CONESTOGA-ROVERS & ASSOCIATES

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

TRANSMITTAL

DATE: October 28, 2009

REFERENCE NO.: 240594

PROJECT NAME: 610 Market Street, Oakland

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

RECEIVED
1:49 pm, Oct 30, 2009
Alameda County
Environmental Health

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- ☐ Prints
- ☒ Final
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QUANTITY	DESCRIPTION
1	Groundwater Monitoring Report – Third Quarter 2009

- ☐ As Requested
- ☐ For Your Use
- ☒ For Review and Comment
- ☐
- ☐

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

Copy to: Denis Brown, Shell Oil Products US, 20945 S. Wilmington Avenue, Carson, CA 90810
Virginia R. Rawson, Tr., 1860 Tice Creek Drive #1353, Walnut Creek, CA 94595
Roger Schmidt, 1224 Contra Costa Drive, El Cerrito, CA 94530
SF Data Room (electronic copy)

Completed by: Peter Schaefer Signed: Peter Schaefer

Filing: **Correspondence File**

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

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

Re: Shell-branded Service Station
610 Market Street
Oakland, California
SAP Code 135692
Incident No. 98995750
ACEH Case No. RO0000493

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,

Denis L. Brown
Project Manager

GROUNDWATER MONITORING REPORT - THIRD QUARTER 2009

SHELL-BRANDED SERVICE STATION
610 MARKET STREET
OAKLAND, CALIFORNIA

SAP CODE	135692
INCIDENT NO.	98995750
AGENCY NO.	RO0000493

Prepared by:
Conestoga-Rovers & Associates

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

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OCTOBER 28, 2009
REF. NO. 240594 (5)
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TABLE OF CONTENTS

LIST OF FIGURES
(Following Text)

LIST OF APPENDICES

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	610 Market 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.	RO0000493
Shell SAP Code	135692
Shell Incident No.	98995750

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 modified 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	Southerly to southwesterly
Hydraulic Gradient	0.003
Depth to Water	12.01 to 15.61 feet below top of well casing

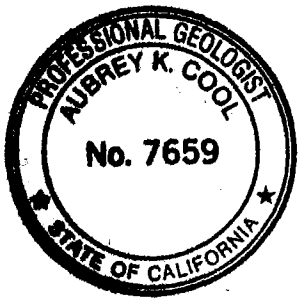
2.3 PROPOSED ACTIVITIES FOR NEXT QUARTER

Blaine will gauge and sample wells according to the established monitoring program. This site is monitored semiannually during the first and third quarters.

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

Peter Schaefer, CHG, CEG

Aubrey K. Cool, PG



FIGURES

05/01/09

0 1/8 1/4 1/2 1

SCALE : 1" = 1/4 MILE

FIGURE 1

I:\Shell\6-chars\2405-\240594 - Oakland 610 Market\240594-FIGURES\240594 VICINITY.AI

Shell-branded Service Station
610 Market Street
Oakland, California

CONESTOGA-ROVERS & ASSOCIATES

Vicinity Map

10/26/09

EXPLANATION

- MW-1 — Monitoring well
- MW-2 — Monitoring well formerly used for groundwater extraction
- T1 — Tank observation well
- Electrical line (E)
- Storm drain line (SD)
- Sanitary sewer line (SS)
- Water line (W)
- Gas line (G)
- Telecommunication line (T)
- Manhole
- Flow direction
- FL = 2.8 — Flow line elevation, in feet above mean sea level (msl)
- Groundwater extraction system piping
- INF — GWE system sampling location
- x.xx — Groundwater flow direction and gradient
- XX.XX — Groundwater elevation contour, in feet above mean sea level (msl), approximately located

Well
ELEV
Benzene
MTBE
TBA

- Well designation
- Groundwater elevation, in feet above msl
- Benzene, MTBE, TBA concentrations are in micrograms per liter

Notes:
ND = Not detected
NDa = Elevated reporting limit; see laboratory report for details
*** =** Data anomalous, not used in contouring

MARKET STREET

INTERSTATE 880 OFF-RAMP

6th STREET

7th STREET

MW-8
5.81
55
48
1,200

MW-2
6.19*
ND
2.2
4,600

MW-5
5.54
ND
1.6
180

MW-6
5.80*
NDa
NDa
35,000

MW-7
5.69
NDa
NDa
33,000

MW-1
6.09
28
28
ND

MW-3
5.74*
5.3
7.0
350

MW-4
5.43
ND
5.9
ND

MW-9
5.42
ND
16
ND

T1
T2
USTs
0.003
Dispensers
Dispensers
Kiosk
Former Dispenser Island
Car Wash
Planter
Remediation Enclosure
EFF
INF
5.75
6.00
5.50

0 15 30 60
Scale (ft)

FIGURE
2

Groundwater Contour and Chemical Concentration Map

September 2, 2009

Shell-branded Service Station
610 Market Sreet
Oakland, California

CONESTOGA-ROVERS & ASSOCIATES

t:\Shell\6-chars\2405--\240594-Oakland 610 Market\240594-REPORTS\240594-RPT5-3Q09\240594 3QM09-GW.DWG

APPENDIX A

BLAINE TECH SERVICES, INC. - GROUNDWATER MONITORING REPORT

BLAINE
TECH SERVICES INC.

GROUNDWATER SAMPLING SPECIALISTS
SINCE 1985

September 24, 2009

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

Third Quarter 2009 Groundwater Monitoring at
Shell-branded Service Station
610 Market Street
Oakland, CA

Monitoring performed on September 2, 2009

Groundwater Monitoring Report **090902-DR-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 Shell Martinez Manufacturing Complex.

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

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

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

Please call if you have any questions.

Yours truly,

Mike Ninokata
Project Manager

MN/jb

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

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

WELL CONCENTRATIONS
Shell-branded Service Station
610 Market 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)
MW-1	12/17/1998	2200	20	<10	110	420	<50	NA	NA	NA	NA	NA	21.70	13.71	7.99
MW-1	03/09/1999	4320	25.8	<10.0	338	474	<100	NA	NA	NA	NA	NA	21.70	13.03	8.67
MW-1	06/16/1999	6150	107	84.0	615	1050	<250	NA	NA	NA	NA	NA	21.70	13.82	7.88
MW-1	09/29/1999	3440	97.3	58.7	433	578	89.1	NA	NA	NA	NA	NA	21.70	14.45	7.25
MW-1	12/22/1999	1370	34.5	4.38	196	49	29.3	NA	NA	NA	NA	NA	21.70	15.39	6.31
MW-1	03/21/2000	2550	10.3	3.36	164	312	65.6	NA	NA	NA	NA	NA	21.70	11.94	9.76
MW-1	06/20/2000	4770	64.3	18.6	387	732	51.3	NA	NA	NA	NA	NA	21.70	13.15	8.55
MW-1	09/21/2000	7490	350	229	690	1490	160	NA	NA	NA	NA	NA	21.70	13.65	8.05
MW-1	11/30/2000	5410	420	168	494	1170	167	NA	NA	NA	NA	NA	21.70	14.20	7.50
MW-1	03/06/2001	965	25.7	9.14	13.3	9	<25.0	NA	NA	NA	NA	NA	21.70	12.99	8.71
MW-1	06/28/2001	5900	190	71	360	910	NA	110	NA	NA	NA	NA	21.70	13.98	7.72
MW-1	09/12/2001	7400	240	110	460	1300	NA	130	NA	NA	NA	NA	21.70	14.15	7.55
MW-1	12/12/2001	1700	100	30	120	300	NA	98	NA	NA	NA	NA	21.70	13.75	7.95
MW-1	03/08/2002	1100	63	12	74	83	NA	50	NA	NA	NA	NA	21.70	13.22	8.48
MW-1	06/06/2002	2300	95	31	130	290	NA	49	NA	NA	NA	NA	21.70	13.57	8.13
MW-1	09/09/2002	3600	150	44	200	590	NA	54	NA	NA	NA	NA	21.70	14.05	7.65
MW-1	12/12/2002	2200	130	14	120	310	NA	46	NA	NA	NA	NA	21.70	14.20	7.50
MW-1	02/26/2003	580	30	2.9	25	48	NA	27	NA	NA	NA	NA	21.70	13.57	8.13
MW-1	04/15/2003	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	21.70	13.67	8.03
MW-1	06/13/2003	440	18	6.1	33	88	NA	24	NA	NA	NA	NA	21.70	13.85	7.85
MW-1	09/26/2003	54	3.8	0.51	4.7	7.5	NA	11	NA	NA	NA	NA	21.70	14.63	7.07
MW-1	11/24/2003	120	5.6	0.87	8.4	20	NA	17	NA	NA	NA	NA	21.70	14.86	6.84
MW-1	03/01/2004	350	20	3.8	38	100	NA	18	NA	NA	NA	NA	21.70	12.85	8.85
MW-1	06/15/2004	100	1.8	<0.50	2.6	6.1	NA	15	NA	NA	NA	NA	21.70	14.27	7.43
MW-1	09/16/2004	200	20	0.75	7.8	16	NA	27	<2.0	<2.0	<2.0	<5.0	21.70	14.60	7.10
MW-1	12/29/2004	67	1.8	<0.50	1.8	3.5	NA	15	NA	NA	NA	NA	21.70	14.27	7.43
MW-1	02/28/2005	60	1.8	<0.50	1.9	3.6	NA	22	NA	NA	NA	NA	21.70	12.45	9.25
MW-1	03/23/2005	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	21.70	12.50	9.20

WELL CONCENTRATIONS
Shell-branded Service Station
610 Market 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)
MW-1	05/18/2005	92	5.3	<0.50	5.4	12	NA	9.7	NA	NA	NA	NA	21.70	12.22	9.48
MW-1	08/16/2005	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	21.70	13.51	8.19
MW-1	09/15/2005	210	16	<0.50	4.3	19	NA	19	<2.0	<2.0	<2.0	320	21.70	14.00	7.70
MW-1	10/26/2005	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	21.70	14.30	7.40
MW-1	12/13/2005	<50.0	7.55	2.14	2.39	2.73	NA	18.6	NA	NA	NA	NA	21.70	14.27	7.43
MW-1	03/08/2006	<50.0	1.95	<0.500	1.29	2.42	NA	13.6	NA	NA	NA	NA	21.70	12.10	9.60
MW-1	06/27/2006	180	22	1.9	8.0	25	NA	34	NA	NA	NA	NA	21.70	12.70	9.00
MW-1	09/25/2006	160	16	<0.50	2.1	11	NA	23	<1.0	<1.0	<1.0	<10	21.70	14.07	7.63
MW-1	12/21/2006	120	3.2	<0.50	<0.50	<1.0	NA	27	NA	NA	NA	NA	21.70	14.27	7.43
MW-1	03/20/2007	<50	1.8	<0.50	<0.50	<1.0	NA	15	NA	NA	NA	NA	21.70	13.61	8.09
MW-1	06/18/2007	98	7.5	0.27 p	0.52 p	1.4	NA	19	NA	NA	NA	NA	21.70	14.42	7.28
MW-1	08/30/2007	94 r	6.6	<1.0	<1.0	0.82 p	NA	19	<2.0	<2.0	<2.0	<10	21.70	14.84	6.86
MW-1	12/28/2007	67 r	4.8	<1.0	<1.0	<1.0	NA	23	NA	NA	NA	NA	21.70	15.01	6.69
MW-1	03/26/2008	<50	3.7	<1.0	<1.0	<1.0	NA	12	NA	NA	NA	NA	21.70	14.16	7.54
MW-1	05/29/2008	310	20	1.3	13	39	NA	22	NA	NA	NA	NA	21.70	14.76	6.94
MW-1	09/25/2008	66	3.8	<1.0	<1.0	<1.0	NA	14	<2.0	<2.0	<2.0	<10	21.70	15.31	6.39
MW-1	12/16/2008	<50	2.6	<1.0	<1.0	<1.0	NA	17	NA	NA	NA	NA	21.70	14.30	7.40
MW-1	02/26/2009	79	5.9	<1.0	<1.0	<1.0	NA	20	NA	NA	NA	NA	21.70	14.51	7.19
MW-1	05/26/2009	160	15	<1.0	6.2	15	NA	28	NA	NA	NA	NA	21.70	14.74	6.96
MW-1	**09/02/2009**	**220**	**28**	**<1.0**	**<1.0**	**22**	**NA**	**28**	**<2.0**	**<2.0**	**<2.0**	**<10**	**21.70**	**15.61**	**6.09**
MW-2	12/17/1998	<5000	<50	<50	<50	<50	11000	NA	NA	NA	NA	NA	19.61	12.07	7.54
MW-2	03/09/1999	<250	5.20	<2.50	<2.50	<2.50	9870	NA	NA	NA	NA	NA	19.61	11.46	8.15
MW-2	06/16/1999	<50.0	0.569	<0.500	<0.500	<0.500	3440	NA	NA	NA	NA	NA	19.61	12.26	7.35
MW-2	09/29/1999	58.6	2.51	0.978	<0.500	<0.500	3930	NA	NA	NA	NA	NA	19.61	12.51	7.10
MW-2	12/22/1999	<2000	50.4	<20.0	<20.0	<20.0	15000	NA	NA	NA	NA	NA	19.61	13.40	6.21
MW-2	03/21/2000	<5000	94.7	<50.0	<50.0	<50.0	13900	NA	NA	NA	NA	NA	19.61	10.36	9.25
MW-2	06/20/2000	101	5.95	<0.500	<0.500	0.552	7670	NA	NA	NA	NA	NA	19.61	11.12	8.49

WELL CONCENTRATIONS
Shell-branded Service Station
610 Market 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)
MW-2	09/21/2000	<2000	<20.0	<20.0	<20.0	<20.0	4460	NA	NA	NA	NA	NA	19.61	11.95	7.66
MW-2	11/30/2000	81.1	4.46	0.924	0.841	3.23	3450	NA	NA	NA	NA	NA	19.61	12.48	7.13
MW-2	03/06/2001	<500	183	<5.00	<5.00	<5.00	14000	NA	NA	NA	NA	NA	19.61	11.10	8.51
MW-2	06/28/2001	<1000	<10	<10	<10	<10	NA	4200	NA	NA	NA	NA	19.61	12.40	7.21
MW-2	09/12/2001	<2000	120	<20	<20	<20	NA	17000	NA	NA	NA	NA	19.61	12.45	7.16
MW-2	12/12/2001	<1000	<10	<10	<10	<10	NA	3000	NA	NA	NA	NA	19.61	12.14	7.47
MW-2	03/08/2002	<250	<2.5	<2.5	<2.5	<2.5	NA	1100	NA	NA	NA	NA	19.61	11.68	7.93
MW-2	06/06/2002	<500	<5.0	<5.0	<5.0	<5.0	NA	2000	NA	NA	NA	NA	19.61	11.95	7.66
MW-2	09/09/2002	<200	<2.0	<2.0	<2.0	<2.0	NA	740	NA	NA	NA	NA	19.62	12.38	7.24
MW-2	12/12/2002	<200	<2.0	<2.0	<2.0	<2.0	NA	1000	NA	NA	NA	NA	19.62	12.40	7.22
MW-2	02/26/2003	<500	<5.0	<5.0	<5.0	<5.0	NA	1600	NA	NA	NA	NA	19.62	12.69	6.93
MW-2	04/15/2003	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	19.62	12.81	6.81
MW-2	06/13/2003	<500	<5.0	<5.0	<5.0	<10	NA	790	NA	NA	NA	NA	19.62	12.65	6.97
MW-2	09/26/2003	<250	<2.5	<2.5	<2.5	<5.0	NA	250	NA	NA	NA	NA	18.20	12.95	5.25
MW-2	11/24/2003	<50	<0.50	<0.50	<0.50	<1.0	NA	87	NA	NA	NA	NA	18.20	12.89	5.31
MW-2	03/01/2004	<50	<0.50	<0.50	<0.50	<1.0	NA	35	NA	NA	NA	NA	18.20	10.08	8.12
MW-2	06/15/2004	66 b	<0.50	<0.50	<0.50	<1.0	NA	110	NA	NA	NA	NA	18.20	12.85	5.35
MW-2	09/16/2004	<50	<0.50	<0.50	<0.50	<1.0	NA	26	<2.0	<2.0	<2.0	<5.0	18.20	12.00	6.20
MW-2	12/29/2004	<50	<0.50	0.73	<0.50	<1.0	NA	43	NA	NA	NA	NA	18.20	11.60	6.60
MW-2	02/28/2005	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	18.20	9.71	8.49
MW-2	03/23/2005	340 f	3.9	<2.0	<2.0	<4.0	NA	370	NA	NA	NA	NA	18.20	10.10	8.10
MW-2	05/18/2005	<100	4.6	<1.0	<1.0	3.3	NA	160	NA	NA	NA	NA	18.20	10.21	7.99
MW-2	08/16/2005	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	18.20	10.53	7.67
MW-2	09/15/2005	<50	<0.50	<0.50	<0.50	<1.0	NA	11	<2.0	<2.0	<2.0	520	18.20	11.98	6.22
MW-2	10/26/2005	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	18.20	11.38	6.82
MW-2	12/13/2005	<50.0	<0.500	1.66	<0.500	<0.500	NA	2.11	NA	NA	NA	NA	18.20	10.71	7.49
MW-2	03/08/2006	<50.0	<0.500	<0.500	<0.500	<0.500	NA	<0.500	NA	NA	NA	NA	18.20	9.50	8.70
MW-2	06/27/2006	<100 m	<1.0 m	<1.0 m	<1.0 m	<1.0 m	NA	9.1 m	NA	NA	NA	NA	18.20	9.73	8.47

WELL CONCENTRATIONS
Shell-branded Service Station
610 Market 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)
MW-2	09/25/2006	83 n	<2.5	<2.5	<2.5	<5.0	NA	<5.0	<5.0	<5.0	<5.0	4500	18.20	11.08	7.12
MW-2	12/21/2006	160	<0.50	<0.50	<0.50	<1.0	NA	1.6	NA	NA	NA	NA	18.20	11.30	6.90
MW-2	03/20/2007	<50	0.98	<0.50	<0.50	<1.0	NA	18	NA	NA	NA	NA	18.20	10.76	7.44
MW-2	06/18/2007	86 q	<0.50	<1.0	<1.0	<1.0	NA	2.4	NA	NA	NA	NA	18.20	11.35	6.85
MW-2	08/30/2007	110 r	<0.50	<1.0	<1.0	<1.0	NA	2.2	6.3	0.30 p	<2.0	2700	18.20	11.80	6.40
MW-2	12/28/2007	<50 r	<2.5	<5.0	<5.0	<5.0	NA	2.1 p	NA	NA	NA	NA	18.20	11.69	6.51
MW-2	03/26/2008	<50	<0.50	<1.0	<1.0	<1.0	NA	<1.0	NA	NA	NA	NA	18.20	11.23	6.97
MW-2	05/29/2008	130	<0.50	<1.0	<1.0	<1.0	NA	3.0	NA	NA	NA	NA	18.20	11.83	6.37
MW-2	09/25/2008	380	<0.50	<1.0	<1.0	<1.0	NA	3.7	7.9	<2.0	<2.0	4200	18.20	13.21	4.99
MW-2	12/16/2008	220	<1.0	<2.0	<2.0	<2.0	NA	2.1	NA	NA	NA	NA	18.20	12.40	5.80
MW-2	02/26/2009	<50	<0.50	<1.0	<1.0	<1.0	NA	1.9	NA	NA	NA	NA	18.20	10.56	7.64
MW-2	05/26/2009	140	<0.50	<1.0	<1.0	<1.0	NA	2.6	NA	NA	NA	NA	18.20	11.03	7.17
MW-2	**09/02/2009**	**270**	**<0.50**	**<1.0**	**<1.0**	**<1.0**	**NA**	**2.2**	**4.9**	**<2.0**	**<2.0**	**4600**	**18.20**	**12.01**	**6.19**
MW-3	12/17/1998	30000	890	110	2100	4300	42000	43000	NA	NA	NA	NA	19.05	11.65	7.40
MW-3	03/09/1999	22700	536	<200	1030	1510	35400	38500	NA	NA	NA	NA	19.05	11.03	8.02
MW-3	06/16/1999	19300	625	129	805	1210	42400	51600	NA	NA	NA	NA	19.05	11.89	7.16
MW-3	09/29/1999	20200	727	155	1000	1180	84100	136000 a	NA	NA	NA	NA	19.05	12.35	6.70
MW-3	12/22/1999	44500	767	64.4	1810	2090	191000	186000 a	NA	NA	NA	NA	19.05	13.45	5.60
MW-3	03/21/2000	<25000	466	<250	727	2280	126000	155000	NA	NA	NA	NA	19.05	10.00	9.05
MW-3	06/20/2000	16200	1140	98.8	1140	1410	579000	376000 a	NA	NA	NA	NA	19.05	11.15	7.90
MW-3	09/21/2000	<50000	712	<500	520	795	293000	298000	NA	NA	NA	NA	19.05	11.58	7.47
MW-3	11/30/2000	18000	1050	124	1120	2010	543000 a	403000 a	NA	NA	NA	NA	19.05	12.10	6.95
MW-3	03/06/2001	19900	1290	115	1450	1760	706000	149000	NA	NA	NA	NA	19.05	11.00	8.05
MW-3	06/28/2001	<50000	1200	<250	1100	1300	NA	610000	NA	NA	NA	NA	19.05	11.96	7.09
MW-3	09/12/2001	<20000	430	<200	230	480	NA	390000	NA	NA	NA	NA	19.05	12.05	7.00
MW-3	10/23/2001	11000	350	<100	210	440	NA	290000	NA	NA	NA	NA	19.05	12.62	6.43
MW-3	12/12/2001	<20000	280	<200	<200	<200	NA	160000	NA	NA	NA	NA	19.05	11.83	7.22

WELL CONCENTRATIONS
Shell-branded Service Station
610 Market 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)
MW-3	03/08/2002	<20000	270	<200	<200	<200	NA	340000	NA	NA	NA	NA	19.05	11.26	7.79
MW-3	06/06/2002	<50000	290	<250	<250	<250	NA	290000	NA	NA	NA	NA	19.05	11.50	7.55
MW-3	09/09/2002	<20000	<200	<200	<200	<200	NA	230000	NA	NA	NA	NA	19.06	11.92	7.14
MW-3	12/12/2002	<50000	<200	<200	<200	<500	NA	190000	NA	NA	NA	NA	19.06	10.95	8.11
MW-3	02/26/2003	<25000	<250	<250	<250	<250	NA	210000	NA	NA	NA	NA	19.06	15.01	4.05
MW-3	04/15/2003	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	19.06	15.12	3.94
MW-3	06/13/2003	<25000	<250	<250	<250	<500	NA	27000	NA	NA	NA	NA	19.06	15.25	3.81
MW-3	09/26/2003	<10000	<100	<100	<100	<200	NA	15000	NA	NA	NA	NA	18.08	16.65 c	NA
MW-3	11/24/2003	<10000	<100	<100	<100	<200	NA	9900	NA	NA	NA	NA	18.08	15.13	2.95
MW-3	03/01/2004	<10000	<100	<100	<100	<200	NA	8000	NA	NA	NA	NA	18.08	9.97	8.11
MW-3	06/15/2004	<10000	<100	<100	<100	<200	NA	6900	NA	NA	NA	NA	18.08	15.05	3.03
MW-3	09/16/2004	<500	<5.0	<5.0	<5.0	<10	NA	1000	<20	<20	<20	75	18.08	14.70	3.38
MW-3	12/29/2004	<250	2.8	<2.5	<2.5	<5.0	NA	580	NA	NA	NA	NA	18.08	14.83	3.25
MW-3	02/28/2005	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	18.08	9.60	8.48
MW-3	03/23/2005	<1000	<10	<10	<10	<20	NA	1500	NA	NA	NA	NA	18.08	12.68	5.40
MW-3	05/18/2005	1200	49	<10	47	<20	NA	3400	NA	NA	NA	NA	18.08	10.60	7.48
MW-3	08/16/2005	NA	NA	NA	NA	NA	NA	330	NA	NA	NA	NA	18.08	15.22	2.86
MW-3	09/15/2005	<1000	<10	<10	<10	<20	NA	140	<40	<40	<40	180	18.08	15.30	2.78
MW-3	10/26/2005	NA	NA	NA	NA	NA	NA	48	NA	NA	NA	NA	18.08	15.00	3.08
MW-3	12/13/2005	482	4.56	1.64 h	<0.500	<0.500	NA	72.5	NA	NA	NA	273	18.08	11.18	6.90
MW-3	03/08/2006	627	2.62	<0.500	1.71	1.25	NA	175	NA	NA	NA	483	18.08	14.95	3.13
MW-3	06/27/2006	530	8.3	<2.5	9.5	3.5	NA	100	NA	NA	NA	NA	18.08	14.63	3.45
MW-3	09/25/2006	520	12	<2.5	6.5	<5.0	NA	110	<5.0	<5.0	<5.0	2900	18.08	11.23	6.85
MW-3	12/21/2006	120	2.2	<0.50	<0.50	<1.0	NA	1.7	NA	NA	NA	120	18.08	11.22	6.86
MW-3	03/20/2007	150	0.96	1.2	<0.50	<1.0	NA	19	NA	NA	NA	300	18.08	11.35	6.73
MW-3	06/18/2007	180	2.2	<1.0	<1.0	<1.0	NA	14	NA	NA	NA	780	18.08	11.22	6.86
MW-3	08/30/2007	200 r	3.5	<1.0	<1.0	0.29 p	NA	29	<2.0	<2.0	<2.0	1500	18.08	13.59	4.49
MW-3	12/28/2007	140 r	2.7	0.34 p	<1.0	<1.0	NA	<1.0	NA	NA	NA	98	18.08	11.79	6.29

WELL CONCENTRATIONS
Shell-branded Service Station
610 Market 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)
MW-3	03/26/2008	120	1.3	1.6	<1.0	<1.0	NA	3.4	NA	NA	NA	150	18.08	11.05	7.03
MW-3	05/29/2008	130	2.4	<1.0	<1.0	<1.0	NA	6.0	NA	NA	NA	250	18.08	11.69	6.39
MW-3	09/25/2008	410	9.3	<1.0	<1.0	<1.0	NA	13	<2.0	<2.0	<2.0	1200	18.08	12.00	6.08
MW-3	12/16/2008	410	14	<1.0	<1.0	<1.0	NA	5.5	NA	NA	NA	560	18.08	11.71	6.37
MW-3	02/26/2009	640	3.1	<1.0	<1.0	<1.0	NA	1.3	NA	NA	NA	10	18.08	10.71	7.37
MW-3	05/26/2009	250	1.8	<1.0	<1.0	<1.0	NA	2.2	NA	NA	NA	59	18.08	11.53	6.55
MW-3	**09/02/2009**	**260**	**5.3**	**<1.0**	**<1.0**	**<1.0**	**NA**	**7.0**	**<2.0**	**<2.0**	**<2.0**	**350**	**18.08**	**12.34**	**5.74**
MW-4	05/13/2002	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	10.64	NA
MW-4	05/20/2002	<1000	<10	<10	<10	<10	NA	4600	NA	NA	NA	NA	NA	10.64	NA
MW-4	06/06/2002	<1000	<10	<10	<10	<10	NA	4800	NA	NA	NA	NA	NA	10.61	NA
MW-4	09/09/2002	Unable to sample		NA	NA	NA	NA	NA	NA	NA	NA	NA	18.03	11.07	6.96
MW-4	09/18/2002	<250	<2.5	<2.5	<2.5	<2.5	NA	1000	NA	NA	NA	NA	18.03	11.15	6.88
MW-4	12/12/2002	<100	<1.0	<1.0	<1.0	<1.0	NA	370	NA	NA	NA	NA	18.03	11.13	6.90
MW-4	02/26/2003	<50	<0.50	<0.50	<0.50	<0.50	NA	<5.0	NA	NA	NA	NA	18.03	10.61	7.42
MW-4	04/15/2003	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	18.03	10.73	7.30
MW-4	06/13/2003	180 b	<0.50	110	<0.50	<1.0	NA	2.3	NA	NA	NA	NA	18.03	10.88	7.15
MW-4	09/26/2003	<5000	<50	<50	<50	<100	NA	13000	NA	NA	NA	NA	18.03	11.58	6.45
MW-4	11/24/2003	<13000	<130	<130	<130	<250	NA	11000	NA	NA	NA	NA	18.03	11.78	6.25
MW-4	03/01/2004	<50	<0.50	<0.50	<0.50	<1.0	NA	<0.50	NA	NA	NA	NA	18.03	9.47	8.56
MW-4	06/15/2004	<500	<5.0	<5.0	<5.0	<10	NA	630	NA	NA	NA	NA	18.03	11.38	6.65
MW-4	09/16/2004	<100	<1.0	12	<1.0	<2.0	NA	280	<4.0	<4.0	<4.0	280	18.03	11.80	6.23
MW-4	12/29/2004	<50	<0.50	<0.50	<0.50	<1.0	NA	<0.50	NA	NA	NA	NA	18.03	10.63	7.40
MW-4	02/28/2005	<50	<0.50	<0.50	<0.50	<1.0	NA	<0.50	NA	NA	NA	NA	18.03	9.20	8.83
MW-4	03/23/2005	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	18.03	9.43	8.60
MW-4	05/18/2005	1900	<5.0	<5.0	16	97	NA	910	NA	NA	NA	NA	18.03	9.75	8.28
MW-4	08/16/2005	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	18.03	10.85	7.18
MW-4	09/15/2005	<2500	<25	<25	<25	85	NA	5100	<100	<100	<100	400	18.03	11.30	6.73

WELL CONCENTRATIONS
Shell-branded Service Station
610 Market 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)
MW-4	10/26/2005	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	18.03	11.45	6.58
MW-4	12/13/2005	3480	<0.500	1.54 h	<0.500	<0.500	NA	2490 j	NA	NA	NA	201	18.03	11.70	6.33
MW-4	03/08/2006	1560	<0.500	0.910	<0.500	3.39	NA	0.870	NA	NA	NA	<10.0	18.03	9.25	8.78
MW-4	06/27/2006	75	<0.50	18	<0.50	<0.50	NA	63	NA	NA	NA	<20	18.03	10.12	7.91
MW-4	09/25/2006	670 n	<10	<10	<10	<20	NA	1400	<20	<20	<20	430	18.03	11.23	6.80
MW-4	12/21/2006	<50	<0.50	<0.50	<0.50	<1.0	NA	2.0	NA	NA	NA	6.8	18.03	10.37	7.66
MW-4	03/20/2007	<50	<0.50	<0.50	<0.50	<1.0	NA	<1.0	NA	NA	NA	<10	18.03	9.84	8.19
MW-4	06/18/2007	<50	<0.50	<1.0	<1.0	<1.0	NA	<1.0	NA	NA	NA	7.1 p	18.03	10.62	7.41
MW-4	08/30/2007	<50 r	<0.50	<1.0	<1.0	<1.0	NA	<1.0	<2.0	<2.0	<2.0	<10	18.03	11.93	6.10
MW-4	12/28/2007	160 r, q	<0.50	130	<1.0	<1.0	NA	<1.0	NA	NA	NA	<10	18.03	11.97	6.06
MW-4	03/26/2008	<50	<0.50	<1.0	<1.0	<1.0	NA	<1.0	NA	NA	NA	<10	18.03	11.34	6.69
MW-4	05/29/2008	<50	<0.50	<1.0	<1.0	<1.0	NA	3.4	NA	NA	NA	<10	18.03	11.87	6.16
MW-4	09/25/2008	<50	<0.50	1.3	<1.0	<1.0	NA	4.5	<2.0	<2.0	<2.0	<10	18.03	12.35	5.68
MW-4	12/16/2008	630	<0.50	360	<1.0	<1.0	NA	<1.0	NA	NA	NA	<10	18.03	12.47	5.56
MW-4	02/26/2009	<50	<0.50	<1.0	<1.0	<1.0	NA	<1.0	NA	NA	NA	<10	18.03	10.29	7.74
MW-4	05/26/2009	<50	<0.50	3.6	<1.0	<1.0	NA	<1.0	NA	NA	NA	<10	18.03	11.74	6.29
MW-4	**09/02/2009**	**<50**	**<0.50**	**<1.0**	**<1.0**	**<1.0**	**NA**	**5.9**	**<2.0**	**<2.0**	**<2.0**	**<10**	**18.03**	**12.60**	**5.43**
MW-5	05/13/2002	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	10.40	NA
MW-5	05/20/2002	<2500	<25	<25	<25	<25	NA	17000	NA	NA	NA	NA	NA	10.41	NA
MW-5	06/06/2002	<5000	<50	<50	<50	<50	NA	15000	NA	NA	NA	NA	NA	10.36	NA
MW-5	09/09/2002	Unable to sample		NA	NA	NA	NA	NA	NA	NA	NA	NA	17.78	10.82	6.96
MW-5	09/18/2002	<2500	<25	<25	<25	<25	NA	16000	NA	NA	NA	NA	17.78	10.81	6.97
MW-5	12/12/2002	<2500	<25	<25	<25	<25	NA	13000	NA	NA	NA	NA	17.78	10.83	6.95
MW-5	02/26/2003	<2000	<20	<20	<20	<20	NA	7500	NA	NA	NA	NA	17.78	10.57	7.21
MW-5	04/15/2003	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	17.78	10.69	7.09
MW-5	06/13/2003	<2500	<25	<25	<25	<50	NA	4400	NA	NA	NA	NA	17.78	10.82	6.96
MW-5	09/26/2003	<2500	<25	<25	<25	<50	NA	4700	NA	NA	NA	NA	17.78	11.49	6.29

WELL CONCENTRATIONS
Shell-branded Service Station
610 Market 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)
MW-5	11/24/2003	<10000	<100	<100	<100	<200	NA	7100	NA	NA	NA	NA	17.78	11.70	6.08
MW-5	03/01/2004	<2000	<20	<20	<20	<40	NA	2800	NA	NA	NA	NA	17.78	9.68	8.10
MW-5	06/15/2004	<2000	<20	<20	<20	<40	NA	2100	NA	NA	NA	NA	17.78	11.28	6.50
MW-5	09/16/2004	<2000	<20	<20	<20	<40	NA	2200	<80	<80	<80	2800	17.78	11.62	6.16
MW-5	12/29/2004	<2000	<20	<20	<20	<40	NA	3700	NA	NA	NA	NA	17.78	11.11	6.67
MW-5	02/28/2005	<200	<2.0	<2.0	<2.0	<4.0	NA	740	NA	NA	NA	NA	17.78	9.50	8.28
MW-5	03/23/2005	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	17.78	9.70	8.08
MW-5	05/18/2005	<50 g	<0.50	<0.50	<0.50	<1.0	NA	180	NA	NA	NA	NA	17.78	9.49	8.29
MW-5	06/17/2005	NA	NA	NA	NA	NA	NA	270	NA	NA	NA	NA	17.78	9.89	7.89
MW-5	07/15/2005	NA	NA	NA	NA	NA	NA	350	NA	NA	NA	NA	17.78	10.20	7.58
MW-5	08/16/2005	NA	NA	NA	NA	NA	NA	270	NA	NA	NA	NA	17.78	10.50	7.28
MW-5	09/15/2005	<250	<2.5	<2.5	<2.5	<5.0	NA	500	<10	<10	<10	670	17.78	10.96	6.82
MW-5	10/26/2005	NA	NA	NA	NA	NA	NA	260	NA	NA	NA	NA	17.78	11.22	6.56
MW-5	12/13/2005	438	<0.500	1.49 h	<0.500	<0.500	NA	167	NA	NA	NA	452	17.78	11.05	6.73
MW-5	03/08/2006	330	<0.500	<0.500	<0.500	<0.500	NA	169	NA	NA	NA	206	17.78	9.30	8.48
MW-5	06/27/2006	<50	<0.50	<0.50	<0.50	<0.50	NA	60	NA	NA	NA	75	17.78	9.83	7.95
MW-5	09/25/2006	<50	<0.50	<0.50	<0.50	<1.0	NA	22	<1.0	<1.0	<1.0	<10	17.78	10.96	6.82
MW-5	12/21/2006	<50	<0.50	<0.50	<0.50	<1.0	NA	2.4	NA	NA	NA	<5.0	17.78	11.00	6.78
MW-5	03/20/2007	<50	<0.50	<0.50	<0.50	<1.0	NA	1.7	NA	NA	NA	<10	17.78	10.51	7.27
MW-5	06/18/2007	<50	<0.50	<1.0	<1.0	<1.0	NA	2.0	NA	NA	NA	61	17.78	11.18	6.60
MW-5	08/30/2007	<50 r	<0.50	<1.0	<1.0	<1.0	NA	2.3	<2.0	<2.0	<2.0	170	17.78	11.65	6.13
MW-5	12/28/2007	<50 r	<0.50	<1.0	<1.0	<1.0	NA	3.0	NA	NA	NA	830	17.78	11.90	5.88
MW-5	03/26/2008	<50	<0.50	<1.0	<1.0	<1.0	NA	1.7	NA	NA	NA	55	17.78	11.11	6.67
MW-5	05/29/2008	65	<0.50	<1.0	<1.0	<1.0	NA	3.9	NA	NA	NA	940	17.78	11.52	6.26
MW-5	09/25/2008	64	<0.50	<1.0	<1.0	<1.0	NA	3.3	<2.0	<2.0	<2.0	560	17.78	12.00	5.78
MW-5	12/16/2008	63	<0.50	<1.0	<1.0	<1.0	NA	3.3	NA	NA	NA	850	17.78	12.30	5.48
MW-5	02/26/2009	<50	<0.50	<1.0	<1.0	<1.0	NA	2.1	NA	NA	NA	850	17.78	11.08	6.70
MW-5	05/26/2009	<50	<0.50	<1.0	<1.0	<1.0	NA	1.2	NA	NA	NA	19	17.78	11.43	6.35

WELL CONCENTRATIONS
Shell-branded Service Station
610 Market 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)
MW-5	**09/02/2009**	**<50**	**<0.50**	**<1.0**	**<1.0**	**<1.0**	**NA**	**1.6**	**<2.0**	**<2.0**	**<2.0**	**180**	**17.78**	**12.24**	**5.54**
MW-6	03/28/2003	Well inaccessible		NA	NA	NA	NA	NA	NA	NA	NA	NA	18.10	NA	NA
MW-6	04/07/2003	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	18.10	13.80	4.30
MW-6	04/15/2003	14000	<250	<250	<250	<500	NA	41000	NA	NA	NA	NA	18.10	15.05	3.05
MW-6	06/13/2003	<10000	<100	<100	<100	<200	NA	27000	NA	NA	NA	NA	18.10	14.42	3.68
MW-6	09/26/2003	<5000	<50	<50	<50	<100	NA	11000	NA	NA	NA	NA	18.05	18.35 c	NA
MW-6	11/24/2003	<10000	<100	<100	<100	<200	NA	5000	NA	NA	NA	NA	18.05	14.68	3.37
MW-6	03/01/2004	<1000	<10	<10	<10	<20	NA	2500	NA	NA	NA	NA	18.05	9.84	8.21
MW-6	06/15/2004	<1000	<10	<10	<10	<20	NA	2800	NA	NA	NA	NA	18.05	14.82	3.23
MW-6	09/16/2004	<1000	<10	<10	<10	<20	NA	830	<40	<40	<40	610	18.05	14.20	3.85
MW-6	12/29/2004	<200	<2.0	<2.0	<2.0	<4.0	NA	530	NA	NA	NA	NA	18.05	14.78	3.27
MW-6	02/28/2005	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	18.05	9.58	8.47
MW-6	03/23/2005	290 f	<2.0	<2.0	<2.0	<4.0	NA	590	NA	NA	NA	NA	18.05	14.22	3.83
MW-6	05/18/2005	390	8.7	<0.50	0.93	9.0	NA	68	NA	NA	NA	NA	18.05	9.79	8.26
MW-6	08/16/2005	NA	NA	NA	NA	NA	NA	34	NA	NA	NA	NA	18.05	10.64	7.41
MW-6	09/15/2005	<500	<5.0	<5.0	<5.0	<10	NA	45	<20	<20	<20	21000 e	18.05	11.83	6.22
MW-6	10/26/2005	NA	NA	NA	NA	NA	NA	31	NA	NA	NA	NA	18.05	11.31	6.74
MW-6	12/13/2005	982	<0.500	1.36 h	<0.500	<0.500	NA	35.1	NA	NA	NA	11300 i	18.05	11.22	6.83
MW-6	03/08/2006	2110	<0.500	<0.500	<0.500	<0.500	NA	29.6	NA	NA	NA	21800	18.05	9.50	8.55
MW-6	06/27/2006	510	<0.50	<0.50	<0.50	<0.50	NA	94	NA	NA	NA	<20	18.05	9.84	8.21
MW-6	09/25/2006	730 n	<25	<25	<25	<50	NA	<50	<50	<50	<50	16000	18.05	11.08	6.97
MW-6	12/21/2006	890	<0.50	<0.50	<0.50	<1.0	NA	30	NA	NA	NA	33000	18.05	11.12	6.93
MW-6	03/20/2007	<1200 o	<12	<12	<12	<25	NA	30	NA	NA	NA	33000	18.05	10.66	7.39
MW-6	06/18/2007	400	<0.50	<1.0	<1.0	<1.0	NA	34	NA	NA	NA	82000	18.05	11.30	6.75
MW-6	08/30/2007	650 r	<50	<100	<100	<100	NA	38 p	<200	<200	<200	32000	18.05	11.81	6.24
MW-6	12/28/2007	170 r	<25	<50	<50	<50	NA	28 p	NA	NA	NA	36000	18.05	11.97	6.08
MW-6	03/26/2008	1300	<5.0	<10	<10	<10	NA	26	NA	NA	NA	36000	18.05	10.83	7.22

WELL CONCENTRATIONS
Shell-branded Service Station
610 Market 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)
MW-6	05/29/2008	2500	<25	<50	<50	<50	NA	<50	NA	NA	NA	41000	18.05	11.80	6.25
MW-6	09/25/2008	4100	<25	<50	<50	<50	NA	<50	<100	<100	<100	44000	18.05	12.23	5.82
MW-6	12/16/2008	1900	<10	<20	<20	<20	NA	<20	NA	NA	NA	28000	18.05	12.40	5.65
MW-6	02/26/2009	1500	<10	<20	<20	<20	NA	<20	NA	NA	NA	27000	18.05	11.05	7.00
MW-6	05/26/2009	1500	<10	<20	<20	<20	NA	<20	NA	NA	NA	29000	18.05	11.52	6.53
MW-6	**09/02/2009**	**1800**	**<10**	**<20**	**<20**	**<20**	**NA**	**<20**	**<40**	**<40**	**<40**	**35000**	**18.05**	**12.25**	**5.80**
MW-7	03/28/2003	Well inaccessible		NA	NA	NA	NA	NA	NA	NA	NA	NA	19.16	NA	NA
MW-7	04/07/2003	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	19.16	13.85	5.31
MW-7	04/15/2003	6000	<100	<100	<100	<200	NA	19000	NA	NA	NA	NA	19.16	13.95	5.21
MW-7	06/13/2003	<5000	<50	<50	<50	<100	NA	5700	NA	NA	NA	NA	19.16	13.92	5.24
MW-7	09/26/2003	<250	<2.5	<2.5	<2.5	<5.0	NA	110	NA	NA	NA	NA	19.13	13.85	5.28
MW-7	11/24/2003	<50	<0.50	0.59	<0.50	1.7	NA	7.6	NA	NA	NA	NA	19.13	13.99	5.14
MW-7	03/01/2004	67 b	<0.50	<0.50	<0.50	<1.0	NA	120	NA	NA	NA	NA	19.13	10.85	8.28
MW-7	06/15/2004	120 b	<0.50	<0.50	<0.50	<1.0	NA	89	NA	NA	NA	NA	19.13	13.27	5.86
MW-7	09/16/2004	<500	<5.0	<5.0	<5.0	<10	NA	130	<20	<20	<20	4700	19.13	12.83	6.30
MW-7	12/29/2004	<500	<5.0	<5.0	<5.0	<10	NA	130	NA	NA	NA	NA	19.13	11.82	7.31
MW-7	02/28/2005	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	19.13	10.59	8.54
MW-7	03/23/2005	<1000	<10	<10	<10	<20	NA	16	NA	NA	NA	NA	19.13	11.16	7.97
MW-7	05/18/2005	67 g	<0.50	<0.50	<0.50	<1.0	NA	12	NA	NA	NA	NA	19.13	10.42	8.71
MW-7	08/16/2005	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	19.13	11.52	7.61
MW-7	09/15/2005	<500	<5.0	<5.0	<5.0	<10	NA	75	<20	<20	<20	16000	19.13	11.95	7.18
MW-7	10/26/2005	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	19.13	12.23	6.90
MW-7	12/13/2005	1210	<0.500	<0.500	<0.500	<0.500	NA	19.1	NA	NA	NA	14600 i	19.13	12.15	6.98
MW-7	03/08/2006	989	<0.500	<0.500	<0.500	<0.500	NA	7.29	NA	NA	NA	14000	19.13	10.70	8.43
MW-7	06/27/2006	370	<0.50	<0.50	<0.50	<0.50	NA	16	NA	NA	NA	20000 l	19.13	10.77	8.36
MW-7	09/25/2006	840 n	<10	<10	<10	<20	NA	<20	<20	<20	<20	22000	19.13	12.04	7.09
MW-7	12/21/2006	740	<0.50	<0.50	<0.50	<1.0	NA	7.5	NA	NA	NA	27000	19.13	12.18	6.95

WELL CONCENTRATIONS
Shell-branded Service Station
610 Market Street
Oakland, CA

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MW-7	03/20/2007	460 n	<50	<50	<50	<100	NA	<100	NA	NA	NA	24000	19.13	11.67	7.46
MW-7	06/18/2007	310 q	<5.0	<10	<10	<10	NA	2.7 p	NA	NA	NA	32000	19.13	12.31	6.82
MW-7	08/30/2007	560 r	<25	<50	<50	<50	NA	<50	<100	<100	<100	28000	19.13	12.76	6.37
MW-7	12/28/2007	74 r	<25	<50	<50	<50	NA	<50	NA	NA	NA	26000	19.13	12.85	6.28
MW-7	03/26/2008	1400	<5.0	<10	<10	<10	NA	<10	NA	NA	NA	32000	19.13	12.04	7.09
MW-7	05/29/2008	3000	<25	<50	<50	<50	NA	<50	NA	NA	NA	44000	19.13	12.80	6.33
MW-7	09/25/2008	3600	<25	<50	<50	<50	NA	<50	<100	<100	<100	36000	19.13	13.14	5.99
MW-7	12/16/2008	1700	<10	<20	<20	<20	NA	<20	NA	NA	NA	29000	19.13	13.34	5.79
MW-7	02/26/2009	1300	<10	<20	<20	<20	NA	<20	NA	NA	NA	19000	19.13	12.16	6.97
MW-7	05/26/2009	1600	<10	<20	<20	<20	NA	<20	NA	NA	NA	32000	19.13	12.56	6.57
MW-7	**09/02/2009**	**1800**	**<10**	**<20**	**<20**	**<20**	**NA**	**<20**	**<40**	**<40**	**<40**	**33000**	**19.13**	**13.44**	**5.69**
MW-8	03/28/2003	Well inaccessible		NA	NA	NA	NA	NA	NA	NA	NA	NA	18.72	NA	NA
MW-8	04/07/2003	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	18.72	14.13	4.59
MW-8	04/15/2003	890	29	22	15	71	NA	430	NA	NA	NA	NA	18.72	14.10	4.62
MW-8	06/13/2003	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	18.72	13.94	4.78
MW-8	09/26/2003	<250	55	51	33	140	NA	330	NA	NA	NA	NA	18.71	14.21	4.50
MW-8	11/24/2003	<5000	<50	<50	<50	<100	NA	5600	NA	NA	NA	NA	18.71	14.16	4.55
MW-8	03/01/2004	<50	<0.50	<0.50	<0.50	<1.0	NA	12	NA	NA	NA	NA	18.71	10.34	8.37
MW-8	06/15/2004	2800	170	240	140	560	NA	440	NA	NA	NA	NA	18.71	13.88	4.83
MW-8	09/16/2004	2500	180	200	120	490	NA	480	<10	<10	<10	260	18.71	13.92	4.79
MW-8	12/29/2004	4400	360	600	280	1400	NA	690	NA	NA	NA	NA	18.71	13.44	5.27
MW-8	02/28/2005	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	18.71	10.15	8.56
MW-8	03/23/2005	2800	120	190	110	420	NA	300	NA	NA	NA	NA	18.71	13.79	4.92
MW-8	05/18/2005	250	34	3.4	6.6	27	NA	110	NA	NA	NA	NA	18.71	10.85	7.86
MW-8	08/16/2005	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	18.71	10.95	7.76
MW-8	09/15/2005	460 f	54	21	24	92	NA	250	<4.0	<4.0	<4.0	130	18.71	11.38	7.33
MW-8	10/26/2005	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	18.71	11.75	6.96

WELL CONCENTRATIONS
Shell-branded Service Station
610 Market 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)
MW-8	12/13/2005	1180	49.6	4.89 h	15.2	76.0	NA	320 j	NA	NA	NA	1870	18.71	11.80	6.91
MW-8	03/08/2006	1040	48.0	1.82	5.07	19.9	NA	271	NA	NA	NA	190	18.71	10.50	8.21
MW-8	06/27/2006	730	80	<2.5	8.6	28	NA	360	NA	NA	NA	500 k	18.71	10.00	8.71
MW-8	09/25/2006	830	120	4.1	3.0	15	NA	260	3.7	<2.5	<2.5	420	18.71	11.42	7.29
MW-8	12/21/2006	1200	140	3.8	2.3	12	NA	190	NA	NA	NA	1100	18.71	12.08	6.63
MW-8	03/20/2007	660	100	2.3	1.3	2.9	NA	280	NA	NA	NA	660	18.71	11.56	7.15
MW-8	06/18/2007	1200	270	4.9	2.0	6.21	NA	230	NA	NA	NA	1300	18.71	11.72	6.99
MW-8	08/30/2007	1100 r	160	3.8	2.3	7.64 p	NA	150	5.2	<2.0	<2.0	840	18.71	12.22	6.49
MW-8	12/28/2007	610 r	89	1.8	0.58 p	2.33 p	NA	140	NA	NA	NA	820	18.71	12.26	6.45
MW-8	03/26/2008	240	19	<1.0	<1.0	<1.0	NA	58	NA	NA	NA	390	18.71	11.45	7.26
MW-8	05/29/2008	290	25	<1.0	<1.0	<1.0	NA	99	NA	NA	NA	800	18.71	12.13	6.58
MW-8	09/25/2008	500	32	<1.0	<1.0	1.3	NA	63	2.5	<2.0	<2.0	930	18.71	15.31	3.40
MW-8	12/16/2008	550	71	1.4	<1.0	1.8	NA	46	NA	NA	NA	1400	18.71	12.92	5.79
MW-8	02/26/2009	120	0.97	<1.0	<1.0	<1.0	NA	4.9	NA	NA	NA	62	18.71	11.50	7.21
MW-8	05/26/2009	200	18	<1.0	<1.0	<1.0	NA	39	NA	NA	NA	710	18.71	11.91	6.80
MW-8	**09/02/2009**	**480**	**55**	**1.6**	**<1.0**	**3.4**	**NA**	**48**	**2.6**	**<2.0**	**<2.0**	**1200**	**18.71**	**12.90**	**5.81**
MW-9	03/28/2003	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	18.78	11.19	7.59
MW-9	04/15/2003	420	<2.5	<2.5	<2.5	6.3	NA	37	NA	NA	NA	NA	18.78	11.24	7.54
MW-9	06/13/2003	290 b	<0.50	<0.50	<0.50	2.6	NA	34	NA	NA	NA	NA	18.78	11.39	7.39
MW-9	09/26/2003	540 b	<0.50	<0.50	<0.50	9.2	NA	21	NA	NA	NA	NA	18.78	12.12	6.66
MW-9	11/24/2003	650 d	<0.50	<0.50	<0.50	6.3	NA	14	NA	NA	NA	NA	18.78	12.30	6.48
MW-9	03/01/2004	230 d	<0.50	<0.50	<0.50	1.7	NA	7.7	NA	NA	NA	NA	18.78	10.45	8.33
MW-9	06/15/2004	280	<0.50	<0.50	<0.50	1.9	NA	8.3	NA	NA	NA	NA	18.78	11.88	6.90
MW-9	09/16/2004	260	<0.50	<0.50	<0.50	1.5	NA	3.9	<2.0	<2.0	<2.0	<5.0	18.78	12.26	6.52
MW-9	12/29/2004	220	<0.50	<0.50	<0.50	1.2	NA	3.5	NA	NA	NA	NA	18.78	11.76	7.02
MW-9	02/28/2005	140 g	<0.50	<0.50	<0.50	<1.0	NA	1.5	NA	NA	NA	NA	18.78	10.21	8.57
MW-9	03/23/2005	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	18.78	10.14	8.64

WELL CONCENTRATIONS
Shell-branded Service Station
610 Market 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)
MW-9	05/18/2005	210 g	<0.50	<0.50	<0.50	<1.0	NA	2.8	NA	NA	NA	NA	18.78	10.21	8.57
MW-9	08/16/2005	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	18.78	11.25	7.53
MW-9	09/15/2005	230 g	<0.50	<0.50	<0.50	1.1	NA	2.6	<2.0	<2.0	<2.0	<5.0	18.78	11.75	7.03
MW-9	10/26/2005	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	18.78	11.97	6.81
MW-9	12/13/2005	504	<0.500	<0.500	<0.500	2.53	NA	2.88	NA	NA	NA	NA	18.78	11.92	6.86
MW-9	03/08/2006	205	<0.500	<0.500	<0.500	<0.500	NA	1.45	NA	NA	NA	NA	18.78	10.05	8.73
MW-9	06/27/2006	260	<0.50	<0.50	<0.50	<0.50	NA	1.9	NA	NA	NA	NA	18.78	10.64	8.14
MW-9	09/25/2006	160	<0.50	<0.50	<0.50	<1.0	NA	1.6	<1.0	<1.0	<1.0	<10	18.78	11.78	7.00
MW-9	12/21/2006	300	<0.50	<0.50	<0.50	<1.0	NA	1.4	NA	NA	NA	NA	18.78	11.86	6.92
MW-9	03/20/2007	150 n	<0.50	<0.50	<0.50	<1.0	NA	1.2	NA	NA	NA	NA	18.78	11.34	7.44
MW-9	06/18/2007	81	0.18 p	<1.0	<1.0	0.27 p	NA	1.2	NA	NA	NA	NA	18.78	12.01	6.77
MW-9	08/30/2007	52 r	<0.50	<1.0	<1.0	0.31 p	NA	1.6	<2.0	<2.0	<2.0	<10	18.78	12.49	6.29
MW-9	12/28/2007	61 r	<0.50	<1.0	<1.0	0.27 p	NA	1.9	NA	NA	NA	NA	18.78	12.84	5.94
MW-9	03/26/2008	89	<0.50	<1.0	<1.0	<1.0	NA	1.6	NA	NA	NA	NA	18.78	12.30	6.48
MW-9	05/29/2008	130	<0.50	<1.0	<1.0	<1.0	NA	7.4	NA	NA	NA	NA	18.78	12.61	6.17
MW-9	09/25/2008	63	<0.50	<1.0	<1.0	<1.0	NA	17	<2.0	<2.0	<2.0	<10	18.78	12.92	5.86
MW-9	12/16/2008	74	<0.50	<1.0	<1.0	<1.0	NA	13	NA	NA	NA	NA	18.78	13.03	5.75
MW-9	02/26/2009	81	<0.50	<1.0	<1.0	<1.0	NA	14	NA	NA	NA	NA	18.78	11.94	6.84
MW-9	05/26/2009	140	<0.50	<1.0	<1.0	<1.0	NA	5.8	NA	NA	NA	NA	18.78	12.47	6.31
MW-9	**09/02/2009**	**54**	**<0.50**	**<1.0**	**<1.0**	**<1.0**	**NA**	**16**	**<2.0**	**<2.0**	**<2.0**	**<10**	**18.42**	**13.00**	**5.42**

WELL CONCENTRATIONS
Shell-branded Service Station
610 Market Street
Oakland, CA

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Abbreviations:

TPPH = Total petroleum hydrocarbons as gasoline by EPA Method 8260B; prior to June 28, 2001, analyzed by EPA Method 8015.

BTEX = Benzene, toluene, ethylbenzene, xylenes by EPA Method 8260B; prior to June 28, 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

ug/L = Parts per billion

MSL = Mean sea level

ft. = Feet

<n = Below detection limit

NA = Not applicable

WELL CONCENTRATIONS
Shell-branded Service Station
610 Market 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)

Notes:

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

b = Hydrocarbon reported does not match the labaratory standard.

c = Measurement is depth to top of pump; unable to reach water with sounder.

d = Sample contains discrete peaks in addition to gasoline.

e = Estimated value. The concentration exceeded the calibration of analysis.

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

g = The concentration reported reflects individual or discrete unidentified peaks not matching a typical fuel pattern.

h = Analyte was detected in the associated Method Blank.

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

j = Initial analysis within holding time. Reanalysis for the required dilution or confirmation was past holding time.

k = Sample was originally analyzed within the EPA recommended hold time. Re-analysis for confirmation was performed past the recommended hold time.

l = Sample was originally analyzed within the EPA recommended hold time. Re-analysis for dilution was performed past the recommended hold time.

m = Sample was diluted due to the presence of high levels of non-target analytes resulting in elevated reporting limits.

n = Hydrocarbon result partly due to individual peak(s) in quantitation range.

o = Reporting limit raised due to high concentrations of non-target analytes.

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

q = 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 upon the specified standard.

r =Analyzed by the EPA method 8015B(M)

Wells MW-1, MW-2, and MW-3 surveyed December 9, 1998 by Virgil Chavez Land Surveying of Vallejo, CA.

Wells MW-6 through MW-9 surveyed April 10, 2003 by Virgil Chavez Land Surveying of Vallejo, CA.

Wells MW-2, MW-3, MW-6, MW-7, and MW-8 surveyed September 23, 2003 by Virgil Chavez Land Surveying of Vallejo, CA.

Well MW-9 surveyed October 20, 2009 by Virgil Chavez Land Surveying of Vallejo, CA.

Calscience Environmental Laboratories, Inc.

Analytical Report

Blaine Tech Services, Inc.		Date Received:	09/05/09
1680 Rogers Avenue		Work Order No:	09-09-0502
San Jose, CA 95112-1105		Preparation:	EPA 5030B
		Method:	LUFT GC/MS / EPA 8260B
		Units:	ug/L
Project: 610 Market St., Oakland, CA			Page 1 of 5

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
MW-1	09-09-0502-1-A	09/02/09 12:05	Aqueous	GC/MS OO	09/08/09	09/08/09 20:08	090908L01

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Benzene	28	0.50	1		Tert-Butyl Alcohol (TBA)	ND	10	1	
Ethylbenzene	ND	1.0	1		Diisopropyl Ether (DIPE)	ND	2.0	1	
Toluene	ND	1.0	1		Ethyl-t-Butyl Ether (ETBE)	ND	2.0	1	
Xylenes (total)	22	1.0	1		Tert-Amyl-Methyl Ether (TAME)	ND	2.0	1	
Methyl-t-Butyl Ether (MTBE)	28	1.0	1		TPPH	220	50	1	
Surrogates:	REC (%)	Control Limits		Qual	Surrogates:	REC (%)	Control Limits		Qual
Dibromofluoromethane	102	80-132			1,2-Dichloroethane-d4	105	80-141		
Toluene-d8	100	80-120			Toluene-d8-TPPH	98	88-112		
1,4-Bromofluorobenzene	93	76-120							

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
MW-2	09-09-0502-2-A	09/02/09 11:45	Aqueous	GC/MS OO	09/08/09	09/08/09 20:35	090908L01

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Benzene	ND	0.50	1		Tert-Butyl Alcohol (TBA)	4600	100	10	
Ethylbenzene	ND	1.0	1		Diisopropyl Ether (DIPE)	4.9	2.0	1	
Toluene	ND	1.0	1		Ethyl-t-Butyl Ether (ETBE)	ND	2.0	1	
Xylenes (total)	ND	1.0	1		Tert-Amyl-Methyl Ether (TAME)	ND	2.0	1	
Methyl-t-Butyl Ether (MTBE)	2.2	1.0	1		TPPH	270	50	1	
Surrogates:	REC (%)	Control Limits		Qual	Surrogates:	REC (%)	Control Limits		Qual
Dibromofluoromethane	102	80-132			1,2-Dichloroethane-d4	104	80-141		
Toluene-d8	101	80-120			Toluene-d8-TPPH	100	88-112		
1,4-Bromofluorobenzene	92	76-120							

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
MW-3	09-09-0502-3-B	09/02/09 13:25	Aqueous	GC/MS OO	09/09/09	09/09/09 19:37	090909L01

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Benzene	5.3	0.50	1		Tert-Butyl Alcohol (TBA)	350	10	1	
Ethylbenzene	ND	1.0	1		Diisopropyl Ether (DIPE)	ND	2.0	1	
Toluene	ND	1.0	1		Ethyl-t-Butyl Ether (ETBE)	ND	2.0	1	
Xylenes (total)	ND	1.0	1		Tert-Amyl-Methyl Ether (TAME)	ND	2.0	1	
Methyl-t-Butyl Ether (MTBE)	7.0	1.0	1		TPPH	260	50	1	
Surrogates:	REC (%)	Control Limits		Qual	Surrogates:	REC (%)	Control Limits		Qual
Dibromofluoromethane	103	80-132			1,2-Dichloroethane-d4	106	80-141		
Toluene-d8	103	80-120			Toluene-d8-TPPH	102	88-112		
1,4-Bromofluorobenzene	96	76-120							

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

Calscience Environmental Laboratories, Inc.

Analytical Report

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

Date Received: 09/05/09
Work Order No: 09-09-0502
Preparation: EPA 5030B
Method: LUFT GC/MS / EPA 8260B
Units: ug/L

Project: 610 Market St., Oakland, CA

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
MW-4	09-09-0502-4-A	09/02/09 10:45	Aqueous	GC/MS OO	09/08/09	09/08/09 21:29	090908L01

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Benzene	ND	0.50	1		Tert-Butyl Alcohol (TBA)	ND	10	1	
Ethylbenzene	ND	1.0	1		Diisopropyl Ether (DIPE)	ND	2.0	1	
Toluene	ND	1.0	1		Ethyl-t-Butyl Ether (ETBE)	ND	2.0	1	
Xylenes (total)	ND	1.0	1		Tert-Amyl-Methyl Ether (TAME)	ND	2.0	1	
Methyl-t-Butyl Ether (MTBE)	5.9	1.0	1		TPPH	ND	50	1	
Surrogates:	REC (%)	Control Limits		Qual	Surrogates:	REC (%)	Control Limits		Qual
Dibromofluoromethane	104	80-132			1,2-Dichloroethane-d4	104	80-141		
Toluene-d8	100	80-120			Toluene-d8-TPPH	99	88-112		
1,4-Bromofluorobenzene	92	76-120							

MW-5	09-09-0502-5-A	09/02/09 11:05	Aqueous	GC/MS OO	09/08/09	09/08/09 21:56	090908L01

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Benzene	ND	0.50	1		Tert-Butyl Alcohol (TBA)	180	10	1	
Ethylbenzene	ND	1.0	1		Diisopropyl Ether (DIPE)	ND	2.0	1	
Toluene	ND	1.0	1		Ethyl-t-Butyl Ether (ETBE)	ND	2.0	1	
Xylenes (total)	ND	1.0	1		Tert-Amyl-Methyl Ether (TAME)	ND	2.0	1	
Methyl-t-Butyl Ether (MTBE)	1.6	1.0	1		TPPH	ND	50	1	
Surrogates:	REC (%)	Control Limits		Qual	Surrogates:	REC (%)	Control Limits		Qual
Dibromofluoromethane	102	80-132			1,2-Dichloroethane-d4	104	80-141		
Toluene-d8	101	80-120			Toluene-d8-TPPH	100	88-112		
1,4-Bromofluorobenzene	91	76-120							

MW-6	09-09-0502-6-B	09/02/09 14:30	Aqueous	GC/MS OO	09/11/09	09/11/09 18:00	090911L01

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Benzene	ND	10	20		Tert-Butyl Alcohol (TBA)	35000	500	50	
Ethylbenzene	ND	20	20		Diisopropyl Ether (DIPE)	ND	40	20	
Toluene	ND	20	20		Ethyl-t-Butyl Ether (ETBE)	ND	40	20	
Xylenes (total)	ND	20	20		Tert-Amyl-Methyl Ether (TAME)	ND	40	20	
Methyl-t-Butyl Ether (MTBE)	ND	20	20		TPPH	1800	1000	20	
Surrogates:	REC (%)	Control Limits		Qual	Surrogates:	REC (%)	Control Limits		Qual
Dibromofluoromethane	105	80-132			1,2-Dichloroethane-d4	100	80-141		
Toluene-d8	101	80-120			Toluene-d8-TPPH	99	88-112		
1,4-Bromofluorobenzene	90	76-120							

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

Calscience Environmental Laboratories, Inc.

Analytical Report

Blaine Tech Services, Inc.	Date Received:	09/05/09
1680 Rogers Avenue	Work Order No:	09-09-0502
San Jose, CA 95112-1105	Preparation:	EPA 5030B
	Method:	LUFT GC/MS / EPA 8260B
	Units:	ug/L
Project: 610 Market St., Oakland, CA		Page 3 of 5

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
MW-7	09-09-0502-7-B	09/02/09 13:55	Aqueous	GC/MS OO	09/11/09	09/11/09 18:27	090911L01

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Benzene	ND	10	20		Tert-Butyl Alcohol (TBA)	33000	500	50	
Ethylbenzene	ND	20	20		Diisopropyl Ether (DIPE)	ND	40	20	
Toluene	ND	20	20		Ethyl-t-Butyl Ether (ETBE)	ND	40	20	
Xylenes (total)	ND	20	20		Tert-Amyl-Methyl Ether (TAME)	ND	40	20	
Methyl-t-Butyl Ether (MTBE)	ND	20	20		TPPH	1800	1000	20	
Surrogates:	REC (%)	Control Limits		Qual	Surrogates:	REC (%)	Control Limits		Qual
Dibromofluoromethane	108	80-132			1,2-Dichloroethane-d4	102	80-141		
Toluene-d8	99	80-120			Toluene-d8-TPPH	98	88-112		
1,4-Bromofluorobenzene	91	76-120							

MW-8	09-09-0502-8-A	09/02/09 12:45	Aqueous	GC/MS OO	09/08/09	09/08/09 23:16	090908L01

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Benzene	55	0.50	1		Tert-Butyl Alcohol (TBA)	1200	20	2	
Ethylbenzene	ND	1.0	1		Diisopropyl Ether (DIPE)	2.6	2.0	1	
Toluene	1.6	1.0	1		Ethyl-t-Butyl Ether (ETBE)	ND	2.0	1	
Xylenes (total)	3.4	1.0	1		Tert-Amyl-Methyl Ether (TAME)	ND	2.0	1	
Methyl-t-Butyl Ether (MTBE)	48	1.0	1		TPPH	480	50	1	
Surrogates:	REC (%)	Control Limits		Qual	Surrogates:	REC (%)	Control Limits		Qual
Dibromofluoromethane	104	80-132			1,2-Dichloroethane-d4	104	80-141		
Toluene-d8	100	80-120			Toluene-d8-TPPH	99	88-112		
1,4-Bromofluorobenzene	92	76-120							

MW-9	09-09-0502-9-A	09/02/09 12:20	Aqueous	GC/MS OO	09/08/09	09/09/09 05:30	090908L02

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Benzene	ND	0.50	1		Tert-Butyl Alcohol (TBA)	ND	10	1	
Ethylbenzene	ND	1.0	1		Diisopropyl Ether (DIPE)	ND	2.0	1	
Toluene	ND	1.0	1		Ethyl-t-Butyl Ether (ETBE)	ND	2.0	1	
Xylenes (total)	ND	1.0	1		Tert-Amyl-Methyl Ether (TAME)	ND	2.0	1	
Methyl-t-Butyl Ether (MTBE)	16	1.0	1		TPPH	54	50	1	
Surrogates:	REC (%)	Control Limits		Qual	Surrogates:	REC (%)	Control Limits		Qual
Dibromofluoromethane	102	80-132			1,2-Dichloroethane-d4	104	80-141		
Toluene-d8	100	80-120			Toluene-d8-TPPH	99	88-112		
1,4-Bromofluorobenzene	92	76-120							

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

Calscience Environmental Laboratories, Inc.

Analytical Report

Blaine Tech Services, Inc.		Date Received:	09/05/09
1680 Rogers Avenue		Work Order No:	09-09-0502
San Jose, CA 95112-1105		Preparation:	EPA 5030B
		Method:	LUFT GC/MS / EPA 8260B
		Units:	ug/L
Project: 610 Market St., Oakland, CA			Page 4 of 5

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
Method Blank	099-12-767-2,520	N/A	Aqueous	GC/MS OO	09/08/09	09/08/09 15:12	090908L01

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Benzene	ND	0.50	1		Tert-Butyl Alcohol (TBA)	ND	10	1	
Ethylbenzene	ND	1.0	1		Diisopropyl Ether (DIPE)	ND	2.0	1	
Toluene	ND	1.0	1		Ethyl-t-Butyl Ether (ETBE)	ND	2.0	1	
Xylenes (total)	ND	1.0	1		Tert-Amyl-Methyl Ether (TAME)	ND	2.0	1	
Methyl-t-Butyl Ether (MTBE)	ND	1.0	1		TPPH	ND	50	1	
Surrogates:	REC (%)	Control Limits		Qual	Surrogates:	REC (%)	Control Limits		Qual
Dibromofluoromethane	98	80-132			1,2-Dichloroethane-d4	99	80-141		
Toluene-d8	100	80-120			Toluene-d8-TPPH	99	88-112		
1,4-Bromofluorobenzene	93	76-120							

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
Method Blank	099-12-767-2,525	N/A	Aqueous	GC/MS OO	09/08/09	09/09/09 03:16	090908L02

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Benzene	ND	0.50	1		Tert-Butyl Alcohol (TBA)	ND	10	1	
Ethylbenzene	ND	1.0	1		Diisopropyl Ether (DIPE)	ND	2.0	1	
Toluene	ND	1.0	1		Ethyl-t-Butyl Ether (ETBE)	ND	2.0	1	
Xylenes (total)	ND	1.0	1		Tert-Amyl-Methyl Ether (TAME)	ND	2.0	1	
Methyl-t-Butyl Ether (MTBE)	ND	1.0	1		TPPH	ND	50	1	
Surrogates:	REC (%)	Control Limits		Qual	Surrogates:	REC (%)	Control Limits		Qual
Dibromofluoromethane	102	80-132			1,2-Dichloroethane-d4	104	80-141		
Toluene-d8	100	80-120			Toluene-d8-TPPH	99	88-112		
1,4-Bromofluorobenzene	93	76-120							

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
Method Blank	099-12-767-2,526	N/A	Aqueous	GC/MS OO	09/09/09	09/09/09 15:05	090909L01

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Benzene	ND	0.50	1		Tert-Butyl Alcohol (TBA)	ND	10	1	
Ethylbenzene	ND	1.0	1		Diisopropyl Ether (DIPE)	ND	2.0	1	
Toluene	ND	1.0	1		Ethyl-t-Butyl Ether (ETBE)	ND	2.0	1	
Xylenes (total)	ND	1.0	1		Tert-Amyl-Methyl Ether (TAME)	ND	2.0	1	
Methyl-t-Butyl Ether (MTBE)	ND	1.0	1		TPPH	ND	50	1	
Surrogates:	REC (%)	Control Limits		Qual	Surrogates:	REC (%)	Control Limits		Qual
Dibromofluoromethane	101	80-132			1,2-Dichloroethane-d4	102	80-141		
Toluene-d8	100	80-120			Toluene-d8-TPPH	100	88-112		
1,4-Bromofluorobenzene	92	76-120							

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

Calscience Environmental Laboratories, Inc.

Analytical Report

Blaine Tech Services, Inc.	Date Received:	09/05/09
1680 Rogers Avenue	Work Order No:	09-09-0502
San Jose, CA 95112-1105	Preparation:	EPA 5030B
	Method:	LUFT GC/MS / EPA 8260B
	Units:	ug/L

Project: 610 Market St., Oakland, CA

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
Method Blank	**099-12-767-2,540**	**N/A**	**Aqueous**	**GC/MS OO**	**09/11/09**	**09/11/09 15:18**	**090911L01**

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Benzene	ND	0.50	1		Tert-Butyl Alcohol (TBA)	ND	10	1	
Ethylbenzene	ND	1.0	1		Diisopropyl Ether (DIPE)	ND	2.0	1	
Toluene	ND	1.0	1		Ethyl-t-Butyl Ether (ETBE)	ND	2.0	1	
Xylenes (total)	ND	1.0	1		Tert-Amyl-Methyl Ether (TAME)	ND	2.0	1	
Methyl-t-Butyl Ether (MTBE)	ND	1.0	1		TPPH	ND	50	1	
Surrogates:	REC (%)	Control Limits		Qual	Surrogates:	REC (%)	Control Limits		Qual
Dibromofluoromethane	104	80-132			1,2-Dichloroethane-d4	103	80-141		
Toluene-d8	100	80-120			Toluene-d8-TPPH	99	88-112		
1,4-Bromofluorobenzene	91	76-120							

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

Calscience Environmental Laboratories, Inc.

Quality Control - Spike/Spike Duplicate

Blaine Tech Services, Inc.		Date Received:	09/05/09
1680 Rogers Avenue		Work Order No:	09-09-0502
San Jose, CA 95112-1105		Preparation:	EPA 5030B
		Method:	LUFT GC/MS / EPA 8260B

Project 610 Market St., Oakland, CA

Quality Control Sample ID	Matrix	Instrument	Date Prepared	Date Analyzed	MS/MSD Batch Number
09-09-0407-1	Aqueous	GC/MS OO	09/08/09	09/08/09	090908S01

Parameter	MS %REC	MSD %REC	%REC CL	RPD	RPD CL	Qualifiers
Benzene	98	98	72-120	0	0-20	
Carbon Tetrachloride	100	104	63-135	4	0-20	
Chlorobenzene	95	94	80-120	1	0-20	
1,2-Dibromoethane	102	101	80-120	1	0-20	
1,2-Dichlorobenzene	93	95	80-120	2	0-20	
1,1-Dichloroethene	102	102	60-132	0	0-24	
Ethylbenzene	95	95	78-120	0	0-20	
Toluene	96	95	74-122	1	0-20	
Trichloroethene	94	93	69-120	1	0-20	
Vinyl Chloride	117	114	58-130	3	0-20	
Methyl-t-Butyl Ether (MTBE)	96	97	72-126	1	0-21	
Tert-Butyl Alcohol (TBA)	95	88	72-126	8	0-20	
Diisopropyl Ether (DIPE)	97	98	71-137	1	0-23	
Ethyl-t-Butyl Ether (ETBE)	99	100	74-128	1	0-20	
Tert-Amyl-Methyl Ether (TAME)	100	100	76-124	0	0-20	
Ethanol	95	89	35-167	6	0-48	

RPD - Relative Percent Difference , CL - Control Limit

Calscience Environmental Laboratories, Inc.

Quality Control - Spike/Spike Duplicate

Blaine Tech Services, Inc.		Date Received:	09/05/09
1680 Rogers Avenue		Work Order No:	09-09-0502
San Jose, CA 95112-1105		Preparation:	EPA 5030B
		Method:	LUFT GC/MS / EPA 8260B

Project 610 Market St., Oakland, CA

Quality Control Sample ID	Matrix	Instrument	Date Prepared	Date Analyzed	MS/MSD Batch Number
09-09-0488-1	Aqueous	GC/MS OO	09/08/09	09/09/09	090908S02

Parameter	MS %REC	MSD %REC	%REC CL	RPD	RPD CL	Qualifiers
Benzene	95	93	72-120	2	0-20	
Carbon Tetrachloride	90	91	63-135	1	0-20	
Chlorobenzene	92	91	80-120	1	0-20	
1,2-Dibromoethane	99	98	80-120	1	0-20	
1,2-Dichlorobenzene	91	91	80-120	0	0-20	
1,1-Dichloroethene	98	98	60-132	1	0-24	
Ethylbenzene	92	90	78-120	3	0-20	
Toluene	93	90	74-122	3	0-20	
Trichloroethene	89	87	69-120	2	0-20	
Vinyl Chloride	110	104	58-130	5	0-20	
Methyl-t-Butyl Ether (MTBE)	95	93	72-126	3	0-21	
Tert-Butyl Alcohol (TBA)	103	107	72-126	4	0-20	
Diisopropyl Ether (DIPE)	98	96	71-137	3	0-23	
Ethyl-t-Butyl Ether (ETBE)	97	96	74-128	1	0-20	
Tert-Amyl-Methyl Ether (TAME)	95	93	76-124	1	0-20	
Ethanol	118	107	35-167	10	0-48	

RPD - Relative Percent Difference , CL - Control Limit

Calscience Environmental Laboratories, Inc.

Quality Control - Spike/Spike Duplicate

Blaine Tech Services, Inc.		Date Received:	09/05/09
1680 Rogers Avenue		Work Order No:	09-09-0502
San Jose, CA 95112-1105		Preparation:	EPA 5030B
		Method:	LUFT GC/MS / EPA 8260B

Project 610 Market St., Oakland, CA

Quality Control Sample ID	Matrix	Instrument	Date Prepared	Date Analyzed	MS/MSD Batch Number
09-09-0501-7	Aqueous	GC/MS OO	09/09/09	09/09/09	090909S01

Parameter	MS %REC	MSD %REC	%REC CL	RPD	RPD CL	Qualifiers
Benzene	98	98	72-120	1	0-20	
Carbon Tetrachloride	96	96	63-135	0	0-20	
Chlorobenzene	95	94	80-120	1	0-20	
1,2-Dibromoethane	98	102	80-120	4	0-20	
1,2-Dichlorobenzene	93	93	80-120	0	0-20	
1,1-Dichloroethene	101	100	60-132	1	0-24	
Ethylbenzene	94	92	78-120	2	0-20	
Toluene	95	97	74-122	2	0-20	
Trichloroethene	94	93	69-120	1	0-20	
Vinyl Chloride	112	115	58-130	3	0-20	
Methyl-t-Butyl Ether (MTBE)	96	99	72-126	3	0-21	
Tert-Butyl Alcohol (TBA)	84	94	72-126	11	0-20	
Diisopropyl Ether (DIPE)	103	104	71-137	1	0-23	
Ethyl-t-Butyl Ether (ETBE)	100	100	74-128	0	0-20	
Tert-Amyl-Methyl Ether (TAME)	101	103	76-124	2	0-20	
Ethanol	92	97	35-167	5	0-48	

RPD - Relative Percent Difference , CL - Control Limit

Calscience Environmental Laboratories, Inc.

Quality Control - Spike/Spike Duplicate

Blaine Tech Services, Inc.	Date Received: 09/05/09
1680 Rogers Avenue	Work Order No: 09-09-0502
San Jose, CA 95112-1105	Preparation: EPA 5030B
	Method: LUFT GC/MS / EPA 8260B

Project 610 Market St., Oakland, CA

Quality Control Sample ID	Matrix	Instrument	Date Prepared	Date Analyzed	MS/MSD Batch Number
09-09-0810-1	Aqueous	GC/MS OO	09/11/09	09/11/09	090911S01

Parameter	MS %REC	MSD %REC	%REC CL	RPD	RPD CL	Qualifiers
Benzene	101	98	72-120	3	0-20	
Carbon Tetrachloride	109	111	63-135	2	0-20	
Chlorobenzene	94	93	80-120	1	0-20	
1,2-Dibromoethane	102	101	80-120	1	0-20	
1,2-Dichlorobenzene	95	93	80-120	2	0-20	
1,1-Dichloroethene	101	97	60-132	4	0-24	
Ethylbenzene	92	91	78-120	1	0-20	
Toluene	97	94	74-122	3	0-20	
Trichloroethene	94	93	69-120	1	0-20	
Vinyl Chloride	109	108	58-130	0	0-20	
Methyl-t-Butyl Ether (MTBE)	101	100	72-126	1	0-21	
Tert-Butyl Alcohol (TBA)	92	92	72-126	0	0-20	
Diisopropyl Ether (DIPE)	98	98	71-137	1	0-23	
Ethyl-t-Butyl Ether (ETBE)	97	97	74-128	0	0-20	
Tert-Amyl-Methyl Ether (TAME)	101	100	76-124	1	0-20	
Ethanol	95	98	35-167	2	0-48	

RPD - Relative Percent Difference , CL - Control Limit

Calscience Environmental Laboratories, Inc.

Quality Control - LCS/LCS Duplicate

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

Date Received: N/A
Work Order No: 09-09-0502
Preparation: EPA 5030B
Method: LUFT GC/MS / EPA 8260B

Project: 610 Market St., Oakland, CA

Quality Control Sample ID	Matrix	Instrument	Date Prepared	Date Analyzed	LCS/LCSD Batch Number
099-12-767-2,520	Aqueous	GC/MS OO	09/08/09	09/08/09	090908L01

Parameter	LCS %REC	LCSD %REC	%REC CL	ME_CL	RPD	RPD CL	Qualifiers
Benzene	100	100	80-122	73-129	0	0-20	
Carbon Tetrachloride	105	108	68-140	56-152	3	0-20	
Chlorobenzene	97	98	80-120	73-127	1	0-20	
1,2-Dibromoethane	105	102	80-121	73-128	4	0-20	
1,2-Dichlorobenzene	95	97	80-120	73-127	2	0-20	
1,1-Dichloroethene	103	104	72-132	62-142	2	0-25	
Ethylbenzene	96	98	80-126	72-134	2	0-20	
Toluene	97	97	80-121	73-128	1	0-20	
Trichloroethene	99	98	80-123	73-130	1	0-20	
Vinyl Chloride	113	114	67-133	56-144	1	0-20	
Methyl-t-Butyl Ether (MTBE)	99	97	75-123	67-131	2	0-20	
Tert-Butyl Alcohol (TBA)	91	98	75-123	67-131	8	0-20	
Diisopropyl Ether (DIPE)	98	97	71-131	61-141	1	0-20	
Ethyl-t-Butyl Ether (ETBE)	101	99	76-124	68-132	2	0-20	
Tert-Amyl-Methyl Ether (TAME)	103	99	80-123	73-130	4	0-20	
Ethanol	85	88	61-139	48-152	4	0-27	
TPPH	79	78	65-135	53-147	2	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

Calscience Environmental Laboratories, Inc.

Quality Control - LCS/LCS Duplicate

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

Date Received: N/A
Work Order No: 09-09-0502
Preparation: EPA 5030B
Method: LUFT GC/MS / EPA 8260B

Project: 610 Market St., Oakland, CA

Quality Control Sample ID	Matrix	Instrument	Date Prepared	Date Analyzed	LCS/LCSD Batch Number
099-12-767-2,525	Aqueous	GC/MS OO	09/08/09	09/09/09	090908L02

Parameter	LCS %REC	LCSD %REC	%REC CL	ME_CL	RPD	RPD CL	Qualifiers
Benzene	97	96	80-122	73-129	0	0-20	
Carbon Tetrachloride	88	92	68-140	56-152	4	0-20	
Chlorobenzene	94	92	80-120	73-127	2	0-20	
1,2-Dibromoethane	103	101	80-121	73-128	1	0-20	
1,2-Dichlorobenzene	90	93	80-120	73-127	2	0-20	
1,1-Dichloroethene	96	97	72-132	62-142	0	0-25	
Ethylbenzene	91	90	80-126	72-134	1	0-20	
Toluene	94	94	80-121	73-128	1	0-20	
Trichloroethene	94	94	80-123	73-130	0	0-20	
Vinyl Chloride	109	107	67-133	56-144	2	0-20	
Methyl-t-Butyl Ether (MTBE)	97	97	75-123	67-131	0	0-20	
Tert-Butyl Alcohol (TBA)	101	94	75-123	67-131	8	0-20	
Diisopropyl Ether (DIPE)	98	98	71-131	61-141	0	0-20	
Ethyl-t-Butyl Ether (ETBE)	99	99	76-124	68-132	1	0-20	
Tert-Amyl-Methyl Ether (TAME)	101	101	80-123	73-130	0	0-20	
Ethanol	109	103	61-139	48-152	6	0-27	
TPPH	73	73	65-135	53-147	1	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

Calscience Environmental Laboratories, Inc.

Quality Control - LCS/LCS Duplicate

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

Date Received: N/A
Work Order No: 09-09-0502
Preparation: EPA 5030B
Method: LUFT GC/MS / EPA 8260B

Project: 610 Market St., Oakland, CA

Quality Control Sample ID	Matrix	Instrument	Date Prepared	Date Analyzed	LCS/LCSD Batch Number
099-12-767-2,526	Aqueous	GC/MS OO	09/09/09	09/09/09	090909L01

Parameter	LCS %REC	LCSD %REC	%REC CL	ME_CL	RPD	RPD CL	Qualifiers
Benzene	97	99	80-122	73-129	1	0-20	
Carbon Tetrachloride	92	97	68-140	56-152	5	0-20	
Chlorobenzene	94	95	80-120	73-127	1	0-20	
1,2-Dibromoethane	98	99	80-121	73-128	1	0-20	
1,2-Dichlorobenzene	94	93	80-120	73-127	2	0-20	
1,1-Dichloroethene	101	102	72-132	62-142	1	0-25	
Ethylbenzene	93	94	80-126	72-134	2	0-20	
Toluene	95	97	80-121	73-128	2	0-20	
Trichloroethene	93	96	80-123	73-130	3	0-20	
Vinyl Chloride	109	111	67-133	56-144	2	0-20	
Methyl-t-Butyl Ether (MTBE)	95	97	75-123	67-131	2	0-20	
Tert-Butyl Alcohol (TBA)	91	78	75-123	67-131	16	0-20	
Diisopropyl Ether (DIPE)	99	101	71-131	61-141	1	0-20	
Ethyl-t-Butyl Ether (ETBE)	98	100	76-124	68-132	2	0-20	
Tert-Amyl-Methyl Ether (TAME)	98	100	80-123	73-130	2	0-20	
Ethanol	104	84	61-139	48-152	21	0-27	
TPPH	73	72	65-135	53-147	1	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

Calscience Environmental Laboratories, Inc.

Quality Control - LCS/LCS Duplicate

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

Date Received: N/A
Work Order No: 09-09-0502
Preparation: EPA 5030B
Method: LUFT GC/MS / EPA 8260B

Project: 610 Market St., Oakland, CA

Quality Control Sample ID	Matrix	Instrument	Date Prepared	Date Analyzed	LCS/LCSD Batch Number
099-12-767-2,540	Aqueous	GC/MS OO	09/11/09	09/11/09	090911L01

Parameter	LCS %REC	LCSD %REC	%REC CL	ME CL	RPD	RPD CL	Qualifiers
Benzene	102	99	80-122	73-129	2	0-20	
Carbon Tetrachloride	112	116	68-140	56-152	3	0-20	
Chlorobenzene	96	95	80-120	73-127	1	0-20	
1,2-Dibromoethane	100	99	80-121	73-128	1	0-20	
1,2-Dichlorobenzene	94	94	80-120	73-127	0	0-20	
1,1-Dichloroethene	104	102	72-132	62-142	2	0-25	
Ethylbenzene	94	95	80-126	72-134	1	0-20	
Toluene	97	97	80-121	73-128	0	0-20	
Trichloroethene	97	99	80-123	73-130	2	0-20	
Vinyl Chloride	115	111	67-133	56-144	4	0-20	
Methyl-t-Butyl Ether (MTBE)	99	99	75-123	67-131	0	0-20	
Tert-Butyl Alcohol (TBA)	101	97	75-123	67-131	4	0-20	
Diisopropyl Ether (DIPE)	99	99	71-131	61-141	0	0-20	
Ethyl-t-Butyl Ether (ETBE)	96	97	76-124	68-132	1	0-20	
Tert-Amyl-Methyl Ether (TAME)	99	100	80-123	73-130	1	0-20	
Ethanol	108	101	61-139	48-152	7	0-27	
TPPH	76	73	65-135	53-147	5	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

Calscience Environmental Laboratories, Inc.

Glossary of Terms and Qualifiers

Work Order Number: 09-09-0502

Qualifier	Definition
*	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.
	Solid - Unless otherwise indicated, solid sample data is reported on a wet weight basis, not corrected for % moisture.

Shell Oil Products Chain Of Custody Record

LAB (LOCATION)

- ☑ CALSCIENCE ( )
- ☐ SPL ( )
- ☐ XENCO ( )
- ☐ TEST AMERICA ( )
- ☐ OTHER ( )

Please Check Appropriate Box:

- ☐ ENV. SERVICES ☐ MOTIVA RETAIL ☐ SHELL RETAIL
- ☐ MOTIVA SD&CM ☑ CONSULTANT ☐ LUBES
- ☐ SHELL PIPELINE ☐ OTHER

Print Bill To Contact Name: Peter Schaefer 240594

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

☐ CHECK IF NO INCIDENT # APPLIES

DATE: 9/2/09

PAGE: 1 of 1

PO #

SAP #

SAMPLING COMPANY: Blaine Tech Services	LOG CODE: BTSS
ADDRESS: 1680 Rogers Ave, San Jose, CA 95112	
PROJECT CONTACT (Hardcopy or PDF Report to): Michael Ninokata Copy to Shell.Lab.Billing@craworld.com	
TELEPHONE: (408)573-0555	FAX: (408)573-7771
E-MAIL: mninokata@blainetech.com	

SITE ADDRESS: Street and City: 610 Market St., Oakland	State: CA	GLOBAL ID NO: T0600102121	
EDF DELIVERABLE TO (Name, Company, Office Location): Anni Kreml, CRA, Emeryville	PHONE NO: (510) 420-3335	E-MAIL: Shelledf@craworld.com	CONSULTANT PROJECT NO: BTS # 090902-DR1
SAMPLER NAME(S) (Print): D. Raynal			LAB USE ONLY: 09-09-0502

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:

SPECIAL INSTRUCTIONS OR NOTES :

- ☐ SHELL CONTRACT RATE APPLIES
- ☐ STATE REIMBURSEMENT RATE APPLIES
- ☐ EDD NOT NEEDED
- ☑ RECEIPT VERIFICATION REQUESTED

Run TPH-d w/Silica Gel Clean Up

REQUESTED ANALYSIS

LAB USE ONLY	Field Sample Identification	DATE	TIME	MATRIX	HCL	HNO3	H2SO4	NONE	OTHER	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
1	mw-1	9/2/09	1205	W	X					3	X		X	X	X									
2	mw-2	↓	1145	W	X					3	X		X	X	X									
3	mw-3	↓	1325	W	X					3	X		X	X	X	X								
4	mw-4	↓	1045	W	X					3	X		X	X	X	X								
5	mw-5	↓	1105	W	X					3	X		X	X	X	X								
6	mw-6	↓	1430	W	X					3	X		X	X	X	X								
7	mw-7	↓	1355	W	X					3	X		X	X	X	X								
8	mw-8	↓	1245	W	X					3	X		X	X	X	X								
9	mw-9	↓	1220	W	X					3	X		X	X	X									

Relinquished by: (Signature)	Received by: (Signature)	Date:	Time:
[signature]	[signature] (sample custodian)	9/2/09	1530
Relinquished by: (Signature)	Received by: (Signature)	Date:	Time:
Relinquished by: (Signature): Shipped VIA GSO	Received by: (Signature)	Date: 9/4/09	Time: 1600

GS0812579931

[signature] CEL 9-8-09 9:30

05/2/06 Revision

Calscience Environmental Laboratories, Inc.

WORK ORDER #: 09-09- 0 5 1 2 2

SAMPLE RECEIPT FORM

Cooler 1 of 1

CLIENT: Blaine Tech DATE: 9/8/09

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

Temperature 3.3 °C - 0.2 °C (CF) = 3.1 °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: WSC

CUSTODY SEALS INTACT:

☐ Cooler ☐_____ ☐ No (Not Intact) ☑ Not Present ☐ N/A Initial: WSC

☐ Sample ☐_____ ☐ No (Not Intact) ☐ Not Present Initial: 80

SAMPLE CONDITION:	Yes	No	N/A
Chain-Of-Custody (COC) document(s) received with samples	☑	☐	☐
COC document(s) received complete	☑	☐	☐
☐ Collection date/time, matrix, and/or # of containers logged in based on sample labels.			
☐ COC not relinquished. ☐ No date relinquished. ☐ No time relinquished.			
Sampler's name indicated on COC	☑	☐	☐
Sample container label(s) consistent with COC	☑	☐	☐
Sample container(s) intact and good condition	☑	☐	☐
Correct containers and volume for analyses requested	☑	☐	☐
Analyses received within holding time	☑	☐	☐
Proper preservation noted on COC or sample container	☑	☐	☐
☐ Unpreserved vials received for Volatiles analysis			
Volatile analysis container(s) free of headspace	☑	☐	☐
Tedlar bag(s) free of condensation	☐	☐	☑

CONTAINER TYPE:

Solid: ☐4ozCGJ ☐8ozCGJ ☐16ozCGJ ☐Sleeve ☐EnCores® ☐TerraCores® ☐_____

Water: ☐VOA ☑3 VOA**h** ☐VOA**na₂** ☐125AGB ☐125AGB**h** ☐125AGB**p** ☐1AGB ☐1AGB**na₂** ☐1AGB**s** ☐500AGB ☐500AGJ ☐500AGJ**s** ☐250AGB ☐250CGB ☐250CGB**s** ☐1PB ☐500PB ☐500PB**na** ☐250PB ☐250PB**n** ☐125PB ☐125PB**znna** ☐100PJ ☐100PJ**na₂** ☐_____ ☐_____ ☐_____

Air: ☐Tedlar® ☐Summa® ☐_____ **Other:** ☐_____ Checked/Labeled by: SD

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

Preservative: h: HCL n: HNO3 na₂: $Na_2S_2O_3$ Na: NaOH p: H_3PO_4 s: H_2SO_4 znna: $ZnAc_2$+NaOH f: Field-filtered Scanned by: _____

WELL GAUGING DATA

Project # 090902-DR1 Date 9/2/09 Client Shell

Site 610 Market 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	0941	4					15.61	24.50		
mw-2	0937	4					12.01	18.15		
mw-3	0914	4					12.34	18.37		
mw-4	1028	4					12.60	19.58		
mw-5	1056	4					12.24	19.90		
mw-6	0921	4					12.25	18.62		
MW-7	0929	4					13.414	18.26		
mw-8	0942	4					12.90	18.22		
mw-9	0900	4					13.00	19.34		

SHEET WELL MONITORING DATA SHEET

BTS #: 090902-DR1	Site: 610 Market St. Oakland Ca.
Sampler: DR	Date: 9/2/09
Well I.D.: MW-1	Well Diameter: 2 3 (4) 6 8 ____
Total Well Depth (TD): 24.50	Depth to Water (DTW): 15.61
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]: 17.39	

Purge Method: Bailer; Disposable Bailer; Positive Air Displacement; X Electric Submersible; Waterra; Peristaltic; Extraction Pump; Other ____

Sampling Method: X Bailer; Disposable Bailer; Extraction Port; Dedicated Tubing; Other: ____

5.8 (Gals.) X 3 = 17.4 Gals.
1 Case Volume | Specified Volumes | Calculated Volume

Well Diameter	Multiplier	Well Diameter	Multiplier
1"	0.04	4"	0.65
2"	0.16	6"	1.47
3"	0.37	Other	radius² * 0.163

Time	Temp (°F)	pH	Cond. (mS or (µS))	Turbidity (NTUs)	Gals. Removed	Observations
1151	72.8	6.8	942.1	51	5.8	clear
1152	72.5	6.5	940.1	53	11.6	"
1153	72.3	6.5	941.2	59	17.4	"

Did well dewater? Yes (No) Gallons actually evacuated: 17.4

Sampling Date: 9/2/09 Sampling Time: 1205 Depth to Water: 17.37 waited

Sample I.D.: MW-1 Laboratory: (CalScience) Columbia Other ____

Analyzed for: TPH-G BTEX MTBE TPH-D Oxygenates (5) Other: See CoC

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

SHEET WELL MONITORING DATA SHEET

BTS #: 090902-DR1	Site: 610 Market St. Oakland Ca.
Sampler: DR	Date: 9/2/09
Well I.D.: MW-2	Well Diameter: 2 3 (4) 6 8 ___
Total Well Depth (TD): 18.15	Depth to Water (DTW): 12.01
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]: 13.24	

Purge Method: Bailer; Disposable Bailer; Positive Air Displacement; X Electric Submersible; Waterra; Peristaltic; Extraction Pump; Other ___

Sampling Method: X Bailer; Disposable Bailer; Extraction Port; Dedicated Tubing; Other: ___

1 Case Volume	Specified Volumes	Calculated Volume
4.0 (Gals.) X	3	= 12.0 Gals.

Well Diameter	Multiplier	Well Diameter	Multiplier
1"	0.04	4"	0.65
2"	0.16	6"	1.47
3"	0.37	Other	radius^2 * 0.163

Time	Temp (°F)	pH	Cond. (mS or (µS))	Turbidity (NTUs)	Gals. Removed	Observations
1134	75.7	7.0	1136	98	4.0	
1135	75.3	6.5	1214	112	8.0	
1136	75.1	6.5	1233	120	12.0	

Did well dewater? Yes (No) Gallons actually evacuated: 12.0

Sampling Date: 9/2/09 Sampling Time: 1145 Depth to Water: 13.18

Sample I.D.: MW-2 Laboratory: (CalScience) Columbia Other ___

Analyzed for: TPH-G BTEX MTBE TPH-D Oxygenates (5) Other: See CoC

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

SHEET WELL MONITORING DATA SHEET

BTS #: 090902-DR1	Site: 610 Market St. Oakland Ca.
Sampler: DR	Date: 9/2/09
Well I.D.: MW-3	Well Diameter: 2 3 (4) 6 8 ___
Total Well Depth (TD): 18.37	Depth to Water (DTW): 12.34
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]: 13.55	

Purge Method: Bailer; Disposable Bailer; Positive Air Displacement; X Electric Submersible; Waterra; Peristaltic; Extraction Pump; Other_____

Sampling Method: X Bailer; Disposable Bailer; Extraction Port; Dedicated Tubing; Other: _____

3.9 (Gals.) X	3	=	11.7 Gals.
1 Case Volume	Specified Volumes		Calculated Volume

Well Diameter	Multiplier	Well Diameter	Multiplier
1"	0.04	4"	0.65
2"	0.16	6"	1.47
3"	0.37	Other	radius² * 0.163

Time	Temp (°F)	pH	Cond. (mS or (µS))	Turbidity (NTUs)	Gals. Removed	Observations
1309	76.7	6.7	766.1	64	3.9	
* Well	dewatered @	4.5 gal				
1325	75.8	6.6	761.2	44	—	

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

Sampling Date: 9/2/09 Sampling Time: 1325 Depth to Water: 13.55 Wa. Ted

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

Analyzed for: TPH-G BTEX MTBE TPH-D Oxygenates (5) Other: See CoC

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

SHE[illegible] WELL MONITORING DA[illegible]SHEET

BTS #: 090902-DR1	Site: 610 Market St. Oakland Ca.
Sampler: DR	Date: 9/2/09
Well I.D.: MW-4	Well Diameter: 2 3 (4) 6 8 ____
Total Well Depth (TD): 19.58	Depth to Water (DTW): 12.60
Depth to Free Product:	Thickness of Free Product (feet):
Referenced to: (PVC) Grade	D.O. Meter (if req'd): YSI HACH
DTW with 80% Recharge [(Height of Water Column x 0.20) + DTW]: 14.00	

Purge Method: Bailer; Disposable Bailer; Positive Air Displacement; X Electric Submersible; Waterra; Peristaltic; Extraction Pump; Other_____

Sampling Method: X Bailer; Disposable Bailer; Extraction Port; Dedicated Tubing; Other: _____

4.5 (Gals.) X 3 = 13.5 Gals.
1 Case Volume | Specified Volumes | Calculated Volume

Well Diameter	Multiplier	Well Diameter	Multiplier
1"	0.04	4"	0.65
2"	0.16	6"	1.47
3"	0.37	Other	radius² * 0.163

Time	Temp (°F)	pH	Cond. (mS or (µS))	Turbidity (NTUs)	Gals. Removed	Observations
1037	73.8	6.2	698.3	291	4.5	
1038	73.5	6.3	694.1	343	9.0	
* Well	dewatered @		10.0 gal			
1045	73.7	6.3	682.1	201	—	

Did well dewater? (Yes) No Gallons actually evacuated: 10.0

Sampling Date: 9/2/09 Sampling Time: 1045 Depth to Water: Traffic 18.23

Sample I.D.: MW-4 Laboratory: (CalScience) Columbia Other_____

Analyzed for: TPH-G BTEX MTBE TPH-D Oxygenates (5) Other: See CoC

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	

SHEET WELL MONITORING DATA SHEET

BTS #: 090902-DR1	Site: 610 Market St. Oakland Ca.
Sampler: DR	Date: 9/2/09
Well I.D.: MW-5	Well Diameter: 2 3 (4) 6 8 ___
Total Well Depth (TD): 19.90	Depth to Water (DTW): 12.24
Depth to Free Product:	Thickness of Free Product (feet):
Referenced to: (PVC) Grade	D.O. Meter (if req'd): YSI HACH
DTW with 80% Recharge [(Height of Water Column x 0.20) + DTW]: 13.77 Traffic	

Purge Method: Bailer; Disposable Bailer; Positive Air Displacement; X Electric Submersible; Waterra; Peristaltic; Extraction Pump; Other_____

Sampling Method: X Bailer; Disposable Bailer; Extraction Port; Dedicated Tubing; Other: _____

5.0 (Gals.) X	3	= 15.0 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^2 * 0.163

Time	Temp (°F)	pH	Cond. (mS or (µS))	Turbidity (NTUs)	Gals. Removed	Observations
1055	74.1	6.9	1132	63	5.0	
1056	73.8	6.8	1128	246	10.0	
* Well dewatered @			11.0			
1105	74.2	6.9	1117	122	—	

Did well dewater? (Yes) No Gallons actually evacuated: 11.0

Sampling Date: 9/2/09 Sampling Time: 1105 Depth to Water: Traffic 12.89

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

Analyzed for: TPH-G BTEX MTBE TPH-D Oxygenates (5) Other: See CoC

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

SHEET WELL MONITORING DATA SHEET

BTS #: 090902-DR1	Site: 610 Market St. Oakland Ca.
Sampler: DR	Date: 9/2/09
Well I.D.: MW-6	Well Diameter: 2 3 (4) 6 8 ___
Total Well Depth (TD): 18.62	Depth to Water (DTW): 12.35
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]: 13.52	

Purge Method: Bailer; Disposable Bailer; Positive Air Displacement; X Electric Submersible; Waterra; Peristaltic; Extraction Pump; Other_____

Sampling Method: X Bailer; Disposable Bailer; Extraction Port; Dedicated Tubing; Other: _____

4.1 (Gals.) X	3	=	12.3 Gals.
1 Case Volume	Specified Volumes		Calculated Volume

Well Diameter	Multiplier	Well Diameter	Multiplier
1"	0.04	4"	0.65
2"	0.16	6"	1.47
3"	0.37	Other	radius² * 0.163

Time	Temp (°F)	pH	Cond. (mS or (µS))	Turbidity (NTUs)	Gals. Removed	Observations
1402	76.1	6.8	1082	316	4.1	
1403	75.2	6.7	946.3	288	8.2	
* Well	dewatered	@	9.0			
1415	75.4	6.9	1018	135	—	

Did well dewater? (Yes) No Gallons actually evacuated: 9.0

Sampling Date: 9/2/09 Sampling Time: 1430 Depth to Water: 13.50 mailed

Sample I.D.: MW-6 Laboratory: (CalScience) Columbia Other_____

Analyzed for: TPH-G BTEX MTBE TPH-D Oxygenates (5) Other: See CoC

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

SHEET WELL MONITORING DATA SHEET

BTS #: 090902-DR1	Site: 610 Market St. Oakland Ca.
Sampler: DR	Date: 9/2/09
Well I.D.: MW-7	Well Diameter: 2 3 (4) 6 8 ___
Total Well Depth (TD): 18.26	Depth to Water (DTW): 13.44
Depth to Free Product:	Thickness of Free Product (feet):
Referenced to: (PVC) Grade	D.O. Meter (if req'd): YSI HACH
DTW with 80% Recharge [(Height of Water Column x 0.20) + DTW]: 14.40	

Purge Method: Bailer; Disposable Bailer; Positive Air Displacement; X Electric Submersible; Waterra; Peristaltic; Extraction Pump; Other_____

Sampling Method: X Bailer; Disposable Bailer; Extraction Port; Dedicated Tubing; Other: _____

3.1 (Gals.) X	3	=	9.3 Gals.
1 Case Volume	Specified Volumes		Calculated Volume

Well Diameter	Multiplier	Well Diameter	Multiplier
1"	0.04	4"	0.65
2"	0.16	6"	1.47
3"	0.37	Other	radius^2 * 0.163

Time	Temp (°F)	pH	Cond. (mS or µS)	Turbidity (NTUs)	Gals. Removed	Observations
1339	74.0	6.7	1134	64	3.1	
1340	73.9	6.7	1152	81	6.2	
* well	dewatered	@	6.5			
1355	74.2	6.9	1162	42	—	

Did well dewater? (Yes) No Gallons actually evacuated: 6.5

Sampling Date: 9/2/09 Sampling Time: 1355 Depth to Water: 14.40 waited

Sample I.D.: MW-7 Laboratory: (CalScience) Columbia Other_____

Analyzed for: TPH-G BTEX MTBE TPH-D Oxygenates (5) Other: See CoC

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

SHI[illegible]L WELL MONITORING DA[illegible]SHEET

BTS #: 090902-DR1	Site: 610 Market St. Oakland Ca.
Sampler: DR	Date: 9/2/09
Well I.D.: MW-8	Well Diameter: 2 3 (4) 6 8 ____
Total Well Depth (TD): 18.22	Depth to Water (DTW): 12.90
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]: 13.96	

Purge Method: Bailer; Disposable Bailer; Positive Air Displacement; X Electric Submersible; Waterra; Peristaltic; Extraction Pump; Other_____

Sampling Method: X Bailer; Disposable Bailer; Extraction Port; Dedicated Tubing; Other: _____

3.5 (Gals.) X	3	=	10.5 Gals.
1 Case Volume	Specified Volumes		Calculated Volume

Well Diameter	Multiplier	Well Diameter	Multiplier
1"	0.04	4"	0.65
2"	0.16	6"	1.47
3"	0.37	Other	radius^2 * 0.163

Time	Temp (°F)	pH	Cond. (mS or (µS))	Turbidity (NTUs)	Gals. Removed	Observations
1232	72.8	6.8	1292	71	3.5	
1233	72.6	6.6	1289	74	7.0	
1234	72.4	6.6	1272	90	10.5	

Did well dewater? Yes (No) Gallons actually evacuated: 10.5

Sampling Date: 9/2/09 Sampling Time: 1245 Depth to Water: 13.96 water

Sample I.D.: MW-8 Laboratory: (CalScience) Columbia Other_____

Analyzed for: TPH-G BTEX MTBE TPH-D Oxygenates (5) Other: See CoC

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

SH .L WELL MONITORING DA .. SHEET

BTS #: 090902-DR1	Site: 610 Market St. Oakland Ca.
Sampler: DR	Date: 9/2/09
Well I.D.: MW-9	Well Diameter: 2 3 (4) 6 8 ___
Total Well Depth (TD): 19.34	Depth to Water (DTW): 13.00
Depth to Free Product:	Thickness of Free Product (feet):
Referenced to: (PVC) Grade	D.O. Meter (if req'd): YSI HACH
DTW with 80% Recharge [(Height of Water Column x 0.20) + DTW]: 14.27	

Purge Method: Bailer; Disposable Bailer; Positive Air Displacement; X Electric Submersible; Waterra; Peristaltic; Extraction Pump; Other_____

Sampling Method: X Bailer; Disposable Bailer; Extraction Port; Dedicated Tubing; Other:_____

4.1 (Gals.) X	3	= 12.3 Gals.
1 Case Volume	Specified Volumes	Calculated Volume

Well Diameter	Multiplier	Well Diameter	Multiplier
1"	0.04	4"	0.65
2"	0.16	6"	1.47
3"	0.37	Other	radius^2 * 0.163

Time	Temp (°F)	pH	Cond. (mS or µS)	Turbidity (NTUs)	Gals. Removed	Observations
1209	71.7	6.8	1591	47	4.1	Strong odor
1240	71.5	6.5	1648	91	8.2	"
1289	21.4	6.5	1663	97	12.3	"

Did well dewater? Yes (No) Gallons actually evacuated: 12.3

Sampling Date: 9/2/09 Sampling Time: 1285 Depth to Water: 14.16

Sample I.D.: MW-9 Laboratory: (CalScience) Columbia Other_____

Analyzed for: TPH-G BTEX MTBE TPH-D Oxygenates (5) Other: See CoC

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 WELLHEAD INSPECTION FORM

(FOR SAMPLE TECHNICIAN)

Site Address 610 Market St. Oakland CA Date 9/2/09

Job Number 090902-DR1 Technician DR 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							
mw-2	X								Same as MW-3
mw-3	X								Vault. Round fiber glass lid.
mw-4							X		1 of 2 tabs stripped.
mw-5							X		1 of 2 tabs broken.
mw-6	X								Same as MW-3
mw-7	X								Same as MW-3
mw-8	X								Same as MW-3
mw-9							X		Badly damaged well. Box is gone. Casing is broken. No lock. Open to environment.

*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: