RO . 367

Shell Oil Products US

February 25, 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 *Fourth Quarter 2003 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

February 25, 2004

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

Re: **Fourth Quarter 2003 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.

FOURTH QUARTER 2003 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 fourth quarter of 2003 showed MTBE concentrations of 2.5 parts per billion (ppb) in well MW-9, 150 ppb in well MW-1, 11,000 ppb in well MW-2, and 20,000 ppb in well MW-7. TBA was detected above the laboratory detection limit in wells MW-2 and MW-11 only, at concentrations of 3,700 ppb and 20,000 ppb, respectively. 1,2-DCA was not detected in any of the on-site wells. Analytical results are presented in Table 1.

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 thereafter. As of January 2, 2004, approximately 5.5 pounds of total petroleum hydrocarbons as gasoline and approximately 1.9 pounds of MTBE had been removed from the subsurface (Table 2). The effect of GWE on MTBE concentrations in well MW-2 is depicted graphically in Figure 3.

Soil and Groundwater Investigation: From November 19 through 20, 2003, Cambria installed one off-site monitoring well (MW-9) and two on-site monitoring wells (MW-10, MW-11) as proposed in Cambria's August 28, 2003 *Soil and Water Investigation Report and Work Plan* and as approved in a September 17, 2003 letter from ACHCSA. Cambria had proposed to install two soil borings (SB-17, SB-18) on the adjacent property southeast of the site. However, the property owner declined to sign an access agreement with Shell, and so Cambria was unable to complete that portion of the investigation.

ANTICIPATED FIRST 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-3, MW-10 and MW-11 will continue to be analyzed quarterly for MTBE, TAME, TBA and 1,2-DCA.

GWE: Onyx will continue conducting monthly GWE using monitoring well MW-2. Onyx will also commence monthly GWE using MW-11, so that GWE is conducted twice per month at the site.

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.

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.

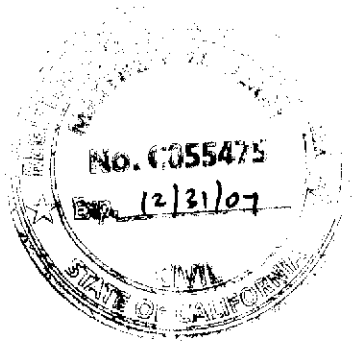
Sincerely,
Cambria Environmental Technology, Inc

Caryl A. Weekley

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

Matthew W. Derby

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 Analytical Data - Oxygenates
2 - 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

G:\San Leandro 1784 150th\QM\4q03\4q03qm.doc

01/26/04

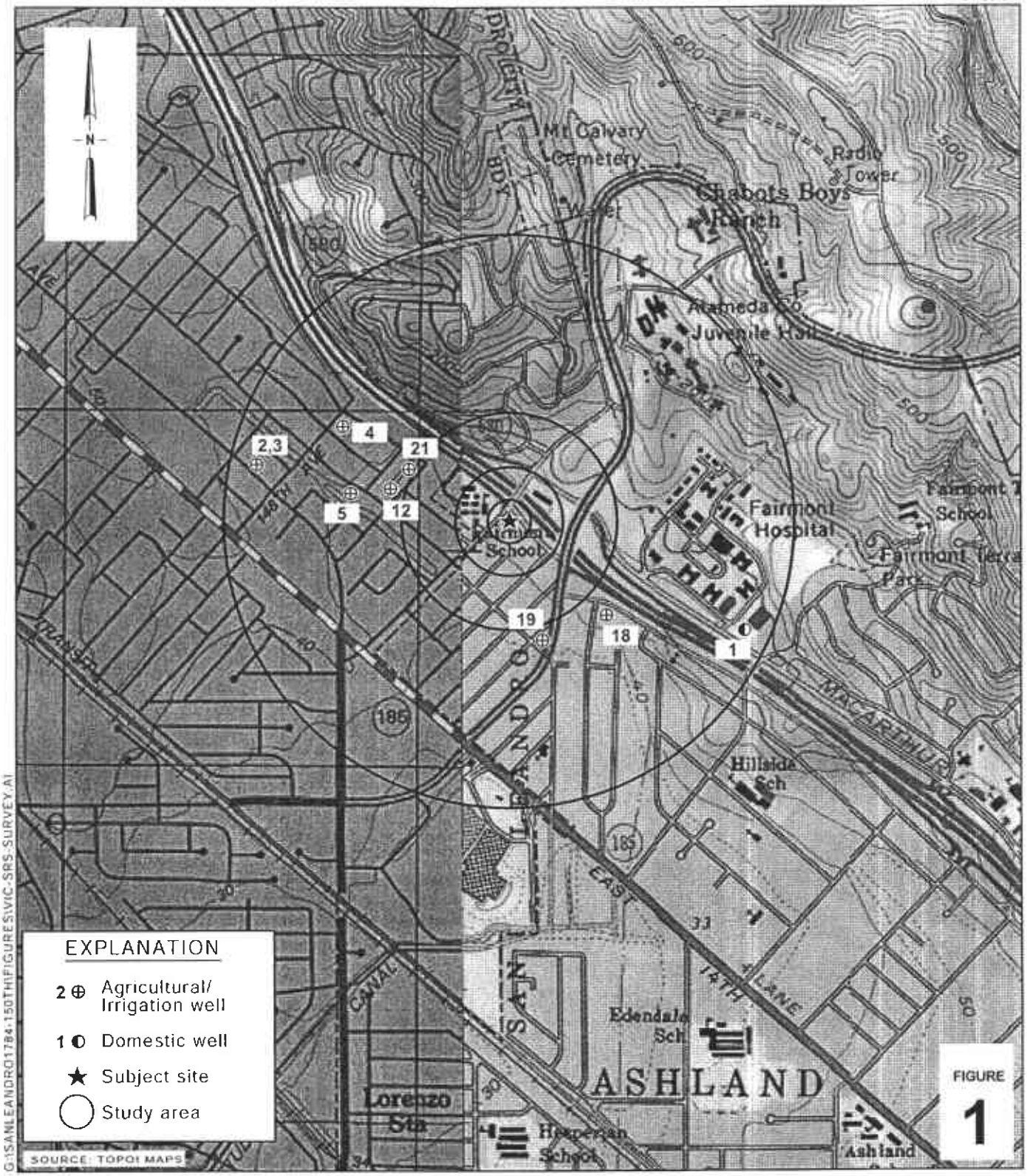


FIGURE 1

0 1/8 1/4 1/2 1

SCALE : 1" = 1/4 MILE

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

CAMBRIA

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

02/24/04

PORTOFINO DRIVE

PORTOFINO CIRCLE

I-580

I-580 OFF-RAMP

150TH AVENUE

FREEDOM AVENUE

Residential

Residential (townhouses)

brick sound wall

MW-9
27.17
<0.50
2.5

MW-4
27.21
<0.50 - 6/24/03
12 - 6/24/03

MW-8
27.03
290
<13

MW-7
27.01
170
<10

MW-11
27.08
9,900
20,000

MW-2
26.99*
16,000
11,000

MW-10
27.06
3.1
<1.0

MW-5
27.01
<0.50
<0.50

MW-6
28.33
<0.50
<0.50

MW-1
27.02
14,000
150

MW-3
26.98
0.71 - 6/25/03
0.54 - 6/25/03

SB-10 SB-11 SB-12 SB-13 SB-14 SB-15 SB-16 SB-17 SB-18

BH-8

27.20 27.60 28.00

USTs

dispensers

canopy

W/O UST

MH

SVS

Shell Station
1784 150th Ave.

parking lot

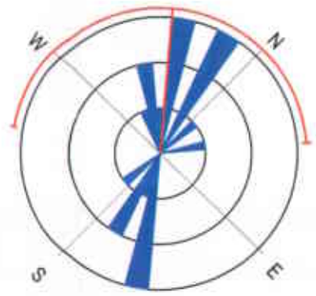
Denny's Restaurant
15015 Freedom

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)
- 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)
- * 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
ELEV
Benzene
MTBE

- Well designation
- Groundwater elevation, in feet above msl
- Benzene and MTBE concentrations are in parts per billion and are analyzed by EPA Method 8260.



Groundwater Flow Direction
(06/14/99 to 12/15/03)

0 25 50 100
Scale (ft)

FIGURE
2

Groundwater Elevation Contour Map

December 15, 2003

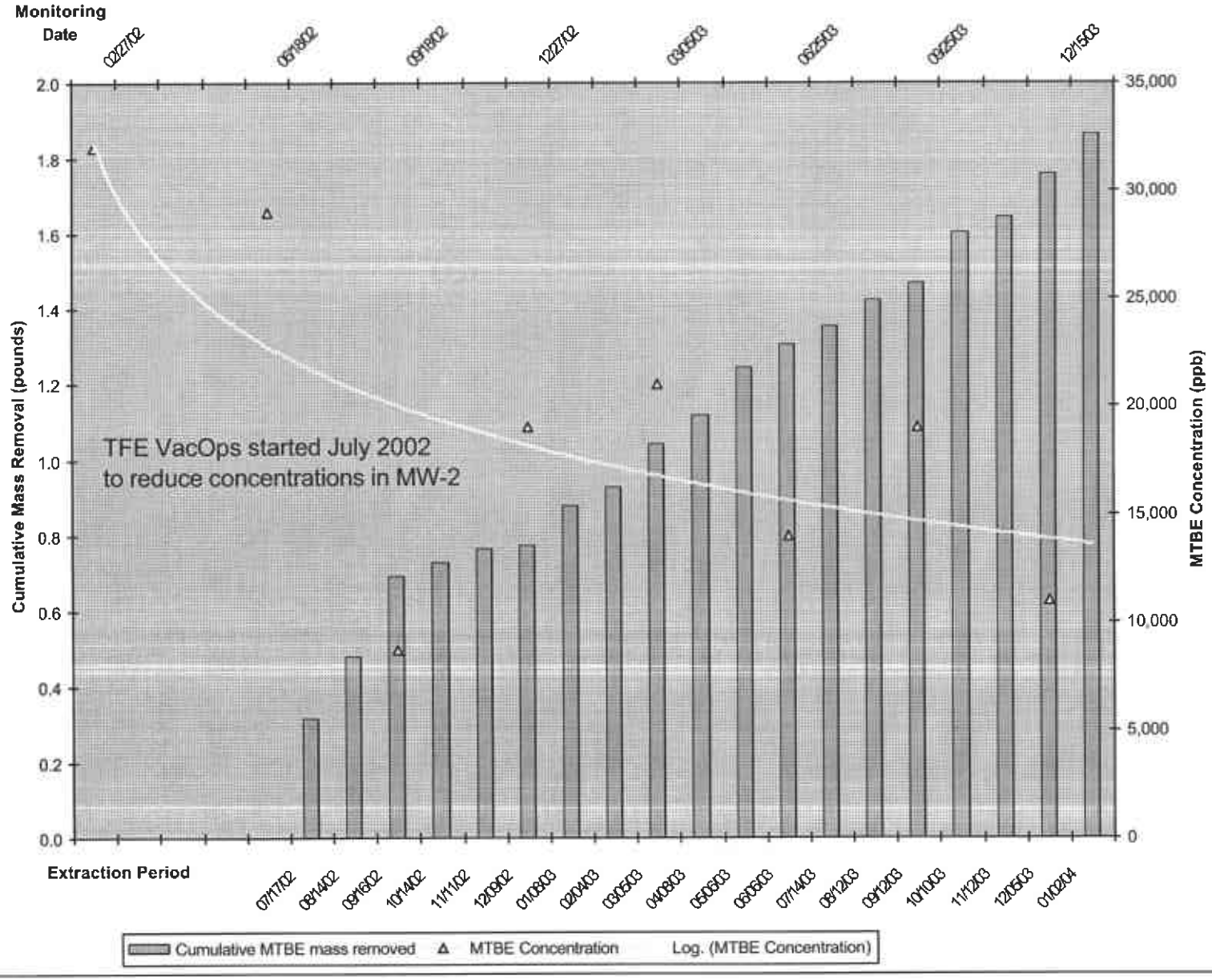
C A M B R I A

Shell-branded Service Station
1784 150th Avenue
San Leandro, California
Incident #89996068

G:\SAN LEANDRO 1784-150TH\FIGURES\4Q03.DWG

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



G:\San Leandro 1784 150th\QM\4q03\1784 4q03graph.pdf

Figure 3

Table 1. **Groundwater Analytical Data - Oxygenates** - Shell-branded Service Station, Incident #98996068, 1784 150th Avenue, San Leandro, California

Sample ID	Date Sampled	MTBE	DIPE	ETBE	TAME	TBA	1,2-DCA	EDB
		← (Concentrations in ppb) →						
MW-1	12/27/02	230	<5.0	<5.0	<5.0	310	31	<5.0
	03/05/03	230	---	---	<10	290	<10	---
	06/25/03	100	---	---	<200	<500	<50	---
	09/25/03	130	---	---	<200	<500	<50	---
	12/15/03	**150**	---	---	**<400**	**<1,000**	**<100**	---
MW-2	12/27/02	19,000	<50	<50	55	10,000	<50	<50
	03/05/03	21,000	---	---	<50	10,000	<50	---
	06/24/03	14,000	---	---	<400	6,000	<100	---
	09/25/03	19,000	---	---	<1,000	6,400	<250	---
	12/15/03	**11,000**	---	---	**<400**	**3,700**	**<100**	---
MW-3	03/05/03	<5.0	---	---	<2.0	<50	13	---
	06/25/03	0.54	---	---	<2.0	<5.0	1.1	---
MW-5	12/27/02	<0.50	<2.0	<2.0	<2.0	<50	<2.0	<2.0
MW-6	12/27/02	<0.50	<2.0	<2.0	<2.0	<50	<2.0	<2.0
MW-7	12/27/02	<10	<10	<10	<10	<100	<10	<10
MW-8	12/27/02	<10	<10	<10	<10	<100	<10	<10
MW-10	**12/15/03**	**<1.0**	---	---	**<4.0**	**<10**	**<1.0**	---
MW-11	**12/15/03**	**20,000**	---	---	**<800**	**18,000**	**<200**	---

Table 1. **Groundwater Analytical Data - Oxygenates** - Shell-branded Service Station, Incident #98996068, 1784 150th Avenue, San Leandro, California

Sample ID	Date Sampled	MTBE	DIPE	ETBE	TAME	TBA	1,2-DCA	EDB
		← (Concentrations in ppb) →						

Abbreviations:

MTBE = Methyl tert-butyl ether, analyzed by by EPA Method 8260
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
ppb = Parts per billion
--- = Not analyzed

Table 2: Groundwater Extraction - Mass Removal Data - Shell-branded Service Station, Incident #98996068, 1784 150th Avenue, San Leandro, California

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)
					TPPH			**Benzene**			**MTBE**		
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	1168	11,524	12/15/03	67,000	0.65300	5.48468	18,000	0.17543	1.23249	11,000	0.10721	1.86664
Total Gallons Extracted:			**11,524**		**Total Pounds Removed:**		**5.48468**			**1.23249**			**1.86664**
					Total Gallons Removed:		**0.89913**			**0.16883**			**0.30107**

Table 2: Groundwater Extraction - Mass Removal Data - Shell-branded Service Station, Incident #98996068, 1784 150th Avenue, San Leandro, California

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)
					TPPH			**Benzene**			**MTBE**		

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

January 5, 2004

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

Fourth Quarter 2003 Groundwater Monitoring at
Shell-branded Service Station
1784 150th Avenue
San Leandro, CA

Monitoring performed on December 10 and 15, 2003

Groundwater Monitoring Report **031215-MD-2**

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)	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	49.13	25.29	23.84	NA	NA
MW-1	06/12/1990	390	100	86	1.3	0.7	6.2	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	49.13	27.49	21.64	NA	NA
MW-1	12/18/1990	480	<50	54	1.7	3.3	3.7	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	49.13	25.79	23.34	NA	NA
MW-1	06/07/1991	510	<50	130	3.8	6.1	11	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	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	49.13	27.81	21.32	NA	NA
MW-1	02/13/1992	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	49.13	22.83	26.30	NA	NA
MW-1	02/27/1992	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	49.13	23.26	25.87	NA	NA
MW-1	06/03/1992	1,500	NA	520	180	72	230	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	49.13	26.74	22.39	NA	NA
MW-1	10/06/1992	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	49.13	27.99	21.14	NA	NA
MW-1	12/04/1992	150	NA	360	0.7	1.8	2.1	NA	NA	49.13	27.14	21.99	NA	NA
MW-1	01/22/1993	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	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	49.13	20.50	28.63	NA	NA
MW-1	05/11/1993	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	49.13	22.42	26.71	NA	NA
MW-1	09/10/1993	2,600	NA	670	340	310	730	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	49.13	23.73	25.40	NA	NA
MW-1	03/03/1994	16,000	NA	700	690	480	3,200	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	49.13	23.10	26.03	NA	NA
MW-1	09/12/1994	1,200	NA	110	21	3.3	420	NA	NA	49.13	25.19	23.94	NA	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)	SPH Thickness (ft.)	DO Reading (ppm)
MW-1	12/19/1994	4,600	NA	470	330	230	1,300	NA	NA	49.13	23.06	26.07	NA	NA
MW-1	02/28/1995	500	NA	59	32	6.8	68	NA	NA	49.13	20.90	28.23	NA	NA
MW-1	03/24/1995	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	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	49.13	22.62	26.51	NA	NA
MW-1	12/19/1995	80,000	NA	660	350	170	18,000	NA	NA	49.13	22.10	27.03	NA	NA
MW-1	03/07/1996	NA	NA	NA	NA	NA	NA	NA	NA	49.13	18.83	30.34	0.05	NA
MW-1	06/28/1996	270,000	NA	2,800	820	1,000	16,000	<0.5	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	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	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	49.13	NA	NA	NA	NA
MW-1	12/10/1996	13,000	NA	510	240	230	1,200	100	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	49.13	21.43	27.70	NA	1.0
MW-1	03/10/1997	4,200	NA	13	8.8	16	74	<12	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	49.13	20.08	29.05	NA	2.0
MW-1	06/30/1997	5,700	NA	320	120	140	700	47	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	49.13	21.68	27.45	NA	1.6
MW-1	09/12/1997	6,300	NA	120	26	82	260	30	NA	49.13	21.78	27.35	NA	2.1
MW-1 b	12/18/1997	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	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	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	49.13	19.65	29.48	NA	2.5
MW-1	08/26/1998	3,100	NA	1,200	27	170	50	88	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	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	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	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	49.13	22.55	26.58	NA	2.0

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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)	SPH Thickness (ft.)	DO Reading (ppm)
MW-1	12/08/1999	22,300	NA	6,140	135	256	367	232	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	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	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	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*	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	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	49.13	22.39	26.74	NA	1.6
MW-1	09/12/2001	23,000	NA	7,500	120	280	910	NA	320	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	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	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	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	49.10	23.21	25.89	NA	0.8
MW-1	12/27/2002	7,500	NA	1,200	30	120	410	NA	230	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	49.10	21.05	28.05	NA	1.7
MW-1	06/24/2003	Well inaccessible		NA	NA	NA	NA	NA	NA	49.10	NA	NA	NA	NA
MW-1	06/25/2003	14,000	NA	5,300	250	440	2,100	NA	100	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	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**	**49.10**	**22.08**	**27.02**	**NA**	**1.5**
MW-2	02/13/1992	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	45.83	19.61	26.22	NA	NA
MW-2	02/27/1992	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	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	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	45.83	23.46	22.37	NA	NA
MW-2	10/06/1992	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	45.83	24.25	21.58	NA	NA

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MW-2	12/04/1992	42,000	NA	15,000	2,400	960	2,900	NA	NA	45.83	23.89	21.94	NA	NA
MW-2	01/22/1993	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	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	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	45.83	17.28	28.55	NA	NA
MW-2	05/11/1993	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	45.83	17.51	28.32	NA	NA
MW-2	03/24/1995	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	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	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	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	45.83	19.28	26.55	NA	NA

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MW-2	12/19/1995	180,000	NA	18,000	29,000	4,100	24,000	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	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	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	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	45.83	19.60	26.23	NA	NA
MW-2	12/10/1996	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	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	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	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	45.83	19.40	26.43	NA	1.7
MW-2 b	12/18/1997	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	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	45.83	18.14	27.69	NA	2
MW-2	06/24/1998	20,000	NA	<200	620	560	4,500	<1,000	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	45.83	19.25	26.58	NA	NA
MW-2 (D)	08/26/1998	11,000	NA	180	130	290	500	1,400	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	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	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*	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	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	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*	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*	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*	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	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	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	45.83	18.93	26.90	NA	1.7

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MW-2	09/12/2001	59,000	NA	6,100	2,800	2,300	14,000	NA	21,000	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	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	45.79	17.15	28.64	NA	2.0
MW-2	06/18/2002	72,000	NA	9,500	3,000	2,200	13,000	NA	29,000	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	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	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	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	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	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**	**45.79**	**18.80**	**26.99**	**NA**	**0.1**
MW-3	02/13/1992	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	51.97	25.60	26.37	NA	NA
MW-3	02/27/1992	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	51.97	26.00	25.97	NA	NA
MW-3	06/03/1992	4,100	NA	13	72	44	65	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	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	51.97	29.46	22.51	NA	NA
MW-3	10/06/1992	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	51.97	30.26	21.71	NA	NA
MW-3	12/04/1992	2,400	NA	8.2	<5	<5	<5	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	51.97	29.93	22.04	NA	NA
MW-3	01/22/1993	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	51.97	21.40	30.57	NA	NA
MW-3	03/03/1993	5,100	NA	63	61	75	150	NA	NA	51.97	23.08	28.89	NA	NA
MW-3	05/11/1993	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	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	51.97	26.95	25.02	NA	NA

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MW-3	12/13/1993	6,200	NA	<12.5	<12.5	<12.5	<12.5	NA	NA	51.97	26.52	25.45	NA	NA
MW-3	03/03/1994	4,500	NA	73	<5	<5	<5	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	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	51.97	27.98	23.99	NA	NA
MW-3	12/19/1994	2,400	NA	21	22	4.2	2.6	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	51.97	23.45	28.52	NA	NA
MW-3	03/24/1995	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	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	51.97	25.40	26.57	NA	NA
MW-3	12/19/1995	3,600	NA	<0.5	4.3	2.1	1.1	NA	NA	51.97	24.53	27.44	NA	NA
MW-3	03/07/1996	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	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	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	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	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	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	51.97	24.47	27.50	NA	1.9
MW-3 b	12/18/1997	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	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	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	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	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	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	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	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	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	51.97	21.64	30.33	NA	2.1

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)	TOC (MSL)	Depth to Water (ft.)	GW Elevation (MSL)	SPH Thickness (ft.)	DO Reading (ppm)
MW-3	06/28/2000	2,460	NA	<5.00	9.48	<5.00	28.4	64.0	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	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	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	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	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	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	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	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	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	51.92	26.05	25.87	NA	1.4
MW-3	12/27/2002	Well inaccessible		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	51.92	23.84	28.08	NA	1.3
MW-3	06/25/2003	1,800 c	NA	0.71	<0.50	<0.50	<1.0	NA	0.54	51.92	24.48	27.44	NA	1.3
MW-3	06/24/2003	Well inaccessible		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	51.92	24.48	27.44	NA	1.2
MW-3	09/25/2003	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**	**51.92**	**24.94**	**26.98**	**NA**	**NA**
MW-4	03/24/1995	<50	NA	<0.5	<0.5	<0.5	<0.5	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	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	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	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	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	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	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	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	40.51	11.34	29.17	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)	TOC (MSL)	Depth to Water (ft.)	GW Elevation (MSL)	SPH Thickness (ft.)	DO Reading (ppm)
MW-4	06/30/1997	<50	NA	<0.50	<0.50	<0.50	<0.50	<2.5	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	40.51	13.99	26.52	NA	1.7
MW-4 b	12/18/1997	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	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	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	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	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	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	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	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	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	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	40.51	12.22	28.29	NA	0.9
MW-4	09/06/2000	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	40.51	8.65	31.86	NA	NA
MW-4	03/05/2001	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	40.51	13.62	26.89	NA	1.3
MW-4	09/12/2001	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	40.51	12.19	28.32	NA	NA
MW-4	02/27/2002	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	40.45	13.22	27.23	NA	0.6
MW-4	09/18/2002	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	40.45	11.23	29.22	NA	NA
MW-4	03/05/2003	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	40.45	12.79	27.66	NA	1.6
MW-4	09/25/2003	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**	**40.45**	**13.24**	**27.21**	**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)	TOC (MSL)	Depth to Water (ft.)	GW Elevation (MSL)	SPH Thickness (ft.)	DO Reading (ppm)
MW-5	01/29/2002	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	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	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	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	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	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	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	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**	**41.46**	**14.45**	**27.01**	**NA**	**0.21**
MW-6	01/29/2002	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	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	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	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	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	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	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	41.50	13.71	27.79	NA	5.8
MW-6	09/25/2003	Well inaccessible		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**	**41.50**	**13.17**	**28.33**	**NA**	**5.7**
MW-7	10/21/2002	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	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	44.45	16.34	28.11	NA	2.6
MW-7	06/24/2003	Well inaccessible		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	44.45	18.36	26.09	NA	1.2

WELL CONCENTRATIONS
Shell-branded Service Station
1784 150th Avenue
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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)	SPH Thickness (ft.)	DO Reading (ppm)
MW-7	**12/15/2003**	**27,000**	**NA**	**170**	**260**	**1,200**	**1,500**	**NA**	**<10**	**44.45**	**17.44**	**27.01**	**NA**	**1.3**
MW-8	10/21/2002	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	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	43.27	15.36	27.91	NA	1.3
MW-8	06/24/2003	Well inaccessible		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	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**	**43.27**	**16.24**	**27.03**	**NA**	**0.4**
MW-9	**12/10/2003**	**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**	**41.65**	**14.48**	**27.17**	**NA**	**0.9**
MW-10	**12/10/2003**	**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**	**50.64**	**23.58**	**27.06**	**NA**	**0.3**
MW-11	**12/10/2003**	**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**	**45.58**	**18.50**	**27.08**	**NA**	**0.3**

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)	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
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.

SEVERN TRENT STL

Submission#: 2003-12-0577

Blaine Tech Services, Inc.

December 31, 2003

1680 Rogers Avenue
San Jose, CA 95112-1105

Attn.: Leon Gearhart

Project#: 031215-MD2
Project: 98996068
Site: 1784 150th Ave., San Leandro

Dear Mr.Gearhart,

Attached is our report for your samples received on 12/16/2003 14:31
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 01/30/2004 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 #: 2003-12-0577

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: 031215-MD2
98996068

Received: 12/16/2003 14:31

Site: 1784 150th Ave., San Leandro

Samples Reported

Sample Name	Date Sampled	Matrix	Lab #
MW-5	12/15/2003 11:00	Water	3
MW-6	12/15/2003 10:35	Water	4
MW-7	12/15/2003 12:00	Water	5
MW-8	12/15/2003 12:20	Water	6
MW-9	12/15/2003 11:35	Water	7

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: 031215-MD2
98996068

Received: 12/16/2003 14:31

Site: 1784 150th Ave., San Leandro

Prep(s):	5030B	Test(s):	8260B
Sample ID:	**MW-5**	Lab ID:	2003-12-0577 - 3
Sampled:	12/15/2003 11:00	Extracted:	12/24/2003 11:10
Matrix:	Water	QC Batch#:	2003/12/24-1C.64

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Gasoline	200	50	ug/L	1.00	12/24/2003 11:10	g
Benzene	ND	0.50	ug/L	1.00	12/24/2003 11:10	
Toluene	ND	0.50	ug/L	1.00	12/24/2003 11:10	
Ethylbenzene	ND	0.50	ug/L	1.00	12/24/2003 11:10	
Total xylenes	ND	1.0	ug/L	1.00	12/24/2003 11:10	
Methyl tert-butyl ether (MTBE)	ND	0.50	ug/L	1.00	12/24/2003 11:10	
Surrogate(s)						
1,2-Dichloroethane-d4	95.0	76-130	%	1.00	12/24/2003 11:10	
Toluene-d8	97.0	78-115	%	1.00	12/24/2003 11:10	

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: 031215-MD2
98996068

Received: 12/16/2003 14:31

Site: 1784 150th Ave., San Leandro

Prep(s):	5030B	Test(s):	8260B
Sample ID:	**MW-6**	Lab ID:	2003-12-0577 - 4
Sampled:	12/15/2003 10:35	Extracted:	12/24/2003 12:39
Matrix:	Water	QC Batch#:	2003/12/24-1C.64

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Gasoline	ND	50	ug/L	1.00	12/24/2003 12:39	
Benzene	ND	0.50	ug/L	1.00	12/24/2003 12:39	
Toluene	ND	0.50	ug/L	1.00	12/24/2003 12:39	
Ethylbenzene	ND	0.50	ug/L	1.00	12/24/2003 12:39	
Total xylenes	ND	1.0	ug/L	1.00	12/24/2003 12:39	
Methyl tert-butyl ether (MTBE)	ND	0.50	ug/L	1.00	12/24/2003 12:39	
Surrogate(s)						
1,2-Dichloroethane-d4	99.0	76-130	%	1.00	12/24/2003 12:39	
Toluene-d8	98.0	78-115	%	1.00	12/24/2003 12:39	

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

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Project: 031215-MD2
98996068

Received: 12/16/2003 14:31

Site: 1784 150th Ave., San Leandro

Prep(s):	5030B	Test(s):	8260B
Sample ID:	**MW-7**	Lab ID:	2003-12-0577 - 5
Sampled:	12/15/2003 12:00	Extracted:	12/24/2003 13:45
Matrix:	Water	QC Batch#:	2003/12/24-1C.64

Analysis Flag: o (See Legend and Note Section)

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Gasoline	27000	1000	ug/L	20.00	12/24/2003 13:45	
Benzene	170	10	ug/L	20.00	12/24/2003 13:45	
Toluene	260	10	ug/L	20.00	12/24/2003 13:45	
Ethylbenzene	1200	10	ug/L	20.00	12/24/2003 13:45	
Total xylenes	1500	20	ug/L	20.00	12/24/2003 13:45	
Methyl tert-butyl ether (MTBE)	ND	10	ug/L	20.00	12/24/2003 13:45	
Surrogate(s)						
1,2-Dichloroethane-d4	99.5	76-130	%	20.00	12/24/2003 13:45	
Toluene-d8	97.9	78-115	%	20.00	12/24/2003 13:45	

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

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Project: 031215-MD2
98996068

Received: 12/16/2003 14:31

Site: 1784 150th Ave., San Leandro

Prep(s):	5030B	Test(s):	8260B
Sample ID:	**MW-8**	Lab ID:	2003-12-0577 - 6
Sampled:	12/15/2003 12:20	Extracted:	12/24/2003 14:07
Matrix:	Water	QC Batch#:	2003/12/24-1C.64

Analysis Flag: o (See Legend and Note Section)

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Gasoline	38000	1300	ug/L	25.00	12/24/2003 14:07	
Benzene	290	13	ug/L	25.00	12/24/2003 14:07	
Toluene	140	13	ug/L	25.00	12/24/2003 14:07	
Ethylbenzene	2200	13	ug/L	25.00	12/24/2003 14:07	
Total xylenes	5200	25	ug/L	25.00	12/24/2003 14:07	
Methyl tert-butyl ether (MTBE)	ND	13	ug/L	25.00	12/24/2003 14:07	
Surrogate(s)						
1,2-Dichloroethane-d4	106.4	76-130	%	25.00	12/24/2003 14:07	
Toluene-d8	98.7	78-115	%	25.00	12/24/2003 14:07	

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

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Project: 031215-MD2
98996068

Received: 12/16/2003 14:31

Site: 1784 150th Ave., San Leandro

Prep(s):	5030B	Test(s):	8260B
Sample ID:	**MW-9**	Lab ID:	2003-12-0577 - 7
Sampled:	12/15/2003 11:35	Extracted:	12/24/2003 01:40
Matrix:	Water	QC Batch#:	2003/12/23-2A.66

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Gasoline	ND	50	ug/L	1.00	12/24/2003 01:40	
Benzene	ND	0.50	ug/L	1.00	12/24/2003 01:40	
Toluene	ND	0.50	ug/L	1.00	12/24/2003 01:40	
Ethylbenzene	ND	0.50	ug/L	1.00	12/24/2003 01:40	
Total xylenes	1.3	1.0	ug/L	1.00	12/24/2003 01:40	
Methyl tert-butyl ether (MTBE)	2.5	0.50	ug/L	1.00	12/24/2003 01:40	
Surrogate(s)						
1,2-Dichloroethane-d4	101.1	76-130	%	1.00	12/24/2003 01:40	
Toluene-d8	99.7	78-115	%	1.00	12/24/2003 01:40	

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

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Project: 031215-MD2
98996068

Received: 12/16/2003 14:31

Site: 1784 150th Ave., San Leandro

Batch QC Report

Prep(s): 5030B — Test(s): 8260B

Method Blank — **Water** — **QC Batch # 2003/12/23-2A.66**

MB: 2003/12/23-2A.66-029 — Date Extracted: 12/23/2003 19:29

Compound	Conc.	RL	Unit	Analyzed	Flag
Gasoline	ND	50	ug/L	12/23/2003 19:29	
Methyl tert-butyl ether (MTBE)	ND	0.5	ug/L	12/23/2003 19:29	
Benzene	ND	0.5	ug/L	12/23/2003 19:29	
Toluene	ND	0.5	ug/L	12/23/2003 19:29	
Ethylbenzene	ND	0.5	ug/L	12/23/2003 19:29	
Total xylenes	ND	1.0	ug/L	12/23/2003 19:29	
Surrogates(s)					
1,2-Dichloroethane-d4	94.2	76-130	%	12/23/2003 19:29	
Toluene-d8	96.8	78-115	%	12/23/2003 19:29	

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

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Project: 031215-MD2
98996068

Received: 12/16/2003 14:31

Site: 1784 150th Ave., San Leandro

Batch QC Report

Prep(s): 5030B — Test(s): 8260B
Method Blank — **Water** — **QC Batch # 2003/12/24-1C.64**
MB: 2003/12/24-1C.64-041 — Date Extracted: 12/24/2003 09:41

Compound	Conc.	RL	Unit	Analyzed	Flag
Gasoline	ND	50	ug/L	12/24/2003 09:41	
Methyl tert-butyl ether (MTBE)	ND	0.5	ug/L	12/24/2003 09:41	
Benzene	ND	0.5	ug/L	12/24/2003 09:41	
Toluene	ND	0.5	ug/L	12/24/2003 09:41	
Ethylbenzene	ND	0.5	ug/L	12/24/2003 09:41	
Total xylenes	ND	1.0	ug/L	12/24/2003 09:41	
Surrogates(s)					
1,2-Dichloroethane-d4	87.4	76-130	%	12/24/2003 09:41	
Toluene-d8	91.4	78-115	%	12/24/2003 09:41	

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

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Project: 031215-MD2
98996068

Received: 12/16/2003 14:31

Site: 1784 150th Ave., San Leandro

Batch QC Report

Prep(s): 5030B — Test(s): 8260B

Laboratory Control Spike — **Water** — **QC Batch # 2003/12/23-2A.66**

LCS 2003/12/23-2A.66-047 — Extracted: 12/23/2003 — Analyzed: 12/23/2003 20:47

LCSD 2003/12/23-2A.66-005 — Extracted: 12/23/2003 — Analyzed: 12/23/2003 19:05

Compound	Conc. ug/L		Exp.Conc.	Recovery %		RPD	Ctrl.Limits %		Flags	
	LCS	LCSD		LCS	LCSD	%	Rec.	RPD	LCS	LCSD
Methyl tert-butyl ether (MTBE)	21.6	18.4	25	86.4	73.6	16.0	65-165	20		
Benzene	21.6	18.3	25	86.4	73.2	16.5	69-129	20		
Toluene	22.0	20.4	25	88.0	81.6	7.5	70-130	20		
Surrogates(s)										
1,2-Dichloroethane-d4	489	502	500	97.8	100.4		76-130			
Toluene-d8	467	473	500	93.4	94.6		78-115			

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

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Project: 031215-MD2
98996068

Received: 12/16/2003 14:31

Site: 1784 150th Ave., San Leandro

Batch QC Report

Prep(s): 5030B — Test(s): 8260B

Laboratory Control Spike — **Water** — **QC Batch # 2003/12/24-1C.64**

LCS 2003/12/24-1C.64-057 — Extracted: 12/24/2003 — Analyzed: 12/24/2003 08:57

LCSD 2003/12/24-1C.64-019 — Extracted: 12/24/2003 — Analyzed: 12/24/2003 09:19

Compound	Conc. ug/L		Exp.Conc.	Recovery %		RPD	Ctrl.Limits %		Flags	
	LCS	LCSD		LCS	LCSD	%	Rec.	RPD	LCS	LCSD
Methyl tert-butyl ether (MTBE)	21.1	21.5	25	84.4	86.0	1.9	65-165	20		
Benzene	21.1	22.0	25	84.4	88.0	4.2	69-129	20		
Toluene	22.2	22.0	25	88.8	88.0	0.9	70-130	20		
Surrogates(s)										
1,2-Dichloroethane-d4	427	442	500	85.4	88.4		76-130			
Toluene-d8	457	465	500	91.4	93.0		78-115			

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

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Project: 031215-MD2
98996068

Received: 12/16/2003 14:31

Site: 1784 150th Ave., San Leandro

Batch QC Report

Prep(s): 5030B — Test(s): 8260B

Matrix Spike (MS / MSD) — **Water** — **QC Batch # 2003/12/24-1C.64**

MW-6 >> MS

MS: 2003/12/24-1C.64-001 — Extracted: 12/24/2003 — Lab ID: 2003-12-0577 - 004 — Analyzed: 12/24/2003 13:01 — Dilution: 1.00

MSD: 2003/12/24-1C.64-023 — Extracted: 12/24/2003 — Analyzed: 12/24/2003 13:23 — 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	24.2	24.2	ND	25	96.8	96.8	0.0	69-129	20		
Toluene	26.0	24.7	ND	25	104.0	98.8	5.1	70-130	20		
Methyl tert-butyl ether	23.6	23.8	ND	25	94.4	95.2	0.8	65-165	20		
Surrogate(s)											
1,2-Dichloroethane-d4	505	503		500	101.0	100.6		76-130			
Toluene-d8	495	492		500	99.1	98.5		78-115			

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

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Project: 031215-MD2
98996068

Received: 12/16/2003 14:31

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.

SEVERN TRENT STL

Submission #: 2003-12-0577

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

Blaine Tech Services, Inc.
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Project: 031215-MD2
98996068

Received: 12/16/2003 14:31

Site: 1784 150th Ave., San Leandro

Samples Reported

Sample Name	Date Sampled	Matrix	Lab #
MW-1	12/15/2003 13:00	Water	1
MW-2	12/15/2003 13:35	Water	2
MW-10	12/15/2003 14:20	Water	8
MW-11	12/15/2003 13:35	Water	9

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

Blaine Tech Services, Inc.

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Project: 031215-MD2
98996068

Received: 12/16/2003 14:31

Site: 1784 150th Ave., San Leandro

Prep(s):	5030B	Test(s):	8260B
Sample ID:	**MW-1**	Lab ID:	2003-12-0577 - 1
Sampled:	12/15/2003 13:00	Extracted:	12/24/2003 10:04
Matrix:	Water	QC Batch#:	2003/12/24-1D.64

Analysis Flag: o (See Legend and Note Section)

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Gasoline	63000	10000	ug/L	200.00	12/24/2003 10:04	
Benzene	14000	100	ug/L	200.00	12/24/2003 10:04	
Toluene	360	100	ug/L	200.00	12/24/2003 10:04	
Ethylbenzene	1300	100	ug/L	200.00	12/24/2003 10:04	
Total xylenes	3900	200	ug/L	200.00	12/24/2003 10:04	
tert-Butyl alcohol (TBA)	ND	1000	ug/L	200.00	12/24/2003 10:04	
Methyl tert-butyl ether (MTBE)	150	100	ug/L	200.00	12/24/2003 10:04	
tert-Amyl methyl ether (TAME)	ND	400	ug/L	200.00	12/24/2003 10:04	
1,2-DCA	ND	100	ug/L	200.00	12/24/2003 10:04	
Surrogate(s)						
1,2-Dichloroethane-d4	128.5	76-130	%	200.00	12/24/2003 10:04	
Toluene-d8	97.0	78-115	%	200.00	12/24/2003 10:04	

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

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Project: 031215-MD2
98996068

Received: 12/16/2003 14:31

Site: 1784 150th Ave., San Leandro

Prep(s):	5030B	Test(s):	8260B
Sample ID:	**MW-2**	Lab ID:	2003-12-0577 - 2
Sampled:	12/15/2003 13:35	Extracted:	12/24/2003 10:26
Matrix:	Water	QC Batch#:	2003/12/24-1D.64

Analysis Flag: o (See Legend and Note Section)

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Gasoline	67000	10000	ug/L	200.00	12/24/2003 10:26	
Benzene	18000	100	ug/L	200.00	12/24/2003 10:26	
Toluene	1800	100	ug/L	200.00	12/24/2003 10:26	
Ethylbenzene	1900	100	ug/L	200.00	12/24/2003 10:26	
Total xylenes	7200	200	ug/L	200.00	12/24/2003 10:26	
tert-Butyl alcohol (TBA)	3700	1000	ug/L	200.00	12/24/2003 10:26	
Methyl tert-butyl ether (MTBE)	11000	100	ug/L	200.00	12/24/2003 10:26	
tert-Amyl methyl ether (TAME)	ND	400	ug/L	200.00	12/24/2003 10:26	
1,2-DCA	ND	100	ug/L	200.00	12/24/2003 10:26	
Surrogate(s)						
1,2-Dichloroethane-d4	115.5	76-130	%	200.00	12/24/2003 10:26	
Toluene-d8	101.6	78-115	%	200.00	12/24/2003 10:26	

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

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Project: 031215-MD2
98996068

Received: 12/16/2003 14:31

Site: 1784 150th Ave., San Leandro

Prep(s):	5030B	Test(s):	8260B
Sample ID:	**MW-10**	Lab ID:	2003-12-0577 - 8
Sampled:	12/15/2003 14:20	Extracted:	12/24/2003 14:29
Matrix:	Water	QC Batch#:	2003/12/24-1D.64

Analysis Flag: o (See Legend and Note Section)

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Gasoline	6400	100	ug/L	2.00	12/24/2003 14:29	
Benzene	3.1	1.0	ug/L	2.00	12/24/2003 14:29	
Toluene	ND	1.0	ug/L	2.00	12/24/2003 14:29	
Ethylbenzene	33	1.0	ug/L	2.00	12/24/2003 14:29	
Total xylenes	20	2.0	ug/L	2.00	12/24/2003 14:29	
tert-Butyl alcohol (TBA)	ND	10	ug/L	2.00	12/24/2003 14:29	
Methyl tert-butyl ether (MTBE)	ND	1.0	ug/L	2.00	12/24/2003 14:29	
tert-Amyl methyl ether (TAME)	ND	4.0	ug/L	2.00	12/24/2003 14:29	
1,2-DCA	ND	1.0	ug/L	2.00	12/24/2003 14:29	
Surrogate(s)						
1,2-Dichloroethane-d4	129.2	76-130	%	2.00	12/24/2003 14:29	
Toluene-d8	99.1	78-115	%	2.00	12/24/2003 14:29	

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

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Project: 031215-MD2
98996068

Received: 12/16/2003 14:31

Site: 1784 150th Ave., San Leandro

Prep(s):	5030B	Test(s):	8260B
Sample ID:	**MW-11**	Lab ID:	2003-12-0577 - 9
Sampled:	12/15/2003 13:35	Extracted:	12/27/2003 12:27
Matrix:	Water	QC Batch#:	2003/12/27-1A.64

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Gasoline	110000	20000	ug/L	400.00	12/27/2003 12:27	
Benzene	9900	200	ug/L	400.00	12/27/2003 12:27	
Toluene	3300	200	ug/L	400.00	12/27/2003 12:27	
Ethylbenzene	3900	200	ug/L	400.00	12/27/2003 12:27	
Total xylenes	23000	400	ug/L	400.00	12/27/2003 12:27	
tert-Butyl alcohol (TBA)	18000	2000	ug/L	400.00	12/27/2003 12:27	
Methyl tert-butyl ether (MTBE)	20000	200	ug/L	400.00	12/27/2003 12:27	
tert-Amyl methyl ether (TAME)	ND	800	ug/L	400.00	12/27/2003 12:27	
1,2-DCA	ND	200	ug/L	400.00	12/27/2003 12:27	
Surrogate(s)						
1,2-Dichloroethane-d4	93.1	76-130	%	400.00	12/27/2003 12:27	
Toluene-d8	99.8	78-115	%	400.00	12/27/2003 12:27	

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

Blaine Tech Services, Inc.

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Project: 031215-MD2
98996068

Received: 12/16/2003 14:31

Site: 1784 150th Ave., San Leandro

Batch QC Report

Prep(s): 5030B — Test(s): 8260B

Method Blank — **Water** — **QC Batch # 2003/12/24-1D.64**

MB: 2003/12/24-1D.64-041 — Date Extracted: 12/24/2003 09:41

Compound	Conc.	RL	Unit	Analyzed	Flag
Gasoline	ND	50	ug/L	12/24/2003 09:41	
tert-Butyl alcohol (TBA)	ND	5.0	ug/L	12/24/2003 09:41	
Methyl tert-butyl ether (MTBE)	ND	0.5	ug/L	12/24/2003 09:41	
tert-Amyl methyl ether (TAME)	ND	2.0	ug/L	12/24/2003 09:41	
1,2-DCA	ND	0.5	ug/L	12/24/2003 09:41	
Benzene	ND	0.5	ug/L	12/24/2003 09:41	
Toluene	ND	0.5	ug/L	12/24/2003 09:41	
Ethylbenzene	ND	0.5	ug/L	12/24/2003 09:41	
Total xylenes	ND	1.0	ug/L	12/24/2003 09:41	
Surrogates(s)					
1,2-Dichloroethane-d4	87.4	76-130	%	12/24/2003 09:41	
Toluene-d8	91.4	78-115	%	12/24/2003 09:41	

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

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Project: 031215-MD2
98996068

Received: 12/16/2003 14:31

Site: 1784 150th Ave., San Leandro

Batch QC Report

Prep(s): 5030B — Test(s): 8260B

Method Blank — **Water** — **QC Batch # 2003/12/27-1A.64**

MB: 2003/12/27-1A.64-044 — Date Extracted: 12/27/2003 09:44

Compound	Conc.	RL	Unit	Analyzed	Flag
Gasoline	ND	50	ug/L	12/27/2003 09:44	
tert-Butyl alcohol (TBA)	ND	5.0	ug/L	12/27/2003 09:44	
Methyl tert-butyl ether (MTBE)	ND	0.5	ug/L	12/27/2003 09:44	
tert-Amyl methyl ether (TAME)	ND	2.0	ug/L	12/27/2003 09:44	
1,2-DCA	ND	0.5	ug/L	12/27/2003 09:44	
Benzene	ND	0.5	ug/L	12/27/2003 09:44	
Toluene	ND	0.5	ug/L	12/27/2003 09:44	
Ethylbenzene	ND	0.5	ug/L	12/27/2003 09:44	
Total xylenes	ND	1.0	ug/L	12/27/2003 09:44	
Surrogates(s)					
1,2-Dichloroethane-d4	91.6	76-130	%	12/27/2003 09:44	
Toluene-d8	97.4	78-115	%	12/27/2003 09:44	

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: 031215-MD2
98996068

Received: 12/16/2003 14:31

Site: 1784 150th Ave., San Leandro

Batch QC Report

Prep(s): 5030B — Test(s): 8260B

Laboratory Control Spike — **Water** — **QC Batch # 2003/12/24-1D.64**

LCS 2003/12/24-1D.64-057 — Extracted: 12/24/2003 — Analyzed: 12/24/2003 08:57

LCSD 2003/12/24-1D.64-019 — Extracted: 12/24/2003 — Analyzed: 12/24/2003 09:19

Compound	Conc. ug/L		Exp.Conc.	Recovery %		RPD	Ctrl.Limits %		Flags	
	LCS	LCSD		LCS	LCSD	%	Rec.	RPD	LCS	LCSD
Methyl tert-butyl ether (MTBE)	21.1	21.5	25	84.4	86.0	1.9	65-165	20		
Benzene	21.1	22.0	25	84.4	88.0	4.2	69-129	20		
Toluene	22.2	22.0	25	88.8	88.0	0.9	70-130	20		
Surrogates(s)										
1,2-Dichloroethane-d4	427	442	500	85.4	88.4		76-130			
Toluene-d8	457	465	500	91.4	93.0		78-115			

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: 031215-MD2
98996068

Received: 12/16/2003 14:31

Site: 1784 150th Ave., San Leandro

Batch QC Report

Prep(s): 5030B — Test(s): 8260B

Laboratory Control Spike — **Water** — **QC Batch # 2003/12/27-1A.64**

LCS 2003/12/27-1A.64-000 — Extracted: 12/27/2003 — Analyzed: 12/27/2003 09:00

LCSD 2003/12/27-1A.64-022 — Extracted: 12/27/2003 — Analyzed: 12/27/2003 09:22

Compound	Conc. ug/L		Exp.Conc.	Recovery %		RPD	Ctrl.Limits %		Flags	
	LCS	LCSD		LCS	LCSD	%	Rec.	RPD	LCS	LCSD
Methyl tert-butyl ether (MTBE)	27.1	27.5	25	108.4	110.0	1.5	65-165	20		
Benzene	28.5	29.1	25	114.0	116.4	2.1	69-129	20		
Toluene	28.5	28.5	25	114.0	114.0	0.0	70-130	20		
Surrogates(s)										
1,2-Dichloroethane-d4	454	465	500	90.8	93.0		76-130			
Toluene-d8	492	494	500	98.4	98.8		78-115			

SEVERN TRENT STL

Submission #: 2003-12-0577

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: 031215-MD2
98996068

Received: 12/16/2003 14:31

Site: 1784 150th Ave., San Leandro

Batch QC Report

Prep(s): 5030B — Test(s): 8260B

Matrix Spike (MS / MSD) — **Water** — **QC Batch # 2003/12/24-1D.64**

MW-6 >> MS — Lab ID: 2003-12-0577 - 004

MS: 2003/12/24-1D.64-001 — Extracted: 12/24/2003 — Analyzed: 12/24/2003 13:01 — Dilution: 1.00

MSD: 2003/12/24-1D.64-023 — Extracted: 12/24/2003 — Analyzed: 12/24/2003 13:23 — 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	24.2	24.2	ND	25	96.8	96.8	0.0	69-129	20		
Toluene	26.0	24.7	ND	25	104.0	98.8	5.1	70-130	20		
Methyl tert-butyl ether	23.6	23.8	ND	25	94.4	95.2	0.8	65-165	20		
Surrogate(s)											
1,2-Dichloroethane-d4	505	503		500	101.0	100.6		76-130			
Toluene-d8	495	492		500	99.1	98.5		78-115			

SEVERN TRENT STL

Submission #: 2003-12-0577

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: 031215-MD2
98996068

Received: 12/16/2003 14:31

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.

LAB: STL

Lab Identification (if necessary):

Address:

City, State, Zip:

SHELL Chain Of Custody Record

81230

Shell Project Manager to be Invoiced:

☑ SCIENCE & ENGINEERING
☐ TECHNICAL SERVICES
☐ CRMT HOUSTON

Karen Petryna

2003-12-0577

INCIDENT NUMBER (S&E ONLY): 9 8 9 9 6 0 6 8

SAP or CRMT NUMBER (TS/CRMT):

DATE: 12/15/03

PAGE: 1 of 1

SAMPLING COMPANY: Blaine Tech Services	LOG CODE: BTSS
SITE ADDRESS (Street and City): 1784 150th Ave., San Leandro	GLOBAL ID NO.: T0600101230
ADDRESS: 1680 Rogers Avenue, San Jose, CA 95112	
EDF DELIVERABLE TO (Responsible Party or Designee): Anni Kreml	PHONE NO.: (510) 420-3335
E-MAIL: ShellOaklandEDF@cambria-env.com	CONSULTANT PROJECT NO.: 031215-MD2 BTS #
PROJECT CONTACT (Hardcopy or PDF Report to): Leon Gearhart	SAMPLER NAME(S) (Print): Johnathan DeJong
TELEPHONE: 408-573-0555	FAX: 408-573-7771
E-MAIL: lgearhart@blainetech.com	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:

GC/MS MTBE CONFIRMATION: HIGHEST ____ HIGHEST per BORING ____ ALL ____

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

REQUESTED ANALYSIS

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

TEMPERATURE ON RECEIPT C°: 2-5

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)~~		TPH - Diesel, Extractable (8015m)	1,2 DCA, TAME, TBA (8260)	MTBE (8260B) Confirmation, See Note
\	MW-1	12/16/03	1000	W	3	✓	✓		✓				[illegible]			✓	
\	MW-2		1335		3	✓	✓		✓				[illegible]			✓	
\	MW-5		1100		3	✓	✓		✓								
	MW-6		1035		3	✓	✓		✓								
\	MW-7		1200		3	✓	✓		✓								
\	MW-8		1220		3	✓	✓		✓								
\	MW-9		1135		3	✓	✓		✓								
\	MW-10		1420		3	✓	✓		✓				[illegible]			✓	
\	MW-11	↓	1335	↓	3	✓	✓		✓				[illegible]			✓	

Relinquished by: (Signature)	Received by: (Signature)	Date:	Time:
[signature]	[signature]	12/16/03	1431
Relinquished by: (Signature)	Received by: (Signature)	Date: 12-16-03	Time: 1600
Relinquished by: (Signature) [signature] 12/16/03 1600	Received by: (Signature) [signature]	Date:	Time:

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

10/16/00 Revision

WELL GAUGING DATA

Project # 031215-MD2 Date 12/15/03 Client 98996068

Site 1784 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	---				22.08	44.72		
MW-2	4		*			18.80	44.68		
MW-3	4					24.94	41.75		
MW-4	2					13.24	24.98		
MW-5	2					14.45	24.82		
MW-6	2	*				13.17	19.47		
MW-7	2					17.44	26.85		
MW-8	2					16.24	24.10		
MW-9	2					14.48	34.83		
MW-10	4					23.58	31.64		
MW-11	4				---	18.50	24.74		
		* gauged w/ sheen in well							
		~~Ect~~							
		-opened all wells & let set for 15 min							
		before gauging							

SHELL WELL MONITORING DATA SHEET

BTS #: 031215-MD2	Site: 98996068
Sampler: John De Jong	Date: 12/15/03
Well I.D.: MW-4	Well Diameter: 2 3 (4) 6 8 ____
Total Well Depth (TD): 44.72	Depth to Water (DTW): 22.98
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]: 26.61	

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: ____

14.7 (Gals.) X 3 = 44.1 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
1244	65.0	6.4	1803	82	15	clear, slt/sng odor
1247	66.1	6.2	1847	19	30	
1250	66.1	6.3	1853	9	45	

Did well dewater? Yes (No) Gallons actually evacuated: 45

Sampling Date: 12/15/03 Sampling Time: 1300 Depth to Water: 23.31

Sample I.D.: MW-4 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:	1.5	mg/L
O.R.P. (if req'd):	Pre-purge:	mV	Post-purge:		mV

SHELL WELL MONITORING DATA SHEET

BTS #: 031215-MD2	Site: 98996068
Sampler: John DeJong	Date: 12/15/03
Well I.D.: MW-2	Well Diameter: 2 3 (4) 6 8
Total Well Depth (TD): 44.68	Depth to Water (DTW): 18.80
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]: 23.98	

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 Case Volume	Specified Volumes	Calculated Volume
16.8 (Gals.) X	3	= 50.4 Gals.

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
1318	64.7	6.5	1372	17	17	clear, dk yellow color
1321	65.9	6.5	1613	10	34	
1325	65.5	6.5	1691	5	51	

Did well dewater? Yes (No) Gallons actually evacuated: 51

Sampling Date: 12/15/03 Sampling Time: 1335 Depth to Water: 23.98

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

SHELL WELL MONITORING DATA SHEET

BTS #: 031215-MD2	Site: 98996068
Sampler: John DeJong	Date: 12/15/03
Well I.D.: MW-5	Well Diameter: (2) 3 4 6 8 ___
Total Well Depth (TD): 24.82	Depth to Water (DTW): 14.45
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]: 16.52	

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:_____

1.7 (Gals.) X 3 = 5.1 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
1050	64.7	7.1	1097	7200	1.7	cloudy, tan
1052	66.7	7.2	1186	7200	3.4	
1054	66.1	7.3	1210	7200	5.1	

Did well dewater? Yes (No) Gallons actually evacuated: 5.1

Sampling Date: 12/15/03 Sampling Time: 1100 Depth to Water: 15.12

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

SHELL WELL MONITORING DATA SHEET

BTS #: 031215-MD2	Site: 98996068
Sampler: John DeJong	Date: 12/15/03
Well I.D.: MW-6	Well Diameter: (2) 3 4 6 8 ____
Total Well Depth (TD): 19.47	Depth to Water (DTW): 13.17
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]: 14.43	

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 (Gals.) X	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
1022	58.6	7.4	450	>200	1	cloudy, tan
1024	59.2	6.9	431	>200	2	
1026	59.7	6.8	430	>200	3	

Did well dewater? Yes (No) Gallons actually evacuated: 3

Sampling Date: 12/15/03 Sampling Time: 1035 Depth to Water: 14.43

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

SHELL WELL MONITORING DATA SHEET

BTS #: 031215-MD2	Site: 98996068
Sampler: John DeJong	Date: 12/15/03
Well I.D.: MW-7	Well Diameter: (2) 3 4 6 8 ____
Total Well Depth (TD): 26.85	Depth to Water (DTW): 17.44
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]: 19.32	

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: _____

1.5 (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 µS)	Turbidity (NTUs)	Gals. Removed	Observations
1148	66.6	6.4	3330	>200	1.5	Good, odor
1150	69.0	6.4	3259	>200	3	
1152	68.7	6.2	3299	>200	4.5	

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

Sampling Date: 12/15/03 Sampling Time: 1200 Depth to Water: 19.32

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

SHELL WELL MONITORING DATA SHEET

BTS #: 031215-MD2	Site: 98996068
Sampler: John DeJong	Date: 12/15/03
Well I.D.: MW-8	Well Diameter: (2) 3 4 6 8 ____
Total Well Depth (TD): 24.10	Depth to Water (DTW): 16.24
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]: 17.81	

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:_____

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 µS)	Turbidity (NTUs)	Gals. Removed	Observations
1210	64.1	6.0	1640	7200	1.3	cloudy, odor
1212	65.2	6.0	1656	7200	2.6	
1215	65.1	5.8	1633	>200	3.9	

Did well dewater? Yes No Gallons actually evacuated: 3.9

Sampling Date: 12/15/03 Sampling Time: 1220 Depth to Water: 17.81

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

SHELL WELL MONITORING DATA SHEET

BTS #: 031215-MD2	Site: 98996068
Sampler: John De Jong	Date: 12/15/03
Well I.D.: MW-9	Well Diameter: (2) 3 (4) 6 8 ___
Total Well Depth (TD): 34.83	Depth to Water (DTW): 14.48
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]: 18.55	

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:_____

13.7 (Gals.) X	3	=	9.6 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
1120	64.4	7.4	1157	>200	3.2	cloudy
1126	65.4	7.3	1115	>200	6.4	
1131	65.1	7.2	1100	>200	9.6	

Did well dewater? Yes (No) Gallons actually evacuated: 9.6

Sampling Date: 12/15/03 Sampling Time: 1135 Depth to Water: 14.62

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

SHELL WELL MONITORING DATA SHEET

BTS #: 031215-MD2	Site: 98996068
Sampler: John DeJong	Date: 12/15/03
Well I.D.: MW-10	Well Diameter: 2 3 (4) 6 8 ____
Total Well Depth (TD): 31.64	Depth to Water (DTW): 23.58
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]: 25.19	

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:_____

5.2 (Gals.) X 3 = 15.6 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
1409	65.4	6.7	1185	85	5.5	clear
1410	67.3	6.6	1212	7200	11	
1411	66.5	6.7	1196	7200	16	

Did well dewater? Yes (No) Gallons actually evacuated: 16

Sampling Date: 12/15/03 Sampling Time: 1420 Depth to Water: 25.19

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

SHELL WELL MONITORING DATA SHEET

BTS #: 031215-MD2	Site: 98996068
Sampler: John De Jong	Date: 12/15/03
Well I.D.: MW-11	Well Diameter: 3 (4) 6 8 ___
Total Well Depth (TD): 24.74	Depth to Water (DTW): 18.50
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]: 19.75	

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
1344	66.1	6.6	1337	96	4	clear, odor
1345	67.0	6.5	1349	>200	8	
1346	67.3	6.5	1331	>200	12	

Did well dewater? Yes (No) Gallons actually evacuated: 12

Sampling Date: 12/15/03 Sampling Time: 1355 Depth to Water: 19.75

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

WELL GAUGING DATA

Project # 03210-MT1 Date 12-10-03 Client 98996068

Site 1784 150th Ave., San Leandro, CA

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-9	2					15.15	34.85		
MW-10	4					24.33	31.65		
MW-11	4					19.10	24.62		

WELL DEVELOPMENT DATA SHEET

Project #: 03/210 - MTI	Client: 98996068
Developer: M. Dill	Date Developed: 12-10-03
Well I.D. MW-9	Well Diameter: (circle one) (2) 3 4 6 ___
Total Well Depth: Before 30.91 After 34.85	Depth to Water: Before 15.15 After 17.89
Reason not developed:	If Free Product, thickness:
Additional Notations:	

Volume Conversion Factor (VCF):
(12 x (d^2/4) x π) /231
where
12 = in / foot
d = diameter (in.)
π = 3.1416
231 = in 3/gal

Well dia.		VCF
2"	=	0.16
3"	=	0.37
4"	=	0.65
6"	=	1.47
10"	=	4.08
12"	=	6.87

2.5	X	10	=	25
1 Case Volume		Specified Volumes		gallons

Purging Device:
- ☐ Bailer
- ☐ Suction Pump
- ☐ Electric Submersible
- ☑ Positive Air Displacement

Type of Installed Pump ___

Other equipment used Surge Block

TIME	TEMP (F)	pH	Cond. (mS or (µS))	TURBIDITY (NTUs)	VOLUME REMOVED:	NOTATIONS:
	Swabbed / Surged well for 15 min					
1102	66.2	7.7	1400	>1000	2.5	Silty, Hard Bottom
1105	65.7	7.7	1360	>1000	5	Removing Silt, "
1108	65.3	7.6	1299	>1000	7.5	" "
1111	65.1	7.7	1260	>1000	10	" "
1114	65.0	7.7	1250	>1000	12.5	Silty, "
1117	65.1	7.7	1233	>1000	15	" "
1120	64.7	7.7	1178	>1000	17.5	Silty, "
1123	64.4	7.6	1159	>1000	20	" "
1126	64.3	7.6	1161	>1000	22.5	" "
1129	64.1	7.7	1155	>1000	25	" "

Did Well Dewater? NO — If yes, note above.

Gallons Actually Evacuated: 25

WELL DEVELOPMENT DATA SHEET

Project #: 03210-MTI	Client: 98996068
Developer: M. Doll	Date Developed: 12-10-03
Well I.D. MW-10	Well Diameter: (circle one) 2 3 (4) 6
Total Well Depth: Before 31.65 After 31.65	Depth to Water: Before 24.33 After 30.61
Reason not developed:	If Free Product, thickness:
Additional Notations:	

Volume Conversion Factor (VCF):
{12 x (d^2/4) x π} /231
where
12 = in / foot
d = diameter (in.)
π = 3.1416
231 = in 3/gal

Well dia.		VCF
2"	=	0.16
3"	=	0.37
4"	=	0.65
6"	=	1.47
10"	=	4.08
12"	=	6.87

4.8	X	10	=	48
1 Case Volume		Specified Volumes		gallons

Purging Device:
- ☐ Bailer
- ☐ Suction Pump
- ☑ Electric Submersible
- ☑ Positive Air Displacement

Type of Installed Pump _____
Other equipment used Surge Block

TIME	TEMP (F)	pH	Cond. (mS or µS)	TURBIDITY (NTUs)	VOLUME REMOVED:	NOTATIONS:
	Swabbed / Surged well 15 min.					
0907	62.9	7.3	1919	>1000	4.5	Silty, Hard Bottom
0913	67.4	7.2	1812	>1000	10	" " 5.5 gpm
0914	67.8	7.1	1856	>1000	15.5	" " "
0915	67.9	7.1	1748	>1000	20	" " 5 gpm
0916	68.7	7.1	1622	>1000	25	" " 5 gpm
0917	68.7	7.1	1508	>1000	30	" " 4 gpm
0918	68.7	7.1	1500	>1000	35	" " "
0919	68.9	7.0	1455	426	40	grey "
0920	69.3	7.0	1388	121	45	clearing up, Hard Bottom
0921	69.0	7.0	1390	100	48	

Did Well Dewater? NO | If yes, note above. | Gallons Actually Evacuated: 48

WELL DEVELOPMENT DATA SHEET

Project #: 03/210 - MTI	Client: 98996068
Developer: M. Toll	Date Developed: 12-10-03
Well I.D. MW-11	Well Diameter: (circle one) 2 3 (4) 6 ___
Total Well Depth: Before 24.02 After 24.05	Depth to Water: Before 19.10 After 21.12
Reason not developed:	If Free Product, thickness:
Additional Notations:	

Volume Conversion Factor (VCF):	Well dia.		VCF
{12 x (d^2/4) x π} /231	2"	=	0.16
where	3"	=	0.37
12 = in / foot	4"	=	0.65
d = diameter (in.)	6"	=	1.47
π = 3.1416	10"	=	4.08
231 = in 3/gal	12"	=	6.87

3.6	X	10	=	36
1 Case Volume		Specified Volumes		gallons

Purging Device:
- ☐ Bailer
- ☐ Suction Pump
- ☑ Electric Submersible
- ☑ Positive Air Displacement

Type of Installed Pump _____

Other equipment used Surge Block

TIME	TEMP (F)	pH	Cond. (mS or (uS))	TURBIDITY (NTUs)	VOLUME REMOVED:	NOTATIONS:
	Swabbed / Surged well for 15 min.					
0955	65.9	7.2	1879	>1000	3.6	Hard Bottom, Grey
0959	68.7	6.9	1497	>1000	7.2	Switched to ES. @ 3.0 gpm
1001	69.4	6.9	1554	>1000	10.8	Odor, Hard Bottom, Grey
1003	70.1	6.9	1448	87.1	14.4	" " , Clearing up
1005	69.9	6.9	1430	51.2	18	" " "
1007	69.8	6.9	1421	37.6	21.6	" " "
1009	69.6	6.9	1400	30.3	25.2	" " " , Dewater
1031	70.4	6.8	1373	31.2	28.8	Surge well for 5 min
1033	70.3	6.9	1374	49.3	32.4	Hard Bottom, Odor, Grey
1035	70.1	6.9	1370	40.2	36	" " "

Did Well Dewater? Yes If yes, note above. Gallons Actually Evacuated: 36