CONESTOGA-ROVERS & ASSOCIATES

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

TRANSMITTAL

DATE: November 4, 2008

REFERENCE NO.: 240594

PROJECT NAME: 610 Market Street, San Leandro

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

RECEIVED
1:40 pm, Nov 10, 2008
Alameda County
Environmental Health

Please find enclosed:
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QUANTITY	DESCRIPTION
	Groundwater Monitoring Report – Third Quarter 2008

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

COMMENTS:

Copy to: Denis Brown
Virginia R. Rawson
Roger Schmidt
SF Data Room

Completed by: Peter Schaefer [Please Print]

Signed: Peter Schaefer

Filing: **Correspondence File** **PS/bc/1**

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 Health Care Services Agency
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
ACHCSA 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 2008

SHELL-BRANDED SERVICE STATION
610 MARKET STREET
OAKLAND, CALIFORNIA

SAP CODE	135692
INCIDENT NO.	98995750
AGENCY NO.	RO0000493

NOVEMBER 4, 2008
REF. NO. 240594 (1)
This report is printed on recycled paper.

Prepared by:
Conestoga-Rovers & Associates

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

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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	ACHCSA, Jerry Wickham
Agency Case No.	RO0000493
Shell SAP Code	135692
Shell Incident No.	98995750

Date of most recent agency correspondence was March 1, 2006.

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-southwesterly
Hydraulic Gradient	0.004
Depth to Water	12.00 to 15.31 feet below top of well casing

2.3 PROPOSED ACTIVITIES FOR NEXT QUARTER

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

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

Peter Schaefer, CHG, CEG
Project Manager

Aubrey K. Cool, PG
Professional Geologist

FIGURES

10/31/08

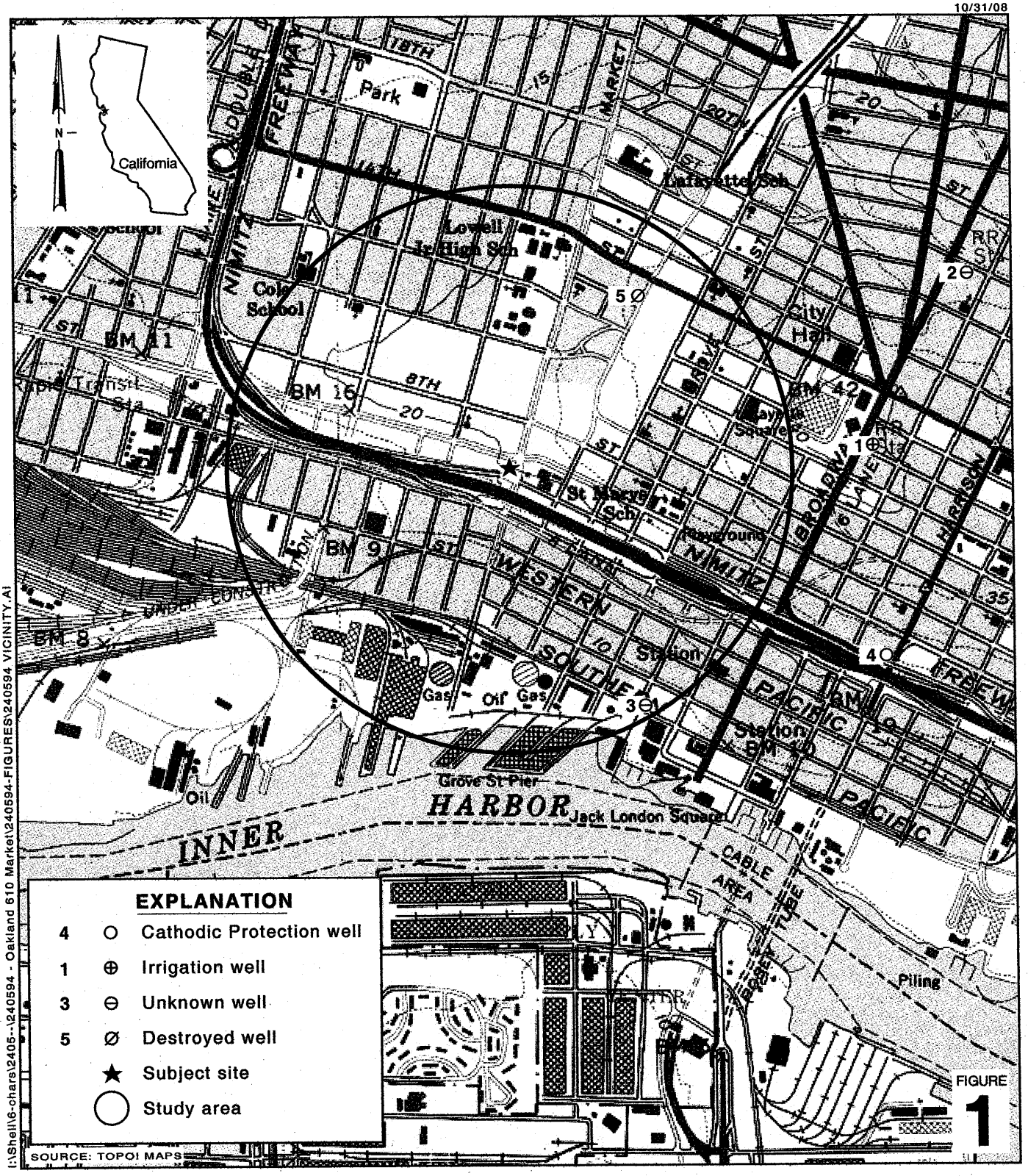

FIGURE 1

0 1/8 1/4 1/2 1

SCALE : 1" = 1/4 MILE

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

11/04/08

EXPLANATION

- MW-1 — Monitoring well location
- MW-2 — Monitoring well used for groundwater extraction
- T1 — Tank observation well location
- SB-E — Soil boring location (4/17/02)
- SB-A — Geoprobe boring location (3/31/98)
- 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
- 0.02 — 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-2: 4.99* / ND / 3.7 / 4,200
MW-8: 3.40* / 32 / 63 / 930
MW-7: 5.99 / NDa / NDa / 36,000
MW-6: 5.82 / NDa / NDa / 44,000
MW-5: 5.78 / ND / 3.3 / 560
MW-4: 5.68 / ND / 4.5 / ND
MW-3: 6.08 / 9.3 / 13 / 1,200
MW-1: 6.39 / 3.8 / 14 / ND
MW-9: 5.86 / ND / 17 / ND

Dispensers
Kiosk
Former Dispenser Island
USTs
Car Wash
Planter
Remediation Enclosure
EFF
INF
SB-A
SB-B
SB-C
SB-E
SB-F
T1
T2

0 15 30 60
Scale (ft)

Groundwater Contour and Chemical Concentration Map

September 25, 2008

CONESTOGA-ROVERS & ASSOCIATES

Shell-branded Service Station

610 Market Sreet
Oakland, California

FIGURE
2

I:\Shell\66-chem\0405--0240594 - Oakland 610 Market\0240594-REPORTS\0240594-RPT1-3q08gym04f0594 3Q4M08.DWG

APPENDIX A

BLAINE TECH SERVICES, INC. –
GROUNDWATER MONITORING REPORT

BLAINE
TECH SERVICES INC.

GROUNDWATER SAMPLING SPECIALISTS
SINCE 1985

October 15, 2008

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

Third Quarter 2008 Groundwater Monitoring at
Shell-branded Service Station
610 Market Street
Oakland, CA

Monitoring performed on September 25, 2008

Groundwater Monitoring Report **080925-AK-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/tm

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	2,200	20	<10	110	420	<50	NA	NA	NA	NA	NA	21.70	13.71	7.99
MW-1	3/9/1999	4,320	25.8	<10.0	338	474	<100	NA	NA	NA	NA	NA	21.70	13.03	8.67
MW-1	6/16/1999	6,150	107	84.0	615	1,050	<250	NA	NA	NA	NA	NA	21.70	13.82	7.88
MW-1	9/29/1999	3,440	97.3	58.7	433	578	89.1	NA	NA	NA	NA	NA	21.70	14.45	7.25
MW-1	12/22/1999	1,370	34.5	4.38	196	49.1	29.3	NA	NA	NA	NA	NA	21.70	15.39	6.31
MW-1	3/21/2000	2,550	10.3	3.36	164	312	65.6	NA	NA	NA	NA	NA	21.70	11.94	9.76
MW-1	6/20/2000	4,770	64.3	18.6	387	732	51.3	NA	NA	NA	NA	NA	21.70	13.15	8.55
MW-1	9/21/2000	7,490	350	229	690	1,490	160	NA	NA	NA	NA	NA	21.70	13.65	8.05
MW-1	11/30/2000	5,410	420	168	494	1,170	167	NA	NA	NA	NA	NA	21.70	14.20	7.50
MW-1	3/6/2001	965	25.7	9.14	13.3	9.12	<25.0	NA	NA	NA	NA	NA	21.70	12.99	8.71
MW-1	6/28/2001	5,900	190	71	360	910	NA	110	NA	NA	NA	NA	21.70	13.98	7.72
MW-1	9/12/2001	7,400	240	110	460	1,300	NA	130	NA	NA	NA	NA	21.70	14.15	7.55
MW-1	12/12/2001	1,700	100	30	120	300	NA	98	NA	NA	NA	NA	21.70	13.75	7.95
MW-1	3/8/2002	1,100	63	12	74	83	NA	50	NA	NA	NA	NA	21.70	13.22	8.48
MW-1	6/6/2002	2,300	95	31	130	290	NA	49	NA	NA	NA	NA	21.70	13.57	8.13
MW-1	9/9/2002	3,600	150	44	200	590	NA	54	NA	NA	NA	NA	21.70	14.05	7.65
MW-1	12/12/2002	2,200	130	14	120	310	NA	46	NA	NA	NA	NA	21.70	14.20	7.50
MW-1	2/26/2003	580	30	2.9	25	48	NA	27	NA	NA	NA	NA	21.70	13.57	8.13
MW-1	4/15/2003	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	21.70	13.67	8.03
MW-1	6/13/2003	440	18	6.1	33	88	NA	24	NA	NA	NA	NA	21.70	13.85	7.85
MW-1	9/26/2003	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	3/1/2004	350	20	3.8	38	100	NA	18	NA	NA	NA	NA	21.70	12.85	8.85
MW-1	6/15/2004	100	1.8	<0.50	2.6	6.1	NA	15	NA	NA	NA	NA	21.70	14.27	7.43
MW-1	9/16/2004	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	2/28/2005	60	1.8	<0.50	1.9	3.6	NA	22	NA	NA	NA	NA	21.70	12.45	9.25
MW-1	3/23/2005	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	5/18/2005	92	5.3	<0.50	5.4	12	NA	9.7	NA	NA	NA	NA	21.70	12.22	9.48
MW-1	8/16/2005	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	21.70	13.51	8.19
MW-1	9/15/2005	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	3/8/2006	<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	6/27/2006	180	22	1.9	8.0	25	NA	34	NA	NA	NA	NA	21.70	12.70	9.00
MW-1	9/25/2006	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	3/20/2007	<50	1.8	<0.50	<0.50	<1.0	NA	15	NA	NA	NA	NA	21.70	13.61	8.09
MW-1	6/18/2007	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	8/30/2007	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	3/26/2008	<50	3.7	<1.0	<1.0	<1.0	NA	12	NA	NA	NA	NA	21.70	14.16	7.54
MW-1	5/29/2008	310	20	1.3	13	39	NA	22	NA	NA	NA	NA	21.70	14.76	6.94
MW-1	**9/25/2008**	**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-2	12/17/1998	<5,000	<50	<50	<50	<50	11,000	NA	NA	NA	NA	NA	19.61	12.07	7.54
MW-2	3/9/1999	<250	5.20	<2.50	<2.50	<2.50	9,870	NA	NA	NA	NA	NA	19.61	11.46	8.15
MW-2	6/16/1999	<50.0	0.569	<0.500	<0.500	<0.500	3,440	NA	NA	NA	NA	NA	19.61	12.26	7.35
MW-2	9/29/1999	58.6	2.51	0.978	<0.500	<0.500	3,930	NA	NA	NA	NA	NA	19.61	12.51	7.10
MW-2	12/22/1999	<2,000	50.4	<20.0	<20.0	<20.0	15,000	NA	NA	NA	NA	NA	19.61	13.40	6.21
MW-2	3/21/2000	<5,000	94.7	<50.0	<50.0	<50.0	13,900	NA	NA	NA	NA	NA	19.61	10.36	9.25
MW-2	6/20/2000	101	5.95	<0.500	<0.500	0.552	7,670	NA	NA	NA	NA	NA	19.61	11.12	8.49
MW-2	9/21/2000	<2,000	<20.0	<20.0	<20.0	<20.0	4,460	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	3,450	NA	NA	NA	NA	NA	19.61	12.48	7.13
MW-2	3/6/2001	<500	183	<5.00	<5.00	<5.00	14,000	NA	NA	NA	NA	NA	19.61	11.10	8.51
MW-2	6/28/2001	<1,000	<10	<10	<10	<10	NA	4,200	NA	NA	NA	NA	19.61	12.40	7.21

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	9/12/2001	<2,000	120	<20	<20	<20	NA	17,000	NA	NA	NA	NA	19.61	12.45	7.16
MW-2	12/12/2001	<1,000	<10	<10	<10	<10	NA	3,000	NA	NA	NA	NA	19.61	12.14	7.47
MW-2	3/8/2002	<250	<2.5	<2.5	<2.5	<2.5	NA	1,100	NA	NA	NA	NA	19.61	11.68	7.93
MW-2	6/6/2002	<500	<5.0	<5.0	<5.0	<5.0	NA	2,000	NA	NA	NA	NA	19.61	11.95	7.66
MW-2	9/9/2002	<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	1,000	NA	NA	NA	NA	19.62	12.40	7.22
MW-2	2/26/2003	<500	<5.0	<5.0	<5.0	<5.0	NA	1,600	NA	NA	NA	NA	19.62	12.69	6.93
MW-2	4/15/2003	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	19.62	12.81	6.81
MW-2	6/13/2003	<500	<5.0	<5.0	<5.0	<10	NA	790	NA	NA	NA	NA	19.62	12.65	6.97
MW-2	9/26/2003	<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	3/1/2004	<50	<0.50	<0.50	<0.50	<1.0	NA	35	NA	NA	NA	NA	18.20	10.08	8.12
MW-2	6/15/2004	66 b	<0.50	<0.50	<0.50	<1.0	NA	110	NA	NA	NA	NA	18.20	12.85	5.35
MW-2	9/16/2004	<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	2/28/2005	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	18.20	9.71	8.49
MW-2	3/23/2005	340 f	3.9	<2.0	<2.0	<4.0	NA	370	NA	NA	NA	NA	18.20	10.10	8.10
MW-2	5/18/2005	<100	4.6	<1.0	<1.0	3.3	NA	160	NA	NA	NA	NA	18.20	10.21	7.99
MW-2	8/16/2005	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	18.20	10.53	7.67
MW-2	9/15/2005	<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	3/8/2006	<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	6/27/2006	<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
MW-2	9/25/2006	83 n	<2.5	<2.5	<2.5	<5.0	NA	<5.0	<5.0	<5.0	<5.0	4,500	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	3/20/2007	<50	0.98	<0.50	<0.50	<1.0	NA	18	NA	NA	NA	NA	18.20	10.76	7.44
MW-2	6/18/2007	86 q	<0.50	<1.0	<1.0	<1.0	NA	2.4	NA	NA	NA	NA	18.20	11.35	6.85

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	8/30/2007	110 r	<0.50	<1.0	<1.0	<1.0	NA	2.2	6.3	0.30 p	<2.0	2,700	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	3/26/2008	<50	<0.50	<1.0	<1.0	<1.0	NA	<1.0	NA	NA	NA	NA	18.20	11.23	6.97
MW-2	5/29/2008	130	<0.50	<1.0	<1.0	<1.0	NA	3.0	NA	NA	NA	NA	18.20	11.83	6.37
MW-2	**9/25/2008**	**380**	**<0.50**	**<1.0**	**<1.0**	**<1.0**	**NA**	**3.7**	**7.9**	**<2.0**	**<2.0**	**4,200**	**18.20**	**13.21**	**4.99**
MW-3	12/17/1998	30,000	890	110	2,100	4,300	42,000	43,000	NA	NA	NA	NA	19.05	11.65	7.40
MW-3	3/9/1999	22,700	536	<200	1,030	1,510	35,400	38,500	NA	NA	NA	NA	19.05	11.03	8.02
MW-3	6/16/1999	19,300	625	129	805	1,210	42,400	51,600	NA	NA	NA	NA	19.05	11.89	7.16
MW-3	9/29/1999	20,200	727	155	1,000	1,180	84,100	136,000 a	NA	NA	NA	NA	19.05	12.35	6.70
MW-3	12/22/1999	44,500	767	64.4	1,810	2,090	191,000	186,000 a	NA	NA	NA	NA	19.05	13.45	5.60
MW-3	3/21/2000	<25,000	466	<250	727	2,280	126,000	155,000	NA	NA	NA	NA	19.05	10.00	9.05
MW-3	6/20/2000	16,200	1,140	98.8	1,140	1,410	579,000	376,000 a	NA	NA	NA	NA	19.05	11.15	7.90
MW-3	9/21/2000	<50,000	712	<500	520	795	293,000	298,000	NA	NA	NA	NA	19.05	11.58	7.47
MW-3	11/30/2000	18,000	1,050	124	1,120	2,010	543,000 a	403,000 a	NA	NA	NA	NA	19.05	12.10	6.95
MW-3	3/6/2001	19,900	1,290	115	1,450	1,760	706,000	149,000	NA	NA	NA	NA	19.05	11.00	8.05
MW-3	6/28/2001	<50,000	1,200	<250	1,100	1,300	NA	610,000	NA	NA	NA	NA	19.05	11.96	7.09
MW-3	9/12/2001	<20,000	430	<200	230	480	NA	390,000	NA	NA	NA	NA	19.05	12.05	7.00
MW-3	10/23/2001	11,000	350	<100	210	440	NA	290,000	NA	NA	NA	NA	19.05	12.62	6.43
MW-3	12/12/2001	<20,000	280	<200	<200	<200	NA	160,000	NA	NA	NA	NA	19.05	11.83	7.22
MW-3	3/8/2002	<20,000	270	<200	<200	<200	NA	340,000	NA	NA	NA	NA	19.05	11.26	7.79
MW-3	6/6/2002	<50,000	290	<250	<250	<250	NA	290,000	NA	NA	NA	NA	19.05	11.50	7.55
MW-3	9/9/2002	<20,000	<200	<200	<200	<200	NA	230,000	NA	NA	NA	NA	19.06	11.92	7.14
MW-3	12/12/2002	<50,000	<200	<200	<200	<500	NA	190,000	NA	NA	NA	NA	19.06	10.95	8.11
MW-3	2/26/2003	<25,000	<250	<250	<250	<250	NA	210,000	NA	NA	NA	NA	19.06	15.01	4.05
MW-3	4/15/2003	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	19.06	15.12	3.94
MW-3	6/13/2003	<25,000	<250	<250	<250	<500	NA	27,000	NA	NA	NA	NA	19.06	15.25	3.81
MW-3	9/26/2003	<10,000	<100	<100	<100	<200	NA	15,000	NA	NA	NA	NA	18.08	16.65 c	NA

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MW-3	11/24/2003	<10,000	<100	<100	<100	<200	NA	9,900	NA	NA	NA	NA	18.08	15.13	2.95
MW-3	3/1/2004	<10,000	<100	<100	<100	<200	NA	8,000	NA	NA	NA	NA	18.08	9.97	8.11
MW-3	6/15/2004	<10,000	<100	<100	<100	<200	NA	6,900	NA	NA	NA	NA	18.08	15.05	3.03
MW-3	9/16/2004	<500	<5.0	<5.0	<5.0	<10	NA	1,000	<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	2/28/2005	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	18.08	9.60	8.48
MW-3	3/23/2005	<1,000	<10	<10	<10	<20	NA	1,500	NA	NA	NA	NA	18.08	12.68	5.40
MW-3	5/18/2005	1,200	49	<10	47	<20	NA	3,400	NA	NA	NA	NA	18.08	10.60	7.48
MW-3	8/16/2005	NA	NA	NA	NA	NA	NA	330	NA	NA	NA	NA	18.08	15.22	2.86
MW-3	9/15/2005	<1,000	<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	3/8/2006	627	2.62	<0.500	1.71	1.25	NA	175	NA	NA	NA	483	18.08	14.95	3.13
MW-3	6/27/2006	530	8.3	<2.5	9.5	3.5	NA	100	NA	NA	NA	NA	18.08	14.63	3.45
MW-3	9/25/2006	520	12	<2.5	6.5	<5.0	NA	110	<5.0	<5.0	<5.0	2,900	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	3/20/2007	150	0.96	1.2	<0.50	<1.0	NA	19	NA	NA	NA	300	18.08	11.35	6.73
MW-3	6/18/2007	180	2.2	<1.0	<1.0	<1.0	NA	14	NA	NA	NA	780	18.08	11.22	6.86
MW-3	8/30/2007	200 r	3.5	<1.0	<1.0	0.29 p	NA	29	<2.0	<2.0	<2.0	1,500	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
MW-3	3/26/2008	120	1.3	1.6	<1.0	<1.0	NA	3.4	NA	NA	NA	150	18.08	11.05	7.03
MW-3	5/29/2008	130	2.4	<1.0	<1.0	<1.0	NA	6.0	NA	NA	NA	250	18.08	11.69	6.39
MW-3	**9/25/2008**	**410**	**9.3**	**<1.0**	**<1.0**	**<1.0**	**NA**	**13**	**<2.0**	**<2.0**	**<2.0**	**1,200**	**18.08**	**12.00**	**6.08**
MW-4	5/13/2002	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	10.64	NA
MW-4	5/20/2002	<1,000	<10	<10	<10	<10	NA	4,600	NA	NA	NA	NA	NA	10.64	NA
MW-4	6/6/2002	<1,000	<10	<10	<10	<10	NA	4,800	NA	NA	NA	NA	NA	10.61	NA
MW-4	9/9/2002	Unable to sample		NA	NA	NA	NA	NA	NA	NA	NA	NA	18.03	11.07	6.96

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MW-4	9/18/2002	<250	<2.5	<2.5	<2.5	<2.5	NA	1,000	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	2/26/2003	<50	<0.50	<0.50	<0.50	<0.50	NA	<5.0	NA	NA	NA	NA	18.03	10.61	7.42
MW-4	4/15/2003	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	18.03	10.73	7.30
MW-4	6/13/2003	180 b	<0.50	110	<0.50	<1.0	NA	2.3	NA	NA	NA	NA	18.03	10.88	7.15
MW-4	9/26/2003	<5,000	<50	<50	<50	<100	NA	13,000	NA	NA	NA	NA	18.03	11.58	6.45
MW-4	11/24/2003	<13,000	<130	<130	<130	<250	NA	11,000	NA	NA	NA	NA	18.03	11.78	6.25
MW-4	3/1/2004	<50	<0.50	<0.50	<0.50	<1.0	NA	<0.50	NA	NA	NA	NA	18.03	9.47	8.56
MW-4	6/15/2004	<500	<5.0	<5.0	<5.0	<10	NA	630	NA	NA	NA	NA	18.03	11.38	6.65
MW-4	9/16/2004	<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	2/28/2005	<50	<0.50	<0.50	<0.50	<1.0	NA	<0.50	NA	NA	NA	NA	18.03	9.20	8.83
MW-4	3/23/2005	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	18.03	9.43	8.60
MW-4	5/18/2005	1,900	<5.0	<5.0	16	97	NA	910	NA	NA	NA	NA	18.03	9.75	8.28
MW-4	8/16/2005	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	18.03	10.85	7.18
MW-4	9/15/2005	<2,500	<25	<25	<25	85	NA	5,100	<100	<100	<100	400	18.03	11.30	6.73
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	3,480	<0.500	1.54 h	<0.500	<0.500	NA	2,490 j	NA	NA	NA	201	18.03	11.70	6.33
MW-4	3/8/2006	1,560	<0.500	0.910	<0.500	3.39	NA	0.870	NA	NA	NA	<10.0	18.03	9.25	8.78
MW-4	6/27/2006	75	<0.50	18	<0.50	<0.50	NA	63	NA	NA	NA	<20	18.03	10.12	7.91
MW-4	9/25/2006	670 n	<10	<10	<10	<20	NA	1,400	<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	3/20/2007	<50	<0.50	<0.50	<0.50	<1.0	NA	<1.0	NA	NA	NA	<10	18.03	9.84	8.19
MW-4	6/18/2007	<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	8/30/2007	<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	3/26/2008	<50	<0.50	<1.0	<1.0	<1.0	NA	<1.0	NA	NA	NA	<10	18.03	11.34	6.69
MW-4	5/29/2008	<50	<0.50	<1.0	<1.0	<1.0	NA	3.4	NA	NA	NA	<10	18.03	11.87	6.16

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MW-4	**9/25/2008**	**<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-5	5/13/2002	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	10.40	NA
MW-5	5/20/2002	<2,500	<25	<25	<25	<25	NA	17,000	NA	NA	NA	NA	NA	10.41	NA
MW-5	6/6/2002	<5,000	<50	<50	<50	<50	NA	15,000	NA	NA	NA	NA	NA	10.36	NA
MW-5	9/9/2002	Unable to sample		NA	NA	NA	NA	NA	NA	NA	NA	NA	17.78	10.82	6.96
MW-5	9/18/2002	<2,500	<25	<25	<25	<25	NA	16,000	NA	NA	NA	NA	17.78	10.81	6.97
MW-5	12/12/2002	<2,500	<25	<25	<25	<25	NA	13,000	NA	NA	NA	NA	17.78	10.83	6.95
MW-5	2/26/2003	<2,000	<20	<20	<20	<20	NA	7,500	NA	NA	NA	NA	17.78	10.57	7.21
MW-5	4/15/2003	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	17.78	10.69	7.09
MW-5	6/13/2003	<2,500	<25	<25	<25	<50	NA	4,400	NA	NA	NA	NA	17.78	10.82	6.96
MW-5	9/26/2003	<2,500	<25	<25	<25	<50	NA	4,700	NA	NA	NA	NA	17.78	11.49	6.29
MW-5	11/24/2003	<10,000	<100	<100	<100	<200	NA	7,100	NA	NA	NA	NA	17.78	11.70	6.08
MW-5	3/1/2004	<2,000	<20	<20	<20	<40	NA	2,800	NA	NA	NA	NA	17.78	9.68	8.10
MW-5	6/15/2004	<2,000	<20	<20	<20	<40	NA	2,100	NA	NA	NA	NA	17.78	11.28	6.50
MW-5	9/16/2004	<2,000	<20	<20	<20	<40	NA	2,200	<80	<80	<80	2,800	17.78	11.62	6.16
MW-5	12/29/2004	<2,000	<20	<20	<20	<40	NA	3,700	NA	NA	NA	NA	17.78	11.11	6.67
MW-5	2/28/2005	<200	<2.0	<2.0	<2.0	<4.0	NA	740	NA	NA	NA	NA	17.78	9.50	8.28
MW-5	3/23/2005	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	17.78	9.70	8.08
MW-5	5/18/2005	<50 g	<0.50	<0.50	<0.50	<1.0	NA	180	NA	NA	NA	NA	17.78	9.49	8.29
MW-5	6/17/2005	NA	NA	NA	NA	NA	NA	270	NA	NA	NA	NA	17.78	9.89	7.89
MW-5	7/15/2005	NA	NA	NA	NA	NA	NA	350	NA	NA	NA	NA	17.78	10.20	7.58
MW-5	8/16/2005	NA	NA	NA	NA	NA	NA	270	NA	NA	NA	NA	17.78	10.50	7.28
MW-5	9/15/2005	<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	3/8/2006	330	<0.500	<0.500	<0.500	<0.500	NA	169	NA	NA	NA	206	17.78	9.30	8.48
MW-5	6/27/2006	<50	<0.50	<0.50	<0.50	<0.50	NA	60	NA	NA	NA	75	17.78	9.83	7.95

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MW-5	9/25/2006	<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	3/20/2007	<50	<0.50	<0.50	<0.50	<1.0	NA	1.7	NA	NA	NA	<10	17.78	10.51	7.27
MW-5	6/18/2007	<50	<0.50	<1.0	<1.0	<1.0	NA	2.0	NA	NA	NA	61	17.78	11.18	6.60
MW-5	8/30/2007	<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	3/26/2008	<50	<0.50	<1.0	<1.0	<1.0	NA	1.7	NA	NA	NA	55	17.78	11.11	6.67
MW-5	5/29/2008	65	<0.50	<1.0	<1.0	<1.0	NA	3.9	NA	NA	NA	940	17.78	11.52	6.26
MW-5	**9/25/2008**	**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-6	3/28/2003	Well inaccessible		NA	NA	NA	NA	NA	NA	NA	NA	NA	18.10	NA	NA
MW-6	4/7/2003	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	18.10	13.80	4.30
MW-6	4/15/2003	14,000	<250	<250	<250	<500	NA	41,000	NA	NA	NA	NA	18.10	15.05	3.05
MW-6	6/13/2003	<10,000	<100	<100	<100	<200	NA	27,000	NA	NA	NA	NA	18.10	14.42	3.68
MW-6	9/26/2003	<5,000	<50	<50	<50	<100	NA	11,000	NA	NA	NA	NA	18.05	18.35 c	NA
MW-6	11/24/2003	<10,000	<100	<100	<100	<200	NA	5,000	NA	NA	NA	NA	18.05	14.68	3.37
MW-6	3/1/2004	<1,000	<10	<10	<10	<20	NA	2,500	NA	NA	NA	NA	18.05	9.84	8.21
MW-6	6/15/2004	<1,000	<10	<10	<10	<20	NA	2,800	NA	NA	NA	NA	18.05	14.82	3.23
MW-6	9/16/2004	<1,000	<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	2/28/2005	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	18.05	9.58	8.47
MW-6	3/23/2005	290 f	<2.0	<2.0	<2.0	<4.0	NA	590	NA	NA	NA	NA	18.05	14.22	3.83
MW-6	5/18/2005	390	8.7	<0.50	0.93	9.0	NA	68	NA	NA	NA	NA	18.05	9.79	8.26
MW-6	8/16/2005	NA	NA	NA	NA	NA	NA	34	NA	NA	NA	NA	18.05	10.64	7.41
MW-6	9/15/2005	<500	<5.0	<5.0	<5.0	<10	NA	45	<20	<20	<20	21,000 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	11,300 i	18.05	11.22	6.83
MW-6	3/8/2006	2,110	<0.500	<0.500	<0.500	<0.500	NA	29.6	NA	NA	NA	21,800	18.05	9.50	8.55

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	6/27/2006	510	<0.50	<0.50	<0.50	<0.50	NA	94	NA	NA	NA	<20	18.05	9.84	8.21
MW-6	9/25/2006	730 n	<25	<25	<25	<50	NA	<50	<50	<50	<50	16,000	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	33,000	18.05	11.12	6.93
MW-6	3/20/2007	<1,200 o	<12	<12	<12	<25	NA	30	NA	NA	NA	33,000	18.05	10.66	7.39
MW-6	6/18/2007	400	<0.50	<1.0	<1.0	<1.0	NA	34	NA	NA	NA	82,000	18.05	11.30	6.75
MW-6	8/30/2007	650 r	<50	<100	<100	<100	NA	38 p	<200	<200	<200	32,000	18.05	11.81	6.24
MW-6	12/28/2007	170 r	<25	<50	<50	<50	NA	28 p	NA	NA	NA	36,000	18.05	11.97	6.08
MW-6	3/26/2008	1,300	<5.0	<10	<10	<10	NA	26	NA	NA	NA	36,000	18.05	10.83	7.22
MW-6	5/29/2008	2,500	<25	<50	<50	<50	NA	<50	NA	NA	NA	41,000	18.05	11.80	6.25
MW-6	**9/25/2008**	**4,100**	**<25**	**<50**	**<50**	**<50**	**NA**	**<50**	**<100**	**<100**	**<100**	**44,000**	**18.05**	**12.23**	**5.82**
MW-7	3/28/2003	Well inaccessible		NA	NA	NA	NA	NA	NA	NA	NA	NA	19.16	NA	NA
MW-7	4/7/2003	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	19.16	13.85	5.31
MW-7	4/15/2003	6,000	<100	<100	<100	<200	NA	19,000	NA	NA	NA	NA	19.16	13.95	5.21
MW-7	6/13/2003	<5,000	<50	<50	<50	<100	NA	5,700	NA	NA	NA	NA	19.16	13.92	5.24
MW-7	9/26/2003	<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	3/1/2004	67 b	<0.50	<0.50	<0.50	<1.0	NA	120	NA	NA	NA	NA	19.13	10.85	8.28
MW-7	6/15/2004	120 b	<0.50	<0.50	<0.50	<1.0	NA	89	NA	NA	NA	NA	19.13	13.27	5.86
MW-7	9/16/2004	<500	<5.0	<5.0	<5.0	<10	NA	130	<20	<20	<20	4,700	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	2/28/2005	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	19.13	10.59	8.54
MW-7	3/23/2005	<1,000	<10	<10	<10	<20	NA	16	NA	NA	NA	NA	19.13	11.16	7.97
MW-7	5/18/2005	67 g	<0.50	<0.50	<0.50	<1.0	NA	12	NA	NA	NA	NA	19.13	10.42	8.71
MW-7	8/16/2005	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	19.13	11.52	7.61
MW-7	9/15/2005	<500	<5.0	<5.0	<5.0	<10	NA	75	<20	<20	<20	16,000	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	1,210	<0.500	<0.500	<0.500	<0.500	NA	19.1	NA	NA	NA	14,600 i	19.13	12.15	6.98

WELL CONCENTRATIONS
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MW-7	3/8/2006	989	<0.500	<0.500	<0.500	<0.500	NA	7.29	NA	NA	NA	14,000	19.13	10.70	8.43
MW-7	6/27/2006	370	<0.50	<0.50	<0.50	<0.50	NA	16	NA	NA	NA	20,000 l	19.13	10.77	8.36
MW-7	9/25/2006	840 n	<10	<10	<10	<20	NA	<20	<20	<20	<20	22,000	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	27,000	19.13	12.18	6.95
MW-7	3/20/2007	460 n	<50	<50	<50	<100	NA	<100	NA	NA	NA	24,000	19.13	11.67	7.46
MW-7	6/18/2007	310 q	<5.0	<10	<10	<10	NA	2.7 p	NA	NA	NA	32,000	19.13	12.31	6.82
MW-7	8/30/2007	560 r	<25	<50	<50	<50	NA	<50	<100	<100	<100	28,000	19.13	12.76	6.37
MW-7	12/28/2007	74 r	<25	<50	<50	<50	NA	<50	NA	NA	NA	26,000	19.13	12.85	6.28
MW-7	3/26/2008	1,400	<5.0	<10	<10	<10	NA	<10	NA	NA	NA	32,000	19.13	12.04	7.09
MW-7	5/29/2008	3,000	<25	<50	<50	<50	NA	<50	NA	NA	NA	44,000	19.13	12.80	6.33
MW-7	**9/25/2008**	**3,600**	**<25**	**<50**	**<50**	**<50**	**NA**	**<50**	**<100**	**<100**	**<100**	**36,000**	**19.13**	**13.14**	**5.99**
MW-8	3/28/2003	Well inaccessible		NA	NA	NA	NA	NA	NA	NA	NA	NA	18.72	NA	NA
MW-8	4/7/2003	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	18.72	14.13	4.59
MW-8	4/15/2003	890	29	22	15	71	NA	430	NA	NA	NA	NA	18.72	14.10	4.62
MW-8	6/13/2003	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	18.72	13.94	4.78
MW-8	9/26/2003	<250	55	51	33	140	NA	330	NA	NA	NA	NA	18.71	14.21	4.50
MW-8	11/24/2003	<5,000	<50	<50	<50	<100	NA	5,600	NA	NA	NA	NA	18.71	14.16	4.55
MW-8	3/1/2004	<50	<0.50	<0.50	<0.50	<1.0	NA	12	NA	NA	NA	NA	18.71	10.34	8.37
MW-8	6/15/2004	2,800	170	240	140	560	NA	440	NA	NA	NA	NA	18.71	13.88	4.83
MW-8	9/16/2004	2,500	180	200	120	490	NA	480	<10	<10	<10	260	18.71	13.92	4.79
MW-8	12/29/2004	4,400	360	600	280	1,400	NA	690	NA	NA	NA	NA	18.71	13.44	5.27
MW-8	2/28/2005	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	18.71	10.15	8.56
MW-8	3/23/2005	2,800	120	190	110	420	NA	300	NA	NA	NA	NA	18.71	13.79	4.92
MW-8	5/18/2005	250	34	3.4	6.6	27	NA	110	NA	NA	NA	NA	18.71	10.85	7.86
MW-8	8/16/2005	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	18.71	10.95	7.76
MW-8	9/15/2005	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
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MW-8	12/13/2005	1,180	49.6	4.89 h	15.2	76.0	NA	320 j	NA	NA	NA	1,870	18.71	11.80	6.91
MW-8	3/8/2006	1,040	48.0	1.82	5.07	19.9	NA	271	NA	NA	NA	190	18.71	10.50	8.21
MW-8	6/27/2006	730	80	<2.5	8.6	28	NA	360	NA	NA	NA	500 k	18.71	10.00	8.71
MW-8	9/25/2006	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	1,200	140	3.8	2.3	12	NA	190	NA	NA	NA	1,100	18.71	12.08	6.63
MW-8	3/20/2007	660	100	2.3	1.3	2.9	NA	280	NA	NA	NA	660	18.71	11.56	7.15
MW-8	6/18/2007	1,200	270	4.9	2.0	6.21	NA	230	NA	NA	NA	1,300	18.71	11.72	6.99
MW-8	8/30/2007	1,100 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	3/26/2008	240	19	<1.0	<1.0	<1.0	NA	58	NA	NA	NA	390	18.71	11.45	7.26
MW-8	5/29/2008	290	25	<1.0	<1.0	<1.0	NA	99	NA	NA	NA	800	18.71	12.13	6.58
MW-8	**9/25/2008**	**500**	**32**	**<1.0**	**<1.0**	**1.3**	**NA**	**63**	**2.5**	**<2.0**	**<2.0**	**930**	**18.71**	**15.31**	**3.40**
MW-9	3/28/2003	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	18.78	11.19	7.59
MW-9	4/15/2003	420	<2.5	<2.5	<2.5	6.3	NA	37	NA	NA	NA	NA	18.78	11.24	7.54
MW-9	6/13/2003	290 b	<0.50	<0.50	<0.50	2.6	NA	34	NA	NA	NA	NA	18.78	11.39	7.39
MW-9	9/26/2003	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	3/1/2004	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	6/15/2004	280	<0.50	<0.50	<0.50	1.9	NA	8.3	NA	NA	NA	NA	18.78	11.88	6.90
MW-9	9/16/2004	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	2/28/2005	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	3/23/2005	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	18.78	10.14	8.64
MW-9	5/18/2005	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	8/16/2005	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	18.78	11.25	7.53
MW-9	9/15/2005	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

WELL CONCENTRATIONS
Shell-branded Service Station
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Oakland, CA

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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	3/8/2006	205	<0.500	<0.500	<0.500	<0.500	NA	1.45	NA	NA	NA	NA	18.78	10.05	8.73
MW-9	6/27/2006	260	<0.50	<0.50	<0.50	<0.50	NA	1.9	NA	NA	NA	NA	18.78	10.64	8.14
MW-9	9/25/2006	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	3/20/2007	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	6/18/2007	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	8/30/2007	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	3/26/2008	89	<0.50	<1.0	<1.0	<1.0	NA	1.6	NA	NA	NA	NA	18.78	12.30	6.48
MW-9	5/29/2008	130	<0.50	<1.0	<1.0	<1.0	NA	7.4	NA	NA	NA	NA	18.78	12.61	6.17
MW-9	**9/25/2008**	**63**	**<0.50**	**<1.0**	**<1.0**	**<1.0**	**NA**	**17**	**<2.0**	**<2.0**	**<2.0**	**<10**	**18.78**	**12.92**	**5.86**

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)

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

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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)

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

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.

Calscience
Environmental
Laboratories, Inc.

ACCREDITED IN ACCORDANCE WITH nelac

October 14, 2008

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

Subject: **Calscience Work Order No.:** **08-10-0017**
Client Reference: **610 Market St., Oakland, CA**

Dear Client:

Enclosed is an analytical report for the above-referenced project. The samples included in this report were received 10/1/2008 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,

Philip Samelle for

Calscience Environmental
Laboratories, Inc.
Jessie Kim
Project Manager

Calscience Environmental Laboratories, Inc.

Analytical Report

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

Date Received: 10/01/08
Work Order No: 08-10-0017
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-1	08-10-0017-1-A	09/25/08 10:40	Aqueous	GC/MS R	10/02/08	10/02/08 16:36	081002L01

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
TPPH	66	50	1		Methyl-t-Butyl Ether (MTBE)	14	1.0	1	
Benzene	3.8	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	
p/m-Xylene	ND	1.0	1		Tert-Amyl-Methyl Ether (TAME)	ND	2.0	1	
o-Xylene	ND	1.0	1						
Surrogates:	REC (%)	Control Limits		Qual	Surrogates:	REC (%)	Control Limits		Qual
1,4-Bromofluorobenzene	102	70-130			1,4-Bromofluorobenzene-TPPH	100	70-130		

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
MW-2	08-10-0017-2-A	09/25/08 09:30	Aqueous	GC/MS R	10/02/08	10/02/08 18:06	081002L01

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
TPPH	380	50	1		Methyl-t-Butyl Ether (MTBE)	3.7	1.0	1	
Benzene	ND	0.50	1		Tert-Butyl Alcohol (TBA)	4200	100	10	
Ethylbenzene	ND	1.0	1		Diisopropyl Ether (DIPE)	7.9	2.0	1	
Toluene	ND	1.0	1		Ethyl-t-Butyl Ether (ETBE)	ND	2.0	1	
p/m-Xylene	ND	1.0	1		Tert-Amyl-Methyl Ether (TAME)	ND	2.0	1	
o-Xylene	ND	1.0	1						
Surrogates:	REC (%)	Control Limits		Qual	Surrogates:	REC (%)	Control Limits		Qual
1,4-Bromofluorobenzene	103	70-130			1,4-Bromofluorobenzene-TPPH	102	70-130		

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
MW-3	08-10-0017-3-A	09/25/08 10:15	Aqueous	GC/MS R	10/02/08	10/02/08 18:36	081002L01

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
TPPH	410	50	1		Methyl-t-Butyl Ether (MTBE)	13	1.0	1	
Benzene	9.3	0.50	1		Tert-Butyl Alcohol (TBA)	1200	50	5	
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	
p/m-Xylene	ND	1.0	1		Tert-Amyl-Methyl Ether (TAME)	ND	2.0	1	
o-Xylene	ND	1.0	1						
Surrogates:	REC (%)	Control Limits		Qual	Surrogates:	REC (%)	Control Limits		Qual
1,4-Bromofluorobenzene	104	70-130			1,4-Bromofluorobenzene-TPPH	102	70-130		

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: 10/01/08
Work Order No: 08-10-0017
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	08-10-0017-4-B	09/25/08 11:25	Aqueous	GC/MS R	10/04/08	10/05/08 02:16	081004L01

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
TPPH	ND	50	1		Methyl-t-Butyl Ether (MTBE)	4.5	1.0	1	
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	1.3	1.0	1		Ethyl-t-Butyl Ether (ETBE)	ND	2.0	1	
p/m-Xylene	ND	1.0	1		Tert-Amyl-Methyl Ether (TAME)	ND	2.0	1	
o-Xylene	ND	1.0	1						

Surrogates:	REC (%)	Control Limits	Qual	Surrogates:	REC (%)	Control Limits	Qual
1,4-Bromofluorobenzene	97	70-130		1,4-Bromofluorobenzene-TPPH	98	70-130	

MW-5	08-10-0017-5-A	09/25/08 11:35	Aqueous	GC/MS R	10/02/08	10/02/08 19:35	081002L01

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
TPPH	64	50	1		Methyl-t-Butyl Ether (MTBE)	3.3	1.0	1	
Benzene	ND	0.50	1		Tert-Butyl Alcohol (TBA)	560	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	
p/m-Xylene	ND	1.0	1		Tert-Amyl-Methyl Ether (TAME)	ND	2.0	1	
o-Xylene	ND	1.0	1						

Surrogates:	REC (%)	Control Limits	Qual	Surrogates:	REC (%)	Control Limits	Qual
1,4-Bromofluorobenzene	104	70-130		1,4-Bromofluorobenzene-TPPH	103	70-130	

MW-6	08-10-0017-6-A	09/25/08 10:05	Aqueous	GC/MS R	10/02/08	10/02/08 20:05	081002L01

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
TPPH	4100	2500	50		Methyl-t-Butyl Ether (MTBE)	ND	50	50	
Benzene	ND	25	50		Tert-Butyl Alcohol (TBA)	44000	500	50	
Ethylbenzene	ND	50	50		Diisopropyl Ether (DIPE)	ND	100	50	
Toluene	ND	50	50		Ethyl-t-Butyl Ether (ETBE)	ND	100	50	
p/m-Xylene	ND	50	50		Tert-Amyl-Methyl Ether (TAME)	ND	100	50	
o-Xylene	ND	50	50						

Surrogates:	REC (%)	Control Limits	Qual	Surrogates:	REC (%)	Control Limits	Qual
1,4-Bromofluorobenzene	104	70-130		1,4-Bromofluorobenzene-TPPH	103	70-130	

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: 10/01/08
Work Order No: 08-10-0017
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-7	08-10-0017-7-A	09/25/08 10:50	Aqueous	GC/MS R	10/02/08	10/02/08 20:35	081002L01

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
TPPH	3600	2500	50		Methyl-t-Butyl Ether (MTBE)	ND	50	50	
Benzene	ND	25	50		Tert-Butyl Alcohol (TBA)	36000	500	50	
Ethylbenzene	ND	50	50		Diisopropyl Ether (DIPE)	ND	100	50	
Toluene	ND	50	50		Ethyl-t-Butyl Ether (ETBE)	ND	100	50	
p/m-Xylene	ND	50	50		Tert-Amyl-Methyl Ether (TAME)	ND	100	50	
o-Xylene	ND	50	50						
Surrogates:	REC (%)	Control Limits		Qual	Surrogates:	REC (%)	Control Limits		Qual
1,4-Bromofluorobenzene	101	70-130			1,4-Bromofluorobenzene-TPPH	100	70-130		

MW-8	08-10-0017-8-A	09/25/08 09:20	Aqueous	GC/MS R	10/02/08	10/02/08 21:05	081002L01

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
TPPH	500	50	1		Methyl-t-Butyl Ether (MTBE)	63	1.0	1	
Benzene	32	0.50	1		Tert-Butyl Alcohol (TBA)	930	10	1	
Ethylbenzene	ND	1.0	1		Diisopropyl Ether (DIPE)	2.5	2.0	1	
Toluene	ND	1.0	1		Ethyl-t-Butyl Ether (ETBE)	ND	2.0	1	
p/m-Xylene	1.3	1.0	1		Tert-Amyl-Methyl Ether (TAME)	ND	2.0	1	
o-Xylene	ND	1.0	1						
Surrogates:	REC (%)	Control Limits		Qual	Surrogates:	REC (%)	Control Limits		Qual
1,4-Bromofluorobenzene	103	70-130			1,4-Bromofluorobenzene-TPPH	101	70-130		

MW-9	08-10-0017-9-A	09/25/08 08:30	Aqueous	GC/MS R	10/02/08	10/02/08 21:35	081002L01

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
TPPH	63	50	1		Methyl-t-Butyl Ether (MTBE)	17	1.0	1	
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	
p/m-Xylene	ND	1.0	1		Tert-Amyl-Methyl Ether (TAME)	ND	2.0	1	
o-Xylene	ND	1.0	1						
Surrogates:	REC (%)	Control Limits		Qual	Surrogates:	REC (%)	Control Limits		Qual
1,4-Bromofluorobenzene	103	70-130			1,4-Bromofluorobenzene-TPPH	102	70-130		

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: 10/01/08
Work Order No: 08-10-0017
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	**099-12-715-979**	**N/A**	**Aqueous**	**GC/MS R**	**10/02/08**	**10/02/08 15:06**	**081002L01**

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
TPPH	ND	50	1		Methyl-t-Butyl Ether (MTBE)	ND	1.0	1	
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	
p/m-Xylene	ND	1.0	1		Tert-Amyl-Methyl Ether (TAME)	ND	2.0	1	
o-Xylene	ND	1.0	1						

Surrogates:	REC (%)	Control Limits	Qual	Surrogates:	REC (%)	Control Limits	Qual
1,4-Bromofluorobenzene	101	70-130		1,4-Bromofluorobenzene-TPPH	100	70-130	

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
Method Blank	**099-12-715-999**	**N/A**	**Aqueous**	**GC/MS R**	**10/04/08**	**10/04/08 23:18**	**081004L01**

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
TPPH	ND	50	1		Methyl-t-Butyl Ether (MTBE)	ND	1.0	1	
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	
p/m-Xylene	ND	1.0	1		Tert-Amyl-Methyl Ether (TAME)	ND	2.0	1	
o-Xylene	ND	1.0	1						

Surrogates:	REC (%)	Control Limits	Qual	Surrogates:	REC (%)	Control Limits	Qual
1,4-Bromofluorobenzene	94	70-130		1,4-Bromofluorobenzene-TPPH	95	70-130	

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

Calscience Environmental Laboratories, Inc.

Quality Control - Spike/Spike Duplicate

ACCREDITED IN ACCORDANCE WITH nelac

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

Date Received: 10/01/08
Work Order No: 08-10-0017
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
MW-1	Aqueous	GC/MS R	10/02/08	10/02/08	081002S01

Parameter	MS %REC	MSD %REC	%REC CL	RPD	RPD CL	Qualifiers
Benzene	91	91	70-130	1	0-30	
Ethylbenzene	100	99	70-130	1	0-30	
Toluene	97	97	70-130	0	0-30	
p/m-Xylene	103	102	70-130	0	0-30	
o-Xylene	103	102	70-130	1	0-30	
Methyl-t-Butyl Ether (MTBE)	121	114	70-130	5	0-30	
Tert-Butyl Alcohol (TBA)	120	93	70-130	25	0-30	
Diisopropyl Ether (DIPE)	102	101	70-130	0	0-30	
Ethyl-t-Butyl Ether (ETBE)	109	111	70-130	2	0-30	
Tert-Amyl-Methyl Ether (TAME)	108	109	70-130	2	0-30	
Ethanol	101	99	70-130	2	0-30	

RPD - Relative Percent Difference , CL - Control Limit

Calscience Environmental Laboratories, Inc.

Quality Control - Spike/Spike Duplicate

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

Date Received: 10/01/08
Work Order No: 08-10-0017
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
08-09-2388-7	Aqueous	GC/MS R	10/04/08	10/05/08	081004S01

Parameter	MS %REC	MSD %REC	%REC CL	RPD	RPD CL	Qualifiers
Benzene	93	92	70-130	1	0-30	
Ethylbenzene	95	94	70-130	1	0-30	
Toluene	96	95	70-130	1	0-30	
p/m-Xylene	93	94	70-130	0	0-30	
o-Xylene	96	95	70-130	1	0-30	
Methyl-t-Butyl Ether (MTBE)	95	95	70-130	1	0-30	
Tert-Butyl Alcohol (TBA)	108	95	70-130	10	0-30	
Diisopropyl Ether (DIPE)	94	94	70-130	1	0-30	
Ethyl-t-Butyl Ether (ETBE)	96	100	70-130	3	0-30	
Tert-Amyl-Methyl Ether (TAME)	94	96	70-130	2	0-30	
Ethanol	96	91	70-130	6	0-30	

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: 08-10-0017
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
099-12-715-979	Aqueous	GC/MS R	10/02/08	10/02/08	081002L01

Parameter	LCS %REC	LCSD %REC	%REC CL	ME_CL	RPD	RPD CL	Qualifiers
TPPH	95	100	65-135	53-147	5	0-30	
Benzene	94	91	70-130	60-140	2	0-30	
Ethylbenzene	102	103	70-130	60-140	0	0-30	
Toluene	98	98	70-130	60-140	0	0-30	
p/m-Xylene	108	107	70-130	60-140	1	0-30	
o-Xylene	107	106	70-130	60-140	1	0-30	
Methyl-t-Butyl Ether (MTBE)	107	114	70-130	60-140	6	0-30	
Tert-Butyl Alcohol (TBA)	105	136	70-130	60-140	26	0-30	ME
Diisopropyl Ether (DIPE)	101	99	70-130	60-140	1	0-30	
Ethyl-t-Butyl Ether (ETBE)	105	105	70-130	60-140	0	0-30	
Tert-Amyl-Methyl Ether (TAME)	102	101	70-130	60-140	0	0-30	
Ethanol	113	112	70-130	60-140	1	0-30	

Total number of LCS compounds : 12
Total number of ME compounds : 1
Total number of ME compounds allowed : 1
LCS ME CL validation result : Pass

RPD - Relative Percent Difference , CL - Control Limit

Calscience Environmental Laboratories, Inc.

Quality Control - LCS/LCS Duplicate

ACCREDITED IN ACCORDANCE WITH nelac

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

Date Received: N/A
Work Order No: 08-10-0017
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
099-12-715-999	Aqueous	GC/MS R	10/04/08	10/04/08	081004L01

Parameter	LCS %REC	LCSD %REC	%REC CL	ME_CL	RPD	RPD CL	Qualifiers
TPPH	108	108	65-135	53-147	0	0-30	
Benzene	91	92	70-130	60-140	1	0-30	
Ethylbenzene	94	94	70-130	60-140	0	0-30	
Toluene	96	96	70-130	60-140	0	0-30	
p/m-Xylene	94	94	70-130	60-140	0	0-30	
o-Xylene	94	96	70-130	60-140	1	0-30	
Methyl-t-Butyl Ether (MTBE)	90	92	70-130	60-140	2	0-30	
Tert-Butyl Alcohol (TBA)	95	101	70-130	60-140	6	0-30	
Diisopropyl Ether (DIPE)	94	96	70-130	60-140	2	0-30	
Ethyl-t-Butyl Ether (ETBE)	96	99	70-130	60-140	3	0-30	
Tert-Amyl-Methyl Ether (TAME)	91	96	70-130	60-140	5	0-30	
Ethanol	96	98	70-130	60-140	2	0-30	

Total number of LCS compounds : 12
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: 08-10-0017

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.

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: Denis Brown
INCIDENT # (ENV SERVICES): 98995750 ☐ CHECK IF NO INCIDENT # APPLIES
DATE: 9.25.08
PO #:
SAP #:
PAGE: 1 of 1

SAMPLING COMPANY: Blaine Tech Services
LOG CODE: BTSS
SITE ADDRESS: Street and City: 610 Market St., Oakland
State: CA
GLOBAL ID NO.: T0600102121
ADDRESS: 1680 Rogers Ave, San Jose, CA 95112
EDF DELIVERABLE TO (Name, Company, Office Location): Anni Kremi, CRA, Emeryville
PHONE NO.: (510) 420-3335
E-MAIL: Shelledf@craworld.com
CONSULTANT PROJECT NO.: 080925AK-1
BTS #:
PROJECT CONTACT (Hardcopy or PDF Report to): Michael Ninokata
TELEPHONE: (408)573-0555
FAX: (408)573-7771
E-MAIL: mninokata@blainetech.com
SAMPLER NAME(S) (Print): J KRESS
LAB USE ONLY: 08-09-0017

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 :
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 DATE	SAMPLING TIME	MATRIX	PRESERVATIVE 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)	Container PID Readings or Laboratory Notes
	MW-1	9/15	1040	W	X					3	X		X	X	X									
	MW-2		930		X						X		X	X	X									
	MW-3		1015		X						X		X	X	X	X								
	MW-4		1115		X						X		X	X	X	X								
	MW-5		1135		X						X		X	X	X	X								
	MW-6		1009		X						X		X	X	X	X								
	MW-7		1050		X						X		X	X	X	X								
	MW-8		920		X						X		X	X	X	X								
	MW-9		830		X						X		X	X	X									

Relinquished by: (Signature)	Received by: (Signature)	Date:	Time:
		9.26.08	7455
GSO 510457258	Wabash CEA	10-1-08	0845

05/2/06 Revision

Calscience Environmental Laboratories, Inc.

WORK ORDER #: 08 - 10-0017

Cooler 1 of 1

SAMPLE RECEIPT FORM

CLIENT: BTS DATE: 10-1-08

TEMPERATURE – SAMPLES RECEIVED BY:

CALSCIENCE COURIER:

_____ Chilled, cooler with temperature blank provided.
_____ Chilled, cooler without temperature blank.
_____ Chilled and placed in cooler with wet ice.
_____ Ambient and placed in cooler with wet ice.
_____ Ambient temperature (For Air & Filter Only).
___ ___ . ___ °C Temperature blank.

LABORATORY (Other than Calscience Courier):

___ ___ . ___ °C Temperature blank.
3 . 8 °C IR Thermometer.
_____ Ambient temperature (For Air & Filter Only).

Initial: WB

CUSTODY SEAL INTACT:

Sample(s): _____ Cooler: _____ No (Not Intact) : _____ Not Present: ✓

Initial: WB

SAMPLE CONDITION:

	Yes	No	N/A
Chain-Of-Custody document(s) received with samples	✓		
Sampler's name indicated on COC	✓		
Sample container label(s) consistent with custody papers	✓		
Sample container(s) intact and good condition	✓		
Correct containers and volume for analyses requested	✓		
Proper preservation noted on sample label(s)	✓		
VOA vial(s) free of headspace.	✓		
Tedlar bag(s) free of condensation			✓

Initial: WB

COMMENTS:

WELL GAUGING DATA

Project # 090925AK1 Date 9.25.08 Client SHELL

Site 610 MARKET ST, OAKLAND

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	ORDER Notes
MW.1	750	4					15.31	24.55		4
MW.2	738	4					13.21	18.19		5
MW.3	718	4					12.00	18.43		6
MW.4	1110	4	TRAFFIC WELL				12.35	19.68		1
MW.5	1130	4	TRAFFIC WELL				12.00	19.95		2
MW.6	726	4					12.23	18.68		8
MW.7	732	4					13.14	18.32		7
MW.8	745	4					15.31	18.25		9
MW.9	722	4					12.92	19.71		3

SHELL WELL MONITORING DATA SHEET

BTS #: 080925AK1	Site: 98995 750
Sampler: AK	Date: 9.25.08
Well I.D.: MW-1	Well Diameter: 2 3 (4) 6 8 ____
Total Well Depth (TD): 24.55	Depth to Water (DTW): 15.31
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]: 17.15	

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

Sampling Method: (Bailer), Disposable Bailer, Extraction Port, Dedicated Tubing, Other:

9.24

6.0 (Gals.) X 3 = 18.0 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	radius² * 0.163

Time	Temp (°F)	pH	Cond. (mS or (µS))	Turbidity (NTUs)	Gals. Removed	Observations
852	68.3	5.8	932	4	6.0	
DEWATERED		@	10.0 @	ALLENS		DTW: 21.42
1040	74.5	6.0	929	3	—	

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

Sampling Date: 9.25 Sampling Time: 1040 Depth to Water: 15.31

Sample I.D.: MW-1 Laboratory: STL Other CAL SCI

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

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

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

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

SHELL WELL MONITORING DATA SHEET

BTS #: 080925AK1	Site: 98995750
Sampler: AK	Date: 9.25.08
Well I.D.: MW.2	Well Diameter: 2 3 (4) 6 8 ____
Total Well Depth (TD): 18.19	Depth to Water (DTW): 13.21
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]: 14.20	

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

Sampling Method: (Bailer), Disposable Bailer, Extraction Port, Dedicated Tubing, Other: _____

4.98

3.2 (Gals.) X 3 = 9.7 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	radius^2 * 0.163

Time	Temp (°F)	pH	Cond. (mS or (uS))	Turbidity (NTUs)	Gals. Removed	Observations
906	69.8	5.9	1297	7	3.5	
DEWATERED	@		5.0	GALLONS		DTW: 16.61
930	69.0	6.1	1281	348	—	

Did well dewater? (Yes) No Gallons actually evacuated: 5.0

Sampling Date: 9.25 Sampling Time: 930 Depth to Water: 13.57

Sample I.D.: MW.2 Laboratory: STL Other CAL SCI

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

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

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

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

SHELL WELL MONITORING DATA SHEET

BTS #: 080925AKC1	Site: 98995750
Sampler: AK	Date: 9.25.08
Well I.D.: MW-3	Well Diameter: 2 3 (4) 6 8 ____
Total Well Depth (TD): 18.43	Depth to Water (DTW): 12.00
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]: 13.28	

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

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

6.43

4.1 (Gals.) X 3 = 12.5 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
1000	72.9	6.1	939	33	4.5	
DEWATERED		@	4.5	GALLONS		DTW: 16.47
1015	75.0	6.1	925	19	—	

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

Sampling Date: 9.25 Sampling Time: 1015 Depth to Water: 13.13

Sample I.D.: MW-3 Laboratory: STL Other CAL SCI

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

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

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

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

SHELL WELL MONITORING DATA SHEET

BTS #: 080925ACI	Site: 9899575 0
Sampler: AF	Date: 9.25.08
Well I.D.: MW-4	Well Diameter: 2 3 (4) 6 8 ____
Total Well Depth (TD): 19.68	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]: 13.81	

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

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

7.34

4.7 (Gals.) X 3 = 14.3 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
1112	~~74.5~~	6.1	590	19	5.0	
DEWATERED @			8.0 GALLONS			DTW: 17.37
1115	75.3	5.8	592	29		
TRAFFIC WELL!						

Did well dewater? (Yes) No Gallons actually evacuated: 8.0

Sampling Date: 9.25 Sampling Time: 1115 Depth to Water: 15.55 ACCESS

Sample I.D.: MW-4 Laboratory: STL Other CAL SCI

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

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

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

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

SHELL WELL MONITORING DATA SHEET

BTS #: 080925AK1	Site: 9899 5750
Sampler: AK	Date: 9.25.08
Well I.D.: MW.5	Well Diameter: 2 3 (4) 6 8 ____
Total Well Depth (TD): 19.95	Depth to Water (DTW): 12.08
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]: 13.65	

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

Sampling Method: Bailer, Disposable Bailer, Extraction Port, Dedicated Tubing, Other:_____

7.87

5.1 (Gals.) X 3 = 15.3 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
1132	77.0	6.3	1128	41	5.5	
DEWATERED @			7.0 GALLONS			DTW: 17.70
1135	74.7	6.5	1111	32	—	
TRAFFIC WELL						

Did well dewater? (Yes) No — Gallons actually evacuated: 7.0

Sampling Date: 9.25 — Sampling Time: 1135 — Depth to Water: 15.44 ACCEPTS

Sample I.D.: MW.5 — Laboratory: STL Other CAL SCI

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

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

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

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

SHELL WELL MONITORING DATA SHEET

BTS #: 090925AK-1	Site: ~~98995705~~ 98995750
Sampler: AK	Date: 9.25.08
Well I.D.: MW. 6	Well Diameter: 2 3 (4) 6 8 ___
Total Well Depth (TD): 18.68	Depth to Water (DTW): 12.23
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, Electric Submersible, Waterra, Peristaltic, Extraction Pump, Other_____

Sampling Method: (Bailer), Disposable Bailer, Extraction Port, Dedicated Tubing, Other: _____

6.45

4.1 (Gals.) X 3 = 12.5 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
949	72.1	6.2	943	3	4.5	
DEWATERED		@	5.5	GALLONS		DTW: 16.06
1005	73.0	6.1	997	3	—	

Did well dewater? (Yes) No Gallons actually evacuated: 5.5

Sampling Date: 9.25 Sampling Time: 1005 Depth to Water: 12.25

Sample I.D.: MW.6 Laboratory: STL Other CAL SCI

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

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

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

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

SHELL WELL MONITORING DATA SHEET

BTS #: 080925AK1	Site: 98995750
Sampler: AK	Date: 9.25.08
Well I.D.: MW-7	Well Diameter: 2 3 (4) 6 8 ___
Total Well Depth (TD): 18.32	Depth to Water (DTW): 13.14
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]: 14.17	

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

Sampling Method: (Bailer), Disposable Bailer, Extraction Port, Dedicated Tubing, Other: _____

5.18

3.3 (Gals.) X 3 = 10.0 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	radius² * 0.163

Time	Temp (°F)	pH	Cond. (mS or (µS))	Turbidity (NTUs)	Gals. Removed	Observations
1037	75.5	6.2	1095	45	3.5	
DEWATERED @			4.5 GALLONS			DTW: 16.46
~~1040~~	~~74.5~~					
1050	73.3	6.2	1151	5	—	

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

Sampling Date: 9.25 Sampling Time: ~~1040~~ 1050 Depth to Water: 13.15

Sample I.D.: MW-7 Laboratory: STL Other CAL SCI

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

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

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

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

SHELL WELL MONITORING DATA SHEET

BTS #: 080925AK1	Site: 98995750
Sampler: AK	Date: 9.25.08
Well I.D.: MW-8	Well Diameter: 2 3 (4) 6 8 ____
Total Well Depth (TD): 18.25	Depth to Water (DTW): 15.31
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]: 15.89	

Purge Method: (Bailer) / Disposable Bailer / Positive Air Displacement / ~~Electric Submersible~~ (AC) / Waterra / Peristaltic / Extraction Pump / Other____

Sampling Method: ~~Bailer~~ / Disposable Bailer / Extraction Port / Dedicated Tubing / Other: ____

2.94

1.9 (Gals.) X 3 = 5.7 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
PURGED	&	SAMPLED	OUT	OF	ORDER - ACCESS	
912	68.1	5.9	1236	57	2.0	
914	68.2	5.9	1237	114	4.0	
916	68.2	6.0	1247	499	6.0	

Did well dewater? Yes (No) Gallons actually evacuated: 6.0

Sampling Date: 9.25 Sampling Time: 920 Depth to Water: 15.35

Sample I.D.: MW-8 Laboratory: STL Other CAL SCI

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

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

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

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

SHELL WELL MONITORING DATA SHEET

BTS #: 080925AKC1	Site: 9899 5150
Sampler: AK	Date: 9.25.08
Well I.D.: MW.9	Well Diameter: 2 3 (4) 6 8 ____
Total Well Depth (TD): 19.71	Depth to Water (DTW): 12.92
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; (Electric Submersible); Waterra; Peristaltic; Extraction Pump; Other ____

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

6.79

4.4 (Gals.) X 3 = 13.2 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
821	65.9	5.6	1612	31	4.5	
DEWATERED @	5.5	GALLONS				PTW: 17.11
830	64.6	5.7	1665	11	—	

Did well dewater? (Yes) No Gallons actually evacuated: 5.5

Sampling Date: 9.25 Sampling Time: 830 Depth to Water: 13.91

Sample I.D.: MW.9 Laboratory: STL Other CAL SCI

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

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

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

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

SHELL WELLHEAD INSPECTION FORM

(FOR SAMPLE TECHNICIAN)

Site Address 610 MARKET ST, OAKLAND Date 9.25.08

Job Number 080925AK1 Technician J KRESS 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	✓								VAULT
MW-3	✓								VAULT
MW-4	✓								
MW-5	✓								
MW-6	✓								VAULT
MW-7	✓								VAULT
MW-8	✓								VAULT
MW-9	✓								

*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: