



**CONESTOGA-ROVERS
& ASSOCIATES**

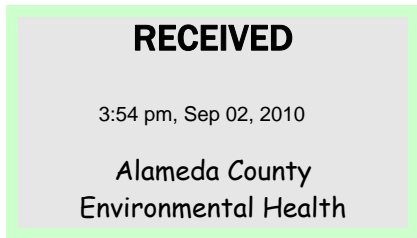
5900 Hollis Street, Suite A
Emeryville, California 94608
Telephone: (510) 420-0700 Fax: (510) 420-9170
www.CRAworld.com

TRANSMITTAL

DATE: August 27, 2010 REFERENCE NO.: 240733

PROJECT NAME: 2120 Montana Street, Oakland

To: Jerry Wickham
Alameda County Environmental Health
1131 Harbor Bay Parkway, Suite 250
Alameda, California 94502-6577



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 - Second Quarter 2010

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, Shell Oil Products US (electronic copy)
SF Data Room (electronic copy)

Completed by: Peter Schaefer Signed: *Peter Schaefer*

Filing: **Correspondence File**



Jerry Wickham
Alameda County Environmental Health
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

Re: Shell-branded Service Station
2120 Montana Street
Oakland, California
SAP Code 135675
Incident No. 98995740
ACEH 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 - SECOND QUARTER 2010

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

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

**AUGUST 27, 2010
REF. NO. 240733 (11)**
This report is printed on recycled paper.

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

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

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REPORT

1.0 INTRODUCTION

Conestoga-Rovers & Associates (CRA) prepared this report on behalf of Equilon Enterprises LLC dba Shell Oil Products US (Shell).

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	ACEH, Jerry Wickham
Agency Case No.	RO0000173
Shell SAP Code	135675
Shell Incident No.	98995740

Date of most recent agency correspondence was July 24, 2009.

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 south to southwesterly
Hydraulic Gradient	0.03

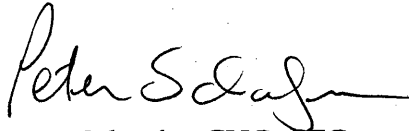
Depth to Water

9.76 to 13.33 feet below top of well casing

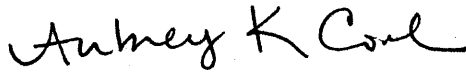
2.3 PROPOSED ACTIVITIES

Blaine will gauge and sample wells according to the established monitoring program for this site. This site is monitored semiannually during the second and fourth quarters, and CRA will issue groundwater monitoring reports semiannually following the sampling events.

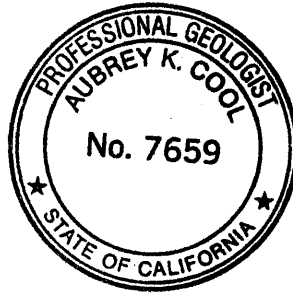
All of Which is Respectfully Submitted,
CONESTOGA-ROVERS & ASSOCIATES



Peter Schaefer, CHG, CEG



Aubrey K. Cool, PG



FIGURES

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

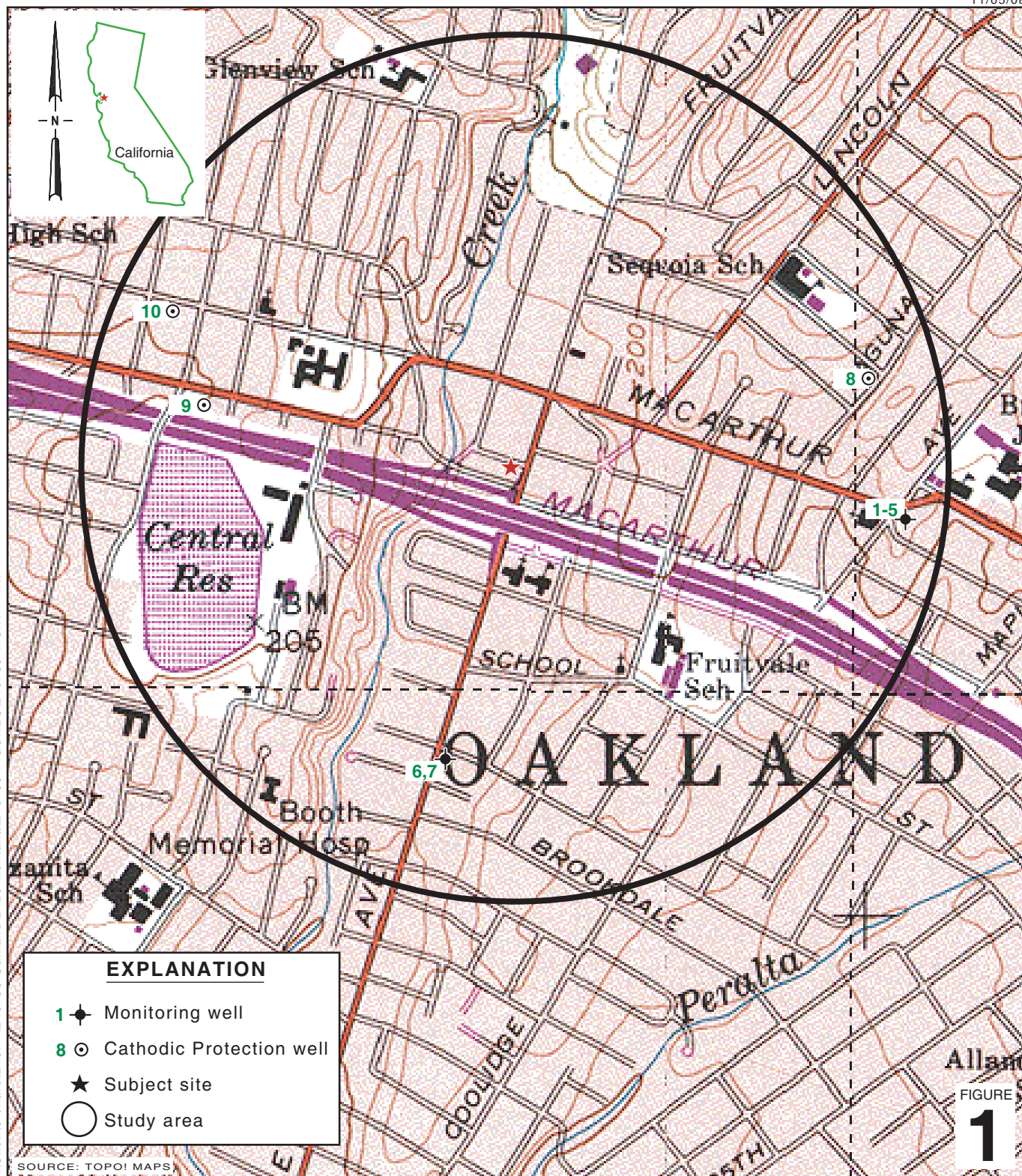


FIGURE 1

Shell-branded Service Station
 2120 Montana Street
 Oakland, California



**CONESTOGA-ROVERS
 & ASSOCIATES**

Vicinity Map

EXPLANATION

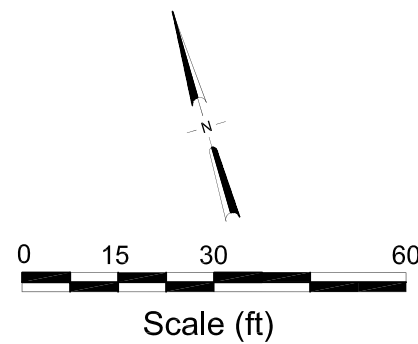
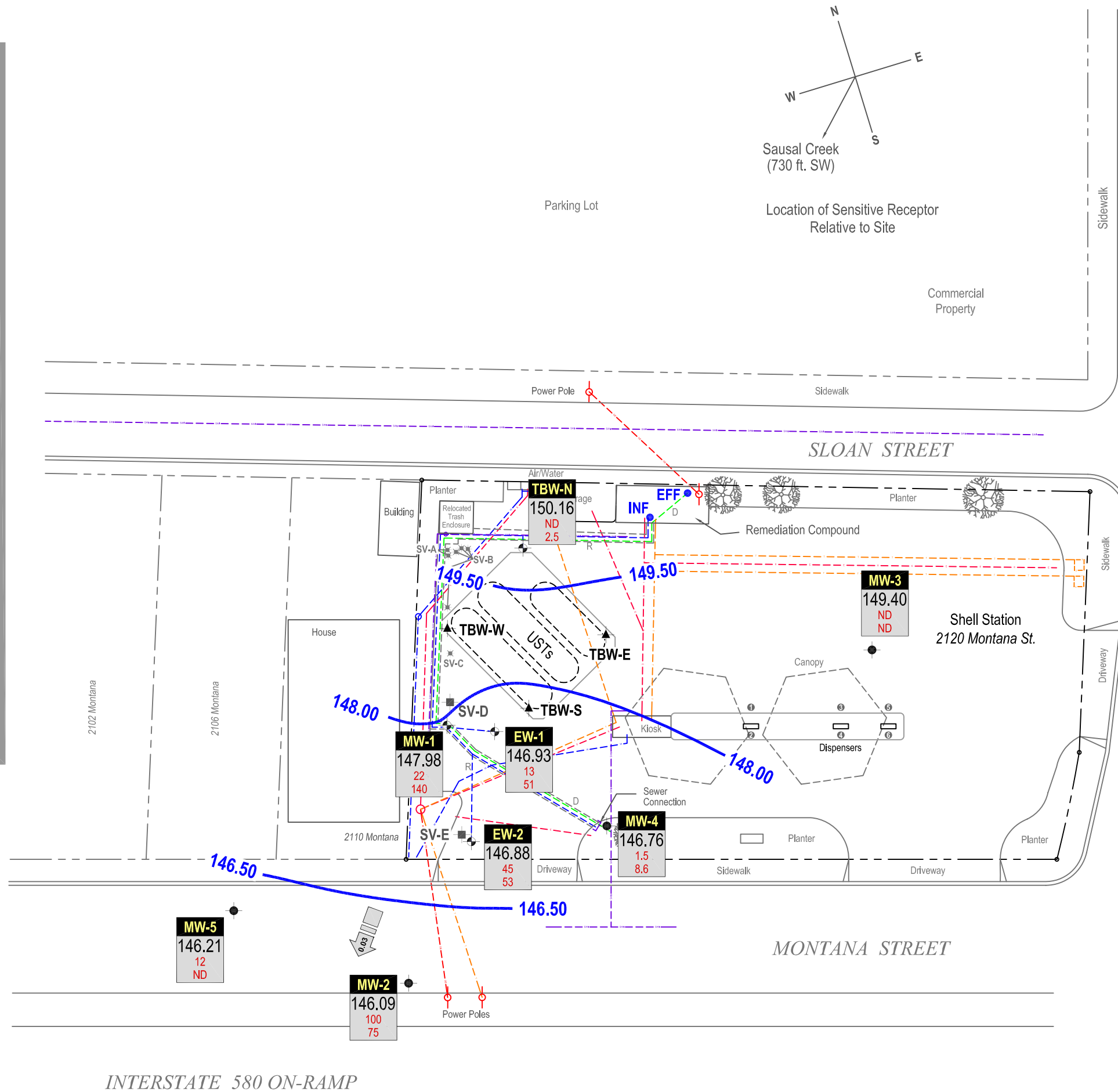
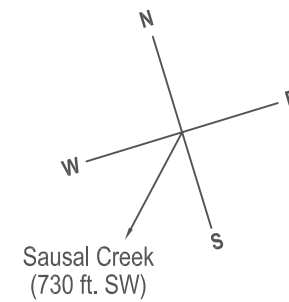
- EW-1** Extraction well location
- MW-1** Well formerly used for groundwater extraction
- MW-2** Monitoring well location
- TBW-N** Tank backfill well location
- SV-D** Soil vapor sampling location (06/14-16/05)
- SV-A** Attempted soil vapor sampling location (6/14/05)
- INF** GWE system sampling location

- Remediation piping (R)
- Discharge line (D)
- Electrical line (E)
- Overhead electric line (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** Well designation
- ELEV** Groundwater elevation, in feet above msl
- Benzene** Benzene and MTBE concentrations are in micrograms per liter
- MTBE**

Notes:
ND = Not detected



FIGURE

2



CONESTOGA-ROVERS & ASSOCIATES

I:\Shell\6-chars\2407--\240733-Oakland 2120 Montana\240733-REPORTS\240733-RPT11-2010\240733 2QM10-GW.DWG

APPENDIX A

BLAINE TECH SERVICES, INC. -
GROUNDWATER MONITORING REPORT

BLAINE

TECH SERVICES INC.

GROUNDWATER SAMPLING SPECIALISTS
SINCE 1985

June 16, 2010

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

Second Quarter 2010 Groundwater Monitoring at
Shell-branded Service Station
2120 Montana Street
Oakland, CA

Monitoring performed on June 2, 2010

Groundwater Monitoring Report **100602-BP-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.

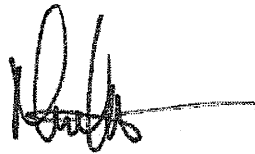
Basic field information is presented alongside analytical values excerpted from the laboratory report in the cumulative table of **WELL CONCENTRATIONS**. The full analytical report for the most recent samples and the field data sheets are attached to this report.

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,

A handwritten signature in black ink, appearing to read "Mike Ninokata", with a long horizontal flourish extending to the right.

Mike Ninokata
Project Manager

MN/np

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	03/19/2001	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	159.59	12.14	147.45	ND
MW-1	03/23/2001	16,600	753	1,720	407	2,330	NA	27,500	NA	NA	NA	NA	159.59	12.25	147.34	ND
MW-1	05/31/2001	<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	06/27/2001	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	159.59	13.00b	NA	ND
MW-1	07/09/2001	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	159.59	13.17	146.67	0.31
MW-1	09/25/2001	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	12/05/2001	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	159.59	11.32	148.31	0.05
MW-1	03/01/2002	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	159.59	13.22	146.56	0.24
MW-1	06/06/2002	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	159.59	12.99	147.00	0.50
MW-1	07/16/2002	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	159.59	13.37	146.22	ND
MW-1	09/06/2002	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	03/31/2003	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	159.57	11.21	148.38	0.03
MW-1	06/30/2003	7,800	<25	37	<25	380	NA	2,000	NA	NA	NA	NA	159.57	12.20	147.37	ND
MW-1	09/09/2003	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	03/17/2004	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	159.08	11.80	147.40	0.15
MW-1	05/24/2004	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	159.08	12.42	146.71	0.06
MW-1	09/17/2004	8,000	530	380	330	960	NA	1,100	<20	<20	<20	4,100	159.08	15.95	143.13	ND
MW-1	12/06/2004	2,800	150	<5.0	120	120	NA	300	NA	NA	NA	NA	159.08	13.15	145.93	ND
MW-1	03/02/2005	13,000	490	710	360	2,200	NA	5,000	NA	NA	NA	NA	159.08	12.14	146.94	ND
MW-1	06/10/2005	5,600	210	120	120	910	NA	3,100	NA	NA	NA	NA	159.08	NA	NA	<0.01
MW-1	09/01/2005	<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	03/03/2006	<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	05/12/2006	3,430	80.0	0.530	26.8	71.9	NA	154	NA	NA	NA	1,040	159.08	17.41	141.67	ND

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.)
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MW-1	09/05/2006	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
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	03/21/2007	Well inaccessible		NA	NA	NA	NA	NA	NA	NA	NA	NA	159.08	NA	NA	ND
MW-1	06/14/2007	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	08/27/2007	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	03/21/2008	4,600	42	<5.0	120	94	NA	300	NA	NA	NA	3,200	159.08	11.59	147.49	ND
MW-1	05/29/2008	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	08/29/2008	2,400	42	<5.0	23	<5.0	NA	320	<10	<10	<10	4,700	159.08	12.33	146.75	ND
MW-1	12/29/2008	2,700	30	<5.0	28	45	NA	460	NA	NA	NA	3,300	159.08	11.21	147.87	ND
MW-1	03/05/2009	2,000	15	<5.0	<5.0	66	NA	83	NA	NA	NA	980	159.08	8.98	150.10	ND
MW-1	05/27/2009	2,100	25	<1.0	69	52	NA	220	NA	NA	NA	2,500	159.08	11.71	147.37	ND
MW-1	12/28/2009	1,500	8.5	<2.0	8.8	7.4	NA	140	<4.0	<4.0	<4.0	1,800	159.08	11.13	147.95	ND
MW-1	06/02/2010	2,100	22	<2.0	73	51	NA	140	NA	NA	NA	2,600	159.08	11.10	147.98	ND

MW-2	03/19/2001	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	158.03	11.60	146.43	ND
MW-2	03/23/2001	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	05/31/2001	<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	06/27/2001	<50,000	610	4.0	13	9.2	NA	47,000	NA	NA	NA	NA	158.03	12.65	145.38	ND
MW-2	09/25/2001	<2,000	41	<20	<20	<20	NA	6,400	NA	NA	NA	NA	158.03	12.89	145.14	ND
MW-2	12/05/2001	<2,000	74	<20	<20	<20	NA	8,400	NA	NA	NA	NA	158.03	10.40	147.63	ND
MW-2	03/01/2002	<1,000	<10	<10	<10	<10	NA	2,900	NA	NA	NA	NA	158.03	11.52	146.51	ND
MW-2	06/06/2002	<5,000	210	<50	<50	<50	NA	23,000	NA	NA	NA	NA	158.03	12.15	145.88	ND
MW-2	07/16/2002	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	158.03	12.25	145.78	ND
MW-2	09/06/2002	<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	03/31/2003	<5,000	230	1,200	95	150	NA	13,000	NA	NA	NA	NA	158.01	11.98	146.03	ND
MW-2	06/30/2003	<12,000	780	<120	170	250	NA	9,000	NA	NA	NA	NA	158.01	12.10	145.91	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	09/09/2003	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	03/17/2004	25,000	170	390	280	1,400	NA	1,500	NA	NA	NA	NA	158.01	11.40	146.61	ND
MW-2	05/24/2004	140,000	<25	220	1,200	6,800	NA	320	NA	NA	NA	NA	158.01	12.28	145.73	ND
MW-2	09/17/2004	64,000	2,900	230	2,300	9,700	NA	6,300	<100	<100	<100	4,100	158.01	12.90	145.11	ND
MW-2	12/06/2004	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	03/02/2005	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	06/10/2005	100,000	450	<25	440	800	NA	300	NA	NA	NA	NA	158.01	11.71	146.30	ND
MW-2	09/01/2005	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	03/03/2006	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	05/12/2006	7,610	1,200	27.9	858	396	NA	688	NA	NA	NA	681	158.01	14.22	143.79	ND
MW-2	09/05/2006	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	03/21/2007	30,000	380	31	460	290	NA	95	NA	NA	NA	1,700	158.01	11.75	146.26	ND
MW-2	06/14/2007	Well inaccessible		NA	NA	NA	NA	NA	NA	NA	NA	NA	158.01	NA	NA	ND
MW-2	08/27/2007	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	03/21/2008	Well inaccessible		NA	NA	NA	NA	NA	NA	NA	NA	NA	158.01	NA	NA	ND
MW-2	05/29/2008	14,000	130	14	78	6.8	NA	130	NA	NA	NA	1,000	158.01	12.11	145.90	ND
MW-2	08/29/2008	14,000	120	10	23	6.6	NA	60	<10	<10	<10	810	158.01	12.32	145.69	ND
MW-2	12/29/2008	33,000	110	<10	15	<10	NA	58	NA	NA	NA	890	158.01	11.61	146.40	ND
MW-2	03/05/2009	22,000	250	55	130	60	NA	130	NA	NA	NA	1,200	158.01	9.60	148.41	ND
MW-2	05/27/2009	11,000	150	20	110	49	NA	110	NA	NA	NA	740	158.01	12.08	145.93	ND
MW-2	12/28/2009	20,000	120	9.5	16	11	NA	85	<10	<10	<10	720	158.01	11.79	146.22	ND
MW-2	06/02/2010	59,000	100	<20	36	<20	NA	75	NA	NA	NA	600	158.01	11.92	146.09	ND
MW-3	03/19/2001	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	161.13	11.42	149.71	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.)
MW-3	03/23/2001	<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	05/31/2001	<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	06/27/2001	<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	09/25/2001	<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	12/05/2001	<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	03/01/2002	<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	06/06/2002	<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	07/16/2002	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	161.13	11.72	149.41	ND
MW-3	09/06/2002	<50	<0.50	<0.50	<0.50	<0.50	NA	<5.0	NA	NA	NA	NA	161.11	12.24	148.87	ND
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	03/31/2003	<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	06/30/2003	<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	09/09/2003	<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	03/17/2004	<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	05/24/2004	<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	09/17/2004	<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	12/06/2004	<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	03/02/2005	<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	06/10/2005	<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	09/01/2005	<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	03/03/2006	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	05/12/2006	<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	09/05/2006	<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	03/21/2007	<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	06/14/2007	100	<0.50	<1.0	<1.0	<1.0	NA	2.4	NA	NA	NA	NA	161.11	12.08	149.03	ND

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	08/27/2007	<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	03/21/2008	<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	05/29/2008	<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	08/29/2008	<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
MW-3	12/29/2008	<50	<0.50	<1.0	<1.0	<1.0	NA	<1.0	NA	NA	NA	NA	161.11	11.40	149.71	ND
MW-3	03/05/2009	<50	<0.50	<1.0	<1.0	<1.0	NA	<1.0	NA	NA	NA	NA	161.11	9.50	151.61	ND
MW-3	05/27/2009	<50	<0.50	<1.0	<1.0	<1.0	NA	<1.0	NA	NA	NA	NA	161.11	11.83	149.28	ND
MW-3	12/28/2009	<50	<0.50	<1.0	<1.0	<1.0	NA	<1.0	<2.0	<2.0	<2.0	<10	161.11	11.68	149.43	ND
MW-3	06/02/2010	<50	<0.50	<1.0	<1.0	<1.0	NA	<1.0	NA	NA	NA	NA	161.11	11.71	149.40	ND
MW-4	07/10/2002	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NM	13.19	NA	ND
MW-4	07/16/2002	800	1.1	1.1	2.6	2.4	NA	450	NA	NA	NA	NA	NM	13.56	NA	ND
MW-4	09/06/2002	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	03/31/2003	<250	<2.5	<2.5	<2.5	<5.0	NA	500	NA	NA	NA	NA	160.09	13.69	146.40	ND
MW-4	06/30/2003	3,100	5.3	<5.0	7.1	<10	NA	420	NA	NA	NA	NA	160.09	14.12	145.97	ND
MW-4	09/09/2003	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	03/17/2004	1,900	6.9	3.0	33	22	NA	290	NA	NA	NA	NA	160.09	13.24	146.85	ND
MW-4	05/24/2004	1,800	<2.5	<2.5	<2.5	11	NA	44	NA	NA	NA	NA	160.09	14.03	146.06	ND
MW-4	09/17/2004	3,300	57	10	47	32	NA	310	<10	<10	<10	700	160.09	13.58	146.51	ND
MW-4	12/06/2004	4,700	9.4	3.8	34	12	NA	150	NA	NA	NA	NA	160.09	14.65	145.44	ND
MW-4	03/02/2005	<1,300	<13	<13	<13	<25	NA	150	NA	NA	NA	NA	160.09	12.67	147.42	ND
MW-4	06/10/2005	2,600	4.1	1.9	25	5.6	NA	61	NA	NA	NA	NA	160.09	13.11	146.98	ND
MW-4	09/01/2005	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	03/03/2006	79,300 j	649 j	37.2	470 j	326	NA	577 j	NA	NA	NA	NA	160.09	12.80	147.29	ND

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.)
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MW-4	05/12/2006	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	09/05/2006	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	03/21/2007	540	0.68	0.51	4.0	<1.0	NA	140	NA	NA	NA	NA	160.09	13.35	146.74	ND
MW-4	06/14/2007	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	160.09	19.02	141.07	ND
MW-4	08/27/2007	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	03/21/2008	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	05/29/2008	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	08/29/2008	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
MW-4	12/29/2008	1,700	1.8	1.4	2.3	1.6	NA	8.9	NA	NA	NA	NA	160.09	13.13	146.96	ND
MW-4	03/05/2009	1,800	1.6	<1.0	<1.0	<1.0	NA	16	NA	NA	NA	NA	160.09	11.12	148.97	ND
MW-4	05/27/2009	2,000	4.6	1.8	3.5	2.2	NA	28	NA	NA	NA	NA	160.09	13.35	146.74	ND
MW-4	12/28/2009	1,100	0.66	<1.0	<1.0	<1.0	NA	7.4	<2.0	<2.0	<2.0	72	160.09	13.35	146.74	ND
MW-4	06/02/2010	1,400	1.5	<1.0	1.8	1.0	NA	8.6	NA	NA	NA	NA	160.09	13.33	146.76	ND

MW-5	07/10/2002	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NM	12.22	NA	ND
MW-5	07/16/2002	6,100	65	7.2	100	130	NA	410	NA	NA	NA	NA	NM	12.50	NA	ND
MW-5	09/06/2002	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	03/31/2003	6,400	61	4.9	23	13	NA	330	NA	NA	NA	NA	158.25	11.93	146.32	ND
MW-5	06/30/2003	3,400	18	<2.5	17	5.5	NA	47	NA	NA	NA	NA	158.25	11.97	146.28	ND
MW-5	09/09/2003	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	03/17/2004	7,100	120	22	42	27	NA	300	NA	NA	NA	NA	158.25	11.68	146.57	ND
MW-5	05/24/2004	6,100	72	17	34	23	NA	110	NA	NA	NA	NA	158.25	12.30	145.95	ND
MW-5	09/17/2004	5,700	27	5.3	35	<10	NA	28	<20	<20	<20	<50	158.25	12.15	146.10	ND
MW-5	12/06/2004	4,500	11	<5.0	22	<10	NA	7.5	NA	NA	NA	NA	158.25	12.85	145.40	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	03/02/2005	6,500	14	<2.5	18	<5.0	NA	6.0	NA	NA	NA	NA	158.25	10.83	147.42	ND
MW-5	06/10/2005	5,300	19	2.4	17	4.3	NA	7.2	NA	NA	NA	NA	158.25	12.00	146.25	ND
MW-5	09/01/2005	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	03/03/2006	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	05/12/2006	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	09/05/2006	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	03/21/2007	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	06/14/2007	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	08/27/2007	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	03/21/2008	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	05/29/2008	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	08/29/2008	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
MW-5	12/29/2008	1,200	12	<1.0	<1.0	<1.0	NA	<1.0	NA	NA	NA	NA	158.25	11.80	146.45	ND
MW-5	03/05/2009	1,900	24	2.9	3.7	7.9	NA	<1.0	NA	NA	NA	NA	158.25	9.82	148.43	ND
MW-5	05/27/2009	1,400	23	1.7	2.0	4.9	NA	4.4	NA	NA	NA	NA	158.25	12.34	145.91	ND
MW-5	12/28/2009	980	7.5	<1.0	<1.0	<1.0	NA	2.3	<2.0	<2.0	<2.0	<10	158.25	12.18	146.07	ND
MW-5	06/02/2010	1,200	12	<1.0	<1.0	3.1	NA	<1.0	NA	NA	NA	NA	158.25	12.04	146.21	ND

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	12/05/2001	76,000	1,600	3,200	2,900	15,000	NA	30,000	NA	NA	NA	NA	NM	11.51	NM	ND
TBW-N	03/01/2002	91,000	1,200	4,200	2,800	14,000	NA	29,000	NA	NA	NA	NA	NM	11.88	NM	ND
TBW-N	06/06/2002	100,000	2,100	8,200	3,400	17,000	NA	18,000	NA	NA	NA	NA	NM	12.48	NM	ND
TBW-N	07/16/2002	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NM	12.39	NM	ND
TBW-N	09/06/2002	69,000	870	4,800	2,300	11,000	NA	17,000	NA	NA	NA	NA	161.26	12.36	148.90	ND

WELL CONCENTRATIONS
Shell-branded Service Station
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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	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	03/31/2003	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	06/30/2003	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	09/09/2003	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	03/17/2004	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	05/24/2004	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	09/17/2004	25,000	120	490	570	3,900	NA	490	<200	<200	<200	4,500	159.92	10.80	149.12	ND
TBW-N	12/06/2004	15,000	33	11	410	1,500	NA	200	NA	NA	NA	NA	159.92	11.00	148.92	ND
TBW-N	03/02/2005	7,900	15	<10	120	610	NA	460	NA	NA	NA	NA	159.92	10.58	149.34	ND
TBW-N	06/10/2005	1,200	<5.0	<5.0	13	25	NA	93	NA	NA	NA	NA	159.92	10.68	149.24	ND
TBW-N	09/01/2005	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	03/03/2006	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	05/12/2006	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	09/05/2006	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	03/21/2007	300	<0.50	<0.50	<0.50	<1.0	NA	15	NA	NA	NA	820	159.92	10.67	149.25	ND
TBW-N	06/14/2007	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	08/27/2007	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
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	03/21/2008	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	05/29/2008	<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	08/29/2008	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
TBW-N	12/29/2008	93	<0.50	<1.0	<1.0	<1.0	NA	4.4	NA	NA	NA	740	159.92	10.17	149.75	ND
TBW-N	03/05/2009	93	<0.50	<1.0	<1.0	<1.0	NA	6.7	NA	NA	NA	1,900	159.92	8.62	151.30	ND
TBW-N	05/27/2009	<250	<2.5	<5.0	<5.0	<5.0	NA	<5.0	NA	NA	NA	160	159.92	10.44	149.48	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.)
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TBW-N	12/28/2009	<50	<0.50	<1.0	<1.0	<1.0	NA	2.5	<2.0	<2.0	<2.0	170	159.92	9.85	150.07	ND
TBW-N	06/02/2010	<50	<0.50	<1.0	<1.0	<1.0	NA	2.5	NA	NA	NA	91	159.92	9.76	150.16	ND

EW-1	05/05/2006	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	15.42	NA	ND
EW-1	05/12/2006	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	09/05/2006	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	03/21/2007	1,000	32	<2.5	14	48	NA	420	NA	NA	NA	NA	158.63	14.61	144.02	ND
EW-1	06/14/2007	2,100	14	1.1	5.0	9.3	NA	46	NA	NA	NA	NA	158.63	21.00	137.63	ND
EW-1	08/27/2007	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	03/21/2008	7,300	160	14	400	630	NA	640	NA	NA	NA	NA	158.63	12.10	146.53	ND
EW-1	05/29/2008	3,600	93	6.0	190	124	NA	340	NA	NA	NA	NA	158.63	12.09	146.54	ND
EW-1	08/29/2008	1,100	15	1.5	78	36	NA	48	<2.0	<2.0	<2.0	190	158.63	12.65	145.98	ND
EW-1	12/29/2008	3,200	48	4.2	100	240	NA	180	NA	NA	NA	NA	158.63	11.45	147.18	ND
EW-1	03/05/2009	2,900	58	2.4	130	220	NA	280	NA	NA	NA	NA	158.63	8.48	150.15	ND
EW-1	05/27/2009	2,300	74	2.1	59	96	NA	160	NA	NA	NA	NA	158.63	11.90	146.73	ND
EW-1	12/28/2009	2,100	23	<1.0	93	96	NA	94	<2.0	<2.0	<2.0	400	158.63	11.68	146.95	ND
EW-1	06/02/2010	1,700	13	<1.0	59	66	NA	51	NA	NA	NA	NA	158.63	11.70	146.93	ND

EW-2	05/05/2006	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	16.83	NA	ND
EW-2	05/12/2006	11,400	377	135	335	313	NA	401	<0.500	<0.500	<0.500	1,220	NA	15.91	NA	ND
EW-2	09/05/2006	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	03/21/2007	61	<0.50	<0.50	<0.50	1.5	NA	18	NA	NA	NA	NA	157.51	10.55	146.96	ND
EW-2	06/14/2007	570	3.8	<1.0	<1.0	<1.0	NA	10	NA	NA	NA	NA	157.51	12.82	144.69	ND
EW-2	08/27/2007	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

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	03/21/2008	250	3.5	<1.0	2.7	15.3	NA	62	NA	NA	NA	NA	157.51	10.80	146.71	ND
EW-2	05/29/2008	280	8.7	1.5	7.8	29.3	NA	46	NA	NA	NA	NA	157.51	10.86	146.65	ND
EW-2	08/29/2008	<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
EW-2	12/29/2008	760	21	1.4	17	64	NA	37	NA	NA	NA	NA	157.51	10.37	147.14	ND
EW-2	03/05/2009	260	5.8	<1.0	8.4	30	NA	38	NA	NA	NA	NA	157.51	8.35	149.16	ND
EW-2	05/27/2009	580	27	2.4	25	79	NA	71	NA	NA	NA	NA	157.51	10.83	146.68	ND
EW-2	12/28/2009	780	31	1.6	31	67	NA	51	<2.0	<2.0	<2.0	270	157.51	10.55	146.96	ND
EW-2	06/02/2010	1,400	45	3.0	110	160	NA	53	NA	NA	NA	NA	157.51	10.63	146.88	ND

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

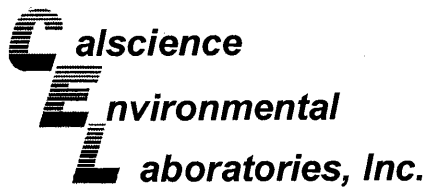
<n = Below detection limit

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.)
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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.



June 16, 2010

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

Subject: **Calscience Work Order No.: 10-06-0362**
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 6/4/2010 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.

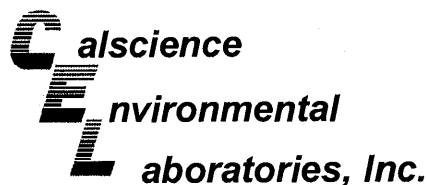
If you have any questions regarding this report, please do not hesitate to contact the undersigned.

Sincerely,

A handwritten signature in cursive script that reads "Philip Samelle for".

Calscience Environmental
Laboratories, Inc.
Xuan H. Dang
Project Manager

A handwritten signature in cursive script, likely the signature of the Project Manager, Xuan H. Dang.



Analytical Report

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

Date Received: 06/04/10
Work Order No: 10-06-0362
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
MW-3	10-06-0362-3-A	06/02/10 10:00	Aqueous	GC/MS RR	06/09/10	06/10/10 07:07	100609L03

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	
Surrogates:	REC (%)	Control Limits	Qual		Surrogates:	REC (%)	Control Limits	Qual	
Dibromofluoromethane	94	80-126			1,2-Dichloroethane-d4	107	80-131		
Toluene-d8	96	80-120			Toluene-d8-TPPH	98	88-112		
1,4-Bromofluorobenzene	99	80-120							

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
MW-4	10-06-0362-4-A	06/02/10 12:15	Aqueous	GC/MS RR	06/09/10	06/10/10 07:33	100609L03

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Benzene	1.5	0.50	1		Xylenes (total)	1.0	1.0	1	
Ethylbenzene	1.8	1.0	1		Methyl-t-Butyl Ether (MTBE)	8.6	1.0	1	
Toluene	ND	1.0	1		TPPH	1400	50	1	
Surrogates:	REC (%)	Control Limits	Qual		Surrogates:	REC (%)	Control Limits	Qual	
Dibromofluoromethane	95	80-126			1,2-Dichloroethane-d4	106	80-131		
Toluene-d8-TPPH	102	88-112			Toluene-d8	99	80-120		
1,4-Bromofluorobenzene	100	80-120							

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
MW-5	10-06-0362-5-A	06/02/10 08:55	Aqueous	GC/MS RR	06/09/10	06/10/10 08:00	100609L03

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Benzene	12	0.50	1		Xylenes (total)	3.1	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	
Surrogates:	REC (%)	Control Limits	Qual		Surrogates:	REC (%)	Control Limits	Qual	
Dibromofluoromethane	97	80-126			1,2-Dichloroethane-d4	106	80-131		
Toluene-d8	100	80-120			Toluene-d8-TPPH	101	88-112		
1,4-Bromofluorobenzene	101	80-120							

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

Analytical Report



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

Date Received: 06/04/10
 Work Order No: 10-06-0362
 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
EW-1	10-06-0362-7-A	06/02/10 12:00	Aqueous	GC/MS RR	06/09/10	06/10/10 08:26	100609L03

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Benzene	13	0.50	1		Xylenes (total)	66	1.0	1	
Ethylbenzene	59	1.0	1		Methyl-t-Butyl Ether (MTBE)	51	1.0	1	
Toluene	ND	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	98	80-126			1,2-Dichloroethane-d4	106	80-131		
Toluene-d8-TPPH	102	88-112			Toluene-d8	100	80-120		
1,4-Bromofluorobenzene	99	80-120							

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
EW-2	10-06-0362-8-A	06/02/10 10:40	Aqueous	GC/MS RR	06/09/10	06/10/10 08:53	100609L03

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Benzene	45	0.50	1		Xylenes (total)	160	1.0	1	
Ethylbenzene	110	1.0	1		Methyl-t-Butyl Ether (MTBE)	53	1.0	1	
Toluene	3.0	1.0	1		TPPH	1400	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	94	80-126			1,2-Dichloroethane-d4	104	80-131		
Toluene-d8	98	80-120			Toluene-d8-TPPH	100	88-112		
1,4-Bromofluorobenzene	98	80-120							

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
Method Blank	099-12-767-4,077	N/A	Aqueous	GC/MS RR	06/09/10	06/10/10 01:24	100609L03

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	80-126			1,2-Dichloroethane-d4	105	80-131		
Toluene-d8-TPPH	100	88-112			Toluene-d8	98	80-120		
1,4-Bromofluorobenzene	100	80-120							

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

Analytical Report



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

Date Received: 06/04/10
 Work Order No: 10-06-0362
 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
MW-1	10-06-0362-1-A	06/02/10 11:30	Aqueous	GC/MS RR	06/11/10	06/11/10 21:19	100611L01

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Benzene	22	1.0	2		Methyl-t-Butyl Ether (MTBE)	140	2.0	2	
Ethylbenzene	73	2.0	2		Tert-Butyl Alcohol (TBA)	2600	50	5	
Toluene	ND	2.0	2		TPPH	2100	100	2	
Xylenes (total)	51	2.0	2						
Surrogates:	REC (%)	Control Limits	Qual		Surrogates:	REC (%)	Control Limits	Qual	
Dibromofluoromethane	99	80-126			1,2-Dichloroethane-d4	113	80-131		
Toluene-d8-TPPH	103	88-112			Toluene-d8	101	80-120		
1,4-Bromofluorobenzene	101	80-120							

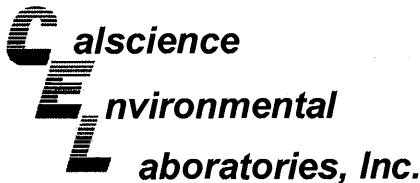
Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
MW-2	10-06-0362-2-C	06/02/10 09:15	Aqueous	GC/MS T	06/14/10	06/14/10 22:01	100614L01

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Benzene	100	10	20		Methyl-t-Butyl Ether (MTBE)	75	20	20	
Ethylbenzene	36	20	20		Tert-Butyl Alcohol (TBA)	600	200	20	
Toluene	ND	20	20		TPPH	59000	1000	20	
Xylenes (total)	ND	20	20						
Surrogates:	REC (%)	Control Limits	Qual		Surrogates:	REC (%)	Control Limits	Qual	
Dibromofluoromethane	98	80-126			1,2-Dichloroethane-d4	94	80-131		
Toluene-d8	99	80-120			Toluene-d8-TPPH	99	88-112		
1,4-Bromofluorobenzene	93	80-120							

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
TBW-N	10-06-0362-6-B	06/02/10 10:15	Aqueous	GC/MS RR	06/12/10	06/13/10 01:35	100612L02

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Benzene	ND	0.50	1		Methyl-t-Butyl Ether (MTBE)	2.5	1.0	1	
Ethylbenzene	ND	1.0	1		Tert-Butyl Alcohol (TBA)	91	10	1	
Toluene	ND	1.0	1		TPPH	ND	50	1	
Xylenes (total)	ND	1.0	1						
Surrogates:	REC (%)	Control Limits	Qual		Surrogates:	REC (%)	Control Limits	Qual	
Dibromofluoromethane	98	80-126			1,2-Dichloroethane-d4	111	80-131		
Toluene-d8	101	80-120			Toluene-d8-TPPH	103	88-112		
1,4-Bromofluorobenzene	100	80-120							

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



Analytical Report



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

Date Received: 06/04/10
Work Order No: 10-06-0362
Preparation: EPA 5030B
Method: LUFT GC/MS / EPA 8260B
Units: ug/L

Project: 2120 Montana St., Oakland, CA

Page 2 of 2

Table with 8 columns: Client Sample Number, Lab Sample Number, Date/Time Collected, Matrix, Instrument, Date Prepared, Date/Time Analyzed, QC Batch ID. Row 1: Method Blank, 099-12-767-4,083, N/A, Aqueous, GC/MS RR, 06/11/10, 06/11/10 15:09, 100611L01

Table with 10 columns: Parameter, Result, RL, DF, Qual, Parameter, Result, RL, DF, Qual. Rows include Benzene, Ethylbenzene, Toluene, Xylenes (total), Surrogates (REC (%), Control Limits, Qual), Dibromofluoromethane, Toluene-d8-TPPH, 1,4-Bromofluorobenzene.

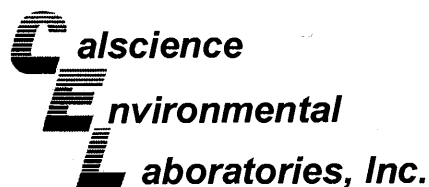
Table with 8 columns: Client Sample Number, Lab Sample Number, Date/Time Collected, Matrix, Instrument, Date Prepared, Date/Time Analyzed, QC Batch ID. Row 1: Method Blank, 099-12-767-4,093, N/A, Aqueous, GC/MS T, 06/14/10, 06/14/10 13:57, 100614L01

Table with 10 columns: Parameter, Result, RL, DF, Qual, Parameter, Result, RL, DF, Qual. Rows include Benzene, Ethylbenzene, Toluene, Xylenes (total), Surrogates (REC (%), Control Limits, Qual), Dibromofluoromethane, Toluene-d8, 1,4-Bromofluorobenzene.

Table with 8 columns: Client Sample Number, Lab Sample Number, Date/Time Collected, Matrix, Instrument, Date Prepared, Date/Time Analyzed, QC Batch ID. Row 1: Method Blank, 099-12-767-4,096, N/A, Aqueous, GC/MS RR, 06/12/10, 06/13/10 01:09, 100612L02

Table with 10 columns: Parameter, Result, RL, DF, Qual, Parameter, Result, RL, DF, Qual. Rows include Benzene, Ethylbenzene, Toluene, Xylenes (total), Surrogates (REC (%), Control Limits, Qual), Dibromofluoromethane, Toluene-d8, 1,4-Bromofluorobenzene.

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

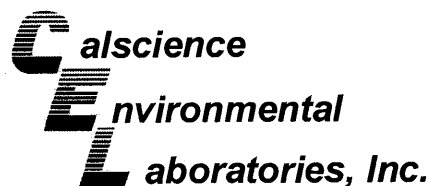
Date Received: 06/04/10
Work Order No: 10-06-0362
Preparation: EPA 5030B
Method: LUFT GC/MS / EPA
8260B

Project 2120 Montana St., Oakland, CA

Quality Control Sample ID	Matrix	Instrument	Date Prepared	Date Analyzed	MS/MSD Batch Number
10-06-0361-1	Aqueous	GC/MS RR	06/09/10	06/10/10	100609S02

Parameter	MS %REC	MSD %REC	%REC CL	RPD	RPD CL	Qualifiers
Benzene	95	100	80-120	5	0-20	
Carbon Tetrachloride	95	100	55-151	5	0-20	
Chlorobenzene	104	109	80-120	5	0-20	
1,2-Dibromoethane	107	110	77-125	3	0-20	
1,2-Dichlorobenzene	105	112	78-120	6	0-20	
1,2-Dichloroethane	102	106	80-120	4	0-20	
1,1-Dichloroethene	98	103	69-129	5	0-20	
Ethylbenzene	105	111	73-127	5	0-20	
Toluene	94	98	80-120	4	0-20	
Trichloroethene	96	100	67-133	4	0-20	
Vinyl Chloride	93	91	67-133	3	0-20	
Methyl-t-Butyl Ether (MTBE)	93	97	65-131	4	0-22	
Tert-Butyl Alcohol (TBA)	95	98	62-134	1	0-20	
Diisopropyl Ether (DIPE)	101	107	64-136	6	0-29	
Ethyl-t-Butyl Ether (ETBE)	96	101	70-124	6	0-20	
Tert-Amyl-Methyl Ether (TAME)	96	101	71-125	5	0-20	
Ethanol	111	119	44-152	7	0-43	

RPD - Relative Percent Difference , CL - Control Limit



Quality Control - Spike/Spike Duplicate



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

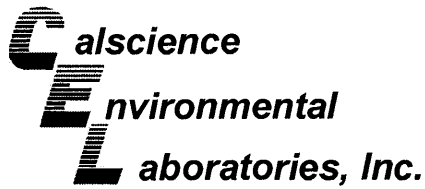
Date Received: 06/04/10
Work Order No: 10-06-0362
Preparation: EPA 5030B
Method: LUFT GC/MS / EPA 8260B

Project 2120 Montana St., Oakland, CA

Quality Control Sample ID	Matrix	Instrument	Date Prepared	Date Analyzed	MS/MSD Batch Number
10-06-0580-1	Aqueous	GC/MS RR	06/11/10	06/11/10	100611S01

Parameter	MS %REC	MSD %REC	%REC CL	RPD	RPD CL	Qualifiers
Benzene	97	101	80-120	5	0-20	
Carbon Tetrachloride	94	99	55-151	5	0-20	
Chlorobenzene	101	106	80-120	4	0-20	
1,2-Dibromoethane	100	110	77-125	9	0-20	
1,2-Dichlorobenzene	106	110	78-120	4	0-20	
1,2-Dichloroethane	98	103	80-120	5	0-20	
1,1-Dichloroethene	103	107	69-129	4	0-20	
Ethylbenzene	105	110	73-127	5	0-20	
Toluene	95	99	80-120	4	0-20	
Trichloroethene	95	98	67-133	3	0-20	
Vinyl Chloride	95	91	67-133	4	0-20	
Methyl-t-Butyl Ether (MTBE)	91	97	65-131	5	0-22	
Tert-Butyl Alcohol (TBA)	98	109	62-134	10	0-20	
Diisopropyl Ether (DIPE)	107	112	64-136	4	0-29	
Ethyl-t-Butyl Ether (ETBE)	97	102	70-124	5	0-20	
Tert-Amyl-Methyl Ether (TAME)	95	99	71-125	4	0-20	
Ethanol	92	111	44-152	15	0-43	

RPD - Relative Percent Difference, CL - Control Limit



Quality Control - Spike/Spike Duplicate



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

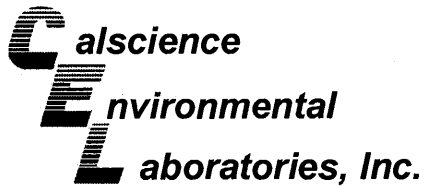
Date Received: 06/04/10
Work Order No: 10-06-0362
Preparation: EPA 5030B
Method: LUFT GC/MS / EPA 8260B

Project 2120 Montana St., Oakland, CA

Quality Control Sample ID	Matrix	Instrument	Date Prepared	Date Analyzed	MS/MSD Batch Number
10-06-1023-1	Aqueous	GC/MS RR	06/12/10	06/13/10	100612S02

Parameter	MS %REC	MSD %REC	%REC CL	RPD	RPD CL	Qualifiers
Benzene	102	98	80-120	4	0-20	
Carbon Tetrachloride	99	98	55-151	1	0-20	
Chlorobenzene	106	102	80-120	4	0-20	
1,2-Dibromoethane	107	106	77-125	1	0-20	
1,2-Dichlorobenzene	108	105	78-120	3	0-20	
1,2-Dichloroethane	108	106	80-120	2	0-20	
1,1-Dichloroethene	109	104	69-129	4	0-20	
Ethylbenzene	110	106	73-127	4	0-20	
Toluene	98	94	80-120	4	0-20	
Trichloroethene	98	94	67-133	5	0-20	
Vinyl Chloride	86	86	67-133	1	0-20	
Methyl-t-Butyl Ether (MTBE)	96	96	65-131	0	0-22	
Tert-Butyl Alcohol (TBA)	116	114	62-134	1	0-20	
Diisopropyl Ether (DIPE)	124	119	64-136	4	0-29	
Ethyl-t-Butyl Ether (ETBE)	104	103	70-124	0	0-20	
Tert-Amyl-Methyl Ether (TAME)	99	98	71-125	1	0-20	
Ethanol	152	138	44-152	9	0-43	

RPD - Relative Percent Difference, CL - Control Limit



Quality Control - Spike/Spike Duplicate



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

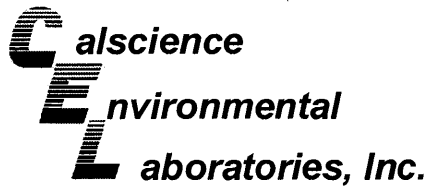
Date Received: 06/04/10
Work Order No: 10-06-0362
Preparation: EPA 5030B
Method: LUFT GC/MS / EPA
8260B

Project 2120 Montana St., Oakland, CA

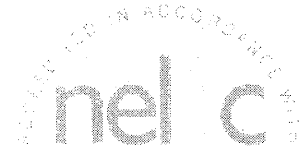
Quality Control Sample ID	Matrix	Instrument	Date Prepared	Date Analyzed	MS/MSD Batch Number
10-06-0878-1	Aqueous	GC/MS T	06/14/10	06/14/10	100614S01

Parameter	MS %REC	MSD %REC	%REC CL	RPD	RPD CL	Qualifiers
Benzene	99	101	80-120	2	0-20	
Carbon Tetrachloride	89	96	55-151	7	0-20	
Chlorobenzene	100	103	80-120	3	0-20	
1,2-Dibromoethane	102	106	77-125	4	0-20	
1,2-Dichlorobenzene	101	103	78-120	2	0-20	
1,2-Dichloroethane	95	99	80-120	4	0-20	
1,1-Dichloroethene	93	97	69-129	5	0-20	
Ethylbenzene	97	98	73-127	1	0-20	
Toluene	99	100	80-120	0	0-20	
Trichloroethene	97	100	67-133	3	0-20	
Vinyl Chloride	105	102	67-133	3	0-20	
Methyl-t-Butyl Ether (MTBE)	84	92	65-131	5	0-22	
Tert-Butyl Alcohol (TBA)	106	105	62-134	0	0-20	
Diisopropyl Ether (DIPE)	102	107	64-136	4	0-29	
Ethyl-t-Butyl Ether (ETBE)	91	95	70-124	5	0-20	
Tert-Amyl-Methyl Ether (TAME)	89	92	71-125	4	0-20	
Ethanol	132	137	44-152	4	0-43	

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: 10-06-0362
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		
099-12-767-4,077	Aqueous	GC/MS RR	06/09/10	06/10/10	100609L03		
Parameter	LCS %REC	LCSD %REC	%REC CL	ME CL	RPD	RPD CL	Qualifiers
Benzene	98	95	80-120	73-127	3	0-20	
Carbon Tetrachloride	98	92	67-139	55-151	6	0-22	
Chlorobenzene	107	106	80-120	73-127	1	0-20	
1,2-Dibromoethane	115	120	80-120	73-127	4	0-20	
1,2-Dichlorobenzene	110	107	79-120	72-127	2	0-20	
1,2-Dichloroethane	108	108	80-120	73-127	0	0-20	
1,1-Dichloroethane	101	96	71-125	62-134	5	0-25	
Ethylbenzene	108	105	80-123	73-130	3	0-20	
Toluene	98	93	80-120	73-127	6	0-20	
Trichloroethene	100	96	80-120	73-127	4	0-20	
Vinyl Chloride	92	85	68-140	56-152	8	0-23	
Methyl-t-Butyl Ether (MTBE)	99	101	75-123	67-131	3	0-25	
Tert-Butyl Alcohol (TBA)	106	105	72-126	63-135	1	0-20	
Diisopropyl Ether (DIPE)	102	100	75-129	66-138	2	0-22	
Ethyl-t-Butyl Ether (ETBE)	101	100	76-124	68-132	1	0-20	
Tert-Amyl-Methyl Ether (TAME)	104	106	79-121	72-128	2	0-20	
Ethanol	104	97	53-143	38-158	7	0-25	
TPPH	85	88	65-135	53-147	3	0-30	

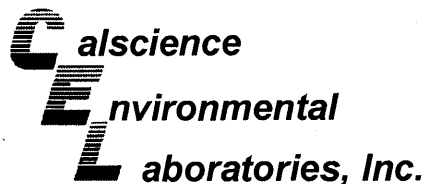
Total number of LCS compounds : 18

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: 10-06-0362
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		
099-12-767-4,083	Aqueous	GC/MS RR	06/11/10	06/11/10	100611L01		
Parameter	LCS %REC	LCSD %REC	%REC CL	ME CL	RPD	RPD CL	Qualifiers
Benzene	100	101	80-120	73-127	1	0-20	
Carbon Tetrachloride	98	100	67-139	55-151	2	0-22	
Chlorobenzene	106	107	80-120	73-127	1	0-20	
1,2-Dibromoethane	106	111	80-120	73-127	5	0-20	
1,2-Dichlorobenzene	106	107	79-120	72-127	2	0-20	
1,2-Dichloroethane	101	104	80-120	73-127	3	0-20	
1,1-Dichloroethene	103	106	71-125	62-134	2	0-25	
Ethylbenzene	108	110	80-123	73-130	2	0-20	
Toluene	97	99	80-120	73-127	2	0-20	
Trichloroethene	99	99	80-120	73-127	0	0-20	
Vinyl Chloride	92	94	68-140	56-152	3	0-23	
Methyl-t-Butyl Ether (MTBE)	93	99	75-123	67-131	6	0-25	
Tert-Butyl Alcohol (TBA)	95	101	72-126	63-135	6	0-20	
Diisopropyl Ether (DIPE)	108	111	75-129	66-138	3	0-22	
Ethyl-t-Butyl Ether (ETBE)	99	104	76-124	68-132	5	0-20	
Tert-Amyl-Methyl Ether (TAME)	98	102	79-121	72-128	4	0-20	
Ethanol	107	112	53-143	38-158	4	0-25	
TPPH	95	98	65-135	53-147	3	0-30	

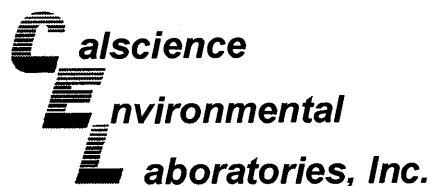
Total number of LCS compounds : 18

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: 10-06-0362
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		
099-12-767-4,096	Aqueous	GC/MS RR	06/12/10	06/13/10	100612L02		
Parameter	LCS %REC	LCSD %REC	%REC CL	ME CL	RPD	RPD CL	Qualifiers
Benzene	101	102	80-120	73-127	1	0-20	
Carbon Tetrachloride	98	102	67-139	55-151	4	0-22	
Chlorobenzene	104	107	80-120	73-127	3	0-20	
1,2-Dibromoethane	108	116	80-120	73-127	7	0-20	
1,2-Dichlorobenzene	106	107	79-120	72-127	2	0-20	
1,2-Dichloroethane	109	113	80-120	73-127	4	0-20	
1,1-Dichloroethane	108	110	71-125	62-134	2	0-25	
Ethylbenzene	109	111	80-123	73-130	2	0-20	
Toluene	96	98	80-120	73-127	2	0-20	
Trichloroethene	97	97	80-120	73-127	0	0-20	
Vinyl Chloride	87	89	68-140	56-152	2	0-23	
Methyl-t-Butyl Ether (MTBE)	100	109	75-123	67-131	9	0-25	
Tert-Butyl Alcohol (TBA)	106	106	72-126	63-135	0	0-20	
Diisopropyl Ether (DIPE)	123	128	75-129	66-138	4	0-22	
Ethyl-t-Butyl Ether (ETBE)	107	115	76-124	68-132	6	0-20	
Tert-Amyl-Methyl Ether (TAME)	103	109	79-121	72-128	6	0-20	
Ethanol	126	118	53-143	38-158	6	0-25	
TPPH	97	101	65-135	53-147	4	0-30	

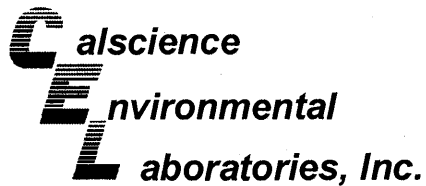
Total number of LCS compounds : 18

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: 10-06-0362
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		
099-12-767-4,093	Aqueous	GC/MS T	06/14/10	06/14/10	100614L01		
Parameter	LCS %REC	LCSD %REC	%REC CL	ME CL	RPD	RPD CL	Qualifiers
Benzene	95	99	80-120	73-127	4	0-20	
Carbon Tetrachloride	88	93	67-139	55-151	5	0-22	
Chlorobenzene	97	101	80-120	73-127	4	0-20	
1,2-Dibromoethane	97	103	80-120	73-127	6	0-20	
1,2-Dichlorobenzene	96	100	79-120	72-127	4	0-20	
1,2-Dichloroethane	91	94	80-120	73-127	3	0-20	
1,1-Dichloroethane	91	94	71-125	62-134	4	0-25	
Ethylbenzene	94	99	80-123	73-130	5	0-20	
Toluene	97	100	80-120	73-127	3	0-20	
Trichloroethene	94	97	80-120	73-127	3	0-20	
Vinyl Chloride	109	111	68-140	56-152	1	0-23	
Methyl-t-Butyl Ether (MTBE)	85	86	75-123	67-131	0	0-25	
Tert-Butyl Alcohol (TBA)	103	106	72-126	63-135	3	0-20	
Diisopropyl Ether (DIPE)	101	103	75-129	66-138	2	0-22	
Ethyl-t-Butyl Ether (ETBE)	90	92	76-124	68-132	1	0-20	
Tert-Amyl-Methyl Ether (TAME)	87	88	79-121	72-128	1	0-20	
Ethanol	121	135	53-143	38-158	11	0-25	
TPPH	93	92	65-135	53-147	2	0-30	

Total number of LCS compounds : 18

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: 10-06-0362

<u>Qualifier</u>	<u>Definition</u>
*	See applicable analysis comment.
<	Less than the indicated value.
>	Greater than the indicated value.
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 or PES/PESD 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 without further clarification.
B	Analyte was present in the associated method blank.
E	Concentration exceeds the calibration range.
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.
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.
X	% Recovery and/or RPD out-of-range.
Z	Analyte presence was not confirmed by second column or GC/MS analysis.
	Solid - Unless otherwise indicated, solid sample data is reported on a wet weight basis, not corrected for % moisture.

LAB (LOCATION)

- CALSCIENCE (_____)
- SPL (_____)
- XENCO (_____)
- TEST AMERICA (_____)
- OTHER (_____)



Shell Oil Products Chain Of Custody Record

Please Check Appropriate Box:

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

Print Bill To Contact Name:
Peter Schaefer 240733

PO # _____

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

SAP # _____

CHECK IF NO INCIDENT # APPLIES

DATE: 6/02/10

PAGE: 1 of 1

SAMPLING COMPANY: Blaine Tech Services

LOG CODE: BTSS

ADDRESS: 1680 Rogers Ave, San Jose, CA 95112

PROJECT CONTACT (Handcopy or PDF Report to): Michael Ninokata -> Copy to Shell.Lab.Billing@croworld.com

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

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

State: CA GLOBAL ID NO: T0600101805

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

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

CONSULTANT PROJECT NO: BTS # 100602-07

SAMPLER NAME(S) (Print): B. Panell

LAB USE ONLY: 06-0362

TURNAROUND TIME (CALENDAR DAYS):

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

RESULTS NEEDED ON WEEKEND

LA - RWQCB REPORT FORMAT LIST AGENCY:

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

REQUESTED ANALYSIS

LAB USE ONLY	Field Sample Identification	SAMPLING		MATRIX	PRESERVATIVE						NO. OF CONT.	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)	TEMPERATURE ON RECEIPT °C	Container PID Readings or Laboratory Notes
		DATE	TIME		HCL	HNO3	H2SO4	NONE	OTHER																	
1	MW-1	6/2/10	1130	W	X						3	X	X	X	X											
2	MW-2	6/4/10	915	W	X						3	X	X	X	X											
3	MW-3	6/2/10	1000	W	X						3	X	X	X												
4	MW-4	6/2/10	1215	W	X						3	X	X	X												
5	MW-5	6/4/10	855	W	X						3	X	X	X												
6	TBW-N	6/3/10	1015	W	X						3	X	X	X	X											
7	EW-1	6/4/10	1200	W	X						3	X	X	X												
8	EW-2	6/2/10	1040	W	X						3	X	X	X												

Relinquished by: (Signature) *B. Panell*

Relinquished by: (Signature) *[Signature]*

Relinquished by: (Signature) *[Signature]* 6-3-10 1730

Received by: (Signature) *B. Panell* (sampling custodian)

Received by: (Signature) *To Donnelly* CEC

Received by: (Signature) *[Signature]*

Date: 6/2/10 Time: 1430

Date: 6/3/10 Time: 1230

Date: 6/3/10 Time: 1030

0362

Ship From:
ALAN KEMP
CAL SCIENCE- CONCORD
5063 COMMERCIAL CIRCLE #H
CONCORD, CA 94520

Ship To:
SAMPLE RECEIVING
CEL
7440 LINCOLN WAY
GARDEN GROVE, CA 92841

COD:
\$0.00

Reference:
BTS

Delivery Instructions:

Signature Type:
SIGNATURE REQUIRED

Tracking #: 514283128



NPS

ORC

D

GARDEN GROVE

D92843A



82115442

Print Date : 06/03/10 15:59 PM

Package 1 of 2

Send Label To Printer

Print All

Edit Shipment

Finish

LABEL INSTRUCTIONS:

Do not copy or reprint this label for additional shipments - each package must have a unique barcode.

STEP 1 - Use the "Send Label to Printer" button on this page to print the shipping label on a laser or inkjet printer.

STEP 2 - Fold this page in half.

STEP 3 - Securely attach this label to your package, do not cover the barcode.

STEP 4 - Request an on-call pickup for your package, if you do not have scheduled daily pickup service or Drop-off your package at the nearest GSO drop box. Locate nearest GSO dropbox locations using this link.

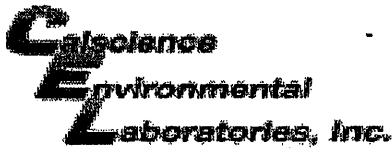
ADDITIONAL OPTIONS:

Send Label Via Email

Create Return Label

TERMS AND CONDITIONS:

By giving us your shipment to deliver, you agree to all the service terms and conditions described in this section. Our liability for loss or damage to any package is limited to your actual damages or \$100 whichever is less, unless you pay for and declare a higher authorized value. If you declare a higher value and pay the additional charge, our liability will be the lesser of your declared value or the actual value of your loss or damage. In any event, we will not be liable for any damage, whether direct, incidental, special or consequential, in excess of the declared value of a shipment whether or not we had knowledge that such damage might be incurred including but not limited to loss of income or profit. We will not be liable for your acts or omissions, including but not limited to improper or insufficient packaging, securing, marking or addressing. Also, we will not be liable if you or the recipient violates any of the terms of our agreement. We will not be liable for loss, damage or delay caused by events we cannot control, including but not limited to acts of God, perils of the air, weather conditions, act of public enemies, war, strikes, or civil commotion. The highest declared value for our GSO Priority Letter or GSO Priority Package is \$500. For other shipments the highest declared value is \$10,000 unless your package contains items of "extraordinary value", in which case the highest declared value we allow is \$500. Items of "extraordinary value" include, but or not limited to, artwork, jewelry, furs, precious metals, tickets, negotiable instruments and other items with intrinsic value.



WORK ORDER #: 10-06-0362

SAMPLE RECEIPT FORM

Cooler 1 of 1

CLIENT: Blaine Tech

DATE: 06/04/10

TEMPERATURE: Thermometer ID: SC1 (Criteria: 0.0 °C – 6.0 °C, not frozen)

Temperature 2.7 °C + 0.5 °C (CF) = 3.2 °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: JP

CUSTODY SEALS INTACT:

Cooler _____ No (Not Intact) Not Present N/A Initial: JP

Sample _____ No (Not Intact) Not Present Initial: WSC

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"/>
<input type="checkbox"/> Collection date/time, matrix, and/or # of containers logged in based on sample labels.			
<input type="checkbox"/> No analysis requested. <input type="checkbox"/> Not relinquished. <input type="checkbox"/> No date/time relinquished.			
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"/>
Proper containers and sufficient 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"/>
pH / Residual Chlorine / Dissolved Sulfide received within 24 hours.....	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Proper preservation noted on COC or sample container.....	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/> Unpreserved vials received for Volatiles analysis			
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 VOA³h VOAna₂ 125AGB 125AGBh 125AGBp 1AGB 1AGBna₂ 1AGBs

500AGB 500AGJ 500AGJs 250AGB 250CGB 250CGBs 1PB 500PB 500PBna

250PB 250PBn 125PB 125PBz₂na 100PJ 100PJna₂ _____ _____ _____

Air: Tedlar® Summa® Other: _____ Trip Blank Lot#: _____ Labeled/Checked by: WSC

Container: C: Clear A: Amber P: Plastic G: Glass J: Jar B: Bottle Z: Ziploc/Resealable Bag E: Envelope Reviewed by: YC

Preservative: h: HCL n: HNO₃ na₂:Na₂S₂O₃ na: NaOH p: H₃PO₄ s: H₂SO₄ z₂na: ZnAc₂+NaOH f: Field-filtered Scanned by: WSC

WELL GAUGING DATA

Project # 100602-BPI Date 6/02/10 Client Shell

Site 2120 Montana 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	Notes	
MW-1	0742	2		—	—	—	11.10	* 26.98	↓	I.P.	
MW-2	0901	2	TRAFFIC WELL				11.92	19.81			
MW-3	0804	2					11.71	19.92			
MW-4	0759	4					13.33	19.70			
MW-5	0820	2	TRAFFIC WELL				12.04	19.46			
TBW-N	0810	4					9.76	12.46			
EW-1	0748	4		—	—	—	11.70	* 25.69		I.P.	
EW-2	0750	4					10.63	20.32			
* DTB TAKEN @ TIME OF PURGE											
TRAFFIC WELLS GAUGED OUT OF ORDER											

SHELL WELL MONITORING DATA SHEET

BTS #: <u>100602-BP1</u>	Site: <u>2120 Montana Street Oakland</u>
Sampler: <u>BP</u>	Date: <u>6/2/10</u>
Well I.D.: <u>MW-1</u>	Well Diameter: <u>(2)</u> 3 4 6 8 _____
Total Well Depth (TD): <u>26.98</u>	Depth to Water (DTW): <u>11.10</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>14.27</u>	

Purge Method: <u>(Bailer)</u>	Waters: _____	Sampling Method: <u>(Bailer)</u>
Disposable Bailer	Peristaltic	Disposable Bailer
Positive Air Displacement	Extraction Pump	Extraction Port
Electric Submersible	Other _____	Dedicated Tubing
		Other: _____

WC: 15.88

$\underline{2.5} \text{ (Gals.)} \times \underline{3} = \underline{7.5} \text{ Gals.}$ <p style="font-size: small; margin: 0;">I 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><u>0.16</u></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"	<u>0.16</u>	6"	1.47	3"	0.37	Other	radius ² * 0.163
Well Diameter	Multiplier	Well Diameter	Multiplier														
1"	0.04	4"	0.65														
2"	<u>0.16</u>	6"	1.47														
3"	0.37	Other	radius ² * 0.163														

Time	Temp (°F)	pH	Cond. (mS or <u>(µS)</u>)	Turbidity (NTUs)	Gals. Removed	Observations
1120	66.6	6.58	1013	50	2.5	odor
1123	66.5	6.47	1005	27	5.0	↓
1126	66.4	6.48	966	16	7.5	

Did well dewater?	Yes	<u>(No)</u>	Gallons actually evacuated:	<u>7.5</u>	
Sampling Date:	<u>6/2/10</u>	Sampling Time:	<u>1130</u>	Depth to Water:	<u>11.98</u>
Sample I.D.:	<u>MW-1</u>	Laboratory:	<u>(CalScience)</u>	Columbia	Other _____
Analyzed for:	TPH-G BTEX MTBE TPH-D Oxygenates (5)	Other:	<u>SEE COL</u>		
EB I.D. (if applicable):	@ _____	Time	Duplicate I.D. (if applicable):		
Analyzed for:	TPH-G BTEX MTBE TPH-D Oxygenates (5)	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>100602-BP1</u>	Site: <u>2120 Montoma Street Oakland</u>
Sampler: <u>BP</u>	Date: <u>6/2/10</u>
Well I.D.: <u>MW-3</u>	Well Diameter: <u>(2)</u> 3 4 6 8 _____
Total Well Depth (TD): <u>19.92</u>	Depth to Water (DTW): <u>11.71</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>13.35</u>	

Purge Method: (Bailer) Waterra Sampling Method: (Bailer)

Disposable Bailer Peristaltic
 Positive Air Displacement Extraction Pump
 Electric Submersible Other _____

Other: _____

WC: 8.21

<u>1.3</u> (Gals.) X <u>3</u> = <u>3.9</u> Gals. I Case Volume Specified Volumes Calculated Volume	<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><u>(0.16)</u></td> <td>6"</td> <td>1.47</td> </tr> <tr> <td>3"</td> <td>0.37</td> <td>Other</td> <td>radius² * 0.163</td> </tr> </tbody> </table>	Well Diameter	Multiplier	Well Diameter	Multiplier	1"	0.04	4"	0.65	2"	<u>(0.16)</u>	6"	1.47	3"	0.37	Other	radius ² * 0.163
Well Diameter	Multiplier	Well Diameter	Multiplier														
1"	0.04	4"	0.65														
2"	<u>(0.16)</u>	6"	1.47														
3"	0.37	Other	radius ² * 0.163														

Time	Temp (°F)	pH	Cond. (mS or <u>(uS)</u>)	Turbidity (NTUs)	Gals. Removed	Observations
937	65.7	6.59	622	218	1.3	
940	66.2	6.39	616	460	2.6	
943	66.3	6.36	617	989	3.9	cloudy

Did well dewater? Yes (No) Gallons actually evacuated: 3.9

Sampling Date: 6/2/10 Sampling Time: 1000 Depth to Water: 13.30

Sample I.D.: MW-3 Laboratory: (CalScience) Columbia Other _____

Analyzed for: TPH-G BTEX MTBE TPH-D Oxygenates (5) Other: SEE COL

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

Analyzed for: TPH-G BTEX MTBE TPH-D Oxygenates (5) 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>1D0602-BP1</u>	Site: <u>2120 Montena Street Oakland</u>
Sampler: <u>BP</u>	Date: <u>6/2/10</u>
Well I.D.: <u>MW-5</u>	Well Diameter: <u>(2)</u> 3 4 6 8 _____
Total Well Depth (TD): <u>19.46</u>	Depth to Water (DTW): <u>12.04</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>13.52</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: _____

WC: 7.42

<u>1.2</u> (Gals.) X	<u>3</u>	<u>= 3.6</u> Gals.
I Case Volume	Specified Volumes	Calculated Volume

Well Diameter	Multiplier	Well Diameter	Multiplier
1"	0.04	4"	0.65
2"	<u>(0.16)</u>	6"	1.47
3"	0.37	Other	radius ² * 0.163

Time	Temp (°F)	pH	Cond. (mS or <u>(uS)</u>)	Turbidity (NTUs)	Gals. Removed	Observations
<u>0838</u>	<u>62.5</u>	<u>6.40</u>	<u>740</u>	<u>680</u>	<u>1.2</u>	<u>odor</u>
<u>0841</u>	<u>62.0</u>	<u>6.13</u>	<u>716</u>	<u>71000</u>	<u>2.4</u>	<u>↓</u>
<u>0844</u>	<u>61.8</u>	<u>6.07</u>	<u>709</u>	<u>71000</u>	<u>3.6</u>	

Did well dewater? Yes (No) Gallons actually evacuated: 3.6

Sampling Date: 6/2/10 Sampling Time: 0855 Depth to Water: 12.21 (Traffic)

Sample I.D.: MW-5 Laboratory: (CalScience) Columbia Other _____

Analyzed for: TPH-G BTEX MTBE TPH-D Oxygenates (5) Other: SEE COL

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

Analyzed for: TPH-G BTEX MTBE TPH-D Oxygenates (5) 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:	mV

SHELL WELL MONITORING DATA SHEET

BTS #: <u>100602-BP1</u>	Site: <u>2120 Montona Street Oakland</u>
Sampler: <u>BP</u>	Date: <u>6/2/10</u>
Well I.D.: <u>TBW-N</u>	Well Diameter: <u>3</u> <u>4</u> 6 8
Total Well Depth (TD): <u>12.46</u>	Depth to Water (DTW): <u>9.76</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>10.30</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: _____

WC: 2.70

$\frac{1.8 \text{ (Gals.)} \times 3}{\text{Specified Volumes}} = \frac{5.4 \text{ Gals.}}{\text{Calculated Volume}}$	<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><u>0.65</u></td> </tr> <tr> <td>2"</td> <td>0.16</td> <td>6"</td> <td>1.47</td> </tr> <tr> <td>3"</td> <td>0.37</td> <td>Other</td> <td>radius² * 0.163</td> </tr> </tbody> </table>	Well Diameter	Multiplier	Well Diameter	Multiplier	1"	0.04	4"	<u>0.65</u>	2"	0.16	6"	1.47	3"	0.37	Other	radius ² * 0.163
Well Diameter	Multiplier	Well Diameter	Multiplier														
1"	0.04	4"	<u>0.65</u>														
2"	0.16	6"	1.47														
3"	0.37	Other	radius ² * 0.163														

Time	Temp (°F)	pH	Cond. (mS or <u>uS</u>)	Turbidity (NTUs)	Gals. Removed	Observations
<u>1003</u>	<u>68.0</u>	<u>6.60</u>	<u>963</u>	<u>183</u>	<u>1.8</u>	
<u>1004</u>	<u>67.7</u>	<u>6.55</u>	<u>900</u>	<u>20</u>	<u>3.6</u>	
<u>1005</u>	<u>67.2</u>	<u>6.48</u>	<u>840</u>	<u>6</u>	<u>5.4</u>	<u>clear</u>

Did well dewater? Yes No Gallons actually evacuated: 5.4

Sampling Date: 6/2/10 Sampling Time: 1015 Depth to Water: 9.75

Sample I.D.: TBW-N Laboratory: CalScience Columbia Other _____

Analyzed for: TPH-G BTEX MTBE TPH-D Oxygenates (5) Other: SEE COL

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

Analyzed for: TPH-G BTEX MTBE TPH-D Oxygenates (5) 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 SITE INSPECTION CHECKLIST

Client Shell Date 4/9/10

Site Address 2120 Montana Street Oakland

Job Number 100409-BW2 Technician BW

Site Status Shell Branded Station Vacant Lot Other _____

- | | | |
|---|-------------------------------------|-------|
| Inspected / Labeled / Cleaned - all wells on Scope Of Work | <input checked="" type="checkbox"/> | |
| Inspected / Cleaned Components - all other identifiable wells | <input checked="" type="checkbox"/> | N/A |
| Inspected site for site investigation & site remediation related trip hazards | <input checked="" type="checkbox"/> | |
| Completed all outstanding <i>BLAINE Wellhead Repair Order(s)</i> | <input checked="" type="checkbox"/> | N/A |
| Completed <i>Shell Wellhead Repair Form(s)</i> | <input checked="" type="checkbox"/> | N/A |
| Inspected treatment / remediation system compound for security, cleanliness and appearance | <input checked="" type="checkbox"/> | N/A |
| Inspected vacant lot for signs of habitation, hazardous materials or terrain, overgrown vegetation and security | <input type="checkbox"/> | (N/A) |
| Visually inspected site drums for condition and proper labeling | <input checked="" type="checkbox"/> | N/A |
| Unresolved deficiencies identified - " <i>Notice of Deficient Condition</i> " form(s) completed | <input type="checkbox"/> | (N/A) |

Notes _____

PROJECT MANAGER ONLY

Checklist Reviewed	Initial/Date	Notes

SHELL WELLHEAD REPAIR FORM

(FOR REPAIR TECHNICIAN)

Site Address 2120 Montana Street Oakland Date 4/9/10
 Job Number 100409-BW2 Technician BW Page 1 of 2

Inspection Point (Well ID or description of location)	Well Inspected, Cleaned, Labeled - No Further Corrective Action Required	Replaced Cap	Replaced Lock	Replaced Lid Seal	Check Indicates deficiency										All Repairs Completed	Remaining Deficiencies Logged onto BLAINE Repair Order	Remaining Deficiencies Logged onto Notice of Deficient Condition - BLAINE Unable to Repair		
					Casing	Annular Seal	Tabs / Bolts	Box Structure	Apron	Trip Hazard	Below Grade	Not Secure by Design (12" diameter or less)	Lid not marked with words "MONITORING WELL"	Other Deficiency				Not Secure by Design (greater than 12" diameter)	Well Not Inspected (explain in notes)
MW-1								X									X		
	Notes: Retapped 3/4 Tabs																		
	Well box type / size: Round Vault Materials used: 4 bolts, 4 washers																		
MW-2		X	X					X										X	
	Notes: Heli-Coil 1/2 Tabs																		
	Well box type / size: 12" Pemco Materials used: 2 bolts																		
MW-3								X										X	
	Notes: Heli-Coil 1/2 Tabs																		
	Well box type / size: 12" Pemco Materials used: 1 bolt																		
MW-4		X						X										X	
	Notes: Heli-Coil 3/2 Tabs																		
	Well box type / size: 12" Pemco Materials used: 2 bolts																		
MW-5								X										X	
	Notes: Heli-Coil 3/2 Tabs																		
	Well box type / size: 12" Pemco Materials used: 2 bolts																		
TBW-N								X										X	
	Notes: Heli-Coil 1/4 Tabs, Retapped 3/4 Tabs - No Tag																		
	Well box type / size: Round Vault Materials used: 4 bolts, 3 washers																		
EW-1								X										X	
	Notes: Retapped 3/4 Tabs																		
	Well box type / size: Round Vault Materials used: 4 bolts, 4 washers																		

SHELL WELLHEAD REPAIR FORM

(FOR REPAIR TECHNICIAN)

Job Number 100409-BW2

Page 2 of 2

Inspection Point (Well ID or description of location)	Well Inspected, Cleaned, Labeled - No Further Corrective Action Required	Replaced Cap	Replaced Lock	Replaced Lid Seal	Check Indicates deficiency										Well Not Inspected (explain in notes)	All Repairs Completed	Remaining Deficiencies Logged onto BLAINE Repair Order	Remaining Deficiencies Logged onto Notice of Deficient Condition - BLAINE Unable to Repair			
					Casing	Annular Seal	Tabs / Bolts	Box Structure	Apron	Trip Hazard	Below Grade	Not Securable by Design (12" diameter or less)	Lid not marked with words "MONITORING WELL"	Other Deficiency					Not Securable by Design (greater than 12" diameter)		
EW-2							X											X			
	Notes: <u>Retapped 1/4 Tabs</u>																				
	Well box type / size: <u>Round Vault</u>											Materials used: <u>4 bolts, 4 washers</u>									
	Notes:																				
	Well box type / size:											Materials used:									
	Notes:																				
	Notes:																				
	Well box type / size:											Materials used:									
	Notes:																				
	Notes:																				
	Well box type / size:											Materials used:									
	Notes:																				
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SHELL WELLHEAD INSPECTION FORM

(FOR SAMPLE TECHNICIAN)

Site Address 2120 Montana St, Oakland CA Date 6/02/10
 Job Number 10602-BPI Technician BP 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	✓	✓							
MW-2	✓		✓					✓	
MW-3	✓	BP						✓	
MW-4	✓	✓	✓						
MW-5	✓	✓							
TBW-N	✓	✓						✓	
EW-1	✓	✓							
EW-2	✓	✓							

*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: _____