.47
3"	0.37	Other	radius² * 0.163

Time	Temp (°F)	pH	Cond. (mS or (µS))	Turbidity (NTUs)	Gals. Removed	Observations
1137	66.1	6.7	.1714	13	4.5	cloudy, odor, clear
		well	dewatered @		5.5	DTW = 7.41
1345	68.3	6.6	1,428	55	5.5	clear-yellow, odor

Did well dewater? (Yes) No Gallons actually evacuated: 5.5

Sampling Date: 4/1/04 Sampling Time: 1345 Depth to Water: 2.93

Sample I.D.: MW-1 Laboratory: (STL) Other_____

Analyzed for: (TPH-G) (BTEX) (MTBE) (TPH-D) Other: motor oil

EB I.D. (if applicable): @ Time Duplicate I.D. (if applicable):

Analyzed for: TPH-G BTEX MTBE TPH-D Other:

D.O. (if req'd):	Pre-purge:	mg/L	Post-purge:	mg/L
O.R.P. (if req'd):	Pre-purge:	mV	Post-purge:	mV

SHELL WELL MONITORING DATA SHEET

BTS #: 040401-MD1	Site: 98995749
Sampler: John D. / Pete C.	Date: 4/1/04
Well I.D.: MW-2	Well Diameter: 2 3 (4) 6 8 ____
Total Well Depth (TD): 9.59	Depth to Water (DTW): 3.71
Depth to Free Product:	Thickness of Free Product (feet):
Referenced to: (PVC) Grade	D.O. Meter (if req'd): YSI HACH
DTW with 80% Recharge [(Height of Water Column x 0.20) + DTW]: 4.89	

Purge Method: Bailer; Disposable Bailer; Positive Air Displacement; (Electric Submersible); Waterra; Peristaltic; Extraction Pump; Other_____

Sampling Method: (Bailer); Disposable Bailer; Extraction Port; Dedicated Tubing; Other: _____

3.8 (Gals.) X 3 = 11.4 Gals.
1 Case Volume; Specified Volumes; Calculated Volume

Well Diameter	Multiplier	Well Diameter	Multiplier
1"	0.04	4"	0.65
2"	0.16	6"	1.47
3"	0.37	Other	radius² * 0.163

Time	Temp (°F)	pH	Cond. (mS or (µS))	Turbidity (NTUs)	Gals. Removed	Observations
1121	66.1	6.8	885	21	9	clear, odor
	well dewatered @				6	DTW=6.98
1315	67.3	6.7	899	28	6	clear, no odor

Did well dewater? (Yes) No Gallons actually evacuated: 6

Sampling Date: 4/1/04 Sampling Time: 1315 Depth to Water: 3.66

Sample I.D.: MW-2 Laboratory: (STL) Other_____

Analyzed for: (TPH-G) (BTEX) (MTBE) (TPH-D) Other: MTBE 8021

EB I.D. (if applicable): @ Time Duplicate I.D. (if applicable):

Analyzed for: TPH-G BTEX MTBE TPH-D Other:

D.O. (if req'd):	Pre-purge:	mg/L	Post-purge:	mg/L
O.R.P. (if req'd):	Pre-purge:	mV	Post-purge:	mV

SHELL WELL MONITORING DATA SHEET

BTS #: 040401-MD1	Site: 98995749
Sampler: John D. / PetroC.	Date: 4/1/04
Well I.D.: MW-3	Well Diameter: 2 3 (4) 6 8 ___
Total Well Depth (TD): 9.83	Depth to Water (DTW): 4.29
Depth to Free Product:	Thickness of Free Product (feet):
Referenced to: (PVC) Grade	D.O. Meter (if req'd): YSI HACH
DTW with 80% Recharge [(Height of Water Column x 0.20) + DTW]: 5.40	

Purge Method: Bailer; Disposable Bailer; Positive Air Displacement; (Electric Submersible); Waterra; Peristaltic; Extraction Pump; Other_____

Sampling Method: (Bailer); ~~Disposable Bailer~~; Extraction Port; Dedicated Tubing; Other:_____

3.6 (Gals.) X	3	=	10.8 Gals.
1 Case Volume	Specified Volumes		Calculated Volume

Well Diameter	Multiplier	Well Diameter	Multiplier
1"	0.04	4"	0.65
2"	0.16	6"	1.47
3"	0.37	Other	radius² * 0.163

Time	Temp (°F)	pH	Cond. (mS or (µS))	Turbidity (NTUs)	Gals. Removed	Observations
1110	66.3	7.1	1016	54	4	clear
		well dewatered @			6	DTW = 7.23
1250	71.1	6.8	548	37	6	clear

Did well dewater? (Yes) No Gallons actually evacuated: 6

Sampling Date: 4/1/04 Sampling Time: 1250 Depth to Water: 4.17

Sample I.D.: MW-3 Laboratory: (STL) Other_____

Analyzed for: (TPH-G) (BTEX) (MTBE) (TPH-D) Other: Nafor oil

EB I.D. (if applicable): @ Time Duplicate I.D. (if applicable):

Analyzed for: TPH-G BTEX MTBE TPH-D Other:

D.O. (if req'd):	Pre-purge:	mg/L	Post-purge:	mg/L
O.R.P. (if req'd):	Pre-purge:	mV	Post-purge:	mV

SHELL WELL MONITORING DATA SHEET

BTS #: 040401-MD1	Site: 98995749
Sampler: John D. / Pete C.	Date: 4/1/04
Well I.D.: MW-4	Well Diameter: 2 3 (4) 6 8 ____
Total Well Depth (TD): 10.11	Depth to Water (DTW): 4.43
Depth to Free Product:	Thickness of Free Product (feet):
Referenced to: (PVC) Grade	D.O. Meter (if req'd): YSI HACH
DTW with 80% Recharge [(Height of Water Column x 0.20) + DTW]: 5.57	

Purge Method: Bailer; Disposable Bailer; Positive Air Displacement; (Electric Submersible); Waterra; Peristaltic; Extraction Pump; Other_____

Sampling Method: (Bailer); Disposable Bailer; Extraction Port; Dedicated Tubing; Other: _____

3.7 (Gals.) X	3	=	11.1 Gals.
1 Case Volume	Specified Volumes		Calculated Volume

Well Diameter	Multiplier	Well Diameter	Multiplier
1"	0.04	4"	0.65
2"	0.16	6"	1.47
3"	0.37	Other	radius² * 0.163

Time	Temp (°F)	pH	Cond. (mS or (µS))	Turbidity (NTUs)	Gals. Removed	Observations
1103	65.4	7.3	1906	12	4	clear
	w/ 4	dewatered	(2)		5	DTW=8.00
1303	66.8	6.8	1,873	55	5	clear-yellow

Did well dewater? (Yes) No Gallons actually evacuated: 5

Sampling Date: 4/1/04 Sampling Time: 1303 Depth to Water: 6.85 @2hours

Sample I.D.: MW-4 Laboratory: (STL) Other_____

Analyzed for: (TPH-G) (BTEX) (MTBE) (TPH-D) Other: Nofar or /

EB I.D. (if applicable): @ Time Duplicate I.D. (if applicable):

Analyzed for: TPH-G BTEX MTBE TPH-D Other:

D.O. (if req'd):	Pre-purge:	mg/L	Post-purge:	mg/L
O.R.P. (if req'd):	Pre-purge:	mV	Post-purge:	mV

SHELL WELL MONITORING DATA SHEET

BTS #: 040401-MD1	Site: 98995749
Sampler: John D. / Pete C.	Date: 4/1/04
Well I.D.: MW-6	Well Diameter: 2 3 (4) 6 8 ___
Total Well Depth (TD): 10.97	Depth to Water (DTW): 4.28
Depth to Free Product:	Thickness of Free Product (feet):
Referenced to: (PVC) Grade	D.O. Meter (if req'd): YSI HACH
DTW with 80% Recharge [(Height of Water Column x 0.20) + DTW]: 5.62	

Purge Method: Bailer, Disposable Bailer, Positive Air Displacement, (Electric Submersible), Waterra, Peristaltic, Extraction Pump, Other_____

Sampling Method: (Bailer), Disposable Bailer, Extraction Port, Dedicated Tubing, Other:_____

4.3 (Gals.) X	3	=	12.9 Gals.
1 Case Volume	Specified Volumes		Calculated Volume

Well Diameter	Multiplier	Well Diameter	Multiplier
1"	0.04	4"	0.65
2"	0.16	6"	1.47
3"	0.37	Other	radius² * 0.163

Time	Temp (°F)	pH	Cond. (mS or (µS))	Turbidity (NTUs)	Gals. Removed	Observations
1030	61.8	6.8	1000	111	4.5	clear/odor
		well dewatered @			6	DTW 9.01
1330	63.3	6.5	976	54	6	clear, odor

Did well dewater? (Yes) No Gallons actually evacuated: 6

Sampling Date: 4/1/04 Sampling Time: 1330 Depth to Water: 4.23

Sample I.D.: MW-6 Laboratory: (STL) Other_____

Analyzed for: (TPH-G) (BTEX) (MTBE) (TPH-D) Other: nafor oil

EB I.D. (if applicable): @ Time Duplicate I.D. (if applicable):

Analyzed for: TPH-G BTEX MTBE TPH-D Other:

D.O. (if req'd):	Pre-purge:	mg/L	Post-purge:	mg/L
O.R.P. (if req'd):	Pre-purge:	mV	Post-purge:	mV

SHELL WELL MONITORING DATA SHEET

BTS #: 040401-MD1	Site: 98995749
Sampler: John D. / PetroC.	Date: 4/1/04
Well I.D.: MW-8	Well Diameter: 2 3 (4) 6 8 ___
Total Well Depth (TD): 9.88	Depth to Water (DTW): 3.83
Depth to Free Product:	Thickness of Free Product (feet): ~~5.04~~
Referenced to: (PVC) Grade	D.O. Meter (if req'd): YSI HACH
DTW with 80% Recharge [(Height of Water Column x 0.20) + DTW]: 5.04	

Purge Method: Bailer; Disposable Bailer; Positive Air Displacement; (Electric Submersible); Waterra Peristaltic; Extraction Pump; Other ___

Sampling Method: (Bailer); Disposable Bailer; Extraction Port; Dedicated Tubing; Other: ___

4 (Gals.) X	3 =	12 Gals.
1 Case Volume	Specified Volumes	Calculated Volume

Well Diameter	Multiplier	Well Diameter	Multiplier
1"	0.04	4"	0.65
2"	0.16	6"	1.47
3"	0.37	Other	radius² * 0.163

Time	Temp (°F)	pH	Cond. (mS or (µS))	Turbidity (NTUs)	Gals. Removed	Observations
1057	66.0	8.0	840	16	4	clear
	well dewatered @				5	@ DTW = 7.61
1228	68.3	6.7	746	35	5	clear

Did well dewater? (Yes) No Gallons actually evacuated: 5

Sampling Date: 4/1/04 Sampling Time: 1228 Depth to Water: 4.25

Sample I.D.: MW-8 Laboratory: (STL) Other ___

Analyzed for: (TPH-G) (BTEX) (MTBE) (TPH-D) Other: nafor oil

EB I.D. (if applicable): @ Time Duplicate I.D. (if applicable):

Analyzed for: TPH-G BTEX MTBE TPH-D Other:

D.O. (if req'd):	Pre-purge:	mg/L	Post-purge:	mg/L
O.R.P. (if req'd):	Pre-purge:	mV	Post-purge:	mV

SHELL WELL MONITORING DATA SHEET

BTS #: 040401-MD1	Site: 98995749
Sampler: John D. / Pete C.	Date: 4/1/04
Well I.D.: MW-9	Well Diameter: 2 3 (4) 6 8 ___
Total Well Depth (TD): 10.73	Depth to Water (DTW): 4.29
Depth to Free Product:	Thickness of Free Product (feet):
Referenced to: (PVC) Grade	D.O. Meter (if req'd): YSI HACH
DTW with 80% Recharge [(Height of Water Column x 0.20) + DTW]: 5.54	

Purge Method: Bailer; Disposable Bailer; Positive Air Displacement; (Electric Submersible); Waterra; Peristaltic; Extraction Pump; Other_____

Sampling Method: (Bailer); Disposable Bailer; Extraction Port; Dedicated Tubing; Other:_____

4.2 (Gals.) X 3 = 12.6 Gals.
1 Case Volume | Specified Volumes | Calculated Volume

Well Diameter	Multiplier	Well Diameter	Multiplier
1"	0.04	4"	0.65
2"	0.16	6"	1.47
3"	0.37	Other	radius² * 0.163

Time	Temp (°F)	pH	Cond. (mS or (µS))	Turbidity (NTUs)	Gals. Removed	Observations
1145	63.8	6.8	3187	12	4.5	Cloudy, orange, odo
	well dewatered			(9)	5.5	DTW=8.51
1400	68.5	6.7	3,177	36	5.5	clear-yellow, odor, leavi
*strong reaction to HCL - NP VOAs used						

Did well dewater? (Yes) No Gallons actually evacuated: 5.5

Sampling Date: 4/1/04 Sampling Time: 1400 Depth to Water: 7.97 @2hours

Sample I.D.: MW-9 Laboratory: (STL) Other_____

Analyzed for: (TPH-G) (BTEX) (MTBE) (TPH-D) Other: Nafor or 1

EB I.D. (if applicable): @ Time Duplicate I.D. (if applicable):

Analyzed for: TPH-G BTEX MTBE TPH-D Other:

D.O. (if req'd):	Pre-purge:	mg/L	Post-purge:	(6.0)	mg/L
O.R.P. (if req'd):	Pre-purge:	mV	Post-purge:		mV

SHELL WELL MONITORING DATA SHEET

BTS #: 040401-MD1	Site: 98995749
Sampler: John D. / Pete C.	Date: 4/1/04
Well I.D.: MW-10	Well Diameter: 2 3 (4) 6 8 ___
Total Well Depth (TD): 10.00	Depth to Water (DTW): 4.12
Depth to Free Product:	Thickness of Free Product (feet):
Referenced to: (PVC) Grade	D.O. Meter (if req'd): YSI HACH
DTW with 80% Recharge [(Height of Water Column x 0.20) + DTW]: 5.30	

Purge Method: Bailer; Disposable Bailer; Positive Air Displacement; (Electric Submersible); Waterra; Peristaltic; Extraction Pump; Other_____

Sampling Method: (Bailer); Disposable Bailer; Extraction Port; Dedicated Tubing; Other:_____

3.8 (Gals.) X	3 =	11.4 Gals.
1 Case Volume	Specified Volumes	Calculated Volume

Well Diameter	Multiplier	Well Diameter	Multiplier
1"	0.04	4"	0.65
2"	0.16	6"	1.47
3"	0.37	Other	radius² * 0.163

Time	Temp (°F)	pH	Cond. (mS or (µS))	Turbidity (NTUs)	Gals. Removed	Observations
1151	66.3	6.9	2922	6	4	clear, odor
		Well dewatered @			5	DTW = 8.10
1417	67.3	6.6	2,912	42	5	clear, yellow, odor

* Strong reaction to HCL - NP Vows used

Did well dewater? (Yes) No Gallons actually evacuated: 5

Sampling Date: 4/1/04 Sampling Time: 1417 Depth to Water: 5.13

Sample I.D.: MW-10 Laboratory: (STL) Other_____

Analyzed for: (TPH-G) (BTEX) (MTBE) (TPH-D) Other: Nafor or /

EB I.D. (if applicable): @ Time Duplicate I.D. (if applicable):

Analyzed for: TPH-G BTEX MTBE TPH-D Other:

D.O. (if req'd):	Pre-purge:	mg/L	Post-purge:	mg/L	
O.R.P. (if req'd):	Pre-purge:	mV	Post-purge:	mV	

SHELL WELL MONITORING DATA SHEET

BTS #: 040401-MD1	Site: 98995749
Sampler: John D. / PetroC.	Date: 4/1/04
Well I.D.: MW-11	Well Diameter: 2 3 (4) 6 8 ____
Total Well Depth (TD): 13.86	Depth to Water (DTW): 7.55
Depth to Free Product:	Thickness of Free Product (feet):
Referenced to: (PVC) Grade	D.O. Meter (if req'd): YSI HACH
DTW with 80% Recharge [(Height of Water Column x 0.20) + DTW]: 8.81	

Purge Method: Bailer, Disposable Bailer, Positive Air Displacement, (Electric Submersible), Waterra, Peristaltic, Extraction Pump, Other____

Sampling Method: (Bailer), Disposable Bailer, Extraction Port, Dedicated Tubing, Other:

4.1 (Gals.) X	3	=	12.3 Gals.
1 Case Volume	Specified Volumes		Calculated Volume

Well Diameter	Multiplier	Well Diameter	Multiplier
1"	0.04	4"	0.65
2"	0.16	6"	1.47
3"	0.37	Other	radius² * 0.163

Time	Temp (°F)	pH	Cond. (mS or (µS))	Turbidity (NTUs)	Gals. Removed	Observations
0917	63.9	6.6	7770	8	4.5	clear
	Well dewatered @				6	DTW=12.12
0930	65.8	6.8	17.2 (mS)	113	—	cloudy

Did well dewater? (Yes) No Gallons actually evacuated: 6

Sampling Date: 4/1/04 Sampling Time: 0930 Depth to Water: 12.12 ft of Well

Sample I.D.: MW-11 Laboratory: (STL) Other____

Analyzed for: (TPH-G) (BTEX) (MTBE) (TPH-D) Other: nafer oil

EB I.D. (if applicable): @ Time Duplicate I.D. (if applicable):

Analyzed for: TPH-G BTEX MTBE TPH-D Other:

D.O. (if req'd):	Pre-purge:	mg/L	Post-purge:	mg/L
O.R.P. (if req'd):	Pre-purge:	mV	Post-purge:	mV

SHELL WELL MONITORING DATA SHEET

BTS #: 040401-MD1	Site: 98995749
Sampler: John D. / Pete C.	Date: 4/1/04
Well I.D.: MW-12	Well Diameter: 2 3 (4) 6 8
Total Well Depth (TD): 14.64	Depth to Water (DTW): 5.04
Depth to Free Product:	Thickness of Free Product (feet):
Referenced to: (PVC) Grade	D.O. Meter (if req'd): YSI HACH
DTW with 80% Recharge [(Height of Water Column x 0.20) + DTW]: 6.96	

Purge Method: Bailer, Disposable Bailer, Positive Air Displacement, (Electric Submersible), Waterra, Peristaltic, Extraction Pump, Other_____

Sampling Method: (Bailer), Disposable Bailer, Extraction Port, Dedicated Tubing, Other:_____

Well Diameter	Multiplier	Well Diameter	Multiplier
1"	0.04	4"	0.65
2"	0.16	6"	1.47
3"	0.37	Other	radius² * 0.163

6.2 (Gals.) X 3 = 18.6 Gals.
1 Case Volume | Specified Volumes | Calculated Volume

Time	Temp (°F)	pH	Cond. (mS or (µS))	Turbidity (NTUs)	Gals. Removed	Observations
1011	64.2	7.2	1433	18	6.5	clear
1013	64.5	7.1	1906	12	13	"
	Well DEwatered @				14	DTW 12.51
1025	68.6	7.2	1956	>1000	—	cloudy

Did well dewater? (Yes) No Gallons actually evacuated: 14

Sampling Date: 4/1/04 Sampling Time: 1025 Depth to Water: 12.51 steel

Sample I.D.: MW-12 Laboratory: (STL) Other_____

Analyzed for: (TPH-G) (BTEX) (MTBE) (TPH-D) Other: nafor or I

EB I.D. (if applicable): @ Time Duplicate I.D. (if applicable):

Analyzed for: TPH-G BTEX MTBE TPH-D Other:

D.O. (if req'd):	Pre-purge:	mg/L	Post-purge:	mg/L
O.R.P. (if req'd):	Pre-purge:	mV	Post-purge:	mV

SHELL WELL MONITORING DATA SHEET

BTS #: 040401-MD1	Site: 98995749
Sampler: John D. / Pete C.	Date: 4/1/04
Well I.D.: MW-13	Well Diameter: 2 3 (4) 6 8 ____
Total Well Depth (TD): 14.35	Depth to Water (DTW): 5.09
Depth to Free Product:	Thickness of Free Product (feet):
Referenced to: (PVC) Grade	D.O. Meter (if req'd): YSI HACH
DTW with 80% Recharge [(Height of Water Column x 0.20) + DTW]: 6.94	

Purge Method: Bailer; Disposable Bailer; Positive Air Displacement; (Electric Submersible); Waterra; Peristaltic; Extraction Pump; Other_____

Sampling Method: (Bailer); Disposable Bailer; Extraction Port; Dedicated Tubing; Other:_____

6 (Gals.) X	3	=	18 Gals.
1 Case Volume	Specified Volumes		Calculated Volume

Well Diameter	Multiplier	Well Diameter	Multiplier
1"	0.04	4"	0.65
2"	0.16	6"	1.47
3"	0.37	Other	radius² * 0.163

Time	Temp (°F)	pH	Cond. (mS or (µS))	Turbidity (NTUs)	Gals. Removed	Observations
0949	64.3	7.5	1974	18	6	clear
well	dewatered @				9	DTW = 12.35
1000	65.2	6.9	1810	22	—	clear

Did well dewater? (Yes) No Gallons actually evacuated: 9

Sampling Date: 4/1/04 Sampling Time: 1000 Depth to Water: 12.35 sheetfuel

Sample I.D.: MW-13 Laboratory: (STL) Other_____

Analyzed for: (TPH-G) (BTEX) (MTBE) (TPH-D) Other: nofar or 1

EB I.D. (if applicable): @ Time Duplicate I.D. (if applicable):

Analyzed for: TPH-G BTEX MTBE TPH-D Other:

D.O. (if req'd):	Pre-purge:	mg/L	Post-purge:	mg/L
O.R.P. (if req'd):	Pre-purge:	mV	Post-purge:	mV

SHELL WELL MONITORING DATA SHEET

BTS #: 040401-MD1	Site: 98995749
Sampler: John D. / Pete C.	Date: 4/1/04
Well I.D.: VEW-5	Well Diameter: 2 3 (4) 6 8 ___
Total Well Depth (TD): 9.45	Depth to Water (DTW): 2.77
Depth to Free Product:	Thickness of Free Product (feet):
Referenced to: (PVC) Grade	D.O. Meter (if req'd): YSI HACH
DTW with 80% Recharge [(Height of Water Column x 0.20) + DTW]: 9.11	

Purge Method: Bailer; Disposable Bailer; Positive Air Displacement; Electric Submersible; Waterra; Peristaltic; Extraction Pump; (Other) Stainless steel bailer/check valve

Sampling Method: Bailer; Disposable Bailer; Extraction Port; Dedicated Tubing; (Other): Stainless steel bailer/check valve

1.1 (Gals.) X 3 = 3.3 Gals.
1 Case Volume | Specified Volumes | Calculated Volume

Well Diameter	Multiplier	Well Diameter	Multiplier
1"	0.04	4"	0.65
(2")	0.16	6"	1.47
3"	0.37	Other	radius² * 0.163

Time	Temp (°F)	pH	Cond. (mS or (µS))	Turbidity (NTUs)	Gals. Removed	Observations
1300	67.8	6.9	2306	111	1.1	cloudy, strong odor
1302	67.1	6.7	1934	141	2.2	"
1304	66.8	6.7	1824	179	3.3	cloudy, black product

Did well dewater? Yes (No) Gallons actually evacuated: 3.3

Sampling Date: 4/1/04 Sampling Time: 1315 Depth to Water: 9.11

Sample I.D.: VEW-5 Laboratory: (STL) Other ___

Analyzed for: (TPH-G) (BTEX) (MTBE) (TPH-D) Other: nafer oil

EB I.D. (if applicable): @ Time Duplicate I.D. (if applicable):

Analyzed for: TPH-G BTEX MTBE TPH-D Other:

D.O. (if req'd):	Pre-purge:	mg/L	Post-purge:	mg/L
O.R.P. (if req'd):	Pre-purge:	mV	Post-purge:	mV

SHELL WELL MONITORING DATA SHEET

BTS #: 040401-MD1	Site: 98995749
Sampler: John D. / PetroC.	Date: 9/1/04
Well I.D.: AS-1	Well Diameter: 2 3 4 6 8 (1)
Total Well Depth (TD): 14.69	Depth to Water (DTW): 5.86
Depth to Free Product:	Thickness of Free Product (feet):
Referenced to: (PVC) Grade	D.O. Meter (if req'd): YSI HACH
DTW with 80% Recharge [(Height of Water Column x 0.20) + DTW]: 7.63	

Purge Method: Bailer; Disposable Bailer; Positive Air Displacement; Electric Submersible; Waterra; Peristaltic; Extraction Pump; Other 5/8" tubing w/ check valve

Sampling Method: Bailer; Disposable Bailer; Extraction Port; Dedicated Tubing; Other: 5/8" tubing w/ check valve

.4 (Gals.) X	3 =	1.2 Gals.	
1 Case Volume	Specified Volumes	Calculated Volume	

Well Diameter	Multiplier	Well Diameter	Multiplier
1"	0.04	4"	0.65
2"	0.16	6"	1.47
3"	0.37	Other	radius² * 0.163

Time	Temp (°F)	pH	Cond. (mS or (µS))	Turbidity (NTUs)	Gals. Removed	Observations
1238	66.9	7.6	9195	71	.4	clear
1240	66.8	7.4	9391	75	.8	clear
1241	~~66~~ 66.9	7.4	9374	46	1.2	clear

Did well dewater? Yes (No) Gallons actually evacuated: 1.2

Sampling Date: 9/1/04 Sampling Time: 1250 Depth to Water: 7.35

Sample I.D.: AS-1 Laboratory: (STL) Other

Analyzed for: (TPH-G) (BTEX) (MTBE) (TPH-D) Other: also for oil

EB I.D. (if applicable): @ Time Duplicate I.D. (if applicable):

Analyzed for: TPH-G BTEX MTBE TPH-D Other:

D.O. (if req'd):	Pre-purge:	mg/L	Post-purge:	mg/L
O.R.P. (if req'd):	Pre-purge:	mV	Post-purge:	mV

SHELL WELL MONITORING DATA SHEET

BTS #: 040401-MD1	Site: 98995749
Sampler: John D. / Pete C.	Date: 4/1/04
Well I.D.: VEW-6	Well Diameter: 2 3 (4) 6 8 ____
Total Well Depth (TD): 10.00	Depth to Water (DTW): 2.87
Depth to Free Product:	Thickness of Free Product (feet):
Referenced to: (PVC) Grade	D.O. Meter (if req'd): YSI HACH
DTW with 80% Recharge [(Height of Water Column x 0.20) + DTW]: 4.30	

Purge Method: Bailer; Disposable Bailer; Positive Air Displacement; Electric Submersible; Waterra; Peristaltic; Extraction Pump; Other 5/8" tubing w/check valve

Sampling Method: Bailer; Disposable Bailer; Extraction Port; Dedicated Tubing; Other: 5/8" tubing w/check valve

Well Diameter	Multiplier	Well Diameter	Multiplier
1"	0.04	4"	0.65
(2")	0.16	6"	1.47
3"	0.37	Other	radius² * 0.163

11 (Gals.) X 3 = 3.3 Gals.
1 Case Volume | Specified Volumes | Calculated Volume

Time	Temp (°F)	pH	Cond. (mS or (µS))	Turbidity (NTUs)	Gals. Removed	Observations
1346	64.4	7.6	4596	100	1.1	cloudy, odor
1348	64.3	7.2	1401	44	2.2	clear, odor
1350	64.1	7.1	750	49	3.3	"
1352	64.0	7.0	766	57	4.4	clear, odor

Did well dewater? Yes (No) Gallons actually evacuated: 4.4

Sampling Date: 4/1/04 Sampling Time: 1410 Depth to Water: 4.21

Sample I.D.: VEW-6 Laboratory: (STL) Other ____

Analyzed for: (TPH-G) (BTEX) (MTBE) (TPH-D) Other: nafor oil

EB I.D. (if applicable): @ Time Duplicate I.D. (if applicable):

Analyzed for: TPH-G BTEX MTBE TPH-D Other:

D.O. (if req'd):	Pre-purge:	mg/L	Post-purge:	mg/L
O.R.P. (if req'd):	Pre-purge:	mV	Post-purge:	mV

SHELL WELL MONITORING DATA SHEET

BTS #: 040401-MD1	Site: 98995749
Sampler: John D. / Pete C.	Date: 4/1/04
Well I.D.: AS-2	Well Diameter: 2 3 4 6 8 (1)
Total Well Depth (TD): 14.95	Depth to Water (DTW): 6.15
Depth to Free Product:	Thickness of Free Product (feet):
Referenced to: (PVC) Grade	D.O. Meter (if req'd): YSI HACH
DTW with 80% Recharge [(Height of Water Column x 0.20) + DTW]: 7.91	

Purge Method: Bailer; Disposable Bailer; Positive Air Displacement; Electric Submersible; Waterra; Peristaltic; Extraction Pump; (Other: 5/8" tubing w/check valve)

Sampling Method: Bailer; Disposable Bailer; Extraction Port; Dedicated Tubing; (Other: 5/8" tubing w/check valve)

1.4 (Gals.) X	3 =	1.2 Gals.	
1 Case Volume	Specified Volumes	Calculated Volume	

Well Diameter	Multiplier	Well Diameter	Multiplier
1"	0.04	4"	0.65
2"	0.16	6"	1.47
3"	0.37	Other	radius² * 0.163

Time	Temp (°F)	pH	Cond. (mS or µS)	Turbidity (NTUs)	Gals. Removed	Observations
1327	68.2	7.0	41.05 (mS)	29	.4	clear, odor
1328	67.1	6.8	41.24 (mS)	30	.8	"
1330	66.9	6.8	41.64 (mS)	44	1.2	clear, odor

Did well dewater? Yes (No) Gallons actually evacuated: 1.2

Sampling Date: 4/1/04 Sampling Time: 1340 Depth to Water: 7.65

Sample I.D.: AS-2 Laboratory: (STL) Other

Analyzed for: (TPH-G) (BTEX) (MTBE) (TPH-D) Other: Nafar or I

EB I.D. (if applicable): @ Time Duplicate I.D. (if applicable):

Analyzed for: TPH-G BTEX MTBE TPH-D Other:

D.O. (if req'd):	Pre-purge:	mg/L	Post-purge:	mg/L
O.R.P. (if req'd):	Pre-purge:	mV	Post-purge:	mV

SHELL WELL MONITORING DATA SHEET

BTS #: 040401-MD1	Site: 98995749
Sampler: John D. / Pete C.	Date: 4/1/04
Well I.D.: VEW-7	Well Diameter: 2 3 (4) 6 8 ___
Total Well Depth (TD): 9.68	Depth to Water (DTW): 2.99
Depth to Free Product:	Thickness of Free Product (feet):
Referenced to: (PVC) Grade	D.O. Meter (if req'd): YSI HACH
DTW with 80% Recharge [(Height of Water Column x 0.20) + DTW]: 4.33	

Purge Method: Bailer / Disposable Bailer / Positive Air Displacement / Electric Submersible / Waterra / Peristaltic / Extraction Pump / Other: Stl tubing w/check valve

Sampling Method: Bailer / Disposable Bailer / Extraction Port / Dedicated Tubing / Other: Stl tubing w/check valve

1.1 (Gals.) X	3	= 3.3 Gals.
1 Case Volume	Specified Volumes	Calculated Volume

Well Diameter	Multiplier	Well Diameter	Multiplier
1"	0.04	4"	0.65
(2")	0.16	6"	1.47
3"	0.37	Other	radius² * 0.163

Time	Temp (°F)	pH	Cond. (mS or (µS))	Turbidity (NTUs)	Gals. Removed	Observations
1430	64.9	7.3	5649	22	1.1	cloudy, odor
1432	66.0	7.0	3759	365	2.2	"
1434	66.8	6.9	2420	207	3.3	cloudy, black, odor
1436	67.1	6.9	1827	162	4.4	"
1438	67.3	6.9	1791	116	5.5	cloudy, odor

Did well dewater? Yes (No) Gallons actually evacuated: 5.5

Sampling Date: 4/1/04 Sampling Time: 1450 Depth to Water: 3.21

Sample I.D.: VEW-7 Laboratory: (STL) Other ___

Analyzed for: (TPH-G) (BTEX) (MTBE) (TPH-D) Other: nafor or /

EB I.D. (if applicable): @ Time Duplicate I.D. (if applicable):

Analyzed for: TPH-G BTEX MTBE TPH-D Other:

D.O. (if req'd):	Pre-purge:	mg/L	Post-purge:	mg/L
O.R.P. (if req'd):	Pre-purge:	mV	Post-purge:	mV

SHELL WELL MONITORING DATA SHEET

BTS #: 040401-MD1	Site: 98995749
Sampler: John D. / Pete C.	Date: 4/1/04
Well I.D.: AS-3	Well Diameter: 2 3 4 6 8 (10)
Total Well Depth (TD): 14.85	Depth to Water (DTW): 6.32
Depth to Free Product:	Thickness of Free Product (feet):
Referenced to: (PVC) Grade	D.O. Meter (if req'd): YSI HACH
DTW with 80% Recharge [(Height of Water Column x 0.20) + DTW]: 8.03	

Purge Method: Bailer; Disposable Bailer; Positive Air Displacement; (Electric Submersible); Waterra; Peristaltic; Extraction Pump; Other 5/8" tubing w/check valve

Sampling Method: Bailer; Disposable Bailer; Extraction Port; Dedicated Tubing; Other: 5/8" tubing w/check valve

0.4 (Gals.) X 3 = 1.2 Gals.
1 Case Volume — Specified Volumes — Calculated Volume

Well Diameter	Multiplier	Well Diameter	Multiplier
1"	0.04	4"	0.65
2"	0.16	6"	1.47
3"	0.37	Other	radius² * 0.163

Time	Temp (°F)	pH	Cond. (mS or (uS))	Turbidity (NTUs)	Gals. Removed	Observations
1413	65.9	7.5	15.15	12	.4	clear
1414	66.5	7.6	15.48	9	.8	"
1415	66.5	7.7	15.55	6	1.2	clear

Did well dewater? Yes (No) Gallons actually evacuated: 1.2

Sampling Date: 4/1/04 Sampling Time: 1425 Depth to Water: 7.51

Sample I.D.: (DUP) AS-3 Laboratory: (STL) Other_____

Analyzed for: (TPH-G) (BTEX) (MTBE) (TPH-D) Other: MTBE 8260

EB I.D. (if applicable): @ Time Duplicate I.D. (if applicable):

Analyzed for: TPH-G BTEX MTBE TPH-D Other:

D.O. (if req'd):	Pre-purge:	mg/L	Post-purge:	mg/L
O.R.P. (if req'd):	Pre-purge:	mV	Post-purge:	mV

ATTACHMENT B

Well Logs for VEW-5 (AS-1), VEW-6 (AS-2), and VEW-7 (AS-3)

Cambria Environmental Technology, Inc.
1144 - 65th St.
Oakland, CA 94608
Telephone: (510) 420-0700
Fax: (510) 420-9170

BORING/WELL LOG

CLIENT NAME	Equiva Services LLC	**BORING/WELL NAME**	VE-6
JOB/SITE NAME	Shell-branded service station	**DRILLING STARTED**	28-Jun-00
LOCATION	285 Hegenberger Road, Oakland, California	**DRILLING COMPLETED**	28-Jun-00
PROJECT NUMBER	241-0734	**WELL DEVELOPMENT DATE (YIELD)**	NA
DRILLER	Gregg Drilling	**GROUND SURFACE ELEVATION**	Not Surveyed
DRILLING METHOD	Hollow-stem auger	**TOP OF CASING ELEVATION**	Not Surveyed
BORING DIAMETER	10"	**SCREENED INTERVAL**	NA; NA
LOGGED BY	J. Loetterle	**DEPTH TO WATER (First Encountered)**	4.0 ft (28-Jun-00) ▽
REVIEWED BY	S. Bork, RG# 5620	**DEPTH TO WATER (Static)**	NA ▼
REMARKS	Hand augered to 5 fbg. Located adjacent to the planter on Hegenberger Rd. by the southeast pumps.		

TPHg (mg/kg)	BLOW COUNTS	SAMPLE ID	EXTENT	DEPTH (ft bgs)	U.S.C.S.	GRAPHIC LOG	LITHOLOGIC DESCRIPTION	CONTACT DEPTH (ft bgs)
							ASPHALT	0.3
					MH		**FILL:** brown; moist; 35% silt, 50% fine to medium sand, 15% gravel; no plasticity; high estimated permeability.	1.0
							Clayey SILT (MH); grey; moist; 35% clay, 55% silt, 10% sand; high plasticity; low estimated permeability; contains organics.	3.0
					SM		**Silty SAND** (SM); blue/grey; loose; wet; 3% clay, 27% silt, 70% fine sand; no plasticity; moderate estimated permeability.	5.0
	2 4 5	VE-6- 5.5		5			@ 4' - 20% silt, 60% fine to coarse sand, 20% fine gravel; high estimated permeability.	
							Sandy SILT (ML); light grey; loose; damp; 5% clay, 75% silt, 20% sand, low plasticity; moderate estimated permeability; contains organics.	
							@ 6' - 25% clay, 60% silt, 15% sand; medium plasticity; low estimated permeability.	
	1 2 3	VE-6- 10.5		10	ML		@ 10' - grey; 15% clay, 65% silt, 20% sand.	
							@ 11' - grey/brown; 20% clay, 50% silt, 30% fine to coarse sand; moderate estimated permeability.	
	4 6 7	VE-6- 14.0		15			@ 14' - light grey; medium dense; moist; 30% clay, 50%silt, 20% sand; low estimated permeability.	15.0

WELL DIAGRAM

- Portland Type I/II
- Bentonite Seal
- Monterey Sand #2/12
- 4"-diam., 0.020" Slotted Schedule 40 PVC
- Bentonite Seal
- Monterey Sand #2/12
- 1"-diam., 0.020" Slotted Schedule 40 PVC

Bottom of Boring @ 15 ft

WELL LOG (COAXIAL/TPHG) G:\OA191C-1\GINT\OKLND265.GPJ DEFAULT.GDT 7/6/00

Cambria Environmental Technology, Inc.
1144 - 65th St.
Oakland, CA 94608
Telephone: (510) 420-0700
Fax: (510) 420-9170

BORING/WELL LOG

CLIENT NAME	Equiva Services LLC	**BORING/WELL NAME**	VE-7
JOB/SITE NAME	Shell-branded service station	**DRILLING STARTED**	28-Jun-00
LOCATION	285 Hegenberger Road, Oakland, California	**DRILLING COMPLETED**	28-Jun-00
PROJECT NUMBER	241-0734	**WELL DEVELOPMENT DATE (YIELD)**	NA
DRILLER	Gregg Drilling	**GROUND SURFACE ELEVATION**	Not Surveyed
DRILLING METHOD	Hollow-stem auger	**TOP OF CASING ELEVATION**	Not Surveyed
BORING DIAMETER	10"	**SCREENED INTERVAL**	NA; NA
LOGGED BY	J. Loetterle	**DEPTH TO WATER (First Encountered)**	4.0 ft (28-Jun-00)
REVIEWED BY	S. Bork, RG# 5620	**DEPTH TO WATER (Static)**	NA

REMARKS Hand augered to 5 fbg. Located in the middle of the exit driveway of the car wash.

TPHg (mg/kg)	BLOW COUNTS	SAMPLE ID	EXTENT	DEPTH (ft bgs)	U.S.C.S.	GRAPHIC LOG	LITHOLOGIC DESCRIPTION	CONTACT DEPTH (ft bgs)
							ASPHALT	0.3
							FILL; brown; moist; 35% silt, 50% fine to medium sand, 15% gravel; no plasticity; high estimated permeability.	1.0
					ML		Clayey SILT (ML); black; damp; 30% clay, 60% silt, 10% sand; high plasticity; low estimated permeability.	3.0
							@ 2' - grey.	
				5	SM		Silty SAND (ML); blue/grey; wet.	
	4 4 5	VE-7-6.5					@ 6.5' - grey/brown; loose; 5% clay, 30%silt, 60% fine to medium sand, 5% fine gravel; low plasticity; moderate estimated permeability.	7.0
							Silty CLAY (CH)	
				10	CH			
	2 2 4	VE-7-10.5					@ 10.5' - dark grey; medium stiff; moist; 65% clay, 30% silt, 5% sand; high plasticity; very low estimated permeability; contains organics.	
	5 7 9	VE-7-14.0					@ 13.5' - light grey/green; 60% clay, 30% silt, 10% sand.	14.0
				15	ML		Clayey SILT (ML); light grey; very stiff; moist; 30% clay, 50% silt, 20% fine sand; medium plasticity; low estimated permeability.	15.0

WELL DIAGRAM

- Portland Type I/II
- Bentonite Seal
- Monterey Sand #2/12
- 4"-diam., 0.020" Slotted Schedule 40 PVC
- Bentonite Seal
- Monterey Sand #2/12
- 1"-diam., 0.020" Slotted Schedule 40 PVC

Bottom of Boring @ 15 ft

WELL LOG (COAXIAL/TPHG) G:\OA191C~1\GINT\OKLND285.GPJ DEFAULT.GDT 7/6/00

Cambria Environmental Technology, Inc.
1144 - 65th St.
Oakland, CA 94608
Telephone: (510) 420-0700
Fax: (510) 420-9170

BORING/WELL LOG

CLIENT NAME	Equiva Services LLC	**BORING/WELL NAME**	VE-5
JOB/SITE NAME	Shell-branded service station	**DRILLING STARTED**	28-Jun-00
LOCATION	285 Hegenberger Road, Oakland, California	**DRILLING COMPLETED**	28-Jun-00
PROJECT NUMBER	241-0734	**WELL DEVELOPMENT DATE (YIELD)**	NA
DRILLER	Gregg Drilling	**GROUND SURFACE ELEVATION**	Not Surveyed
DRILLING METHOD	Hollow-stem auger	**TOP OF CASING ELEVATION**	Not Surveyed
BORING DIAMETER	10"	**SCREENED INTERVAL**	NA; NA
LOGGED BY	J. Loetterle	**DEPTH TO WATER (First Encountered)**	4.0 ft (28-Jun-00)
REVIEWED BY	S. Bork, RG# 5620	**DEPTH TO WATER (Static)**	NA
REMARKS	Hand augered to 5 fbg. Located at the south end of the south east pumps, adjacent to the planter on Hegenberger Rd.		

TPHg (mg/kg)	BLOW COUNTS	SAMPLE ID	EXTENT	DEPTH (ft bgs)	U.S.C.S.	GRAPHIC LOG	LITHOLOGIC DESCRIPTION	CONTACT DEPTH (ft bgs)
							ASPHALT	0.3
					ML		**FILL**; brown; moist; 35% silt, 50% fine to medium sand, 15% gravel; no plasticity; high estimated permeability.	1.0
							Clayey Silt (ML); grey; moist; 35% clay, 55% silt, 10% sand; high plasticity; low estimated permeability; contains organics.	3.0
					SP		@ 2' - damp.	4.0
	2 2 3	VE-5- 5.5		5	ML		**Gravelly SAND** (SM); grey; damp; 20% silt, 55% fine to medium sand, 25% fine gravel; no plasticity; high estimated permeability.	6.0
					SM		**Sandy Silt** (ML); wet; grey. @ 5' - dark grey; loose; 15% clay, 65% silt, 20% sand; medium plasticity; low estimated permeability; contains organics.	
							Silty SAND (SM); dark grey; wet; 5% clay, 20% silt, 75% fine sand; no plasticity; moderate permeability.	
	2 2 3	VE-5- 10.5		10	ML		**Clayey SILT** (ML); grey; loose; damp; 30% clay, 60% silt, 10% fine sand; high plasticity; low estimated permeability; contains rootlets.	10.0
	3 4 7	VE-5- 14.0		15			@ 13' green/grey; medium dense; 5% clay, 55% silt, 40% fine to medium sand with trace coarse sand; low plasticity; moderate estimated permeability.	15.0

WELL DIAGRAM

- Portland Type I/II
- Bentonite Seal
- Monterey Sand #2/12
- 4"-diam., 0.020" Slotted Schedule 40 PVC
- Bentonite Seal
- Monterey Sand #2/12
- 1"-diam., 0.020" Slotted Schedule 40 PVC

Bottom of Boring @ 15 ft

WELL LOG (COAXIAL/TPHG) G:\OA1810-1\GINT\OKLND285.GPJ DEFAULT.GDT 7/6/00