CONESTOGA-ROVERS & ASSOCIATES

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

TRANSMITTAL

DATE: February 28, 2011

REFERENCE NO.: 240733

PROJECT NAME: 2120 Montana Street, Oakland

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

RECEIVED
10:16 am, Mar 02, 2011
Alameda County
Environmental Health

Please find enclosed:
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- ☒ Final
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QUANTITY	DESCRIPTION
1	Groundwater Monitoring Report - Fourth Quarter 2010

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

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

Copy to: Denis Brown, Shell Oil Products US (electronic copy)
SF Data Room (electronic copy)

Completed by: Peter Schaefer Signed: Aubrey Cool

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

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

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

Dear Mr. Wickham:

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

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

Sincerely,

Denis L. Brown
Senior Program Manager

GROUNDWATER MONITORING REPORT - FOURTH QUARTER 2010

SHELL-BRANDED SERVICE STATION
2120 MONTANA STREET
OAKLAND, CALIFORNIA

SAP CODE	135675
INCIDENT NO.	98995740
AGENCY NO.	RO0000173

Prepared by:
Conestoga-Rovers & Associates

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

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

web: http://www.CRAworld.com

FEBRUARY 28, 2011
REF. NO. 240733 (12)
This report is printed on recycled paper.

1.0 INTRODUCTION

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

1.1 SITE INFORMATION

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

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

2.0 SITE ACTIVITIES, FINDINGS, AND DISCUSSION

2.1 CURRENT QUARTER'S ACTIVITIES

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

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

2.2 CURRENT QUARTER'S FINDINGS

Groundwater Flow Direction	Generally southerly to southwesterly
Hydraulic Gradient	0.03

Depth to Water	9.06 to 12.38 feet below top of well casing

2.3 PROPOSED ACTIVITIES

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

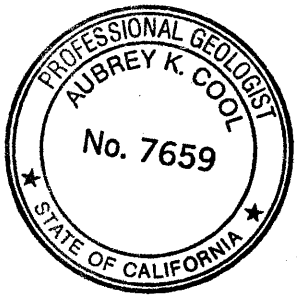
All of Which is Respectfully Submitted,
CONESTOGA-ROVERS & ASSOCIATES

Eric A. Dyrstad for

Peter Schaefer, CHG, CEG

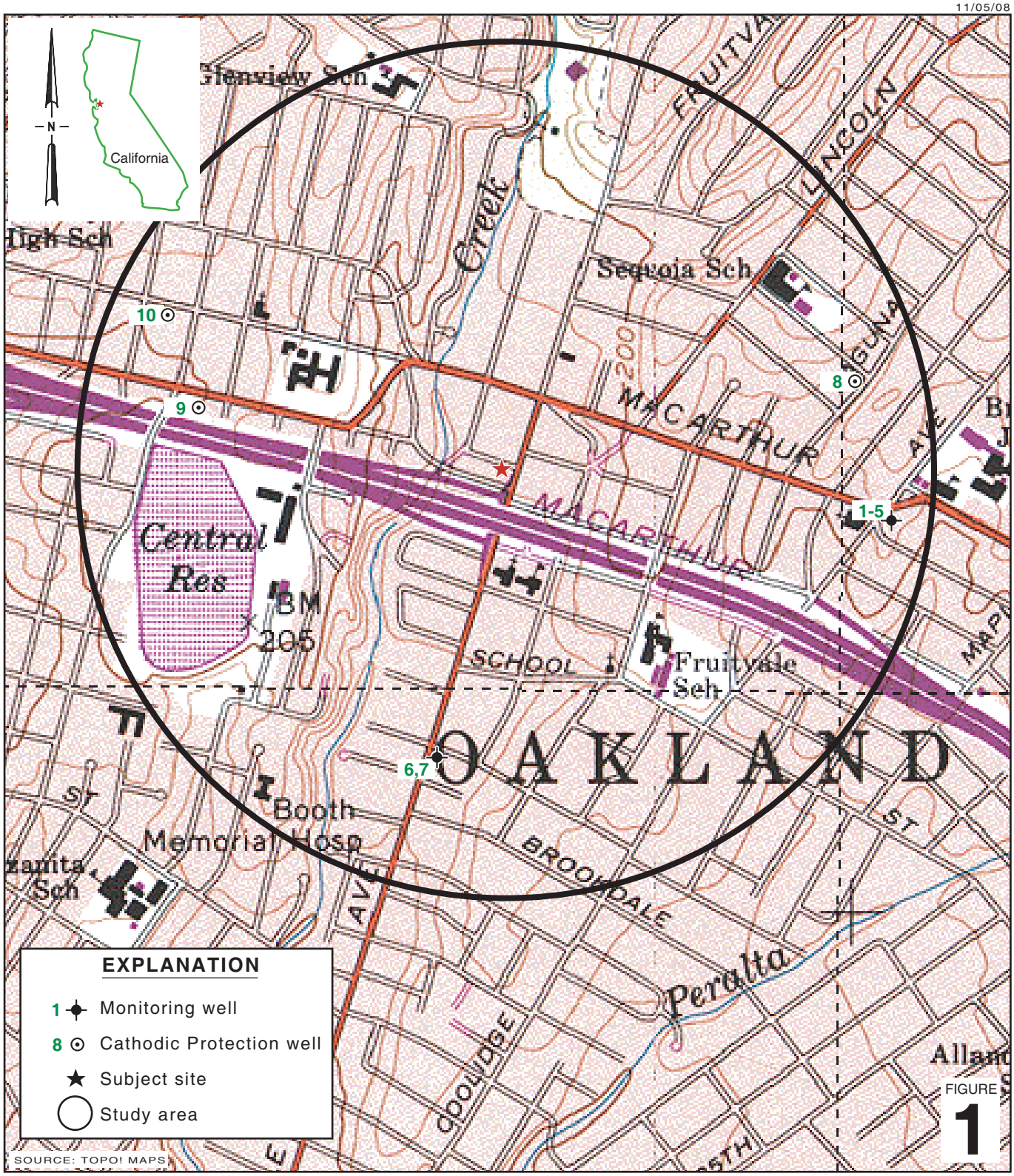
Aubrey K. Cool

Aubrey K. Cool, PG



FIGURES

11/05/08



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SCALE : 1" = 1/6 MILE

Shell-branded Service Station
2120 Montana Street
Oakland, California

CONESTOGA-ROVERS & ASSOCIATES

Vicinity Map

02/16/2011

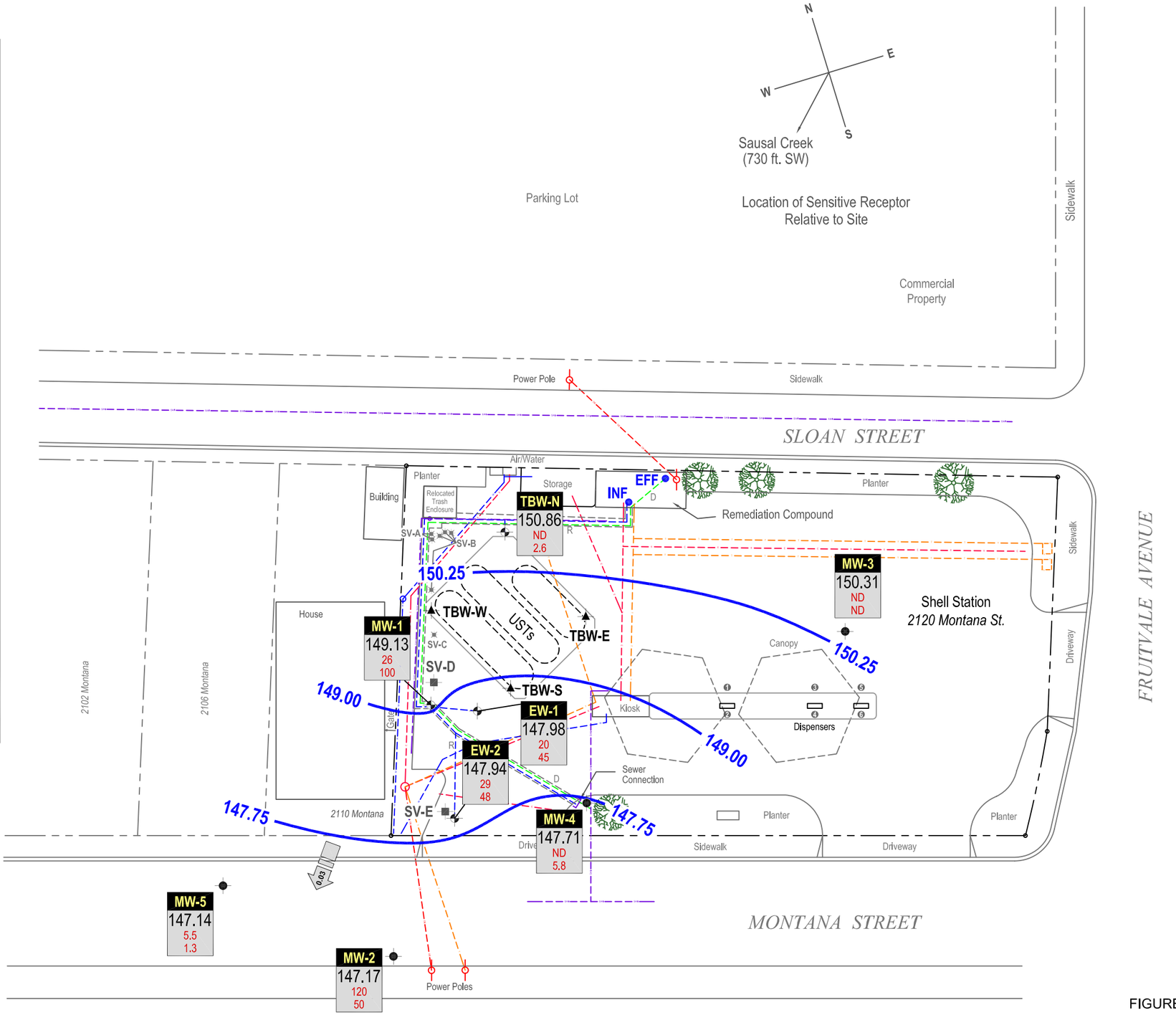
EXPLANATION

- **EW-1** — Extraction well location
- **MW-1** — Well formerly used for groundwater extraction
- **MW-2** — Monitoring well location
- **TBW-N** — Tank backfill well location
- **SV-D** — Soil vapor sampling location (06/14-16/05)
- **SV-A** — Attempted soil vapor sampling location (6/14/05)
- **INF** — GWE system sampling location
- Remediation piping (R)
- Discharge line (D)
- Electrical line (E)
- Overhead electric line (OE)
- Sanitary sewer (SS)
- Water line (W)
- Telecommunications line (T)
- Product dispenser number
- Groundwater flow direction and gradient
- XX.XX — Groundwater elevation contour, in feet above mean sea level (msl)

Well
ELEV
Benzene
MTBE

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

Notes:
ND = Not detected



Groundwater Contour and Chemical Concentration Map

December 28, 2010

CONESTOGA-ROVERS & ASSOCIATES

Shell-branded Service Station

2120 Montana Street
Oakland, California

FIGURE
2

I:\Shell\6-chars\2407--\240733-Oakland 2120 Montana\240733-REPORTS\240733-RPT12-4Q10\240733 4QM10-GW.DWG

APPENDIX A

BLAINE TECH SERVICES, INC. - GROUNDWATER MONITORING REPORT

BLAINE
TECH SERVICES INC.

GROUNDWATER SAMPLING SPECIALISTS
SINCE 1985

January 19, 2011

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

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

Monitoring performed on December 28, 2010

Groundwater Monitoring Report **101228-DR-2**

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

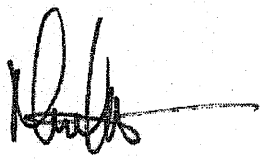
Basic field information is presented alongside analytical values excerpted from the laboratory report in the cumulative table of **WELL CONCENTRATIONS**. The full analytical report for the most recent samples and the field data sheets are attached to this report.

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

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

Please call if you have any questions.

Yours truly,



Mike Ninokata
Project Manager

MN/np

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

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

WELL CONCENTRATIONS
Shell-branded Service Station
2120 Montana Street
Oakland, CA

Well ID	Date	TPPH (ug/L)	B (ug/L)	T (ug/L)	E (ug/L)	X (ug/L)	MTBE 8020 (ug/L)	MTBE 8260 (ug/L)	DIPE (ug/L)	ETBE (ug/L)	TAME (ug/L)	TBA (ug/L)	TOC (MSL)	Depth to Water (ft.)	GW Elevation (MSL)	SPH Thickness (ft.)
MW-1	03/19/2001	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	159.59	12.14	147.45	ND
MW-1	03/23/2001	16,600	753	1,720	407	2,330	NA	27,500	NA	NA	NA	NA	159.59	12.25	147.34	ND
MW-1	05/31/2001	<20,000 d	1,000 d	920 d	490 d	2,000 d	NA	54,000 d	NA	NA	NA	NA	161.13	12.22	148.91	ND
MW-1	06/27/2001	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	159.59	13.00b	NA	ND
MW-1	07/09/2001	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	159.59	13.17	146.67	0.31
MW-1	09/25/2001	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	159.59	14.27	145.66	0.43
MW-1	11/20/2001	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	159.59	13.49	146.14	0.05
MW-1	12/05/2001	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	159.59	11.32	148.31	0.05
MW-1	03/01/2002	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	159.59	13.22	146.56	0.24
MW-1	06/06/2002	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	159.59	12.99	147.00	0.50
MW-1	07/16/2002	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	159.59	13.37	146.22	ND
MW-1	09/06/2002	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	159.57	13.30	146.70	0.54
MW-1	12/12/2002	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	159.57	13.78	146.61	1.03
MW-1	03/31/2003	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	159.57	11.21	148.38	0.03
MW-1	06/30/2003	7,800	<25	37	<25	380	NA	2,000	NA	NA	NA	NA	159.57	12.20	147.37	ND
MW-1	09/09/2003	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	159.08	15.70	145.28	2.38
MW-1	12/29/2003	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	159.08	11.25	147.89	0.07
MW-1	03/17/2004	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	159.08	11.80	147.40	0.15
MW-1	05/24/2004	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	159.08	12.42	146.71	0.06
MW-1	09/17/2004	8,000	530	380	330	960	NA	1,100	<20	<20	<20	4,100	159.08	15.95	143.13	ND
MW-1	12/06/2004	2,800	150	<5.0	120	120	NA	300	NA	NA	NA	NA	159.08	13.15	145.93	ND
MW-1	03/02/2005	13,000	490	710	360	2,200	NA	5,000	NA	NA	NA	NA	159.08	12.14	146.94	ND
MW-1	06/10/2005	5,600	210	120	120	910	NA	3,100	NA	NA	NA	NA	159.08	NA	NA	<0.01
MW-1	09/01/2005	<1,300	73	<13	30	42	NA	2,400	<50	<50	<50	13,000	159.08	11.71	147.37	ND
MW-1	11/16/2005	4,150	62.7	10.9	45.2	98.9	NA	845	NA	NA	NA	NA	159.08	11.71	147.37	ND
MW-1 i	03/03/2006	<50.0	<0.500	<0.500	<0.500	<0.500	NA	0.790	NA	NA	NA	<10.0	159.08	13.37	145.71	ND
MW-1	05/12/2006	3,430	80.0	0.530	26.8	71.9	NA	154	NA	NA	NA	1,040	159.08	17.41	141.67	ND

WELL CONCENTRATIONS
Shell-branded Service Station
2120 Montana Street
Oakland, CA

Well ID	Date	TPPH (ug/L)	B (ug/L)	T (ug/L)	E (ug/L)	X (ug/L)	MTBE 8020 (ug/L)	MTBE 8260 (ug/L)	DIPE (ug/L)	ETBE (ug/L)	TAME (ug/L)	TBA (ug/L)	TOC (MSL)	Depth to Water (ft.)	GW Elevation (MSL)	SPH Thickness (ft.)
MW-1	09/05/2006	5,390	24.8	2.44	6.69	22.2	NA	106	<0.500	<0.500	<0.500	4,860	159.08	12.12	146.96	ND
MW-1	12/18/2006	6,800	120	28	110	840	NA	1,100	NA	NA	NA	5,400	159.08	10.74	148.34	ND
MW-1	03/21/2007	Well inaccessible		NA	NA	NA	NA	NA	NA	NA	NA	NA	159.08	NA	NA	ND
MW-1	06/14/2007	6,200	18	<5.0	11	4.6 k	NA	68	NA	NA	NA	1,800	159.08	19.82	139.26	ND
MW-1	08/27/2007	2,700 l	13	<5.0	3.9 k	5.6 k	NA	54	<10	<10	<10	1,200	159.08	12.20	146.88	ND
MW-1	11/29/2007	2,600 l	20	1.9 k	8.3	29.4	NA	350	NA	NA	NA	4,100	159.08	11.68	147.40	ND
MW-1	03/21/2008	4,600	42	<5.0	120	94	NA	300	NA	NA	NA	3,200	159.08	11.59	147.49	ND
MW-1	05/29/2008	1,800	11	<5.0	<5.0	<5.0	NA	150	NA	NA	NA	3,900	159.08	11.87	147.21	ND
MW-1	08/29/2008	2,400	42	<5.0	23	<5.0	NA	320	<10	<10	<10	4,700	159.08	12.33	146.75	ND
MW-1	12/29/2008	2,700	30	<5.0	28	45	NA	460	NA	NA	NA	3,300	159.08	11.21	147.87	ND
MW-1	03/05/2009	2,000	15	<5.0	<5.0	66	NA	83	NA	NA	NA	980	159.08	8.98	150.10	ND
MW-1	05/27/2009	2,100	25	<1.0	69	52	NA	220	NA	NA	NA	2,500	159.08	11.71	147.37	ND
MW-1	12/28/2009	1,500	8.5	<2.0	8.8	7.4	NA	140	<4.0	<4.0	<4.0	1,800	159.08	11.13	147.95	ND
MW-1	06/02/2010	2,100	22	<2.0	73	51	NA	140	NA	NA	NA	2,600	159.08	11.10	147.98	ND
MW-1	**12/28/2010**	**3,700**	**26**	**<2.0**	**69**	**260**	**NA**	**100**	**<4.0**	**<4.0**	**<4.0**	**1,400**	**159.08**	**9.95**	**149.13**	**ND**
MW-2	03/19/2001	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	158.03	11.60	146.43	ND
MW-2	03/23/2001	4,450	280	41.0	62.1	63.0	NA	16,600	NA	NA	NA	NA	158.03	11.76	146.27	ND
MW-2	05/31/2001	<20,000 a	820 a	<200 a	<200 a	<200 a	NA	63,000 a	NA	NA	NA	NA	158.03	11.40	146.63	ND
MW-2	06/27/2001	<50,000	610	4.0	13	9.2	NA	47,000	NA	NA	NA	NA	158.03	12.65	145.38	ND
MW-2	09/25/2001	<2,000	41	<20	<20	<20	NA	6,400	NA	NA	NA	NA	158.03	12.89	145.14	ND
MW-2	12/05/2001	<2,000	74	<20	<20	<20	NA	8,400	NA	NA	NA	NA	158.03	10.40	147.63	ND
MW-2	03/01/2002	<1,000	<10	<10	<10	<10	NA	2,900	NA	NA	NA	NA	158.03	11.52	146.51	ND
MW-2	06/06/2002	<5,000	210	<50	<50	<50	NA	23,000	NA	NA	NA	NA	158.03	12.15	145.88	ND
MW-2	07/16/2002	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	158.03	12.25	145.78	ND
MW-2	09/06/2002	<2,000	56	<20	<20	<20	NA	11,000	NA	NA	NA	NA	158.01	12.44	145.57	ND
MW-2	12/12/2002	<2,500	80	<25	<25	<25	NA	13,000	NA	NA	NA	NA	158.01	12.53	145.48	ND
MW-2	03/31/2003	<5,000	230	1,200	95	150	NA	13,000	NA	NA	NA	NA	158.01	11.98	146.03	ND

WELL CONCENTRATIONS
Shell-branded Service Station
2120 Montana Street
Oakland, CA

Well ID	Date	TPPH (ug/L)	B (ug/L)	T (ug/L)	E (ug/L)	X (ug/L)	MTBE 8020 (ug/L)	MTBE 8260 (ug/L)	DIPE (ug/L)	ETBE (ug/L)	TAME (ug/L)	TBA (ug/L)	TOC (MSL)	Depth to Water (ft.)	GW Elevation (MSL)	SPH Thickness (ft.)
MW-2	06/30/2003	<12,000	780	<120	170	250	NA	9,000	NA	NA	NA	NA	158.01	12.10	145.91	ND
MW-2	09/09/2003	140,000	4,600	40,000	4,800	32,000	NA	11,000	NA	NA	NA	NA	158.01	12.94	145.07	ND
MW-2	12/29/2003	220,000	240	4,800	2,900	19,000	NA	1,000	NA	NA	NA	NA	158.01	11.20	146.81	ND
MW-2	03/17/2004	25,000	170	390	280	1,400	NA	1,500	NA	NA	NA	NA	158.01	11.40	146.61	ND
MW-2	05/24/2004	140,000	<25	220	1,200	6,800	NA	320	NA	NA	NA	NA	158.01	12.28	145.73	ND
MW-2	09/17/2004	64,000	2,900	230	2,300	9,700	NA	6,300	<100	<100	<100	4,100	158.01	12.90	145.11	ND
MW-2	12/06/2004	47,000	1,200	46	1,300	6,000	NA	3,900	NA	NA	NA	NA	158.01	13.02	144.99	ND
MW-2	03/02/2005	85,000	1,600	81	1,900	6,900	NA	2,500	NA	NA	NA	NA	158.01	11.06	146.95	ND
MW-2	06/10/2005	100,000	450	<25	440	800	NA	300	NA	NA	NA	NA	158.01	11.71	146.30	ND
MW-2	09/01/2005	140,000 g	490	<25	550	850	NA	110	<100	<100	<100	1,900	158.01	12.11	145.90	ND
MW-2	11/16/2005	473,000 h	776	18.7	1,300	2,730	NA	374	NA	NA	NA	NA	158.01	12.15	145.86	ND
MW-2 i	03/03/2006	4,830	6.25	2.29	14.6	5.45	NA	106	NA	NA	NA	228	158.01	11.40	146.61	ND
MW-2	05/12/2006	7,610	1,200	27.9	858	396	NA	688	NA	NA	NA	681	158.01	14.22	143.79	ND
MW-2	09/05/2006	84,000	683	10.2	314	300	NA	96.7	<0.500	<0.500	<0.500	1,250	158.01	12.20	145.81	ND
MW-2	12/18/2006	19,000	230	6.2	130	64	NA	94	NA	NA	NA	1,600	158.01	11.03	146.98	ND
MW-2	03/21/2007	30,000	380	31	460	290	NA	95	NA	NA	NA	1,700	158.01	11.75	146.26	ND
MW-2	06/14/2007	Well inaccessible		NA	NA	NA	NA	NA	NA	NA	NA	NA	158.01	NA	NA	ND
MW-2	08/27/2007	83,000 l	220	8.7 k	99	24.5k	NA	<10	<20	<20	<20	980	158.01	12.54	145.47	ND
MW-2	11/29/2007	23,000 l	28	<10	20	<10	NA	<10	NA	NA	NA	1,200	158.01	11.77	146.24	ND
MW-2	03/21/2008	Well inaccessible		NA	NA	NA	NA	NA	NA	NA	NA	NA	158.01	NA	NA	ND
MW-2	05/29/2008	14,000	130	14	78	6.8	NA	130	NA	NA	NA	1,000	158.01	12.11	145.90	ND
MW-2	08/29/2008	14,000	120	10	23	6.6	NA	60	<10	<10	<10	810	158.01	12.32	145.69	ND
MW-2	12/29/2008	33,000	110	<10	15	<10	NA	58	NA	NA	NA	890	158.01	11.61	146.40	ND
MW-2	03/05/2009	22,000	250	55	130	60	NA	130	NA	NA	NA	1,200	158.01	9.60	148.41	ND
MW-2	05/27/2009	11,000	150	20	110	49	NA	110	NA	NA	NA	740	158.01	12.08	145.93	ND
MW-2	12/28/2009	20,000	120	9.5	16	11	NA	85	<10	<10	<10	720	158.01	11.79	146.22	ND
MW-2	06/02/2010	59,000	100	<20	36	<20	NA	75	NA	NA	NA	600	158.01	11.92	146.09	ND
MW-2	**12/28/2010**	**9,100**	**120**	**8.9**	**52**	**26**	**NA**	**50**	**<10**	**<10**	**<10**	**700**	**158.01**	**10.84**	**147.17**	**ND**

WELL CONCENTRATIONS
Shell-branded Service Station
2120 Montana Street
Oakland, CA

Well ID	Date	TPPH (ug/L)	B (ug/L)	T (ug/L)	E (ug/L)	X (ug/L)	MTBE 8020 (ug/L)	MTBE 8260 (ug/L)	DIPE (ug/L)	ETBE (ug/L)	TAME (ug/L)	TBA (ug/L)	TOC (MSL)	Depth to Water (ft.)	GW Elevation (MSL)	SPH Thickness (ft.)
MW-3	03/19/2001	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	161.13	11.42	149.71	ND
MW-3	03/23/2001	<50.0	<0.500	<0.500	<0.500	<0.500	NA	1.26	NA	NA	NA	NA	161.13	11.42	149.71	ND
MW-3	05/31/2001	<50 e	<0.50 e	<0.50 e	<0.50 e	<0.50 e	NA	<5.0 e	NA	NA	NA	NA	159.59	13.00	146.59	ND
MW-3	06/27/2001	<50	<0.50	<0.50	<0.50	<0.50	NA	<0.50	NA	NA	NA	NA	161.13	12.32	148.81	ND
MW-3	09/25/2001	<50	<0.50	<0.50	<0.50	<0.50	NA	<0.50	NA	NA	NA	NA	161.13	12.50	148.63	ND
MW-3	12/05/2001	<50	<0.50	<0.50	<0.50	<0.50	NA	<5.0	NA	NA	NA	NA	161.13	10.13	151.00	ND
MW-3	03/01/2002	<50	<0.50	<0.50	<0.50	0.73	NA	<5.0	NA	NA	NA	NA	161.13	11.63	149.50	ND
MW-3	06/06/2002	<50	<0.50	<0.50	<0.50	<0.50	NA	<5.0	NA	NA	NA	NA	161.13	11.55	149.58	ND
MW-3	07/16/2002	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	161.13	11.72	149.41	ND
MW-3	09/06/2002	<50	<0.50	<0.50	<0.50	<0.50	NA	<5.0	NA	NA	NA	NA	161.11	12.24	148.87	ND
MW-3	12/12/2002	<50	<0.50	<0.50	<0.50	<0.50	NA	<5.0	NA	NA	NA	NA	161.11	12.18	148.93	ND
MW-3	03/31/2003	<50	<0.50	<0.50	<0.50	<1.0	NA	0.78	NA	NA	NA	NA	161.11	11.94	149.17	ND
MW-3	06/30/2003	<50	<0.50	<0.50	<0.50	<1.0	NA	<0.50	NA	NA	NA	NA	161.11	12.50	148.61	ND
MW-3	09/09/2003	<50	<0.50	<0.50	<0.50	<1.0	NA	<0.50	NA	NA	NA	NA	161.11	12.55	148.56	ND
MW-3	12/29/2003	<50	<0.50	<0.50	<0.50	<1.0	NA	0.70	NA	NA	NA	NA	161.11	10.90	150.21	ND
MW-3	03/17/2004	<50	<0.50	<0.50	<0.50	<1.0	NA	2.1	NA	NA	NA	NA	161.11	11.63	149.48	ND
MW-3	05/24/2004	<50	<0.50	<0.50	<0.50	1.0	NA	0.96	NA	NA	NA	NA	161.11	11.32	149.79	ND
MW-3	09/17/2004	<50	<0.50	<0.50	<0.50	1.0	NA	2.6	<2.0	<2.0	<2.0	<5.0	161.11	12.13	148.98	ND
MW-3	12/06/2004	<50	<0.50	<0.50	<0.50	<1.0	NA	6.1	NA	NA	NA	NA	161.11	12.28	148.83	ND
MW-3	03/02/2005	<50 f	<0.50	<0.50	<0.50	<1.0	NA	2.4	NA	NA	NA	NA	161.11	10.42	150.69	ND
MW-3	06/10/2005	<50 f	<0.50	<0.50	<0.50	<1.0	NA	1.6	NA	NA	NA	NA	161.11	11.15	149.96	ND
MW-3	09/01/2005	<50	<0.50	<0.50	<0.50	<1.0	NA	0.54	<2.0	<2.0	<2.0	<5.0	161.11	12.55	148.56	ND
MW-3	11/16/2005	<50.0	<0.500	<0.500	<0.500	<0.500	NA	0.570	NA	NA	NA	NA	161.11	12.04	149.07	ND
MW-3 i	03/03/2006	16,000 j	191	107 j	127	997 j	NA	1090 j	NA	NA	NA	NA	161.11	10.36	150.75	ND
MW-3	05/12/2006	<50.0	<0.500	<0.500	<0.500	<0.500	NA	1.45	NA	NA	NA	NA	161.11	12.24	148.87	ND
MW-3	09/05/2006	<50.0	<0.500	<0.500	<0.500	<0.500	NA	1.62	<0.500	<0.500	<0.500	<10.0	161.11	12.52	148.59	ND
MW-3	12/18/2006	<50	<0.50	<0.50	<0.50	<1.0	NA	0.88	NA	NA	NA	NA	161.11	11.00	150.11	ND

WELL CONCENTRATIONS
Shell-branded Service Station
2120 Montana Street
Oakland, CA

Well ID	Date	TPPH (ug/L)	B (ug/L)	T (ug/L)	E (ug/L)	X (ug/L)	MTBE 8020 (ug/L)	MTBE 8260 (ug/L)	DIPE (ug/L)	ETBE (ug/L)	TAME (ug/L)	TBA (ug/L)	TOC (MSL)	Depth to Water (ft.)	GW Elevation (MSL)	SPH Thickness (ft.)
MW-3	03/21/2007	<50	<0.50	<0.50	<0.50	<1.0	NA	<1.0	NA	NA	NA	NA	161.11	12.10	149.01	ND
MW-3	06/14/2007	100	<0.50	<1.0	<1.0	<1.0	NA	2.4	NA	NA	NA	NA	161.11	12.08	149.03	ND
MW-3	08/27/2007	<50 I	<0.50	<1.0	<1.0	<1.0	NA	1.3	<2.0	<2.0	<2.0	<10	161.11	12.54	148.57	ND
MW-3	11/29/2007	<50 I	<0.50	<1.0	<1.0	<1.0	NA	0.52 k	NA	NA	NA	NA	161.11	12.09	149.02	ND
MW-3	03/21/2008	<50	<0.50	<1.0	<1.0	<1.0	NA	<1.0	NA	NA	NA	NA	161.11	12.20	148.91	ND
MW-3	05/29/2008	<50	<0.50	<1.0	<1.0	<1.0	NA	<1.0	NA	NA	NA	NA	161.11	12.12	148.99	ND
MW-3	08/29/2008	<50	<0.50	<1.0	<1.0	<1.0	NA	<1.0	<2.0	<2.0	<2.0	<10	161.11	12.49	148.62	ND
MW-3	12/29/2008	<50	<0.50	<1.0	<1.0	<1.0	NA	<1.0	NA	NA	NA	NA	161.11	11.40	149.71	ND
MW-3	03/05/2009	<50	<0.50	<1.0	<1.0	<1.0	NA	<1.0	NA	NA	NA	NA	161.11	9.50	151.61	ND
MW-3	05/27/2009	<50	<0.50	<1.0	<1.0	<1.0	NA	<1.0	NA	NA	NA	NA	161.11	11.83	149.28	ND
MW-3	12/28/2009	<50	<0.50	<1.0	<1.0	<1.0	NA	<1.0	<2.0	<2.0	<2.0	<10	161.11	11.68	149.43	ND
MW-3	06/02/2010	<50	<0.50	<1.0	<1.0	<1.0	NA	<1.0	NA	NA	NA	NA	161.11	11.71	149.40	ND
MW-3	**12/28/2010**	**<50**	**<0.50**	**<1.0**	**<1.0**	**<1.0**	**NA**	**<1.0**	**<2.0**	**<2.0**	**<2.0**	**<10**	**161.11**	**10.80**	**150.31**	**ND**
MW-4	07/10/2002	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NM	13.19	NA	ND
MW-4	07/16/2002	800	1.1	1.1	2.6	2.4	NA	450	NA	NA	NA	NA	NM	13.56	NA	ND
MW-4	09/06/2002	1,100	3.0	1.8	8.0	4.6	NA	110	NA	NA	NA	NA	160.09	13.67	146.42	ND
MW-4	12/12/2002	130	<0.50	<0.50	<0.50	<0.50	NA	940	NA	NA	NA	NA	160.09	14.06	146.03	ND
MW-4	03/31/2003	<250	<2.5	<2.5	<2.5	<5.0	NA	500	NA	NA	NA	NA	160.09	13.69	146.40	ND
MW-4	06/30/2003	3,100	5.3	<5.0	7.1	<10	NA	420	NA	NA	NA	NA	160.09	14.12	145.97	ND
MW-4	09/09/2003	1,400	2.4	2.0	2.6	3.2	NA	140	NA	NA	NA	NA	160.09	14.92	145.17	ND
MW-4	12/29/2003	2,700	10	6.2	20	11	NA	420	NA	NA	NA	NA	160.09	12.71	147.38	ND
MW-4	03/17/2004	1,900	6.9	3.0	33	22	NA	290	NA	NA	NA	NA	160.09	13.24	146.85	ND
MW-4	05/24/2004	1,800	<2.5	<2.5	<2.5	11	NA	44	NA	NA	NA	NA	160.09	14.03	146.06	ND
MW-4	09/17/2004	3,300	57	10	47	32	NA	310	<10	<10	<10	700	160.09	13.58	146.51	ND
MW-4	12/06/2004	4,700	9.4	3.8	34	12	NA	150	NA	NA	NA	NA	160.09	14.65	145.44	ND
MW-4	03/02/2005	<1,300	<13	<13	<13	<25	NA	150	NA	NA	NA	NA	160.09	12.67	147.42	ND
MW-4	06/10/2005	2,600	4.1	1.9	25	5.6	NA	61	NA	NA	NA	NA	160.09	13.11	146.98	ND

WELL CONCENTRATIONS
Shell-branded Service Station
2120 Montana Street
Oakland, CA

Well ID	Date	TPPH (ug/L)	B (ug/L)	T (ug/L)	E (ug/L)	X (ug/L)	MTBE 8020 (ug/L)	MTBE 8260 (ug/L)	DIPE (ug/L)	ETBE (ug/L)	TAME (ug/L)	TBA (ug/L)	TOC (MSL)	Depth to Water (ft.)	GW Elevation (MSL)	SPH Thickness (ft.)
MW-4	09/01/2005	4,000 g	<13	<13	22	<25	NA	36	<50	<50	<50	<130	160.09	14.00	146.09	ND
MW-4	11/16/2005	4,740	3.23	1.75	12.8	6.06	NA	12.2	NA	NA	NA	NA	160.09	13.87	146.22	ND
MW-4 i	03/03/2006	79,300 j	649 j	37.2	470 j	326	NA	577 j	NA	NA	NA	NA	160.09	12.80	147.29	ND
MW-4	05/12/2006	2,750	8.03	<0.500	<0.500	<0.500	NA	244	NA	NA	NA	NA	160.09	16.26	143.83	ND
MW-4	09/05/2006	2,230	2.04	1.24	<0.500	1.50	NA	95.9	<0.500	<0.500	<0.500	239	160.09	13.92	146.17	ND
MW-4	12/18/2006	1,400	4.3	1.7	7.3	2.8	NA	140	NA	NA	NA	NA	160.09	12.71	147.38	ND
MW-4	03/21/2007	540	0.68	0.51	4.0	<1.0	NA	140	NA	NA	NA	NA	160.09	13.35	146.74	ND
MW-4	06/14/2007	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	160.09	19.02	141.07	ND
MW-4	08/27/2007	880 l,m	0.38 k	<1.0	<1.0	<1.0	NA	8.5	<2.0	<2.0	<2.0	98	160.09	13.92	146.17	ND
MW-4	11/29/2007	3,200 l	1.9	1.2	1.9	2.55 k	NA	<1.0	NA	NA	NA	NA	160.09	13.50	146.59	ND
MW-4	03/21/2008	350	<0.50	<1.0	<1.0	<1.0	NA	8.2	NA	NA	NA	NA	160.09	13.45	146.64	ND
MW-4	05/29/2008	1,800	1.6	<1.0	1.8	1.5	NA	13	NA	NA	NA	NA	160.09	13.73	146.36	ND
MW-4	08/29/2008	1,300	1.5	<1.0	1.2	1.3	NA	13	<2.0	<2.0	<2.0	54	160.09	14.08	146.01	ND
MW-4	12/29/2008	1,700	1.8	1.4	2.3	1.6	NA	8.9	NA	NA	NA	NA	160.09	13.13	146.96	ND
MW-4	03/05/2009	1,800	1.6	<1.0	<1.0	<1.0	NA	16	NA	NA	NA	NA	160.09	11.12	148.97	ND
MW-4	05/27/2009	2,000	4.6	1.8	3.5	2.2	NA	28	NA	NA	NA	NA	160.09	13.35	146.74	ND
MW-4	12/28/2009	1,100	0.66	<1.0	<1.0	<1.0	NA	7.4	<2.0	<2.0	<2.0	72	160.09	13.35	146.74	ND
MW-4	06/02/2010	1,400	1.5	<1.0	1.8	1.0	NA	8.6	NA	NA	NA	NA	160.09	13.33	146.76	ND
MW-4	**12/28/2010**	**1,100**	**<0.50**	**<1.0**	**<1.0**	**<1.0**	**NA**	**5.8**	**<2.0**	**<2.0**	**<2.0**	**50**	**160.09**	**12.38**	**147.71**	**ND**
MW-5	07/10/2002	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NM	12.22	NA	ND
MW-5	07/16/2002	6,100	65	7.2	100	130	NA	410	NA	NA	NA	NA	NM	12.50	NA	ND
MW-5	09/06/2002	5,900	100	8.1	41	32	NA	230	NA	NA	NA	NA	158.25	12.77	145.48	ND
MW-5	12/12/2002	4,900	70	5.7	25	17	NA	280	NA	NA	NA	NA	158.25	12.71	145.54	ND
MW-5	03/31/2003	6,400	61	4.9	23	13	NA	330	NA	NA	NA	NA	158.25	11.93	146.32	ND
MW-5	06/30/2003	3,400	18	<2.5	17	5.5	NA	47	NA	NA	NA	NA	158.25	11.97	146.28	ND
MW-5	09/09/2003	6,800	46	23	39	42	NA	67	NA	NA	NA	NA	158.25	12.44	145.81	ND
MW-5	12/29/2003	8,400	44	6.2	36	16	NA	60	NA	NA	NA	NA	158.25	11.38	146.87	ND

WELL CONCENTRATIONS
Shell-branded Service Station
2120 Montana Street
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Well ID	Date	TPPH (ug/L)	B (ug/L)	T (ug/L)	E (ug/L)	X (ug/L)	MTBE 8020 (ug/L)	MTBE 8260 (ug/L)	DIPE (ug/L)	ETBE (ug/L)	TAME (ug/L)	TBA (ug/L)	TOC (MSL)	Depth to Water (ft.)	GW Elevation (MSL)	SPH Thickness (ft.)
MW-5	03/17/2004	7,100	120	22	42	27	NA	300	NA	NA	NA	NA	158.25	11.68	146.57	ND
MW-5	05/24/2004	6,100	72	17	34	23	NA	110	NA	NA	NA	NA	158.25	12.30	145.95	ND
MW-5	09/17/2004	5,700	27	5.3	35	<10	NA	28	<20	<20	<20	<50	158.25	12.15	146.10	ND
MW-5	12/06/2004	4,500	11	<5.0	22	<10	NA	7.5	NA	NA	NA	NA	158.25	12.85	145.40	ND
MW-5	03/02/2005	6,500	14	<2.5	18	<5.0	NA	6.0	NA	NA	NA	NA	158.25	10.83	147.42	ND
MW-5	06/10/2005	5,300	19	2.4	17	4.3	NA	7.2	NA	NA	NA	NA	158.25	12.00	146.25	ND
MW-5	09/01/2005	1,900 g	5.3	<2.5	6.9	<5.0	NA	<2.5	<10	<10	<10	<25	158.25	12.30	145.95	ND
MW-5	11/16/2005	3,590	4.66	0.580	7.69	1.45	NA	1.13	NA	NA	NA	NA	158.25	12.58	145.67	ND
MW-5	03/03/2006	5,760	7.08	0.960	8.46	2.18	NA	2.65	NA	NA	NA	NA	158.25	11.15	147.10	ND
MW-5	05/12/2006	1,960	3.66	<0.500	1.03	<0.500	NA	1.45	NA	NA	NA	NA	158.25	12.55	145.70	ND
MW-5	09/05/2006	3,730	4.23	0.780	3.19	0.790	NA	1.77	<0.500	<0.500	<0.500	32.9	158.25	12.70	145.55	ND
MW-5	12/18/2006	1,600	5.1	0.66	6.0	3.3	NA	<0.50	NA	NA	NA	NA	158.25	11.40	146.85	ND
MW-5	03/21/2007	210	1.7	<0.50	<0.50	<1.0	NA	<1.0	NA	NA	NA	NA	158.25	12.17	146.08	ND
MW-5	06/14/2007	2,300	1.5	<1.0	0.43 k	<1.0	NA	<1.0	NA	NA	NA	NA	158.25	13.50	144.75	ND
MW-5	08/27/2007	2,500 l,m	3.2	0.41 k	2.8	2.48 k	NA	<1.0	<2.0	<2.0	<2.0	6.8 k	158.25	12.55	145.70	ND
MW-5	11/29/2007	2,300 l	7.8	0.45 k	0.75 k	0.60 k	NA	<1.0	NA	NA	NA	NA	158.25	11.97	146.28	ND
MW-5	03/21/2008	1,400	24	5.5	1.8	2.2	NA	6.6	NA	NA	NA	NA	158.25	11.70	146.55	ND
MW-5	05/29/2008	1,400	33	2.9	<1.0	3.2	NA	6.9	NA	NA	NA	NA	158.25	12.27	145.98	ND
MW-5	08/29/2008	960	14	<1.0	<1.0	1.4	NA	4.3	<2.0	<2.0	<2.0	<10	158.25	12.46	145.79	ND
MW-5	12/29/2008	1,200	12	<1.0	<1.0	<1.0	NA	<1.0	NA	NA	NA	NA	158.25	11.80	146.45	ND
MW-5	03/05/2009	1,900	24	2.9	3.7	7.9	NA	<1.0	NA	NA	NA	NA	158.25	9.82	148.43	ND
MW-5	05/27/2009	1,400	23	1.7	2.0	4.9	NA	4.4	NA	NA	NA	NA	158.25	12.34	145.91	ND
MW-5	12/28/2009	980	7.5	<1.0	<1.0	<1.0	NA	2.3	<2.0	<2.0	<2.0	<10	158.25	12.18	146.07	ND
MW-5	06/02/2010	1,200	12	<1.0	<1.0	3.1	NA	<1.0	NA	NA	NA	NA	158.25	12.04	146.21	ND
MW-5	**12/28/2010**	**970**	**5.5**	**<1.0**	**<1.0**	**<1.0**	**NA**	**1.3**	**<2.0**	**<2.0**	**<2.0**	**<10**	**158.25**	**11.11**	**147.14**	**ND**
TBW-N	09/25/2001 c	120,000	3,200	2,800	4,000	18,000	NA	31,000	NA	NA	NA	NA	NM	12.25	NM	ND
TBW-N	11/20/2001	72,000	2,200	3,600	2,600	14,000	NA	35,000	NA	NA	NA	NA	NM	12.13	NM	ND

WELL CONCENTRATIONS
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2120 Montana Street
Oakland, CA

Well ID	Date	TPPH (ug/L)	B (ug/L)	T (ug/L)	E (ug/L)	X (ug/L)	MTBE 8020 (ug/L)	MTBE 8260 (ug/L)	DIPE (ug/L)	ETBE (ug/L)	TAME (ug/L)	TBA (ug/L)	TOC (MSL)	Depth to Water (ft.)	GW Elevation (MSL)	SPH Thickness (ft.)
TBW-N	12/05/2001	76,000	1,600	3,200	2,900	15,000	NA	30,000	NA	NA	NA	NA	NM	11.51	NM	ND
TBW-N	03/01/2002	91,000	1,200	4,200	2,800	14,000	NA	29,000	NA	NA	NA	NA	NM	11.88	NM	ND
TBW-N	06/06/2002	100,000	2,100	8,200	3,400	17,000	NA	18,000	NA	NA	NA	NA	NM	12.48	NM	ND
TBW-N	07/16/2002	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NM	12.39	NM	ND
TBW-N	09/06/2002	69,000	870	4,800	2,300	11,000	NA	17,000	NA	NA	NA	NA	161.26	12.36	148.90	ND
TBW-N	12/12/2002	Well inaccessible		NA	NA	NA	NA	NA	NA	NA	NA	NA	161.26	NA	NA	NA
TBW-N	12/19/2002	110,000	1,900	13,000	3,100	18,000	NA	19,000	NA	NA	NA	NA	161.26	10.82	150.44	ND
TBW-N	03/31/2003	62,000	1,600	6,500	2,200	11,000	NA	11,000	NA	NA	NA	NA	161.26	10.63	150.63	ND
TBW-N	06/30/2003	260,000	7,700	<120	5,800	40,000	NA	8,400	NA	NA	NA	NA	161.26	11.51	149.75	ND
TBW-N	09/09/2003	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	159.92	11.37	148.64	0.11
TBW-N	12/29/2003	130,000	840	8,200	2,400	18,000	NA	5,400	NA	NA	NA	NA	159.92	10.40	149.52	ND
TBW-N	03/17/2004	32,000	440	1,500	580	4,500	NA	3,700	NA	NA	NA	NA	159.92	10.49	149.44	0.01
TBW-N	05/24/2004	110,000	380	2,600	1,600	11,000	NA	3,100	NA	NA	NA	NA	159.92	10.72	149.20	ND
TBW-N	09/17/2004	25,000	120	490	570	3,900	NA	490	<200	<200	<200	4,500	159.92	10.80	149.12	ND
TBW-N	12/06/2004	15,000	33	11	410	1,500	NA	200	NA	NA	NA	NA	159.92	11.00	148.92	ND
TBW-N	03/02/2005	7,900	15	<10	120	610	NA	460	NA	NA	NA	NA	159.92	10.58	149.34	ND
TBW-N	06/10/2005	1,200	<5.0	<5.0	13	25	NA	93	NA	NA	NA	NA	159.92	10.68	149.24	ND
TBW-N	09/01/2005	3,500 g	<10	<10	86	330	NA	47	<40	<40	<40	1,700	159.92	11.05	148.87	ND
TBW-N	11/16/2005	8,830	1.53	1.59	86.6	404	NA	35.0	NA	NA	NA	NA	159.92	10.95	148.97	ND
TBW-N	03/03/2006	955	<0.500	<0.500	1.25	<0.500	NA	70.4	NA	NA	NA	4,930	159.92	10.31	149.61	ND
TBW-N	05/12/2006	706	<0.500	<0.500	5.81	<0.500	NA	14.5	NA	NA	NA	488	159.92	10.73	149.19	ND
TBW-N	09/05/2006	1,230	<0.500	<0.500	6.05	2.68	NA	15.3	<0.500	<0.500	<0.500	265	159.92	11.46	148.46	ND
TBW-N	12/18/2006	290	0.68	<0.50	<0.50	<1.0	NA	37	NA	NA	NA	3,400	159.92	10.12	149.80	ND
TBW-N	03/21/2007	300	<0.50	<0.50	<0.50	<1.0	NA	15	NA	NA	NA	820	159.92	10.67	149.25	ND
TBW-N	06/14/2007	530	<0.50	<1.0	<1.0	<1.0	NA	7.7	NA	NA	NA	240	159.92	11.22	148.70	ND
TBW-N	08/27/2007	100 l	0.52	<1.0	<1.0	<1.0	NA	18	<2.0	<2.0	<2.0	40	159.92	11.44	148.48	ND
TBW-N	11/29/2007	130 l	0.19 k	<1.0	<1.0	<1.0	NA	7.8	NA	NA	NA	490	159.92	10.58	149.34	ND
TBW-N	03/21/2008	56	<0.50	<1.0	<1.0	<1.0	NA	9.3	NA	NA	NA	300	159.92	10.50	149.42	ND

WELL CONCENTRATIONS
Shell-branded Service Station
2120 Montana Street
Oakland, CA

Well ID	Date	TPPH (ug/L)	B (ug/L)	T (ug/L)	E (ug/L)	X (ug/L)	MTBE 8020 (ug/L)	MTBE 8260 (ug/L)	DIPE (ug/L)	ETBE (ug/L)	TAME (ug/L)	TBA (ug/L)	TOC (MSL)	Depth to Water (ft.)	GW Elevation (MSL)	SPH Thickness (ft.)
TBW-N	05/29/2008	<50	<0.50	<1.0	<1.0	<1.0	NA	4.1	NA	NA	NA	140	159.92	10.66	149.26	ND
TBW-N	08/29/2008	54	<0.50	<1.0	<1.0	<1.0	NA	4.3	<2.0	<2.0	<2.0	89	159.92	10.88	149.04	ND
TBW-N	12/29/2008	93	<0.50	<1.0	<1.0	<1.0	NA	4.4	NA	NA	NA	740	159.92	10.17	149.75	ND
TBW-N	03/05/2009	93	<0.50	<1.0	<1.0	<1.0	NA	6.7	NA	NA	NA	1,900	159.92	8.62	151.30	ND
TBW-N	05/27/2009	<250	<2.5	<5.0	<5.0	<5.0	NA	<5.0	NA	NA	NA	160	159.92	10.44	149.48	ND
TBW-N	12/28/2009	<50	<0.50	<1.0	<1.0	<1.0	NA	2.5	<2.0	<2.0	<2.0	170	159.92	9.85	150.07	ND
TBW-N	06/02/2010	<50	<0.50	<1.0	<1.0	<1.0	NA	2.5	NA	NA	NA	91	159.92	9.76	150.16	ND
TBW-N	**12/28/2010**	**63**	**<0.50**	**<1.0**	**<1.0**	**<1.0**	**NA**	**2.6**	**<2.0**	**<2.0**	**<2.0**	**720**	**159.92**	**9.06**	**150.86**	**ND**
EW-1	05/05/2006	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	15.42	NA	ND
EW-1	05/12/2006	5,550	52.9	30.2	86.9	249	NA	939	<0.500	<0.500	<0.500	3,900	NA	17.33	NA	ND
EW-1	09/05/2006	2,700	28.3	1.64	11.8	7.98	NA	325	<0.500	<0.500	<0.500	1,900	158.63	12.44	146.19	ND
EW-1	12/18/2006	4,900	140	63	170	790	NA	640	NA	NA	NA	NA	158.63	11.00	147.63	ND
EW-1	03/21/2007	1,000	32	<2.5	14	48	NA	420	NA	NA	NA	NA	158.63	14.61	144.02	ND
EW-1	06/14/2007	2,100	14	1.1	5.0	9.3	NA	46	NA	NA	NA	NA	158.63	21.00	137.63	ND
EW-1	08/27/2007	97 l	<0.50	<1.0	<1.0	0.19 k	NA	3.6	<2.0	<2.0	<2.0	32	158.63	12.80	145.83	ND
EW-1	11/29/2007	7,600 l	110	36	190	1,390	NA	470	NA	NA	NA	NA	158.63	11.87	146.76	ND
EW-1	03/21/2008	7,300	160	14	400	630	NA	640	NA	NA	NA	NA	158.63	12.10	146.53	ND
EW-1	05/29/2008	3,600	93	6.0	190	124	NA	340	NA	NA	NA	NA	158.63	12.09	146.54	ND
EW-1	08/29/2008	1,100	15	1.5	78	36	NA	48	<2.0	<2.0	<2.0	190	158.63	12.65	145.98	ND
EW-1	12/29/2008	3,200	48	4.2	100	240	NA	180	NA	NA	NA	NA	158.63	11.45	147.18	ND
EW-1	03/05/2009	2,900	58	2.4	130	220	NA	280	NA	NA	NA	NA	158.63	8.48	150.15	ND
EW-1	05/27/2009	2,300	74	2.1	59	96	NA	160	NA	NA	NA	NA	158.63	11.90	146.73	ND
EW-1	12/28/2009	2,100	23	<1.0	93	96	NA	94	<2.0	<2.0	<2.0	400	158.63	11.68	146.95	ND
EW-1	06/02/2010	1,700	13	<1.0	59	66	NA	51	NA	NA	NA	NA	158.63	11.70	146.93	ND
EW-1	**12/28/2010**	**2,100**	**20**	**<1.0**	**110**	**170**	**NA**	**45**	**<2.0**	**<2.0**	**<2.0**	**340**	**158.63**	**10.65**	**147.98**	**ND**
EW-2	05/05/2006	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	16.83	NA	ND

WELL CONCENTRATIONS
Shell-branded Service Station
2120 Montana Street
Oakland, CA

Well ID	Date	TPPH (ug/L)	B (ug/L)	T (ug/L)	E (ug/L)	X (ug/L)	MTBE 8020 (ug/L)	MTBE 8260 (ug/L)	DIPE (ug/L)	ETBE (ug/L)	TAME (ug/L)	TBA (ug/L)	TOC (MSL)	Depth to Water (ft.)	GW Elevation (MSL)	SPH Thickness (ft.)
EW-2	05/12/2006	11,400	377	135	335	313	NA	401	<0.500	<0.500	<0.500	1,220	NA	15.91	NA	ND
EW-2	09/05/2006	1,810	41.1	4.52	17.2	74.0	NA	87.8	<0.500	<0.500	<0.500	606	157.51	11.21	146.30	ND
EW-2	12/18/2006	3,200	75	33	90	470	NA	130	NA	NA	NA	NA	157.51	9.93	147.58	ND
EW-2	03/21/2007	61	<0.50	<0.50	<0.50	1.5	NA	18	NA	NA	NA	NA	157.51	10.55	146.96	ND
EW-2	06/14/2007	570	3.8	<1.0	<1.0	<1.0	NA	10	NA	NA	NA	NA	157.51	12.82	144.69	ND
EW-2	08/27/2007	320 l	2.6	0.36 k	1.4	6.31 k	NA	10	<2.0	<2.0	<2.0	230	157.51	10.34	147.17	ND
EW-2	11/29/2007	72 l	0.83	0.53 k	0.49 k	1.41 k	NA	12	NA	NA	NA	NA	157.51	10.80	146.71	ND
EW-2	03/21/2008	250	3.5	<1.0	2.7	15.3	NA	62	NA	NA	NA	NA	157.51	10.80	146.71	ND
EW-2	05/29/2008	280	8.7	1.5	7.8	29.3	NA	46	NA	NA	NA	NA	157.51	10.86	146.65	ND
EW-2	08/29/2008	<50	<0.50	<1.0	<1.0	<1.0	NA	<1.0	<2.0	<2.0	<2.0	<10	157.51	9.81	147.70	ND
EW-2	12/29/2008	760	21	1.4	17	64	NA	37	NA	NA	NA	NA	157.51	10.37	147.14	ND
EW-2	03/05/2009	260	5.8	<1.0	8.4	30	NA	38	NA	NA	NA	NA	157.51	8.35	149.16	ND
EW-2	05/27/2009	580	27	2.4	25	79	NA	71	NA	NA	NA	NA	157.51	10.83	146.68	ND
EW-2	12/28/2009	780	31	1.6	31	67	NA	51	<2.0	<2.0	<2.0	270	157.51	10.55	146.96	ND
EW-2	06/02/2010	1,400	45	3.0	110	160	NA	53	NA	NA	NA	NA	157.51	10.63	146.88	ND
EW-2	**12/28/2010**	**770**	**29**	**1.3**	**58**	**82**	**NA**	**48**	**<2.0**	**<2.0**	**<2.0**	**310**	**157.51**	**9.57**	**147.94**	**ND**

WELL CONCENTRATIONS
Shell-branded Service Station
2120 Montana Street
Oakland, CA

Well ID	Date	TPPH (ug/L)	B (ug/L)	T (ug/L)	E (ug/L)	X (ug/L)	MTBE 8020 (ug/L)	MTBE 8260 (ug/L)	DIPE (ug/L)	ETBE (ug/L)	TAME (ug/L)	TBA (ug/L)	TOC (MSL)	Depth to Water (ft.)	GW Elevation (MSL)	SPH Thickness (ft.)

Abbreviations:
TPPH = Total petroleum hydrocarbons as gasoline by EPA Method 8260B; prior to May 31, 2001, analyzed by EPA Method 8015.
BTEX = Benzene, toluene, ethylbenzene, xylenes by EPA Method 8260B; prior to May 31, 2001, analyzed by EPA Method 8020.
MTBE = Methyl tertiary butyl ether
DIPE = Di-isopropyl ether, analyzed by EPA Method 8260B
ETBE = Ethyl tertiary butyl ether, analyzed by EPA Method 8260B
TAME = Tertiary amyl methyl ether, analyzed by EPA Method 8260B
TBA = Tertiary butyl alcohol, analyzed by EPA Method 8260B
TOC = Top of Casing Elevation
GW = Groundwater
TBW-N = tank backfill well-North
NA = Not analyzed
ND = Not detected
NM = Not measured
ug/L = parts per billion
MSL = Mean sea level
ft. = Feet
<n = Below detection limit

WELL CONCENTRATIONS
Shell-branded Service Station
2120 Montana Street
Oakland, CA

Well ID	Date	TPPH (ug/L)	B (ug/L)	T (ug/L)	E (ug/L)	X (ug/L)	MTBE 8020 (ug/L)	MTBE 8260 (ug/L)	DIPE (ug/L)	ETBE (ug/L)	TAME (ug/L)	TBA (ug/L)	TOC (MSL)	Depth to Water (ft.)	GW Elevation (MSL)	SPH Thickness (ft.)

Notes:

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

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

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

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

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

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

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

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

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

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

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

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

m = The sample chromatographic pattern for TPH does not match the chromatographic pattern of the specified standard. Quantitation of the unknown hydrocarbon(s) in the sample was base

Survey data provided by Cambria Environmental Technology, May 2001.

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

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

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

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

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

Calscience
Environmental
Laboratories, Inc.

January 12, 2011

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

Subject: **Calscience Work Order No.: 10-12-2332**
Client Reference: 2120 Montana St., Oakland, CA

Dear Client:

Enclosed is an analytical report for the above-referenced project. The samples included in this report were received 12/30/2010 and analyzed in accordance with the attached chain-of-custody.

Calscience Environmental Laboratories certifies that the test results provided in this report meet all NELAC requirements for parameters for which accreditation is required or available. Any exceptions to NELAC requirements are noted in the case narrative. 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,

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

Calscience Environmental Laboratories, Inc.

Analytical Report

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

Date Received: 12/30/10
Work Order No: 10-12-2332
Preparation: EPA 5030C
Method: LUFT GC/MS / EPA 8260B
Units: ug/L

Project: 2120 Montana St., Oakland, CA

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
MW-5	10-12-2332-1-A	12/28/10 11:00	Aqueous	GC/MS EE	01/04/11	01/04/11 15:16	110104L01

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Benzene	5.5	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)	1.3	1.0	1		TPPH	970	50	1	
Surrogates:	REC (%)	Control Limits		Qual	Surrogates:	REC (%)	Control Limits		Qual
Dibromofluoromethane	92	80-126			1,2-Dichloroethane-d4	103	80-131		
Toluene-d8	93	80-120			Toluene-d8-TPPH	99	88-112		
1,4-Bromofluorobenzene	100	80-120							

MW-2	10-12-2332-2-A	12/28/10 11:25	Aqueous	GC/MS EE	01/04/11	01/04/11 22:59	110104L01

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Benzene	120	2.5	5		Tert-Butyl Alcohol (TBA)	700	50	5	
Ethylbenzene	52	5.0	5		Diisopropyl Ether (DIPE)	ND	10	5	
Toluene	8.9	5.0	5		Ethyl-t-Butyl Ether (ETBE)	ND	10	5	
Xylenes (total)	26	5.0	5		Tert-Amyl-Methyl Ether (TAME)	ND	10	5	
Methyl-t-Butyl Ether (MTBE)	50	5.0	5		TPPH	9100	250	5	
Surrogates:	REC (%)	Control Limits		Qual	Surrogates:	REC (%)	Control Limits		Qual
Dibromofluoromethane	101	80-126			1,2-Dichloroethane-d4	102	80-131		
Toluene-d8	96	80-120			Toluene-d8-TPPH	94	88-112		
1,4-Bromofluorobenzene	93	80-120							

MW-3	10-12-2332-3-A	12/28/10 11:55	Aqueous	GC/MS EE	01/04/11	01/04/11 16:14	110104L01

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	97	80-126			1,2-Dichloroethane-d4	105	80-131		
Toluene-d8	95	80-120			Toluene-d8-TPPH	96	88-112		
1,4-Bromofluorobenzene	101	80-120							

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: 12/30/10
Work Order No: 10-12-2332
Preparation: EPA 5030C
Method: LUFT GC/MS / EPA 8260B
Units: ug/L

Project: 2120 Montana St., Oakland, CA

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
TBW-N	10-12-2332-4-A	12/28/10 12:05	Aqueous	GC/MS EE	01/04/11	01/04/11 16:43	110104L01

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Benzene	ND	0.50	1		Tert-Butyl Alcohol (TBA)	720	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)	2.6	1.0	1		TPPH	63	50	1	
Surrogates:	REC (%)	Control Limits		Qual	Surrogates:	REC (%)	Control Limits		Qual
Dibromofluoromethane	93	80-126			1,2-Dichloroethane-d4	106	80-131		
Toluene-d8	96	80-120			Toluene-d8-TPPH	97	88-112		
1,4-Bromofluorobenzene	98	80-120							

MW-4	10-12-2332-5-A	12/28/10 13:55	Aqueous	GC/MS EE	01/04/11	01/04/11 18:09	110104L01

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Benzene	ND	0.50	1		Tert-Butyl Alcohol (TBA)	50	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)	5.8	1.0	1		TPPH	1100	50	1	
Surrogates:	REC (%)	Control Limits		Qual	Surrogates:	REC (%)	Control Limits		Qual
Dibromofluoromethane	95	80-126			1,2-Dichloroethane-d4	109	80-131		
Toluene-d8	96	80-120			Toluene-d8-TPPH	97	88-112		
1,4-Bromofluorobenzene	105	80-120							

EW-2	10-12-2332-6-A	12/28/10 12:55	Aqueous	GC/MS EE	01/04/11	01/04/11 18:38	110104L01

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Benzene	29	0.50	1		Tert-Butyl Alcohol (TBA)	310	10	1	
Ethylbenzene	58	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	
Xylenes (total)	82	1.0	1		Tert-Amyl-Methyl Ether (TAME)	ND	2.0	1	
Methyl-t-Butyl Ether (MTBE)	48	1.0	1		TPPH	770	50	1	
Surrogates:	REC (%)	Control Limits		Qual	Surrogates:	REC (%)	Control Limits		Qual
Dibromofluoromethane	97	80-126			1,2-Dichloroethane-d4	111	80-131		
Toluene-d8	95	80-120			Toluene-d8-TPPH	93	88-112		
1,4-Bromofluorobenzene	96	80-120							

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: 12/30/10
Work Order No: 10-12-2332
Preparation: EPA 5030C
Method: LUFT GC/MS / EPA 8260B
Units: ug/L

Project: 2120 Montana St., Oakland, CA

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
EW-1	10-12-2332-7-A	12/28/10 13:15	Aqueous	GC/MS EE	01/04/11	01/04/11 19:07	110104L01

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Benzene	20	0.50	1		Tert-Butyl Alcohol (TBA)	340	10	1	
Ethylbenzene	110	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)	170	1.0	1		Tert-Amyl-Methyl Ether (TAME)	ND	2.0	1	
Methyl-t-Butyl Ether (MTBE)	45	1.0	1		TPPH	2100	50	1	
Surrogates:	REC (%)	Control Limits		Qual	Surrogates:	REC (%)	Control Limits		Qual
Dibromofluoromethane	92	80-126			1,2-Dichloroethane-d4	100	80-131		
Toluene-d8	95	80-120			Toluene-d8-TPPH	96	88-112		
1,4-Bromofluorobenzene	100	80-120							

MW-1	10-12-2332-8-B	12/28/10 13:35	Aqueous	GC/MS EE	01/05/11	01/05/11 15:14	110105L01

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Benzene	26	1.0	2		Tert-Butyl Alcohol (TBA)	1400	20	2	
Ethylbenzene	69	2.0	2		Diisopropyl Ether (DIPE)	ND	4.0	2	
Toluene	ND	2.0	2		Ethyl-t-Butyl Ether (ETBE)	ND	4.0	2	
Xylenes (total)	260	2.0	2		Tert-Amyl-Methyl Ether (TAME)	ND	4.0	2	
Methyl-t-Butyl Ether (MTBE)	100	2.0	2		TPPH	3700	100	2	
Surrogates:	REC (%)	Control Limits		Qual	Surrogates:	REC (%)	Control Limits		Qual
Dibromofluoromethane	97	80-126			1,2-Dichloroethane-d4	107	80-131		
Toluene-d8	95	80-120			Toluene-d8-TPPH	94	88-112		
1,4-Bromofluorobenzene	93	80-120							

Method Blank	099-14-246-6	N/A	Aqueous	GC/MS EE	01/01/95	01/04/11 14:47	110104L01

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	95	80-126			1,2-Dichloroethane-d4	101	80-131		
Toluene-d8	97	80-120			Toluene-d8-TPPH	92	88-112		
1,4-Bromofluorobenzene	99	80-120							

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: 12/30/10
Work Order No: 10-12-2332
Preparation: EPA 5030C
Method: LUFT GC/MS / EPA 8260B
Units: ug/L

Project: 2120 Montana St., Oakland, CA

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
Method Blank	099-14-246-8	N/A	Aqueous	GC/MS EE	01/05/11	01/05/11 14:45	110105L01

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	91	80-126			1,2-Dichloroethane-d4	110	80-131		
Toluene-d8	96	80-120			Toluene-d8-TPPH	101	88-112		
1,4-Bromofluorobenzene	89	80-120							

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

Calscience Environmental Laboratories, Inc.

Quality Control - Spike/Spike Duplicate

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

Date Received: 12/30/10
Work Order No: 10-12-2332
Preparation: EPA 5030C
Method: LUFT GC/MS / EPA 8260B

Project 2120 Montana St., Oakland, CA

Quality Control Sample ID	Matrix	Instrument	Date Prepared	Date Analyzed	MS/MSD Batch Number
TBW-N	Aqueous	GC/MS EE	01/04/11	01/04/11	110104S01

Parameter	MS %REC	MSD %REC	%REC CL	RPD	RPD CL	Qualifiers
Benzene	92	87	80-120	6	0-20	
Ethylbenzene	98	92	73-127	7	0-20	
Toluene	91	87	80-120	5	0-20	
Xylenes (total)	96	90	80-120	7	0-20	
Methyl-t-Butyl Ether (MTBE)	87	81	65-131	6	0-22	
Tert-Butyl Alcohol (TBA)	104	100	62-134	1	0-20	
Diisopropyl Ether (DIPE)	86	82	64-136	5	0-29	
Ethyl-t-Butyl Ether (ETBE)	89	84	70-124	5	0-20	
Tert-Amyl-Methyl Ether (TAME)	88	85	71-125	4	0-20	

RPD - Relative Percent Difference , CL - Control Limit

Calscience Environmental Laboratories, Inc.

Quality Control - Spike/Spike Duplicate

Blaine Tech Services, Inc.	Date Received: 12/30/10
1680 Rogers Avenue	Work Order No: 10-12-2332
San Jose, CA 95112-1105	Preparation: EPA 5030C
	Method: LUFT GC/MS / EPA 8260B

Project 2120 Montana St., Oakland, CA

Quality Control Sample ID	Matrix	Instrument	Date Prepared	Date Analyzed	MS/MSD Batch Number
11-01-0100-1	Aqueous	GC/MS EE	01/05/11	01/05/11	110105S01

Parameter	MS %REC	MSD %REC	%REC CL	RPD	RPD CL	Qualifiers
Benzene	89	85	80-120	4	0-20	
Ethylbenzene	96	91	73-127	5	0-20	
Toluene	89	85	80-120	5	0-20	
Xylenes (total)	94	90	80-120	5	0-20	
Methyl-t-Butyl Ether (MTBE)	82	81	65-131	2	0-22	
Tert-Butyl Alcohol (TBA)	102	100	62-134	1	0-20	
Diisopropyl Ether (DIPE)	81	78	64-136	3	0-29	
Ethyl-t-Butyl Ether (ETBE)	83	82	70-124	2	0-20	
Tert-Amyl-Methyl Ether (TAME)	85	80	71-125	5	0-20	

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: 10-12-2332
Preparation: EPA 5030C
Method: LUFT GC/MS / EPA 8260B

Project: 2120 Montana St., Oakland, CA

Quality Control Sample ID	Matrix	Instrument	Date Prepared	Date Analyzed	LCS/LCSD Batch Number
099-14-246-6	Aqueous	GC/MS EE	01/01/95	01/04/11	110104L01

Parameter	LCS %REC	LCSD %REC	%REC CL	RPD	RPD CL	Qualifiers
Benzene	91	92	80-120	1	0-20	
Ethylbenzene	98	100	80-123	2	0-20	
Toluene	91	92	80-120	2	0-20	
Xylenes (total)	95	98	80-120	2	0-20	
Methyl-t-Butyl Ether (MTBE)	87	88	75-123	1	0-25	
Tert-Butyl Alcohol (TBA)	101	105	72-126	4	0-20	
Diisopropyl Ether (DIPE)	86	88	75-129	2	0-22	
Ethyl-t-Butyl Ether (ETBE)	89	90	76-124	1	0-20	
Tert-Amyl-Methyl Ether (TAME)	89	91	79-121	2	0-20	
TPPH	83	98	65-135	17	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: 10-12-2332
Preparation: EPA 5030C
Method: LUFT GC/MS / EPA 8260B

Project: 2120 Montana St., Oakland, CA

Quality Control Sample ID	Matrix	Instrument	Date Prepared	Date Analyzed	LCS/LCSD Batch Number
099-14-246-8	Aqueous	GC/MS EE	01/05/11	01/05/11	110105L01

Parameter	LCS %REC	LCSD %REC	%REC CL	RPD	RPD CL	Qualifiers
Benzene	93	93	80-120	1	0-20	
Ethylbenzene	100	99	80-123	1	0-20	
Toluene	93	93	80-120	0	0-20	
Xylenes (total)	98	98	80-120	0	0-20	
Methyl-t-Butyl Ether (MTBE)	85	89	75-123	4	0-25	
Tert-Butyl Alcohol (TBA)	104	108	72-126	4	0-20	
Diisopropyl Ether (DIPE)	84	88	75-129	4	0-22	
Ethyl-t-Butyl Ether (ETBE)	86	91	76-124	5	0-20	
Tert-Amyl-Methyl Ether (TAME)	88	89	79-121	1	0-20	
TPPH	86	89	65-135	3	0-30	

RPD - Relative Percent Difference , CL - Control Limit

Calscience Environmental Laboratories, Inc.

Glossary of Terms and Qualifiers

Work Order Number: 10-12-2332

Qualifier	Definition
*	See applicable analysis comment.
<	Less than the indicated value.
>	Greater than the indicated value.
1	Surrogate compound recovery was out of control due to a required sample dilution, therefore, the sample data was reported without further clarification.
2	Surrogate compound recovery was out of control due to matrix interference. The associated method blank surrogate spike compound was in control and, therefore, the sample data was reported without further clarification.
3	Recovery of the Matrix Spike (MS) or Matrix Spike Duplicate (MSD) compound was out of control due to matrix interference. The associated LCS and/or LCSD was in control and, therefore, the sample data was reported without further clarification.
4	The MS/MSD RPD was out of control due to matrix interference. The LCS/LCSD RPD was in control and, therefore, the sample data was reported without further clarification.
5	The PDS/PDSD or PES/PESD associated with this batch of samples was out of control due to a matrix interference effect. The associated batch LCS/LCSD was in control and, hence, the associated sample data was reported without further clarification.
B	Analyte was present in the associated method blank.
BU	Sample analyzed after holding time expired.
E	Concentration exceeds the calibration range.
ET	Sample was extracted past end of recommended max. 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.
ND	Parameter not detected at the indicated reporting limit.
Q	Spike recovery and RPD control limits do not apply resulting from the parameter concentration in the sample exceeding the spike concentration by a factor of four or greater.
X	% Recovery and/or RPD out-of-range.
Z	Analyte presence was not confirmed by second column or GC/MS analysis.

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

Shell Oil Products Chain Of Custody Record

LAB (LOCATION)
- [x] CALSCIENCE (_____)
- [ ] SRL (_____)
- [ ] XENCO (_____)
- [ ] TEST AMERICA (_____)
- [ ] OTHER (_____)

Please Check Appropriate Box:
- [ ] ENV. SERVICES
- [ ] MOTIVA RETAIL
- [ ] SHELL RETAIL
- [ ] MOTIVA SD&CM
- [x] CONSULTANT
- [ ] LUBES
- [ ] SHELL PIPELINE
- [ ] OTHER _____

Print Bill To Contact Name: Peter Schaefer 240733

INCIDENT # (ENV SERVICES): 98995740

PO # / SAP #

- [ ] CHECK IF NO INCIDENT # APPLIES

DATE: 12/28/10

PAGE: 1 of 1

SAMPLING COMPANY: Blaine Tech Services	LOG CODE: BTSS	SITE ADDRESS: Street and City: 2120 Montana St., Oakland	State: CA	GLOBAL ID NO: T0600101805
ADDRESS: 1680 Rogers Ave, San Jose, CA 95112		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 # 101228-DR2
PROJECT CONTACT (Hardcopy or PDF Report to): Michael Ninokata -= Copy to Shell.Lab.Billing@craworld.com		SAMPLER NAME(S) (Print): D. Raynal			LAB USE ONLY: 10-12-2332
TELEPHONE: (408)573-0555	FAX: (408)573-7771	E-MAIL: mninokata@blainetech.com			

TURNAROUND TIME (CALENDAR DAYS):
- [x] 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
- [x] 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)	TEMPERATURE ON RECEIPT C° / Container PID Readings or Laboratory Notes
1	MW-5	12/28/10	1100	W	X					3	X		X	X	X									
2	MW-2		1125	W	X					3	X		X	X	X	X								
3	MW-3		1155	W	X					3	X		X	X	X									
4	TBW-N		1205	W	X					6	X		X	X	X	X								collected MS/MSD
5	MW-4		1355	W	X					3	X		X	X	X									
6	EW-2		1255	W	X					3	X		X	X	X									
7	EW-1		1315	W	X					3	X		X	X	X									
8	MW-1		1335	W	X					3	X		X	X	X	X								

Relinquished by: (Signature)	Received by: (Signature)	Date:	Time:
D	D (Sample Custodian)	12/28/10	1605
	Tamalley CEL	12/29/10	0945
D 0850 12/29/10 1730	CEL	12/30/10	1030

05/2/06 Revision

>332

GSO

WebShip > > > > >

800-322-5555 www.gso.com

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

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

COD:
$0.00

Reference:
BTS

Delivery Instructions:

Signature Type:
SIGNATURE REQUIRED

Tracking #: 515655542

NPS

ORC **D**

GARDEN GROVE

D92843A

87496274

Print Date : 12/29/10 15:50 PM

Package 1 of 3

Send Label To Printer ☑ Print All Edit Shipment Finish

LABEL INSTRUCTIONS:

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

STEP 1 - Use the "Send Label to Printer" button on this page to print the shipping label on a laser or inkjet printer.
STEP 2 - Fold this page in half.
STEP 3 - Securely attach this label to your package, do not cover the barcode.
STEP 4 - Request an on-call pickup for your package, if you do not have scheduled daily pickup service or Drop-off your package at the nearest GSO drop box. Locate nearest GSO dropbox locations using this link.

ADDITIONAL OPTIONS:

Send Label Via Email Create Return Label

TERMS AND CONDITIONS:

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

Calscience Environmental Laboratories, Inc.

WORK ORDER #: 10-12-2133Z

SAMPLE RECEIPT FORM

Cooler 1 of 1

CLIENT: BTS DATE: 12/30/10

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

Temperature 3.0 °C + 0.5 °C (CF) = 3.5 °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 Initial: YC

CUSTODY SEALS INTACT:

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

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.			
☐ No analysis requested. ☐ Not relinquished. ☐ No date/time relinquished.			
Sampler's name indicated on COC	☑	☐	☐
Sample container label(s) consistent with COC	☑	☐	☐
Sample container(s) intact and good condition	☑	☐	☐
Proper containers and sufficient volume for analyses requested	☑	☐	☐
Analyses received within holding time	☑	☐	☐
pH / Residual Chlorine / Dissolved Sulfide received within 24 hours	☐	☐	☑
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 ☑VOAh ☐VOAna_2 ☐125AGB ☐125AGBh ☐125AGBp ☐1AGB ☐1AGBna_2 ☐1AGBs ☐500AGB ☐500AGJ ☐500AGJs ☐250AGB ☐250CGB ☐250CGBs ☐1PB ☐500PB ☐500PBna ☐250PB ☐250PBn ☐125PB ☐125PBznna ☐100PJ ☐100PJna_2 ☐_____ ☐_____ ☐_____

Air: ☐Tedlar® ☐Summa® **Other:** ☐_____ **Trip Blank Lot#:**_____ **Labeled/Checked by:** YC

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

Preservative: h: HCL n: HNO_3 na_2: $Na_2S_2O_3$ na: NaOH p: H_3PO_4 s: H_2SO_4 znna: $ZnAc_2$+NaOH f: Field-filtered **Scanned by:** _____

WELL GAUGING DATA

Project # 101228-DR2 Date 12/28/10 Client Shell

Site 2120 Montana St. Oakland Ca.

Well ID	Time	Well Size (in.)	Sheen / Odor	Depth to Immiscible Liquid (ft.)	Thickness of Immiscible Liquid (ft.)	Volume of Immiscibles Removed (ml)	Depth to water (ft.)	Depth to well bottom (ft.)	Survey Point: TOB or TOC	Notes
MW-1	1026	2					9.95	26.99		
MW-2	1107	2					10.84	19.80		
MW-3	0958	2					10.80	19.92		
MW-4	1008	4					12.38	19.73		
MW-5	1042	2					11.11	19.44		
TBW-N	1004	4					9.06	12.46		
EW-1	1020	4					10.65	25.71		
EW-2	1013 ~~1053~~ DR	4					9.57	26.31	↓	

SHE , WELL MONITORING DAT SHEET

BTS #: 101228-DR2	Site: 2120 Montana St. Oakland Ca.
Sampler: DR	Date: 12/28/10
Well I.D.: MW-1	Well Diameter: (2) 3 4 6 8 ____
Total Well Depth (TD): 26.99	Depth to Water (DTW): 9.95
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]: 13.36	

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:

2.7 (Gals.) X 3 = 8.1 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
1327	64.2	7.29	937	79	2.7	odor
1326	64.5	7.13	944	26	5.4	"
1330	64.4	7.10	950	20	8.1	"

Did well dewater? Yes (No) Gallons actually evacuated: 8.1

Sampling Date: 12/28/10 Sampling Time: 1335 Depth to Water: 10.41

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

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

FB 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 #: 101228-DR2	Site: 2120 Montana St. Oakland Ca.
Sampler: DR	Date: 12/28/10
Well I.D.: MW-2	Well Diameter: (2) 3 4 6 8 ____
Total Well Depth (TD): 19.80	Depth to Water (DTW): 10.84
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]: 12.63	

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:

1.4 (Gals.) X 3 = 4.2 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	radius^2 * 0.163

Time	Temp (°F)	pH	Cond. (mS or (µS))	Turbidity (NTUs)	Gals. Removed	Observations
1113	63.7	7.32	[illegible]	377	1.4	odor / sheen
1116	64.1	7.17	867	265	2.8	" "
1118	64.2	7.15	861	291	4.2	

Did well dewater? Yes (No) Gallons actually evacuated: 4.2

Sampling Date: 12/28/10 Sampling Time: 1125 Depth to Water: 12.89 Traffic

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

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

MS/MSD I.D. (if applicable): @ Time Duplicate I.D. (if applicable):

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

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

SHELL WELL MONITORING DATA SHEET

BTS #: 101228-DR2	Site: 2120 Montana St. Oakland Ca.
Sampler: DR	Date: 12/28/10
Well I.D.: MW-3	Well Diameter: (2) 3 4 6 8 ____
Total Well Depth (TD): 19.92	Depth to Water (DTW): 10.80
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]: 12.82	

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

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

1.5 (Gals.) X	3	=	4.5 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
1136	65.7	7.44	616	309	1.5	
1138	66.5	7.26	591	71000	3.0	
1140	66.7	7.25	587	71000	4.5	

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

Sampling Date: 12/28/10 Sampling Time: 1155 Depth to Water: 12.61

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	

SHEET WELL MONITORING DATA SHEET

BTS #: 101228-DR2	Site: 2120 Montana St. Oakland Ca.
Sampler: DR	Date: 12/28/10
Well I.D.: MW-4	Well Diameter: 2 3 (4) 6 8 ____
Total Well Depth (TD): 19.73	Depth to Water (DTW): 12.38
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]: 13.85	

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:_____

4.8 (Gals.) X	3	=	14.4 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
1223	64.6	7.38	733	22	4.8	odor
* well dewatered @	5.2 gal.		DTW= 17.02			
1355	65.4	7.42	721	18	—	11

Did well dewater? (Yes) No Gallons actually evacuated: 5.2

Sampling Date: 12/28/10 Sampling Time: 1355 Depth to Water: 13.61

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

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

FB 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 , WELL MONITORING DAT SHEET

BTS #: 101228-DR2	Site: 2120 Montana St. Oakland Ca.
Sampler: DR	Date: 12/28/10
Well I.D.: MW-5	Well Diameter: (2) 3 4 6 8 ____
Total Well Depth (TD): 19.44	Depth to Water (DTW): 11.11
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]: 12.78	

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:

1.3 (Gals.) X 3 = 3.9 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
1050	62.6	7.65	706	399	1.3	odor
1053	63.0	7.31	699	>1000	2.6	"
1055	63.1	7.30	697	>1000	3.9	"

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

Sampling Date: 12/28/10 Sampling Time: 1100 Depth to Water: 11.79 Traffic

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

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

FB 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 #: 101228-DR2	Site: 2120 Montana St. Oakland Ca.
Sampler: DR	Date: 12/28/10
Well I.D.: TBW-N	Well Diameter: 2 3 (4) 6 8 ___
Total Well Depth (TD): 12.46	Depth to Water (DTW): 9.06
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]: 9.74	

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: ___

2.2 (Gals.) X 3 = 6.6 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
1159	61.7	7.16	972	101	2.2	
1200	64.2	7.14	1076	62	4.4	
1201	64.4	7.12	1083	15	6.6	

Did well dewater? Yes (No) Gallons actually evacuated: 6.6

Sampling Date: 12/28/10 Sampling Time: 1205 Depth to Water: 9.11

Sample I.D.: TBW-N Laboratory: (CalScience) Columbia Other ___

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

FB 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

* collected MS/MSD

SHE[illegible] WELL MONITORING DAT[illegible] SHEET

BTS #: 101228-DR2	Site: 2120 Montana St. Oakland Ca.
Sampler: DR	Date: 12/28/10
Well I.D.: EW-1	Well Diameter: 2 3 (4) 6 8 ____
Total Well Depth (TD): 25.71	Depth to Water (DTW): 10.65
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]: 13.66	

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: ____

9.8 (Gals.) X	3	=	29.4 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
1304	66.5	7.34	881	78	9.8	strong odor
1306	67.7	7.21	876	41	19.6	"
1308	67.8	7.18	871	30	29.4	"

Did well dewater? Yes (No) Gallons actually evacuated: 29.4

Sampling Date: 12/28/10 Sampling Time: 1315 Depth to Water: 13.29

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

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

MB 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 #: 101228-DR2	Site: 2120 Montana St. Oakland Ca.
Sampler: DR	Date: 12/28/10
Well I.D.: BW-2	Well Diameter: 2 3 (4) 6 8 ____
Total Well Depth (TD): 26.31	Depth to Water (DTW): 9.57
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]: 12.92	

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: ____

10.9 (Gals.) X 3 = 32.7 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
1243	66.0	7.52	766	71	10.9	clear
1245	66.5	7.41	763	27	21.8	"
1247	66.7	7.40	760	21	32.7	

Did well dewater? Yes (No) Gallons actually evacuated: 32.7

Sampling Date: 12/28/10 Sampling Time: 1255 Depth to Water: 12.02

Sample I.D.: EW-2 Laboratory: (CalScience) Columbia Other ____

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

MS 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 2120 Montana St. Oakland Ca. Date 12/28/10

Job Number 101228-DR2 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	Vault. No tag.
mw-2	X	X							
mw-3	X	X	X						
mw-4	X	X	X						
mw-5	X	X							
EW-N	DR						X	X	Vault. No tag. 1 of 4 bolts won't thread in.
EW-1	X								Vault.
EW-2	X								Vault.

ell 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 ONITORING WELL" (12"or less) 3) WELL TAG IS PRESENT, SECURE, AND CORRECT

otes:

SHELL WELLHEAD REPAIR FORM
(FOR REPAIR TECHNICIAN)

Site Address: 2120 Montana St. Oakland   Date: 6/30/10

Job Number: 100630-BW1   Technician: BW/BP   Page: 1 of 1

Inspection Point (Well ID or description of location)	Well Inspected, Cleaned, Labeled - No Further Corrective Action Required	Replaced Cap	Replaced Lock	Replaced Lid Seal	Casing	Annular Seal	Tabs / Bolts	Box Structure	Apron	Trip Hazard	Below Grade	Not Securable by Design (12" diameter or less)	Lid not marked with words "MONITORING WELL"	Other Deficiency	Not Securable by Design (greater than 12" diameter)	Well Not Inspected (explain in notes)	All Repairs Completed	Remaining Deficiencies Logged onto *BLAINE Repair Order*	Remaining Deficiencies Logged onto *Notice of Deficient Condition* - BLAINE Unable to Repair
						Check Indicates deficiency													
MW-2						/	X	X									X		
	Notes: Replaced Wellbox w/ 8" Morrison																		
	Well box type / size: 8" Morrison											Materials used: 1 Box Kit, 4 bags							
MW-3							X	X									X		
	Notes: Replaced Wellbox W/ 12" Emco																		
	Well box type / size: 12" Emco											Materials used: 1 Box Kit, 5 bags							
	Notes:																		
	Well box type / size:											Materials used:							
	Notes:																		
	Well box type / size:											Materials used:							
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