



July 13, 2004

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

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

Dear Mr. Seery:

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

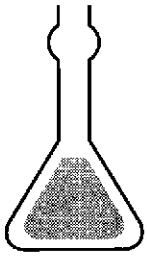
As always, please feel free to contact me directly at (559) 645-9306 with any questions or concerns.

Sincerely,

Shell Oil Products US

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

Karen Petryna
Sr. Environmental Engineer



**TOXICHEM
Management
Systems, Inc.**

Environmental & Occupational Health Services

11 Kenton Avenue
San Carlos, California 94070
(650) 551-0112 / Fax (650) 551-0116

Industrial Hygiene - Exposure Assessment
Quantitative Risk Assessment
Compliance Audits
Real Property Environmental Assessments
Remedial Investigations
Air, Soil, and Groundwater Sampling
Remedial Engineering and Construction
Regulatory Compliance and Negotiation
Litigation Support Services

July 13, 2004
Project EQ-76.2A

REPORTS

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

Re: **Quarterly Monitoring Report – Second Quarter 2004**
Shell-branded Service Station
4226 First Street, Pleasanton, California
Incident Number 98995840, SAP Number 135782

Dear Mr. Seery:

On behalf of Equilon Enterprises LLC dba Shell Oil Products US (Shell), this letter transmits the results of second quarter 2004 groundwater monitoring and sampling conducted at the site referenced above (Figure 1).

Second Quarter 2004 Activities

During the second quarter 2004, Blaine Tech Services, Inc. (Blaine) of San Jose, California gauged and sampled the wells and prepared a summary table of groundwater elevation and analytical data. Toxicchem Management Systems, Inc. (TOXICHEM) prepared the groundwater elevation contour and analytical concentration map (Figure 2). In addition to the regular analysis for total petroleum hydrocarbons as gasoline, benzene, toluene, ethylbenzene, xylenes, and methyl tertiary butyl ether, groundwater samples from all monitoring wells were analyzed for tert-Butyl alcohol (TBA), di-isopropyl ether (DIPE), ethyl tert-butyl ether (ETBE), tert-Amyl methyl ether (TAME). Blaine's report, inclusive of the certified analytical report and field data sheets, is included as Attachment A.

Anticipated Third Quarter 2004 Activities

All site wells will be gauged and sampled by Blaine and the third quarter monitoring report will be prepared and submitted by TOXICHEM.

The oxygen releasing compound (ORC) units will be replaced by Blaine in Wells MW-1 and MW-2 as part of the semi-annual replacement program to enhance the natural biological degradation of petroleum hydrocarbons.

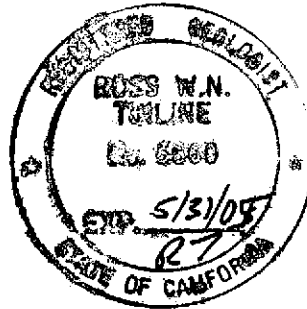
If you have any questions regarding this site, please contact me at (650) 551-0112.

Sincerely,

Toxichem Management Systems, Inc.



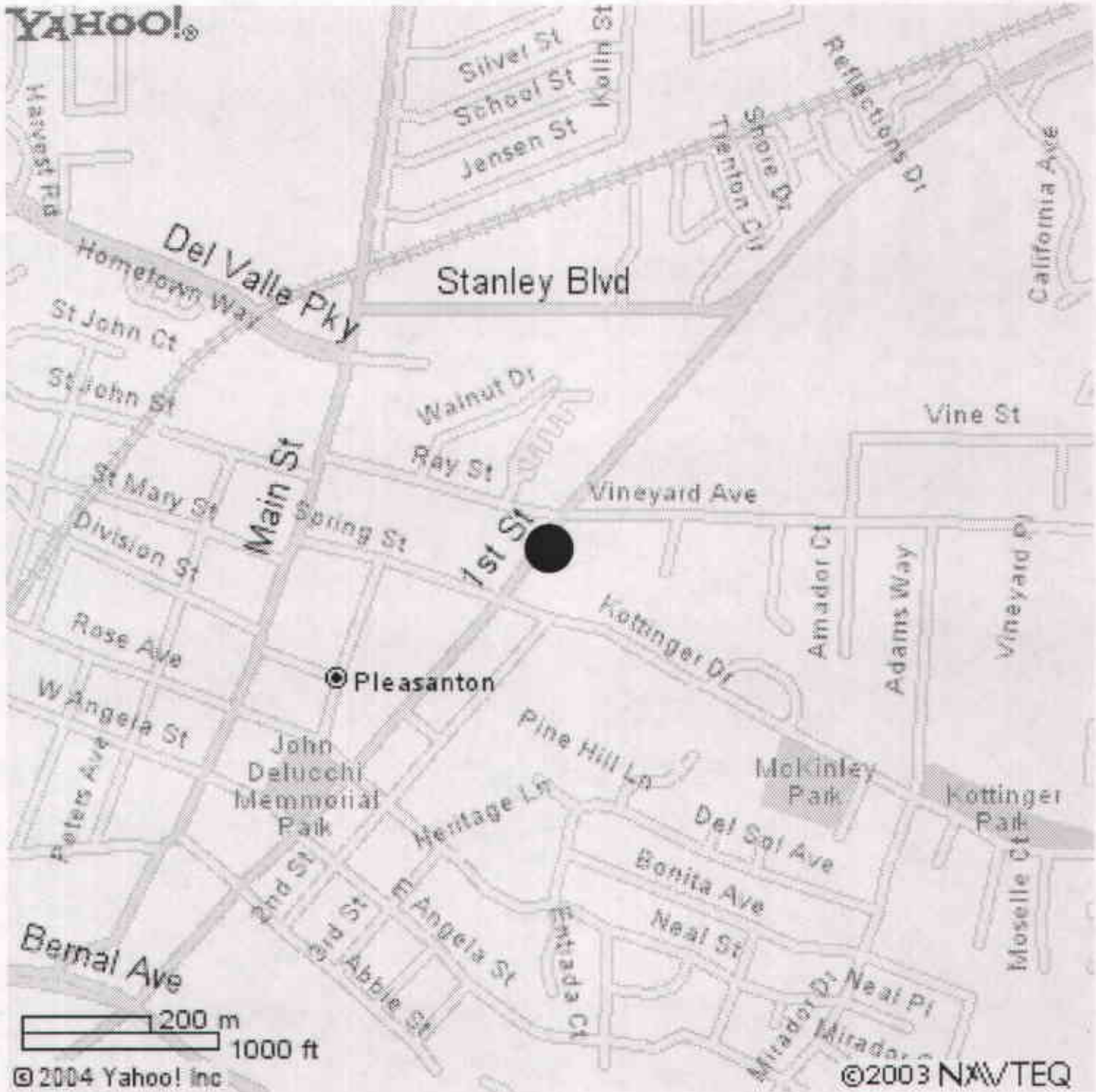
Ross Tinline, RG
Senior Geologist



Attachments: Figure 1 - Vicinity Map
Figure 2 - Benzene/MtBE Concentration and Groundwater Elevation Map
Attachment A - Second Quarter 2004 Groundwater Monitoring Data

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

YAHOO!



 Site Location



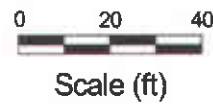
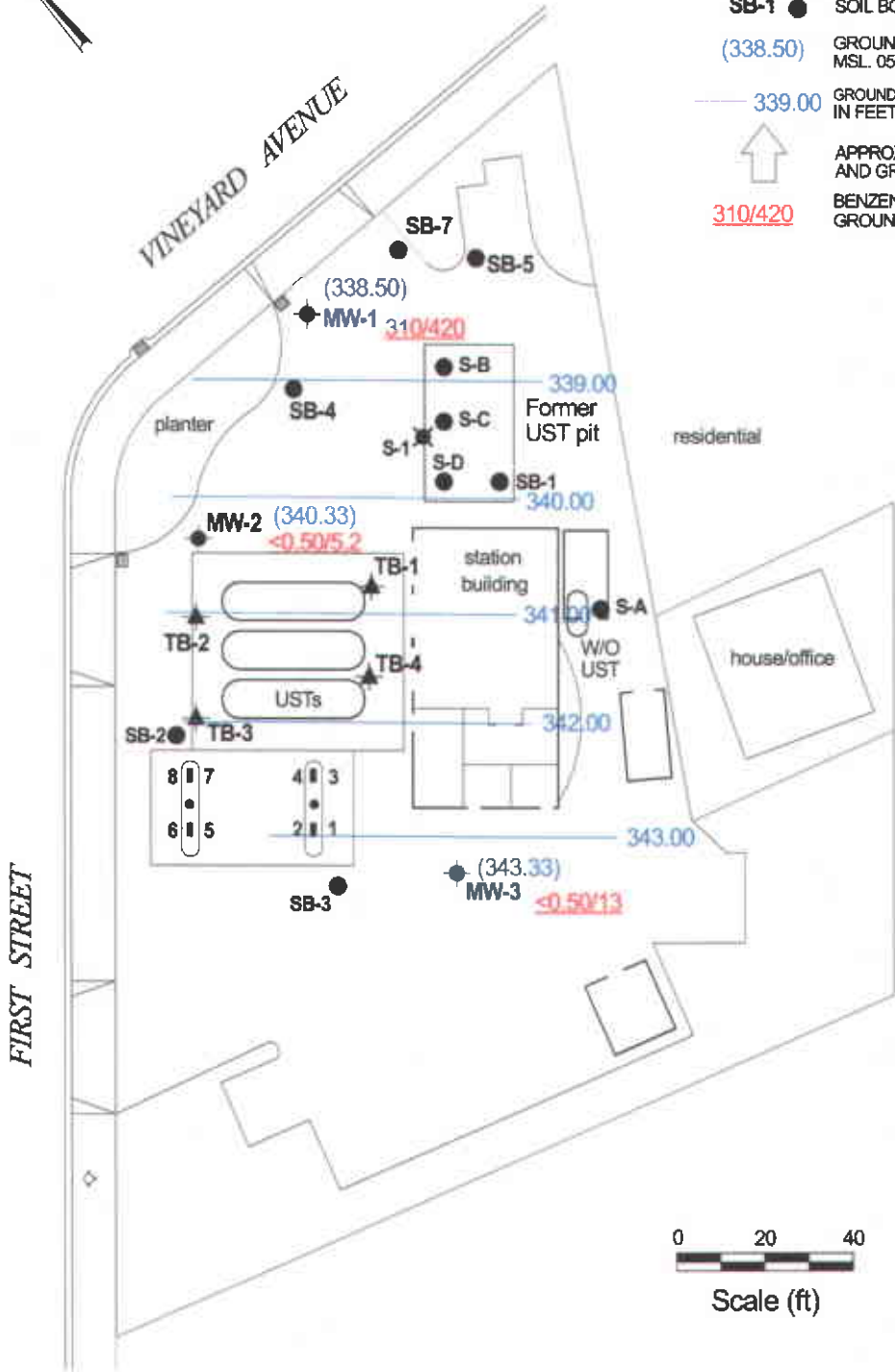
Shell-Branded Service Station
4226 First Street
Pleasanton, California

VICINITY MAP

FIGURE:
1
PROJECT:
EQ-73

LEGEND

- MW-1** ◆ MONITORING WELL LOCATION AND DESIGNATION
- S-1** ✕ DESTROYED WELL
- TB-1** ▲ OBSERVATION WELL LOCATION
- SB-1** ● SOIL BORING LOCATION
- (338.50)** GROUNDWATER ELEVATION IN FEET-MSL, 05/03/04
- 339.00** GROUNDWATER ELEVATION CONTOUR IN FEET-MSL, 05/03/04
-  APPROXIMATE DIRECTION OF GROUNDWATER FLOW AND GRADIENT = 0.039
- 310/420** BENZENE/ MIBE CONCENTRATIONS IN GROUNDWATER IN ug/L, 05/03/04



BASEMAP FROM CAMBRIA ENVIRONMENTAL TECHNOLOGY, Inc.



TOXICHEM
Management
Systems, Inc.
Environmental & Occupational Health Services

Shell-Branded Service Station
4226 First Street
Pleasanton, California

BENZENE/MIBE CONCENTRATION AND GROUNDWATER ELEVATION MAP, MAY 3, 2004

FIGURE:
2

PROJECT:
EQ-76

ATTACHMENT A
SECOND QUARTER 2004 GROUNDWATER MONITORING DATA

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

June 21, 2004

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

Second Quarter 2004 Groundwater Monitoring at
Shell-branded Service Station
4226 First Street
Pleasanton, CA

Monitoring performed on May 3, 2004

Groundwater Monitoring Report **040503-PC-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/ks

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

cc: Ross Tinline
Toxichem Management Systems
11 Kenton Avenue
San Carlos, CA 94070

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-1	02/19/2004	58 d	11	<0.50	<0.50	<1.0	NA	85	371.20	36.93	334.27
MW-1	05/03/2004	670	310	<2.5	<2.5	<5.0	NA	420	371.20	32.70	338.50
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

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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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
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-2	02/19/2004	65	<0.50	3.4	1.4	6.5	NA	8.2	372.40	32.68	339.72
MW-2	05/03/2004	<50	<0.50	<0.50	<0.50	<1.0	NA	5.2	372.40	32.07	340.33

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

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-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
MW-3	02/19/2004	81	0.67	4.4	1.8	8.6	NA	13	375.05	31.66	343.39
MW-3	05/03/2004	<50	<0.50	<0.50	<0.50	<1.0	NA	13	375.05	31.72	343.33
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

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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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

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.

d = Sample contains discrete peak in addition to gasoline.

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

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

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

Blaine Tech Services, Inc.

May 18, 2004

1680 Rogers Avenue
San Jose, CA 95112-1105
Attn.: Leon Gearhart
Project#: 040503-PI2
Project: 98995840
Site: 4226 First Street, Pleasanton

Dear Mr. Gearhart,

Attached is our report for your samples received on 05/04/2004 16:27

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 06/18/2004 unless you have requested otherwise.

We appreciate the opportunity to be of service to you. If you have any questions, please call me at (925) 484-1919.

You can also contact me via email. My email address is: vvancil@stl-inc.com

Sincerely,



Vincent Vancil
Project Manager

Gas/BTEX 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) 573-7771Project: 040503-PI2
98995840

Received: 05/04/2004 16:27

Site: 4226 First Street, Pleasanton

Samples Reported

Sample Name	Date Sampled	Matrix	Lab #
MW-1	05/03/2004 14:55	Water	1
MW-2	05/03/2004 15:10	Water	2
MW-3	05/03/2004 15:25	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

05/18/2004 16:04

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: 040503-PI2
98995840

Received: 05/04/2004 16:27

Site: 4226 First Street, Pleasanton

Prep(s): 5030B Test(s): 8260B
Sample ID: MW-1 Lab ID: 2004-05-0095 - 1
Sampled: 05/03/2004 14:55 Extracted: 5/17/2004 15:23
Matrix: Water QC Batch#: 2004/05/17-1A.64
Analysis Flag: o (See Legend and Note Section)

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Gasoline	670	250	ug/L	5.00	05/17/2004 15:23	
Benzene	310	2.5	ug/L	5.00	05/17/2004 15:23	
Toluene	ND	2.5	ug/L	5.00	05/17/2004 15:23	
Ethylbenzene	ND	2.5	ug/L	5.00	05/17/2004 15:23	
Total xylenes	ND	5.0	ug/L	5.00	05/17/2004 15:23	
tert-Butyl alcohol (TBA)	230	25	ug/L	5.00	05/17/2004 15:23	
Methyl tert-butyl ether (MTBE)	420	2.5	ug/L	5.00	05/17/2004 15:23	
Di-isopropyl Ether (DIPE)	13	10	ug/L	5.00	05/17/2004 15:23	
Ethyl tert-butyl ether (ETBE)	ND	10	ug/L	5.00	05/17/2004 15:23	
tert-Amyl methyl ether (TAME)	ND	10	ug/L	5.00	05/17/2004 15:23	
Surrogate(s)						
1,2-Dichloroethane-d4	109.0	76-130	%	5.00	05/17/2004 15:23	
Toluene-d8	97.5	78-115	%	5.00	05/17/2004 15:23	

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

05/18/2004 16:04

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: 040503-PI2

98995840

Received: 05/04/2004 16:27

Site: 4226 First Street, Pleasanton

Prep(s): 5030B Test(s): 8260B
 Sample ID: MW-2 Lab ID: 2004-05-0095 - 2
 Sampled: 05/03/2004 15:10 Extracted: 5/15/2004 15:53
 Matrix: Water QC Batch#: 2004/05/15-1B.64

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Gasoline	ND	50	ug/L	1.00	05/15/2004 15:53	
Benzene	ND	0.50	ug/L	1.00	05/15/2004 15:53	
Toluene	ND	0.50	ug/L	1.00	05/15/2004 15:53	
Ethylbenzene	ND	0.50	ug/L	1.00	05/15/2004 15:53	
Total xylenes	ND	1.0	ug/L	1.00	05/15/2004 15:53	
tert-Butyl alcohol (TBA)	ND	5.0	ug/L	1.00	05/15/2004 15:53	
Methyl tert-butyl ether (MTBE)	5.2	0.50	ug/L	1.00	05/15/2004 15:53	
Di-isopropyl Ether (DIPE)	ND	2.0	ug/L	1.00	05/15/2004 15:53	
Ethyl tert-butyl ether (ETBE)	ND	2.0	ug/L	1.00	05/15/2004 15:53	
tert-Amyl methyl ether (TAME)	ND	2.0	ug/L	1.00	05/15/2004 15:53	
Surrogate(s)						
1,2-Dichloroethane-d4	110.7	76-130	%	1.00	05/15/2004 15:53	
Toluene-d8	99.1	78-115	%	1.00	05/15/2004 15:53	

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: 040503-PI2
98995840

Received: 05/04/2004 16:27

Site: 4226 First Street, Pleasanton

Prep(s): 5030B	Test(s): 8260B
Sample ID: MW-3	Lab ID: 2004-05-0095 - 3
Sampled: 05/03/2004 15:25	Extracted: 5/14/2004 23:05
Matrix: Water	QC Batch#: 2004/05/14-2A.64

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Gasoline	ND	50	ug/L	1.00	05/14/2004 23:05	
Benzene	ND	0.50	ug/L	1.00	05/14/2004 23:05	
Toluene	ND	0.50	ug/L	1.00	05/14/2004 23:05	
Ethylbenzene	ND	0.50	ug/L	1.00	05/14/2004 23:05	
Total xylenes	ND	1.0	ug/L	1.00	05/14/2004 23:05	
tert-Butyl alcohol (TBA)	ND	5.0	ug/L	1.00	05/14/2004 23:05	
Methyl tert-butyl ether (MTBE)	13	0.50	ug/L	1.00	05/14/2004 23:05	
Di-isopropyl Ether (DIPE)	ND	2.0	ug/L	1.00	05/14/2004 23:05	
Ethyl tert-butyl ether (ETBE)	ND	2.0	ug/L	1.00	05/14/2004 23:05	
tert-Amyl methyl ether (TAME)	ND	2.0	ug/L	1.00	05/14/2004 23:05	
Surrogate(s)						
1,2-Dichloroethane-d4	104.7	76-130	%	1.00	05/14/2004 23:05	
Toluene-d8	94.9	78-115	%	1.00	05/14/2004 23:05	

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

05/18/2004 16:04

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: 040503-PI2
98995840

Received: 05/04/2004 16:27

Site: 4226 First Street, Pleasanton

Batch QC Report

Prep(s): 5030B

Test(s): 8260B

Method Blank

Water

QC Batch # 2004/05/14-2A.64

MB: 2004/05/14-2A.64-051

Date Extracted: 05/14/2004 18:51

Compound	Conc.	RL	Unit	Analyzed	Flag
Gasoline	ND	50	ug/L	05/14/2004 18:51	
Benzene	ND	0.5	ug/L	05/14/2004 18:51	
Toluene	ND	0.5	ug/L	05/14/2004 18:51	
Ethylbenzene	ND	0.5	ug/L	05/14/2004 18:51	
Total xylenes	ND	1.0	ug/L	05/14/2004 18:51	
tert-Butyl alcohol (TBA)	ND	5.0	ug/L	05/14/2004 18:51	
Methyl tert-butyl ether (MTBE)	ND	0.5	ug/L	05/14/2004 18:51	
Di-isopropyl Ether (DIPE)	ND	2.0	ug/L	05/14/2004 18:51	
Ethyl tert-butyl ether (ETBE)	ND	2.0	ug/L	05/14/2004 18:51	
tert-Amyl methyl ether (TAME)	ND	2.0	ug/L	05/14/2004 18:51	
Surrogates(s)					
1,2-Dichloroethane-d4	103.0	76-130	%	05/14/2004 18:51	
Toluene-d8	95.4	78-115	%	05/14/2004 18:51	

Severn Trent Laboratories, Inc.

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05/18/2004 16:04

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: 040503-PI2
98995840

Received: 05/04/2004 16:27

Site: 4226 First Street, Pleasanton

Batch QC Report

Prep(s): 5030B

Test(s): 8260B

Method Blank

Water

QC Batch # 2004/05/15-1B.64

MB: 2004/05/15-1B.64-012

Date Extracted: 05/15/2004 07:12

Compound	Conc.	RL	Unit	Analyzed	Flag
Gasoline	ND	50	ug/L	05/15/2004 07:12	
Benzene	ND	0.5	ug/L	05/15/2004 07:12	
Toluene	ND	0.5	ug/L	05/15/2004 07:12	
Ethylbenzene	ND	0.5	ug/L	05/15/2004 07:12	
Total xylenes	ND	1.0	ug/L	05/15/2004 07:12	
tert-Butyl alcohol (TBA)	ND	5.0	ug/L	05/15/2004 07:12	
Methyl tert-butyl ether (MTBE)	ND	0.5	ug/L	05/15/2004 07:12	
Di-isopropyl Ether (DIPE)	ND	2.0	ug/L	05/15/2004 07:12	
Ethyl tert-butyl ether (ETBE)	ND	2.0	ug/L	05/15/2004 07:12	
tert-Amyl methyl ether (TAME)	ND	2.0	ug/L	05/15/2004 07:12	
Surrogates(s)					
1,2-Dichloroethane-d4	103.4	76-130	%	05/15/2004 07:12	
Toluene-d8	97.8	78-115	%	05/15/2004 07:12	

Severn Trent Laboratories, Inc.

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05/18/2004 16:04

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: 040503-PI2
98995840

Received: 05/04/2004 16:27

Site: 4226 First Street, Pleasanton

Batch QC Report

Prep(s): 5030B

Method Blank

MB: 2004/05/17-1A.64-021

Water

Test(s): 8260B

QC Batch # 2004/05/17-1A.64

Date Extracted: 05/17/2004 09:21

Compound	Conc.	RL	Unit	Analyzed	Flag
Gasoline	ND	50	ug/L	05/17/2004 09:21	
tert-Butyl alcohol (TBA)	ND	5.0	ug/L	05/17/2004 09:21	
Methyl tert-butyl ether (MTBE)	ND	0.5	ug/L	05/17/2004 09:21	
Di-isopropyl Ether (DIPE)	ND	2.0	ug/L	05/17/2004 09:21	
Ethyl tert-butyl ether (ETBE)	ND	2.0	ug/L	05/17/2004 09:21	
tert-Amyl methyl ether (TAME)	ND	2.0	ug/L	05/17/2004 09:21	
Benzene	ND	0.5	ug/L	05/17/2004 09:21	
Toluene	ND	0.5	ug/L	05/17/2004 09:21	
Ethylbenzene	ND	0.5	ug/L	05/17/2004 09:21	
Total xylenes	ND	1.0	ug/L	05/17/2004 09:21	
Surrogates(s)					
1,2-Dichloroethane-d4	104.6	76-130	%	05/17/2004 09:21	
Toluene-d8	102.0	78-115	%	05/17/2004 09:21	

Severn Trent Laboratories, Inc.

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05/18/2004 16:04

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: 040503-PI2
98995840

Received: 05/04/2004 16:27

Site: 4226 First Street, Pleasanton

Batch QC Report

Prep(s): 5030B

Test(s): 8260B

Laboratory Control Spike

Water

QC Batch # 2004/05/14-2A.64

LCS 2004/05/14-2A.64-007

Extracted: 05/14/2004

Analyzed: 05/14/2004 18:07

LCSD 2004/05/14-2A.64-029

Extracted: 05/14/2004

Analyzed: 05/14/2004 18:29

Compound	Conc. ug/L		Exp. Conc.	Recovery %		RPD	Ctrl. Limits %		Flags	
	LCS	LCSD		LCS	LCSD		%	Rec.	RPD	LCS
Benzene	24.0	22.7	25	96.0	90.8	5.6	69-129	20		
Toluene	25.7	23.2	25	102.8	92.8	10.2	70-130	20		
Methyl tert-butyl ether (MTBE)	25.5	23.7	25	102.0	94.8	7.3	65-165	20		
Surrogates(s)										
1,2-Dichloroethane-d4	503	475	500	100.6	95.0		76-130			
Toluene-d8	484	480	500	96.8	96.0		78-115			

Severn Trent Laboratories, Inc.

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05/18/2004 16:04

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: 040503-PI2
98995840

Received: 05/04/2004 16:27

Site: 4226 First Street, Pleasanton

Batch QC Report

Prep(s): 5030B

Test(s): 8260B

Laboratory Control Spike

Water

QC Batch # 2004/05/15-1B.64

LCS 2004/05/15-1B.64-034

Extracted: 05/15/2004

Analyzed: 05/15/2004 07:34

LCSD 2004/05/15-1B.64-050

Extracted: 05/15/2004

Analyzed: 05/15/2004 06:50

Compound	Conc. ug/L		Exp.Conc.	Recovery %		RPD	Ctrl.Limits %		Flags	
	LCS	LCSD		LCS	LCSD		%	Rec.	RPD	LCS
Benzene	23.2	24.0	25	92.8	96.0	3.4	69-129	20		
Toluene	24.3	24.6	25	97.2	98.4	1.2	70-130	20		
Methyl tert-butyl ether (MTBE)	23.1	24.5	25	92.4	98.0	5.9	65-165	20		
Surrogates(s)										
1,2-Dichloroethane-d4	472	472	500	94.4	94.4		76-130			
Toluene-d8	491	488	500	98.2	97.6		78-115			

Severn Trent Laboratories, Inc.

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

05/18/2004 16:04

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

Blaine Tech Services, Inc.

Attn.: Leon Gearhart

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

Project: 040503-PI2
98995840

Received: 05/04/2004 16:27

Site: 4226 First Street, Pleasanton

Batch QC Report

Prep(s): 5030B

Test(s): 8260B

Laboratory Control Spike

Water

QC Batch # 2004/05/17-1A.64

LCS 2004/05/17-1A.64-036

Extracted: 05/17/2004

Analyzed: 05/17/2004 08:36

LCSD 2004/05/17-1A.64-058

Extracted: 05/17/2004

Analyzed: 05/17/2004 08:58

Compound	Conc. ug/L		Exp. Conc.	Recovery %		RPD %	Ctrl. Limits %		Flags	
	LCS	LCSD		LCS	LCSD		Rec.	RPD	LCS	LCSD
Methyl tert-butyl ether (MTBE)	22.7	23.3	25	90.8	93.2	2.6	65-165	20		
Benzene	21.4	22.6	25	85.6	90.4	5.5	69-129	20		
Toluene	22.2	23.3	25	88.8	93.2	4.8	70-130	20		
Surrogates(s)										
1,2-Dichloroethane-d4	530	509	500	106.0	101.8		76-130			
Toluene-d8	506	512	500	101.2	102.4		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

05/18/2004 16:04

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: 040503-PI2

98995840

Received: 05/04/2004 16:27

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.

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

05/18/2004 16:04

LAB: STL

SHELL Chain Of Custody Record

85451

Lab Identification (if necessary):

Address:

City, State, Zip

Shell Project Manager to be Invoiced:

- SCIENCE & ENGINEERING
- TECHNICAL SERVICES
- O&M HOUSTON

Karen Petryna

2004-05-0095

INCIDENT NUMBER (S&E ONLY)

9 8 9 9 5 8 4 0

SAP or GRMT NUMBER (TS/CRMT)

DATE: 5/1/04

PAGE: 1 of 1

LAB SELECT COMPANY Blaine Tech Services ADDRESS: 1680 Rogers Avenue, San Jose, CA 95112 PROJECT CONTRACT # (required for PTP Reporting) Leon Gearhart TELEPHONE: 408-573-0555 FAX: 408-573-7771 E-MAIL: gearhart@blainetech.com		CITY/STATE: BTSS ZIP ADDRESS (Street and City): 4226 First Street, Pleasanton COUNTRY CODE: T0600101259 FOR DELIVERY TO (Person or Party of Day): Ross Tipline PHONE NO. (Area Code): (650) 551-0112 E-MAIL: rosset@toxicchem.com CARRIER/PROJECT NO. (if any): 040503-RTZ																																					
TURNAROUND TIME (BUSINESS DAYS): <input checked="" type="checkbox"/> 10 DAYS <input type="checkbox"/> 5 DAYS <input type="checkbox"/> 72 HOURS <input type="checkbox"/> 48 HOURS <input type="checkbox"/> 24 HOURS <input type="checkbox"/> LESS THAN 24 HOURS <input type="checkbox"/> LA - RWQCB REPORT FORMAT <input type="checkbox"/> UST AGENCY GC MS MTBE CONFIRMATION: HIGHEST _____ HIGHEST per BORING _____ ALL _____ SPECIAL INSTRUCTIONS OR NOTES: CHECK BOX IF EGO IS NOT NEEDED: <input type="checkbox"/>		REQUESTED ANALYSIS <table border="1"> <tr> <td>TPH - Gas, Purgeable</td> <td>TPH - Diesel, Extractable (B0100)</td> <td colspan="2">FIELD NOTES: Container/Preservative or PID Readings or Laboratory Notes</td> </tr> <tr> <td>BTEX</td> <td></td> <td colspan="2">TEMPERATURE ON RECEIPT °C: <u>3.0</u></td> </tr> <tr> <td>MTBE (0271B - 5ppb RL)</td> <td></td> <td colspan="2"></td> </tr> <tr> <td>MTBE (0260B - 0.5ppb RL)</td> <td></td> <td colspan="2"></td> </tr> <tr> <td>Oxygenates (S) by (0260B)</td> <td></td> <td colspan="2"></td> </tr> <tr> <td>Ethanol (0260B)</td> <td></td> <td colspan="2"></td> </tr> <tr> <td>Methanol</td> <td></td> <td colspan="2"></td> </tr> <tr> <td>1,2-DCA (0260B)</td> <td></td> <td colspan="2"></td> </tr> <tr> <td>EDB (0260B)</td> <td></td> <td colspan="2"></td> </tr> </table>		TPH - Gas, Purgeable	TPH - Diesel, Extractable (B0100)	FIELD NOTES: Container/Preservative or PID Readings or Laboratory Notes		BTEX		TEMPERATURE ON RECEIPT °C: <u>3.0</u>		MTBE (0271B - 5ppb RL)				MTBE (0260B - 0.5ppb RL)				Oxygenates (S) by (0260B)				Ethanol (0260B)				Methanol				1,2-DCA (0260B)				EDB (0260B)			
TPH - Gas, Purgeable	TPH - Diesel, Extractable (B0100)	FIELD NOTES: Container/Preservative or PID Readings or Laboratory Notes																																					
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LAB USE ONLY	Field Sample Identification		SAMPLING		MATRIX	NO. OF CONT.	TPH - Gas, Purgeable	BTEX	MTBE (0271B - 5ppb RL)	MTBE (0260B - 0.5ppb RL)	Oxygenates (S) by (0260B)	Ethanol (0260B)	Methanol	1,2-DCA (0260B)	EDB (0260B)	TPH - Diesel, Extractable (B0100)	FIELD NOTES: Container/Preservative or PID Readings or Laboratory Notes
			DATE	TIME													
	MU-1		5/1/04	1435	V	3	X	X	X								
	MU-2		↓	1510	↓	3	X	X	X								
	MU-3			1525		3	X	X	X								

Requested by (Signature): <u>P. Cornish</u>	Received by (Signature): <u>[Signature]</u>	Date: <u>5/1/04</u>	Time: <u>12:53</u>
Requested by (Signature): <u>[Signature]</u>	Received by (Signature): <u>[Signature]</u>	Date: <u>5/1/04</u>	Time: <u>16:27</u>
Requested by (Signature):	Received by (Signature):	Date:	Time:

WELLHEAD INSPECTION CHECKLIST

Client Swell Date 5/2/04

Site Address 4226 1st Ave. Pleasanton

Job Number 040503-PC2 Technician D. Cornish

Well ID	Well Inspected - No Corrective Action Required	Water Bailed From Wellbox	Wellbox Components Cleaned	Cap Replaced	Lock Replaced	Other Action Taken (explain below)	Well Not Inspected (explain below)	Repair Order Submitted
MW-1	K							
MW-2	A							
MW-3	A							

NOTES: MW-1 - ORC replaced in well

WELL GAUGING DATA

Project # 040503-PC2 Date 5/3/04 Client S Well

Site 4226 1st 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 TOB	
MW-1	2					32.70	57.10	↓	open
MW-2	4					32.03	45.88		
MW-3	4					31.72	34.58		

SHELL WELL MONITORING DATA SHEET

S #: <u>040503-PC2</u>	Site: <u>4226 First St, Pleasanton</u>
Sampler: <u>PC</u>	Date: <u>5/3/04</u>
Well I.D.: <u>MW-1</u>	Well Diameter: <u>2</u> 3 4 6 8
Actual Well Depth (TD): <u>57.10</u>	Depth to Water (DTW): <u>32.90</u>
Depth to Free Product:	Thickness of Free Product (feet):
Referenced to: <u>VC</u> Grade	D.O. Meter (if req'd): <u>YSI</u> <u>HACH</u>
W with 80% Recharge [(Height of Water Column x 0.20) + DTW]: <u>37.58</u>	

Sample Method: <input type="checkbox"/> Bailer <input type="checkbox"/> Disposable Bailer <input checked="" type="checkbox"/> Positive Air Displacement <input type="checkbox"/> Electric Submersible	Water: <input type="checkbox"/> Peristaltic <input type="checkbox"/> Extraction Pump Other: _____	Sampling Method: <input checked="" type="checkbox"/> Bailer <input type="checkbox"/> Disposable Bailer <input type="checkbox"/> Extraction Port <input type="checkbox"/> Dedicated Tubing Other: _____
--	---	--

3.9 (Gals.) X Use Volume	Specified Volumes	= <u>11.7</u> Gals. Calculated Volume	<table border="1" style="font-size: small;"> <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 μ S)	Turbidity (NTUs)	Gals. Removed	Observations
320	75.3	6.7	1834	654	3.9	brown
328	74.1	6.6	1808	605	7.8	↓
336	72.9	6.8	1834	346	11.7	
1418	DTW - 45.94					

Is well dewatered? Yes No Gallons actually evacuated: 12

Sampling Date: 5/3/04 Sampling Time: 1455 Depth to Water: 43.59 site Demature

Sample I.D.: MW-1 Laboratory: STD Other: _____

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

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

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

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

SHELL WELL MONITORING DATA SHEET

S#: 040503-PC2	Site: 4226 Fat St., Pleasanton
Sampler: PC	Date: 5/3/04
Well I.D.: MW-2	Well Diameter: 2 3 <u>4</u> 6 8
Total Well Depth (TD): 45.88	Depth to Water (DTW): 32.07
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]: 34.83	

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

$\frac{9 \text{ (Gals.)} \times 3}{\text{Base Volume Specified Volumes}} = \frac{27}{\text{Calculated Volume}} \text{ Gals.}$	<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>1.17</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"	1.17	3"	0.37	Other	radius ² + 0.163
Well Diameter	Multiplier	Well Diameter	Multiplier														
1"	0.04	4"	0.65														
2"	0.16	6"	1.17														
3"	0.37	Other	radius ² + 0.163														

Time	Temp (°F)	pH	Cond. (mS or µS)	Turbidity (NTUs)	Gals. Removed	Observations
348	75.6	8.3	1734	80	9	clear
351	74.2	7.6	1710	48	18	↓
353	74.9	8.5	1678	40	27	
1420	DTW: 42.80					

Is well dewater? Yes No Gallons actually evacuated: 27

Sampling Date: 5/3/04 Sampling Time: 1510 Depth to Water: 41.95 ^{site departure}

Sample I.D.: MW-2 Laboratory: STD Other _____

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

3 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
R.P. (if req'd):	Pre-purge:	mV	Post-purge:	mV

SHELL WELL MONITORING DATA SHEET

S#: <u>040503-PC2</u>	Site: <u>4226 First St., Pleasanton</u>
Sampler: <u>PC</u>	Date: <u>5/3/04</u>
Well I.D.: <u>MW-3</u>	Well Diameter: 2 3 <u>4</u> 6 8
Total Well Depth (TD): <u>34.58</u>	Depth to Water (DTW): <u>31.72</u>
Depth to Free Product:	Thickness of Free Product (feet):
Referenced to: <u>ICE</u> Grade	D.O. Meter (if req'd): YSI HACH
DTW with 80% Recharge [(Height of Water Column x 0.20) + DTW]: <u>37.29</u>	

Sample Method: Bailor Water Sampling Method: Bailor
 Disposable Bailor Peristaltic Disposable Bailor
 Positive Air Displacement Extraction Pump Extraction Port
 Electric Submersible Other: _____ Dedicated Tubing

$$\frac{1.9 \text{ (Gals.)} \times 3}{\text{Specified Volume}} = \frac{5.7 \text{ Gals.}}{\text{Calculated Volume}}$$

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	
1408	80.1	6.8	1208	30	20	-	
408	well dewatered @ 2.5 gals.						
525	87.6	6.8	1093	39		-	

Did well dewater? Yes No Gallons actually evacuated: 2.5

Sampling Date: 5/3/04 Sampling Time: 1525 Depth to Water: 32.90 *Site departure*

Sample I.D.: MW-3 Laboratory: TD Other: _____

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

B 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
	D.R.P. (if req'd):	Pre-purge:	mV	Post-purge: