CONESTOGA-ROVERS & ASSOCIATES

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

TRANSMITTAL

DATE: May 13, 2010

REFERENCE NO.: 240594

PROJECT NAME: 610 Market Street, Oakland

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

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Environmental Health

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QUANTITY	DESCRIPTION
1	Groundwater Monitoring Report – First Quarter 2010

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

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

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

Completed by: Peter Schaefer Signed: Peter Schaefer

Filing: **Correspondence File**

GROUNDWATER MONITORING REPORT – FIRST QUARTER 2010

SHELL-BRANDED SERVICE STATION
610 MARKET STREET
OAKLAND, CALIFORNIA

SAP CODE	135692
INCIDENT NO.	98995750
AGENCY NO.	RO0000493

Prepared by:
Conestoga-Rovers & Associates

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Emeryville, California
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MAY 13, 2010
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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	610 Market Street, Oakland
Site Use	Shell-branded Service Station
Shell Project Manager	Denis Brown
CRA Project Manager	Peter Schaefer
Lead Agency and Contact	ACEH, Jerry Wickham
Agency Case No.	RO0000493
Shell SAP Code	135692
Shell Incident No.	98995750

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

2.0 SITE ACTIVITIES, FINDINGS, AND DISCUSSION

2.1 CURRENT QUARTER'S ACTIVITIES

Blaine Tech Services, Inc. (Blaine) gauged and sampled the wells according to the 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.

On April 15, 2010, Baseline Environmental Consulting, on behalf of the current owners of the former Francis Plating facility located at 751-785 Brush Street, sampled Shell wells MW-3 and MW-9.

2.2 CURRENT QUARTER'S FINDINGS

Groundwater Flow Direction	Variable
Hydraulic Gradient	Variable
Depth to Water	9.95 to 13.85 feet below top of well casing

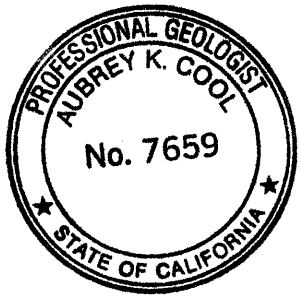
2.3 PROPOSED ACTIVITIES

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

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

Peter Schaefer, CHG, CEG

Aubrey K. Cool, PG



FIGURES

05/01/09

0 1/8 1/4 1/2 1

SCALE : 1" = 1/4 MILE

FIGURE 1

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

Shell-branded Service Station
610 Market Street
Oakland, California

CONESTOGA-ROVERS & ASSOCIATES

Vicinity Map

05/04/10

MW-1 Monitoring well
MW-2 Monitoring well formerly used for groundwater extraction
T1 Tank observation well
Electrical line (E)
Telecommunication line (T)
Gas line (G)
Storm drain line (STM)
Sanitary sewer line (SAN)
Water line (W)
Manhole
Flow direction
FL = 2.8 Flow line elevation, in feet above mean sea level (msl)
Groundwater extraction system piping

EXPLANATION

INF GWE system sampling location

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:
NA = Not analyzed
ND = Not detected
NDa = Elevated reporting limit; see laboratory report for details

MARKET STREET
6th STREET
7th STREET
INTERSTATE 880 OFF-RAMP

MW-2 8.24 ND 37 NA
MW-8 7.69 ND 1.6 14
MW-5 7.19 ND 1.3 170
MW-6 7.11 NDa NDa 25,000
MW-7 7.51 NDa NDa 25,000
MW-1 7.85 12 27 NA
MW-3 7.79 ND ND ND
MW-4 8.08 ND ND ND
MW-9 7.37 ND 1.4 NA

T1 T2 USTs
Dispensers
Kiosk
Former Dispenser Island
Car Wash
Planter
INF EFF Remediation Enclosure

8.15 7.95 7.75 7.55 7.35 7.15

FL = 10.0 FL = 8.0 FL = 5.6 FL = 3.3 FL = 8.2 FL = 6.5 FL = 12.1

SS 8"Ø SS 10"Ø STM 15"Ø

0 15 30 60
Scale (ft)

Groundwater Contour and Chemical Concentration Map

March 10, 2010

CONESTOGA-ROVERS & ASSOCIATES

Shell-branded Service Station

610 Market Sreet
Oakland, California

FIGURE
2

I:\Shell\6-chans\2405--\240594-Oakland 610 Market\240594-REPORTS\240594-RPT6-1Q10\240594 1QM10-GW.DWG

APPENDIX A

BLAINE TECH SERVICES, INC. – GROUNDWATER MONITORING REPORT

BLAINE
TECH SERVICES INC.

GROUNDWATER SAMPLING SPECIALISTS
SINCE 1985

March 26, 2010

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

First Quarter 2010 Groundwater Monitoring at
Shell-branded Service Station
610 Market Street
Oakland, CA

Monitoring performed on March 10, 2010

Groundwater Monitoring Report **100310-IW-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/np

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

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

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

Well ID	Date	TPPH (ug/L)	B (ug/L)	T (ug/L)	E (ug/L)	X (ug/L)	MTBE 8020 (ug/L)	MTBE 8260 (ug/L)	DIPE (ug/L)	ETBE (ug/L)	TAME (ug/L)	TBA (ug/L)	TOC (MSL)	Depth to Water (ft.)	GW Elevation (MSL)
MW-1	12/17/1998	2200	20	<10	110	420	<50	NA	NA	NA	NA	NA	21.70	13.71	7.99
MW-1	03/09/1999	4320	25.8	<10.0	338	474	<100	NA	NA	NA	NA	NA	21.70	13.03	8.67
MW-1	06/16/1999	6150	107	84.0	615	1050	<250	NA	NA	NA	NA	NA	21.70	13.82	7.88
MW-1	09/29/1999	3440	97.3	58.7	433	578	89.1	NA	NA	NA	NA	NA	21.70	14.45	7.25
MW-1	12/22/1999	1370	34.5	4.38	196	49	29.3	NA	NA	NA	NA	NA	21.70	15.39	6.31
MW-1	03/21/2000	2550	10.3	3.36	164	312	65.6	NA	NA	NA	NA	NA	21.70	11.94	9.76
MW-1	06/20/2000	4770	64.3	18.6	387	732	51.3	NA	NA	NA	NA	NA	21.70	13.15	8.55
MW-1	09/21/2000	7490	350	229	690	1490	160	NA	NA	NA	NA	NA	21.70	13.65	8.05
MW-1	11/30/2000	5410	420	168	494	1170	167	NA	NA	NA	NA	NA	21.70	14.20	7.50
MW-1	03/06/2001	965	25.7	9.14	13.3	9	<25.0	NA	NA	NA	NA	NA	21.70	12.99	8.71
MW-1	06/28/2001	5900	190	71	360	910	NA	110	NA	NA	NA	NA	21.70	13.98	7.72
MW-1	09/12/2001	7400	240	110	460	1300	NA	130	NA	NA	NA	NA	21.70	14.15	7.55
MW-1	12/12/2001	1700	100	30	120	300	NA	98	NA	NA	NA	NA	21.70	13.75	7.95
MW-1	03/08/2002	1100	63	12	74	83	NA	50	NA	NA	NA	NA	21.70	13.22	8.48
MW-1	06/06/2002	2300	95	31	130	290	NA	49	NA	NA	NA	NA	21.70	13.57	8.13
MW-1	09/09/2002	3600	150	44	200	590	NA	54	NA	NA	NA	NA	21.70	14.05	7.65
MW-1	12/12/2002	2200	130	14	120	310	NA	46	NA	NA	NA	NA	21.70	14.20	7.50
MW-1	02/26/2003	580	30	2.9	25	48	NA	27	NA	NA	NA	NA	21.70	13.57	8.13
MW-1	04/15/2003	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	21.70	13.67	8.03
MW-1	06/13/2003	440	18	6.1	33	88	NA	24	NA	NA	NA	NA	21.70	13.85	7.85
MW-1	09/26/2003	54	3.8	0.51	4.7	7.5	NA	11	NA	NA	NA	NA	21.70	14.63	7.07
MW-1	11/24/2003	120	5.6	0.87	8.4	20	NA	17	NA	NA	NA	NA	21.70	14.86	6.84
MW-1	03/01/2004	350	20	3.8	38	100	NA	18	NA	NA	NA	NA	21.70	12.85	8.85
MW-1	06/15/2004	100	1.8	<0.50	2.6	6.1	NA	15	NA	NA	NA	NA	21.70	14.27	7.43
MW-1	09/16/2004	200	20	0.75	7.8	16	NA	27	<2.0	<2.0	<2.0	<5.0	21.70	14.60	7.10
MW-1	12/29/2004	67	1.8	<0.50	1.8	3.5	NA	15	NA	NA	NA	NA	21.70	14.27	7.43
MW-1	02/28/2005	60	1.8	<0.50	1.9	3.6	NA	22	NA	NA	NA	NA	21.70	12.45	9.25
MW-1	03/23/2005	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	21.70	12.50	9.20
MW-1	05/18/2005	92	5.3	<0.50	5.4	12	NA	9.7	NA	NA	NA	NA	21.70	12.22	9.48

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	08/16/2005	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	21.70	13.51	8.19
MW-1	09/15/2005	210	16	<0.50	4.3	19	NA	19	<2.0	<2.0	<2.0	320	21.70	14.00	7.70
MW-1	10/26/2005	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	21.70	14.30	7.40
MW-1	12/13/2005	<50.0	7.55	2.14	2.39	2.73	NA	18.6	NA	NA	NA	NA	21.70	14.27	7.43
MW-1	03/08/2006	<50.0	1.95	<0.500	1.29	2.42	NA	13.6	NA	NA	NA	NA	21.70	12.10	9.60
MW-1	06/27/2006	180	22	1.9	8.0	25	NA	34	NA	NA	NA	NA	21.70	12.70	9.00
MW-1	09/25/2006	160	16	<0.50	2.1	11	NA	23	<1.0	<1.0	<1.0	<10	21.70	14.07	7.63
MW-1	12/21/2006	120	3.2	<0.50	<0.50	<1.0	NA	27	NA	NA	NA	NA	21.70	14.27	7.43
MW-1	03/20/2007	<50	1.8	<0.50	<0.50	<1.0	NA	15	NA	NA	NA	NA	21.70	13.61	8.09
MW-1	06/18/2007	98	7.5	0.27 p	0.52 p	1.4	NA	19	NA	NA	NA	NA	21.70	14.42	7.28
MW-1	08/30/2007	94 r	6.6	<1.0	<1.0	0.82 p	NA	19	<2.0	<2.0	<2.0	<10	21.70	14.84	6.86
MW-1	12/28/2007	67 r	4.8	<1.0	<1.0	<1.0	NA	23	NA	NA	NA	NA	21.70	15.01	6.69
MW-1	03/26/2008	<50	3.7	<1.0	<1.0	<1.0	NA	12	NA	NA	NA	NA	21.70	14.16	7.54
MW-1	05/29/2008	310	20	1.3	13	39	NA	22	NA	NA	NA	NA	21.70	14.76	6.94
MW-1	09/25/2008	66	3.8	<1.0	<1.0	<1.0	NA	14	<2.0	<2.0	<2.0	<10	21.70	15.31	6.39
MW-1	12/16/2008	<50	2.6	<1.0	<1.0	<1.0	NA	17	NA	NA	NA	NA	21.70	14.30	7.40
MW-1	02/26/2009	79	5.9	<1.0	<1.0	<1.0	NA	20	NA	NA	NA	NA	21.70	14.51	7.19
MW-1	05/26/2009	160	15	<1.0	6.2	15	NA	28	NA	NA	NA	NA	21.70	14.74	6.96
MW-1	09/02/2009	220	28	<1.0	<1.0	22	NA	28	<2.0	<2.0	<2.0	<10	21.70	15.61	6.09
MW-1	**03/10/2010**	**99**	**12**	**<1.0**	**<1.0**	**<1.0**	**NA**	**27**	**NA**	**NA**	**NA**	**NA**	**21.70**	**13.85**	**7.85**
MW-2	12/17/1998	<5000	<50	<50	<50	<50	11000	NA	NA	NA	NA	NA	19.61	12.07	7.54
MW-2	03/09/1999	<250	5.20	<2.50	<2.50	<2.50	9870	NA	NA	NA	NA	NA	19.61	11.46	8.15
MW-2	06/16/1999	<50.0	0.569	<0.500	<0.500	<0.500	3440	NA	NA	NA	NA	NA	19.61	12.26	7.35
MW-2	09/29/1999	58.6	2.51	0.978	<0.500	<0.500	3930	NA	NA	NA	NA	NA	19.61	12.51	7.10
MW-2	12/22/1999	<2000	50.4	<20.0	<20.0	<20.0	15000	NA	NA	NA	NA	NA	19.61	13.40	6.21
MW-2	03/21/2000	<5000	94.7	<50.0	<50.0	<50.0	13900	NA	NA	NA	NA	NA	19.61	10.36	9.25
MW-2	06/20/2000	101	5.95	<0.500	<0.500	0.552	7670	NA	NA	NA	NA	NA	19.61	11.12	8.49
MW-2	09/21/2000	<2000	<20.0	<20.0	<20.0	<20.0	4460	NA	NA	NA	NA	NA	19.61	11.95	7.66

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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	11/30/2000	81.1	4.46	0.924	0.841	3.23	3450	NA	NA	NA	NA	NA	19.61	12.48	7.13
MW-2	03/06/2001	<500	183	<5.00	<5.00	<5.00	14000	NA	NA	NA	NA	NA	19.61	11.10	8.51
MW-2	06/28/2001	<1000	<10	<10	<10	<10	NA	4200	NA	NA	NA	NA	19.61	12.40	7.21
MW-2	09/12/2001	<2000	120	<20	<20	<20	NA	17000	NA	NA	NA	NA	19.61	12.45	7.16
MW-2	12/12/2001	<1000	<10	<10	<10	<10	NA	3000	NA	NA	NA	NA	19.61	12.14	7.47
MW-2	03/08/2002	<250	<2.5	<2.5	<2.5	<2.5	NA	1100	NA	NA	NA	NA	19.61	11.68	7.93
MW-2	06/06/2002	<500	<5.0	<5.0	<5.0	<5.0	NA	2000	NA	NA	NA	NA	19.61	11.95	7.66
MW-2	09/09/2002	<200	<2.0	<2.0	<2.0	<2.0	NA	740	NA	NA	NA	NA	19.62	12.38	7.24
MW-2	12/12/2002	<200	<2.0	<2.0	<2.0	<2.0	NA	1000	NA	NA	NA	NA	19.62	12.40	7.22
MW-2	02/26/2003	<500	<5.0	<5.0	<5.0	<5.0	NA	1600	NA	NA	NA	NA	19.62	12.69	6.93
MW-2	04/15/2003	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	19.62	12.81	6.81
MW-2	06/13/2003	<500	<5.0	<5.0	<5.0	<10	NA	790	NA	NA	NA	NA	19.62	12.65	6.97
MW-2	09/26/2003	<250	<2.5	<2.5	<2.5	<5.0	NA	250	NA	NA	NA	NA	18.20	12.95	5.25
MW-2	11/24/2003	<50	<0.50	<0.50	<0.50	<1.0	NA	87	NA	NA	NA	NA	18.20	12.89	5.31
MW-2	03/01/2004	<50	<0.50	<0.50	<0.50	<1.0	NA	35	NA	NA	NA	NA	18.20	10.08	8.12
MW-2	06/15/2004	66 b	<0.50	<0.50	<0.50	<1.0	NA	110	NA	NA	NA	NA	18.20	12.85	5.35
MW-2	09/16/2004	<50	<0.50	<0.50	<0.50	<1.0	NA	26	<2.0	<2.0	<2.0	<5.0	18.20	12.00	6.20
MW-2	12/29/2004	<50	<0.50	0.73	<0.50	<1.0	NA	43	NA	NA	NA	NA	18.20	11.60	6.60
MW-2	02/28/2005	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	18.20	9.71	8.49
MW-2	03/23/2005	340 f	3.9	<2.0	<2.0	<4.0	NA	370	NA	NA	NA	NA	18.20	10.10	8.10
MW-2	05/18/2005	<100	4.6	<1.0	<1.0	3.3	NA	160	NA	NA	NA	NA	18.20	10.21	7.99
MW-2	08/16/2005	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	18.20	10.53	7.67
MW-2	09/15/2005	<50	<0.50	<0.50	<0.50	<1.0	NA	11	<2.0	<2.0	<2.0	520	18.20	11.98	6.22
MW-2	10/26/2005	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	18.20	11.38	6.82
MW-2	12/13/2005	<50.0	<0.500	1.66	<0.500	<0.500	NA	2.11	NA	NA	NA	NA	18.20	10.71	7.49
MW-2	03/08/2006	<50.0	<0.500	<0.500	<0.500	<0.500	NA	<0.500	NA	NA	NA	NA	18.20	9.50	8.70
MW-2	06/27/2006	<100 m	<1.0 m	<1.0 m	<1.0 m	<1.0 m	NA	9.1 m	NA	NA	NA	NA	18.20	9.73	8.47
MW-2	09/25/2006	83 n	<2.5	<2.5	<2.5	<5.0	NA	<5.0	<5.0	<5.0	<5.0	4500	18.20	11.08	7.12
MW-2	12/21/2006	160	<0.50	<0.50	<0.50	<1.0	NA	1.6	NA	NA	NA	NA	18.20	11.30	6.90

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	03/20/2007	<50	0.98	<0.50	<0.50	<1.0	NA	18	NA	NA	NA	NA	18.20	10.76	7.44
MW-2	06/18/2007	86 q	<0.50	<1.0	<1.0	<1.0	NA	2.4	NA	NA	NA	NA	18.20	11.35	6.85
MW-2	08/30/2007	110 r	<0.50	<1.0	<1.0	<1.0	NA	2.2	6.3	0.30 p	<2.0	2700	18.20	11.80	6.40
MW-2	12/28/2007	<50 r	<2.5	<5.0	<5.0	<5.0	NA	2.1 p	NA	NA	NA	NA	18.20	11.69	6.51
MW-2	03/26/2008	<50	<0.50	<1.0	<1.0	<1.0	NA	<1.0	NA	NA	NA	NA	18.20	11.23	6.97
MW-2	05/29/2008	130	<0.50	<1.0	<1.0	<1.0	NA	3.0	NA	NA	NA	NA	18.20	11.83	6.37
MW-2	09/25/2008	380	<0.50	<1.0	<1.0	<1.0	NA	3.7	7.9	<2.0	<2.0	4200	18.20	13.21	4.99
MW-2	12/16/2008	220	<1.0	<2.0	<2.0	<2.0	NA	2.1	NA	NA	NA	NA	18.20	12.40	5.80
MW-2	02/26/2009	<50	<0.50	<1.0	<1.0	<1.0	NA	1.9	NA	NA	NA	NA	18.20	10.56	7.64
MW-2	05/26/2009	140	<0.50	<1.0	<1.0	<1.0	NA	2.6	NA	NA	NA	NA	18.20	11.03	7.17
MW-2	09/02/2009	270	<0.50	<1.0	<1.0	<1.0	NA	2.2	4.9	<2.0	<2.0	4600	18.20	12.01	6.19
MW-2	**03/10/2010**	**<50**	**<0.50**	**<1.0**	**<1.0**	**<1.0**	**NA**	**37**	**NA**	**NA**	**NA**	**NA**	**18.20**	**9.96**	**8.24**
MW-3	12/17/1998	30000	890	110	2100	4300	42000	43000	NA	NA	NA	NA	19.05	11.65	7.40
MW-3	03/09/1999	22700	536	<200	1030	1510	35400	38500	NA	NA	NA	NA	19.05	11.03	8.02
MW-3	06/16/1999	19300	625	129	805	1210	42400	51600	NA	NA	NA	NA	19.05	11.89	7.16
MW-3	09/29/1999	20200	727	155	1000	1180	84100	136000 a	NA	NA	NA	NA	19.05	12.35	6.70
MW-3	12/22/1999	44500	767	64.4	1810	2090	191000	186000 a	NA	NA	NA	NA	19.05	13.45	5.60
MW-3	03/21/2000	<25000	466	<250	727	2280	126000	155000	NA	NA	NA	NA	19.05	10.00	9.05
MW-3	06/20/2000	16200	1140	98.8	1140	1410	579000	376000 a	NA	NA	NA	NA	19.05	11.15	7.90
MW-3	09/21/2000	<50000	712	<500	520	795	293000	298000	NA	NA	NA	NA	19.05	11.58	7.47
MW-3	11/30/2000	18000	1050	124	1120	2010	543000 a	403000 a	NA	NA	NA	NA	19.05	12.10	6.95
MW-3	03/06/2001	19900	1290	115	1450	1760	706000	149000	NA	NA	NA	NA	19.05	11.00	8.05
MW-3	06/28/2001	<50000	1200	<250	1100	1300	NA	610000	NA	NA	NA	NA	19.05	11.96	7.09
MW-3	09/12/2001	<20000	430	<200	230	480	NA	390000	NA	NA	NA	NA	19.05	12.05	7.00
MW-3	10/23/2001	11000	350	<100	210	440	NA	290000	NA	NA	NA	NA	19.05	12.62	6.43
MW-3	12/12/2001	<20000	280	<200	<200	<200	NA	160000	NA	NA	NA	NA	19.05	11.83	7.22
MW-3	03/08/2002	<20000	270	<200	<200	<200	NA	340000	NA	NA	NA	NA	19.05	11.26	7.79
MW-3	06/06/2002	<50000	290	<250	<250	<250	NA	290000	NA	NA	NA	NA	19.05	11.50	7.55

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MW-3	09/09/2002	<20000	<200	<200	<200	<200	NA	230000	NA	NA	NA	NA	19.06	11.92	7.14
MW-3	12/12/2002	<50000	<200	<200	<200	<500	NA	190000	NA	NA	NA	NA	19.06	10.95	8.11
MW-3	02/26/2003	<25000	<250	<250	<250	<250	NA	210000	NA	NA	NA	NA	19.06	15.01	4.05
MW-3	04/15/2003	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	19.06	15.12	3.94
MW-3	06/13/2003	<25000	<250	<250	<250	<500	NA	27000	NA	NA	NA	NA	19.06	15.25	3.81
MW-3	09/26/2003	<10000	<100	<100	<100	<200	NA	15000	NA	NA	NA	NA	18.08	16.65 c	NA
MW-3	11/24/2003	<10000	<100	<100	<100	<200	NA	9900	NA	NA	NA	NA	18.08	15.13	2.95
MW-3	03/01/2004	<10000	<100	<100	<100	<200	NA	8000	NA	NA	NA	NA	18.08	9.97	8.11
MW-3	06/15/2004	<10000	<100	<100	<100	<200	NA	6900	NA	NA	NA	NA	18.08	15.05	3.03
MW-3	09/16/2004	<500	<5.0	<5.0	<5.0	<10	NA	1000	<20	<20	<20	75	18.08	14.70	3.38
MW-3	12/29/2004	<250	2.8	<2.5	<2.5	<5.0	NA	580	NA	NA	NA	NA	18.08	14.83	3.25
MW-3	02/28/2005	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	18.08	9.60	8.48
MW-3	03/23/2005	<1000	<10	<10	<10	<20	NA	1500	NA	NA	NA	NA	18.08	12.68	5.40
MW-3	05/18/2005	1200	49	<10	47	<20	NA	3400	NA	NA	NA	NA	18.08	10.60	7.48
MW-3	08/16/2005	NA	NA	NA	NA	NA	NA	330	NA	NA	NA	NA	18.08	15.22	2.86
MW-3	09/15/2005	<1000	<10	<10	<10	<20	NA	140	<40	<40	<40	180	18.08	15.30	2.78
MW-3	10/26/2005	NA	NA	NA	NA	NA	NA	48	NA	NA	NA	NA	18.08	15.00	3.08
MW-3	12/13/2005	482	4.56	1.64 h	<0.500	<0.500	NA	72.5	NA	NA	NA	273	18.08	11.18	6.90
MW-3	03/08/2006	627	2.62	<0.500	1.71	1.25	NA	175	NA	NA	NA	483	18.08	14.95	3.13
MW-3	06/27/2006	530	8.3	<2.5	9.5	3.5	NA	100	NA	NA	NA	NA	18.08	14.63	3.45
MW-3	09/25/2006	520	12	<2.5	6.5	<5.0	NA	110	<5.0	<5.0	<5.0	2900	18.08	11.23	6.85
MW-3	12/21/2006	120	2.2	<0.50	<0.50	<1.0	NA	1.7	NA	NA	NA	120	18.08	11.22	6.86
MW-3	03/20/2007	150	0.96	1.2	<0.50	<1.0	NA	19	NA	NA	NA	300	18.08	11.35	6.73
MW-3	06/18/2007	180	2.2	<1.0	<1.0	<1.0	NA	14	NA	NA	NA	780	18.08	11.22	6.86
MW-3	08/30/2007	200 r	3.5	<1.0	<1.0	0.29 p	NA	29	<2.0	<2.0	<2.0	1500	18.08	13.59	4.49
MW-3	12/28/2007	140 r	2.7	0.34 p	<1.0	<1.0	NA	<1.0	NA	NA	NA	98	18.08	11.79	6.29
MW-3	03/26/2008	120	1.3	1.6	<1.0	<1.0	NA	3.4	NA	NA	NA	150	18.08	11.05	7.03
MW-3	05/29/2008	130	2.4	<1.0	<1.0	<1.0	NA	6.0	NA	NA	NA	250	18.08	11.69	6.39
MW-3	09/25/2008	410	9.3	<1.0	<1.0	<1.0	NA	13	<2.0	<2.0	<2.0	1200	18.08	12.00	6.08

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MW-3	12/16/2008	410	14	<1.0	<1.0	<1.0	NA	5.5	NA	NA	NA	560	18.08	11.71	6.37
MW-3	02/26/2009	640	3.1	<1.0	<1.0	<1.0	NA	1.3	NA	NA	NA	10	18.08	10.71	7.37
MW-3	05/26/2009	250	1.8	<1.0	<1.0	<1.0	NA	2.2	NA	NA	NA	59	18.08	11.53	6.55
MW-3	09/02/2009	260	5.3	<1.0	<1.0	<1.0	NA	7.0	<2.0	<2.0	<2.0	350	18.08	12.34	5.74
MW-3	**03/10/2010**	**89**	**<0.50**	**<1.0**	**<1.0**	**1.0**	**NA**	**<1.0**	**NA**	**NA**	**NA**	**<10**	**18.08**	**10.29**	**7.79**
MW-4	05/13/2002	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	10.64	NA
MW-4	05/20/2002	<1000	<10	<10	<10	<10	NA	4600	NA	NA	NA	NA	NA	10.64	NA
MW-4	06/06/2002	<1000	<10	<10	<10	<10	NA	4800	NA	NA	NA	NA	NA	10.61	NA
MW-4	09/09/2002	Unable to sample		NA	NA	NA	NA	NA	NA	NA	NA	NA	18.03	11.07	6.96
MW-4	09/18/2002	<250	<2.5	<2.5	<2.5	<2.5	NA	1000	NA	NA	NA	NA	18.03	11.15	6.88
MW-4	12/12/2002	<100	<1.0	<1.0	<1.0	<1.0	NA	370	NA	NA	NA	NA	18.03	11.13	6.90
MW-4	02/26/2003	<50	<0.50	<0.50	<0.50	<0.50	NA	<5.0	NA	NA	NA	NA	18.03	10.61	7.42
MW-4	04/15/2003	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	18.03	10.73	7.30
MW-4	06/13/2003	180 b	<0.50	110	<0.50	<1.0	NA	2.3	NA	NA	NA	NA	18.03	10.88	7.15
MW-4	09/26/2003	<5000	<50	<50	<50	<100	NA	13000	NA	NA	NA	NA	18.03	11.58	6.45
MW-4	11/24/2003	<13000	<130	<130	<130	<250	NA	11000	NA	NA	NA	NA	18.03	11.78	6.25
MW-4	03/01/2004	<50	<0.50	<0.50	<0.50	<1.0	NA	<0.50	NA	NA	NA	NA	18.03	9.47	8.56
MW-4	06/15/2004	<500	<5.0	<5.0	<5.0	<10	NA	630	NA	NA	NA	NA	18.03	11.38	6.65
MW-4	09/16/2004	<100	<1.0	12	<1.0	<2.0	NA	280	<4.0	<4.0	<4.0	280	18.03	11.80	6.23
MW-4	12/29/2004	<50	<0.50	<0.50	<0.50	<1.0	NA	<0.50	NA	NA	NA	NA	18.03	10.63	7.40
MW-4	02/28/2005	<50	<0.50	<0.50	<0.50	<1.0	NA	<0.50	NA	NA	NA	NA	18.03	9.20	8.83
MW-4	03/23/2005	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	18.03	9.43	8.60
MW-4	05/18/2005	1900	<5.0	<5.0	16	97	NA	910	NA	NA	NA	NA	18.03	9.75	8.28
MW-4	08/16/2005	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	18.03	10.85	7.18
MW-4	09/15/2005	<2500	<25	<25	<25	85	NA	5100	<100	<100	<100	400	18.03	11.30	6.73
MW-4	10/26/2005	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	18.03	11.45	6.58
MW-4	12/13/2005	3480	<0.500	1.54 h	<0.500	<0.500	NA	2490 j	NA	NA	NA	201	18.03	11.70	6.33
MW-4	03/08/2006	1560	<0.500	0.910	<0.500	3.39	NA	0.870	NA	NA	NA	<10.0	18.03	9.25	8.78

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MW-4	06/27/2006	75	<0.50	18	<0.50	<0.50	NA	63	NA	NA	NA	<20	18.03	10.12	7.91
MW-4	09/25/2006	670 n	<10	<10	<10	<20	NA	1400	<20	<20	<20	430	18.03	11.23	6.80
MW-4	12/21/2006	<50	<0.50	<0.50	<0.50	<1.0	NA	2.0	NA	NA	NA	6.8	18.03	10.37	7.66
MW-4	03/20/2007	<50	<0.50	<0.50	<0.50	<1.0	NA	<1.0	NA	NA	NA	<10	18.03	9.84	8.19
MW-4	06/18/2007	<50	<0.50	<1.0	<1.0	<1.0	NA	<1.0	NA	NA	NA	7.1 p	18.03	10.62	7.41
MW-4	08/30/2007	<50 r	<0.50	<1.0	<1.0	<1.0	NA	<1.0	<2.0	<2.0	<2.0	<10	18.03	11.93	6.10
MW-4	12/28/2007	160 r, q	<0.50	130	<1.0	<1.0	NA	<1.0	NA	NA	NA	<10	18.03	11.97	6.06
MW-4	03/26/2008	<50	<0.50	<1.0	<1.0	<1.0	NA	<1.0	NA	NA	NA	<10	18.03	11.34	6.69
MW-4	05/29/2008	<50	<0.50	<1.0	<1.0	<1.0	NA	3.4	NA	NA	NA	<10	18.03	11.87	6.16
MW-4	09/25/2008	<50	<0.50	1.3	<1.0	<1.0	NA	4.5	<2.0	<2.0	<2.0	<10	18.03	12.35	5.68
MW-4	12/16/2008	630	<0.50	360	<1.0	<1.0	NA	<1.0	NA	NA	NA	<10	18.03	12.47	5.56
MW-4	02/26/2009	<50	<0.50	<1.0	<1.0	<1.0	NA	<1.0	NA	NA	NA	<10	18.03	10.29	7.74
MW-4	05/26/2009	<50	<0.50	3.6	<1.0	<1.0	NA	<1.0	NA	NA	NA	<10	18.03	11.74	6.29
MW-4	09/02/2009	<50	<0.50	<1.0	<1.0	<1.0	NA	5.9	<2.0	<2.0	<2.0	<10	18.03	12.60	5.43
MW-4	**03/10/2010**	**<50**	**<0.50**	**1.6**	**<1.0**	**<1.0**	**NA**	**<1.0**	**NA**	**NA**	**NA**	**<10**	**18.03**	**9.95**	**8.08**
MW-5	05/13/2002	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	10.40	NA
MW-5	05/20/2002	<2500	<25	<25	<25	<25	NA	17000	NA	NA	NA	NA	NA	10.41	NA
MW-5	06/06/2002	<5000	<50	<50	<50	<50	NA	15000	NA	NA	NA	NA	NA	10.36	NA
MW-5	09/09/2002	Unable to sample		NA	NA	NA	NA	NA	NA	NA	NA	NA	17.78	10.82	6.96
MW-5	09/18/2002	<2500	<25	<25	<25	<25	NA	16000	NA	NA	NA	NA	17.78	10.81	6.97
MW-5	12/12/2002	<2500	<25	<25	<25	<25	NA	13000	NA	NA	NA	NA	17.78	10.83	6.95
MW-5	02/26/2003	<2000	<20	<20	<20	<20	NA	7500	NA	NA	NA	NA	17.78	10.57	7.21
MW-5	04/15/2003	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	17.78	10.69	7.09
MW-5	06/13/2003	<2500	<25	<25	<25	<50	NA	4400	NA	NA	NA	NA	17.78	10.82	6.96
MW-5	09/26/2003	<2500	<25	<25	<25	<50	NA	4700	NA	NA	NA	NA	17.78	11.49	6.29
MW-5	11/24/2003	<10000	<100	<100	<100	<200	NA	7100	NA	NA	NA	NA	17.78	11.70	6.08
MW-5	03/01/2004	<2000	<20	<20	<20	<40	NA	2800	NA	NA	NA	NA	17.78	9.68	8.10
MW-5	06/15/2004	<2000	<20	<20	<20	<40	NA	2100	NA	NA	NA	NA	17.78	11.28	6.50

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MW-5	09/16/2004	<2000	<20	<20	<20	<40	NA	2200	<80	<80	<80	2800	17.78	11.62	6.16
MW-5	12/29/2004	<2000	<20	<20	<20	<40	NA	3700	NA	NA	NA	NA	17.78	11.11	6.67
MW-5	02/28/2005	<200	<2.0	<2.0	<2.0	<4.0	NA	740	NA	NA	NA	NA	17.78	9.50	8.28
MW-5	03/23/2005	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	17.78	9.70	8.08
MW-5	05/18/2005	<50 g	<0.50	<0.50	<0.50	<1.0	NA	180	NA	NA	NA	NA	17.78	9.49	8.29
MW-5	06/17/2005	NA	NA	NA	NA	NA	NA	270	NA	NA	NA	NA	17.78	9.89	7.89
MW-5	07/15/2005	NA	NA	NA	NA	NA	NA	350	NA	NA	NA	NA	17.78	10.20	7.58
MW-5	08/16/2005	NA	NA	NA	NA	NA	NA	270	NA	NA	NA	NA	17.78	10.50	7.28
MW-5	09/15/2005	<250	<2.5	<2.5	<2.5	<5.0	NA	500	<10	<10	<10	670	17.78	10.96	6.82
MW-5	10/26/2005	NA	NA	NA	NA	NA	NA	260	NA	NA	NA	NA	17.78	11.22	6.56
MW-5	12/13/2005	438	<0.500	1.49 h	<0.500	<0.500	NA	167	NA	NA	NA	452	17.78	11.05	6.73
MW-5	03/08/2006	330	<0.500	<0.500	<0.500	<0.500	NA	169	NA	NA	NA	206	17.78	9.30	8.48
MW-5	06/27/2006	<50	<0.50	<0.50	<0.50	<0.50	NA	60	NA	NA	NA	75	17.78	9.83	7.95
MW-5	09/25/2006	<50	<0.50	<0.50	<0.50	<1.0	NA	22	<1.0	<1.0	<1.0	<10	17.78	10.96	6.82
MW-5	12/21/2006	<50	<0.50	<0.50	<0.50	<1.0	NA	2.4	NA	NA	NA	<5.0	17.78	11.00	6.78
MW-5	03/20/2007	<50	<0.50	<0.50	<0.50	<1.0	NA	1.7	NA	NA	NA	<10	17.78	10.51	7.27
MW-5	06/18/2007	<50	<0.50	<1.0	<1.0	<1.0	NA	2.0	NA	NA	NA	61	17.78	11.18	6.60
MW-5	08/30/2007	<50 r	<0.50	<1.0	<1.0	<1.0	NA	2.3	<2.0	<2.0	<2.0	170	17.78	11.65	6.13
MW-5	12/28/2007	<50 r	<0.50	<1.0	<1.0	<1.0	NA	3.0	NA	NA	NA	830	17.78	11.90	5.88
MW-5	03/26/2008	<50	<0.50	<1.0	<1.0	<1.0	NA	1.7	NA	NA	NA	55	17.78	11.11	6.67
MW-5	05/29/2008	65	<0.50	<1.0	<1.0	<1.0	NA	3.9	NA	NA	NA	940	17.78	11.52	6.26
MW-5	09/25/2008	64	<0.50	<1.0	<1.0	<1.0	NA	3.3	<2.0	<2.0	<2.0	560	17.78	12.00	5.78
MW-5	12/16/2008	63	<0.50	<1.0	<1.0	<1.0	NA	3.3	NA	NA	NA	850	17.78	12.30	5.48
MW-5	02/26/2009	<50	<0.50	<1.0	<1.0	<1.0	NA	2.1	NA	NA	NA	850	17.78	11.08	6.70
MW-5	05/26/2009	<50	<0.50	<1.0	<1.0	<1.0	NA	1.2	NA	NA	NA	19	17.78	11.43	6.35
MW-5	09/02/2009	<50	<0.50	<1.0	<1.0	<1.0	NA	1.6	<2.0	<2.0	<2.0	180	17.78	12.24	5.54
MW-5	**03/10/2010**	**<50**	**<0.50**	**<1.0**	**<1.0**	**<1.0**	**NA**	**1.3**	**NA**	**NA**	**NA**	**170**	**17.78**	**10.59**	**7.19**
MW-6	03/28/2003	Well inaccessible		NA	NA	NA	NA	NA	NA	NA	NA	NA	18.10	NA	NA

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MW-6	04/07/2003	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	18.10	13.80	4.30
MW-6	04/15/2003	14000	<250	<250	<250	<500	NA	41000	NA	NA	NA	NA	18.10	15.05	3.05
MW-6	06/13/2003	<10000	<100	<100	<100	<200	NA	27000	NA	NA	NA	NA	18.10	14.42	3.68
MW-6	09/26/2003	<5000	<50	<50	<50	<100	NA	11000	NA	NA	NA	NA	18.05	18.35 c	NA
MW-6	11/24/2003	<10000	<100	<100	<100	<200	NA	5000	NA	NA	NA	NA	18.05	14.68	3.37
MW-6	03/01/2004	<1000	<10	<10	<10	<20	NA	2500	NA	NA	NA	NA	18.05	9.84	8.21
MW-6	06/15/2004	<1000	<10	<10	<10	<20	NA	2800	NA	NA	NA	NA	18.05	14.82	3.23
MW-6	09/16/2004	<1000	<10	<10	<10	<20	NA	830	<40	<40	<40	610	18.05	14.20	3.85
MW-6	12/29/2004	<200	<2.0	<2.0	<2.0	<4.0	NA	530	NA	NA	NA	NA	18.05	14.78	3.27
MW-6	02/28/2005	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	18.05	9.58	8.47
MW-6	03/23/2005	290 f	<2.0	<2.0	<2.0	<4.0	NA	590	NA	NA	NA	NA	18.05	14.22	3.83
MW-6	05/18/2005	390	8.7	<0.50	0.93	9.0	NA	68	NA	NA	NA	NA	18.05	9.79	8.26
MW-6	08/16/2005	NA	NA	NA	NA	NA	NA	34	NA	NA	NA	NA	18.05	10.64	7.41
MW-6	09/15/2005	<500	<5.0	<5.0	<5.0	<10	NA	45	<20	<20	<20	21000 e	18.05	11.83	6.22
MW-6	10/26/2005	NA	NA	NA	NA	NA	NA	31	NA	NA	NA	NA	18.05	11.31	6.74
MW-6	12/13/2005	982	<0.500	1.36 h	<0.500	<0.500	NA	35.1	NA	NA	NA	11300 i	18.05	11.22	6.83
MW-6	03/08/2006	2110	<0.500	<0.500	<0.500	<0.500	NA	29.6	NA	NA	NA	21800	18.05	9.50	8.55
MW-6	06/27/2006	510	<0.50	<0.50	<0.50	<0.50	NA	94	NA	NA	NA	<20	18.05	9.84	8.21
MW-6	09/25/2006	730 n	<25	<25	<25	<50	NA	<50	<50	<50	<50	16000	18.05	11.08	6.97
MW-6	12/21/2006	890	<0.50	<0.50	<0.50	<1.0	NA	30	NA	NA	NA	33000	18.05	11.12	6.93
MW-6	03/20/2007	<1200 o	<12	<12	<12	<25	NA	30	NA	NA	NA	33000	18.05	10.66	7.39
MW-6	06/18/2007	400	<0.50	<1.0	<1.0	<1.0	NA	34	NA	NA	NA	82000	18.05	11.30	6.75
MW-6	08/30/2007	650 r	<50	<100	<100	<100	NA	38 p	<200	<200	<200	32000	18.05	11.81	6.24
MW-6	12/28/2007	170 r	<25	<50	<50	<50	NA	28 p	NA	NA	NA	36000	18.05	11.97	6.08
MW-6	03/26/2008	1300	<5.0	<10	<10	<10	NA	26	NA	NA	NA	36000	18.05	10.83	7.22
MW-6	05/29/2008	2500	<25	<50	<50	<50	NA	<50	NA	NA	NA	41000	18.05	11.80	6.25
MW-6	09/25/2008	4100	<25	<50	<50	<50	NA	<50	<100	<100	<100	44000	18.05	12.23	5.82
MW-6	12/16/2008	1900	<10	<20	<20	<20	NA	<20	NA	NA	NA	28000	18.05	12.40	5.65
MW-6	02/26/2009	1500	<10	<20	<20	<20	NA	<20	NA	NA	NA	27000	18.05	11.05	7.00

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MW-6	05/26/2009	1500	<10	<20	<20	<20	NA	<20	NA	NA	NA	29000	18.05	11.52	6.53
MW-6	09/02/2009	1800	<10	<20	<20	<20	NA	<20	<40	<40	<40	35000	18.05	12.25	5.80
MW-6	**03/10/2010**	**<1000**	**<10**	**<20**	**<20**	**<20**	**NA**	**<20**	**NA**	**NA**	**NA**	**25000**	**18.05**	**10.94**	**7.11**
MW-7	03/28/2003	Well inaccessible		NA	NA	NA	NA	NA	NA	NA	NA	NA	19.16	NA	NA
MW-7	04/07/2003	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	19.16	13.85	5.31
MW-7	04/15/2003	6000	<100	<100	<100	<200	NA	19000	NA	NA	NA	NA	19.16	13.95	5.21
MW-7	06/13/2003	<5000	<50	<50	<50	<100	NA	5700	NA	NA	NA	NA	19.16	13.92	5.24
MW-7	09/26/2003	<250	<2.5	<2.5	<2.5	<5.0	NA	110	NA	NA	NA	NA	19.13	13.85	5.28
MW-7	11/24/2003	<50	<0.50	0.59	<0.50	1.7	NA	7.6	NA	NA	NA	NA	19.13	13.99	5.14
MW-7	03/01/2004	67 b	<0.50	<0.50	<0.50	<1.0	NA	120	NA	NA	NA	NA	19.13	10.85	8.28
MW-7	06/15/2004	120 b	<0.50	<0.50	<0.50	<1.0	NA	89	NA	NA	NA	NA	19.13	13.27	5.86
MW-7	09/16/2004	<500	<5.0	<5.0	<5.0	<10	NA	130	<20	<20	<20	4700	19.13	12.83	6.30
MW-7	12/29/2004	<500	<5.0	<5.0	<5.0	<10	NA	130	NA	NA	NA	NA	19.13	11.82	7.31
MW-7	02/28/2005	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	19.13	10.59	8.54
MW-7	03/23/2005	<1000	<10	<10	<10	<20	NA	16	NA	NA	NA	NA	19.13	11.16	7.97
MW-7	05/18/2005	67 g	<0.50	<0.50	<0.50	<1.0	NA	12	NA	NA	NA	NA	19.13	10.42	8.71
MW-7	08/16/2005	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	19.13	11.52	7.61
MW-7	09/15/2005	<500	<5.0	<5.0	<5.0	<10	NA	75	<20	<20	<20	16000	19.13	11.95	7.18
MW-7	10/26/2005	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	19.13	12.23	6.90
MW-7	12/13/2005	1210	<0.500	<0.500	<0.500	<0.500	NA	19.1	NA	NA	NA	14600 i	19.13	12.15	6.98
MW-7	03/08/2006	989	<0.500	<0.500	<0.500	<0.500	NA	7.29	NA	NA	NA	14000	19.13	10.70	8.43
MW-7	06/27/2006	370	<0.50	<0.50	<0.50	<0.50	NA	16	NA	NA	NA	20000 l	19.13	10.77	8.36
MW-7	09/25/2006	840 n	<10	<10	<10	<20	NA	<20	<20	<20	<20	22000	19.13	12.04	7.09
MW-7	12/21/2006	740	<0.50	<0.50	<0.50	<1.0	NA	7.5	NA	NA	NA	27000	19.13	12.18	6.95
MW-7	03/20/2007	460 n	<50	<50	<50	<100	NA	<100	NA	NA	NA	24000	19.13	11.67	7.46
MW-7	06/18/2007	310 q	<5.0	<10	<10	<10	NA	2.7 p	NA	NA	NA	32000	19.13	12.31	6.82
MW-7	08/30/2007	560 r	<25	<50	<50	<50	NA	<50	<100	<100	<100	28000	19.13	12.76	6.37
MW-7	12/28/2007	74 r	<25	<50	<50	<50	NA	<50	NA	NA	NA	26000	19.13	12.85	6.28

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MW-7	03/26/2008	1400	<5.0	<10	<10	<10	NA	<10	NA	NA	NA	32000	19.13	12.04	7.09
MW-7	05/29/2008	3000	<25	<50	<50	<50	NA	<50	NA	NA	NA	44000	19.13	12.80	6.33
MW-7	09/25/2008	3600	<25	<50	<50	<50	NA	<50	<100	<100	<100	36000	19.13	13.14	5.99
MW-7	12/16/2008	1700	<10	<20	<20	<20	NA	<20	NA	NA	NA	29000	19.13	13.34	5.79
MW-7	02/26/2009	1300	<10	<20	<20	<20	NA	<20	NA	NA	NA	19000	19.13	12.16	6.97
MW-7	05/26/2009	1600	<10	<20	<20	<20	NA	<20	NA	NA	NA	32000	19.13	12.56	6.57
MW-7	09/02/2009	1800	<10	<20	<20	<20	NA	<20	<40	<40	<40	33000	19.13	13.44	5.69
MW-7	**03/10/2010**	**<1000**	**<10**	**<20**	**<20**	**<20**	**NA**	**<20**	**NA**	**NA**	**NA**	**25000**	**19.13**	**11.62**	**7.51**
MW-8	03/28/2003	Well inaccessible		NA	NA	NA	NA	NA	NA	NA	NA	NA	18.72	NA	NA
MW-8	04/07/2003	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	18.72	14.13	4.59
MW-8	04/15/2003	890	29	22	15	71	NA	430	NA	NA	NA	NA	18.72	14.10	4.62
MW-8	06/13/2003	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	18.72	13.94	4.78
MW-8	09/26/2003	<250	55	51	33	140	NA	330	NA	NA	NA	NA	18.71	14.21	4.50
MW-8	11/24/2003	<5000	<50	<50	<50	<100	NA	5600	NA	NA	NA	NA	18.71	14.16	4.55
MW-8	03/01/2004	<50	<0.50	<0.50	<0.50	<1.0	NA	12	NA	NA	NA	NA	18.71	10.34	8.37
MW-8	06/15/2004	2800	170	240	140	560	NA	440	NA	NA	NA	NA	18.71	13.88	4.83
MW-8	09/16/2004	2500	180	200	120	490	NA	480	<10	<10	<10	260	18.71	13.92	4.79
MW-8	12/29/2004	4400	360	600	280	1400	NA	690	NA	NA	NA	NA	18.71	13.44	5.27
MW-8	02/28/2005	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	18.71	10.15	8.56
MW-8	03/23/2005	2800	120	190	110	420	NA	300	NA	NA	NA	NA	18.71	13.79	4.92
MW-8	05/18/2005	250	34	3.4	6.6	27	NA	110	NA	NA	NA	NA	18.71	10.85	7.86
MW-8	08/16/2005	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	18.71	10.95	7.76
MW-8	09/15/2005	460 f	54	21	24	92	NA	250	<4.0	<4.0	<4.0	130	18.71	11.38	7.33
MW-8	10/26/2005	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	18.71	11.75	6.96
MW-8	12/13/2005	1180	49.6	4.89 h	15.2	76.0	NA	320 j	NA	NA	NA	1870	18.71	11.80	6.91
MW-8	03/08/2006	1040	48.0	1.82	5.07	19.9	NA	271	NA	NA	NA	190	18.71	10.50	8.21
MW-8	06/27/2006	730	80	<2.5	8.6	28	NA	360	NA	NA	NA	500 k	18.71	10.00	8.71
MW-8	09/25/2006	830	120	4.1	3.0	15	NA	260	3.7	<2.5	<2.5	420	18.71	11.42	7.29

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MW-8	12/21/2006	1200	140	3.8	2.3	12	NA	190	NA	NA	NA	1100	18.71	12.08	6.63
MW-8	03/20/2007	660	100	2.3	1.3	2.9	NA	280	NA	NA	NA	660	18.71	11.56	7.15
MW-8	06/18/2007	1200	270	4.9	2.0	6.21	NA	230	NA	NA	NA	1300	18.71	11.72	6.99
MW-8	08/30/2007	1100 r	160	3.8	2.3	7.64 p	NA	150	5.2	<2.0	<2.0	840	18.71	12.22	6.49
MW-8	12/28/2007	610 r	89	1.8	0.58 p	2.33 p	NA	140	NA	NA	NA	820	18.71	12.26	6.45
MW-8	03/26/2008	240	19	<1.0	<1.0	<1.0	NA	58	NA	NA	NA	390	18.71	11.45	7.26
MW-8	05/29/2008	290	25	<1.0	<1.0	<1.0	NA	99	NA	NA	NA	800	18.71	12.13	6.58
MW-8	09/25/2008	500	32	<1.0	<1.0	1.3	NA	63	2.5	<2.0	<2.0	930	18.71	15.31	3.40
MW-8	12/16/2008	550	71	1.4	<1.0	1.8	NA	46	NA	NA	NA	1400	18.71	12.92	5.79
MW-8	02/26/2009	120	0.97	<1.0	<1.0	<1.0	NA	4.9	NA	NA	NA	62	18.71	11.50	7.21
MW-8	05/26/2009	200	18	<1.0	<1.0	<1.0	NA	39	NA	NA	NA	710	18.71	11.91	6.80
MW-8	09/02/2009	480	55	1.6	<1.0	3.4	NA	48	2.6	<2.0	<2.0	1200	18.71	12.90	5.81
MW-8	**03/10/2010**	**<50**	**<0.50**	**<1.0**	**<1.0**	**<1.0**	**NA**	**1.6**	**NA**	**NA**	**NA**	**14**	**18.71**	**11.02**	**7.69**
MW-9	03/28/2003	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	18.78	11.19	7.59
MW-9	04/15/2003	420	<2.5	<2.5	<2.5	6.3	NA	37	NA	NA	NA	NA	18.78	11.24	7.54
MW-9	06/13/2003	290 b	<0.50	<0.50	<0.50	2.6	NA	34	NA	NA	NA	NA	18.78	11.39	7.39
MW-9	09/26/2003	540 b	<0.50	<0.50	<0.50	9.2	NA	21	NA	NA	NA	NA	18.78	12.12	6.66
MW-9	11/24/2003	650 d	<0.50	<0.50	<0.50	6.3	NA	14	NA	NA	NA	NA	18.78	12.30	6.48
MW-9	03/01/2004	230 d	<0.50	<0.50	<0.50	1.7	NA	7.7	NA	NA	NA	NA	18.78	10.45	8.33
MW-9	06/15/2004	280	<0.50	<0.50	<0.50	1.9	NA	8.3	NA	NA	NA	NA	18.78	11.88	6.90
MW-9	09/16/2004	260	<0.50	<0.50	<0.50	1.5	NA	3.9	<2.0	<2.0	<2.0	<5.0	18.78	12.26	6.52
MW-9	12/29/2004	220	<0.50	<0.50	<0.50	1.2	NA	3.5	NA	NA	NA	NA	18.78	11.76	7.02
MW-9	02/28/2005	140 g	<0.50	<0.50	<0.50	<1.0	NA	1.5	NA	NA	NA	NA	18.78	10.21	8.57
MW-9	03/23/2005	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	18.78	10.14	8.64
MW-9	05/18/2005	210 g	<0.50	<0.50	<0.50	<1.0	NA	2.8	NA	NA	NA	NA	18.78	10.21	8.57
MW-9	08/16/2005	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	18.78	11.25	7.53
MW-9	09/15/2005	230 g	<0.50	<0.50	<0.50	1.1	NA	2.6	<2.0	<2.0	<2.0	<5.0	18.78	11.75	7.03
MW-9	10/26/2005	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	18.78	11.97	6.81

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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	03/08/2006	205	<0.500	<0.500	<0.500	<0.500	NA	1.45	NA	NA	NA	NA	18.78	10.05	8.73
MW-9	06/27/2006	260	<0.50	<0.50	<0.50	<0.50	NA	1.9	NA	NA	NA	NA	18.78	10.64	8.14
MW-9	09/25/2006	160	<0.50	<0.50	<0.50	<1.0	NA	1.6	<1.0	<1.0	<1.0	<10	18.78	11.78	7.00
MW-9	12/21/2006	300	<0.50	<0.50	<0.50	<1.0	NA	1.4	NA	NA	NA	NA	18.78	11.86	6.92
MW-9	03/20/2007	150 n	<0.50	<0.50	<0.50	<1.0	NA	1.2	NA	NA	NA	NA	18.78	11.34	7.44
MW-9	06/18/2007	81	0.18 p	<1.0	<1.0	0.27 p	NA	1.2	NA	NA	NA	NA	18.78	12.01	6.77
MW-9	08/30/2007	52 r	<0.50	<1.0	<1.0	0.31 p	NA	1.6	<2.0	<2.0	<2.0	<10	18.78	12.49	6.29
MW-9	12/28/2007	61 r	<0.50	<1.0	<1.0	0.27 p	NA	1.9	NA	NA	NA	NA	18.78	12.84	5.94
MW-9	03/26/2008	89	<0.50	<1.0	<1.0	<1.0	NA	1.6	NA	NA	NA	NA	18.78	12.30	6.48
MW-9	05/29/2008	130	<0.50	<1.0	<1.0	<1.0	NA	7.4	NA	NA	NA	NA	18.78	12.61	6.17
MW-9	09/25/2008	63	<0.50	<1.0	<1.0	<1.0	NA	17	<2.0	<2.0	<2.0	<10	18.78	12.92	5.86
MW-9	12/16/2008	74	<0.50	<1.0	<1.0	<1.0	NA	13	NA	NA	NA	NA	18.78	13.03	5.75
MW-9	02/26/2009	81	<0.50	<1.0	<1.0	<1.0	NA	14	NA	NA	NA	NA	18.78	11.94	6.84
MW-9	05/26/2009	140	<0.50	<1.0	<1.0	<1.0	NA	5.8	NA	NA	NA	NA	18.78	12.47	6.31
MW-9	09/02/2009	54	<0.50	<1.0	<1.0	<1.0	NA	16	<2.0	<2.0	<2.0	<10	18.42	13.00	5.42
MW-9	**03/10/2010**	**<50**	**<0.50**	**<1.0**	**<1.0**	**<1.0**	**NA**	**1.4**	**NA**	**NA**	**NA**	**NA**	**18.42**	**11.05**	**7.37**

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

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

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

Notes:

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

b = Hydrocarbon reported does not match the labaratory standard.

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

d = Sample contains discrete peaks in addition to gasoline.

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

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

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

h = Analyte was detected in the associated Method Blank.

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

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

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

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

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

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

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

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

q = the sample chromatographic pattern for TPH does not match the chromatographic pattern of the specified standard. Quantitation of the unknown hydrocarbon(s) in the sample was based upon the specified standard.

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

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

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

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

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

Calscience
Environmental
Laboratories, Inc.

March 24, 2010

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

Subject: **Calscience Work Order No.:** **10-03-0986**
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 3/12/2010 and analyzed in accordance with the attached chain-of-custody.

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

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

Sincerely,

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:	03/12/10
Work Order No:	10-03-0986
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	10-03-0986-1-A	03/10/10 10:30	Aqueous	GC/MS OO	03/13/10	03/13/10 13:54	100313L01

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Benzene	12	0.50	1		Xylenes (total)	ND	1.0	1	
Ethylbenzene	ND	1.0	1		Methyl-t-Butyl Ether (MTBE)	27	1.0	1	
Toluene	ND	1.0	1		TPPH	99	50	1	
Surrogates:	REC (%)	Control Limits		Qual	Surrogates:	REC (%)	Control Limits		Qual
Dibromofluoromethane	104	80-132			1,2-Dichloroethane-d4	106	80-141		
Toluene-d8	100	80-120			Toluene-d8-TPPH	92	88-112		
1,4-Bromofluorobenzene	95	76-120							

MW-2	10-03-0986-2-B	03/10/10 11:40	Aqueous	GC/MS OO	03/16/10	03/17/10 08:42	100316L02

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Benzene	ND	0.50	1		Xylenes (total)	ND	1.0	1	
Ethylbenzene	ND	1.0	1		Methyl-t-Butyl Ether (MTBE)	37	1.0	1	
Toluene	ND	1.0	1		TPPH	ND	50	1	
Surrogates:	REC (%)	Control Limits		Qual	Surrogates:	REC (%)	Control Limits		Qual
Dibromofluoromethane	113	80-132			1,2-Dichloroethane-d4	114	80-141		
Toluene-d8	101	80-120			Toluene-d8-TPPH	93	88-112		
1,4-Bromofluorobenzene	97	76-120							

MW-9	10-03-0986-9-A	03/10/10 10:05	Aqueous	GC/MS OO	03/13/10	03/13/10 16:39	100313L01

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Benzene	ND	0.50	1		Xylenes (total)	ND	1.0	1	
Ethylbenzene	ND	1.0	1		Methyl-t-Butyl Ether (MTBE)	1.4	1.0	1	
Toluene	ND	1.0	1		TPPH	ND	50	1	
Surrogates:	REC (%)	Control Limits		Qual	Surrogates:	REC (%)	Control Limits		Qual
Dibromofluoromethane	107	80-132			1,2-Dichloroethane-d4	108	80-141		
Toluene-d8	100	80-120			Toluene-d8-TPPH	92	88-112		
1,4-Bromofluorobenzene	96	76-120							

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

Calscience Environmental Laboratories, Inc.

Analytical Report

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

Date Received: 03/12/10
Work Order No: 10-03-0986
Preparation: EPA 5030B
Method: LUFT GC/MS / EPA 8260B
Units: ug/L

Project: 610 Market St., Oakland, CA

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
Method Blank	099-12-767-3,569	N/A	Aqueous	GC/MS OO	03/13/10	03/13/10 13:26	100313L01

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Benzene	ND	0.50	1		Xylenes (total)	ND	1.0	1	
Ethylbenzene	ND	1.0	1		Methyl-t-Butyl Ether (MTBE)	ND	1.0	1	
Toluene	ND	1.0	1		TPPH	ND	50	1	
Surrogates:	REC (%)	Control Limits		Qual	Surrogates:	REC (%)	Control Limits		Qual
Dibromofluoromethane	101	80-132			1,2-Dichloroethane-d4	103	80-141		
Toluene-d8	99	80-120			Toluene-d8-TPPH	91	88-112		
1,4-Bromofluorobenzene	96	76-120							

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
Method Blank	099-12-767-3,584	N/A	Aqueous	GC/MS OO	03/16/10	03/17/10 04:01	100316L02

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Benzene	ND	0.50	1		Xylenes (total)	ND	1.0	1	
Ethylbenzene	ND	1.0	1		Methyl-t-Butyl Ether (MTBE)	ND	1.0	1	
Toluene	ND	1.0	1		TPPH	ND	50	1	
Surrogates:	REC (%)	Control Limits		Qual	Surrogates:	REC (%)	Control Limits		Qual
Dibromofluoromethane	108	80-132			1,2-Dichloroethane-d4	109	80-141		
Toluene-d8	101	80-120			Toluene-d8-TPPH	93	88-112		
1,4-Bromofluorobenzene	96	76-120							

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

Calscience Environmental Laboratories, Inc.

Analytical Report

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

Date Received: 03/12/10
Work Order No: 10-03-0986
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-3	10-03-0986-3-A	03/10/10 11:00	Aqueous	GC/MS OO	03/13/10	03/13/10 17:07	100313L01

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Benzene	ND	0.50	1		Methyl-t-Butyl Ether (MTBE)	ND	1.0	1	
Ethylbenzene	ND	1.0	1		Tert-Butyl Alcohol (TBA)	ND	10	1	
Toluene	ND	1.0	1		TPPH	89	50	1	
Xylenes (total)	1.0	1.0	1						
Surrogates:	REC (%)	Control Limits		Qual	Surrogates:	REC (%)	Control Limits		Qual
Dibromofluoromethane	109	80-132			1,2-Dichloroethane-d4	107	80-141		
Toluene-d8	102	80-120			Toluene-d8-TPPH	93	88-112		
1,4-Bromofluorobenzene	97	76-120							

MW-4	10-03-0986-4-A	03/10/10 09:25	Aqueous	GC/MS OO	03/16/10	03/17/10 09:10	100316L02

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Benzene	ND	0.50	1		Methyl-t-Butyl Ether (MTBE)	ND	1.0	1	
Ethylbenzene	ND	1.0	1		Tert-Butyl Alcohol (TBA)	ND	10	1	
Toluene	1.6	1.0	1		TPPH	ND	50	1	
Xylenes (total)	ND	1.0	1						
Surrogates:	REC (%)	Control Limits		Qual	Surrogates:	REC (%)	Control Limits		Qual
Dibromofluoromethane	113	80-132			1,2-Dichloroethane-d4	112	80-141		
Toluene-d8	100	80-120			Toluene-d8-TPPH	92	88-112		
1,4-Bromofluorobenzene	96	76-120							

MW-5	10-03-0986-5-A	03/10/10 09:45	Aqueous	GC/MS OO	03/13/10	03/13/10 18:03	100313L01

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Benzene	ND	0.50	1		Methyl-t-Butyl Ether (MTBE)	1.3	1.0	1	
Ethylbenzene	ND	1.0	1		Tert-Butyl Alcohol (TBA)	170	10	1	
Toluene	ND	1.0	1		TPPH	ND	50	1	
Xylenes (total)	ND	1.0	1						
Surrogates:	REC (%)	Control Limits		Qual	Surrogates:	REC (%)	Control Limits		Qual
Dibromofluoromethane	107	80-132			1,2-Dichloroethane-d4	106	80-141		
Toluene-d8	101	80-120			Toluene-d8-TPPH	92	88-112		
1,4-Bromofluorobenzene	97	76-120							

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

Calscience Environmental Laboratories, Inc.

Analytical Report

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

Date Received: 03/12/10
Work Order No: 10-03-0986
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-6	10-03-0986-6-A	03/10/10 13:30	Aqueous	GC/MS OO	03/13/10	03/13/10 18:30	100313L01

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Benzene	ND	10	20		Methyl-t-Butyl Ether (MTBE)	ND	20	20	
Ethylbenzene	ND	20	20		Tert-Butyl Alcohol (TBA)	25000	500	50	
Toluene	ND	20	20		TPPH	ND	1000	20	
Xylenes (total)	ND	20	20						
Surrogates:	REC (%)	Control Limits		Qual	Surrogates:	REC (%)	Control Limits		Qual
Dibromofluoromethane	107	80-132			1,2-Dichloroethane-d4	106	80-141		
Toluene-d8	100	80-120			Toluene-d8-TPPH	91	88-112		
1,4-Bromofluorobenzene	96	76-120							

MW-7	10-03-0986-7-A	03/10/10 12:45	Aqueous	GC/MS OO	03/13/10	03/13/10 19:26	100313L01

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Benzene	ND	10	20		Methyl-t-Butyl Ether (MTBE)	ND	20	20	
Ethylbenzene	ND	20	20		Tert-Butyl Alcohol (TBA)	25000	500	50	
Toluene	ND	20	20		TPPH	ND	1000	20	
Xylenes (total)	ND	20	20						
Surrogates:	REC (%)	Control Limits		Qual	Surrogates:	REC (%)	Control Limits		Qual
Dibromofluoromethane	105	80-132			1,2-Dichloroethane-d4	109	80-141		
Toluene-d8	100	80-120			Toluene-d8-TPPH	91	88-112		
1,4-Bromofluorobenzene	94	76-120							

MW-8	10-03-0986-8-A	03/10/10 12:15	Aqueous	GC/MS OO	03/13/10	03/13/10 20:20	100313L01

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Benzene	ND	0.50	1		Methyl-t-Butyl Ether (MTBE)	1.6	1.0	1	
Ethylbenzene	ND	1.0	1		Tert-Butyl Alcohol (TBA)	14	10	1	
Toluene	ND	1.0	1		TPPH	ND	50	1	
Xylenes (total)	ND	1.0	1						
Surrogates:	REC (%)	Control Limits		Qual	Surrogates:	REC (%)	Control Limits		Qual
Dibromofluoromethane	109	80-132			1,2-Dichloroethane-d4	110	80-141		
Toluene-d8	100	80-120			Toluene-d8-TPPH	92	88-112		
1,4-Bromofluorobenzene	95	76-120							

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

Calscience Environmental Laboratories, Inc.

Analytical Report

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

Date Received: 03/12/10
Work Order No: 10-03-0986
Preparation: EPA 5030B
Method: LUFT GC/MS / EPA 8260B
Units: ug/L

Project: 610 Market St., Oakland, CA

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
Method Blank	099-12-767-3,569	N/A	Aqueous	GC/MS OO	03/13/10	03/13/10 13:26	100313L01

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Benzene	ND	0.50	1		Methyl-t-Butyl Ether (MTBE)	ND	1.0	1	
Ethylbenzene	ND	1.0	1		Tert-Butyl Alcohol (TBA)	ND	10	1	
Toluene	ND	1.0	1		TPPH	ND	50	1	
Xylenes (total)	ND	1.0	1						
Surrogates:	REC (%)	Control Limits		Qual	Surrogates:	REC (%)	Control Limits		Qual
Dibromofluoromethane	101	80-132			1,2-Dichloroethane-d4	103	80-141		
Toluene-d8	99	80-120			Toluene-d8-TPPH	91	88-112		
1,4-Bromofluorobenzene	96	76-120							

Method Blank	099-12-767-3,584	N/A	Aqueous	GC/MS OO	03/16/10	03/17/10 04:01	100316L02

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Benzene	ND	0.50	1		Methyl-t-Butyl Ether (MTBE)	ND	1.0	1	
Ethylbenzene	ND	1.0	1		Tert-Butyl Alcohol (TBA)	ND	10	1	
Toluene	ND	1.0	1		TPPH	ND	50	1	
Xylenes (total)	ND	1.0	1						
Surrogates:	REC (%)	Control Limits		Qual	Surrogates:	REC (%)	Control Limits		Qual
Dibromofluoromethane	108	80-132			1,2-Dichloroethane-d4	109	80-141		
Toluene-d8	101	80-120			Toluene-d8-TPPH	93	88-112		
1,4-Bromofluorobenzene	96	76-120							

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

Calscience Environmental Laboratories, Inc.

Quality Control - Spike/Spike Duplicate

Blaine Tech Services, Inc.	Date Received: 03/12/10
1680 Rogers Avenue	Work Order No: 10-03-0986
San Jose, CA 95112-1105	Preparation: EPA 5030B
	Method: LUFT GC/MS / EPA 8260B

Project 610 Market St., Oakland, CA

Quality Control Sample ID	Matrix	Instrument	Date Prepared	Date Analyzed	MS/MSD Batch Number
MW-1	Aqueous	GC/MS OO	03/13/10	03/13/10	100313S01

Parameter	MS %REC	MSD %REC	%REC CL	RPD	RPD CL	Qualifiers
Benzene	105	105	72-120	0	0-20	
Carbon Tetrachloride	125	126	63-135	0	0-20	
Chlorobenzene	104	107	80-120	2	0-20	
1,2-Dibromoethane	106	105	80-120	1	0-20	
1,2-Dichlorobenzene	104	104	80-120	0	0-20	
1,1-Dichloroethene	115	116	60-132	1	0-24	
Ethylbenzene	105	107	78-120	2	0-20	
Toluene	109	110	74-122	2	0-20	
Trichloroethene	113	114	69-120	0	0-20	
Vinyl Chloride	93	94	58-130	1	0-20	
Methyl-t-Butyl Ether (MTBE)	109	111	72-126	1	0-21	
Tert-Butyl Alcohol (TBA)	88	94	72-126	6	0-20	
Diisopropyl Ether (DIPE)	108	109	71-137	2	0-23	
Ethyl-t-Butyl Ether (ETBE)	107	109	74-128	2	0-20	
Tert-Amyl-Methyl Ether (TAME)	107	109	76-124	2	0-20	
Ethanol	83	86	35-167	4	0-48	

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: 03/12/10
Work Order No: 10-03-0986
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
10-03-1018-3	Aqueous	GC/MS OO	03/16/10	03/17/10	100316S02

Parameter	MS %REC	MSD %REC	%REC CL	RPD	RPD CL	Qualifiers
Benzene	112	109	72-120	2	0-20	
Carbon Tetrachloride	129	126	63-135	3	0-20	
Chlorobenzene	103	102	80-120	1	0-20	
1,2-Dibromoethane	113	105	80-120	7	0-20	
1,2-Dichlorobenzene	98	99	80-120	1	0-20	
1,1-Dichloroethene	119	115	60-132	3	0-24	
Ethylbenzene	103	102	78-120	1	0-20	
Toluene	111	109	74-122	2	0-20	
Trichloroethene	113	113	69-120	1	0-20	
Vinyl Chloride	91	91	58-130	0	0-20	
Methyl-t-Butyl Ether (MTBE)	120	111	72-126	8	0-21	
Tert-Butyl Alcohol (TBA)	93	92	72-126	1	0-20	
Diisopropyl Ether (DIPE)	117	111	71-137	5	0-23	
Ethyl-t-Butyl Ether (ETBE)	116	111	74-128	4	0-20	
Tert-Amyl-Methyl Ether (TAME)	114	110	76-124	4	0-20	
Ethanol	78	81	35-167	4	0-48	

RPD - Relative Percent Difference , CL - Control Limit

Calscience Environmental Laboratories, Inc.

Quality Control - LCS/LCS Duplicate

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

Date Received: N/A
Work Order No: 10-03-0986
Preparation: EPA 5030B
Method: LUFT GC/MS / EPA 8260B

Project: 610 Market St., Oakland, CA

Quality Control Sample ID	Matrix	Instrument	Date Prepared	Date Analyzed	LCS/LCSD Batch Number
099-12-767-3,569	Aqueous	GC/MS OO	03/13/10	03/13/10	100313L01

Parameter	LCS %REC	LCSD %REC	%REC CL	ME_CL	RPD	RPD CL	Qualifiers
Benzene	108	109	80-122	73-129	2	0-20	
Carbon Tetrachloride	124	124	68-140	56-152	0	0-20	
Chlorobenzene	106	105	80-120	73-127	1	0-20	
1,2-Dibromoethane	105	106	80-121	73-128	0	0-20	
1,2-Dichlorobenzene	100	104	80-120	73-127	3	0-20	
1,1-Dichloroethene	115	115	72-132	62-142	1	0-25	
Ethylbenzene	106	107	80-126	72-134	1	0-20	
Toluene	108	110	80-121	73-128	2	0-20	
Trichloroethene	113	115	80-123	73-130	2	0-20	
Vinyl Chloride	92	94	67-133	56-144	2	0-20	
Methyl-t-Butyl Ether (MTBE)	106	105	75-123	67-131	1	0-20	
Tert-Butyl Alcohol (TBA)	88	91	75-123	67-131	3	0-20	
Diisopropyl Ether (DIPE)	107	103	71-131	61-141	3	0-20	
Ethyl-t-Butyl Ether (ETBE)	106	104	76-124	68-132	2	0-20	
Tert-Amyl-Methyl Ether (TAME)	105	105	80-123	73-130	0	0-20	
Ethanol	84	86	61-139	48-152	2	0-27	
TPPH	90	88	65-135	53-147	2	0-30	

Total number of LCS compounds : 17
Total number of ME compounds : 0
Total number of ME compounds allowed : 1
LCS ME CL validation result : Pass

RPD - Relative Percent Difference , CL - Control Limit

Calscience Environmental Laboratories, Inc.

Quality Control - LCS/LCS Duplicate

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

Date Received: N/A
Work Order No: 10-03-0986
Preparation: EPA 5030B
Method: LUFT GC/MS / EPA 8260B

Project: 610 Market St., Oakland, CA

Quality Control Sample ID	Matrix	Instrument	Date Prepared	Date Analyzed	LCS/LCSD Batch Number
099-12-767-3,584	Aqueous	GC/MS OO	03/16/10	03/17/10	100316L02

Parameter	LCS %REC	LCSD %REC	%REC CL	ME_CL	RPD	RPD CL	Qualifiers
Benzene	106	109	80-122	73-129	2	0-20	
Carbon Tetrachloride	123	127	68-140	56-152	4	0-20	
Chlorobenzene	101	103	80-120	73-127	2	0-20	
1,2-Dibromoethane	108	109	80-121	73-128	1	0-20	
1,2-Dichlorobenzene	97	99	80-120	73-127	2	0-20	
1,1-Dichloroethene	113	115	72-132	62-142	2	0-25	
Ethylbenzene	101	103	80-126	72-134	2	0-20	
Toluene	107	109	80-121	73-128	2	0-20	
Trichloroethene	112	114	80-123	73-130	1	0-20	
Vinyl Chloride	88	93	67-133	56-144	6	0-20	
Methyl-t-Butyl Ether (MTBE)	113	113	75-123	67-131	0	0-20	
Tert-Butyl Alcohol (TBA)	88	96	75-123	67-131	9	0-20	
Diisopropyl Ether (DIPE)	110	111	71-131	61-141	1	0-20	
Ethyl-t-Butyl Ether (ETBE)	111	113	76-124	68-132	1	0-20	
Tert-Amyl-Methyl Ether (TAME)	110	112	80-123	73-130	1	0-20	
Ethanol	76	86	61-139	48-152	13	0-27	
TPPH	88	95	65-135	53-147	8	0-30	

Total number of LCS compounds : 17
Total number of ME compounds : 0
Total number of ME compounds allowed : 1
LCS ME CL validation result : Pass

RPD - Relative Percent Difference , CL - Control Limit

Calscience Environmental Laboratories, Inc.

Glossary of Terms and Qualifiers

Work Order Number: 10-03-0986

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.
E	Concentration exceeds the calibration range.
J	Analyte was detected at a concentration below the reporting limit and above the laboratory method detection limit. Reported value is estimated.
ME	LCS Recovery Percentage is within LCS ME Control Limit range.
ND	Parameter not detected at the indicated reporting limit.
Q	Spike recovery and RPD control limits do not apply resulting from the parameter concentration in the sample exceeding the spike concentration by a factor of four or greater.
X	% Recovery and/or RPD out-of-range.
Z	Analyte presence was not confirmed by second column or GC/MS analysis.
	Solid - Unless otherwise indicated, solid sample data is reported on a wet weight basis, not corrected for % moisture.

Shell Oil Products Chain Of Custody Record

LAB (LOCATION)
- ☑ CALSCIENCE (_____)
- ☐ SPL (_____)
- ☐ XENCO (_____)
- ☐ TEST AMERICA (_____)
- ☐ OTHER (_____)

Please Check Appropriate Box:
☐ ENV. SERVICES ☐ MOTIVA RETAIL ☐ SHELL RETAIL
☐ MOTIVA SD&CM ☑ CONSULTANT ☐ LUBES
☐ SHELL PIPELINE ☐ OTHER _____

Print Bill To Contact Name: Peter Schaefer 240594
INCIDENT # (ENV SERVICES): 9 8 9 9 5 7 5 0 ☐ CHECK IF NO INCIDENT # APPLIES
PO #:
SAP #:
DATE: 3/10/10
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 Kreml, CRA, Emeryville	PHONE NO: (510) 420-3335	E-MAIL: Shelledf@craworld.com	CONSULTANT PROJECT NO: 100310-IW1
PROJECT CONTACT (Hardcopy or PDF Report to): Michael Ninokata Copy to Shell.Lab.Billing@craworld.com				BTS #
TELEPHONE: (408)573-0555	FAX: (408)573-7771	E-MAIL: mninokata@blainetech.com	SAMPLER NAME(S) (Print): IAN WILLIAMS	LAB USE ONLY: 03-0986

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)	TEMPERATURE ON RECEIPT C° / Container PID Readings or Laboratory Notes
1	MW-1	3/10/10	1030	W	X					3	X		X		X									
2	MW-2		1140		X					3	X		X		X									
3	MW-3		1100		X					3	X		X		X	X								
4	MW-4		0925		X					3	X		X		X	X								
5	MW-5		0945		X					3	X		X		X	X								
6	MW-6		1330		X					3	X		X		X	X								
7	MW-7		1245		X					3	X		X		X	X								
8	MW-8		1215		X					3	X		X		X	X								
9	MW-9	↓	1005	↓	X					3	X		X		X									

Relinquished by: (Signature)	Received by: (Signature)	Date:	Time:
	(SAMPLE CUSTODIAN)	3/10/10	1500
Relinquished by: (Signature) (Sample Kit)	Received by: (Signature)	Date:	Time:
	CEL	3-11-10	1445
Relinquished by: (Signature) — 3-11-10 1730	Received by: (Signature)	Date:	Time:
		3/12/10	1030

05/2/06 Revision

0986

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 #: 513736261

NPS

ORC

D

GARDEN GROVE

D92843A

79977757

Print Date : 03/11/10 17:00 PM

Package 1 of 1

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 #: 10-03-0986

SAMPLE RECEIPT FORM

Cooler 1 of 1

CLIENT: Blaine Tech

DATE: 03/12/10

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

Temperature 1.9 °C + 0.5 °C (CF) = 2.4 °C ☑ Blank ☐ Sample

☐ Sample(s) outside temperature criteria (PM/APM contacted by: _____).

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

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

Ambient Temperature: ☐ Air ☐ Filter ☐ Metals Only ☐ PCBs Only Initial: AP

CUSTODY SEALS INTACT:

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

☐ Sample ☐_____ ☐ No (Not Intact) ☑ Not Present Initial: AP

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	☑	☐	☐
Proper preservation noted on COC or sample container	☑	☐	☐
☐ Unpreserved vials received for Volatiles analysis			
Volatile analysis container(s) free of headspace	☑	☐	☐
Tedlar bag(s) free of condensation	☐	☐	☑

CONTAINER TYPE:

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

Water: ☐VOA ☑3 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#:**_____ **Checked by:** AP

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

Preservative: h: HCL n: HNO3 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:** WSC

WELL GAUGING DATA

Project # 100310-IW1 Date 3/10/10 Client SHELL

Site 610 MARKET ST., OAKLAND, CA

Well ID	Time	Well Size (in.)	Sheen / Odor	Depth to Immiscible Liquid (ft.)	Thickness of Immiscible Liquid (ft.)	Volume of Immiscibles Removed (ml)	Depth to water (ft.)	Depth to well bottom (ft.)	Survey Point: TOB or TOC	Notes
MW-1	0804	4					13.85	24.48		
MW-2	0808	4					9.96	18.15		
MW-3	0836	4					10.29	18.39		
MW-4	0910	4					9.95	19.60		
MW-5	0932	4					10.59	19.92		
MW-6	0844	4					10.94	18.60		
MW-7	0829	4					11.62	18.28		
MW-8	0820	4					11.02	18.20		
MW-9	0852	4					11.05	19.55		

SHEET WELL MONITORING DATA SHEET

BTS #: 100310-IW1	Site: 610 MARKET ST, OAKLAND, CA
Sampler: IW	Date: 3/10/10
Well I.D.: MW-1	Well Diameter: 2 3 (4) 6 8
Total Well Depth (TD): 24.48	Depth to Water (DTW): 13.85
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]: 15.98	

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

Sampling Method:
- X Bailer
- Disposable Bailer
- Extraction Port
- Dedicated Tubing
- Other:

6.9 (Gals.) X	3	= 20.7 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
1020	64.7	6.82	952	27	7.0	
1021	65.7	6.59	982	18	14.0	
1023	66.1	6.57	994	13	21.0	DTW = 20.23

Did well dewater? Yes (No) Gallons actually evacuated: 21.0

Sampling Date: 3/10/10 Sampling Time: 1030 Depth to Water: WAITED 14.90

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

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

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

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

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

SHELL WELL MONITORING DATA SHEET

BTS #: 100310-IW1	Site: 610 MARKET ST, OAKLAND, CA
Sampler: IW	Date: 3/10/10
Well I.D.: MW-2	Well Diameter: 2 3 (4) 6 8
Total Well Depth (TD): 18.15	Depth to Water (DTW): 9.96
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]: 11.59	

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

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

5.4 (Gals.) X 3 = 16.2 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
1129	67.4	6.38	889	20	5.4	
1130	67.6	6.31	891	15	10.8	
1131	67.9	6.33	894	10	16.2	DTW = 11.80

Did well dewater? Yes (No) Gallons actually evacuated: 16.2

Sampling Date: 3/10/10 Sampling Time: 1140 Depth to Water: 11.45

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

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

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

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

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

SHEET WELL MONITORING DATA SHEET

BTS #: 100310-IW1	Site: 610 MARKET ST, OAKLAND, CA
Sampler: IW	Date: 3/10/10
Well I.D.: MW-3	Well Diameter: 2 3 (4) 6 8
Total Well Depth (TD): 18.39	Depth to Water (DTW): 10.29
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]: 11.91	

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

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

5.3 (Gals.) X	3	=	15.9 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
1042	63.7	7.08	334	42	5.3	
1043	65.2	6.76	324	40	10.6	
1044	65.6	6.73	327	32	15.9	DTW = 14.68

Did well dewater? Yes (No) Gallons actually evacuated: 15.9

Sampling Date: 3/10/10 Sampling Time: 1100 Depth to Water: 11.69 WAITED

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

SHELL WELL MONITORING DATA SHEET

BTS #: 100310-IW1	Site: 610 MARKET ST, OAKLAND, CA
Sampler: IW	Date: 3/10/10
Well I.D.: MW-4	Well Diameter: 2 3 (4) 6 8 ___
Total Well Depth (TD): ~~18.39~~ IW 19.60	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]: 11.88	

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

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

6.3 (Gals.) X 3 = 18.9 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
0918	63.9	7.06	544	45	6.3	
0919	64.9	6.86	525	143	12.6	
0920	65.2	6.84	523	387	18.9	DTW = 16.36

Did well dewater? Yes (No) Gallons actually evacuated: 18.9

Sampling Date: 3/10/10 Sampling Time: 0925 Depth to Water: 16.36 TRAFFIC

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

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

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

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

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

SHEET WELL MONITORING DATA SHEET

BTS #: 100310-IW1	Site: 610 MARKET ST, OAKLAND, CA
Sampler: IW	Date: 3/10/10
Well I.D.: MW-5	Well Diameter: 2 3 (4) 6 8
Total Well Depth (TD): 19.92	Depth to Water (DTW): 10.59
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]: 12.46	

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

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

1 Case Volume	Specified Volumes	Calculated Volume
6.1 (Gals.) X	3 =	18.3 Gals.

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
0936	65.6	6.99	1117	76	6.1	
0937	66.0	6.87	1100	146	12.2	
0938	66.3	6.85	1107	427	18.3	DTW = 14.82

Did well dewater? Yes (No) Gallons actually evacuated: 18.3

Sampling Date: 3/10/10 Sampling Time: 0945 Depth to Water: TRAFFIC 14.82

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

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

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

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

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

SHEET WELL MONITORING DATA SHEET

BTS #: 100310-IW1	Site: 610 MARKET ST, OAKLAND, CA
Sampler: IW	Date: 3/10/10
Well I.D.: MW-6	Well Diameter: 2 3 (4) 6 8
Total Well Depth (TD): 18.60	Depth to Water (DTW): 10.94
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]: 12.47	

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

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

5.0 (Gals.) X 3 = 15.0 Gals.
1 Case Volume | Specified Volumes | Calculated Volume

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

Time	Temp (°F)	pH	Cond. (mS or (µS))	Turbidity (NTUs)	Gals. Removed	Observations
1308	63.8	7.06	876	128	5.0	STRONG ODOR
1309	66.1	6.68	946	72	10.0	"
1310	WELL	DEWATERED @	11.0 gallons		11.0	" DTW = 15.10
1330	64.9	6.72	922	104	GRAB	

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

Sampling Date: 3/10/10 Sampling Time: 1330 Depth to Water: WAITED 11.86

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

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

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

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

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

SHEET WELL MONITORING DATA SHEET

BTS #: 100310-IW1	Site: 610 MARKET ST, OAKLAND, CA
Sampler: IW	Date: 3/10/10
Well I.D.: MW-7	Well Diameter: 2 3 (4) 6 8
Total Well Depth (TD): 18.28	Depth to Water (DTW): 11.62
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]: 12.96	

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

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

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
1229	62.8	7.41	1208	79	4.5	ODOR
1230	64.2	6.76	1239	52	9.0	"
1231	64.5	6.78	1243	138	13.5	" DTW=15.6

Did well dewater? Yes (No) Gallons actually evacuated: 13.5

Sampling Date: 3/10/10 Sampling Time: 1245 Depth to Water: 12.80 WAITED

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

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

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

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

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

SHEET WELL MONITORING DATA SHEET

BTS #: 100310-IW1	Site: 610 MARKET ST, OAKLAND, CA
Sampler: IW	Date: 3/10/10
Well I.D.: MW-8	Well Diameter: 2 3 (4) 6 8
Total Well Depth (TD): 18.20	Depth to Water (DTW): 11.02
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]: 12.46	

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

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

4.7 (Gals.) X	3	= 14.1 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
1158	66.8	6.89	898	113	5.0	ODOR
1159	66.5	6.87	912	50	10.0	"
1200	66.5	6.89	924	33	15.0	" DTW = 15.01

Did well dewater? Yes (No) Gallons actually evacuated: 15.0

Sampling Date: 3/10/10 Sampling Time: 1215 Depth to Water: WAITED 12.39

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

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

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

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

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

SHEET WELL MONITORING DATA SHEET

BTS #: 100310-IW1	Site: 610 MARKET ST, OAKLAND, CA
Sampler: IW	Date: 3/10/10
Well I.D.: MW-9	Well Diameter: 2 3 (4) 6 8
Total Well Depth (TD): 19.55	Depth to Water (DTW): ~~19.55~~ IW 11.05
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]: 12.75

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

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

5.6 (Gals.) X 3 = 16.8 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
0957	64.2	6.98	581	149	5.6	
0958	64.1	6.75	578	161	11.2	
0959	WELL	DEWATERED @	12.0 gallons		12.0	DTW = 14.63
1005	64.9	6.71	672	194	GRAB	

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

Sampling Date: 3/10/10 Sampling Time: 1005 Depth to Water: WAITED 12.42

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

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

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

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

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

SHELL SITE INSPECTION CHECKLIST

Client Shell Date 1/22/10

Site Address 610 Market St. Oakland

Job Number 100122-BW2 Technician BW

Site Status Shell Branded Station Vacant Lot Other

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

Notes

PROJECT MANAGER ONLY

Checklist Reviewed _____ Initial/Date Notes

SHELL WELLHEAD REPAIR FORM
(FOR REPAIR TECHNICIAN)

Site Address 610 Market St. Oakland Date 1/22/10

Job Number 100122-BWZ Technician BW Page 1 of 2

Inspection Point (Well ID or description of location)	Well Inspected, Cleaned, Labeled - No Further Corrective Action Required	Replaced Cap	Replaced Lock	Replaced Lid Seal	Check Indicates deficiency: 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
MW-1				X			X										X		
	Notes: Retapped 3/2 Tabs																		
	Well box type / size: 12" Emco															Materials used: 2 bolts			
MW-2							X										X		
	Notes: Retapped 4/4 Tabs																		
	Well box type / size: Round Vault															Materials used: 4 bolts, 4 washers			
MW-3							X										X		
	Notes: Retapped 4/4 Tabs																		
	Well box type / size: Round Vault															Materials used: 4 bolts, 4 washers			
MW-4							X										X		
	Notes: Retapped 3/2 Tabs																		
	Well box type / size: 12" Pemco															Materials used: 2 bolts			
MW-5							X										X		
	Notes: Retapped 3/2 Tabs																		
	Well box type / size: 12" Pemco															Materials used: 2 bolts			
MW-6							X										X		
	Notes: Retapped 4/4 Tabs																		
	Well box type / size: Round Vault															Materials used: 4 bolts, 4 washers			
MW-7							X										X		
	Notes: Retapped 4/4 Tabs																		
	Well box type / size: Round Vault															Materials used: 4 bolts, 4 washes			

SHELL WELLHEAD REPAIR FORM
(FOR REPAIR TECHNICIAN)

Site Address: 610 Market St. Oakland Date: 1/22/10

Job Number: 100122-BW2 Technician: BW Page: 2 of 2

Inspection Point (Well ID or description of location)	Well Inspected, Cleaned, Labeled - No Further Corrective Action Required	Replaced Cap	Replaced Lock	Replaced Lid Seal	Check Indicates deficiency: 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
MW-8							X										X		
	Notes: Retapped 4/4 Tabs																		
	Well box type / size: Round Vault												Materials used: 4 bolts, 4 washers						
MW-9			X				X										X		
	Notes: Retapped 2/2 Tabs - No Tag																		
	Well box type / size: 12" Emco												Materials used: 2 bolts						
	Notes:																		
	Well box type / size:												Materials used:						
	Notes:																		
	Well box type / size:												Materials used:						
	Notes:																		
	Well box type / size:												Materials used:						
	Notes:																		
	Well box type / size:												Materials used:						
	Notes:																		
	Well box type / size:												Materials used:						

SHELL WELLHEAD REPAIR FORM

(FOR REPAIR TECHNICIAN)

Site Address: 610 Market St. Oakland Date: 9/3/09

Job Number: 090903-BW2 Technician: BW 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	Check Indicates deficiency: 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	Notes	Well box type / size	Materials used
MW-9		X 4	X	X	X	X		X									X			Replaced w/ 12" Emco 4" Casing	12" Emco	1 Box - 7 bags
MW-4							X										X			Heli-Coil 1/2 Tabs, Retapped 1/2 Tabs	12" Pemco	

SHELL WELLHEAD INSPECTION FORM

(FOR SAMPLE TECHNICIAN)

Site Address 610 MARKET ST., OAKLAND, CA Date 3/10/10

Job Number 100310-IW1 Technician IW Page 1 of 1

Well ID	Well Inspected - No Corrective Action Required	Well Box Meets Compliance Requirements *See Below	Water Bailed From Wellbox	Cap Replaced	Lock Replaced	Well Not Inspected (explain in notes)	New Deficiency Identified	Previously Identified Deficiency Persists	Notes
MW-1	X	X							
MW-2	X								VAULT
MW-3	X								VAULT
MW-4	X	X							
MW-5		X							1 OF 2 TABS BROKEN
MW-6	X								VAULT
MW-7	X								VAULT
MW-8	X								VAULT
MW-9	X							X	NO TAG

*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: MW-5: 1 OF 2 TABS BROKEN. MW-9: NO TAG.