120-367

Shell Oil Products US

May 4, 2004

eva chu
Alameda County Health Care Services Agency
1131 Harbor Bay Parkway, Suite 250
Alameda, California 94502-6577

Subject: Shell-branded Service Station
1784 150th Avenue
San Leandro, California

Dear Ms. chu:

Attached for your review and comment is a copy of the *First 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

May 4, 2004

eva chu
Alameda County Health Care Services Agency
1131 Harbor Bay Parkway, Suite 250
Alameda, California 94502-6577

Re: **First Quarter 2004 Monitoring Report**
Shell-branded Service Station
1784 150th Avenue
San Leandro, California
Incident #98996068
Cambria Project #246-0612-002

Dear Ms. chu:

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

FIRST QUARTER 2004 ACTIVITIES

Groundwater Monitoring: Blaine Tech Services, Inc. (Blaine) of San Jose gauged all site wells, sampled selected wells, calculated groundwater elevations, and compiled the analytical data. Cambria prepared a vicinity map which includes previously submitted well survey information (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.

Additional Oxygenate Analysis: As requested in a letter dated October 22, 2002 from Alameda County Health Care Services Agency (ACHCSA), groundwater samples were analyzed in the fourth quarter of 2002 for the presence of methyl tert-butyl ether (MTBE), tert-butyl alcohol (TBA), ethyl tert-butyl ether, tert-amyl methyl ether (TAME), di-isopropyl ether, 1,2-dichloroethane (1,2-DCA) and 1,2-dibromoethane (or ethylene dibromide) using EPA Method 8260. During that event, no oxygenates or additives were detected in any of the groundwater samples from off-site wells; however, MTBE and TBA were detected in on-site wells MW-1 and MW-2, and 1,2-DCA was detected in MW-1 and MW-3. As a result, only groundwater from on-site wells continues to be analyzed for MTBE, TAME, TBA and 1,2-DCA.

Cambria Environmental Technology, Inc.

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

Analytical results for the first quarter of 2004 showed detectable MTBE concentrations of 79 parts per billion (ppb) in well MW-1, 13,000 ppb in well MW-2, and 8,300 ppb in well MW-11. TBA was detected above the laboratory detection limit in wells MW-2 and MW-11 only, at concentrations of 6,800 ppb and 18,000 ppb, respectively. 1,2-DCA and TAME were not detected in any of the on-site wells.

Mobile Groundwater Extraction (GWE): In July 2002, Onyx Industrial Services (Onyx) of Benicia, California began conducting semi-monthly GWE using monitoring well MW-2 for three events and continuing on a monthly basis until March 2004. In March 2004, Onyx commenced monthly GWE using well MW-2 once per month and well MW-11 once per month, so that GWE is conducted twice per month at the site. However, due to an error during March 2004, Onyx conducted GWE twice from well MW-2 and once from MW-11.

As of March 23, 2004, approximately 6.8 pounds of total petroleum hydrocarbons as gasoline and approximately 2.1 pounds of MTBE had been removed from the subsurface (Table 1). The effect of GWE on MTBE concentrations in well MW-2 is depicted graphically in Figure 3.

Soil and Groundwater Investigation Report: On January 12, 2004, Cambria submitted a *Soil and Water Investigation Report* summarizing the November 19 through 20, 2003 field activities and analytical results. The report also included recommendations regarding further investigation at the site based on the analytical and geological data gathered during this and previous investigations.

ANTICIPATED SECOND QUARTER 2004 ACTIVITIES

Groundwater Monitoring: Blaine will gauge all wells, sample selected wells, and tabulate the data. Cambria will prepare a monitoring report.

Additional Oxygenate and Lead Scavenger Analysis: Groundwater from on-site wells MW-1, MW-2, MW-10, and MW-11 will continue to be analyzed quarterly for MTBE, TAME, TBA and 1,2-DCA.

GWE: Onyx will conduct weekly GWE using both well MW-2 and well MW-11 each event.

Soil and Groundwater Investigation: As stated in Cambria's January 12, 2004 *Soil and Water Investigation Report,* Shell will continue to try to complete an access agreement with the owner of the adjacent property to the southeast of the site. Upon obtaining a signed access agreement, Cambria will install the two previously proposed off-site soil borings.

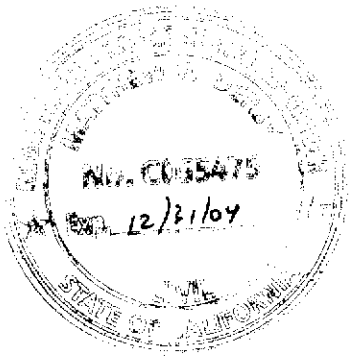
CLOSING

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/Sensitive Receptor Survey Map
2 - Groundwater Elevation Contour Map
3 - TFE VacOps Effect on MTBE Concentration (MW-2)

Tables: 1 - Groundwater Extraction - Mass Removal Data

Attachment: A - Blaine Groundwater Monitoring Report and Field Notes

cc: Karen Petryna, Shell Oil Products US, 20945 S. Wilmington Ave., Carson, CA 90810

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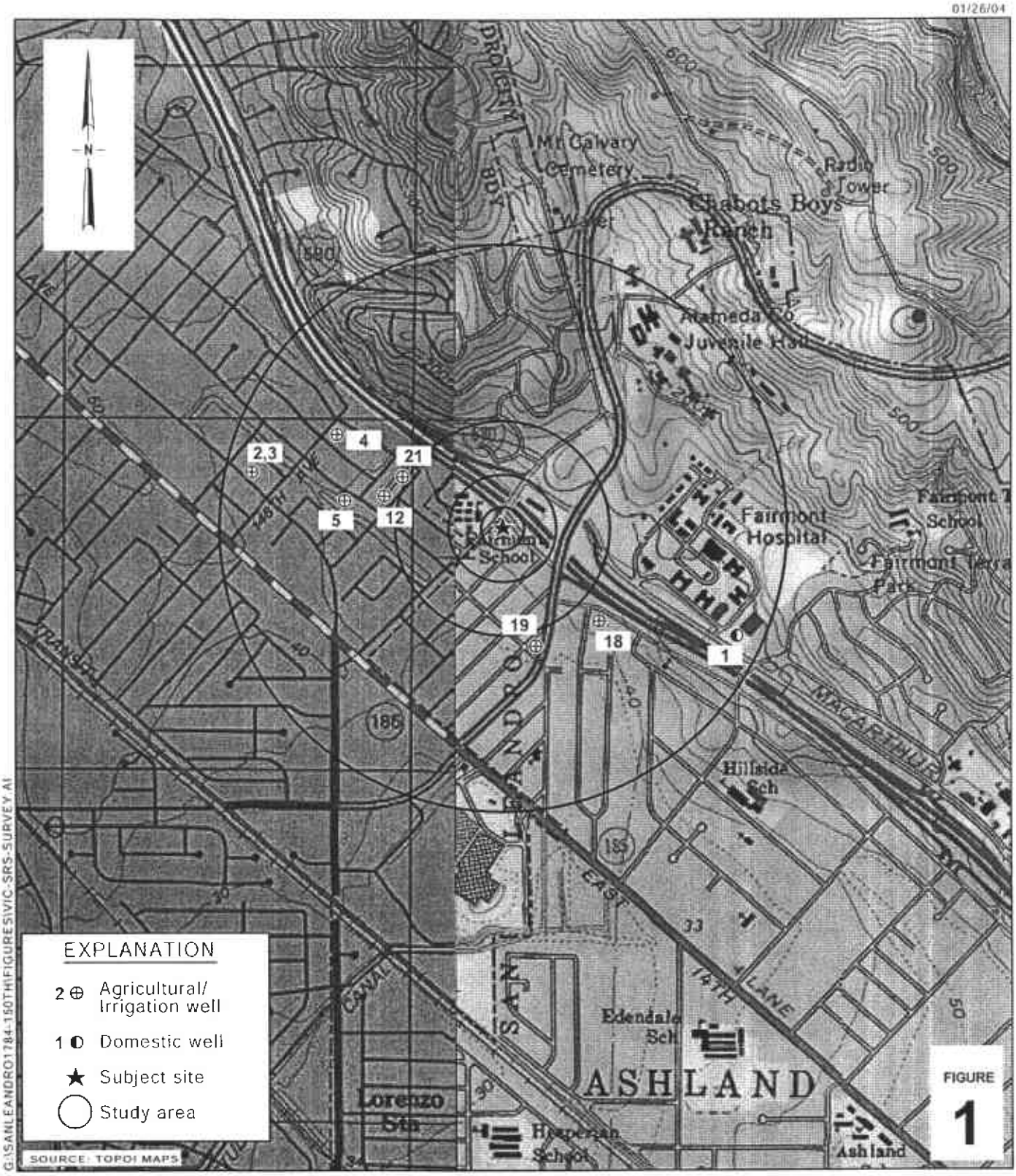
01/26/04



Shell-branded Service Station
1784 150th Avenue
San Leandro, California
Incident #98996068

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Vicinity/Sensitive Receptor Survey Map
(1/2-Mile Radius)

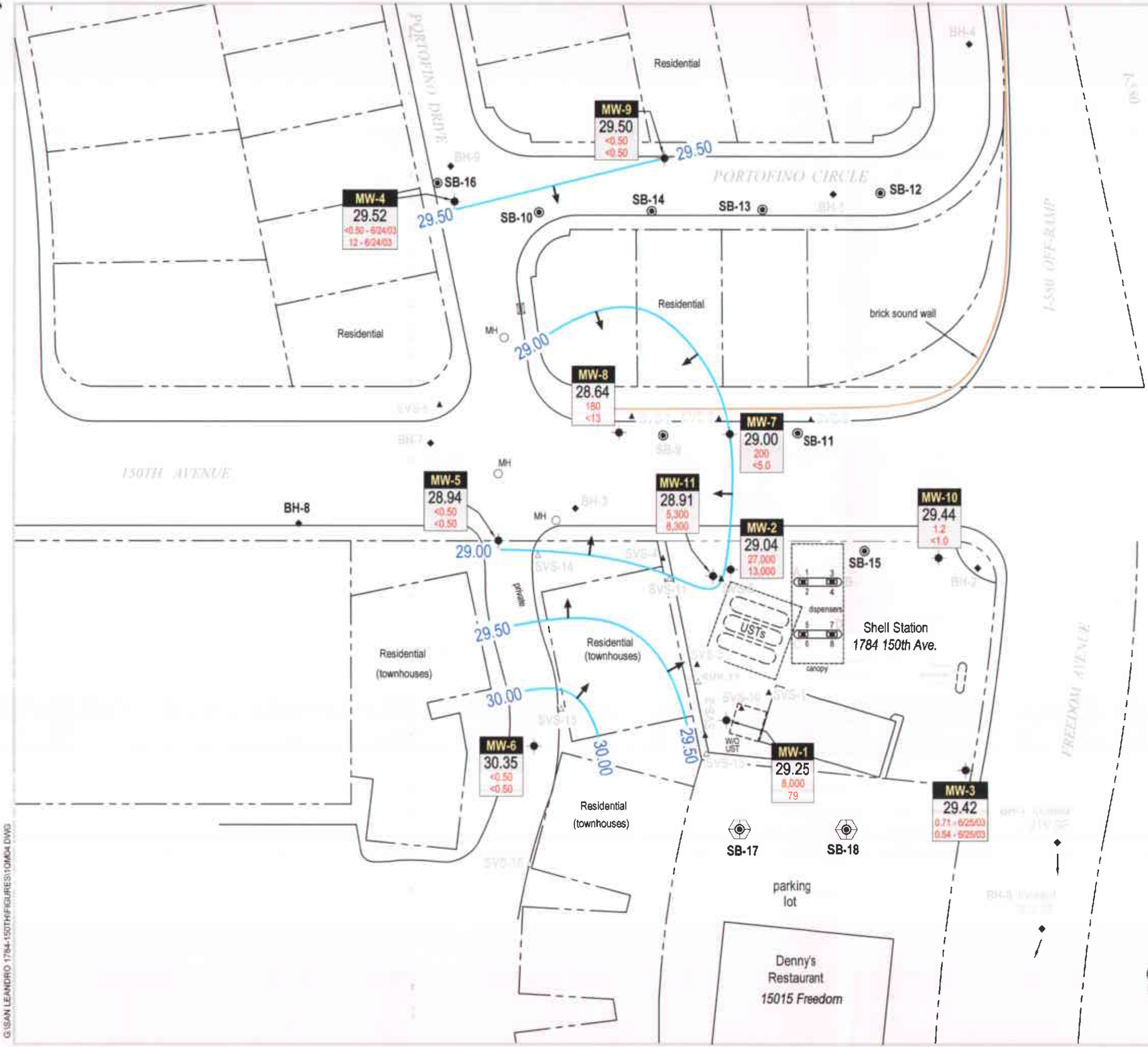
05/03/04

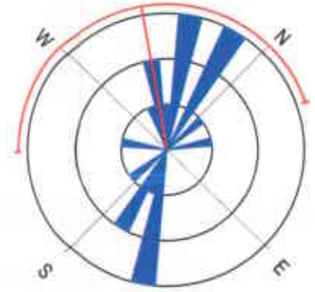
Groundwater Elevation Contour Map

March 4, 2004

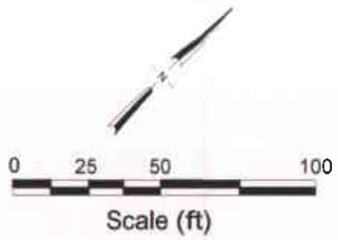
EXPLANATION

- SB-17 — Proposed soil boring location
- MW-1 — Monitoring well location
- BH-1 — Soil boring location (Weiss, 6/94)
- BH-7 — Soil boring location (Weiss, 3/95)
- A — Dispenser soil sample location (Weiss, 3/95)
- SVS-1 — Soil boring location (Cambria, 7/96)
- SVS-11 — Soil boring location (Cambria, 11/98)
- SB-9 — Soil boring location (Cambria, 10/02)
- SB-10 — Soil boring location (Cambria, 6/03)
- Groundwater flow direction
- xx.xx — Groundwater elevation contour, in feet above mean sea level (msl), approximately located, dashed where inferred
- Well designation
- ELEV — Groundwater elevation, in feet above msl
- Benzene / MTBE — Benzene and MTBE concentrations are in parts per billion and are analyzed by EPA Method 8260.





Groundwater Flow Direction
(06/14/99 to 03/04/04)



FIGURE

2

Shell-branded Service Station

1784 150th Avenue
San Leandro, California
Incident #89996068

CAMBRIA

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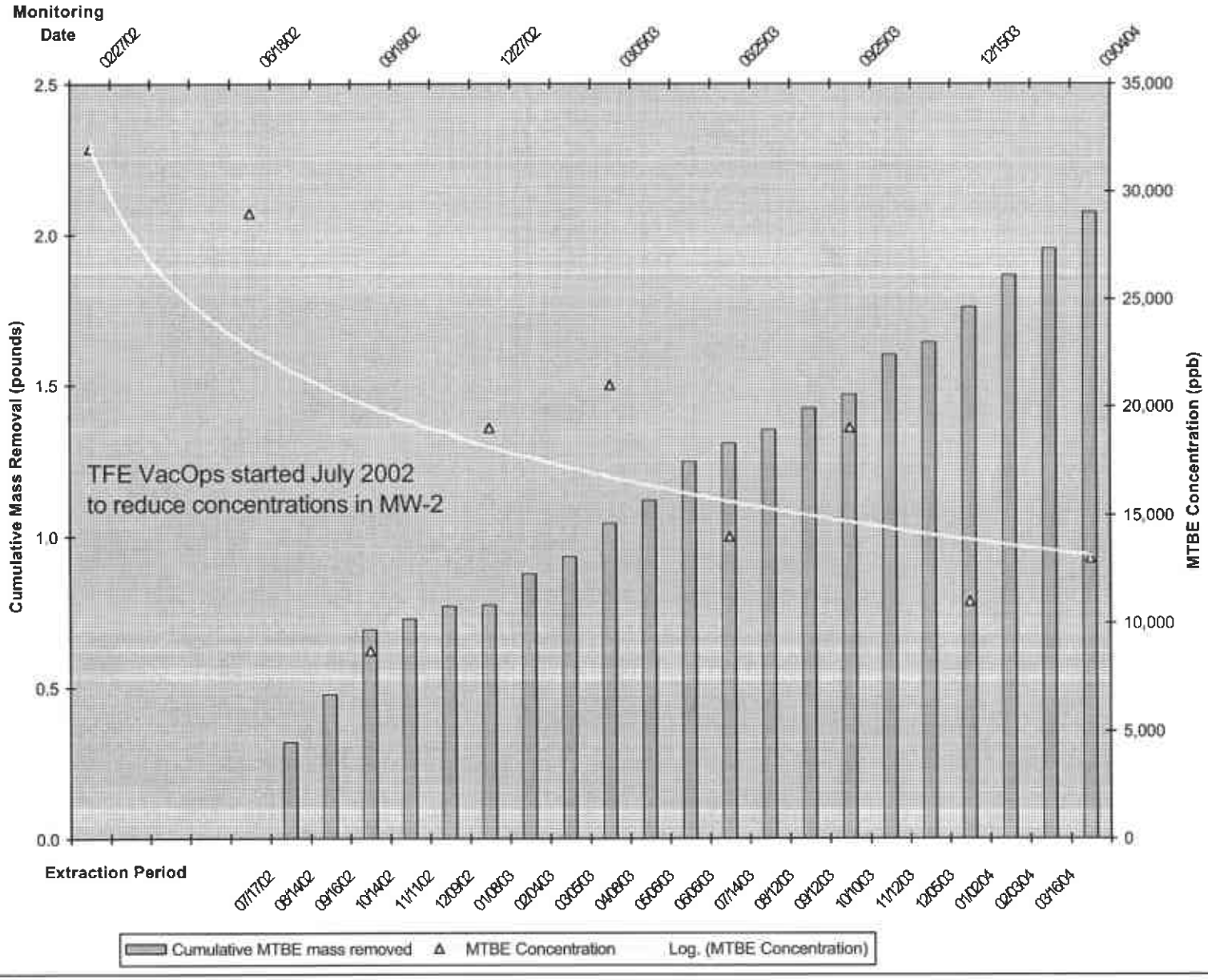
TFE VacOps Effect on MTBE Concentration
1784 150th Street, San Leandro, MW-2

Date	DTW
9/6/00	18.65
12/14/00	19.00
3/5/01	16.66
6/11/01	18.93
9/12/01	19.85
12/27/01	17.85
2/27/02	17.15
6/18/02	18.49
9/18/02	19.95
12/27/02	16.71
3/5/03	17.72
6/25/03	18.30
9/25/03	20.05
12/15/03	18.80
3/4/04	16.75



G:\San Leandro 1784 150th\QM\1q04\1784 1q04graph.pdf

Figure 3

Table 1: Groundwater Extraction - Mass Removal Data - Shell-branded Service Station, Incident #98996068, 1784 150th Avenue, San Leandro, California

					TPPH			Benzene			MTBE		
Date Purged	Well ID	Volume Pumped (gal)	Cumulative Volume Pumped (gal)	Date Sampled	TPPH Concentration (ppb)	TPPH Removed (pounds)	TPPH Removed To Date (pounds)	Benzene Concentration (ppb)	Benzene Removed (pounds)	Benzene Removed To Date (pounds)	MTBE Concentration (ppb)	MTBE Removed (pounds)	MTBE Removed To Date (pounds)
07/03/02	MW-2	482	482	06/18/02	72,000	0.28958	0.28958	9,500	0.03821	0.03821	29,000	0.11664	0.11664
07/17/02	MW-2	834	1,316	06/18/02	72,000	0.50106	0.79064	9,500	0.06611	0.10432	29,000	0.20182	0.31845
07/31/02	MW-2	213	1,529	06/18/02	72,000	0.12797	0.91861	9,500	0.01688	0.12121	29,000	0.05154	0.37000
08/14/02	MW-2	664	2,193	06/18/02	72,000	0.39893	1.31754	9,500	0.05264	0.17384	29,000	0.16068	0.53068
09/16/02	MW-2	662	2,855	06/18/02	72,000	0.39773	1.71527	9,500	0.05248	0.22632	29,000	0.16019	0.69087
10/14/02	MW-2	501	3,356	09/18/02	48,000	0.20067	1.91593	7,600	0.03177	0.25809	8,700	0.03637	0.72724
11/11/02	MW-2	547	3,903	09/18/02	48,000	0.21909	2.13502	7,600	0.03469	0.29278	8,700	0.03971	0.76695
12/09/02	MW-2	106	4,009	09/18/02	48,000	0.04246	2.17748	7,600	0.00672	0.29950	8,700	0.00770	0.77465
01/08/03	MW-2	652	4,661	12/27/02	40,000	0.21762	2.39510	5,900	0.03210	0.33160	19,000	0.10337	0.87802
02/04/03	MW-2	326	4,987	12/27/02	40,000	0.10881	2.50391	5,900	0.01605	0.34765	19,000	0.05168	0.92970
03/05/03	MW-2	647	5,634	03/05/03	62,000	0.33473	2.83863	13,000	0.07018	0.41784	21,000	0.11337	1.04308
04/08/03	MW-2	434	6,068	03/05/03	62,000	0.22453	3.06316	13,000	0.04708	0.46491	21,000	0.07605	1.11913
05/06/03	MW-2	736	6,804	03/05/03	62,000	0.38077	3.44393	13,000	0.07984	0.54475	21,000	0.12897	1.24810
06/06/03	MW-2	348	7,152	03/05/03	62,000	0.18004	3.62397	13,000	0.03775	0.58250	21,000	0.06098	1.30908
07/14/03	MW-2	391	7,543	06/24/03	19,000	0.06199	3.68596	9,500	0.03100	0.61350	14,000	0.04568	1.35475
08/12/03	MW-2	591	8,134	06/24/03	19,000	0.09370	3.77966	9,500	0.04685	0.66035	14,000	0.06904	1.42380
09/12/03	MW-2	399	8,533	06/24/03	19,000	0.06326	3.84292	9,500	0.03163	0.69198	14,000	0.04661	1.47041
10/10/03	MW-2	837	9,370	09/25/03	65,000	0.45397	4.29689	24,000	0.16762	0.85960	19,000	0.13270	1.60311
11/12/03	MW-2	259	9,629	09/25/03	65,000	0.14048	4.43737	24,000	0.05187	0.91147	19,000	0.04106	1.64417
12/05/03	MW-2	727	10,356	09/25/03	65,000	0.39431	4.83168	24,000	0.14559	1.05706	19,000	0.11526	1.75943
01/02/04	MW-2	1,168	11,524	12/15/03	67,000	0.65300	5.48468	18,000	0.17543	1.23249	11,000	0.10721	1.86664
02/03/04	MW-2	962	12,486	12/15/03	67,000	0.53783	6.02251	18,000	0.14449	1.37698	11,000	0.08830	1.95494
03/02/04	MW-2	343	12,829	12/15/03	67,000	0.19176	6.21427	18,000	0.05152	1.42850	11,000	0.03148	1.98642
03/16/04	MW-2	856	13,685	03/04/04	72,000	0.51428	6.72855	27,000	0.19285	1.62136	13,000	0.09286	2.07928
03/23/04	MW-11	142	142	03/04/04	68,000	0.08057	0.08057	5,300	0.00628	0.00628	8,300	0.00983	0.00983

Table 1: Groundwater Extraction - Mass Removal Data - Shell-branded Service Station, Incident #98996068, 1784 150th Avenue, San Leandro, California

					TPPH			Benzene			MTBE		
Date Purged	Well ID	Volume Pumped (gal)	Cumulative Volume Pumped (gal)	Date Sampled	TPPH Concentration (ppb)	TPPH Removed (pounds)	TPPH Removed To Date (pounds)	Benzene Concentration (ppb)	Benzene Removed (pounds)	Benzene Removed To Date (pounds)	MTBE Concentration (ppb)	MTBE Removed (pounds)	MTBE Removed To Date (pounds)
Total Gallons Extracted:			**13,827**		**Total Pounds Removed:**		**6.80912**			**1.62764**			**2.08911**
					Total Gallons Removed:		**1.11625**			**0.22296**			**0.33695**

Abbreviations & Notes:

TPPH = Total purgeable hydrocarbons as gasoline
MTBE = Methyl tert-butyl ether
ppb = Parts per billion
gal = Gallon
Mass removed based on the formula: volume extracted (gal) x Concentration (µg/L) x (g/10^6µg) x (pound/453.6g) x (3.785 L/gal)
Volume removal data based on the formula: density (in gms/cc) x 9.339 (ccxlbs/gmsxgals)
TPPH, benzene, and MTBE analyzed by EPA Method 8260
If concentration is less than the laboratory detection limit, one half of the detection limit concentration is used in the mass removal calculation.
Groundwater extracted by vacuum trucks provided by Onyx. Water disposed of at a Martinez Refinery.

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

April 13, 2004

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

First Quarter 2004 Groundwater Monitoring at
Shell-branded Service Station
1784 150th Avenue
San Leandro, CA

Monitoring performed on March 4, 2004

Groundwater Monitoring Report **040304-SS-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 Shell Martinez Manufacturing Complex.

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/jt

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

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

WELL CONCENTRATIONS
Shell-branded Service Station
1784 150th Avenue
San Leandro, 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)	DIPE (ug/L)	ETBE (ug/L)	TAME (ug/L)	TBA (ug/L)	1,2-DCA (ug/L)	EDB (ug/L)	TOC (MSL)	Depth to Water (ft.)	GW Elevation (MSL)	SPH Thickness (ft.)	DO Reading (ppm)
MW-1	03/08/1990	510	120	1.5	0.8	<0.5	5.4	NA	NA	NA	NA	NA	NA	NA	NA	49.13	25.29	23.84	NA	NA
MW-1	06/12/1990	390	100	86	1.3	0.7	6.2	NA	NA	NA	NA	NA	NA	NA	NA	49.13	25.85	23.28	NA	NA
MW-1	09/13/1990	100	130	56	0.75	2.4	2.8	NA	NA	NA	NA	NA	NA	NA	NA	49.13	27.49	21.64	NA	NA
MW-1	12/18/1990	480	<50	54	1.7	3.3	3.7	NA	NA	NA	NA	NA	NA	NA	NA	49.13	27.41	21.72	NA	NA
MW-1	03/07/1991	80	<50	266	<0.5	1.2	<1.5	NA	NA	NA	NA	NA	NA	NA	NA	49.13	25.79	23.34	NA	NA
MW-1	06/07/1991	510	<50	130	3.8	6.1	11	NA	NA	NA	NA	NA	NA	NA	NA	49.13	25.64	23.49	NA	NA
MW-1	09/17/1991	330	120a	67	<0.5	3.0	2.2	NA	NA	NA	NA	NA	NA	NA	NA	49.13	27.54	21.59	NA	NA
MW-1	12/09/1991	140a	80	<0.5	<0.5	1.7	4.7	NA	NA	NA	NA	NA	NA	NA	NA	49.13	27.81	21.32	NA	NA
MW-1	02/13/1992	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	49.13	25.57	23.56	NA	NA
MW-1	02/24/1992	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	49.13	22.83	26.30	NA	NA
MW-1	02/27/1992	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	49.13	23.09	26.04	NA	NA
MW-1	03/01/1992	<50	<50	<0.5	<0.5	<0.5	<0.5	NA	NA	NA	NA	NA	NA	NA	NA	49.13	23.26	25.87	NA	NA
MW-1	06/03/1992	1,500	NA	520	180	72	230	NA	NA	NA	NA	NA	NA	NA	NA	49.13	24.64	24.49	NA	NA
MW-1	09/01/1992	130	NA	16	1.4	1.8	3.4	NA	NA	NA	NA	NA	NA	NA	NA	49.13	26.74	22.39	NA	NA
MW-1	10/06/1992	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	49.13	27.18	21.95	NA	NA
MW-1	11/11/1992	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	49.13	27.99	21.14	NA	NA
MW-1	12/04/1992	150	NA	360	0.7	1.8	2.1	NA	NA	NA	NA	NA	NA	NA	NA	49.13	27.14	21.99	NA	NA
MW-1	01/22/1993	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	49.13	20.09	29.04	NA	NA
MW-1	02/10/1993	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	49.13	24.26	24.87	NA	NA
MW-1	03/03/1993	<50	NA	1.5	<0.5	<0.5	<0.5	NA	NA	NA	NA	NA	NA	NA	NA	49.13	20.50	28.63	NA	NA
MW-1	05/11/1993	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	49.13	21.70	27.43	NA	NA
MW-1	06/17/1993	1,600	NA	340	120	120	440	NA	NA	NA	NA	NA	NA	NA	NA	49.13	22.42	26.71	NA	NA
MW-1	09/10/1993	2,600	NA	670	340	310	730	NA	NA	NA	NA	NA	NA	NA	NA	49.13	24.11	25.02	NA	NA
MW-1	12/13/1993	11,000	NA	470	320	380	2,300	NA	NA	NA	NA	NA	NA	NA	NA	49.13	23.73	25.40	NA	NA
MW-1	03/03/1994	16,000	NA	700	690	480	3,200	NA	NA	NA	NA	NA	NA	NA	NA	49.13	22.08	27.05	NA	NA
MW-1	06/06/1994	7,500	NA	420	280	200	1,000	NA	NA	NA	NA	NA	NA	NA	NA	49.13	23.10	26.03	NA	NA
MW-1	09/12/1994	1,200	NA	110	21	3.3	420	NA	NA	NA	NA	NA	NA	NA	NA	49.13	25.19	23.94	NA	NA
MW-1	12/19/1994	4,600	NA	470	330	230	1,300	NA	NA	NA	NA	NA	NA	NA	NA	49.13	23.06	26.07	NA	NA
MW-1	02/28/1995	500	NA	59	32	6.8	68	NA	NA	NA	NA	NA	NA	NA	NA	49.13	20.90	28.23	NA	NA
MW-1	03/24/1995	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	49.13	18.28	30.85	NA	NA
MW-1	06/26/1995	5,500	NA	740	420	300	1,800	NA	NA	NA	NA	NA	NA	NA	NA	49.13	20.40	28.73	NA	NA
MW-1	09/13/1995	84,000	NA	1,900	2,600	3,000	14,000	NA	NA	NA	NA	NA	NA	NA	NA	49.13	22.62	26.51	NA	NA
MW-1	12/19/1995	80,000	NA	660	350	170	18,000	NA	NA	NA	NA	NA	NA	NA	NA	49.13	22.10	27.03	NA	NA
MW-1	03/07/1996	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	49.13	18.83	30.34	0.05	NA

WELL CONCENTRATIONS
Shell-branded Service Station
1784 150th Avenue
San Leandro, 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)	DIPE (ug/L)	ETBE (ug/L)	TAME (ug/L)	TBA (ug/L)	1,2-DCA (ug/L)	EDB (ug/L)	TOC (MSL)	Depth to Water (ft.)	GW Elevation (MSL)	SPH Thickness (ft.)	DO Reading (ppm)
MW-1	06/28/1996	270,000	NA	2,800	820	1,000	16,000	<0.5	NA	NA	NA	NA	NA	NA	NA	49.13	21.46	27.67	NA	NA
MW-1 (D)	06/28/1996	790,000	NA	2,200	780	1,000	13,000	15,000	NA	NA	NA	NA	NA	NA	NA	49.13	21.46	27.67	NA	NA
MW-1	09/26/1996	29,000	NA	1,100	260	270	1,900	<1,000	NA	NA	NA	NA	NA	NA	NA	49.13	23.57	25.57	0.01	NA
MW-1	09/26/1996	25,000	NA	1,200	320	240	1,900	<1,000	NA	NA	NA	NA	NA	NA	NA	49.13	NA	NA	NA	NA
MW-1	12/10/1996	13,000	NA	510	240	230	1,200	100	NA	NA	NA	NA	NA	NA	NA	49.13	21.43	27.70	NA	1.0
MW-1 (D)	12/10/1996	8,400	NA	420	130	140	680	81	NA	NA	NA	NA	NA	NA	NA	49.13	21.43	27.70	NA	1.0
MW-1	03/10/1997	4,200	NA	13	8.8	16	74	<12	NA	NA	NA	NA	NA	NA	NA	49.13	20.08	29.05	NA	2.0
MW-1 (D)	03/10/1997	5,100	NA	12	8.9	17	79	<25	NA	NA	NA	NA	NA	NA	NA	49.13	20.08	29.05	NA	2.0
MW-1	06/30/1997	5,700	NA	320	120	140	700	47	NA	NA	NA	NA	NA	NA	NA	49.13	21.68	27.45	NA	1.6
MW-1 (D)	06/30/1997	5,300	NA	300	95	120	580	45	NA	NA	NA	NA	NA	NA	NA	49.13	21.68	27.45	NA	1.6
MW-1	09/12/1997	6,300	NA	120	26	82	260	30	NA	NA	NA	NA	NA	NA	NA	49.13	21.78	27.35	NA	2.1
MW-1 b	12/18/1997	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	49.13	20.78	28.35	NA	1.3
MW-1	02/02/1998	84	NA	5.1	<0.50	<0.50	2.1	2.5	NA	NA	NA	NA	NA	NA	NA	49.13	19.65	29.48	NA	2.0
MW-1	06/24/1998	13,000	NA	3,000	260	410	1,400	<250	NA	NA	NA	NA	NA	NA	NA	49.13	19.65	29.48	NA	2.5
MW-1 (D)	06/24/1998	12,000	NA	3,800	250	47	1,400	710	NA	NA	NA	NA	NA	NA	NA	49.13	19.65	29.48	NA	2.5
MW-1	08/26/1998	3,100	NA	1,200	27	170	50	88	NA	NA	NA	NA	NA	NA	NA	49.13	20.49	28.64	NA	2.1
MW-1	12/23/1998	45,000	NA	5,300	220	1,000	3,600	970	NA	NA	NA	NA	NA	NA	NA	49.13	21.22	27.91	NA	3.8
MW-1	03/01/1999	22,300	NA	2,540	436	753	3,370	<400	NA	NA	NA	NA	NA	NA	NA	49.13	19.27	29.86	NA	1.8
MW-1	06/14/1999	18,800	NA	6,820	210	436	958	1,360	NA	NA	NA	NA	NA	NA	NA	49.13	20.80	28.33	NA	2.2
MW-1	09/28/1999	21,500	NA	7,470	281	467	927	1,800	NA	NA	NA	NA	NA	NA	NA	49.13	22.55	26.58	NA	2.0
MW-1	12/08/1999	22,300	NA	6,140	135	256	367	232	NA	NA	NA	NA	NA	NA	NA	49.13	23.12	26.01	NA	2.1
MW-1	03/14/2000	6,690	NA	1,880	63.5	134	307	460	NA	NA	NA	NA	NA	NA	NA	49.13	18.87	30.26	NA	2.3
MW-1	06/28/2000	8,080	NA	2,690	85.1	149	514	701	NA	NA	NA	NA	NA	NA	NA	49.13	21.12	28.01	NA	2.4
MW-1	09/06/2000	17,800	NA	7,390	212	329	1,270	<1,000	NA	NA	NA	NA	NA	NA	NA	49.13	21.90	27.23	NA	3.0
MW-1	12/14/2000	8,900	NA	4,870	79.2	106	370	1,840	673*	NA	NA	NA	NA	NA	NA	49.13	22.60	26.53	NA	2.0
MW-1	03/05/2001	7,520	NA	2,120	66.0	107	129	668	NA	NA	NA	NA	NA	NA	NA	49.13	20.06	29.07	NA	0.4
MW-1	06/11/2001	30,000	NA	7,400	390	600	2,300	NA	170	NA	NA	NA	NA	NA	NA	49.13	22.39	26.74	NA	1.6
MW-1	09/12/2001	23,000	NA	7,500	120	280	910	NA	320	NA	NA	NA	NA	NA	NA	49.13	23.37	25.76	NA	2.2
MW-1	12/27/2001	16,000	NA	2,400	190	330	1,500	NA	350	NA	NA	NA	NA	NA	NA	49.13	20.97	28.16	NA	1.3
MW-1	02/27/2002	26,000	NA	6,100	330	510	2,000	NA	210	NA	NA	NA	NA	NA	NA	49.10	20.47	28.63	NA	1.3
MW-1	06/18/2002	29,000	NA	8,100	280	510	1,800	NA	140	NA	NA	NA	NA	NA	NA	49.10	21.99	27.11	NA	2.2
MW-1	09/18/2002	34,000	NA	5,900	350	700	3,000	NA	<250	NA	NA	NA	NA	NA	NA	49.10	23.21	25.89	NA	0.8
MW-1	12/27/2002	7,500	NA	1,200	30	120	410	NA	230	<5.0	<5.0	<5.0	310	31	<5.0	49.10	20.10	29.00	NA	0.6
MW-1	03/05/2003	17,000	NA	1,600	88	400	1,400	NA	230	NA	NA	<10	290	<10	NA	49.10	21.05	28.05	NA	1.7
MW-1	06/24/2003	Well inaccessible		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	49.10	NA	NA	NA	NA

WELL CONCENTRATIONS
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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)	DIPE (ug/L)	ETBE (ug/L)	TAME (ug/L)	TBA (ug/L)	1,2-DCA (ug/L)	EDB (ug/L)	TOC (MSL)	Depth to Water (ft.)	GW Elevation (MSL)	SPH Thickness (ft.)	DO Reading (ppm)
MW-1	06/25/2003	14,000	NA	5,300	250	440	2,100	NA	100	NA	NA	<200	<500	<50	NA	49.10	21.93	27.17	NA	0.9
MW-1	09/25/2003	33,000	NA	7,700	250	860	3,400	NA	130	NA	NA	<200	<500	<50	NA	49.10	23.21	25.89	NA	1.7
MW-1	12/15/2003	63,000	NA	14,000	360	1,300	3,900	NA	150	NA	NA	<400	<1000	<100	NA	49.10	22.08	27.02	NA	1.5
MW-1	**03/04/2004**	**28,000**	**NA**	**8,000**	**180**	**640**	**2,100**	**NA**	**79**	**NA**	**NA**	**<200**	**<500**	**<50**	**NA**	**49.10**	**19.85**	**29.25**	**NA**	**0.2**
MW-2	02/13/1992	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	45.83	22.22	23.61	NA	NA
MW-2	02/24/1992	17,000	2,700a	6,200	1,600	550	1,900	NA	NA	NA	NA	NA	NA	NA	NA	45.83	19.61	26.22	NA	NA
MW-2	02/27/1992	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	45.83	19.92	25.91	NA	NA
MW-2	03/01/1992	86,000	1,000a	30,000	34,000	2,300	16,000	NA	NA	NA	NA	NA	NA	NA	NA	45.83	21.11	24.72	NA	NA
MW-2	06/03/1992	87,000	NA	28,000	18,000	2,000	10,000	NA	NA	NA	NA	NA	NA	NA	NA	45.83	21.58	24.25	NA	NA
MW-2	09/01/1992	110,000	NA	21,000	13,000	1,900	7,800	NA	NA	NA	NA	NA	NA	NA	NA	45.83	23.46	22.37	NA	NA
MW-2	10/06/1992	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	45.83	23.99	21.84	NA	NA
MW-2	11/11/1992	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	45.83	24.25	21.58	NA	NA
MW-2	12/04/1992	42,000	NA	15,000	2,400	960	2,900	NA	NA	NA	NA	NA	NA	NA	NA	45.83	23.89	21.94	NA	NA
MW-2	01/22/1993	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	45.83	17.03	28.80	NA	NA
MW-2	02/10/1993	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	45.83	18.08	27.75	NA	NA
MW-2	03/03/1993	160,000	NA	36,000	3,800	32,000	21,000	NA	NA	NA	NA	NA	NA	NA	NA	45.83	17.28	28.55	NA	NA
MW-2 (D)	03/03/1993	150,000	NA	31,000	3,100	20,000	14,000	NA	NA	NA	NA	NA	NA	NA	NA	45.83	17.28	28.55	NA	NA
MW-2	05/11/1993	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	45.83	18.41	27.42	NA	NA
MW-2	06/17/1993	65,000	NA	34,000	15,000	3,200	11,000	NA	NA	NA	NA	NA	NA	NA	NA	45.83	19.06	26.77	NA	NA
MW-2 (D)	06/17/1993	62,000	NA	28,000	14,000	2,700	10,000	NA	NA	NA	NA	NA	NA	NA	NA	45.83	19.06	26.77	NA	NA
MW-2	09/10/1993	72,000	NA	24,000	16,000	2,300	11,000	NA	NA	NA	NA	NA	NA	NA	NA	45.83	20.88	24.95	NA	NA
MW-2 (D)	09/10/1993	71,000	NA	23,000	15,000	2,300	10,000	NA	NA	NA	NA	NA	NA	NA	NA	45.83	20.88	24.95	NA	NA
MW-2	12/13/1993	19,000	NA	5,400	4,900	680	3,100	NA	NA	NA	NA	NA	NA	NA	NA	45.83	20.42	25.41	NA	NA
MW-2 (D)	12/13/1993	17,000	NA	6,200	5,500	720	3,500	NA	NA	NA	NA	NA	NA	NA	NA	45.83	20.42	25.41	NA	NA
MW-2	03/03/1994	110,000	NA	21,000	24,000	2,000	13,000	NA	NA	NA	NA	NA	NA	NA	NA	45.83	18.48	27.35	NA	NA
MW-2 (D)	03/03/1994	93,000	NA	19,000	22,000	1,800	12,000	NA	NA	NA	NA	NA	NA	NA	NA	45.83	18.48	27.35	NA	NA
MW-2	06/06/1994	10,000	NA	1,900	3,300	2,500	13,000	NA	NA	NA	NA	NA	NA	NA	NA	45.83	20.26	25.57	NA	NA
MW-2 (D)	06/06/1994	99,000	NA	9,900	12,000	2,400	12,000	NA	NA	NA	NA	NA	NA	NA	NA	45.83	20.26	25.57	NA	NA
MW-2	09/12/1994	160,000	NA	22,000	33,000	3,400	23,000	NA	NA	NA	NA	NA	NA	NA	NA	45.83	21.80	24.03	NA	NA
MW-2 (D)	09/12/1994	150,000	NA	23,000	34,000	3,500	23,000	NA	NA	NA	NA	NA	NA	NA	NA	45.83	21.80	24.03	NA	NA
MW-2	12/19/1994	80,000	NA	17,000	16,000	2,300	14,000	NA	NA	NA	NA	NA	NA	NA	NA	45.83	19.66	26.17	NA	NA
MW-2 (D)	12/19/1994	100,000	NA	28,000	26,000	3,400	20,000	NA	NA	NA	NA	NA	NA	NA	NA	45.83	19.66	26.17	NA	NA
MW-2	02/28/1995	100,000	NA	24,000	18,000	2,300	17,000	NA	NA	NA	NA	NA	NA	NA	NA	45.83	17.51	28.32	NA	NA
MW-2 (D)	02/28/1995	100,000	NA	31,000	21,000	3,200	18,000	NA	NA	NA	NA	NA	NA	NA	NA	45.83	17.51	28.32	NA	NA

WELL CONCENTRATIONS
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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)	DIPE (ug/L)	ETBE (ug/L)	TAME (ug/L)	TBA (ug/L)	1,2-DCA (ug/L)	EDB (ug/L)	TOC (MSL)	Depth to Water (ft.)	GW Elevation (MSL)	SPH Thickness (ft.)	DO Reading (ppm)
MW-2	03/24/1995	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	45.83	14.88	30.95	NA	NA
MW-2	06/26/1995	45,000	NA	14,000	12,000	1,500	7,500	NA	NA	NA	NA	NA	NA	NA	NA	45.83	17.58	28.25	NA	NA
MW-2 (D)	06/26/1995	68,000	NA	13,000	11,000	1,800	7,700	NA	NA	NA	NA	NA	NA	NA	NA	45.83	17.58	28.25	NA	NA
MW-2	09/13/1995	110,000	NA	19,000	19,000	2,800	15,000	NA	NA	NA	NA	NA	NA	NA	NA	45.83	19.28	26.55	NA	NA
MW-2 (D)	09/13/1995	120,000	NA	20,000	20,000	2,900	15,000	NA	NA	NA	NA	NA	NA	NA	NA	45.83	19.28	26.55	NA	NA
MW-2	12/19/1995	180,000	NA	18,000	29,000	4,100	24,000	NA	NA	NA	NA	NA	NA	NA	NA	45.83	18.61	27.22	NA	NA
MW-2 (D)	12/19/1995	160,000	NA	18,000	28,000	3,800	24,000	NA	NA	NA	NA	NA	NA	NA	NA	45.83	18.61	27.22	NA	NA
MW-2	03/06/1996	120,000	NA	28,000	15,000	3,900	17,000	NA	NA	NA	NA	NA	NA	NA	NA	45.83	15.41	30.42	NA	NA
MW-2	06/28/1996	96,000	NA	20,000	20,000	4,100	22,000	2,400	NA	NA	NA	NA	NA	NA	NA	45.83	17.84	27.99	NA	NA
MW-2	09/26/1996	87,000	NA	7,600	11,000	2,500	15,000	990	840	NA	NA	NA	NA	NA	NA	45.83	19.60	26.23	NA	NA
MW-2	12/10/1996	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	45.83	18.15	27.88	0.25	NA
MW-2	03/10/1997	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	45.83	17.02	28.97	0.20	NA
MW-2	06/30/1997	57,000	NA	3,600	4,600	1,300	9,700	2,300	NA	NA	NA	NA	NA	NA	NA	45.83	19.42	26.41	NA	2.4
MW-2	09/12/1997	88,000	NA	7,800	8,800	2,600	16,000	3,200	NA	NA	NA	NA	NA	NA	NA	45.83	19.40	26.43	NA	1.7
MW-2 (D)	09/12/1997	90,000	NA	8,300	9,400	2,700	17,000	3,400	NA	NA	NA	NA	NA	NA	NA	45.83	19.40	26.43	NA	1.7
MW-2 b	12/18/1997	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	45.83	17.56	28.27	NA	1.3
MW-2	02/02/1998	<50	NA	0.6	1.9	0.93	6.0	9.3	NA	NA	NA	NA	NA	NA	NA	45.83	18.14	27.69	NA	2
MW-2 (D)	02/02/1998	56	NA	1.0	2.8	1.4	9.3	13	NA	NA	NA	NA	NA	NA	NA	45.83	18.14	27.69	NA	2
MW-2	06/24/1998	20,000	NA	<200	620	560	4,500	<1,000	NA	NA	NA	NA	NA	NA	NA	45.83	16.08	29.75	NA	2.4
MW-2	08/26/1998	22,000	NA	380	1,100	560	4,400	330	NA	NA	NA	NA	NA	NA	NA	45.83	19.25	26.58	NA	NA
MW-2 (D)	08/26/1998	11,000	NA	180	130	290	500	1,400	NA	NA	NA	NA	NA	NA	NA	45.83	19.25	26.58	NA	NA
MW-2	12/23/1998	100,000	NA	4,100	6,500	2,400	16,000	<500	NA	NA	NA	NA	NA	NA	NA	45.83	18.29	27.54	NA	3.8
MW-2	03/01/1999	50,800	NA	3,910	7,480	1,890	13,100	9,620	NA	NA	NA	NA	NA	NA	NA	45.83	22.81	23.02	NA	2.0
MW-2	06/14/1999	4,930	NA	128	270	139	1,040	2,200	2,540*	NA	NA	NA	NA	NA	NA	45.83	18.86	26.97	NA	1.6
MW-2	09/28/1999	16,200	NA	647	1,070	542	4,130	5,320	4,790	NA	NA	NA	NA	NA	NA	45.83	21.41	24.42	NA	1.8
MW-2	12/08/1999	25,700	NA	1,670	2,110	977	6,600	6,190	5,970	NA	NA	NA	NA	NA	NA	45.83	21.89	23.94	NA	1.8
MW-2	03/14/2000	45,100	NA	2,070	4,710	1,920	12,800	16,700	18,300*	NA	NA	NA	NA	NA	NA	45.83	15.57	30.26	NA	2.0
MW-2	06/28/2000	52,100	NA	5,150	4,200	1,880	13,300	15,500	13,500*	NA	NA	NA	NA	NA	NA	45.83	17.79	28.04	NA	1.9
MW-2	09/06/2000	39,500	NA	4,490	3,290	2,100	14,000	18,500	9,060*	NA	NA	NA	NA	NA	NA	45.83	18.65	27.18	NA	3.5
MW-2	12/14/2000	209	NA	3.51	1.11	1.00	64.4	79.4	NA	NA	NA	NA	NA	NA	NA	45.83	19.00	26.83	NA	1.5
MW-2	03/05/2001	38,200	NA	2,010	927	1,250	8,300	13,100	15,400	NA	NA	NA	NA	NA	NA	45.83	16.66	29.17	NA	1.0
MW-2	06/11/2001	50,000	NA	4,400	2,200	1,800	11,000	NA	26,000	NA	NA	NA	NA	NA	NA	45.83	18.93	26.90	NA	1.7
MW-2	09/12/2001	59,000	NA	6,100	2,800	2,300	14,000	NA	21,000	NA	NA	NA	NA	NA	NA	45.83	19.85	25.98	NA	1.6
MW-2	12/27/2001	74,000	NA	8,600	2,500	2,500	17,000	NA	25,000	NA	NA	NA	NA	NA	NA	45.83	17.85	27.98	NA	2.6
MW-2	02/27/2002	70,000	NA	8,100	2,600	2,100	13,000	NA	32,000	NA	NA	NA	NA	NA	NA	45.79	17.15	28.64	NA	2.0

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MW-2	06/18/2002	72,000	NA	9,500	3,000	2,200	13,000	NA	29,000	NA	NA	NA	NA	NA	NA	45.79	18.49	27.30	NA	0.6
MW-2	09/18/2002	48,000	NA	7,600	850	1,300	6,300	NA	8,700	NA	NA	NA	NA	NA	NA	45.79	19.95	25.84	NA	1.0
MW-2	12/27/2002	40,000	NA	5,900	1,200	1,400	7,800	NA	19,000	<50	<50	55	10,000	<50	<50	45.79	16.71	29.08	NA	1.0
MW-2	03/05/2003	62,000	NA	13,000	1,400	2,000	7,900	NA	21,000	NA	NA	<50	10,000	<50	NA	45.79	17.72	28.07	NA	1.4
MW-2	06/24/2003	19,000	NA	9,500	530	700	2,900	NA	14,000	NA	NA	<400	6,000	<100	NA	45.79	18.30	27.49	NA	1.4
MW-2	09/25/2003	65,000	NA	24,000	1,500	2,400	9,700	NA	19,000	NA	NA	<1,000	6,400	<250	NA	45.79	20.05	25.74	NA	1.3
MW-2	12/15/2003	67,000	NA	18,000	1,800	1,900	7,200	NA	11,000	NA	NA	<400	3,700	<100	NA	45.79	18.80	26.99	NA	0.1
MW-2	**03/04/2004**	**72,000**	**NA**	**27,000**	**1,200**	**2,100**	**7,600**	**NA**	**13,000**	**NA**	**NA**	**<400**	**6,800**	**<100**	**NA**	**45.79**	**16.75**	**29.04**	**NA**	**0.2**
MW-3	02/13/1992	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	51.97	27.97	24.00	NA	NA
MW-3	02/24/1992	4,500	1,300a	97	<5	78	18	NA	NA	NA	NA	NA	NA	NA	NA	51.97	25.60	26.37	NA	NA
MW-3	02/27/1992	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	51.97	25.88	26.09	NA	NA
MW-3	03/01/1992	2,200	440	69	<0.5	<0.5	<0.5	NA	NA	NA	NA	NA	NA	NA	NA	51.97	26.00	25.97	NA	NA
MW-3	06/03/1992	4,100	NA	13	72	44	65	NA	NA	NA	NA	NA	NA	NA	NA	51.97	27.70	24.27	NA	NA
MW-3	09/01/1992	1,900	NA	20	6.8	5.5	<5	NA	NA	NA	NA	NA	NA	NA	NA	51.97	29.46	22.51	NA	NA
MW-3 (D)	09/01/1992	1,900	NA	21	6.6	3.4	<5	NA	NA	NA	NA	NA	NA	NA	NA	51.97	29.46	22.51	NA	NA
MW-3	10/06/1992	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	51.97	30.01	21.96	NA	NA
MW-3	11/11/1992	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	51.97	30.26	21.71	NA	NA
MW-3	12/04/1992	2,400	NA	8.2	<5	<5	<5	NA	NA	NA	NA	NA	NA	NA	NA	51.97	29.93	22.04	NA	NA
MW-3 (D)	12/04/1992	2,100	NA	11	<0.5	5.7	<0.5	NA	NA	NA	NA	NA	NA	NA	NA	51.97	29.93	22.04	NA	NA
MW-3	01/22/1993	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	51.97	22.76	29.21	NA	NA
MW-3	02/10/1993	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	51.97	21.40	30.57	NA	NA
MW-3	03/03/1993	5,100	NA	63	61	75	150	NA	NA	NA	NA	NA	NA	NA	NA	51.97	23.08	28.89	NA	NA
MW-3	05/11/1993	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	51.97	24.51	27.46	NA	NA
MW-3	06/17/1993	4,000	NA	94	140	82	150	NA	NA	NA	NA	NA	NA	NA	NA	51.97	25.21	26.76	NA	NA
MW-3	09/10/1993	3,200	NA	140	12.5	12.5	12.5	NA	NA	NA	NA	NA	NA	NA	NA	51.97	26.95	25.02	NA	NA
MW-3	12/13/1993	6,200	NA	<12.5	<12.5	<12.5	<12.5	NA	NA	NA	NA	NA	NA	NA	NA	51.97	26.52	25.45	NA	NA
MW-3	03/03/1994	4,500	NA	73	<5	<5	<5	NA	NA	NA	NA	NA	NA	NA	NA	51.97	24.50	27.47	NA	NA
MW-3	06/06/1994	3,200	NA	<0.5	<0.5	3.1	<0.5	NA	NA	NA	NA	NA	NA	NA	NA	51.97	26.33	25.64	NA	NA
MW-3	09/12/1994	3,900	NA	<0.5	<0.5	9.6	4.1	NA	NA	NA	NA	NA	NA	NA	NA	51.97	27.98	23.99	NA	NA
MW-3	12/19/1994	2,400	NA	21	22	4.2	2.6	NA	NA	NA	NA	NA	NA	NA	NA	51.97	25.63	26.34	NA	NA
MW-3	02/28/1995	4,000	NA	58	<0.5	7.1	3.5	NA	NA	NA	NA	NA	NA	NA	NA	51.97	23.45	28.52	NA	NA
MW-3	03/24/1995	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	51.97	21.07	30.90	NA	NA
MW-3	06/26/1995	3,900	NA	8.1	<0.5	12	2.4	NA	NA	NA	NA	NA	NA	NA	NA	51.97	23.64	28.33	NA	NA
MW-3	09/13/1995	4,100	NA	58	5.5	5.5	<0.5	NA	NA	NA	NA	NA	NA	NA	NA	51.97	25.40	26.57	NA	NA

WELL CONCENTRATIONS
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1784 150th Avenue
San Leandro, 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)	DIPE (ug/L)	ETBE (ug/L)	TAME (ug/L)	TBA (ug/L)	1,2-DCA (ug/L)	EDB (ug/L)	TOC (MSL)	Depth to Water (ft.)	GW Elevation (MSL)	SPH Thickness (ft.)	DO Reading (ppm)
MW-3	12/19/1995	3,600	NA	<0.5	4.3	2.1	1.1	NA	NA	NA	NA	NA	NA	NA	NA	51.97	24.53	27.44	NA	NA
MW-3	03/07/1996	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	51.97	21.59	30.41	0.04	NA
MW-3	06/28/1996	2,400	NA	55	<0.5	<0.5	11	120	NA	NA	NA	NA	NA	NA	NA	51.97	23.95	28.02	NA	NA
MW-3	09/26/1996	2,500	NA	<5.0	<5.0	<5.0	<5.0	160	NA	NA	NA	NA	NA	NA	NA	51.97	25.89	26.08	NA	NA
MW-3	12/10/1996	1,600	NA	28	4.2	<2.0	3.9	110	NA	NA	NA	NA	NA	NA	NA	51.97	24.22	27.75	NA	0.8
MW-3	03/10/1997	130	NA	<0.50	<0.50	<0.50	1.4	4.2	NA	NA	NA	NA	NA	NA	NA	51.97	23.05	28.92	NA	2.8
MW-3	06/30/1997	1,200	NA	21	2.3	<2.0	<2.0	69	NA	NA	NA	NA	NA	NA	NA	51.97	24.34	27.63	NA	2.3
MW-3	09/12/1997	440	NA	8.3	0.82	<0.50	1.9	3.4	NA	NA	NA	NA	NA	NA	NA	51.97	24.47	27.50	NA	1.9
MW-3 b	12/18/1997	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	51.97	23.54	28.43	NA	0.8
MW-3	02/02/1998	400	NA	9.3	0.68	<0.50	<0.50	9	NA	NA	NA	NA	NA	NA	NA	51.97	21.92	30.05	NA	1.5
MW-3	06/24/1998	<50	NA	<0.50	<0.50	<0.50	<0.50	<2.5	NA	NA	NA	NA	NA	NA	NA	51.97	22.35	29.62	NA	1.9
MW-3	08/26/1998	140	NA	7.4	<0.50	<0.50	2.5	13	NA	NA	NA	NA	NA	NA	NA	51.97	23.45	28.52	NA	1.3
MW-3	12/23/1998	1,200	NA	50	<2.0	<2.0	<2.0	69	NA	NA	NA	NA	NA	NA	NA	51.97	24.01	27.96	NA	4.2
MW-3	03/01/1999	2,550	NA	<0.500	<0.500	<0.500	0.658	32.4	NA	NA	NA	NA	NA	NA	NA	51.97	22.08	29.89	NA	2.0
MW-3	06/14/1999	514	NA	18.1	0.728	<0.500	<0.500	15.9	NA	NA	NA	NA	NA	NA	NA	51.97	23.15	28.82	NA	1.7
MW-3	09/28/1999	1,180	NA	<1.00	<1.00	<1.00	<1.00	<10.0	NA	NA	NA	NA	NA	NA	NA	51.97	25.36	26.61	NA	1.2
MW-3	12/08/1999	1,740	NA	71.5	23.0	24.2	61.3	103	NA	NA	NA	NA	NA	NA	NA	51.97	25.75	26.22	NA	2.0
MW-3	03/14/2000	1,410	NA	5.63	35.6	<5.00	8.41	38.7	NA	NA	NA	NA	NA	NA	NA	51.97	21.64	30.33	NA	2.1
MW-3	06/28/2000	2,460	NA	<5.00	9.48	<5.00	28.4	64.0	NA	NA	NA	NA	NA	NA	NA	51.97	23.84	28.13	NA	2.87
MW-3	09/06/2000	887	NA	<1.00	<1.00	<1.00	<1.00	<10.0	NA	NA	NA	NA	NA	NA	NA	51.97	24.73	27.24	NA	2.0
MW-3	12/14/2000	955	NA	25.4	1.96	<0.500	1.13	10.2	NA	NA	NA	NA	NA	NA	NA	51.97	25.45	26.52	NA	2.1
MW-3	03/05/2001	2,100	NA	4.90	56.5	<2.00	3.62	261	NA	NA	NA	NA	NA	NA	NA	51.97	22.83	29.14	NA	0.8
MW-3	06/11/2001	2,000	NA	1.0	<0.50	<0.50	<0.50	NA	<0.50	NA	NA	NA	NA	NA	NA	51.97	25.20	26.77	NA	0.7
MW-3	09/12/2001	1,500	NA	0.50	0.54	<0.50	1.8	NA	<5.0	NA	NA	NA	NA	NA	NA	51.97	26.15	25.82	NA	1.5
MW-3	12/27/2001	2,100	NA	<0.50	<0.50	<0.50	<0.50	NA	<5.0	NA	NA	NA	NA	NA	NA	51.97	23.67	28.30	NA	1.9
MW-3	02/27/2002	2,300	NA	<0.50	<0.50	<0.50	<0.50	NA	<5.0	NA	NA	NA	NA	NA	NA	51.92	23.23	28.69	NA	1.5
MW-3	06/18/2002	2,000	NA	<0.50	<0.50	<0.50	<0.50	NA	<0.50	NA	NA	NA	NA	NA	NA	51.92	24.74	27.18	NA	2.0
MW-3	09/18/2002	2,600	NA	<0.50	<0.50	<0.50	<0.50	NA	<5.0	NA	NA	NA	NA	NA	NA	51.92	26.05	25.87	NA	1.4
MW-3	12/27/2002	Well inaccessible		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	51.92	NA	NA	NA	NA
MW-3	03/05/2003	2,300	NA	<0.50	<0.50	<0.50	<0.50	NA	<5.0	NA	NA	<2.0	<50	13	NA	51.92	23.84	28.08	NA	1.3
MW-3	06/24/2003	Well inaccessible		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	51.92	NA	NA	NA	NA
MW-3	06/25/2003	1,800 c	NA	0.71	<0.50	<0.50	<1.0	NA	0.54	NA	NA	<2.0	<5.0	1.1	NA	51.92	24.48	27.44	NA	1.3
MW-3	09/25/2003	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	51.92	25.99	25.93	NA	NA
MW-3	12/15/2003	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	51.92	24.94	26.98	NA	NA
MW-3	**03/04/2004**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**51.92**	**22.50**	**29.42**	**NA**	**NA**

WELL CONCENTRATIONS
Shell-branded Service Station
1784 150th Avenue
San Leandro, 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)	DIPE (ug/L)	ETBE (ug/L)	TAME (ug/L)	TBA (ug/L)	1,2-DCA (ug/L)	EDB (ug/L)	TOC (MSL)	Depth to Water (ft.)	GW Elevation (MSL)	SPH Thickness (ft.)	DO Reading (ppm)
MW-4	03/24/1995	<50	NA	<0.5	<0.5	<0.5	<0.5	NA	NA	NA	NA	NA	NA	NA	NA	40.51	9.16	31.35	NA	NA
MW-4	06/26/1995	<50	NA	<0.5	<0.5	<0.5	<0.5	NA	NA	NA	NA	NA	NA	NA	NA	40.51	12.06	28.45	NA	NA
MW-4	09/13/1995	<50	NA	<0.5	<0.5	<0.5	<0.5	NA	NA	NA	NA	NA	NA	NA	NA	40.51	13.90	26.61	NA	NA
MW-4	12/19/1995	<50	NA	<0.5	<0.5	<0.5	<0.5	NA	NA	NA	NA	NA	NA	NA	NA	40.51	12.90	27.61	NA	NA
MW-4	03/06/1996	<50	NA	<0.5	<0.5	<0.5	<0.5	NA	NA	NA	NA	NA	NA	NA	NA	40.51	9.63	30.88	NA	NA
MW-4	06/28/1996	40	NA	<0.5	0.59	0.97	3.8	26	NA	NA	NA	NA	NA	NA	NA	40.51	12.30	28.21	NA	NA
MW-4	09/26/1996	<50	NA	<0.5	<0.5	<0.5	<0.5	<2.5	NA	NA	NA	NA	NA	NA	NA	40.51	14.12	26.39	NA	NA
MW-4	12/10/1996	<50	NA	<0.5	<0.5	<0.5	<0.5	<2.5	NA	NA	NA	NA	NA	NA	NA	40.51	12.31	28.20	NA	1.2
MW-4	03/10/1997	<50	NA	<0.50	<0.50	<0.50	<0.50	<2.5	NA	NA	NA	NA	NA	NA	NA	40.51	11.34	29.17	NA	NA
MW-4	06/30/1997	<50	NA	<0.50	<0.50	<0.50	<0.50	<2.5	NA	NA	NA	NA	NA	NA	NA	40.51	13.80	26.71	NA	1.9
MW-4	09/12/1997	<50	NA	<0.50	<0.50	<0.50	<0.50	<2.5	NA	NA	NA	NA	NA	NA	NA	40.51	13.99	26.52	NA	1.7
MW-4 b	12/18/1997	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	40.51	12.02	28.49	NA	1.8
MW-4	02/02/1998	<50	NA	<0.50	<0.50	<0.50	<0.50	<2.5	NA	NA	NA	NA	NA	NA	NA	40.51	11.23	29.28	NA	1
MW-4	06/24/1998	<50	NA	<0.50	<0.50	<0.50	<0.50	<2.5	NA	NA	NA	NA	NA	NA	NA	40.51	10.58	29.93	NA	1.9
MW-4	08/26/1998	<50	NA	<0.50	<0.50	<0.50	<0.50	<2.5	NA	NA	NA	NA	NA	NA	NA	40.51	11.75	28.76	NA	1.2
MW-4	12/23/1998	<50	NA	0.60	<0.50	<0.50	<0.50	<2.5	NA	NA	NA	NA	NA	NA	NA	40.51	12.41	28.10	NA	4.2
MW-4	03/01/1999	<50.0	NA	<0.500	<0.500	<0.500	<0.500	<2.00	NA	NA	NA	NA	NA	NA	NA	40.51	10.38	30.13	NA	2.1
MW-4	06/14/1999	<50.0	NA	<0.500	<0.500	<0.500	<0.500	<2.50	NA	NA	NA	NA	NA	NA	NA	40.51	11.91	28.60	NA	2.4
MW-4	09/28/1999	<50.0	NA	<0.500	<0.500	<0.500	<0.500	<5.00	NA	NA	NA	NA	NA	NA	NA	40.51	10.19	30.32	NA	2.2
MW-4	12/08/1999	<50.0	NA	<0.500	<0.500	<0.500	<0.500	<2.50	NA	NA	NA	NA	NA	NA	NA	40.51	10.67	29.84	NA	1.8
MW-4	03/14/2000	<50.0	NA	<0.500	<0.500	<0.500	<0.500	<2.50	NA	NA	NA	NA	NA	NA	NA	40.51	9.95	30.56	NA	2.5
MW-4	06/28/2000	<50.0	NA	<0.500	<0.500	<0.500	<0.500	<2.50	NA	NA	NA	NA	NA	NA	NA	40.51	12.22	28.29	NA	0.9
MW-4	09/06/2000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	40.51	13.17	27.34	NA	3.0
MW-4	12/14/2000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	40.51	8.65	31.86	NA	NA
MW-4	03/05/2001	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	40.51	11.07	29.44	NA	NA
MW-4	06/11/2001	<50	NA	<0.50	<0.50	<0.50	<0.50	NA	<0.50	NA	NA	NA	NA	NA	NA	40.51	13.62	26.89	NA	1.3
MW-4	09/12/2001	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	40.51	14.61	25.90	NA	NA
MW-4	12/27/2001	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	40.51	12.19	28.32	NA	NA
MW-4	02/27/2002	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	40.45	11.64	28.81	NA	NA
MW-4	06/18/2002	<50	NA	<0.50	<0.50	<0.50	<0.50	NA	<0.50	NA	NA	NA	NA	NA	NA	40.45	13.22	27.23	NA	0.6
MW-4	09/18/2002	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	40.45	14.46	25.99	NA	NA
MW-4	12/27/2002	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	40.45	11.23	29.22	NA	NA
MW-4	03/05/2003	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	40.45	12.22	28.23	NA	NA
MW-4	06/24/2003	57 c	NA	<0.50	<0.50	<0.50	<1.0	NA	12	NA	NA	NA	NA	NA	NA	40.45	12.79	27.66	NA	1.6

WELL CONCENTRATIONS
Shell-branded Service Station
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San Leandro, 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)	DIPE (ug/L)	ETBE (ug/L)	TAME (ug/L)	TBA (ug/L)	1,2-DCA (ug/L)	EDB (ug/L)	TOC (MSL)	Depth to Water (ft.)	GW Elevation (MSL)	SPH Thickness (ft.)	DO Reading (ppm)
MW-4	09/25/2003	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	40.45	14.45	26.00	NA	NA
MW-4	12/15/2003	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	40.45	13.24	27.21	NA	NA
MW-4	**03/04/2004**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**40.45**	**10.93**	**29.52**	**NA**	**NA**
MW-5	01/29/2002	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	41.46	12.82	28.64	NA	NA
MW-5	02/27/2002	190	NA	<0.50	<0.50	0.85	1.5	NA	<5.0	NA	NA	NA	NA	NA	NA	41.46	12.85	28.61	NA	1.9
MW-5	06/18/2002	650	NA	1.4	3.0	52	28	NA	<0.50	NA	NA	NA	NA	NA	NA	41.46	13.65	27.81	NA	0.8
MW-5	09/18/2002	390	NA	0.72	0.51	<0.50	<0.50	NA	<5.0	NA	NA	NA	NA	NA	NA	41.46	15.57	25.89	NA	1.1
MW-5	12/27/2002	380	NA	<0.50	<0.50	0.56	<0.50	NA	<0.50	<2.0	<2.0	<2.0	<50	<2.0	<2.0	41.46	12.51	28.95	NA	1.9
MW-5	03/05/2003	290	NA	<0.50	1.7	9.4	22	NA	<5.0	NA	NA	NA	NA	NA	NA	41.46	13.39	28.07	NA	2.6
MW-5	06/24/2003	220	NA	<0.50	1.0	19	1.3	NA	<0.50	NA	NA	NA	NA	NA	NA	41.46	13.91	27.55	NA	1.7
MW-5	09/25/2003	<50	NA	<0.50	<0.50	<0.50	<1.0	NA	<0.50	NA	NA	NA	NA	NA	NA	41.46	15.58	25.88	NA	2.1
MW-5	12/15/2003	200 c	NA	<0.50	<0.50	<0.50	<1.0	NA	<0.50	NA	NA	NA	NA	NA	NA	41.46	14.45	27.01	NA	0.21
MW-5	**03/04/2004**	**170 c**	**NA**	**<0.50**	**<0.50**	**<0.50**	**<1.0**	**NA**	**<0.50**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**41.46**	**12.52**	**28.94**	**NA**	**0.1**
MW-6	01/29/2002	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	41.50	3.88	37.62	NA	NA
MW-6	01/31/2002	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	41.50	12.43	29.07	NA	NA
MW-6	02/27/2002	<50	NA	<0.50	<0.50	<0.50	<0.50	NA	<5.0	NA	NA	NA	NA	NA	NA	41.50	12.82	28.68	NA	4.1
MW-6	06/18/2002	<50	NA	<0.50	<0.50	<0.50	<0.50	NA	<0.50	NA	NA	NA	NA	NA	NA	41.50	4.26	37.24	NA	3.9
MW-6	09/18/2002	<50	NA	<0.50	<0.50	<0.50	<0.50	NA	<5.0	NA	NA	NA	NA	NA	NA	41.50	5.26	36.24	NA	4.2
MW-6	12/27/2002	<50	NA	<0.50	<0.50	<0.50	<0.50	NA	<0.50	<2.0	<2.0	<2.0	<50	<2.0	<2.0	41.50	12.11	29.39	NA	3.0
MW-6	03/05/2003	<50	NA	<0.50	<0.50	<0.50	<0.50	NA	<5.0	NA	NA	NA	NA	NA	NA	41.50	13.47	28.03	NA	4.9
MW-6	06/24/2003	<50	NA	<0.50	<0.50	<0.50	<1.0	NA	<0.50	NA	NA	NA	NA	NA	NA	41.50	13.71	27.79	NA	5.8
MW-6	09/25/2003	Well inaccessible		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	41.50	NA	NA	NA	NA
MW-6	12/15/2003	<50	NA	<0.50	<0.50	<0.50	<1.0	NA	<0.50	NA	NA	NA	NA	NA	NA	41.50	13.17	28.33	NA	5.7
MW-6	**03/04/2004**	**<50**	**NA**	**<0.50**	**<0.50**	**<0.50**	**<1.0**	**NA**	**<0.50**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**41.50**	**11.15**	**30.35**	**NA**	**5.6**
MW-7	10/21/2002	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	44.45	18.90	25.55	NA	NA
MW-7	12/27/2002	49,000	NA	830	980	2,000	5,200	NA	<10	<10	<10	<10	<100	<10	<10	44.45	15.43	29.02	NA	2.1
MW-7	03/05/2003	32,000	NA	370	490	1,600	2,900	NA	<100	NA	NA	NA	NA	NA	NA	44.45	16.34	28.11	NA	2.6
MW-7	06/24/2003	Well inaccessible		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	44.45	NA	NA	NA	NA
MW-7	09/25/2003	8,700	NA	57	34	450	290	NA	<5.0	NA	NA	NA	NA	NA	NA	44.45	18.36	26.09	NA	1.2
MW-7	12/15/2003	27,000	NA	170	260	1,200	1,500	NA	<10	NA	NA	NA	NA	NA	NA	44.45	17.44	27.01	NA	1.3
MW-7	**03/04/2004**	**13,000**	**NA**	**200**	**190**	**1,200**	**1,200**	**NA**	**<5.0**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**44.45**	**15.45**	**29.00**	**NA**	**0.1**

WELL CONCENTRATIONS
Shell-branded Service Station
1784 150th Avenue
San Leandro, 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)	DIPE (ug/L)	ETBE (ug/L)	TAME (ug/L)	TBA (ug/L)	1,2-DCA (ug/L)	EDB (ug/L)	TOC (MSL)	Depth to Water (ft.)	GW Elevation (MSL)	SPH Thickness (ft.)	DO Reading (ppm)
MW-8	10/21/2002	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	43.27	17.70	25.57	NA	NA
MW-8	12/27/2002	30,000	NA	280	220	2,000	5,300	NA	<10	<10	<10	<10	<100	<10	<10	43.27	14.25	29.02	NA	1.2
MW-8	03/05/2003	30,000	NA	220	150	2,100	4,200	NA	<100	NA	NA	NA	NA	NA	NA	43.27	15.36	27.91	NA	1.3
MW-8	06/24/2003	Well inaccessible		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	43.27	NA	NA	NA	NA
MW-8	09/25/2003	26,000	NA	240	53	1,600	2,600	NA	<50	NA	NA	NA	NA	NA	NA	43.27	17.43	25.84	NA	1.0
MW-8	12/15/2003	38,000	NA	290	140	2,200	5,200	NA	<13	NA	NA	NA	NA	NA	NA	43.27	16.24	27.03	NA	0.4
MW-8	**03/04/2004**	**19,000**	**NA**	**180**	**95**	**1,400**	**3,900**	**NA**	**<13**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**43.27**	**14.63**	**28.64**	**NA**	**0.1**
MW-9	12/10/2003	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	41.65	15.15	26.50	NA	NA
MW-9	12/15/2003	<50	NA	<0.50	<0.50	<0.50	1.3	NA	2.5	NA	NA	NA	NA	NA	NA	41.65	14.48	27.17	NA	0.9
MW-9	**03/04/2004**	**<50**	**NA**	**<0.50**	**<0.50**	**<0.50**	**<1.0**	**NA**	**<0.50**	**NA**	**NA**	**NA**	**NA**	**NA**	**NA**	**41.65**	**12.15**	**29.50**	**NA**	**0.2**
MW-10	12/10/2003	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	50.64	24.33	26.31	NA	NA
MW-10	12/15/2003	6,400	NA	3.1	<1.0	33	20	NA	<1.0	NA	NA	<4.0	<10	<1.0	NA	50.64	23.58	27.06	NA	0.3
MW-10	**03/04/2004**	**1,400**	**NA**	**1.2**	**<1.0**	**16**	**3.4**	**NA**	**<1.0**	**NA**	**NA**	**<4.0**	**<10**	**<1.0**	**NA**	**50.64**	**21.20**	**29.44**	**NA**	**0.1**
MW-11	12/10/2003	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	45.58	19.10	26.48	NA	NA
MW-11	12/15/2003	110,000	NA	9,900	3,300	3,900	23,000	NA	20,000	NA	NA	<800	18,000	<200	NA	45.58	18.50	27.08	NA	0.3
MW-11	**03/04/2004**	**68,000**	**NA**	**5,300**	**3,000**	**3,600**	**23,000**	**NA**	**8,300**	**NA**	**NA**	**<200**	**12,000**	**<50**	**NA**	**45.58**	**16.67**	**28.91**	**NA**	**0.1**

WELL CONCENTRATIONS
Shell-branded Service Station
1784 150th Avenue
San Leandro, 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)	DIPE (ug/L)	ETBE (ug/L)	TAME (ug/L)	TBA (ug/L)	1,2-DCA (ug/L)	EDB (ug/L)	TOC (MSL)	Depth to Water (ft.)	GW Elevation (MSL)	SPH Thickness (ft.)	DO Reading (ppm)

Abbreviations:
TPPH = Total petroleum hydrocarbons as gasoline by EPA Method 8260B; prior to June 11, 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 June 11, 2001, analyzed by EPA Method 8020.
MTBE = Methyl-tertiary-butyl ether
DIPE = Di-isopropyl ether, analyzed by EPA Method 8260
ETBE = Ethyl tert-butyl ether, analyzed by EPA Method 8260
TAME = Tert-amyl methyl ether, analyzed by EPA Method 8260
TBA = Tert-butyl alcohol, analyzed by EPA Method 8260
1,2-DCA = 1,2-dichloroethane, analyzed by EPA Method 8260
EDB = 1,2-dibromomethane or ethlyene dibromide, analyzed by EPA Method 8260
TOC = Top of Casing Elevation
SPH = Separate-Phase Hydrocarbons
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
NA = Not applicable

Notes:
a = Chromatogram pattern indicates an unidentified hydrocarbon.
b = Samples not analyzed due to laboratory oversight.
c = Hydrocarbon does not match pattern of laboratory's standard.
* = Sample analyzed out of EPA recommended hold time.
Site surveyed January 23, 2002, by Virgil Chavez Land Surveying of Vallejo, California.
Survey data for wells MW-7 and MW-8 provided by Cambria Environmental Technology.
Wells MW-9, MW-10, and MW-11 surveyed December 11, 2003, by Virgil Chavez Land Surveying of Vallejo, California.

SEVERN TRENT STL

Submission#: 2004-03-0152

Blaine Tech Services, Inc.

March 30, 2004

1680 Rogers Avenue
San Jose, CA 95112-1105

Attn.: Leon Gearhart

Project#: 040304-SS1
Project: 98996068
Site: 1784 150th Ave., San Leandro

Dear Mr.Gearhart,

Attached is our report for your samples received on 03/04/2004 17:45
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 04/18/2004 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

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: 040304-SS1
98996068

Received: 03/04/2004 17:45

Site: 1784 150th Ave., San Leandro

Samples Reported

Sample Name	Date Sampled	Matrix	Lab #
MW-5	03/04/2004 09:30	Water	3
MW-6	03/04/2004 09:05	Water	4
MW-7	03/04/2004 09:55	Water	5
MW-8	03/04/2004 10:15	Water	6
MW-9	03/04/2004 10:42	Water	7

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

Blaine Tech Services, Inc.

Attn.: Leon Gearhart

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

Project: 040304-SS1
98996068

Received: 03/04/2004 17:45

Site: 1784 150th Ave., San Leandro

Prep(s):	5030B	Test(s):	8260B
Sample ID:	**MW-5**	Lab ID:	2004-03-0152 - 3
Sampled:	03/04/2004 09:30	Extracted:	3/13/2004 15:55
Matrix:	Water	QC Batch#:	2004/03/13-1B.66

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Gasoline	170	50	ug/L	1.00	03/13/2004 15:55	g
Benzene	ND	0.50	ug/L	1.00	03/13/2004 15:55	
Toluene	ND	0.50	ug/L	1.00	03/13/2004 15:55	
Ethylbenzene	ND	0.50	ug/L	1.00	03/13/2004 15:55	
Total xylenes	ND	1.0	ug/L	1.00	03/13/2004 15:55	
Methyl tert-butyl ether (MTBE)	ND	0.50	ug/L	1.00	03/13/2004 15:55	
Surrogate(s)						
1,2-Dichloroethane-d4	104.9	76-130	%	1.00	03/13/2004 15:55	
Toluene-d8	100.0	78-115	%	1.00	03/13/2004 15:55	

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

Blaine Tech Services, Inc.
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Project: 040304-SS1
98996068

Received: 03/04/2004 17:45

Site: 1784 150th Ave., San Leandro

Prep(s):	5030B	Test(s):	8260B
Sample ID:	**MW-6**	Lab ID:	2004-03-0152 - 4
Sampled:	03/04/2004 09:05	Extracted:	3/12/2004 20:26
Matrix:	Water	QC Batch#:	2004/03/12-2B.62

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Gasoline	ND	50	ug/L	1.00	03/12/2004 20:26	
Benzene	ND	0.50	ug/L	1.00	03/12/2004 20:26	
Toluene	ND	0.50	ug/L	1.00	03/12/2004 20:26	
Ethylbenzene	ND	0.50	ug/L	1.00	03/12/2004 20:26	
Total xylenes	ND	1.0	ug/L	1.00	03/12/2004 20:26	
Methyl tert-butyl ether (MTBE)	ND	0.50	ug/L	1.00	03/12/2004 20:26	
Surrogate(s)						
1,2-Dichloroethane-d4	108.8	76-130	%	1.00	03/12/2004 20:26	
Toluene-d8	98.2	78-115	%	1.00	03/12/2004 20:26	

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

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Project: 040304-SS1
98996068

Received: 03/04/2004 17:45

Site: 1784 150th Ave., San Leandro

Prep(s):	5030B	Test(s):	8260B
Sample ID:	**MW-7**	Lab ID:	2004-03-0152 - 5
Sampled:	03/04/2004 09:55	Extracted:	3/12/2004 21:32
Matrix:	Water	QC Batch#:	2004/03/12-2B 62

Analysis Flag: o (See Legend and Note Section)

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Gasoline	13000	500	ug/L	10.00	03/12/2004 21:32	
Benzene	200	5.0	ug/L	10.00	03/12/2004 21:32	
Toluene	190	5.0	ug/L	10.00	03/12/2004 21:32	
Ethylbenzene	1200	5.0	ug/L	10.00	03/12/2004 21:32	
Total xylenes	1200	10	ug/L	10.00	03/12/2004 21:32	
Methyl tert-butyl ether (MTBE)	ND	5.0	ug/L	10.00	03/12/2004 21:32	
Surrogate(s)						
1,2-Dichloroethane-d4	112.8	76-130	%	10.00	03/12/2004 21:32	
Toluene-d8	97.1	78-115	%	10.00	03/12/2004 21:32	

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

Blaine Tech Services, Inc.

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Project: 040304-SS1
98996068

Received: 03/04/2004 17:45

Site: 1784 150th Ave., San Leandro

Prep(s): 5030B
Sample ID: **MW-8**
Sampled: 03/04/2004 10:15
Matrix: Water
Analysis Flag: o (See Legend and Note Section)

Test(s): 8260B
Lab ID: 2004-03-0152 - 6
Extracted: 3/12/2004 21:54
QC Batch#: 2004/03/12-2B.62

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Gasoline	19000	1300	ug/L	25.00	03/12/2004 21:54	
Benzene	180	13	ug/L	25.00	03/12/2004 21:54	
Toluene	95	13	ug/L	25.00	03/12/2004 21:54	
Ethylbenzene	1400	13	ug/L	25.00	03/12/2004 21:54	
Total xylenes	3900	25	ug/L	25.00	03/12/2004 21:54	
Methyl tert-butyl ether (MTBE)	ND	13	ug/L	25.00	03/12/2004 21:54	
Surrogate(s)						
1,2-Dichloroethane-d4	103.6	76-130	%	25.00	03/12/2004 21:54	
Toluene-d8	96.7	78-115	%	25.00	03/12/2004 21:54	

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

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Project: 040304-SS1
98996068

Received: 03/04/2004 17:45

Site: 1784 150th Ave., San Leandro

Prep(s):	5030B	Test(s):	8260B
Sample ID:	**MW-9**	Lab ID:	2004-03-0152 - 7
Sampled:	03/04/2004 10:42	Extracted:	3/12/2004 22:16
Matrix:	Water	QC Batch#:	2004/03/12-2B.62

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Gasoline	ND	50	ug/L	1.00	03/12/2004 22:16	
Benzene	ND	0.50	ug/L	1.00	03/12/2004 22:16	
Toluene	ND	0.50	ug/L	1.00	03/12/2004 22:16	
Ethylbenzene	ND	0.50	ug/L	1.00	03/12/2004 22:16	
Total xylenes	ND	1.0	ug/L	1.00	03/12/2004 22:16	
Methyl tert-butyl ether (MTBE)	ND	0.50	ug/L	1.00	03/12/2004 22:16	
Surrogate(s)						
1,2-Dichloroethane-d4	100.0	76-130	%	1.00	03/12/2004 22:16	
Toluene-d8	97.3	78-115	%	1.00	03/12/2004 22:16	

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

Blaine Tech Services, Inc.

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Project: 040304-SS1
98996068

Received: 03/04/2004 17:45

Site: 1784 150th Ave., San Leandro

Batch QC Report

Prep(s): 5030B — Test(s): 8260B

Method Blank — **Water** — **QC Batch # 2004/03/12-2B.62**

MB: 2004/03/12-2B 62-052 — Date Extracted: 03/12/2004 18:52

Compound	Conc.	RL	Unit	Analyzed	Flag
Gasoline	ND	50	ug/L	03/12/2004 18:52	
Methyl tert-butyl ether (MTBE)	ND	0.5	ug/L	03/12/2004 18:52	
Benzene	ND	0.5	ug/L	03/12/2004 18:52	
Toluene	ND	0.5	ug/L	03/12/2004 18:52	
Ethylbenzene	ND	0.5	ug/L	03/12/2004 18:52	
Total xylenes	ND	1.0	ug/L	03/12/2004 18:52	
Surrogates(s)					
1,2-Dichloroethane-d4	105.4	76-130	%	03/12/2004 18:52	
Toluene-d8	94.0	78-115	%	03/12/2004 18:52	

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

Blaine Tech Services, Inc.

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San Jose, CA 95112-1105
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Project: 040304-SS1
98996068

Received: 03/04/2004 17:45

Site: 1784 150th Ave., San Leandro

Batch QC Report

Prep(s): 5030B — Test(s): 8260B

Method Blank — **Water** — **QC Batch # 2004/03/13-1B.66**

MB: 2004/03/13-1B.66-048 — Date Extracted: 03/13/2004 09:48

Compound	Conc.	RL	Unit	Analyzed	Flag
Gasoline	ND	50	ug/L	03/13/2004 09:48	
Methyl tert-butyl ether (MTBE)	ND	0.5	ug/L	03/13/2004 09:48	
Benzene	ND	0.5	ug/L	03/13/2004 09:48	
Toluene	ND	0.5	ug/L	03/13/2004 09:48	
Ethylbenzene	ND	0.5	ug/L	03/13/2004 09:48	
Total xylenes	ND	1.0	ug/L	03/13/2004 09:48	
Surrogates(s)					
1,2-Dichloroethane-d4	102.8	76-130	%	03/13/2004 09:48	
Toluene-d8	100.0	78-115	%	03/13/2004 09:48	

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: 040304-SS1
98996068

Received: 03/04/2004 17:45

Site: 1784 150th Ave., San Leandro

Batch QC Report

Prep(s): 5030B

Test(s): 8260B

Laboratory Control Spike | **Water** | **QC Batch # 2004/03/12-2B.62**

LCS 2004/03/12-2B.62-008 Extracted: 03/12/2004 Analyzed: 03/12/2004 18:08

LCSD 2004/03/12-2B.62-030 Extracted: 03/12/2004 Analyzed: 03/12/2004 18:30

Compound	Conc. ug/L		Exp.Conc.	Recovery %		RPD	Ctrl.Limits %		Flags	
	LCS	LCSD		LCS	LCSD	%	Rec.	RPD	LCS	LCSD
Methyl tert-butyl ether (MTBE)	26.5	25.5	25	106.0	102.0	3.8	65-165	20		
Benzene	23.6	26.5	25	94.4	106.0	11.6	69-129	20		
Toluene	23.8	27.0	25	95.2	108.0	12.6	70-130	20		
Surrogates(s)										
1,2-Dichloroethane-d4	483	523	500	96.6	104.6		76-130			
Toluene-d8	469	489	500	93.8	97.8		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: 040304-SS1
98996068

Received: 03/04/2004 17:45

Site: 1784 150th Ave., San Leandro

Batch QC Report

Prep(s): 5030B

Test(s): 8260B

Laboratory Control Spike **Water** **QC Batch # 2004/03/13-1B.66**

LCS 2004/03/13-1B.66-059 Extracted: 03/13/2004 Analyzed: 03/13/2004 08:59

LCSD 2004/03/13-1B.66-023 Extracted: 03/13/2004 Analyzed: 03/13/2004 09:23

Compound	Conc. ug/L		Exp.Conc.	Recovery %		RPD	Ctrl.Limits %		Flags	
	LCS	LCSD		LCS	LCSD	%	Rec.	RPD	LCS	LCSD
Methyl tert-butyl ether (MTBE)	21.2	20.5	25	84.8	82.0	3.4	65-165	20		
Benzene	22.0	21.9	25	88.0	87.6	0.5	69-129	20		
Toluene	22.6	22.2	25	90.4	88.8	1.8	70-130	20		
Surrogates(s)										
1,2-Dichloroethane-d4	481	468	500	96.2	93.6		76-130			
Toluene-d8	507	493	500	101.4	98.6		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: 040304-SS1
98996068

Received: 03/04/2004 17:45

Site: 1784 150th Ave., San Leandro

Batch QC Report

Prep(s): 5030B

Test(s): 8260B

Matrix Spike (MS / MSD) **Water** **QC Batch # 2004/03/12-2B.62**

MW-6 >> MS

Lab ID: 2004-03-0152 - 004

MS: 2004/03/12-2B.62-048 Extracted: 03/12/2004 Analyzed: 03/12/2004 20:48

Dilution: 1.00

MSD: 2004/03/12-2B.62-010 Extracted: 03/12/2004 Analyzed: 03/12/2004 21:10

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	23.1	21.1	ND	25	92.4	84.4	9.0	69-129	20		
Toluene	23.8	21.8	ND	25	95.2	87.2	8.8	70-130	20		
Methyl tert-butyl ether	27.0	23.0	ND	25	108.0	92.0	16.0	65-165	20		
Surrogate(s)											
1,2-Dichloroethane-d4	555	494		500	111.0	98.8		76-130			
Toluene-d8	508	485		500	101.6	97.0		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: 040304-SS1
98996068

Received: 03/04/2004 17:45

Site: 1784 150th Ave., San Leandro

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.

Gas/BTEX Fuel Oxygenates by 8260B (C6-C12)

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Project: 040304-SS1
98996068

Received: 03/04/2004 17:45

Site: 1784 150th Ave., San Leandro

Samples Reported

Sample Name	Date Sampled	Matrix	Lab #
MW-1	03/04/2004 11:38	Water	1
MW-2	03/04/2004 12:06	Water	2
MW-10	03/04/2004 11:15	Water	8
MW-11	03/04/2004 12:23	Water	9

Gas/BTEX Fuel Oxygenates by 8260B (C6-C12)

Blaine Tech Services, Inc.

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

Project: 040304-SS1
98996068

Received: 03/04/2004 17:45

Site: 1784 150th Ave., San Leandro

Prep(s):	5030B	Test(s):	8260B
Sample ID:	**MW-1**	Lab ID:	2004-03-0152 - 1
Sampled:	03/04/2004 11:38	Extracted:	3/15/2004 21:16
Matrix:	Water	QC Batch#:	2004/03/15-2A.66

Analysis Flag: o (See Legend and Note Section)

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Gasoline	28000	5000	ug/L	100.00	03/15/2004 21:16	
Benzene	8000	50	ug/L	100.00	03/15/2004 21:16	
Toluene	180	50	ug/L	100.00	03/15/2004 21:16	
Ethylbenzene	640	50	ug/L	100.00	03/15/2004 21:16	
Total xylenes	2100	100	ug/L	100.00	03/15/2004 21:16	
tert-Butyl alcohol (TBA)	ND	500	ug/L	100.00	03/15/2004 21:16	
Methyl tert-butyl ether (MTBE)	79	50	ug/L	100.00	03/15/2004 21:16	
tert-Amyl methyl ether (TAME)	ND	200	ug/L	100.00	03/15/2004 21:16	
1,2-DCA	ND	50	ug/L	100.00	03/15/2004 21:16	
Surrogate(s)						
1,2-Dichloroethane-d4	100.8	76-130	%	100.00	03/15/2004 21:16	
Toluene-d8	97.0	78-115	%	100.00	03/15/2004 21:16	

Gas/BTEX Fuel Oxygenates by 8260B (C6-C12)

Blaine Tech Services, Inc.

Attn.: Leon Gearhart

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

Project: 040304-SS1
98996068

Received: 03/04/2004 17:45

Site: 1784 150th Ave., San Leandro

Prep(s): 5030B
Sample ID: **MW-2**
Sampled: 03/04/2004 12:06
Matrix: Water
Analysis Flag: o (See Legend and Note Section)

Test(s): 8260B
Lab ID: 2004-03-0152 - 2
Extracted: 3/15/2004 21:40
QC Batch#: 2004/03/15-2A.66

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Gasoline	72000	10000	ug/L	200.00	03/15/2004 21:40	
Benzene	27000	100	ug/L	200.00	03/15/2004 21:40	
Toluene	1200	100	ug/L	200.00	03/15/2004 21:40	
Ethylbenzene	2100	100	ug/L	200.00	03/15/2004 21:40	
Total xylenes	7600	200	ug/L	200.00	03/15/2004 21:40	
tert-Butyl alcohol (TBA)	6800	1000	ug/L	200.00	03/15/2004 21:40	
Methyl tert-butyl ether (MTBE)	13000	100	ug/L	200.00	03/15/2004 21:40	
tert-Amyl methyl ether (TAME)	ND	400	ug/L	200.00	03/15/2004 21:40	
1,2-DCA	ND	100	ug/L	200.00	03/15/2004 21:40	
Surrogate(s)						
1,2-Dichloroethane-d4	120.2	76-130	%	200.00	03/15/2004 21:40	
Toluene-d8	98.6	78-115	%	200.00	03/15/2004 21:40	

Gas/BTEX Fuel Oxygenates by 8260B (C6-C12)

Blaine Tech Services, Inc.

Attn.: Leon Gearhart

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

Project: 040304-SS1
98996068

Received: 03/04/2004 17:45

Site: 1784 150th Ave., San Leandro

Prep(s): 5030B
Sample ID: **MW-10**
Sampled: 03/04/2004 11:15
Matrix: Water
Analysis Flag: o (See Legend and Note Section)

Test(s): 8260B
Lab ID: 2004-03-0152 - 8
Extracted: 3/12/2004 22:38
QC Batch#: 2004/03/15-2A.66

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Gasoline	1400	100	ug/L	2.00	03/12/2004 22:38	
Benzene	1.2	1.0	ug/L	2.00	03/12/2004 22:38	
Toluene	ND	1.0	ug/L	2.00	03/12/2004 22:38	
Ethylbenzene	16	1.0	ug/L	2.00	03/12/2004 22:38	
Total xylenes	3.4	2.0	ug/L	2.00	03/12/2004 22:38	
tert-Butyl alcohol (TBA)	ND	10	ug/L	2.00	03/12/2004 22:38	
Methyl tert-butyl ether (MTBE)	ND	1.0	ug/L	2.00	03/12/2004 22:38	
tert-Amyl methyl ether (TAME)	ND	4.0	ug/L	2.00	03/12/2004 22:38	
1,2-DCA	ND	1.0	ug/L	2.00	03/12/2004 22:38	
Surrogate(s)						
1,2-Dichloroethane-d4	108.2	76-130	%	2.00	03/12/2004 22:38	
Toluene-d8	98.0	78-115	%	2.00	03/12/2004 22:38	

Gas/BTEX Fuel Oxygenates by 8260B (C6-C12)

Blaine Tech Services, Inc.

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

Project: 040304-SS1
98996068

Received: 03/04/2004 17:45

Site: 1784 150th Ave., San Leandro

Prep(s): 5030B
Test(s): 8260B
Sample ID: **MW-11**
Lab ID: 2004-03-0152 - 9
Sampled: 03/04/2004 12:23
Extracted: 3/17/2004 12:50
Matrix: Water
QC Batch#: 2004/03/17-1A.62
Analysis Flag: o (See Legend and Note Section)

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Gasoline	68000	5000	ug/L	100.00	03/17/2004 12:50	
Benzene	5300	50	ug/L	100.00	03/17/2004 12:50	
Toluene	3000	50	ug/L	100.00	03/17/2004 12:50	
Ethylbenzene	3600	50	ug/L	100.00	03/17/2004 12:50	
Total xylenes	23000	100	ug/L	100.00	03/17/2004 12:50	
tert-Butyl alcohol (TBA)	12000	500	ug/L	100.00	03/17/2004 12:50	
Methyl tert-butyl ether (MTBE)	8300	50	ug/L	100.00	03/17/2004 12:50	
tert-Amyl methyl ether (TAME)	ND	200	ug/L	100.00	03/17/2004 12:50	
1,2-DCA	ND	50	ug/L	100.00	03/17/2004 12:50	
Surrogate(s)						
1,2-Dichloroethane-d4	98.9	76-130	%	100.00	03/17/2004 12:50	
Toluene-d8	99.3	78-115	%	100.00	03/17/2004 12:50	

Gas/BTEX Fuel Oxygenates 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: 040304-SS1
98996068

Received: 03/04/2004 17:45

Site: 1784 150th Ave., San Leandro

Batch QC Report

Prep(s): 5030B — Test(s): 8260B

Method Blank — **Water** — **QC Batch # 2004/03/15-2A.66**

MB: 2004/03/15-2A.66-013 — Date Extracted: 03/15/2004 18:13

Compound	Conc.	RL	Unit	Analyzed	Flag
Gasoline	ND	50	ug/L	03/15/2004 18:13	
tert-Butyl alcohol (TBA)	ND	5.0	ug/L	03/15/2004 18:13	
Methyl tert-butyl ether (MTBE)	ND	0.5	ug/L	03/15/2004 18:13	
tert-Amyl methyl ether (TAME)	ND	2.0	ug/L	03/15/2004 18:13	
1,2-DCA	ND	0.5	ug/L	03/15/2004 18:13	
Benzene	ND	0.5	ug/L	03/15/2004 18:13	
Toluene	ND	0.5	ug/L	03/15/2004 18:13	
Ethylbenzene	ND	0.5	ug/L	03/15/2004 18:13	
Total xylenes	ND	1.0	ug/L	03/15/2004 18:13	
Surrogates(s)					
1,2-Dichloroethane-d4	105.6	76-130	%	03/15/2004 18:13	
Toluene-d8	99.0	78-115	%	03/15/2004 18:13	

Gas/BTEX Fuel Oxygenates by 8260B (C6-C12)

Blaine Tech Services, Inc.

Attn.: Leon Gearhart

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

Project: 040304-SS1
98996068

Received: 03/04/2004 17:45

Site: 1784 150th Ave., San Leandro

Batch QC Report

Prep(s): 5030B — Test(s): 8260B

Method Blank — **Water** — **QC Batch # 2004/03/17-1A.62**

MB: 2004/03/17-1A.62-048 — Date Extracted: 03/17/2004 09:48

Compound	Conc.	RL	Unit	Analyzed	Flag
Gasoline	ND	50	ug/L	03/17/2004 09:48	
tert-Butyl alcohol (TBA)	ND	5.0	ug/L	03/17/2004 09:48	
Methyl tert-butyl ether (MTBE)	ND	0.5	ug/L	03/17/2004 09:48	
tert-Amyl methyl ether (TAME)	ND	2.0	ug/L	03/17/2004 09:48	
1,2-DCA	ND	0.5	ug/L	03/17/2004 09:48	
Benzene	ND	0.5	ug/L	03/17/2004 09:48	
Toluene	ND	0.5	ug/L	03/17/2004 09:48	
Ethylbenzene	ND	0.5	ug/L	03/17/2004 09:48	
Total xylenes	ND	1.0	ug/L	03/17/2004 09:48	
Surrogates(s)					
1,2-Dichloroethane-d4	100.4	76-130	%	03/17/2004 09:48	
Toluene-d8	98.4	78-115	%	03/17/2004 09:48	

Gas/BTEX Fuel Oxygenates by 8260B (C6-C12)

Blaine Tech Services, Inc.

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

Project: 040304-SS1
98996068

Received: 03/04/2004 17:45

Site: 1784 150th Ave., San Leandro

Batch QC Report

Prep(s): 5030B

Test(s): 8260B

Laboratory Control Spike **Water** **QC Batch # 2004/03/15-2A.66**

LCS 2004/03/15-2A.66-025 Extracted: 03/15/2004 Analyzed: 03/15/2004 17:25

LCSD 2004/03/15-2A.66-049 Extracted: 03/15/2004 Analyzed: 03/15/2004 17:49

Compound	Conc. ug/L		Exp.Conc.	Recovery %		RPD	Ctrl.Limits %		Flags	
	LCS	LCSD		LCS	LCSD	%	Rec.	RPD	LCS	LCSD
Methyl tert-butyl ether (MTBE)	24.0	23.7	25	96.0	94.8	1.3	65-165	20		
Benzene	25.2	24.8	25	100.8	99.2	1.6	69-129	20		
Toluene	24.3	23.6	25	97.2	94.8	2.5	70-130	20		
Surrogates(s)										
1,2-Dichloroethane-d4	495	487	500	99.0	97.4		76-130			
Toluene-d8	493	487	500	98.6	97.4		78-115			

Gas/BTEX Fuel Oxygenates by 8260B (C6-C12)

Blaine Tech Services, Inc.

Attn.: Leon Gearhart

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

Project: 040304-SS1
98996068

Received: 03/04/2004 17:45

Site: 1784 150th Ave., San Leandro

Batch QC Report

Prep(s): 5030B

Test(s): 8260B

Laboratory Control Spike **Water** **QC Batch # 2004/03/17-1A.62**

LCS 2004/03/17-1A.62-004 Extracted: 03/17/2004 Analyzed: 03/17/2004 09:04

LCSD 2004/03/17-1A.62-026 Extracted: 03/17/2004 Analyzed: 03/17/2004 09:26

Compound	Conc. ug/L		Exp.Conc.	Recovery %		RPD	Ctrl.Limits %		Flags	
	LCS	LCSD		LCS	LCSD	%	Rec.	RPD	LCS	LCSD
Methyl tert-butyl ether (MTBE)	29.2	28.5	25	116.8	114.0	2.4	65-165	20		
Benzene	23.6	22.5	25	94.4	90.0	4.8	69-129	20		
Toluene	24.8	24.2	25	99.2	96.8	2.4	70-130	20		
Surrogates(s)										
1,2-Dichloroethane-d4	482	484	500	96.4	96.8		76-130			
Toluene-d8	482	492	500	96.4	98.4		78-115			

Gas/BTEX Fuel Oxygenates by 8260B (C6-C12)

Blaine Tech Services, Inc.

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

Project: 040304-SS1
98996068

Received: 03/04/2004 17:45

Site: 1784 150th Ave., San Leandro

Legend and Notes

Analysis Flag

o

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

SHELL Chain of Custody Record

93541

Lab Identification (if necessary):

Address:

City, State, Zip:

Shell Project Manager to be Invoiced: Karen Petryna

☑ SCIENCE & ENGINEERING ☐ TECHNICAL SERVICES ☐ CRMT HOUSTON

2004-03-0152

INCIDENT NUMBER (S&E ONLY): 98996068

SAP or CRMT NUMBER (TS/CRMT):

DATE: 3/4/04

PAGE: 1 of 1

CONSULTANT COMPANY	LAB CODE	SITE ADDRESS (Street and City)	GLOBAL ID NO.
Blaine Tech Services	BTSS	1784 150th Ave., San Leandro	T0600101230

ADDRESS	EDF DELIVERABLE TO (Consultant's Party or Designee)	PHONE NO.	EMAIL	CONSULTANT PROJECT NO.
1680 Rogers Avenue, San Jose, CA 95112	Anni Kreml	(510) 420-3335	ShellOaklandEDF@cambria-env.com	040309-551

PROJECT CONTACT (Hardcopy or PDF Report to)	TELEPHONE	FAX	EMAIL	BTS #
Leon Gearhart	408-573-0555	408-573-7771	lgearhart@blainetech.com	

SAMPLER NAME(S) (Print): SUCHON SUNG

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:

GOLD 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, Purgable	BTEX	MTBE (8021B - 5ppb RL)	MTBE (8260B - 0.5ppb RL)	Oxygenates (4) by (8260B)	Ethanol (8260B)	Methanol	EDB & 1,2-DCA (8260B)	TAME, TBA	TPH - Diesel, Extractable (8015m)	MTBE (8260B) Confirmation, See Note
	MW-1	3/4/04	1138	GW	3	X	X		X				X	X		
	MW-2		1206			X	X		X				X	X		
	MW-5		930			X	X		X							
	MW-6		905			X	X		X							
	MW-7		955			X	X		X							
	MW-8		1015			X	X		X							
	MW-9		1042			X	X		X							
	MW-10		1115			X	X		X				X	X		
	MW-11	↓	1223	↓	↓	X	X		X				X	X		

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

4.0 TEMPERATURE ON RECEIPT C°

Relinquished by: (Signature)	Received by: (Signature)	Date	Time
Relinquished by: (Signature)	Received by: (Signature)	Date: 3/4/04	Time: 1945
Relinquished by: (Signature) 3/4/04 1745	Received by: (Signature)	Date:	Time:
Relinquished by: (Signature)	Received by: (Signature)	Date: 3-4-04	Time: 1745

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

TS1800 Revision

Q&D Graphic (714) 998-9332

WELL GAUGING DATA

Project # 040304-551 Date 3/4/04 Client 98996068

Site 7854 150th Ave. SAN LEANDRO

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					19.85	44.60		
* MW-2	4					16.75	44.40		
MW-3	4					22.50	41.60		6.0
MW-4	2					10.93	25.05		6.0
MW-5	2					12.52	24.95		
MW-6	2					11.15	19.50		
MW-7	2					15.45	28.90		
MW-8	2					14.63	29.13		
MW-9	2					12.15	34.80		
MW-10	4					21.20	31.60		
MW-11	4					16.67	24.75	TOC ✓	
* GAUGED W/ STINGER IN WELL									
ALL CAPS REMOVED 15 MINUTES PRIOR TO GAUGING									

SHELL WELL MONITORING DATA SHEET

BTS #: 040304-SS1	Site: 98596068
Sampler: SOOCH	Date: 3/4/04
Well I.D.: MW-1	Well Diameter: 2 3 (4) 6 8 ____
Total Well Depth (TD): 44.60	Depth to Water (DTW): 19.85
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]: 24.80	

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

16 (Gals.) X 3 = 48 Gals.
1 Case Volume | Specified Volumes | Calculated Volume

Time	Temp (°F)	pH	Cond. (mS or µS)	Turbidity (NTUs)	Gals. Removed	Observations
1128	67.2	6.7	1785	20	16	CLEAR, GAS ODOR
1131	67.8	6.8	1828	17	32	" "
1134	67.9	6.8	1843	10	48	"

Did well dewater? Yes (No) Gallons actually evacuated: 48

Sampling Date: 3/4/04 Sampling Time: 1138 Depth to Water: 21.15

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

Analyzed for: (TPH-G) (BTEX) (MTBE) TPH-D Other: TAME, TBA, 1,2-DCA (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)	0.2	mg/L
O.R.P. (if req'd):	Pre-purge:	mV	Post-purge:		mV

SHELL WELL MONITORING DATA SHEET

BTS #: 040304-SS1	Site: 98996068
Sampler: SDOGA	Date: 3/4/04
Well I.D.: MW-2	Well Diameter: 2 3 (4) 6 8 ___
Total Well Depth (TD): 44.40	Depth to Water (DTW): 16.75
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]: 22.28	

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: _____

18 (Gals.) X 3 = 54 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
1153	69.9	6.6	1547	19	18	CLEAR, GAS ODOR
1157	70.0	6.6	1580	13	36	"
1201	69.9	6.6	1600	13	54	"

Did well dewater? Yes (No) Gallons actually evacuated: 54

Sampling Date: 3/4/04 Sampling Time: 1206 Depth to Water: 22.25

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

Analyzed for: (TPH-G) BTEX (MTBE) TPH-D Other: TAME, TBA, 1,2-DCA (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:	0.2 mg/L
O.R.P. (if req'd):	Pre-purge:	mV	Post-purge:	mV

SHELL WELL MONITORING DATA SHEET

BTS #: 040304-SS1	Site: 98996068
Sampler: SOOCA	Date: 3/4/04
Well I.D.: MW-5	Well Diameter: (2) 3 4 6 8 ____
Total Well Depth (TD): 24.95	Depth to Water (DTW): 12.52
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]: 15.01	

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: _____

2 (Gals.) X 3 = 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 (uS))	Turbidity (NTUs)	Gals. Removed	Observations
923	64.4	7.2	1085	>200	2	cloudy
925	65.1	7.3	1096	>200	4	"
928	65.2	7.3	1093	>200	6	"

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

Sampling Date: 3/4/04 Sampling Time: 930 Depth to Water: 13.30

Sample I.D.: MW-5 Laboratory: (STL) Other_____

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

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

SHELL WELL MONITORING DATA SHEET

BTS #: 040304-SS1	Site: 98996068
Sampler: Scott	Date: 3/4/04
Well I.D.: MW-6	Well Diameter: (2) 3 4 6 8 ____
Total Well Depth (TD): 19.50	Depth to Water (DTW): 11.15
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]: 12.82	

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: _____

1.3 (Gals.) X 3 = 3.9 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 (uS))	Turbidity (NTUs)	Gals. Removed	Observations
859	57.2	7.0	317	>200	1.3	TURBID
901	57.0	6.9	307	>200	2.6	"
903	57.3	6.9	305	>200	4.0	"

Did well dewater? Yes (No) Gallons actually evacuated: 4

Sampling Date: 3/4/04 Sampling Time: 905 Depth to Water: 12.60

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

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

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

SHELL WELL MONITORING DATA SHEET

BTS #: 040304-551	Site: 98996068
Sampler: SOOCA	Date: 3/4/04
Well I.D.: MW-7	Well Diameter: (2) 3 4 6 8 ____
Total Well Depth (TD): 26.90	Depth to Water (DTW): 15.95
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]: 17.74	

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

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

1.8 (Gals.) X 3 = 5.4 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
947	66.8	6.2	3294	>200	1.8	TURBID/GAS ODOR
949	67.9	6.3	3409	>200	3.6	" "
952	67.7	6.3	3429	>200	5.5	"

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

Sampling Date: 3/4/04 Sampling Time: 955 Depth to Water: 18.75 (TRAFFIC)

Sample I.D.: MW-7 Laboratory: (STL) Other_____

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

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

SHELL WELL MONITORING DATA SHEET

BTS #: 040304-SS1	Site: 98996068
Sampler: SOOA	Date: 3/4/04
Well I.D.: ~~D-24.13~~ MW-8	Well Diameter: (2) 3 4 6 8 ____
Total Well Depth (TD): 24.13	Depth to Water (DTW): 14.63
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]: 16.53

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

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

1.5 (Gals.) X 3 = 4.5 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
1006	66.2	6.9	1576	>200	1.5	TURBID/ODOR
1010	66.7	6.8	1520	>200	3.0	" "
1012	67.1	6.9	1521	>200	4.5	"

Did well dewater? Yes (No) Gallons actually evacuated: 4.5

Sampling Date: 3/4/04 Sampling Time: 1015 Depth to Water: 17.70 (TRAFFIC)

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

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

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

SHELL WELL MONITORING DATA SHEET

BTS #: 040304-SS1	Site: 98696068
Sampler: SOOCA	Date: 3/4/04
Well I.D.: MW-9	Well Diameter: (2) 3 4 6 8 ____
Total Well Depth (TD): 34.80	Depth to Water (DTW): 12.15
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]: 16.68	

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 (uS))	Turbidity (NTUs)	Gals. Removed	Observations
1032	65.4	7.4	1121	>200	3.6	cloudy
1036	65.2	7.3	1092	>200	7.2	"
1040	65.1	7.3	1085	>200	11.0	TMBLD

Did well dewater? Yes (No) Gallons actually evacuated: 11

Sampling Date: 3/4/04 Sampling Time: 1042 Depth to Water: 15.90

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

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

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

SHELL WELL MONITORING DATA SHEET

STS #: 040304-551	Site: 98996068
Sampler: SDOCH	Date: 3/4/04
Well I.D.: MW-10	Well Diameter: 2 3 (4) 6 8 ____
Total Well Depth (TD): 31.60	Depth to Water (DTW): 21.20
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]: 23.28

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: _____

7 (Gals.) X 3 = 21 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
1105	68.2	6.7	1170	153	7	TURBID
1107	69.0	6.7	1200	>200	14	"
1109	69.0	6.8	1321	>200	21	"

Did well dewater? Yes (No) Gallons actually evacuated: 21

Sampling Date: 3/4/04 Sampling Time: 1115 Depth to Water: 23.25

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

Analyzed for: (TPH-G) (BTEX) (MTBE) TPH-D Other: TAME, TBA, 1,2-DCA (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)	0.1	mg/L
O.R.P. (if req'd):	Pre-purge:	mV	Post-purge:		mV

SHELL WELL MONITORING DATA SHEET

BTS #: 040304-SS1	Site: 9899 6068
Sampler: SOOCal	Date: 3/4/04
Well I.D.: MW-11	Well Diameter: 2 3 (4) 6 8 ___
Total Well Depth (TD): 24.75	Depth to Water (DTW): 16.67
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]: 18.29	

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:_____

5.5 (Gals.) X 3 = 16.5 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
1217	70.7	7.0	1192	44	5.5	Gas odor
1218	70.3	7.0	1214	37	11.0	"
1219	70.1	6.9	1162	108	16.5	"

Did well dewater? Yes (No) Gallons actually evacuated: 16.5

Sampling Date: 3/4/04 Sampling Time: 1223 Depth to Water: 18.29

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

Analyzed for: (TPH-G) (BTEX) (MTBE) TPH-D Other: TAME, TBA, 1,2-DCA (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:	0.1 mg/L
O.R.P. (if req'd):	Pre-purge:	mV	Post-purge:	mV