



January 15, 2004

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

Alameda County

JAN 22 2004

Environmental Health

Subject: Shell-branded Service Station
4226 First Street
Pleasanton, California

Dear Mr. Seery:

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

A handwritten signature in cursive script that reads "Karen Petryna".

Karen Petryna
Sr. Environmental Engineer

January 15, 2004

Scott Seery
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
4226 First Street
Pleasanton, California
Incident #98995840
Cambria Project #246-0523-002



Dear Mr. Seery:

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

FOURTH QUARTER 2003 ACTIVITIES

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

ANTICIPATED FIRST QUARTER 2004 ACTIVITIES

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

Oxygen Releasing Compound (ORC): To enhance natural biological degradation of hydrocarbons, Cambria will oversee regular semi-annual replacement of ORC in wells MW-1 and MW-2.

**Cambria
Environmental
Technology, Inc.**

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

CLOSING

We appreciate the opportunity to work with you on this project. Please call Matt Derby at (510) 420-3332 if you have any questions or comments.

Sincerely,
Cambria Environmental Technology, Inc



Anni Kreml
Senior Staff Scientist

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

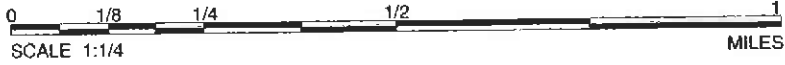
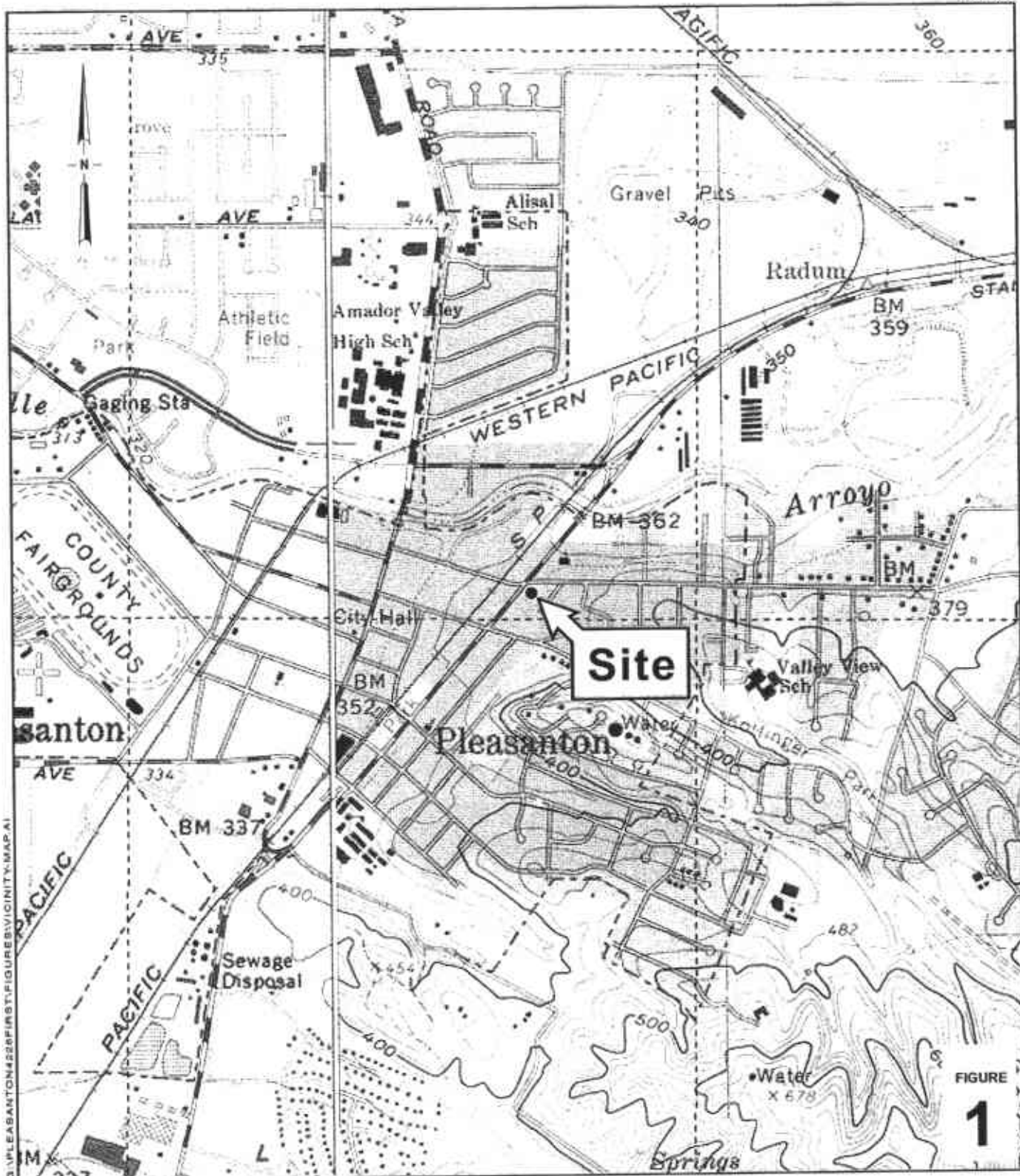


Figures: 1 - Vicinity Map
 2 - Groundwater Elevation Contour Map

Attachment: A - Blaine Groundwater Monitoring Report and Field Notes

cc: Karen Petryna, Shell Oil Products US, 20945 S. Wilmington Ave., Carson, CA 90810
 Douglas E & Mary M Safreno, 1627 Vineyard Avenue, Pleasanton, CA 94566-6389

G:\Pleasanton 4226 First\Qm\4q03\4q03qm.doc



Shell-branded Service Station

4226 First Street
 Pleasanton, California
 Incident #98995840



C A M B R I A

Vicinity Map

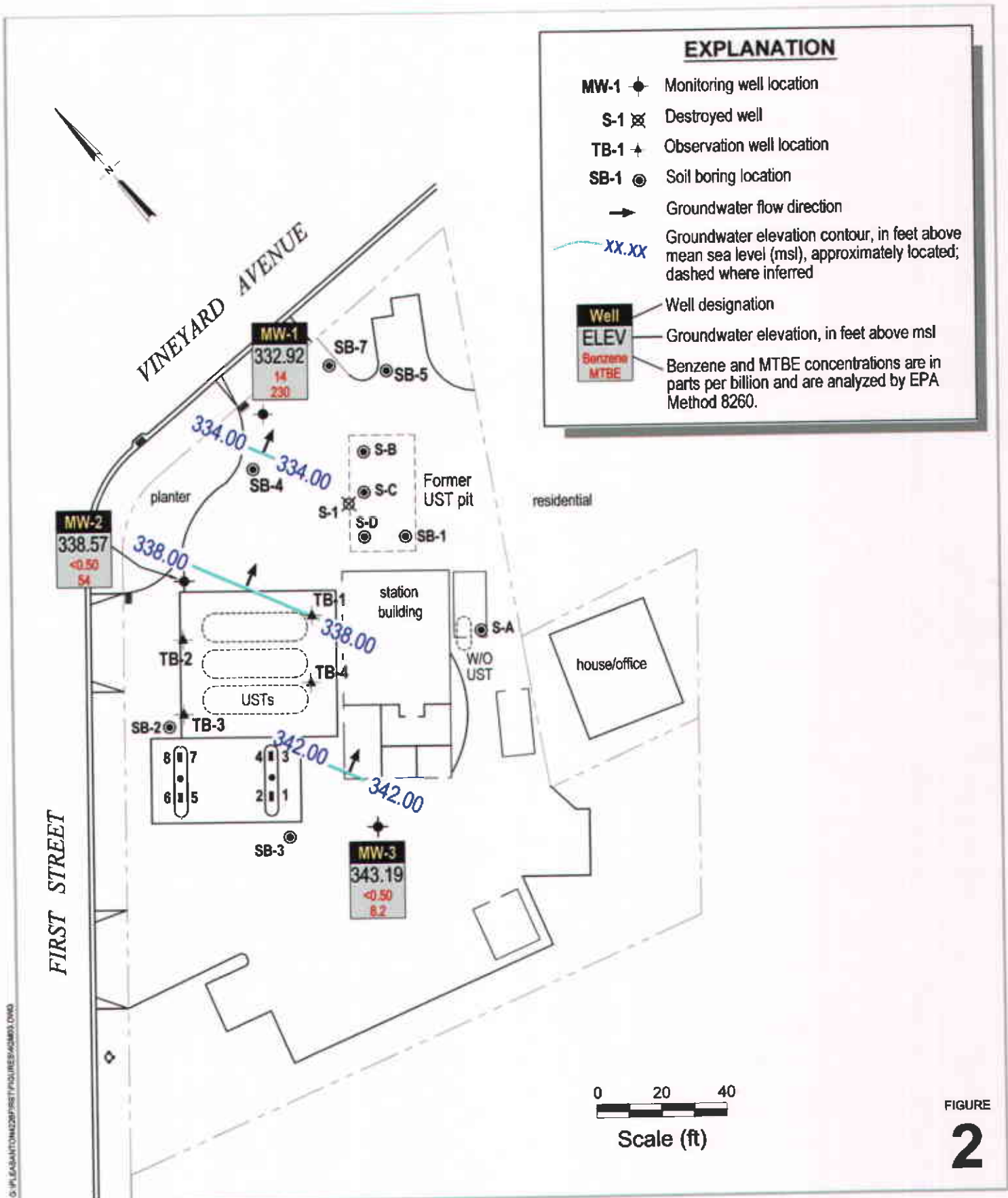


FIGURE
2



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

December 11, 2003

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

Fourth Quarter 2003 Groundwater Monitoring at
Shell-branded Service Station
4226 First Street
Pleasanton, CA

Monitoring performed on November 19, 2003

Groundwater Monitoring Report 031119-JP-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 Martinez Refining Company.

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

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

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

Please call if you have any questions.

Yours truly,

Leon Gearhart
Project Coordinator

LG/jt

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

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

WELL CONCENTRATIONS
Shell-branded Service Station
4226 First Street
Pleasanton, CA

Well ID	Date	TPPH (ug/L)	B (ug/L)	T (ug/L)	E (ug/L)	X (ug/L)	MTBE 8020 (ug/L)	MTBE 8260 (ug/L)	TOC (MSL)	Depth to Water (ft.)	GW Elevation (MSL)
MW-1	06/16/1999	NA	NA	NA	NA	NA	NA	NA	371.20	37.81	333.39
MW-1	06/30/1999	89.0	5.89	<0.500	<0.500	0.652	<5.00	NA	371.20	33.65	337.55
MW-1	09/24/1999	1,560	473	<10.0	<10.0	22.8	<2.50	NA	371.20	37.04	334.16
MW-1	12/08/1999	1,020	375	<5.00	<5.00	15.2	<50.0	NA	371.20	36.79	334.41
MW-1	02/10/2000	523	106	<5.00	<5.00	31.8	2.90	NA	371.20	34.90	336.30
MW-1	05/17/2000	<50.0	<0.500	<0.500	<0.500	<0.500	37.0	29.5	371.20	32.55	338.65
MW-1	08/03/2000	808	290	<2.50	<2.50	8.90	<12.5	NA	371.20	39.13	332.07
MW-1	10/31/2000	507	250	0.962	<0.500	23.5	3.76	NA	371.20	37.91	333.29
MW-1	03/01/2001	<50.0	<0.500	<0.500	<0.500	<0.500	74.6	NA	371.20	39.60	331.60
MW-1	05/30/2001	780	280	<2.0	<2.0	11	NA	<2.0	371.20	39.53	331.67
MW-1	08/02/2001	1,900	580	<2.5	<2.5	12	NA	<25	371.20	39.61	331.59
MW-1	12/06/2001	840	190	<0.50	<0.50	13	NA	<5.0	371.20	39.63	331.57
MW-1	02/05/2002	2,700	650	<2.5	<2.5	7.2	NA	<25	371.20	35.53	335.67
MW-1	06/17/2002	2,500	550	<2.0	<2.0	5.9	NA	<20	371.20	39.29	331.91
MW-1	07/25/2002	690	130	<0.50	<0.50	4.4	NA	18	371.20	39.39	331.81
MW-1	11/14/2002	400	31	<0.50	<0.50	2.7	NA	27	371.20	40.00	331.20
MW-1	02/12/2003	840	0.85	<0.50	<0.50	<0.50	NA	40	371.20	32.92	338.28
MW-1	05/14/2003	680	190	<2.5	<2.5	<5.0	NA	95	371.20	32.57	338.63
MW-1	07/29/2003	870	190	<2.5	<2.5	<5.0	NA	150	371.20	33.82	337.38
MW-1	11/19/2003	<200	14	<2.0	<2.0	<4.0	NA	230	371.20	38.28	332.92
MW-2	02/03/2000	NA	NA	NA	NA	NA	NA	NA	372.40	32.65	339.75
MW-2	02/07/2000	NA	NA	NA	NA	NA	NA	NA	372.40	35.51	336.89
MW-2	02/10/2000	<50.0	<0.500	<0.500	<0.500	<0.500	2.61	NA	372.40	36.62	335.78
MW-2	05/17/2000	120	4.09	<0.500	<0.500	<0.500	29.0	NA	372.40	32.14	340.26
MW-2	08/03/2000	<50.0	0.692	<0.500	<0.500	<0.500	40.5	36.6b	372.40	32.42	339.98
MW-2	10/31/2000	<50.0	<0.500	<0.500	<0.500	<0.500	57.4	44.8c	372.40	33.02	339.38
MW-2	03/01/2001	173	1.64	1.65	2.86	3.97	127	167	372.40	32.54	339.86
MW-2	05/30/2001	<50	<0.50	<0.50	<0.50	<0.50	NA	170	372.40	32.42	339.98

WELL CONCENTRATIONS
Shell-branded Service Station
4226 First Street
Pleasanton, CA

Well ID	Date	TPPH (ug/L)	B (ug/L)	T (ug/L)	E (ug/L)	X (ug/L)	MTBE 8020 (ug/L)	MTBE 8260 (ug/L)	TOC (MSL)	Depth to Water (ft)	GW Elevation (MSL)
MW-2	08/02/2001	<50	<0.50	<0.50	<0.50	<0.50	NA	160	372.40	32.55	339.85
MW-2	12/06/2001	<50	<0.50	<0.50	<0.50	<0.50	NA	170	372.40	33.15	339.25
MW-2	02/05/2002	<50	0.72	<0.50	<0.50	1.7	NA	170	372.40	32.29	340.11
MW-2	06/17/2002	<50	<0.50	<0.50	<0.50	<0.50	NA	260	372.40	32.63	339.77
MW-2	07/25/2002	<50	<0.50	<0.50	<0.50	<0.50	NA	280	372.40	32.80	339.60
MW-2	11/14/2002	120	13	9.0	3.8	14	NA	430	372.40	33.31	339.09
MW-2	02/12/2003	<100	<1.0	<1.0	<1.0	<1.0	NA	430	372.40	32.15	340.25
MW-2	05/14/2003	<250	<2.5	<2.5	<2.5	<5.0	NA	470	372.40	32.01	340.39
MW-2	07/29/2003	<250	<2.5	<2.5	<2.5	<5.0	NA	670	372.40	32.51	339.89
MW-2	11/19/2003	<50	<0.50	<0.50	<0.50	<1.0	NA	54	372.40	33.83	338.57
MW-3	02/03/2000	NA	NA	NA	NA	NA	NA	NA	375.05	32.06	342.99
MW-3	02/07/2000	NA	NA	NA	NA	NA	NA	NA	375.05	32.57	342.48
MW-3	02/10/2000	180	5.12	<0.500	<0.500	0.714	26.8	21.5a	375.05	32.77	342.28
MW-3	05/17/2000	1,360	414	<5.00	<5.00	17.6	<25.0	NA	375.05	31.00	344.05
MW-3	08/03/2000	<50.0	0.536	<0.500	<0.500	<0.500	22.0	NA	375.05	31.03	344.02
MW-3	10/31/2000	<50.0	<0.500	<0.500	<0.500	<0.500	31.1	NA	375.05	31.28	343.77
MW-3	03/01/2001	384	172	0.815	<0.500	8.00	5.16	NA	375.05	31.21	343.84
MW-3	05/30/2001	<50	<0.50	<0.50	<0.50	<0.50	NA	110	375.05	31.02	344.03
MW-3	08/02/2001	<50	<0.50	<0.50	<0.50	<0.50	NA	93	375.05	30.94	344.11
MW-3	12/06/2001	110	<0.50	<0.50	<0.50	2.3	NA	180	375.05	31.28	343.77
MW-3	02/05/2002	<50	0.89	0.60	<0.50	2.1	NA	130	375.05	31.12	343.93
MW-3	06/17/2002	<50	<0.50	<0.50	<0.50	<0.50	NA	72	375.05	31.21	343.84
MW-3	07/25/2002	<50	<0.50	<0.50	<0.50	<0.50	NA	81	375.05	30.96	344.09
MW-3	11/14/2002	<50	<0.50	<0.50	<0.50	<0.50	NA	60	375.05	31.44	343.61
MW-3	02/12/2003	<50	<0.50	<0.50	<0.50	<0.50	NA	43	375.05	31.28	343.77
MW-3	05/14/2003	<50	<0.50	<0.50	<0.50	<1.0	NA	24	375.05	31.20	343.85
MW-3	07/29/2003	<50	<0.50	<0.50	<0.50	<1.0	NA	21	375.05	31.29	343.76
MW-3	11/19/2003	<50	<0.50	<0.50	<0.50	<1.0	NA	8.2	375.05	31.86	343.19

WELL CONCENTRATIONS
Shell-branded Service Station
4226 First Street
Pleasanton, CA

Well ID	Date	TPPH (ug/L)	B (ug/L)	T (ug/L)	E (ug/L)	X (ug/L)	MTBE 8020 (ug/L)	MTBE 8260 (ug/L)	TOC (MSL)	Depth to Water (ft)	GW Elevation (MSL)
TB-1	02/12/2003	Well inaccessible		NA	NA	NA	NA	NA	NA	NA	NA
TB-1	02/28/2003	NA	NA	NA	NA	NA	NA	NA	NA	12.54	NA
TB-1	05/14/2003	<50	<0.50	<0.50	<0.50	<1.0	NA	<5.0	NA	12.31	NA
TB-2	02/12/2003	Well inaccessible		NA	NA	NA	NA	NA	NA	NA	NA
TB-2	02/28/2003	NA	NA	NA	NA	NA	NA	NA	NA	12.56	NA
TB-2	05/14/2003	Insufficient water		NA	NA	NA	NA	NA	NA	12.54	NA
TB-3	02/12/2003	Well dry	NA	NA	NA	NA	NA	NA	NA	NA	NA
TB-3	02/28/2003	Well dry	NA	NA	NA	NA	NA	NA	NA	NA	NA
TB-3	05/14/2003	Well dry	NA	NA	NA	NA	NA	NA	NA	NA	NA
TB-4	02/12/2003	Well dry	NA	NA	NA	NA	NA	NA	NA	NA	NA
TB-4	02/28/2003	Well dry	NA	NA	NA	NA	NA	NA	NA	NA	NA
TB-4	05/14/2003	Well dry	NA	NA	NA	NA	NA	NA	NA	NA	NA

Abbreviations:

TPPH = Total petroleum hydrocarbons as gasoline by EPA Method 8260B; prior to May 30, 2001, analyzed by EPA Method 8015.

BTEX = Benzene, toluene, ethylbenzene, xylenes by EPA Method 8260B; prior to May 30, 2001, analyzed by EPA Method 8020.

MTBE = Methyl-tertiary-butyl ether

TOC = Top of Casing Elevation

GW = Groundwater

ug/L = Parts per billion

MSL = Mean sea level

ft = Feet

<n = Below detection limit

NA = Not applicable

WELL CONCENTRATIONS
Shell-branded Service Station
4226 First Street
Pleasanton, CA

Well ID	Date	TPPH (ug/L)	B (ug/L)	T (ug/L)	E (ug/L)	X (ug/L)	MTBE 8020 (ug/L)	MTBE 8260 (ug/L)	TOC (MSL)	Depth to Water (ft)	GW Elevation (MSL)
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Notes:

a = Sample was analyzed outside of the EPA recommended holding time.

b = Concentration is an estimate value above the linear quantitation range.

c = The result reported was generated out of time. The sample was originally run within hold time, but needed to be re-analyzed.

Well MW-1 surveyed on May 4, 1999, by Virgil Chavez Land Surveying of Vallejo, California.

Site surveyed on March 19, 2000, by Virgil Chavez Land Surveying of Vallejo, California.

Site surveyed on January 15, 2002, by Virgil Chavez Land Surveying of Vallejo, California.

Blaine Tech Services, Inc.

December 05, 2003

1680 Rogers Avenue
San Jose, CA 95112-1105

Attn.: Leon Gearhart

Project#: 031119-JP2

Project: 98995840

Site: 4226 First Street, Pleasanton

Dear Mr. Gearhart,

Attached is our report for your samples received on 11/20/2003 14:25

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 01/04/2004 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: 031119-JP2
98995840

Received: 11/20/2003 14:25

Site: 4226 First Street, Pleasanton

Samples Reported

Sample Name	Date Sampled	Matrix	Lab #
MW-1	11/19/2003 13:30	Water	1
MW-2	11/19/2003 12:50	Water	2
MW-3	11/19/2003 13:45	Water	3

Severn Trent Laboratories, Inc.

STL San Francisco * 1220 Quarry Lane, Pleasanton, CA 94566

Tel 925 484 1919 Fax 925 484 1096 * www.stl-inc.com * CA DHS ELAP# 2496

12/04/2003 17:59

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: 031119-JP2

98995840

Received: 11/20/2003 14:25

Site: 4226 First Street, Pleasanton

Prep(s):	5030B	Test(s):	8260B
Sample ID:	MW-1	Lab ID:	2003-11-0747 - 1
Sampled:	11/19/2003 13:30	Extracted:	11/26/2003 12:28
Matrix:	Water	QC Batch#:	2003/11/26-1D.66
Analysis Flag: o (See Legend and Note Section)			

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Gasoline	ND	200	ug/L	4.00	11/26/2003 12:28	
Benzene	14	2.0	ug/L	4.00	11/26/2003 12:28	
Toluene	ND	2.0	ug/L	4.00	11/26/2003 12:28	
Ethylbenzene	ND	2.0	ug/L	4.00	11/26/2003 12:28	
Total xylenes	ND	4.0	ug/L	4.00	11/26/2003 12:28	
Methyl tert-butyl ether (MTBE)	230	2.0	ug/L	4.00	11/26/2003 12:28	
Surrogate(s)						
1,2-Dichloroethane-d4	107.9	76-130	%	4.00	11/26/2003 12:28	
Toluene-d8	100.3	78-115	%	4.00	11/26/2003 12:28	

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: 031119-JP2
98995840

Received: 11/20/2003 14:25

Site: 4226 First Street, Pleasanton

Prep(s):	5030B	Test(s):	8260B
Sample ID:	MW-2	Lab ID:	2003-11-0747 - 2
Sampled:	11/19/2003 12:50	Extracted:	11/26/2003 12:52 11/26/2003 12:52
Matrix:	Water	QC Batch#:	2003/11/26-1A.66 2003/11/26-1D.66

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Gasoline	ND	50	ug/L	1.00	11/26/2003 12:52	
Benzene	ND	0.50	ug/L	1.00	11/26/2003 12:52	
Toluene	ND	0.50	ug/L	1.00	11/26/2003 12:52	
Ethylbenzene	ND	0.50	ug/L	1.00	11/26/2003 12:52	
Total xylenes	ND	1.0	ug/L	1.00	11/26/2003 12:52	
Methyl tert-butyl ether (MTBE)	54	0.50	ug/L	1.00	11/26/2003 12:52	
Surrogate(s)						
1,2-Dichloroethane-d4	102.3	76-130	%	1.00	11/26/2003 12:52	
Toluene-d8	90.0	78-115	%	1.00	11/26/2003 12:52	

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: 031119-JP2

98995840

Received: 11/20/2003 14:25

Site: 4226 First Street, Pleasanton

Prep(s):	5030B	Test(s):	8260B
Sample ID:	MW-3	Lab ID:	2003-11-0747 - 3
Sampled:	11/19/2003 13:45	Extracted:	11/26/2003 14:04
Matrix:	Water	QC Batch#:	2003/11/26-1D.66

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Gasoline	ND	50	ug/L	1.00	11/26/2003 14:04	
Benzene	ND	0.50	ug/L	1.00	11/26/2003 14:04	
Toluene	ND	0.50	ug/L	1.00	11/26/2003 14:04	
Ethylbenzene	ND	0.50	ug/L	1.00	11/26/2003 14:04	
Total xylenes	ND	1.0	ug/L	1.00	11/26/2003 14:04	
Methyl tert-butyl ether (MTBE)	8.2	0.50	ug/L	1.00	11/26/2003 14:04	
Surrogate(s)						
1,2-Dichloroethane-d4	100.4	76-130	%	1.00	11/26/2003 14:04	
Toluene-d8	94.1	78-115	%	1.00	11/26/2003 14:04	

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: 031119-JP2
98995840

Received: 11/20/2003 14:25

Site: 4226 First Street, Pleasanton

Batch QC Report					
Prep(s): 5030B		Water		Test(s): 8260B	
Method Blank				QC Batch # 2003/11/26-1A.66	
MB: 2003/11/26-1A.66-047				Date Extracted: 11/26/2003 10:47	
Compound	Conc.	RL	Unit	Analyzed	Flag
Gasoline	ND	50	ug/L	11/26/2003 10:47	
Methyl tert-butyl ether (MTBE)	ND	0.5	ug/L	11/26/2003 10:47	
Benzene	ND	0.5	ug/L	11/26/2003 10:47	
Toluene	ND	0.5	ug/L	11/26/2003 10:47	
Ethylbenzene	ND	0.5	ug/L	11/26/2003 10:47	
Total xylenes	ND	1.0	ug/L	11/26/2003 10:47	
Surrogates(s)					
1,2-Dichloroethane-d4	94.8	76-130	%	11/26/2003 10:47	
Toluene-d8	91.6	78-115	%	11/26/2003 10:47	

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: 031119-JP2
98995840

Received: 11/20/2003 14:25

Site: 4226 First Street, Pleasanton

Batch QC Report					
Prep(s): 5030B		Water		Test(s): 8260B	
Method Blank				QC Batch # 2003/11/26-1D-66	
MB: 2003/11/26-1D-66-047				Date Extracted: 11/26/2003 10:47	
Compound	Conc.	RL	Unit	Analyzed	Flag
Gasoline	ND	50	ug/L	11/26/2003 10:47	
Methyl tert-butyl ether (MTBE)	ND	0.5	ug/L	11/26/2003 10:47	
Benzene	ND	0.5	ug/L	11/26/2003 10:47	
Toluene	ND	0.5	ug/L	11/26/2003 10:47	
Ethylbenzene	ND	0.5	ug/L	11/26/2003 10:47	
Total xylenes	ND	1.0	ug/L	11/26/2003 10:47	
Surrogates(s)					
1,2-Dichloroethane-d4	94.8	76-130	%	11/26/2003 10:47	
Toluene-d8	91.6	78-115	%	11/26/2003 10:47	

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: 031119-JP2
98995840

Received: 11/20/2003 14:25

Site: 4226 First Street, Pleasanton

Batch QC Report			
Prep(s): 5030B	Water		Test(s): 8260B
Laboratory Control Spike	QC Batch # 2003/11/26-1A.66		
LCS 2003/11/26-1A.66-059	Extracted: 11/26/2003	Analyzed: 11/26/2003 09:59	
LCSD 2003/11/26-1A.66-023	Extracted: 11/26/2003	Analyzed: 11/26/2003 10:23	

Compound	Conc. ug/L		Exp. Conc.	Recovery %		RPD %	Ctrf. Limits %		Flags	
	LCS	LCSD		LCS	LCSD		Rec.	RPD	LCS	LCSD
Methyl tert-butyl ether (MTBE)	22.3	22.4	25	89.2	89.6	0.4	65-165	20		
Benzene	22.6	22.9	25	90.4	91.6	1.3	69-129	20		
Toluene	22.7	24.1	25	90.8	96.4	6.0	70-130	20		
Surrogates(s)										
1,2-Dichloroethane-d4	473	461	500	94.6	92.2		76-130			
Toluene-d8	452	475	500	90.4	95.0		78-115			

Severn Trent Laboratories, Inc.

STL San Francisco * 1220 Quarry Lane, Pleasanton, CA 94566

Tel 925 484 1919 Fax 925 484 1096 * www.stl-inc.com * CA DHS ELAP# 2496

12/04/2003 17:59

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

Blaine Tech Services, Inc.

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

Project: 031119-JP2
98995840

Received: 11/20/2003 14:25

Site: 4226 First Street, Pleasanton

Batch QC Report										
Prep(s): 5030B					Test(s): 8260B					
Laboratory Control Spike			Water			QC Batch # 2003/11/26-1D.66				
LCS	2003/11/26-1D.66-059		Extracted: 11/26/2003			Analyzed: 11/26/2003 09:59				
LCSD	2003/11/26-1D.66-023		Extracted: 11/26/2003			Analyzed: 11/26/2003 10:23				
Compound	Conc. ug/L		Exp.Conc.	Recovery %		RPD	Ctrl.Limits %		Flags	
	LCS	LCSD		LCS	LCSD		%	Rec.	RPD	LCS
Methyl tert-butyl ether (MTBE)	22.3	22.4	25	89.2	89.6	0.4	65-165	20		
Benzene	22.6	22.9	25	90.4	91.6	1.3	69-129	20		
Toluene	22.7	24.1	25	90.8	96.4	6.0	70-130	20		
Surrogates(s)										
1,2-Dichloroethane-d4	473	461	500	94.6	92.2		76-130			
Toluene-d8	452	475	500	90.4	95.0		78-115			

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

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98995840

Received: 11/20/2003 14:25

Site: 4226 First Street, Pleasanton

Batch QC Report			
Prep(s):	5030B		Test(s): 8260B
Matrix Spike (MS / MSD)		Water	QC Batch # 2003/11/26-1A-66
MW-2 >> MS			Lab ID: 2003-11-0747-002
MS: 2003/11/26-1A-66-016		Extracted: 11/26/2003	Analyzed: 11/26/2003 13:16
			Dilution: 1.00
MSD: 2003/11/26-1A-66-040		Extracted: 11/26/2003	Analyzed: 11/26/2003 13:40
			Dilution: 1.00

Compound	Conc. ug/L			Spk.Level ug/L	Recovery %			Limits %		Flags	
	MS	MSD	Sample		MS	MSD	RPD	Rec.	RPD	MS	MSD
Methyl tert-butyl ether	80.6	78.0	53.8	25	107.2	96.8	10.2	65-165	20		
Benzene	28.2	27.8	ND	25	112.8	111.2	1.4	69-129	20		
Toluene	30.2	27.4	ND	25	120.8	109.6	9.7	70-130	20		
Surrogate(s)											
1,2-Dichloroethane-d4	511	499		500	102.2	99.8		76-130			
Toluene-d8	490	459		500	98.0	91.8		78-115			

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12/04/2003 17:59

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

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Project: 031119-JP2
98995840

Received: 11/20/2003 14:25

Site: 4226 First Street, Pleasanton

Batch QC Report			
Prep(s):	5030B	Test(s):	8260B
Matrix Spike (MS / MSD)	Water	QC Batch #	2003/11/26-1D.66
MW-2 >> MS		Lab ID:	2003-11-0747 - 002
MS: 2003/11/26-1D.66-016	Extracted: 11/26/2003	Analyzed:	11/26/2003 13:16
		Dilution:	1.00
MSD: 2003/11/26-1D.66-040	Extracted: 11/26/2003	Analyzed:	11/26/2003 13:40
		Dilution:	1.00

Compound	Conc. ug/L			Spk.Level ug/L	Recovery %			Limits %		Flags	
	MS	MSD	Sample		MS	MSD	RPD	Rec.	RPD	MS	MSD
Benzene	28.2	27.8	ND	25	112.8	111.2	1.4	69-129	20		
Toluene	30.2	27.4	ND	25	120.8	109.6	9.7	70-130	20		
Methyl tert-butyl ether	80.6	78.0	53.8	25	107.2	96.8	10.2	65-165	20		
<i>Surrogate(s)</i>											
1,2-Dichloroethane-d4	511	499		500	102.3	99.8		76-130			
Toluene-d8	490	459		500	98.0	91.8		78-115			

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Project: 031119-JP2

98995840

Received: 11/20/2003 14:25

Site: 4226 First Street, Pleasanton

Legend and Notes

Analysis Flag

o

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

LAB: 37L

2003-11-07 47 Of Custody Record

80489

Lab identification (if necessary):

Address:

City, State, Zip:

Shell Project Manager to be invoiced:

- SCIENCE & ENGINEERING
- TECHNICAL SERVICES
- CRMT HOUSEK

Karen Petryna

INCIDENT NUMBER (S&E ONLY)

9 8 9 9 5 8 4 0

SAP or CRMT NUMBER (S/CRMT)

DATE: 11/19/03

PAGE: 1 of 1

SHIPPING COMPANY Blaine Tech Services	LOG CODE BTSS	SITE ADDRESS (SERIAL AND CITY) 4226 First Street, Pleasanton	INCIDENT NO. T0600101259
ADDRESS 1680 Rogers Avenue, San Jose, CA 95112	EDF DELIVERABLE TO (RESPONSIBLE PARTY'S COMPANY) Annal Kraml	PHONE NO. 510-420-3335	EMAIL ShellOaklandEDF@cambria-env.com
PROJECT CONTACT (Handwritten or PDF Report to) Leon Gearhart	SAMPLE NAME(S) (Print) Matthew Pyrch		CONTRACT PROJECT NO. 03119-SP2
TELEPHONE 408-573-9555	FAX 408-573-7771	EMAIL lgearhart@blainetech.com	LAB USE ONLY

TURNAROUND TIME (BUSINESS DAYS)

10 DAYS 5 DAYS 12 HOURS 48 HOURS 24 HOURS LESS THAN 24 HOURS

LA - RWQCB REPORT FORMAT LIST AGENCY

ECAMS AITDE CONFIRMATION: HIGHEST _____ HIGHEST per BORING _____ ALL _____

SPECIAL INSTRUCTIONS OR NOTES: CHECK BOX IF EDF IS NOT NEEDED:

REQUESTED ANALYSIS

LAB USE ONLY	Field Sample Identification	SAMPLING		MATRIX	NO. OF CONT.	TPH - Gas, Purgeable	BTX	MTBE (0.01 to 5.0ppb RL)	MTBE (0.250B - 0.5ppb RL)	Oxigenates (S) by (0.250B)	Ethanol (0.250B)	Methanol	1,2-DCA (0.250B)	EDB (0.250B)	TPH - Diesel, Extractable (4015m)
		DATE	TIME												
	MW-1	11/19/03	1530	W	3	X	X	X							
	MW-2		1820		3	X	X	X							
	MW-3		1345		3	X	X	X							

FIELD NOTES:
Container Preservative or PID Readings or Laboratory Notes

27°C
TEMPERATURE ON RECEIPT C

Requested by (Signature) <i>Matthew Pyrch</i>	Received by (Signature) <i>[Signature]</i>	Date <u>11/20/03</u>	Time <u>1925</u>
Requested by (Signature) <i>[Signature]</i>	Received by (Signature) <i>[Signature]</i>	Date <u>11/20/03</u>	Time <u>1940</u>
Requested by (Signature) <i>[Signature]</i>	Received by (Signature) <i>Norma K.</i>	Date <u>11/20/03</u>	Time <u>1940</u>

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

0443 Graphic (7/14) 0508-0702

WELL GAUGING DATA

Project # 031119-JPZ Date 11/19/03 Client sheen

Site 4226 First st, Pleasanton

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	2					38.28	57.22	TOC
MW-2	4					33.83	45.87	↓
MW-3	4					31.86	34.61	↓

SHELL WELL MONITORING DATA SHEET

BTS #: 031119-022	Site: 4226 First st, Pleasanton
Sampler: M. Pyroh	Date: 11/19/03
Well I.D.: MW-(Well Diameter: (2) 3 4 6 8
Total Well Depth (TD): 57.22	Depth to Water (DTW): 38.28
Depth to Free Product:	Thickness of Free Product (feet):
Referenced to: <u>PVC</u> Grade	D.O. Meter (if req'd): YSI HACH
DTW with 80% Recharge [(Height of Water Column x 0.20) + DTW]: 42.03	

Purge Method: Bailer Watera Sampling Method: Bailer
 Disposable Bailer Peristaltic Disposable Bailer
Positive Air Displacement Extraction Pump Extraction Port
 Electric Submersible Other _____ Dedicated Tubing

3.0 (Gals.) X 3 = 9.0 Gals. Case Volume Specified Volumes Calculated Volume	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <th>Well Diameter</th> <th>Multiplier</th> <th>Well Diameter</th> <th>Multiplier</th> </tr> <tr> <td>1"</td> <td>0.04</td> <td>4"</td> <td>0.65</td> </tr> <tr> <td>2"</td> <td>0.16</td> <td>6"</td> <td>1.47</td> </tr> <tr> <td>3"</td> <td>0.37</td> <td>Other</td> <td>radius² * 0.163</td> </tr> </table>	Well Diameter	Multiplier	Well Diameter	Multiplier	1"	0.04	4"	0.65	2"	0.16	6"	1.47	3"	0.37	Other	radius ² * 0.163
Well Diameter	Multiplier	Well Diameter	Multiplier														
1"	0.04	4"	0.65														
2"	0.16	6"	1.47														
3"	0.37	Other	radius ² * 0.163														

Time	Temp (°F)	pH	Cond. (mS or <u>µS</u>)	Turbidity (NTUs)	Gals. Removed	Observations
1317	67.6	7.9	1911	136	3	clear
1322	67.8	6.9	1877	47	6	"
1327	69.8	6.6	1755	81	9	"

Did well dewater? Yes No Gallons actually evacuated: 9

Sampling Date: 11/19/03 Sampling Time: 1330 Depth to Water: 51.56 / site dependent

Sample I.D.: 11/19/03 MW-1 Laboratory: STB Other _____

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

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

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

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

SHELL WELL MONITORING DATA SHEET

BTS #: 031119-JP2	Site: 4226 First st, Pleasanton
Sampler: M. Pyroh	Date: 11/19/03
Well I.D.: MW-2	Well Diameter: 2 3 (4) 6 8
Total Well Depth (TD): 45.87	Depth to Water (DTW): 33.83
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]: 36.23	

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: _____

$\frac{7.8 \text{ (Gals.)} \times 3}{\text{Specified Volumes}} = \frac{23.4}{\text{Calculated Volume}} \text{ Gals.}$	<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th>Well Diameter</th> <th>Multiplier</th> <th>Well Diameter</th> <th>Multiplier</th> </tr> </thead> <tbody> <tr> <td>1"</td> <td>0.04</td> <td>4"</td> <td>0.65</td> </tr> <tr> <td>2"</td> <td>0.16</td> <td>6"</td> <td>1.47</td> </tr> <tr> <td>3"</td> <td>0.37</td> <td>Other</td> <td>radius² * 0.163</td> </tr> </tbody> </table>	Well Diameter	Multiplier	Well Diameter	Multiplier	1"	0.04	4"	0.65	2"	0.16	6"	1.47	3"	0.37	Other	radius ² * 0.163
Well Diameter	Multiplier	Well Diameter	Multiplier														
1"	0.04	4"	0.65														
2"	0.16	6"	1.47														
3"	0.37	Other	radius ² * 0.163														

Time	Temp (°F)	pH	Cond. (mS or μS)	Turbidity (NTUs)	Gals. Removed	Observations
1244	68.2	7.4	1579	22	8.0	clear
1246	69.1	7.4	1641	10	16.0	"
1248	69.3	8.0	1651	40	24.0	"

Did well dewater? Yes No Gallons actually evacuated: 24.0

Sampling Date: 11/19/03 Sampling Time: 1250 Depth to Water: 36.15

Sample I.D.: 11/19/03 - MW-2 Laboratory: STB 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:	mg/L
O.R.P. (if req'd): Pre-purge:	mV	Post-purge:	mV

Blaine Tech Services, Inc. 1680 Rogers Ave., San Jose, CA 95112 (800) 545-7558

SHELL WELL MONITORING DATA SHEET

BTS #: 031119-002	Site: 4226 First st, Pleasanton
Sampler: M. Pynch	Date: 11/19/03
Well I.D.: MW-3	Well Diameter: 2 3 <u>4</u> 6 8
Total Well Depth (TD): 34.61	Depth to Water (DTW): 31.86
Depth to Free Product:	Thickness of Free Product (feet):
Referenced to: <u>PVC</u> Grade	D.O. Meter (if req'd): YSI HACH
DTW with 80% Recharge [(Height of Water Column x 0.20) + DTW]: 32.41	

Purge Method: Bailer Waterra Sampling Method: Bailer
 Disposable Bailer Peristaltic Disposable Bailer
Positive Air Displacement Extraction Pump Extraction Port
 Electric Submersible Other _____ Dedicated Tubing

Other: _____

$\frac{1.8}{1 \text{ Case Volume}} (\text{Gals.}) \times \frac{3}{\text{Specified Volumes}} = \frac{5.4}{\text{Calculated Volume}} \text{ Gals.}$	<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th>Well Diameter</th> <th>Multiplier</th> <th>Well Diameter</th> <th>Multiplier</th> </tr> </thead> <tbody> <tr> <td>1"</td> <td>0.04</td> <td>4"</td> <td>0.65</td> </tr> <tr> <td>2"</td> <td>0.16</td> <td>6"</td> <td>1.47</td> </tr> <tr> <td>3"</td> <td>0.37</td> <td>Other</td> <td>radius² * 0.163</td> </tr> </tbody> </table>	Well Diameter	Multiplier	Well Diameter	Multiplier	1"	0.04	4"	0.65	2"	0.16	6"	1.47	3"	0.37	Other	radius ² * 0.163
Well Diameter	Multiplier	Well Diameter	Multiplier														
1"	0.04	4"	0.65														
2"	0.16	6"	1.47														
3"	0.37	Other	radius ² * 0.163														

Time	Temp (°F)	pH	Cond. (mS or μS)	Turbidity (NTUs)	Gals. Removed	Observations
1225	65.1	8.0	991	28	1.5	clear
1228	Dewatered @		32.20	DTW @	1.8 gal	
1345	68.9	6.8	998	23	-	clear

Did well dewater? Yes No Gallons actually evacuated: 2.0

Sampling Date: 11/19/03 Sampling Time: 1345 Depth to Water: 32.44 (site depth)

Sample I.D.: ~~031119/03~~ MW-3 Laboratory: STB 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:	<u> </u> mg/L	Post-purge:	<u> </u> mg/L
O.R.P. (if req'd):	Pre-purge:	<u> </u> mV	Post-purge:	<u> </u> mV

Blaine Tech Services, Inc. 1680 Rogers Ave., San Jose, CA 95112 (800) 545-7558