



**CONESTOGA-ROVERS  
& ASSOCIATES**

5900 Hollis Street, Suite A  
Emeryville, California 94608  
Telephone: (510) 420-0700 Fax: (510) 420-9170  
www.CRAworld.com

**TRANSMITTAL**

DATE: February 18, 2009 REFERENCE NO.: 240733  
PROJECT NAME: 2120 Montana Street, Oakland  
TO: Jerry Wickham  
Alameda County Health Care Services Agency  
1131 Harbor Bay Parkway, Suite 250  
Alameda, California 94502-6577

**RECEIVED**  
2:28 pm, Feb 23, 2009  
Alameda County  
Environmental Health

Please find enclosed:  Draft  Final  
 Originals  Other  
 Prints  
Sent via:  Mail  Same Day Courier  
 Overnight Courier  Other GeoTracker and Alameda County FTP

QUANTITY	DESCRIPTION
1	Groundwater Monitoring Report - Fourth Quarter 2008

As Requested  For Review and Comment  
 For Your Use  \_\_\_\_\_  
 \_\_\_\_\_

**COMMENTS:**  
If you have any questions regarding the content of this document, please contact Peter Schaefer at (510) 420-3319.

Copy to: Denis Brown  
SF Data Room  
Completed by: Peter Schaefer Signed: Aubrey Cool  
[Please Print]

Filing: Correspondence File



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

Denis L. Brown  
Shell Oil Products US  
HSE - Environmental Services  
20945 S. Wilmington Ave.  
Carson, CA 90810-1039  
Tel (707) 865 0251  
Fax (707) 865 2542  
Email [denis.l.brown@shell.com](mailto:denis.l.brown@shell.com)

Re: Shell-branded Service Station  
2120 Montana Street  
Oakland, California  
SAP Code 135675  
Incident No. 98995740  
ACHCSA Case No. RO0000173

Dear Mr. Wickham:

The attached document is provided for your review and comment. Upon information and belief, I declare, under penalty of perjury, that the information contained in the attached document is true and correct.

If you have any questions or concerns, please call me at (707) 865-0251.

Sincerely,

A handwritten signature in black ink, appearing to read "Denis L. Brown", is written over a horizontal line.

Denis L. Brown  
Project Manager



## **GROUNDWATER MONITORING REPORT - FOURTH QUARTER 2008**

**SHELL-BRANDED SERVICE STATION  
2120 MONTANA STREET  
OAKLAND, CALIFORNIA**

**SAP CODE           135675  
INCIDENT NO.    98995740  
AGENCY NO.      RO0000173**

**FEBRUARY 18, 2009**

**REF. NO. 240733 (3)**

This report is printed on recycled paper.

**Prepared by:  
Conestoga-Rovers  
& Associates**

5900 Hollis Street, Suite A  
Emeryville, California  
U.S.A. 94608

Office: (510) 420-0700  
Fax: (510) 420-9170

web: <http://www.CRAworld.com>

TABLE OF CONTENTS

	<u>Page</u>
1.0 INTRODUCTION.....	1
1.1 SITE INFORMATION .....	1
2.0 SITE ACTIVITIES, FINDINGS, AND DISCUSSION.....	2
2.1 CURRENT QUARTER'S ACTIVITIES.....	2
2.2 CURRENT QUARTER'S FINDINGS .....	2
2.3 PROPOSED ACTIVITIES FOR NEXT QUARTER .....	2

LIST OF FIGURES  
(Following Text)

- 
- FIGURE 1 VICINITY MAP
- FIGURE 2 GROUNDWATER CONTOUR AND CHEMICAL CONCENTRATION MAP

LIST OF APPENDICES

- APPENDIX A BLAINE TECH SERVICES, INC. - GROUNDWATER MONITORING  
REPORT

## 1.0 INTRODUCTION

Conestoga-Rovers & Associates (CRA) prepared this report on behalf of Equilon Enterprises LLC dba Shell Oil Products US (Shell) in accordance with the quarterly reporting requirements of 23 CCR 2652d.

### 1.1 SITE INFORMATION

Site Address	2120 Montana Street, Oakland
Site Use	Shell-branded Service Station
Shell Project Manager	Denis Brown
CRA Project Manager	Peter Schaefer
Lead Agency and Contact	ACHCSA, Jerry Wickham
Agency Case No.	RO0000173
Shell SAP Code	135675
Shell Incident No.	98995740

Date of most recent agency correspondence was December 19, 2008.

## 2.0 SITE ACTIVITIES, FINDINGS, AND DISCUSSION

### 2.1 CURRENT QUARTER'S ACTIVITIES

Blaine Tech Services, Inc. (Blaine) gauged and sampled the wells according to the established monitoring program for this site.

CRA prepared a vicinity map (Figure 1) and a groundwater contour and chemical concentration map (Figure 2). Blaine's report, presenting the analytical data, is included in Appendix A.

### 2.2 CURRENT QUARTER'S FINDINGS

Groundwater Flow Direction	Generally southwesterly
Hydraulic Gradient	0.03
Depth to Water	10.17 to 13.13 feet below top of well casing

### 2.3 PROPOSED ACTIVITIES FOR NEXT QUARTER

Blaine will gauge and sample wells according to the established monitoring program for this site.

Alameda County Health Care Services Agency's December 19, 2008 letter requested sampling of soil vapor probes SV-D and SV-E. CRA will provide a report presenting the results of this sampling event by May 29, 2009.

All of Which is Respectfully Submitted,  
CONESTOGA-ROVERS & ASSOCIATES

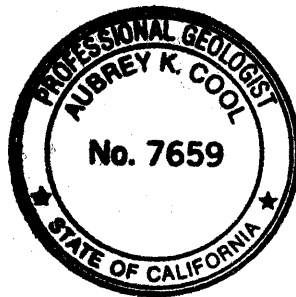
---

*A. Schaefer* for:

Peter Schaefer, CHG, CEG

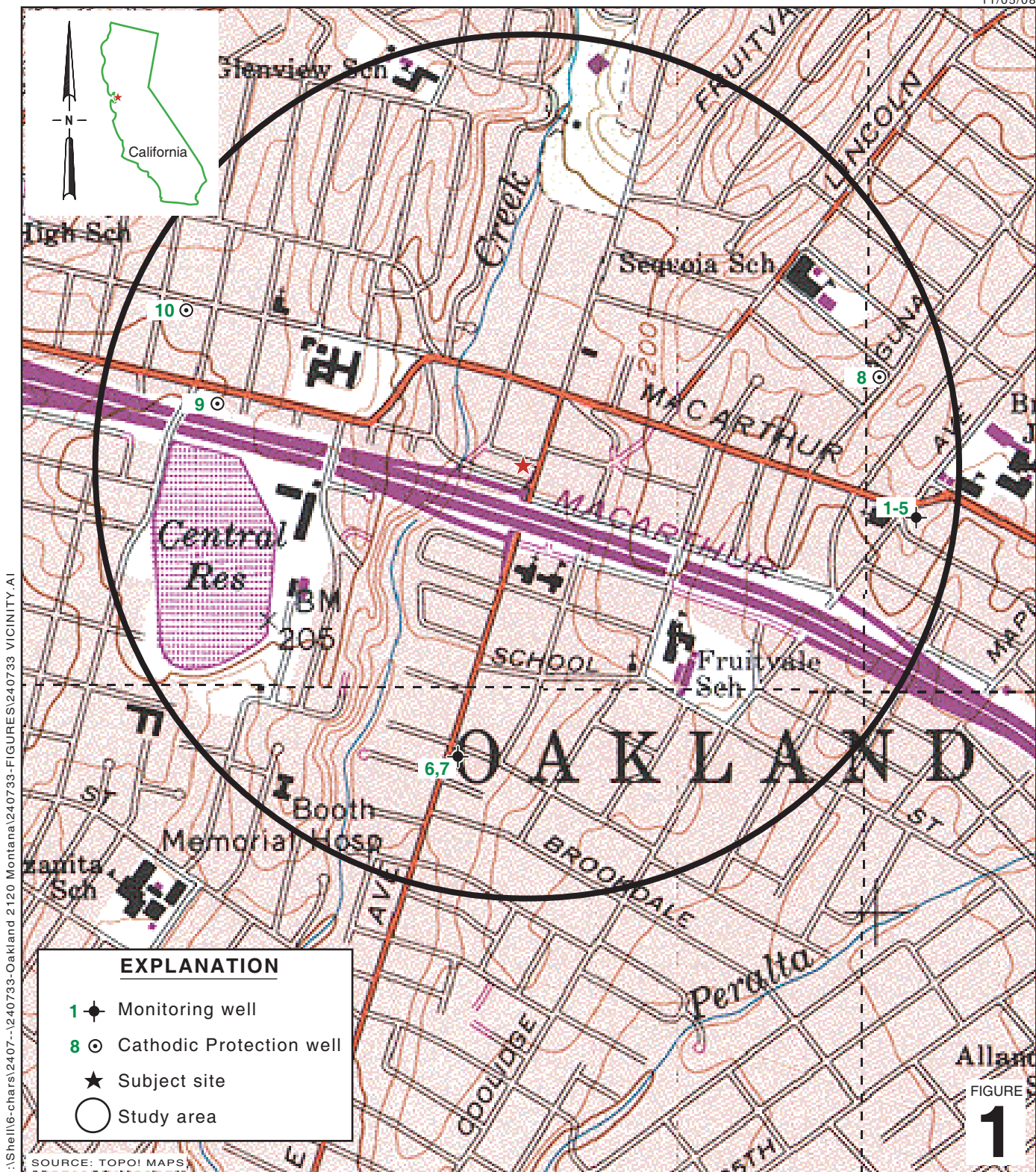
*Aubrey K. Cool*

Aubrey K. Cool, PG





## FIGURES



I:\Shell\6-chars\2407--\240733-Oakland 2120 Montana\240733-FIGURES\240733 VICINITY.A1

FIGURE 1

**Shell-branded Service Station**  
 2120 Montana Street  
 Oakland, California



**CONESTOGA-ROVERS  
 & ASSOCIATES**

**Vicinity Map**

### EXPLANATION

- EW-1** Extraction well location
  - MW-1** Well formerly used for groundwater extraction
  - MW-2** Monitoring well location
  - TBW-N** Tank backfill well location
  - SV-D** Soil vapor sampling location (06/14-16/05)
  - SV-A** Attempted soil vapor sampling location (6/14/05)
  - INF** GWE system sampling location
  - Remediation piping (R)
  - Discharge line (D)
  - Electrical and overhead electric line (E, OE)
  - Sanitary sewer (SS)
  - Water line (W)
  - Telecommunications line (T)
  - Product dispenser number
  - Groundwater flow direction and gradient
  - Groundwater elevation contour, in feet above mean sea level (msl)
- | Well    | ELEV |    |     |
|---------|------|----|-----|
| Benzene | MTBE | 30 | 460 |
| Benzene | MTBE | 48 | 180 |
- Notes:**  
**ND** = Not detected

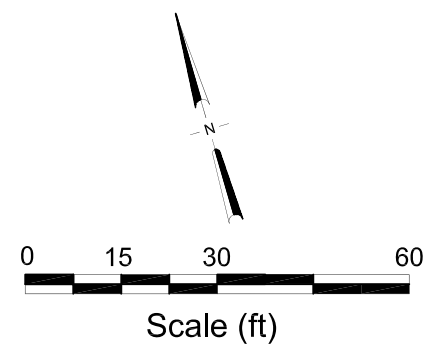
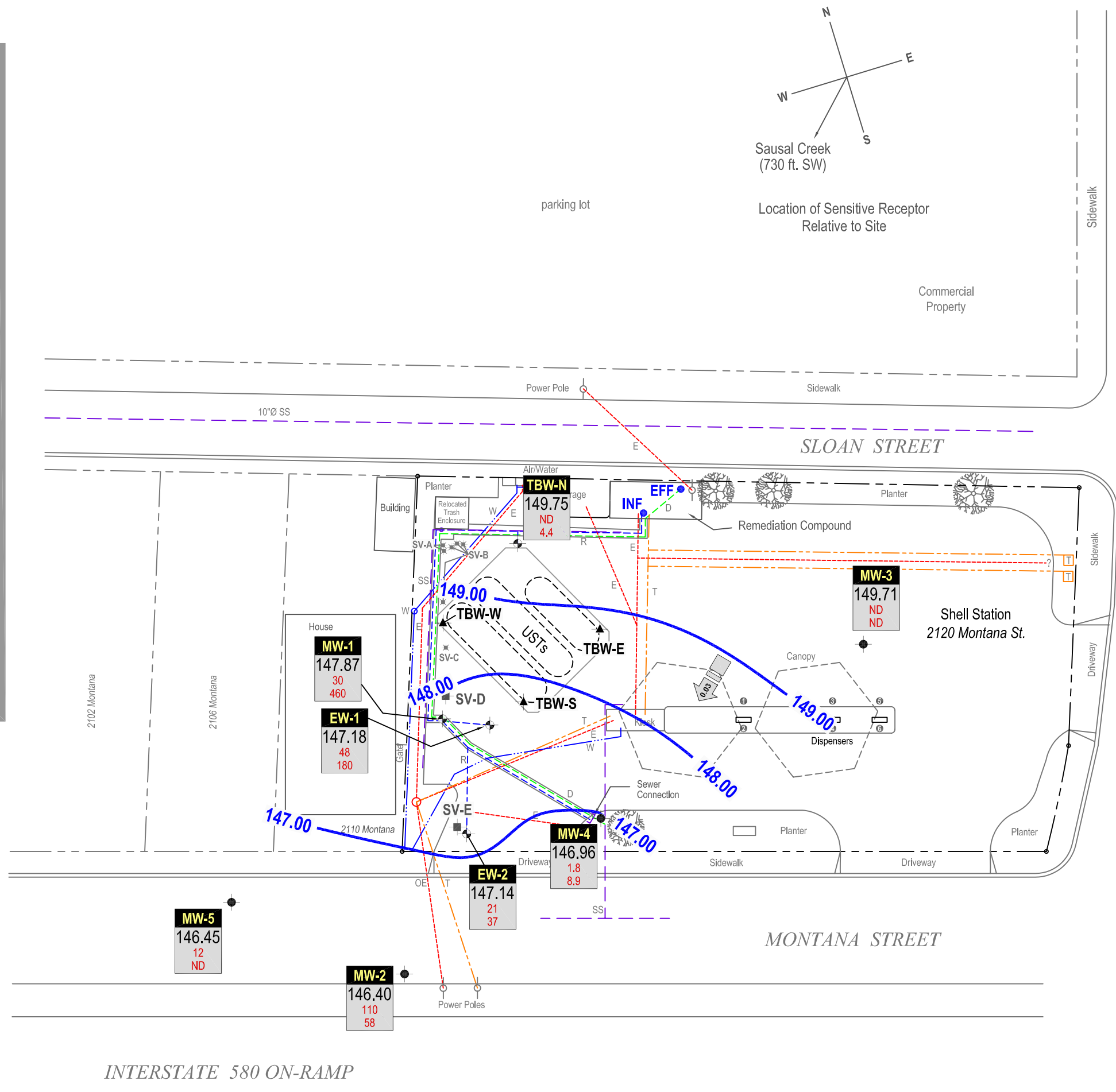


FIGURE 2

Groundwater Contour and Chemical Concentration Map

December 29, 2008



Shell-branded Service Station  
2120 Montana Street  
Oakland, California

I:\Shell16-chars\2407--\240733-Oakland 2120 Montana\240733-REPORTS\240733-RPT3-4-08\240733-4CM08-GW.DWG

APPENDIX A

BLAINE TECH SERVICES, INC. -  
GROUNDWATER MONITORING REPORT

---

**BLAINE**  
TECH SERVICES INC.

---

GROUNDWATER SAMPLING SPECIALISTS  
SINCE 1985

January 16, 2009

Denis Brown  
Shell Oil Products US  
20945 South Wilmington Avenue  
Carson, CA 90810

Fourth Quarter 2008 Groundwater Monitoring at  
Shell-branded Service Station  
2120 Montana Street  
Oakland, CA

Monitoring performed on December 29, 2008

---

Groundwater Monitoring Report **081229-JL-1**

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

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

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

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

Please call if you have any questions.

Yours truly,

Mike Ninokata  
Project Manager

MN/tm

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

cc: Anni Kreml  
Conestoga-Rovers & Associates  
5900 Hollis Street, Suite A  
Emeryville, CA 94608

**WELL CONCENTRATIONS**  
**Shell-branded Service Station**  
**2120 Montana Street**  
**Oakland, 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)	DIPE (ug/L)	ETBE (ug/L)	TAME (ug/L)	TBA (ug/L)	TOC (MSL)	Depth to Water (ft.)	GW Elevation (MSL)	SPH Thickness (ft.)
MW-1	3/19/3001	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	159.59	12.14	147.45	ND
MW-1	3/23/2001	16,600	753	1,720	407	2,330	NA	27,500	NA	NA	NA	NA	159.59	12.25	147.34	ND
MW-1	5/31/2001	<20,000 d	1,000 d	920 d	490 d	2,000 d	NA	54,000 d	NA	NA	NA	NA	161.13	12.22	148.91	ND
MW-1	6/27/2001	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	159.59	13.00b	NA	ND
MW-1	7/9/2001	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	159.59	13.17	146.67	0.31
MW-1	9/25/2001	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	159.59	14.27	145.66	0.43
MW-1	11/20/2001	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	159.59	13.49	146.14	0.05
MW-1	12/5/2001	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	159.59	11.32	148.31	0.05
MW-1	3/1/2002	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	159.59	13.22	146.56	0.24
MW-1	6/6/2002	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	159.59	12.99	147.00	0.50
MW-1	7/16/2002	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	159.59	13.37	146.22	ND
MW-1	9/6/2002	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	159.57	13.30	146.70	0.54
MW-1	12/12/2002	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	159.57	13.78	146.61	1.03
MW-1	3/31/2003	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	159.57	11.21	148.38	0.03
MW-1	6/30/2003	7,800	<25	37	<25	380	NA	2,000	NA	NA	NA	NA	159.57	12.20	147.37	ND
MW-1	9/9/2003	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	159.08	15.70	145.28	2.38
MW-1	12/29/2003	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	159.08	11.25	147.89	0.07
MW-1	3/17/2004	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	159.08	11.80	147.40	0.15
MW-1	5/24/2004	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	159.08	12.42	146.71	0.06
MW-1	9/17/2004	8,000	530	380	330	960	NA	1,100	<20	<20	<20	4,100	159.08	15.95	143.13	ND
MW-1	12/6/2004	2,800	150	<5.0	120	120	NA	300	NA	NA	NA	NA	159.08	13.15	145.93	ND
MW-1	3/2/2005	13,000	490	710	360	2,200	NA	5,000	NA	NA	NA	NA	159.08	12.14	146.94	ND
MW-1	6/10/2005	5,600	210	120	120	910	NA	3,100	NA	NA	NA	NA	159.08	NA	NA	<0.01
MW-1	9/1/2005	<1,300	73	<13	30	42	NA	2,400	<50	<50	<50	13,000	159.08	11.71	147.37	ND
MW-1	11/16/2005	4,150	62.7	10.9	45.2	98.9	NA	845	NA	NA	NA	NA	159.08	11.71	147.37	ND
MW-1 i	3/3/2006	<50.0	<0.500	<0.500	<0.500	<0.500	NA	0.790	NA	NA	NA	<10.0	159.08	13.37	145.71	ND
MW-1	5/12/2006	3,430	80.0	0.530	26.8	71.9	NA	154	NA	NA	NA	1,040	159.08	17.41	141.67	ND
MW-1	9/5/2006	5,390	24.8	2.44	6.69	22.2	NA	106	<0.500	<0.500	<0.500	4,860	159.08	12.12	146.96	ND

**WELL CONCENTRATIONS**  
**Shell-branded Service Station**  
**2120 Montana Street**  
**Oakland, 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)	DIPE (ug/L)	ETBE (ug/L)	TAME (ug/L)	TBA (ug/L)	TOC (MSL)	Depth to Water (ft.)	GW Elevation (MSL)	SPH Thickness (ft.)
---------	------	----------------	-------------	-------------	-------------	-------------	------------------------	------------------------	----------------	----------------	----------------	---------------	--------------	----------------------------	--------------------------	---------------------------

MW-1	12/18/2006	6,800	120	28	110	840	NA	1,100	NA	NA	NA	5,400	159.08	10.74	148.34	ND
MW-1	3/21/2007	Well inaccessible		NA	NA	NA	NA	NA	NA	NA	NA	NA	159.08	NA	NA	ND
MW-1	6/14/2007	6,200	18	<5.0	11	4.6 k	NA	68	NA	NA	NA	1,800	159.08	19.82	139.26	ND
MW-1	8/27/2007	2,700 l	13	<5.0	3.9 k	5.6 k	NA	54	<10	<10	<10	1,200	159.08	12.20	146.88	ND
MW-1	11/29/2007	2,600 l	20	1.9 k	8.3	29.4	NA	350	NA	NA	NA	4,100	159.08	11.68	147.40	ND
MW-1	3/21/2008	4,600	42	<5.0	120	94	NA	300	NA	NA	NA	3,200	159.08	11.59	147.49	ND
MW-1	5/29/2008	1,800	11	<5.0	<5.0	<5.0	NA	150	NA	NA	NA	3,900	159.08	11.87	147.21	ND
MW-1	8/29/2008	2,400	42	<5.0	23	<5.0	NA	320	<10	<10	<10	4,700	159.08	12.33	146.75	ND
<b>MW-1</b>	<b>12/29/2008</b>	<b>2,700</b>	<b>30</b>	<b>&lt;5.0</b>	<b>28</b>	<b>45</b>	<b>NA</b>	<b>460</b>	<b>NA</b>	<b>NA</b>	<b>NA</b>	<b>3,300</b>	<b>159.08</b>	<b>11.21</b>	<b>147.87</b>	<b>ND</b>

MW-2	3/19/3001	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	158.03	11.60	146.43	ND
MW-2	3/23/2001	4,450	280	41.0	62.1	63.0	NA	16,600	NA	NA	NA	NA	158.03	11.76	146.27	ND
MW-2	5/31/2001	<20,000 a	820 a	<200 a	<200 a	<200 a	NA	63,000 a	NA	NA	NA	NA	158.03	11.40	146.63	ND
MW-2	6/27/2001	<50,000	610	4.0	13	9.2	NA	47,000	NA	NA	NA	NA	158.03	12.65	145.38	ND
MW-2	9/25/2001	<2,000	41	<20	<20	<20	NA	6,400	NA	NA	NA	NA	158.03	12.89	145.14	ND
MW-2	12/5/2001	<2,000	74	<20	<20	<20	NA	8,400	NA	NA	NA	NA	158.03	10.40	147.63	ND
MW-2	3/1/2002	<1,000	<10	<10	<10	<10	NA	2,900	NA	NA	NA	NA	158.03	11.52	146.51	ND
MW-2	6/6/2002	<5,000	210	<50	<50	<50	NA	23,000	NA	NA	NA	NA	158.03	12.15	145.88	ND
MW-2	7/16/2002	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	158.03	12.25	145.78	ND
MW-2	9/6/2002	<2,000	56	<20	<20	<20	NA	11,000	NA	NA	NA	NA	158.01	12.44	145.57	ND
MW-2	12/12/2002	<2,500	80	<25	<25	<25	NA	13,000	NA	NA	NA	NA	158.01	12.53	145.48	ND
MW-2	3/31/2003	<5,000	230	1,200	95	150	NA	13,000	NA	NA	NA	NA	158.01	11.98	146.03	ND
MW-2	6/30/2003	<12,000	780	<120	170	250	NA	9,000	NA	NA	NA	NA	158.01	12.10	145.91	ND
MW-2	9/9/2003	140,000	4,600	40,000	4,800	32,000	NA	11,000	NA	NA	NA	NA	158.01	12.94	145.07	ND
MW-2	12/29/2003	220,000	240	4,800	2,900	19,000	NA	1,000	NA	NA	NA	NA	158.01	11.20	146.81	ND
MW-2	3/17/2004	25,000	170	390	280	1,400	NA	1,500	NA	NA	NA	NA	158.01	11.40	146.61	ND
MW-2	5/24/2004	140,000	<25	220	1,200	6,800	NA	320	NA	NA	NA	NA	158.01	12.28	145.73	ND
MW-2	9/17/2004	64,000	2,900	230	2,300	9,700	NA	6,300	<100	<100	<100	4,100	158.01	12.90	145.11	ND



**WELL CONCENTRATIONS**  
**Shell-branded Service Station**  
**2120 Montana Street**  
**Oakland, 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)	DIPE (ug/L)	ETBE (ug/L)	TAME (ug/L)	TBA (ug/L)	TOC (MSL)	Depth to Water (ft.)	GW Elevation (MSL)	SPH Thickness (ft.)
MW-2	12/6/2004	47,000	1,200	46	1,300	6,000	NA	3,900	NA	NA	NA	NA	158.01	13.02	144.99	ND
MW-2	3/2/2005	85,000	1,600	81	1,900	6,900	NA	2,500	NA	NA	NA	NA	158.01	11.06	146.95	ND
MW-2	6/10/2005	100,000	450	<25	440	800	NA	300	NA	NA	NA	NA	158.01	11.71	146.30	ND
MW-2	9/1/2005	140,000 g	490	<25	550	850	NA	110	<100	<100	<100	1,900	158.01	12.11	145.90	ND
MW-2	11/16/2005	473,000 h	776	18.7	1,300	2,730	NA	374	NA	NA	NA	NA	158.01	12.15	145.86	ND
MW-2 i	3/3/2006	4,830	6.25	2.29	14.6	5.45	NA	106	NA	NA	NA	228	158.01	11.40	146.61	ND
MW-2	5/12/2006	7,610	1,200	27.9	858	396	NA	688	NA	NA	NA	681	158.01	14.22	143.79	ND
MW-2	9/5/2006	84,000	683	10.2	314	300	NA	96.7	<0.500	<0.500	<0.500	1,250	158.01	12.20	145.81	ND
MW-2	12/18/2006	19,000	230	6.2	130	64	NA	94	NA	NA	NA	1,600	158.01	11.03	146.98	ND
MW-2	3/21/2007	30,000	380	31	460	290	NA	95	NA	NA	NA	1,700	158.01	11.75	146.26	ND
MW-2	6/14/2007	Well inaccessible		NA	NA	NA	NA	NA	NA	NA	NA	NA	158.01	NA	NA	ND
MW-2	8/27/2007	83,000 l	220	8.7 k	99	24.5k	NA	<10	<20	<20	<20	980	158.01	12.54	145.47	ND
MW-2	11/29/2007	23,000 l	28	<10	20	<10	NA	<10	NA	NA	NA	1,200	158.01	11.77	146.24	ND
MW-2	3/21/2008	Well inaccessible		NA	NA	NA	NA	NA	NA	NA	NA	NA	158.01	NA	NA	ND
MW-2	5/29/2008	14,000	130	14	78	6.8	NA	130	NA	NA	NA	1,000	158.01	12.11	145.90	ND
MW-2	8/29/2008	14,000	120	10	23	6.6	NA	60	<10	<10	<10	810	158.01	12.32	145.69	ND
<b>MW-2</b>	<b>12/29/2008</b>	<b>33,000</b>	<b>110</b>	<b>&lt;10</b>	<b>15</b>	<b>&lt;10</b>	<b>NA</b>	<b>58</b>	<b>NA</b>	<b>NA</b>	<b>NA</b>	<b>890</b>	<b>158.01</b>	<b>11.61</b>	<b>146.40</b>	<b>ND</b>
MW-3	3/19/3001	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	161.13	11.42	149.71	ND
MW-3	3/23/2001	<50.0	<0.500	<0.500	<0.500	<0.500	NA	1.26	NA	NA	NA	NA	161.13	11.42	149.71	ND
MW-3	5/31/2001	<50 e	<0.50 e	<0.50 e	<0.50 e	<0.50 e	NA	<5.0 e	NA	NA	NA	NA	159.59	13.00	146.59	ND
MW-3	6/27/2001	<50	<0.50	<0.50	<0.50	<0.50	NA	<0.50	NA	NA	NA	NA	161.13	12.32	148.81	ND
MW-3	9/25/2001	<50	<0.50	<0.50	<0.50	<0.50	NA	<0.50	NA	NA	NA	NA	161.13	12.50	148.63	ND
MW-3	12/5/2001	<50	<0.50	<0.50	<0.50	<0.50	NA	<5.0	NA	NA	NA	NA	161.13	10.13	151.00	ND
MW-3	3/1/2002	<50	<0.50	<0.50	<0.50	0.73	NA	<5.0	NA	NA	NA	NA	161.13	11.63	149.50	ND
MW-3	6/6/2002	<50	<0.50	<0.50	<0.50	<0.50	NA	<5.0	NA	NA	NA	NA	161.13	11.55	149.58	ND
MW-3	7/16/2002	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	161.13	11.72	149.41	ND
MW-3	9/6/2002	<50	<0.50	<0.50	<0.50	<0.50	NA	<5.0	NA	NA	NA	NA	161.11	12.24	148.87	ND

**WELL CONCENTRATIONS**  
**Shell-branded Service Station**  
**2120 Montana Street**  
**Oakland, 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)	DIPE (ug/L)	ETBE (ug/L)	TAME (ug/L)	TBA (ug/L)	TOC (MSL)	Depth to Water (ft.)	GW Elevation (MSL)	SPH Thickness (ft.)
MW-3	12/12/2002	<50	<0.50	<0.50	<0.50	<0.50	NA	<5.0	NA	NA	NA	NA	161.11	12.18	148.93	ND
MW-3	3/31/2003	<50	<0.50	<0.50	<0.50	<1.0	NA	0.78	NA	NA	NA	NA	161.11	11.94	149.17	ND
MW-3	6/30/2003	<50	<0.50	<0.50	<0.50	<1.0	NA	<0.50	NA	NA	NA	NA	161.11	12.50	148.61	ND
MW-3	9/9/2003	<50	<0.50	<0.50	<0.50	<1.0	NA	<0.50	NA	NA	NA	NA	161.11	12.55	148.56	ND
MW-3	12/29/2003	<50	<0.50	<0.50	<0.50	<1.0	NA	0.70	NA	NA	NA	NA	161.11	10.90	150.21	ND
MW-3	3/17/2004	<50	<0.50	<0.50	<0.50	<1.0	NA	2.1	NA	NA	NA	NA	161.11	11.63	149.48	ND
MW-3	5/24/2004	<50	<0.50	<0.50	<0.50	1.0	NA	0.96	NA	NA	NA	NA	161.11	11.32	149.79	ND
MW-3	9/17/2004	<50	<0.50	<0.50	<0.50	1.0	NA	2.6	<2.0	<2.0	<2.0	<5.0	161.11	12.13	148.98	ND
MW-3	12/6/2004	<50	<0.50	<0.50	<0.50	<1.0	NA	6.1	NA	NA	NA	NA	161.11	12.28	148.83	ND
MW-3	3/2/2005	<50 f	<0.50	<0.50	<0.50	<1.0	NA	2.4	NA	NA	NA	NA	161.11	10.42	150.69	ND
MW-3	6/10/2005	<50 f	<0.50	<0.50	<0.50	<1.0	NA	1.6	NA	NA	NA	NA	161.11	11.15	149.96	ND
MW-3	9/1/2005	<50	<0.50	<0.50	<0.50	<1.0	NA	0.54	<2.0	<2.0	<2.0	<5.0	161.11	12.55	148.56	ND
MW-3	11/16/2005	<50.0	<0.500	<0.500	<0.500	<0.500	NA	0.570	NA	NA	NA	NA	161.11	12.04	149.07	ND
MW-3 i	3/3/2006	16,000 j	191	107 j	127	997 j	NA	1090 j	NA	NA	NA	NA	161.11	10.36	150.75	ND
MW-3	5/12/2006	<50.0	<0.500	<0.500	<0.500	<0.500	NA	1.45	NA	NA	NA	NA	161.11	12.24	148.87	ND
MW-3	9/5/2006	<50.0	<0.500	<0.500	<0.500	<0.500	NA	1.62	<0.500	<0.500	<0.500	<10.0	161.11	12.52	148.59	ND
MW-3	12/18/2006	<50	<0.50	<0.50	<0.50	<1.0	NA	0.88	NA	NA	NA	NA	161.11	11.00	150.11	ND
MW-3	3/21/2007	<50	<0.50	<0.50	<0.50	<1.0	NA	<1.0	NA	NA	NA	NA	161.11	12.10	149.01	ND
MW-3	6/14/2007	100	<0.50	<1.0	<1.0	<1.0	NA	2.4	NA	NA	NA	NA	161.11	12.08	149.03	ND
MW-3	8/27/2007	<50 l	<0.50	<1.0	<1.0	<1.0	NA	1.3	<2.0	<2.0	<2.0	<10	161.11	12.54	148.57	ND
MW-3	11/29/2007	<50 l	<0.50	<1.0	<1.0	<1.0	NA	0.52 k	NA	NA	NA	NA	161.11	12.09	149.02	ND
MW-3	3/21/2008	<50	<0.50	<1.0	<1.0	<1.0	NA	<1.0	NA	NA	NA	NA	161.11	12.20	148.91	ND
MW-3	5/29/2008	<50	<0.50	<1.0	<1.0	<1.0	NA	<1.0	NA	NA	NA	NA	161.11	12.12	148.99	ND
MW-3	8/29/2008	<50	<0.50	<1.0	<1.0	<1.0	NA	<1.0	<2.0	<2.0	<2.0	<10	161.11	12.49	148.62	ND
<b>MW-3</b>	<b>12/29/2008</b>	<b>&lt;50</b>	<b>&lt;0.50</b>	<b>&lt;1.0</b>	<b>&lt;1.0</b>	<b>&lt;1.0</b>	<b>NA</b>	<b>&lt;1.0</b>	<b>NA</b>	<b>NA</b>	<b>NA</b>	<b>NA</b>	<b>161.11</b>	<b>11.40</b>	<b>149.71</b>	<b>ND</b>
MW-4	7/10/2002	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NM	13.19	NA	ND
MW-4	7/16/2002	800	1.1	1.1	2.6	2.4	NA	450	NA	NA	NA	NA	NM	13.56	NA	ND

**WELL CONCENTRATIONS**  
**Shell-branded Service Station**  
**2120 Montana Street**  
**Oakland, 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)	DIPE (ug/L)	ETBE (ug/L)	TAME (ug/L)	TBA (ug/L)	TOC (MSL)	Depth to Water (ft.)	GW Elevation (MSL)	SPH Thickness (ft.)
MW-4	9/6/2002	1,100	3.0	1.8	8.0	4.6	NA	110	NA	NA	NA	NA	160.09	13.67	146.42	ND
MW-4	12/12/2002	130	<0.50	<0.50	<0.50	<0.50	NA	940	NA	NA	NA	NA	160.09	14.06	146.03	ND
MW-4	3/31/2003	<250	<2.5	<2.5	<2.5	<5.0	NA	500	NA	NA	NA	NA	160.09	13.69	146.40	ND
MW-4	6/30/2003	3,100	5.3	<5.0	7.1	<10	NA	420	NA	NA	NA	NA	160.09	14.12	145.97	ND
MW-4	9/9/2003	1,400	2.4	2.0	2.6	3.2	NA	140	NA	NA	NA	NA	160.09	14.92	145.17	ND
MW-4	12/29/2003	2,700	10	6.2	20	11	NA	420	NA	NA	NA	NA	160.09	12.71	147.38	ND
MW-4	3/17/2004	1,900	6.9	3.0	33	22	NA	290	NA	NA	NA	NA	160.09	13.24	146.85	ND
MW-4	5/24/2004	1,800	<2.5	<2.5	<2.5	11	NA	44	NA	NA	NA	NA	160.09	14.03	146.06	ND
MW-4	9/17/2004	3,300	57	10	47	32	NA	310	<10	<10	<10	700	160.09	13.58	146.51	ND
MW-4	12/6/2004	4,700	9.4	3.8	34	12	NA	150	NA	NA	NA	NA	160.09	14.65	145.44	ND
MW-4	3/2/2005	<1,300	<13	<13	<13	<25	NA	150	NA	NA	NA	NA	160.09	12.67	147.42	ND
MW-4	6/10/2005	2,600	4.1	1.9	25	5.6	NA	61	NA	NA	NA	NA	160.09	13.11	146.98	ND
MW-4	9/1/2005	4,000 g	<13	<13	22	<25	NA	36	<50	<50	<50	<130	160.09	14.00	146.09	ND
MW-4	11/16/2005	4,740	3.23	1.75	12.8	6.06	NA	12.2	NA	NA	NA	NA	160.09	13.87	146.22	ND
MW-4 i	3/3/2006	79,300 j	649 j	37.2	470 j	326	NA	577 j	NA	NA	NA	NA	160.09	12.80	147.29	ND
MW-4	5/12/2006	2,750	8.03	<0.500	<0.500	<0.500	NA	244	NA	NA	NA	NA	160.09	16.26	143.83	ND
MW-4	9/5/2006	2,230	2.04	1.24	<0.500	1.50	NA	95.9	<0.500	<0.500	<0.500	239	160.09	13.92	146.17	ND
MW-4	12/18/2006	1,400	4.3	1.7	7.3	2.8	NA	140	NA	NA	NA	NA	160.09	12.71	147.38	ND
MW-4	3/21/2007	540	0.68	0.51	4.0	<1.0	NA	140	NA	NA	NA	NA	160.09	13.35	146.74	ND
MW-4	6/14/2007	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	160.09	19.02	141.07	ND
MW-4	8/27/2007	880 l,m	0.38 k	<1.0	<1.0	<1.0	NA	8.5	<2.0	<2.0	<2.0	98	160.09	13.92	146.17	ND
MW-4	11/29/2007	3,200 l	1.9	1.2	1.9	2.55 k	NA	<1.0	NA	NA	NA	NA	160.09	13.50	146.59	ND
MW-4	3/21/2008	350	<0.50	<1.0	<1.0	<1.0	NA	8.2	NA	NA	NA	NA	160.09	13.45	146.64	ND
MW-4	5/29/2008	1,800	1.6	<1.0	1.8	1.5	NA	13	NA	NA	NA	NA	160.09	13.73	146.36	ND
MW-4	8/29/2008	1,300	1.5	<1.0	1.2	1.3	NA	13	<2.0	<2.0	<2.0	54	160.09	14.08	146.01	ND
<b>MW-4</b>	<b>12/29/2008</b>	<b>1,700</b>	<b>1.8</b>	<b>1.4</b>	<b>2.3</b>	<b>1.6</b>	<b>NA</b>	<b>8.9</b>	<b>NA</b>	<b>NA</b>	<b>NA</b>	<b>NA</b>	<b>160.09</b>	<b>13.13</b>	<b>146.96</b>	<b>ND</b>
MW-5	7/10/2002	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NM	12.22	NA	ND

**WELL CONCENTRATIONS**  
**Shell-branded Service Station**  
**2120 Montana Street**  
**Oakland, 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)	DIPE (ug/L)	ETBE (ug/L)	TAME (ug/L)	TBA (ug/L)	TOC (MSL)	Depth to Water (ft.)	GW Elevation (MSL)	SPH Thickness (ft.)
MW-5	7/16/2002	6,100	65	7.2	100	130	NA	410	NA	NA	NA	NA	NM	12.50	NA	ND
MW-5	9/6/2002	5,900	100	8.1	41	32	NA	230	NA	NA	NA	NA	158.25	12.77	145.48	ND
MW-5	12/12/2002	4,900	70	5.7	25	17	NA	280	NA	NA	NA	NA	158.25	12.71	145.54	ND
MW-5	3/31/2003	6,400	61	4.9	23	13	NA	330	NA	NA	NA	NA	158.25	11.93	146.32	ND
MW-5	6/30/2003	3,400	18	<2.5	17	5.5	NA	47	NA	NA	NA	NA	158.25	11.97	146.28	ND
MW-5	9/9/2003	6,800	46	23	39	42	NA	67	NA	NA	NA	NA	158.25	12.44	145.81	ND
MW-5	12/29/2003	8,400	44	6.2	36	16	NA	60	NA	NA	NA	NA	158.25	11.38	146.87	ND
MW-5	3/17/2004	7,100	120	22	42	27	NA	300	NA	NA	NA	NA	158.25	11.68	146.57	ND
MW-5	5/24/2004	6,100	72	17	34	23	NA	110	NA	NA	NA	NA	158.25	12.30	145.95	ND
MW-5	9/17/2004	5,700	27	5.3	35	<10	NA	28	<20	<20	<20	<50	158.25	12.15	146.10	ND
MW-5	12/6/2004	4,500	11	<5.0	22	<10	NA	7.5	NA	NA	NA	NA	158.25	12.85	145.40	ND
MW-5	3/2/2005	6,500	14	<2.5	18	<5.0	NA	6.0	NA	NA	NA	NA	158.25	10.83	147.42	ND
MW-5	6/10/2005	5,300	19	2.4	17	4.3	NA	7.2	NA	NA	NA	NA	158.25	12.00	146.25	ND
MW-5	9/1/2005	1,900 g	5.3	<2.5	6.9	<5.0	NA	<2.5	<10	<10	<10	<25	158.25	12.30	145.95	ND
MW-5	11/16/2005	3,590	4.66	0.580	7.69	1.45	NA	1.13	NA	NA	NA	NA	158.25	12.58	145.67	ND
MW-5	3/3/2006	5,760	7.08	0.960	8.46	2.18	NA	2.65	NA	NA	NA	NA	158.25	11.15	147.10	ND
MW-5	5/12/2006	1,960	3.66	<0.500	1.03	<0.500	NA	1.45	NA	NA	NA	NA	158.25	12.55	145.70	ND
MW-5	9/5/2006	3,730	4.23	0.780	3.19	0.790	NA	1.77	<0.500	<0.500	<0.500	32.9	158.25	12.70	145.55	ND
MW-5	12/18/2006	1,600	5.1	0.66	6.0	3.3	NA	<0.50	NA	NA	NA	NA	158.25	11.40	146.85	ND
MW-5	3/21/2007	210	1.7	<0.50	<0.50	<1.0	NA	<1.0	NA	NA	NA	NA	158.25	12.17	146.08	ND
MW-5	6/14/2007	2,300	1.5	<1.0	0.43 k	<1.0	NA	<1.0	NA	NA	NA	NA	158.25	13.50	144.75	ND
MW-5	8/27/2007	2,500 l,m	3.2	0.41 k	2.8	2.48 k	NA	<1.0	<2.0	<2.0	<2.0	6.8 k	158.25	12.55	145.70	ND
MW-5	11/29/2007	2,300 l	7.8	0.45 k	0.75 k	0.60 k	NA	<1.0	NA	NA	NA	NA	158.25	11.97	146.28	ND
MW-5	3/21/2008	1,400	24	5.5	1.8	2.2	NA	6.6	NA	NA	NA	NA	158.25	11.70	146.55	ND
MW-5	5/29/2008	1,400	33	2.9	<1.0	3.2	NA	6.9	NA	NA	NA	NA	158.25	12.27	145.98	ND
MW-5	8/29/2008	960	14	<1.0	<1.0	1.4	NA	4.3	<2.0	<2.0	<2.0	<10	158.25	12.46	145.79	ND
<b>MW-5</b>	<b>12/29/2008</b>	<b>1,200</b>	<b>12</b>	<b>&lt;1.0</b>	<b>&lt;1.0</b>	<b>&lt;1.0</b>	<b>NA</b>	<b>&lt;1.0</b>	<b>NA</b>	<b>NA</b>	<b>NA</b>	<b>NA</b>	<b>158.25</b>	<b>11.80</b>	<b>146.45</b>	<b>ND</b>

**WELL CONCENTRATIONS**  
**Shell-branded Service Station**  
**2120 Montana Street**  
**Oakland, 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)	DIPE (ug/L)	ETBE (ug/L)	TAME (ug/L)	TBA (ug/L)	TOC (MSL)	Depth to Water (ft.)	GW Elevation (MSL)	SPH Thickness (ft.)
TBW-N	09/25/2001 c	120,000	3,200	2,800	4,000	18,000	NA	31,000	NA	NA	NA	NA	NM	12.25	NM	ND
TBW-N	11/20/2001	72,000	2,200	3,600	2,600	14,000	NA	35,000	NA	NA	NA	NA	NM	12.13	NM	ND
TBW-N	12/5/2001	76,000	1,600	3,200	2,900	15,000	NA	30,000	NA	NA	NA	NA	NM	11.51	NM	ND
TBW-N	3/1/2002	91,000	1,200	4,200	2,800	14,000	NA	29,000	NA	NA	NA	NA	NM	11.88	NM	ND
TBW-N	6/6/2002	100,000	2,100	8,200	3,400	17,000	NA	18,000	NA	NA	NA	NA	NM	12.48	NM	ND
TBW-N	7/16/2002	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NM	12.39	NM	ND
TBW-N	9/6/2002	69,000	870	4,800	2,300	11,000	NA	17,000	NA	NA	NA	NA	161.26	12.36	148.90	ND
TBW-N	12/12/2002	Well inaccessible		NA	NA	NA	NA	NA	NA	NA	NA	NA	161.26	NA	NA	NA
TBW-N	12/19/2002	110,000	1,900	13,000	3,100	18,000	NA	19,000	NA	NA	NA	NA	161.26	10.82	150.44	ND
TBW-N	3/31/2003	62,000	1,600	6,500	2,200	11,000	NA	11,000	NA	NA	NA	NA	161.26	10.63	150.63	ND
TBW-N	6/30/2003	260,000	7,700	<120	5,800	40,000	NA	8,400	NA	NA	NA	NA	161.26	11.51	149.75	ND
TBW-N	9/9/2003	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	159.92	11.37	148.64	0.11
TBW-N	12/29/2003	130,000	840	8,200	2,400	18,000	NA	5,400	NA	NA	NA	NA	159.92	10.40	149.52	ND
TBW-N	3/17/2004	32,000	440	1,500	580	4,500	NA	3,700	NA	NA	NA	NA	159.92	10.49	149.44	0.01
TBW-N	5/24/2004	110,000	380	2,600	1,600	11,000	NA	3,100	NA	NA	NA	NA	159.92	10.72	149.20	ND
TBW-N	9/17/2004	25,000	120	490	570	3,900	NA	490	<200	<200	<200	4,500	159.92	10.80	149.12	ND
TBW-N	12/6/2004	15,000	33	11	410	1,500	NA	200	NA	NA	NA	NA	159.92	11.00	148.92	ND
TBW-N	3/2/2005	7,900	15	<10	120	610	NA	460	NA	NA	NA	NA	159.92	10.58	149.34	ND
TBW-N	6/10/2005	1,200	<5.0	<5.0	13	25	NA	93	NA	NA	NA	NA	159.92	10.68	149.24	ND
TBW-N	9/1/2005	3,500 g	<10	<10	86	330	NA	47	<40	<40	<40	1,700	159.92	11.05	148.87	ND
TBW-N	11/16/2005	8,830	1.53	1.59	86.6	404	NA	35.0	NA	NA	NA	NA	159.92	10.95	148.97	ND
TBW-N	3/3/2006	955	<0.500	<0.500	1.25	<0.500	NA	70.4	NA	NA	NA	4,930	159.92	10.31	149.61	ND
TBW-N	5/12/2006	706	<0.500	<0.500	5.81	<0.500	NA	14.5	NA	NA	NA	488	159.92	10.73	149.19	ND
TBW-N	9/5/2006	1,230	<0.500	<0.500	6.05	2.68	NA	15.3	<0.500	<0.500	<0.500	265	159.92	11.46	148.46	ND
TBW-N	12/18/2006	290	0.68	<0.50	<0.50	<1.0	NA	37	NA	NA	NA	3,400	159.92	10.12	149.80	ND
TBW-N	3/21/2007	300	<0.50	<0.50	<0.50	<1.0	NA	15	NA	NA	NA	820	159.92	10.67	149.25	ND
TBW-N	6/14/2007	530	<0.50	<1.0	<1.0	<1.0	NA	7.7	NA	NA	NA	240	159.92	11.22	148.70	ND
TBW-N	8/27/2007	100 l	0.52	<1.0	<1.0	<1.0	NA	18	<2.0	<2.0	<2.0	40	159.92	11.44	148.48	ND

**WELL CONCENTRATIONS**  
**Shell-branded Service Station**  
**2120 Montana Street**  
**Oakland, 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)	DIPE (ug/L)	ETBE (ug/L)	TAME (ug/L)	TBA (ug/L)	TOC (MSL)	Depth to Water (ft.)	GW Elevation (MSL)	SPH Thickness (ft.)
---------	------	----------------	-------------	-------------	-------------	-------------	------------------------	------------------------	----------------	----------------	----------------	---------------	--------------	----------------------------	--------------------------	---------------------------

TBW-N	11/29/2007	130 l	0.19 k	<1.0	<1.0	<1.0	NA	7.8	NA	NA	NA	490	159.92	10.58	149.34	ND
TBW-N	3/21/2008	56	<0.50	<1.0	<1.0	<1.0	NA	9.3	NA	NA	NA	300	159.92	10.50	149.42	ND
TBW-N	5/29/2008	<50	<0.50	<1.0	<1.0	<1.0	NA	4.1	NA	NA	NA	140	159.92	10.66	149.26	ND
TBW-N	8/29/2008	54	<0.50	<1.0	<1.0	<1.0	NA	4.3	<2.0	<2.0	<2.0	89	159.92	10.88	149.04	ND
<b>TBW-N</b>	<b>12/29/2008</b>	<b>93</b>	<b>&lt;0.50</b>	<b>&lt;1.0</b>	<b>&lt;1.0</b>	<b>&lt;1.0</b>	<b>NA</b>	<b>4.4</b>	<b>NA</b>	<b>NA</b>	<b>NA</b>	<b>740</b>	<b>159.92</b>	<b>10.17</b>	<b>149.75</b>	<b>ND</b>

EW-1	5/5/2006	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	15.42	NA	ND
EW-1	5/12/2006	5,550	52.9	30.2	86.9	249	NA	939	<0.500	<0.500	<0.500	3,900	NA	17.33	NA	ND
EW-1	9/5/2006	2,700	28.3	1.64	11.8	7.98	NA	325	<0.500	<0.500	<0.500	1,900	158.63	12.44	146.19	ND
EW-1	12/18/2006	4,900	140	63	170	790	NA	640	NA	NA	NA	NA	158.63	11.00	147.63	ND
EW-1	3/21/2007	1,000	32	<2.5	14	48	NA	420	NA	NA	NA	NA	158.63	14.61	144.02	ND
EW-1	6/14/2007	2,100	14	1.1	5.0	9.3	NA	46	NA	NA	NA	NA	158.63	21.00	137.63	ND
EW-1	8/27/2007	97 l	<0.50	<1.0	<1.0	0.19 k	NA	3.6	<2.0	<2.0	<2.0	32	158.63	12.80	145.83	ND
EW-1	11/29/2007	7,600 l	110	36	190	1,390	NA	470	NA	NA	NA	NA	158.63	11.87	146.76	ND
EW-1	3/21/2008	7,300	160	14	400	630	NA	640	NA	NA	NA	NA	158.63	12.10	146.53	ND
EW-1	5/29/2008	3,600	93	6.0	190	124	NA	340	NA	NA	NA	NA	158.63	12.09	146.54	ND
EW-1	8/29/2008	1,100	15	1.5	78	36	NA	48	<2.0	<2.0	<2.0	190	158.63	12.65	145.98	ND
<b>EW-1</b>	<b>12/29/2008</b>	<b>3,200</b>	<b>48</b>	<b>4.2</b>	<b>100</b>	<b>240</b>	<b>NA</b>	<b>180</b>	<b>NA</b>	<b>NA</b>	<b>NA</b>	<b>NA</b>	<b>158.63</b>	<b>11.45</b>	<b>147.18</b>	<b>ND</b>

EW-2	5/5/2006	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	16.83	NA	ND
EW-2	5/12/2006	11,400	377	135	335	313	NA	401	<0.500	<0.500	<0.500	1,220	NA	15.91	NA	ND
EW-2	9/5/2006	1,810	41.1	4.52	17.2	74.0	NA	87.8	<0.500	<0.500	<0.500	606	157.51	11.21	146.30	ND
EW-2	12/18/2006	3,200	75	33	90	470	NA	130	NA	NA	NA	NA	157.51	9.93	147.58	ND
EW-2	3/21/2007	61	<0.50	<0.50	<0.50	1.5	NA	18	NA	NA	NA	NA	157.51	10.55	146.96	ND
EW-2	6/14/2007	570	3.8	<1.0	<1.0	<1.0	NA	10	NA	NA	NA	NA	157.51	12.82	144.69	ND
EW-2	8/27/2007	320 l	2.6	0.36 k	1.4	6.31 k	NA	10	<2.0	<2.0	<2.0	230	157.51	10.34	147.17	ND
EW-2	11/29/2007	72 l	0.83	0.53 k	0.49 k	1.41 k	NA	12	NA	NA	NA	NA	157.51	10.80	146.71	ND
EW-2	3/21/2008	250	3.5	<1.0	2.7	15.3	NA	62	NA	NA	NA	NA	157.51	10.80	146.71	ND

**WELL CONCENTRATIONS**  
**Shell-branded Service Station**  
**2120 Montana Street**  
**Oakland, 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)	DIPE (ug/L)	ETBE (ug/L)	TAME (ug/L)	TBA (ug/L)	TOC (MSL)	Depth to Water (ft.)	GW Elevation (MSL)	SPH Thickness (ft.)
EW-2	5/29/2008	280	8.7	1.5	7.8	29.3	NA	46	NA	NA	NA	NA	157.51	10.86	146.65	ND
EW-2	8/29/2008	<50	<0.50	<1.0	<1.0	<1.0	NA	<1.0	<2.0	<2.0	<2.0	<10	157.51	9.81	147.70	ND
<b>EW-2</b>	<b>12/29/2008</b>	<b>760</b>	<b>21</b>	<b>1.4</b>	<b>17</b>	<b>64</b>	<b>NA</b>	<b>37</b>	<b>NA</b>	<b>NA</b>	<b>NA</b>	<b>NA</b>	<b>157.51</b>	<b>10.37</b>	<b>147.14</b>	<b>ND</b>

Abbreviations:

TPPH = Total petroleum hydrocarbons as gasoline by EPA Method 8260B; prior to May 31, 2001, analyzed by EPA Method 8015.

BTEX = Benzene, toluene, ethylbenzene, xylenes by EPA Method 8260B; prior to May 31, 2001, analyzed by EPA Method 8020.

MTBE = Methyl tertiary butyl ether

DIPE = Di-isopropyl ether, analyzed by EPA Method 8260B

ETBE = Ethyl tertiary butyl ether, analyzed by EPA Method 8260B

TAME = Tertiary amyl methyl ether, analyzed by EPA Method 8260B

TBA = Tertiary butyl alcohol, analyzed by EPA Method 8260B

TOC = Top of Casing Elevation

GW = Groundwater

TBW-N = tank backfill well-North

NA = Not analyzed

ND = Not detected

NM = Not measured

ug/L = parts per billion

MSL = Mean sea level

ft. = Feet

<n = Below detection limit

**WELL CONCENTRATIONS**  
**Shell-branded Service Station**  
**2120 Montana Street**  
**Oakland, 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)	DIPE (ug/L)	ETBE (ug/L)	TAME (ug/L)	TBA (ug/L)	TOC (MSL)	Depth to Water (ft.)	GW Elevation (MSL)	SPH Thickness (ft.)
---------	------	----------------	-------------	-------------	-------------	-------------	------------------------	------------------------	----------------	----------------	----------------	---------------	--------------	----------------------------	--------------------------	---------------------------

Notes:

a = Resampled on June 27, 2001 due to possible mislabeling.

b = Separate phase hydrocarbons encountered during purge; groundwater elevation may not be accurate.

c = Sample TBW-N was analyzed once within hold time, but the analyte concentrations all exceeded the instrument working ranges. The sample was diluted and re-analyzed out of hold time. The diluted analysis is reported because it more accurately reflects the concentrations present.

d = These results are listed as MW-3 on analytical report due to possible mislabeling in field or laboratory. Resampled on June 27, 2001, to confirm mislabeling.

e = These results are listed as MW-1 on analytical report due to possible mislabeling in field or laboratory. Resampled on June 27, 2001, to confirm mislabeling.

f = The concentration reported reflect(s) individual or discrete unidentified peaks not matching a typical fuel pattern.

g = Quantity of unknown hydrocarbon(s) in sample based on gasoline.

h = Concentration estimated. Analyte exceeded calibration range. Reanalysis not performed due to holding time requirements.

i = Several of the results were above the instrument calibration range and should be considered estimated values. The results from the different VOA vials were not consistent; therefore the highest results were reported.

j = Concentration exceeds the calibration range and therefore result is semi-quantitative.

k = Analyte was detected at a concentration below the reporting limit and above the laboratory method detection limit. Reported value is estimated.

l = Analyzed by EPA Method 8015B (M).

m = The sample chromatographic pattern for TPH does not match the chromatographic pattern of the specified standard. Quantitation of the unknown hydrocarbon(s) in the sample was based on Survey data provided by Cambria Environmental Technology, May 2001.

Site surveyed February 12, 2002 and June 26, 2002 by Virgil Chavez Land Surveying of Vallejo, CA.

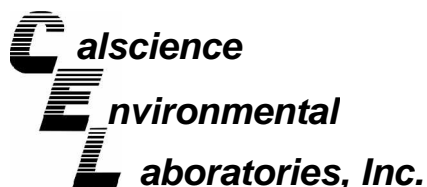
Wells MW-1 and TBW-N surveyed September 23, 2003 by Virgil Chavez Land Surveying of Vallejo, CA.

When separate phase hydrocarbons are present, ground water elevation is adjusted using the relation:

Corrected groundwater elevation = Top-of-casing elevation - Depth to water + (0.8 x Hydrocarbon thickness).

Wells EW-1 and EW-2 surveyed July 7, 2006 by Virgil Chavez Land Surveying of Vallejo, CA.





January 15, 2009

Michael Ninokata  
Blaine Tech Services, Inc.  
1680 Rogers Avenue  
San Jose, CA 95112-1105

Subject: **CalScience Work Order No.: 09-01-0141**  
**Client Reference: 2120 Montana St., Oakland, CA**

Dear Client:

Enclosed is an analytical report for the above-referenced project. The samples included in this report were received 1/6/2009 and analyzed in accordance with the attached chain-of-custody.

Unless otherwise noted, all analytical testing was accomplished in accordance with the guidelines established in our Quality Systems Manual, applicable standard operating procedures, and other related documentation. The original report of subcontracted analysis, if any, is provided herein, and follows the standard CalScience data package. The results in this analytical report are limited to the samples tested and any reproduction thereof must be made in its entirety.

If you have any questions regarding this report, please do not hesitate to contact the undersigned.

Sincerely,

A handwritten signature in black ink that reads "Philip Samelle for".

CalScience Environmental  
Laboratories, Inc.  
Jessie Kim  
Project Manager

**Analytical Report**



Blaine Tech Services, Inc.  
 1680 Rogers Avenue  
 San Jose, CA 95112-1105

Date Received: 01/06/09  
 Work Order No: 09-01-0141  
 Preparation: EPA 5030B  
 Method: LUFT GC/MS / EPA 8260B  
 Units: ug/L

Project: 2120 Montana St., Oakland, CA

Page 1 of 3

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
<b>MW-3</b>	<b>09-01-0141-3-A</b>	<b>12/29/08 11:15</b>	<b>Aqueous</b>	<b>GC/MS R</b>	<b>01/08/09</b>	<b>01/08/09 14:56</b>	<b>090108L01</b>

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Benzene	ND	0.50	1		Xylenes (total)	ND	1.0	1	
Ethylbenzene	ND	1.0	1		Methyl-t-Butyl Ether (MTBE)	ND	1.0	1	
Toluene	ND	1.0	1		TPPH	ND	50	1	
<u>Surrogates:</u>	<u>REC (%)</u>	<u>Control Limits</u>		<u>Qual</u>	<u>Surrogates:</u>	<u>REC (%)</u>	<u>Control Limits</u>		<u>Qual</u>
Dibromofluoromethane	98	74-140			1,2-Dichloroethane-d4	93	74-146		
Toluene-d8	98	88-112			Toluene-d8-TPPH	98	88-112		
1,4-Bromofluorobenzene	91	74-110							

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
<b>MW-4</b>	<b>09-01-0141-4-C</b>	<b>12/29/08 13:05</b>	<b>Aqueous</b>	<b>GC/MS R</b>	<b>01/09/09</b>	<b>01/09/09 17:09</b>	<b>090109L01</b>

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Benzene	1.8	0.50	1		Xylenes (total)	1.6	1.0	1	
Ethylbenzene	2.3	1.0	1		Methyl-t-Butyl Ether (MTBE)	8.9	1.0	1	
Toluene	1.4	1.0	1		TPPH	1700	50	1	
<u>Surrogates:</u>	<u>REC (%)</u>	<u>Control Limits</u>		<u>Qual</u>	<u>Surrogates:</u>	<u>REC (%)</u>	<u>Control Limits</u>		<u>Qual</u>
Dibromofluoromethane	95	74-140			1,2-Dichloroethane-d4	90	74-146		
Toluene-d8	100	88-112			Toluene-d8-TPPH	100	88-112		
1,4-Bromofluorobenzene	93	74-110							

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
<b>MW-5</b>	<b>09-01-0141-5-A</b>	<b>12/29/08 10:10</b>	<b>Aqueous</b>	<b>GC/MS R</b>	<b>01/08/09</b>	<b>01/08/09 18:48</b>	<b>090108L01</b>

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Benzene	12	0.50	1		Xylenes (total)	ND	1.0	1	
Ethylbenzene	ND	1.0	1		Methyl-t-Butyl Ether (MTBE)	ND	1.0	1	
Toluene	ND	1.0	1		TPPH	1200	50	1	
<u>Surrogates:</u>	<u>REC (%)</u>	<u>Control Limits</u>		<u>Qual</u>	<u>Surrogates:</u>	<u>REC (%)</u>	<u>Control Limits</u>		<u>Qual</u>
Dibromofluoromethane	90	74-140			1,2-Dichloroethane-d4	78	74-146		
Toluene-d8	101	88-112			Toluene-d8-TPPH	102	88-112		
1,4-Bromofluorobenzene	97	74-110							

RL - Reporting Limit , DF - Dilution Factor , Qual - Qualifiers

**Analytical Report**



Blaine Tech Services, Inc.  
 1680 Rogers Avenue  
 San Jose, CA 95112-1105

Date Received: 01/06/09  
 Work Order No: 09-01-0141  
 Preparation: EPA 5030B  
 Method: LUFT GC/MS / EPA 8260B  
 Units: ug/L

Project: 2120 Montana St., Oakland, CA

Page 2 of 3

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
EW-1	09-01-0141-7-A	12/29/08 13:35	Aqueous	GC/MS R	01/08/09	01/08/09 19:17	090108L01

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Benzene	48	0.50	1		Xylenes (total)	240	1.0	1	
Ethylbenzene	100	1.0	1		Methyl-t-Butyl Ether (MTBE)	180	1.0	1	
Toluene	4.2	1.0	1		TPPH	3200	50	1	
<u>Surrogates:</u>	<u>REC (%)</u>	<u>Control Limits</u>		<u>Qual</u>	<u>Surrogates:</u>	<u>REC (%)</u>	<u>Control Limits</u>		<u>Qual</u>
Dibromofluoromethane	90	74-140			1,2-Dichloroethane-d4	79	74-146		
Toluene-d8	98	88-112			Toluene-d8-TPPH	99	88-112		
1,4-Bromofluorobenzene	95	74-110							

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
EW-2	09-01-0141-8-A	12/29/08 11:35	Aqueous	GC/MS R	01/08/09	01/08/09 19:46	090108L01

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Benzene	21	0.50	1		Xylenes (total)	64	1.0	1	
Ethylbenzene	17	1.0	1		Methyl-t-Butyl Ether (MTBE)	37	1.0	1	
Toluene	1.4	1.0	1		TPPH	760	50	1	
<u>Surrogates:</u>	<u>REC (%)</u>	<u>Control Limits</u>		<u>Qual</u>	<u>Surrogates:</u>	<u>REC (%)</u>	<u>Control Limits</u>		<u>Qual</u>
Dibromofluoromethane	88	74-140			1,2-Dichloroethane-d4	77	74-146		
Toluene-d8	99	88-112			Toluene-d8-TPPH	99	88-112		
1,4-Bromofluorobenzene	92	74-110							

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
Method Blank	099-12-767-780	N/A	Aqueous	GC/MS R	01/08/09	01/08/09 14:27	090108L01

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Benzene	ND	0.50	1		Xylenes (total)	ND	1.0	1	
Ethylbenzene	ND	1.0	1		Methyl-t-Butyl Ether (MTBE)	ND	1.0	1	
Toluene	ND	1.0	1		TPPH	ND	50	1	
<u>Surrogates:</u>	<u>REC (%)</u>	<u>Control Limits</u>		<u>Qual</u>	<u>Surrogates:</u>	<u>REC (%)</u>	<u>Control Limits</u>		<u>Qual</u>
Dibromofluoromethane	96	74-140			1,2-Dichloroethane-d4	93	74-146		
Toluene-d8	97	88-112			Toluene-d8-TPPH	97	88-112		
1,4-Bromofluorobenzene	92	74-110							

RL - Reporting Limit , DF - Dilution Factor , Qual - Qualifiers

**Analytical Report**



Blaine Tech Services, Inc.  
 1680 Rogers Avenue  
 San Jose, CA 95112-1105

Date Received: 01/06/09  
 Work Order No: 09-01-0141  
 Preparation: EPA 5030B  
 Method: LUFT GC/MS / EPA 8260B  
 Units: ug/L

Project: 2120 Montana St., Oakland, CA

Page 3 of 3

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
Method Blank	099-12-767-790	N/A	Aqueous	GC/MS R	01/09/09	01/09/09 14:15	090109L01

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Benzene	ND	0.50	1		Xylenes (total)	ND	1.0	1	
Ethylbenzene	ND	1.0	1		Methyl-t-Butyl Ether (MTBE)	ND	1.0	1	
Toluene	ND	1.0	1		TPPH	ND	50	1	
<u>Surrogates:</u>	<u>REC (%)</u>	<u>Control Limits</u>		<u>Qual</u>	<u>Surrogates:</u>	<u>REC (%)</u>	<u>Control Limits</u>		<u>Qual</u>
Dibromofluoromethane	95	74-140			1,2-Dichloroethane-d4	89	74-146		
Toluene-d8	96	88-112			Toluene-d8-TPPH	96	88-112		
1,4-Bromofluorobenzene	88	74-110							

RL - Reporting Limit , DF - Dilution Factor , Qual - Qualifiers

**Analytical Report**



Blaine Tech Services, Inc.  
 1680 Rogers Avenue  
 San Jose, CA 95112-1105

Date Received: 01/06/09  
 Work Order No: 09-01-0141  
 Preparation: EPA 5030B  
 Method: LUFT GC/MS / EPA 8260B  
 Units: ug/L

Project: 2120 Montana St., Oakland, CA

Page 1 of 2

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
<b>MW-1</b>	<b>09-01-0141-1-A</b>	<b>12/29/08 12:30</b>	<b>Aqueous</b>	<b>GC/MS R</b>	<b>01/07/09</b>	<b>01/08/09 08:30</b>	<b>090107L02</b>

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Benzene	30	2.5	5		Methyl-t-Butyl Ether (MTBE)	460	5.0	5	
Ethylbenzene	28	5.0	5		Tert-Butyl Alcohol (TBA)	3300	50	5	
Toluene	ND	5.0	5		TPPH	2700	250	5	
Xylenes (total)	45	5.0	5						
<u>Surrogates:</u>	<u>REC (%)</u>	<u>Control Limits</u>		<u>Qual</u>	<u>Surrogates:</u>	<u>REC (%)</u>	<u>Control Limits</u>		<u>Qual</u>
Dibromofluoromethane	102	74-140			1,2-Dichloroethane-d4	101	74-146		
Toluene-d8	99	88-112			Toluene-d8-TPPH	99	88-112		
1,4-Bromofluorobenzene	94	74-110							

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
<b>MW-2</b>	<b>09-01-0141-2-C</b>	<b>12/29/08 10:45</b>	<b>Aqueous</b>	<b>GC/MS R</b>	<b>01/10/09</b>	<b>01/10/09 15:50</b>	<b>090110L01</b>

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Benzene	110	5.0	10		Methyl-t-Butyl Ether (MTBE)	58	10	10	
Ethylbenzene	15	10	10		Tert-Butyl Alcohol (TBA)	890	100	10	
Toluene	ND	10	10		TPPH	33000	500	10	
Xylenes (total)	ND	10	10						
<u>Surrogates:</u>	<u>REC (%)</u>	<u>Control Limits</u>		<u>Qual</u>	<u>Surrogates:</u>	<u>REC (%)</u>	<u>Control Limits</u>		<u>Qual</u>
Dibromofluoromethane	99	74-140			1,2-Dichloroethane-d4	91	74-146		
Toluene-d8	103	88-112			Toluene-d8-TPPH	103	88-112		
1,4-Bromofluorobenzene	95	74-110							

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
<b>TBW-N</b>	<b>09-01-0141-6-A</b>	<b>12/29/08 12:20</b>	<b>Aqueous</b>	<b>GC/MS R</b>	<b>01/07/09</b>	<b>01/08/09 09:27</b>	<b>090107L02</b>

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Benzene	ND	0.50	1		Methyl-t-Butyl Ether (MTBE)	4.4	1.0	1	
Ethylbenzene	ND	1.0	1		Tert-Butyl Alcohol (TBA)	740	10	1	
Toluene	ND	1.0	1		TPPH	93	50	1	
Xylenes (total)	ND	1.0	1						
<u>Surrogates:</u>	<u>REC (%)</u>	<u>Control Limits</u>		<u>Qual</u>	<u>Surrogates:</u>	<u>REC (%)</u>	<u>Control Limits</u>		<u>Qual</u>
Dibromofluoromethane	96	74-140			1,2-Dichloroethane-d4	95	74-146		
Toluene-d8	99	88-112			Toluene-d8-TPPH	99	88-112		
1,4-Bromofluorobenzene	89	74-110							

RL - Reporting Limit , DF - Dilution Factor , Qual - Qualifiers

**Analytical Report**



Blaine Tech Services, Inc.  
 1680 Rogers Avenue  
 San Jose, CA 95112-1105

Date Received: 01/06/09  
 Work Order No: 09-01-0141  
 Preparation: EPA 5030B  
 Method: LUFT GC/MS / EPA 8260B  
 Units: ug/L

Project: 2120 Montana St., Oakland, CA

Page 2 of 2

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
<b>Method Blank</b>	<b>099-12-767-779</b>	<b>N/A</b>	<b>Aqueous</b>	<b>GC/MS R</b>	<b>01/07/09</b>	<b>01/08/09 02:44</b>	<b>090107L02</b>

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Benzene	ND	0.50	1		Methyl-t-Butyl Ether (MTBE)	ND	1.0	1	
Ethylbenzene	ND	1.0	1		Tert-Butyl Alcohol (TBA)	ND	10	1	
Toluene	ND	1.0	1		TPPH	ND	50	1	
Xylenes (total)	ND	1.0	1						
<u>Surrogates:</u>	<u>REC (%)</u>	<u>Control Limits</u>		<u>Qual</u>	<u>Surrogates:</u>	<u>REC (%)</u>	<u>Control Limits</u>		<u>Qual</u>
Dibromofluoromethane	96	74-140			1,2-Dichloroethane-d4	92	74-146		
Toluene-d8	98	88-112			Toluene-d8-TPPH	99	88-112		
1,4-Bromofluorobenzene	89	74-110							

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
<b>Method Blank</b>	<b>099-12-767-810</b>	<b>N/A</b>	<b>Aqueous</b>	<b>GC/MS R</b>	<b>01/10/09</b>	<b>01/10/09 13:25</b>	<b>090110L01</b>

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Benzene	ND	0.50	1		Methyl-t-Butyl Ether (MTBE)	ND	1.0	1	
Ethylbenzene	ND	1.0	1		Tert-Butyl Alcohol (TBA)	ND	10	1	
Toluene	ND	1.0	1		TPPH	ND	50	1	
Xylenes (total)	ND	1.0	1						
<u>Surrogates:</u>	<u>REC (%)</u>	<u>Control Limits</u>		<u>Qual</u>	<u>Surrogates:</u>	<u>REC (%)</u>	<u>Control Limits</u>		<u>Qual</u>
Dibromofluoromethane	98	74-140			1,2-Dichloroethane-d4	92	74-146		
Toluene-d8	97	88-112			Toluene-d8-TPPH	98	88-112		
1,4-Bromofluorobenzene	90	74-110							

RL - Reporting Limit , DF - Dilution Factor , Qual - Qualifiers



## Quality Control - Spike/Spike Duplicate



Blaine Tech Services, Inc.  
1680 Rogers Avenue  
San Jose, CA 95112-1105

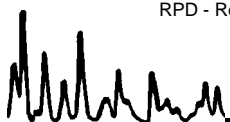
Date Received: 01/06/09  
Work Order No: 09-01-0141  
Preparation: EPA 5030B  
Method: LUFT GC/MS / EPA  
8260B

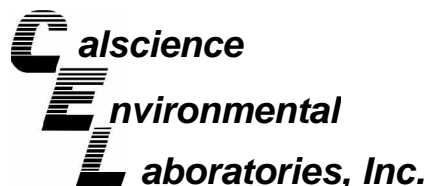
Project 2120 Montana St., Oakland, CA

Quality Control Sample ID	Matrix	Instrument	Date Prepared	Date Analyzed	MS/MSD Batch Number
MW-3	Aqueous	GC/MS R	01/08/09	01/08/09	090108S01

Parameter	MS %REC	MSD %REC	%REC CL	RPD	RPD CL	Qualifiers
Benzene	88	90	88-118	2	0-7	
Carbon Tetrachloride	84	86	67-145	3	0-11	
Chlorobenzene	88	91	88-118	3	0-7	
1,2-Dibromoethane	92	94	70-130	2	0-30	
1,2-Dichlorobenzene	89	93	86-116	5	0-8	
1,1-Dichloroethene	82	83	70-130	1	0-25	
Ethylbenzene	92	93	70-130	1	0-30	
Toluene	90	91	87-123	2	0-8	
Trichloroethene	88	88	79-127	0	0-10	
Vinyl Chloride	80	78	69-129	2	0-13	
Methyl-t-Butyl Ether (MTBE)	88	82	71-131	7	0-13	
Tert-Butyl Alcohol (TBA)	72	79	36-168	10	0-45	
Diisopropyl Ether (DIPE)	88	91	81-123	4	0-9	
Ethyl-t-Butyl Ether (ETBE)	90	92	72-126	3	0-12	
Tert-Amyl-Methyl Ether (TAME)	90	92	72-126	2	0-12	
Ethanol	74	76	53-149	2	0-31	

RPD - Relative Percent Difference , CL - Control Limit





## Quality Control - Spike/Spike Duplicate



Blaine Tech Services, Inc.  
1680 Rogers Avenue  
San Jose, CA 95112-1105

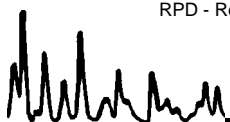
Date Received: 01/06/09  
Work Order No: 09-01-0141  
Preparation: EPA 5030B  
Method: LUFT GC/MS / EPA  
8260B

Project 2120 Montana St., Oakland, CA

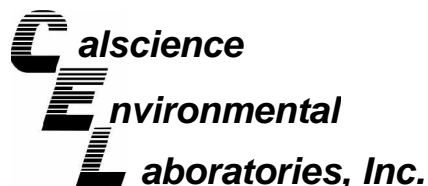
Quality Control Sample ID	Matrix	Instrument	Date Prepared	Date Analyzed	MS/MSD Batch Number
09-01-0108-5	Aqueous	GC/MS R	01/09/09	01/09/09	090109S01

Parameter	MS %REC	MSD %REC	%REC CL	RPD	RPD CL	Qualifiers
Benzene	41	53	88-118	5	0-7	3
Carbon Tetrachloride	87	86	67-145	1	0-11	
Chlorobenzene	94	95	88-118	1	0-7	
1,2-Dibromoethane	99	96	70-130	3	0-30	
1,2-Dichlorobenzene	93	97	86-116	4	0-8	
1,1-Dichloroethene	85	83	70-130	3	0-25	
Ethylbenzene	94	94	70-130	0	0-30	
Toluene	91	94	87-123	3	0-8	
Trichloroethene	89	92	79-127	4	0-10	
Vinyl Chloride	71	76	69-129	6	0-13	
Methyl-t-Butyl Ether (MTBE)	90	88	71-131	2	0-13	
Tert-Butyl Alcohol (TBA)	84	83	36-168	0	0-45	
Diisopropyl Ether (DIPE)	90	89	81-123	1	0-9	
Ethyl-t-Butyl Ether (ETBE)	94	93	72-126	1	0-12	
Tert-Amyl-Methyl Ether (TAME)	93	95	72-126	2	0-12	
Ethanol	83	81	53-149	3	0-31	

RPD - Relative Percent Difference , CL - Control Limit







## Quality Control - Spike/Spike Duplicate



Blaine Tech Services, Inc.  
1680 Rogers Avenue  
San Jose, CA 95112-1105

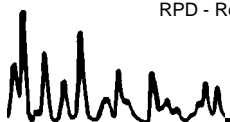
Date Received: 01/06/09  
Work Order No: 09-01-0141  
Preparation: EPA 5030B  
Method: LUFT GC/MS / EPA  
8260B

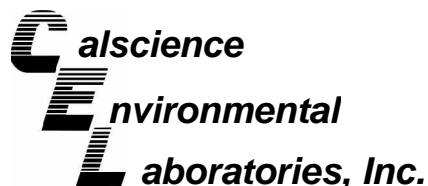
Project 2120 Montana St., Oakland, CA

Quality Control Sample ID	Matrix	Instrument	Date Prepared	Date Analyzed	MS/MSD Batch Number
09-01-0117-4	Aqueous	GC/MS R	01/07/09	01/08/09	090107S02

Parameter	MS %REC	MSD %REC	%REC CL	RPD	RPD CL	Qualifiers
Benzene	96	93	88-118	4	0-7	
Carbon Tetrachloride	97	90	67-145	7	0-11	
Chlorobenzene	95	95	88-118	0	0-7	
1,2-Dibromoethane	102	96	70-130	6	0-30	
1,2-Dichlorobenzene	92	95	86-116	3	0-8	
1,1-Dichloroethene	93	86	70-130	8	0-25	
Ethylbenzene	98	99	70-130	1	0-30	
Toluene	97	94	87-123	3	0-8	
Trichloroethene	93	92	79-127	1	0-10	
Vinyl Chloride	86	75	69-129	14	0-13	4
Methyl-t-Butyl Ether (MTBE)	97	79	71-131	20	0-13	4
Tert-Butyl Alcohol (TBA)	92	73	36-168	23	0-45	
Diisopropyl Ether (DIPE)	99	89	81-123	10	0-9	4
Ethyl-t-Butyl Ether (ETBE)	100	91	72-126	9	0-12	
Tert-Amyl-Methyl Ether (TAME)	98	93	72-126	6	0-12	
Ethanol	85	73	53-149	14	0-31	

RPD - Relative Percent Difference , CL - Control Limit





## Quality Control - Spike/Spike Duplicate



Blaine Tech Services, Inc.  
1680 Rogers Avenue  
San Jose, CA 95112-1105

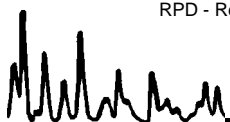
Date Received: 01/06/09  
Work Order No: 09-01-0141  
Preparation: EPA 5030B  
Method: LUFT GC/MS / EPA  
8260B

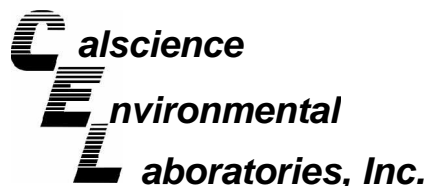
Project 2120 Montana St., Oakland, CA

Quality Control Sample ID	Matrix	Instrument	Date Prepared	Date Analyzed	MS/MSD Batch Number
09-01-0288-1	Aqueous	GC/MS R	01/10/09	01/10/09	090110S01

Parameter	MS %REC	MSD %REC	%REC CL	RPD	RPD CL	Qualifiers
Benzene	84	84	88-118	0	0-7	3
Carbon Tetrachloride	78	76	67-145	3	0-11	
Chlorobenzene	85	89	88-118	5	0-7	3
1,2-Dibromoethane	91	92	70-130	1	0-30	
1,2-Dichlorobenzene	82	87	86-116	7	0-8	3
1,1-Dichloroethene	77	73	70-130	5	0-25	
Ethylbenzene	86	89	70-130	4	0-30	
Toluene	85	86	87-123	1	0-8	3
Trichloroethene	83	84	79-127	1	0-10	
Vinyl Chloride	68	65	69-129	4	0-13	3
Methyl-t-Butyl Ether (MTBE)	85	81	71-131	5	0-13	
Tert-Butyl Alcohol (TBA)	83	85	36-168	3	0-45	
Diisopropyl Ether (DIPE)	86	83	81-123	4	0-9	
Ethyl-t-Butyl Ether (ETBE)	88	85	72-126	4	0-12	
Tert-Amyl-Methyl Ether (TAME)	87	88	72-126	1	0-12	
Ethanol	76	79	53-149	4	0-31	

RPD - Relative Percent Difference , CL - Control Limit





## Quality Control - LCS/LCS Duplicate



Blaine Tech Services, Inc.  
1680 Rogers Avenue  
San Jose, CA 95112-1105

Date Received: N/A  
Work Order No: 09-01-0141  
Preparation: EPA 5030B  
Method: LUFT GC/MS / EPA 8260B

Project: 2120 Montana St., Oakland, CA

Quality Control Sample ID	Matrix	Instrument	Date Prepared	Date Analyzed	LCS/LCSD Batch Number		
099-12-767-780	Aqueous	GC/MS R	01/08/09	01/08/09	090108L01		
Parameter	LCS %REC	LCSD %REC	%REC CL	ME CL	RPD	RPD CL	Qualifiers
Benzene	93	95	84-120	78-126	1	0-8	
Carbon Tetrachloride	91	90	63-147	49-161	2	0-10	
Chlorobenzene	96	95	89-119	84-124	1	0-7	
1,2-Dibromoethane	98	98	80-120	73-127	1	0-20	
1,2-Dichlorobenzene	94	97	89-119	84-124	4	0-9	
1,1-Dichloroethene	87	87	77-125	69-133	0	0-16	
Ethylbenzene	97	99	80-120	73-127	2	0-20	
Toluene	95	94	83-125	76-132	1	0-9	
Trichloroethene	94	96	89-119	84-124	3	0-8	
Vinyl Chloride	79	81	63-135	51-147	2	0-13	
Methyl-t-Butyl Ether (MTBE)	93	92	82-118	76-124	0	0-13	
Tert-Butyl Alcohol (TBA)	82	85	46-154	28-172	4	0-32	
Diisopropyl Ether (DIPE)	94	94	81-123	74-130	1	0-11	
Ethyl-t-Butyl Ether (ETBE)	95	97	74-122	66-130	2	0-12	
Tert-Amyl-Methyl Ether (TAME)	95	96	76-124	68-132	2	0-10	
Ethanol	79	82	60-138	47-151	4	0-32	
TPPH	75	73	65-135	53-147	3	0-30	

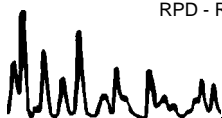
Total number of LCS compounds : 17

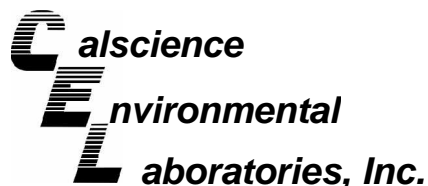
Total number of ME compounds : 0

Total number of ME compounds allowed : 1

LCS ME CL validation result : Pass

RPD - Relative Percent Difference , CL - Control Limit





## Quality Control - LCS/LCS Duplicate



Blaine Tech Services, Inc.  
1680 Rogers Avenue  
San Jose, CA 95112-1105

Date Received: N/A  
Work Order No: 09-01-0141  
Preparation: EPA 5030B  
Method: LUFT GC/MS / EPA 8260B

Project: 2120 Montana St., Oakland, CA

Quality Control Sample ID	Matrix	Instrument	Date Prepared	Date Analyzed	LCS/LCSD Batch Number		
099-12-767-790	Aqueous	GC/MS R	01/09/09	01/09/09	090109L01		
Parameter	LCS %REC	LCSD %REC	%REC CL	ME CL	RPD	RPD CL	Qualifiers
Benzene	89	90	84-120	78-126	1	0-8	
Carbon Tetrachloride	85	90	63-147	49-161	6	0-10	
Chlorobenzene	90	94	89-119	84-124	4	0-7	
1,2-Dibromoethane	87	93	80-120	73-127	6	0-20	
1,2-Dichlorobenzene	89	95	89-119	84-124	7	0-9	
1,1-Dichloroethene	85	90	77-125	69-133	5	0-16	
Ethylbenzene	93	99	80-120	73-127	6	0-20	
Toluene	90	92	83-125	76-132	3	0-9	
Trichloroethene	91	93	89-119	84-124	3	0-8	
Vinyl Chloride	82	82	63-135	51-147	0	0-13	
Methyl-t-Butyl Ether (MTBE)	78	85	82-118	76-124	9	0-13	ME
Tert-Butyl Alcohol (TBA)	82	84	46-154	28-172	2	0-32	
Diisopropyl Ether (DIPE)	83	88	81-123	74-130	5	0-11	
Ethyl-t-Butyl Ether (ETBE)	84	88	74-122	66-130	5	0-12	
Tert-Amyl-Methyl Ether (TAME)	83	87	76-124	68-132	5	0-10	
Ethanol	87	87	60-138	47-151	1	0-32	
TPPH	98	106	65-135	53-147	9	0-30	

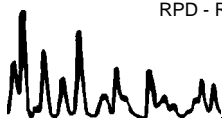
Total number of LCS compounds : 17

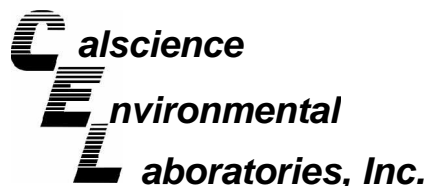
Total number of ME compounds : 1

Total number of ME compounds allowed : 1

LCS ME CL validation result : Pass

RPD - Relative Percent Difference , CL - Control Limit





## Quality Control - LCS/LCS Duplicate



Blaine Tech Services, Inc.  
1680 Rogers Avenue  
San Jose, CA 95112-1105

Date Received: N/A  
Work Order No: 09-01-0141  
Preparation: EPA 5030B  
Method: LUFT GC/MS / EPA 8260B

Project: 2120 Montana St., Oakland, CA

Quality Control Sample ID	Matrix	Instrument	Date Prepared	Date Analyzed	LCS/LCSD Batch Number		
099-12-767-779	Aqueous	GC/MS R	01/07/09	01/08/09	090107L02		
Parameter	LCS %REC	LCSD %REC	%REC CL	ME CL	RPD	RPD CL	Qualifiers
Benzene	96	101	84-120	78-126	5	0-8	
Carbon Tetrachloride	99	100	63-147	49-161	1	0-10	
Chlorobenzene	97	101	89-119	84-124	4	0-7	
1,2-Dibromoethane	95	100	80-120	73-127	5	0-20	
1,2-Dichlorobenzene	94	99	89-119	84-124	5	0-9	
1,1-Dichloroethene	95	97	77-125	69-133	2	0-16	
Ethylbenzene	101	107	80-120	73-127	6	0-20	
Toluene	96	103	83-125	76-132	6	0-9	
Trichloroethene	102	104	89-119	84-124	2	0-8	
Vinyl Chloride	79	83	63-135	51-147	5	0-13	
Methyl-t-Butyl Ether (MTBE)	90	93	82-118	76-124	4	0-13	
Tert-Butyl Alcohol (TBA)	88	100	46-154	28-172	13	0-32	
Diisopropyl Ether (DIPE)	94	98	81-123	74-130	4	0-11	
Ethyl-t-Butyl Ether (ETBE)	93	97	74-122	66-130	4	0-12	
Tert-Amyl-Methyl Ether (TAME)	92	96	76-124	68-132	5	0-10	
Ethanol	90	97	60-138	47-151	8	0-32	
TPPH	73	79	65-135	53-147	8	0-30	

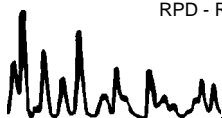
Total number of LCS compounds : 17

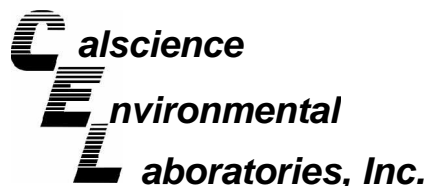
Total number of ME compounds : 0

Total number of ME compounds allowed : 1

LCS ME CL validation result : Pass

RPD - Relative Percent Difference , CL - Control Limit





## Quality Control - LCS/LCS Duplicate



Blaine Tech Services, Inc.  
1680 Rogers Avenue  
San Jose, CA 95112-1105

Date Received: N/A  
Work Order No: 09-01-0141  
Preparation: EPA 5030B  
Method: LUFT GC/MS / EPA 8260B

Project: 2120 Montana St., Oakland, CA

Quality Control Sample ID	Matrix	Instrument	Date Prepared	Date Analyzed	LCS/LCSD Batch Number		
099-12-767-810	Aqueous	GC/MS R	01/10/09	01/10/09	090110L01		
Parameter	LCS %REC	LCSD %REC	%REC CL	ME CL	RPD	RPD CL	Qualifiers
Benzene	92	92	84-120	78-126	1	0-8	
Carbon Tetrachloride	87	88	63-147	49-161	2	0-10	
Chlorobenzene	94	96	89-119	84-124	2	0-7	
1,2-Dibromoethane	92	93	80-120	73-127	1	0-20	
1,2-Dichlorobenzene	94	94	89-119	84-124	1	0-9	
1,1-Dichloroethene	86	86	77-125	69-133	0	0-16	
Ethylbenzene	97	99	80-120	73-127	2	0-20	
Toluene	93	94	83-125	76-132	1	0-9	
Trichloroethene	94	93	89-119	84-124	1	0-8	
Vinyl Chloride	72	77	63-135	51-147	7	0-13	
Methyl-t-Butyl Ether (MTBE)	84	84	82-118	76-124	0	0-13	
Tert-Butyl Alcohol (TBA)	77	82	46-154	28-172	6	0-32	
Diisopropyl Ether (DIPE)	89	89	81-123	74-130	1	0-11	
Ethyl-t-Butyl Ether (ETBE)	88	88	74-122	66-130	0	0-12	
Tert-Amyl-Methyl Ether (TAME)	88	89	76-124	68-132	1	0-10	
Ethanol	83	82	60-138	47-151	1	0-32	
TPPH	97	100	65-135	53-147	3	0-30	

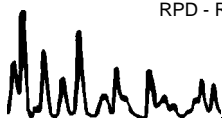
Total number of LCS compounds : 17

Total number of ME compounds : 0

Total number of ME compounds allowed : 1

LCS ME CL validation result : Pass

RPD - Relative Percent Difference , CL - Control Limit



Work Order Number: 09-01-0141

<u>Qualifier</u>	<u>Definition</u>
*	See applicable analysis comment.
1	Surrogate compound recovery was out of control due to a required sample dilution, therefore, the sample data was reported without further clarification.
2	Surrogate compound recovery was out of control due to matrix interference. The associated method blank surrogate spike compound was in control and, therefore, the sample data was reported without further clarification.
3	Recovery of the Matrix Spike (MS) or Matrix Spike Duplicate (MSD) compound was out of control due to matrix interference. The associated LCS and/or LCSD was in control and, therefore, the sample data was reported without further clarification.
4	The MS/MSD RPD was out of control due to matrix interference. The LCS/LCSD RPD was in control and, therefore, the sample data was reported without further clarification.
5	The PDS/PDSD associated with this batch of samples was out of control due to a matrix interference effect. The associated batch LCS/LCSD was in control and, hence, the associated sample data was reported with no further corrective action required.
A	Result is the average of all dilutions, as defined by the method.
B	Analyte was present in the associated method blank.
C	Analyte presence was not confirmed on primary column.
E	Concentration exceeds the calibration range.
H	Sample received and/or analyzed past the recommended holding time.
J	Analyte was detected at a concentration below the reporting limit and above the laboratory method detection limit. Reported value is estimated.
ME	LCS Recovery Percentage is within LCS ME Control Limit range.
N	Nontarget Analyte.
ND	Parameter not detected at the indicated reporting limit.
Q	Spike recovery and RPD control limits do not apply resulting from the parameter concentration in the sample exceeding the spike concentration by a factor of four or greater.
U	Undetected at the laboratory method detection limit.
X	% Recovery and/or RPD out-of-range.
Z	Analyte presence was not confirmed by second column or GC/MS analysis.



**LAB (LOCATION)**

- CALSCIENCE ( \_\_\_\_\_ )
- SPL ( \_\_\_\_\_ )
- XENCO ( \_\_\_\_\_ )
- TEST AMERICA ( \_\_\_\_\_ )
- OTHER ( \_\_\_\_\_ )



**Shell Oil Products Chain Of Custody Record**

**Please Check Appropriate Box:**

<input checked="" type="checkbox"/> ENV. SERVICES	<input type="checkbox"/> MOTIVA RETAIL	<input type="checkbox"/> SHELL RETAIL
<input type="checkbox"/> MOTIVA SD&CM	<input type="checkbox"/> CONSULTANT	<input type="checkbox"/> LUBES
<input type="checkbox"/> SHELL PIPELINE	<input type="checkbox"/> OTHER _____	

**Print Bill To Contact Name:** Denis Brown

**INCIDENT # (ENV SERVICES):** 9 8 9 9 5 7 4 0

**PO #:** \_\_\_\_\_ **SAP #:** \_\_\_\_\_

CHECK IF NO INCIDENT # APPLIES

DATE: 12/29/08

PAGE: 1 of 1

**SAMPLING COMPANY:** Blaine Tech Services

**LOG CODE:** BTSS

**ADDRESS:** 1680 Rogers Ave, San Jose, CA 95112

**PROJECT CONTACT (Hardcopy or PDF Report to):** Michael Nlnokata

TELEPHONE: (408)573-0555 FAX: (408)573-7771 E-MAIL: mlnlnokata@blainetech.com

**SITE ADDRESS: Street and City:** 2120 Montana St, Oakland

**State:** CA **GLOBAL ID NO.:** T0600101805

**EDF DELIVERABLE TO (Name, Company, Office Location):** Annl Kremi, CRA, Emeryville

**PHONE NO.:** (510) 420-3335 **E-MAIL:** Shelledf@craworld.com

**CONSULTANT PROJECT NO.:** BTS # 081229-54

**SAMPLER NAME(S) (Print):** Joe Lorenson

**LAB USE ONLY:** 01-0141

**TURNAROUND TIME (CALENDAR DAYS):**

STANDARD (14 DAY)  5 DAYS  3 DAYS  2 DAYS  24 HOURS

RESULTS NEEDED ON WEEKEND

LA - RWQCB REPORT FORMAT  UST AGENCY:

**REQUESTED ANALYSIS**

**SPECIAL INSTRUCTIONS OR NOTES :**

Run TPH-d w/Silica Gel Clean Up

SHELL CONTRACT RATE APPLIES

STATE REIMBURSEMENT RATE APPLIES

EDD NOT NEEDED

RECEIPT VERIFICATION REQUESTED

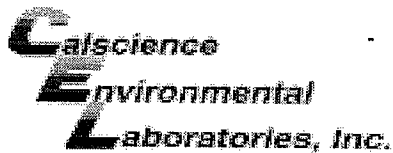
LAB USE ONLY	Field Sample Identification		SAMPLING		MATRIX	PRESERVATIVE					NO. OF CONT.	REQUESTED ANALYSIS											TEMPERATURE ON RECEIPT °C	Container PID Readings or Laboratory Notes							
	DATE	TIME	HCL	HNO3		H2SO4	NONE	OTHER	TPH - Purgeable (8260B)	TPH - Extractable (8015M)		BTEX (8260B)	5 Oxygenates (8260B)	MTBE (8260B)	TBA (8260B)	DIPE (8260B)	TAME (8260B)	ETBE (8260B)	1,2 DCA (8260B)	EDB (8260B)	Ethanol (8260B)	Methanol (8015M)									
1	MW-1	12/29	1230	W	X							3	X	X	X	X															
2	MW-2		1045		X							3	X	X	X	X															
3	MW-3		1115		X							3	X	X	X																
4	MW-4		1305		X							3	X	X	X																
5	MW-5		1610		X							3	X	X	X																
6	TBW-N		1720		X							3	X	X	X	X															
7	EW-1		1335		X							3	X	X	X																
8	EW-2		1135		X							3	X	X	X																

Relinquished by: (Signature)	Received by: (Signature)	Date:	Time:
<i>[Signature]</i>	<i>[Signature]</i>	12/29/08	1630
Relinquished by: (Signature)	Received by: (Signature)	Date:	Time:
<i>[Signature]</i>	Tan O'Malley CER	1/5/09	1304
Relinquished by: (Signature)	Received by: (Signature)	Date:	Time:
Tan O'Malley TO 650 1/5/09 1730	<i>[Signature]</i>	1/6/09	1030

1511021202

*[Signature]*





WORK ORDER #: 09-01-0141

**SAMPLE RECEIPT FORM**

Cooler 1 of 1

CLIENT: Blaine Tech

DATE: 01/06/09

**TEMPERATURE:** (Criteria: 0.0 °C – 6.0 °C, not frozen)

Temperature 3.8 °C - 0.2 °C (CF) = 3.6 °C  Blank  Sample

Sample(s) outside temperature criteria (PM/APM contacted by: \_\_\_\_\_).

Sample(s) outside temperature criteria but received on ice/chilled on same day of sampling.

Received at ambient temperature, placed on ice for transport by Courier.

Ambient Temperature:  Air  Filter  Metals Only  PCBs Only

Initial: [Signature]

**CUSTODY SEALS INTACT:**

Cooler  \_\_\_\_\_  No (Not Intact)  Not Present  N/A

Initial: [Signature]

Sample  \_\_\_\_\_  No (Not Intact)  Not Present

Initial: [Signature]

**SAMPLE CONDITION:**

	Yes	No	N/A
Chain-Of-Custody (COC) document(s) received with samples.....	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
COC document(s) received complete.....	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Sampler's name indicated on COC.....	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Sample container label(s) consistent with COC.....	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Sample container(s) intact and good condition.....	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Correct containers and volume for analyses requested.....	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Analyses received within holding time.....	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Proper preservation noted on COC or sample container.....	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Volatile analysis container(s) free of headspace.....	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Tedlar bag(s) free of condensation.....	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>

**CONTAINER TYPE:**

Solid:  4ozCGJ  8ozCGJ  16ozCGJ  Sleeve  EnCores®  TerraCores®  \_\_\_\_\_

Water:  VOA  VOAh  VOAna<sub>2</sub>  125AGB  125AGBh  125AGBpo<sub>4</sub>  1AGB  1AGBna<sub>2</sub>

1AGBs  500AGB  500AGBs  250CGB  250CGBs  1PB  500PB  500PBna  250PB

250PBn  125PB  125PBznn  100PBsterile  100PBna<sub>2</sub>  \_\_\_\_\_  \_\_\_\_\_  \_\_\_\_\_

Air:  Tedlar®  Summa®  \_\_\_\_\_

Checked/Labeled by: [Signature]

Container: C:Clear A:Amber P:Poly/Plastic G:Glass J:Jar B:Bottle

Reviewed by: [Signature]

Preservative: h:HCL n:HNO<sub>3</sub> na<sub>2</sub>:Na<sub>2</sub>S<sub>2</sub>O<sub>3</sub> na:NaOH po<sub>4</sub>:H<sub>3</sub>PO<sub>4</sub> s:H<sub>2</sub>SO<sub>4</sub> znn:ZnAc<sub>2</sub>+NaOH

Scanned by: [Signature]

# SHELL WELLHEAD INSPECTION FORM

## (FOR SAMPLE TECHNICIAN)

Site Address 2120 Montana St. Oakland, CA Date 12/29/15  
 Job Number 081229-JL1 Technician Joe Lovesen Page 1 of 1

Well ID	Well Inspected - No Corrective Action Required	Well Box Meets Compliance Requirements *See Below	Water Bailed From Wellbox	Cap Replaced	Lock Replaced	Well Not Inspected (explain in notes)	New Deficiency Identified	Previously Identified Deficiency Persists	Notes
MW-1	X	X							Vault
MW-2			X					X	1 of 2 tabs <sup>Broken</sup> <del>Stripped</del>
MW-3	X	X	X						
MW-4	X	X	X						
MW-5	X	X							
TBW-N								X	No Tag / Vault
EW-1	X	X							Vault
EW-2	X	X							Vault

\*Well box must meet all three criteria to be compliant: 1) WELL IS SECURABLE BY DESIGN (12" or less) 2) WELL IS MARKED WITH THE WORDS "MONITORING WELL" (12" or less) 3) WELL TAG IS PRESENT, SECURE, AND CORRECT

Notes: \_\_\_\_\_  
 \_\_\_\_\_

# WELL GAUGING DATA

Project # 081229-JL1 Date 12/29/08 Client Shell

Site 2120 Morikawa St, Oakland, CA

Well ID	Time	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	C-D Notes
MW-1	0940	2					11.21	27.33		4
MW-2	1030	2				11.61	19.87	TR		
MW-3	0915	2				11.40	20.00	1		
MW-4	0945	4				13.13	19.75	5		
MW-5	0958	2				11.80	19.75	TR		
TBW-N	0935	4				10.17 <sup>Ⓢ</sup> <del>10.00</del>	12.93 <del>10.03</del>	3		
EW-1	0952	4		* Pump in well *		11.45	25.80		6	
EW-2	0923	4		* Pump in well *		10.37	26.35		2	
* No SPH in MW-1 or EW-1. Ext system off removed pump to purge + sample. *										

## SHELL WELL MONITORING DATA SHEET

BTS #: <u>081229-561</u>	Site: <u>98995740</u>
Sampler: <u>Joe Lovesee</u>	Date: <u>12/29/08</u>
Well I.D.: <u>MW-1</u>	Well Diameter: <u>(2)</u> 3 4 6 8 _____
Total Well Depth (TD): <u>27.33</u>	Depth to Water (DTW): <u>11.2</u>
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]: <u>14.43</u>	

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: \_\_\_\_\_

<u>2.5</u> (Gals.) X <u>3</u> = <u>7.5</u> 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	radius <sup>2</sup> * 0.163

Time	Temp (°F)	pH	Cond. (mS or $\mu$ S)	Turbidity (NTUs)	Gals. Removed	Observations
<u>1210</u>	<u>66.8</u>	<u>6.9</u>	<u>1112</u>	<u>81</u>	<u>2.5</u>	
<u>1222</u>	<u>67.1</u>	<u>6.7</u>	<u>1108</u>	<u>60</u>	<u>5.0</u>	
<u>1226</u>	<u>67.0</u>	<u>6.7</u>	<u>1064</u>	<u>27</u>	<u>7.5</u>	

Did well dewater? Yes  No       Gallons actually evacuated: 7.5

Sampling Date: 12/29/08      Sampling Time: 1230      Depth to Water: 11.68

Sample I.D.: MW-1      Laboratory: STL Other Calscience

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

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

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

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

## SHELL WELL MONITORING DATA SHEET

BTS #: 081229-241	Site: 98995740
Sampler: Joe Lovesea	Date: 12/29/08
Well I.D.: MW-2	Well Diameter: (2) 3 4 6 8
Total Well Depth (TD): 19.87	Depth to Water (DTW): 11.61
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]: 13.26	

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: \_\_\_\_\_

$1.3 \text{ (Gals.)} \times 3 = 3.9 \text{ Gals.}$ 1 Case Volume      Specified Volumes      Calculated Volume	<table border="1" style="width: 100%; border-collapse: collapse; font-size: small;"> <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>radius<sup>2</sup> * 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 <sup>2</sup> * 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 <sup>2</sup> * 0.163														

Time	Temp (°F)	pH	Cond. (mS or $\mu$ S)	Turbidity (NTUs)	Gals. Removed	Observations
10:34	62.6	7.0	926.1	450	1.5	odor / Black
10:38	65.3	6.9	958.2	919	3.0	
10:41	65.6	6.8	1006	7100	4.5	

Did well dewater? Yes  No  Gallons actually evacuated: 4.5

Sampling Date: 12/29/08 Sampling Time: 1045 Depth to Water: 12.71

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

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

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

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

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

## SHELL WELL MONITORING DATA SHEET

BTS #: <u>081229-561</u>	Site: <u>98995740</u>
Sampler: <u>Joe Loveseu</u>	Date: <u>12/29/08</u>
Well I.D.: <u>MW-3</u>	Well Diameter: <u>2</u> 3 4 6 8 _____
Total Well Depth (TD): <u>20.00</u>	Depth to Water (DTW): <u>11.40</u>
Depth to Free Product:	Thickness of Free Product (feet):
Referenced to: <u>PVO</u> Grade	D.O. Meter (if req'd): YSI HACH
DTW with 80% Recharge [(Height of Water Column x 0.20) + DTW]: <u>13.12</u>	

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: \_\_\_\_\_

$\frac{1.3}{1 \text{ Case Volume}} \text{ (Gals.)} \times \frac{3}{\text{Specified Volumes}} = \frac{3.9}{\text{Calculated Volume}} \text{ Gals.}$	<table border="1" style="width: 100%; border-collapse: collapse; font-size: small;"> <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>radius<sup>2</sup> * 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 <sup>2</sup> * 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 <sup>2</sup> * 0.163														

Time	Temp (°F)	pH	Cond. (mS or $\mu$ S)	Turbidity (NTUs)	Gals. Removed	Observations
1100	66.7	7.1	685.4	561	1.5	
1102	68.9	6.9	630.4	>1000	3.0	
1105	69.3	6.8	626.3	>1000	4.5	
		- Not @ 80% -				

Did well dewater? Yes  No  Gallons actually evacuated: 4.5

Sampling Date: 12/29/08 Sampling Time: 1115 Depth to Water: 13.00

Sample I.D.: MW-3 Laboratory: STL Other Calscience

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

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

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

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

## SHELL WELL MONITORING DATA SHEET

BTS #: 081229-521	Site: 98995740
Sampler: Joe Lovesee	Date: 12/29/08
Well I.D.: MW-4	Well Diameter: 2 3 ④ 6 8
Total Well Depth (TD): 19.75	Depth to Water (DTW): 13.13
Depth to Free Product:	Thickness of Free Product (feet):
Referenced to: <u>PVE</u> Grade	D.O. Meter (if req'd): YSI HACH
DTW with 80% Recharge [(Height of Water Column x 0.20) + DTW]: 14.45	

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: \_\_\_\_\_

$4.3 \text{ (Gals.)} \times 3 = 12.9 \text{ Gals.}$ <p style="font-size: small; margin: 0;">1 Case Volume      Specified Volumes      Calculated Volume</p>	<table border="1" style="width: 100%; border-collapse: collapse; font-size: x-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>radius<sup>2</sup> * 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 <sup>2</sup> * 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 <sup>2</sup> * 0.163														

Time	Temp (°F)	pH	Cond. (mS or <u>µS</u> )	Turbidity (NTUs)	Gals. Removed	Observations
1258	65.1	7.3	714.3	13	4.5	
1259	66.5	7.0	711.5	10	9.0	
1300	66.9	6.9	704.7	11	13.5	

Did well dewater? Yes  No  Gallons actually evacuated: 13.5

Sampling Date: 12/29/08 Sampling Time: 1305 Depth to Water: 14.22

Sample I.D.: MW-4 Laboratory: STL Other Calscience

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

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 #: <u>081229-361</u>	Site: <u>98995740</u>
Sampler: <u>Joe Lovesea</u>	Date: <u>12/29/08</u>
Well I.D.: <u>MW-5</u>	Well Diameter: <u>2</u> 3 4 6 8 _____
Total Well Depth (TD): <u>19.75</u>	Depth to Water (DTW): <u>11.40</u>
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]: <u>13.39</u>	

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: \_\_\_\_\_

$\frac{1.2 \text{ (Gals.)} \times 3}{\text{Specified Volumes}} = \frac{3.6 \text{ Gals.}}{\text{Calculated Volume}}$	<table border="1" style="width: 100%; border-collapse: collapse; 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>radius<sup>2</sup> * 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 <sup>2</sup> * 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 <sup>2</sup> * 0.163														

Time	Temp (°F)	pH	Cond. (mS or $\mu$ S)	Turbidity (NTUs)	Gals. Removed	Observations
<u>1002</u>	<u>61.7</u>	<u>7.5</u>	<u>786.7</u>	<u>677</u>	<u>1.25</u>	
<u>1004</u>	<u>63.9</u>	<u>7.0</u>	<u>748.4</u>	<u>71000</u>	<u>2.5</u>	
<u>1006</u>	<u>64.4</u>	<u>6.9</u>	<u>752.3</u>	<u>71000</u>	<u>3.75</u>	

Did well dewater? Yes  No      Gallons actually evacuated: 3.75

Sampling Date: 12/29/08      Sampling Time: 1010      Depth to Water: 12.28

Sample I.D.: MW-5      Laboratory: STL CalSci'ne

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

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

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

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



## SHELL WELL MONITORING DATA SHEET

BTS #: 081229-JC1	Site: 98995740
Sampler: Joe Loveseu	Date: 12/29/08
Well I.D.: TBW-N	Well Diameter: 2 3 ④ 6 8 _____
Total Well Depth (TD): 12.93	Depth to Water (DTW): 10.17
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]: 10.72	

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: \_\_\_\_\_

$\underline{1.7} \text{ (Gals.)} \times \underline{3} = \underline{5.1} \text{ Gals.}$ <p>1 Case Volume      Specified Volumes      Calculated Volume</p>	<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>radius<sup>2</sup> * 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 <sup>2</sup> * 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 <sup>2</sup> * 0.163														

Time	Temp (°F)	pH	Cond. (mS or $\mu$ S)	Turbidity (NTUs)	Gals. Removed	Observations
1157	66.6	7.1	1107	>1000	11.75	
1200	66.9	6.8	1102	>1000	3.5	
1202	66.7	6.8	1100	>1000	5.25	
		-Not @ 80% -				

Did well dewater? Yes  No       Gallons actually evacuated: 5.25

Sampling Date: 12/29/08      Sampling Time: 1220      Depth to Water: 10.50

Sample I.D.: TBW-N      Laboratory: STL Other Calscienc

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

## SHELL WELL MONITORING DATA SHEET

BTS #: <u>061229-JL1</u>	Site: <u>98995740</u>
Sampler: <u>Joe Lovesee</u>	Date: <u>12/29/08</u>
Well I.D.: <u>EW-1</u>	Well Diameter: 2 3 <u>4</u> 6 8 _____
Total Well Depth (TD): <u>25.80</u>	Depth to Water (DTW): <u>11.45</u>
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]: <u>14.32</u>	

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

<u>9.3</u> (Gals.) X	<u>3</u> Specified Volumes	<u>= 27.9</u> Gals.	
1 Case Volume		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 <sup>2</sup> * 0.163

Time	Temp (°F)	pH	Cond. (mS or <u>µS</u> )	Turbidity (NTUs)	Gals. Removed	Observations
<u>1322</u>	<u>68.1</u>	<u>6.9</u>	<u>959.8</u>	<u>454</u>	<u>9.5</u>	
<u>1324</u>	<u>68.6</u>	<u>6.8</u>	<u>942.6</u>	<u>80</u>	<u>19.0</u>	
<u>1325</u>	<u>68.3</u>	<u>6.9</u>	<u>956.1</u>	<u>90</u>	<u>29.0</u>	
		<u>-Not</u>	<u>@ 80%</u>	<u>-</u>		

Did well dewater? Yes  No Gallons actually evacuated: 29.0

Sampling Date: 12/29/08 Sampling Time: 1335 Depth to Water: 14.11

Sample I.D.: EW-1 Laboratory: STL Other Calscience

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

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

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

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

## SHELL WELL MONITORING DATA SHEET

BTS #: 081229-5L1	Site: 98995746
Sampler: Joe Lovesee	Date: 12/29/08
Well I.D.: EW-2	Well Diameter: 2 3 ④ 6 8
Total Well Depth (TD): 26.35	Depth to Water (DTW): 10.37
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]: 13.56	

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

$10.3 \text{ (Gals.)} \times 3 = 30.9 \text{ Gals.}$ 1 Case Volume      Specified Volumes      Calculated Volume	<table border="1" style="width: 100%; border-collapse: collapse; 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>radius<sup>2</sup> * 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 <sup>2</sup> * 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 <sup>2</sup> * 0.163														

Time	Temp (°F)	pH	Cond. (mS or <u>LS</u> )	Turbidity (NTUs)	Gals. Removed	Observations
1127	65.5	7.0	803.6	77	10.5	
1129	66.7	7.0	793.1	35	21.0	
1131	67.1	6.9	792.5	17	31.0	

Did well dewater? Yes  No  Gallons actually evacuated: 31.0

Sampling Date: 12/29/08      Sampling Time: 1135      Depth to Water: 13.00

Sample I.D.: EW-2      Laboratory: STL Other Calsciac

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

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**