CONESTOGA-ROVERS & ASSOCIATES

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

TRANSMITTAL

DATE: August 14, 2013

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
By Alameda County Environmental Health at 3:50 pm, Aug 15, 2013

Please find enclosed:
- ☐ Draft
- ☐ Originals
- ☐ Prints
- ☒ Final
- ☐ Other

Sent via:
- ☐ Mail
- ☐ Overnight Courier
- ☐ Same Day Courier
- ☒ Other GeoTracker and Alameda County FTP

QUANTITY	DESCRIPTION
1	Groundwater Monitoring Report - Second Quarter 2013

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

COMMENTS:
If you have any questions regarding the content of this document, please call the CRA project manager Peter Schaefer at (510) 420-3319 or the Shell program manager Perry Pineda at (425) 413-1164.

Copy to: Perry Pineda, Shell Oil Products US (electronic copy)
Bhushan Bansal, Bansal, Inc., (property owner), 2120 Montana Street, Oakland, CA 94602-2218

Completed by: Peter Schaefer Signed: Peter Schaefer

Filing: **Correspondence File**

Shell Oil Products US
Soil and Groundwater Focus Delivery Group
20945 S. Wilmington Avenue
Carson, CA 90810
Tel (425) 413 1164
Fax (425) 413 0988
Email perry.pineda@shell.com
Internet http://www.shell.com

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

Re: 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.

As always, please feel free to contact me directly at (425) 413-1164 with any questions or concerns.

Sincerely,
Shell Oil Products US

Perry Pineda
Senior Environmental Program Manager

GROUNDWATER MONITORING REPORT - SECOND QUARTER 2013

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

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AUGUST 14, 2013
REF. NO. 240733 (20)
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LIST OF APPENDICES

1.0 INTRODUCTION

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

1.1 SITE INFORMATION

Site Address	2120 Montana Street, Oakland
Site Use	Shell-branded Service Station
Shell Project Manager	Perry Pineda
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 February 11, 2013 (electronic).

2.0 SITE ACTIVITIES, FINDINGS, AND DISCUSSION

2.1 CURRENT QUARTER'S ACTIVITIES

CRA submitted an *Underground Storage Tank Removal Report* on April 1, 2013.

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), a groundwater contour and chemical concentration map (Figure 2), and a groundwater data table (Table 1). Blaine's field notes are presented in Appendix A, and the laboratory report is presented in Appendix B.

On June 19, 2013, CRA submitted a *Closure Request* to Alameda County Environmental Health (ACEH).

2.2 CURRENT QUARTER'S FINDINGS

Groundwater Flow Direction	Generally southerly to southwesterly
Hydraulic Gradient	Variable
Depth to Water	11.20 to 14.00 feet below top of well casing

2.3 PROPOSED ACTIVITIES

CRA's June 19, 2013, *Closure Request* requested that ACEH suspend groundwater monitoring requirements during closure review. Unless directed otherwise, CRA will suspend the groundwater monitoring program during the closure review. No further groundwater monitoring events are scheduled.

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

Peter Schaefer, CHG, CEG

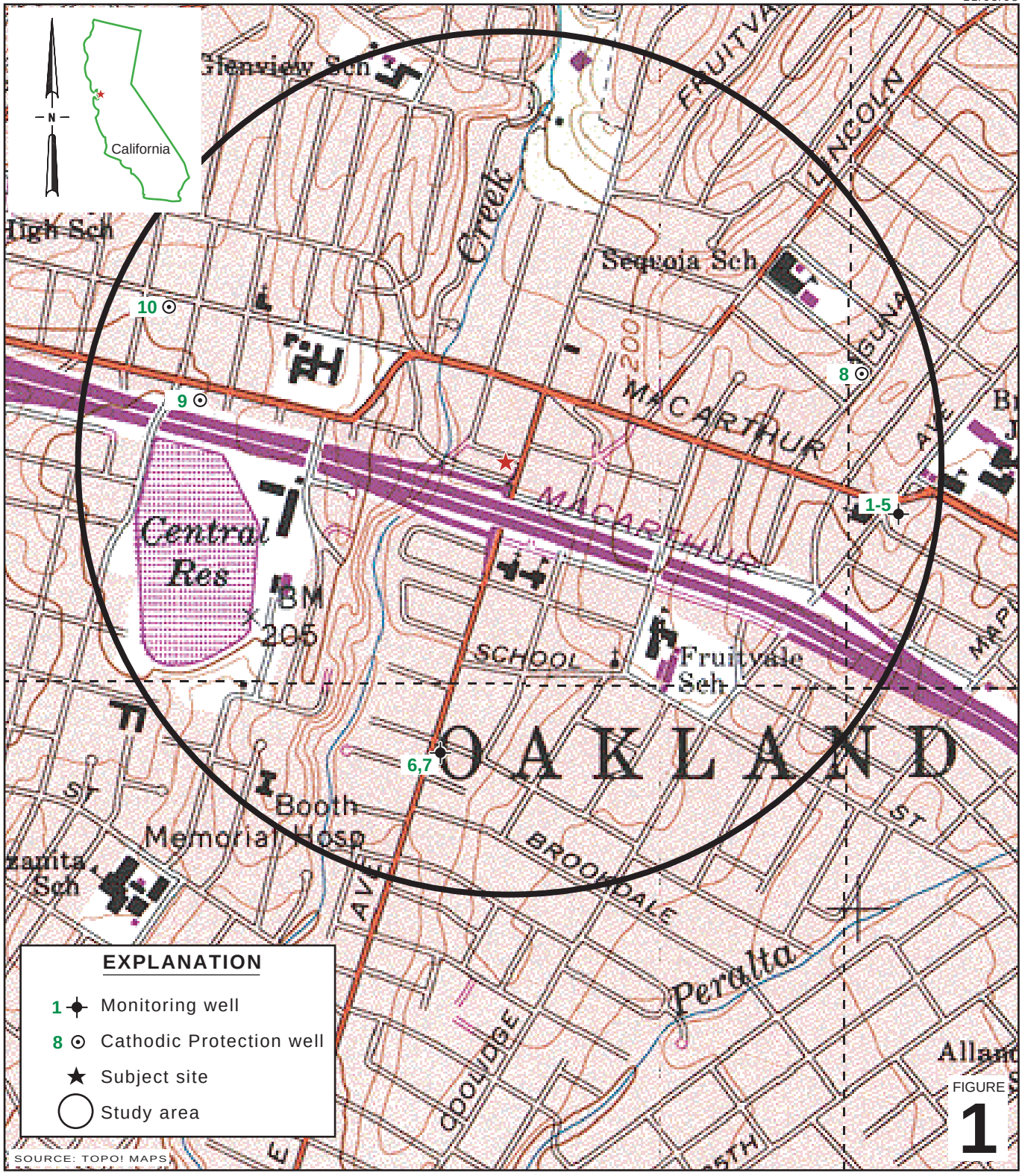
PROFESSIONAL GEOLOGIST
PETER L SCHAEFER
NO. 5612
STATE OF CALIFORNIA

for

Aubrey K. Cool, PG

FIGURES

11/05/08



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

0 1/6 1/3 1/2 1

SCALE : 1" = 1/6 MILE

FIGURE 1

Shell-branded Service Station
2120 Montana Street
Oakland, California

CONESTOGA-ROVERS & ASSOCIATES

Vicinity Map

07/15/2013

EXPLANATION

- **EW-1** — Extraction well location
- **MW-1** — Monitoring well formerly used for groundwater extraction
- **MW-2** — Monitoring well location
- **TBW-E** — Destroyed tank backfill well location
- Electrical line (E)
- Overhead electric line (OE)
- Sanitary sewer (SS)
- Water line (W)
- Telecommunications line (T)
- XX.XX — Groundwater elevation contour, in feet above mean sea level (ft MSL)

Well
ELEV
Benzene
MTBE

- Well designation
- Groundwater elevation, in ft MSL
- Benzene and MTBE concentrations are in micrograms per liter

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

N
E
W
S
Sausal Creek
(730 ft. SW)

Location of Sensitive Receptor
Relative to Site

Parking Lot
Commercial
Property
Sidewalk
Power Pole
SLOAN STREET
Air/Water
Planter
Storage
Building
Relocated
Trash
Enclosure
EFF
INF
D
R
TBW-N
Remediation Compound
Planter
Sidewalk
FRUITVALE AVENUE
TBW-W
Former
USTs
TBW-E
TBW-S
House
2102 Montana
2106 Montana
2110 Montana
Gate
RI
MW-1
147.34
NDa
4.3
EW-1
146.31
ND
4.8
EW-2
146.31
ND
0.86
MW-4
146.09
ND
1.7
MW-3
149.26
ND
ND
147.50
148.50
146.50
Canopy
Kiosk
Former
Dispensers
Shell Station
2120 Montana St.
Sewer
Connection
Planter
Driveway
Sidewalk
Driveway
Driveway
MW-5
145.70
1.6
1.2
MW-2
145.55
NDa
9.3
Power Poles
MONTANA STREET
INTERSTATE 580 ON-RAMP

N
0 15 30 60
Scale (ft)

Groundwater Contour and Chemical Concentration Map

June 7, 2013

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-RPT20-2Q13\240733 2QM13-GW.DWG

TABLE

TABLE 1

GROUNDWATER DATA
SHELL-BRANDED SERVICE STATION
2120 MONTANA STREET, OAKLAND, CALIFORNIA

Well ID	Date	TPHg (µg/L)	B (µg/L)	T (µg/L)	E (µg/L)	X (µg/L)	MTBE (µg/L)	TBA (µg/L)	DIPE (µg/L)	ETBE (µg/L)	TAME (µg/L)	TOC (ft MSL)	Depth to Water (ft TOC)	GW Elevation (ft MSL)	SPH Thickness (ft)
MW-1	03/19/2001	---	---	---	---	---	---	---	---	---	---	159.59	12.14	147.45	---
MW-1	03/23/2001	16,600	753	1,720	407	2,330	27,500	---	---	---	---	159.59	12.25	147.34	---
MW-1	05/31/2001	<20,000	1,000	920	490	2,000	54,000	---	---	---	---	159.59	12.22	147.37	---
MW-1	06/27/2001	---	---	---	---	---	---	---	---	---	---	159.59	13.00 a	---	---
MW-1	07/09/2001	---	---	---	---	---	---	---	---	---	---	159.59	13.17	146.67	0.31
MW-1	09/25/2001	---	---	---	---	---	---	---	---	---	---	159.59	14.27	145.66	0.43
MW-1	11/20/2001	---	---	---	---	---	---	---	---	---	---	159.59	13.49	146.14	0.05
MW-1	12/05/2001	---	---	---	---	---	---	---	---	---	---	159.59	11.32	148.31	0.05
MW-1	03/01/2002	---	---	---	---	---	---	---	---	---	---	159.59	13.22	146.56	0.24
MW-1	06/06/2002	---	---	---	---	---	---	---	---	---	---	159.59	12.99	147.00	0.50
MW-1	07/16/2002	---	---	---	---	---	---	---	---	---	---	159.59	13.37	146.22	---
MW-1	09/06/2002	---	---	---	---	---	---	---	---	---	---	159.57	13.30	146.70	0.54
MW-1	12/12/2002	---	---	---	---	---	---	---	---	---	---	159.57	13.78	146.61	1.03
MW-1	03/31/2003	---	---	---	---	---	---	---	---	---	---	159.57	11.21	148.38	0.03
MW-1	06/30/2003	7,800	<25	37	<25	380	2,000	---	---	---	---	159.57	12.20	147.37	---
MW-1	09/09/2003	---	---	---	---	---	---	---	---	---	---	159.08	15.70	145.28	2.38
MW-1	12/29/2003	---	---	---	---	---	---	---	---	---	---	159.08	11.25	147.89	0.07
MW-1	03/17/2004	---	---	---	---	---	---	---	---	---	---	159.08	11.80	147.40	0.15
MW-1	05/24/2004	---	---	---	---	---	---	---	---	---	---	159.08	12.42	146.71	0.06
MW-1	09/17/2004	8,000	530	380	330	960	1,100	4,100	<20	<20	<20	159.08	15.95	143.13	---
MW-1	12/06/2004	2,800	150	<5.0	120	120	300	---	---	---	---	159.08	13.15	145.93	---
MW-1	03/02/2005	13,000	490	710	360	2,200	5,000	---	---	---	---	159.08	12.14	146.94	---
MW-1	06/10/2005	5,600	210	120	120	910	3,100	---	---	---	---	159.08	---	---	<0.01
MW-1	09/01/2005	<1,300	73	<13	30	42	2,400	13,000	<50	<50	<50	159.08	11.71	147.37	---
MW-1	11/16/2005	4,150	62.7	10.9	45.2	98.9	845	---	---	---	---	159.08	11.71	147.37	---
MW-1 c	03/03/2006	<50.0	<0.500	<0.500	<0.500	<0.500	0.790	<10.0	---	---	---	159.08	13.37	145.71	---
MW-1	05/12/2006	3,430	80.0	0.530	26.8	71.9	154	1,040	---	---	---	159.08	17.41	141.67	---
MW-1	09/05/2006	5,390	24.8	2.44	6.69	22.2	106	4,860	<0.500	<0.500	<0.500	159.08	12.12	146.96	---
MW-1	12/18/2006	6,800	120	28	110	840	1,100	5,400	---	---	---	159.08	10.74	148.34	---
MW-1	03/21/2007	Well inaccessible		---	---	---	---	---	---	---	---	159.08	---	---	---

GROUNDWATER DATA
SHELL-BRANDED SERVICE STATION
2120 MONTANA STREET, OAKLAND, CALIFORNIA

Well ID	*Date*	*TPHg (µg/L)*	*B (µg/L)*	*T (µg/L)*	*E (µg/L)*	*X (µg/L)*	*MTBE (µg/L)*	*TBA (µg/L)*	*DIPE (µg/L)*	*ETBE (µg/L)*	*TAME (µg/L)*	*TOC (ft MSL)*	*Depth to Water (ft TOC)*	*GW Elevation (ft MSL)*	*SPH Thickness (ft)*
MW-1	06/14/2007	6,200	18	<5.0	11	4.6 e	68	1,800	---	---	---	159.08	19.82	139.26	---
MW-1	08/27/2007	2,700 f	13	<5.0	3.9 e	5.6 e	54	1,200	<10	<10	<10	159.08	12.20	146.88	---
MW-1	11/29/2007	2,600 f	20	1.9 e	8.3	29.4	350	4,100	---	---	---	159.08	11.68	147.40	---
MW-1	03/21/2008	4,600	42	<5.0	120	94	300	3,200	---	---	---	159.08	11.59	147.49	---
MW-1	05/29/2008	1,800	11	<5.0	<5.0	<5.0	150	3,900	---	---	---	159.08	11.87	147.21	---
MW-1	08/29/2008	2,400	42	<5.0	23	<5.0	320	4,700	<10	<10	<10	159.08	12.33	146.75	---
MW-1	12/29/2008	2,700	30	<5.0	28	45	460	3,300	---	---	---	159.08	11.21	147.87	---
MW-1	03/05/2009	2,000	15	<5.0	<5.0	66	83	980	---	---	---	159.08	8.98	150.10	---
MW-1	05/27/2009	2,100	25	<1.0	69	52	220	2,500	---	---	---	159.08	11.71	147.37	---
MW-1	12/28/2009	1,500	8.5	<2.0	8.8	7.4	140	1,800	<4.0	<4.0	<4.0	159.08	11.13	147.95	---
MW-1	06/02/2010	2,100	22	<2.0	73	51	140	2,600	---	---	---	159.08	11.10	147.98	---
MW-1	12/28/2010	3,700	26	<2.0	69	260	100	1,400	<4.0	<4.0	<4.0	159.08	9.95	149.13	---
MW-1	06/20/2011	2,000	11	<0.50	93	120	64	1,400	---	---	---	159.08	11.40	147.68	---
MW-1	12/13/2011	1,100	1.14	<0.500	2.55	3.58	36.0	530	<0.500	<0.500	<0.500	159.08	12.17	146.91	---
MW-1	05/30/2012	870	1.8	<1.0	9.9	5.7	25	810	---	---	---	159.08	11.56	147.52	---
MW-1	02/20/2013	270	<0.50	<0.50	<0.50	<1.0	3.7	200	<0.50	<0.50	<0.50	159.08	11.28	147.80	---
MW-1	**06/07/2013**	**240**	**<1.0**	**<1.0**	**<1.0**	**<2.0**	**4.3**	**280**	**---**	**---**	**---**	**159.08**	**11.74**	**147.34**	**---**
MW-2	03/19/2001	---	---	---	---	---	---	---	---	---	---	158.03	11.60	146.43	---
MW-2	03/23/2001	4,450	280	41.0	62.1	63.0	16,600	---	---	---	---	158.03	11.76	146.27	---
MW-2	05/31/2001	<20,000	820	<200	<200	<200	63,000	---	---	---	---	158.03	11.40	146.63	---
MW-2	06/27/2001	<50,000	610	4.0	13	9.2	47,000	---	---	---	---	158.03	12.65	145.38	---
MW-2	09/25/2001	<2,000	41	<20	<20	<20	6,400	---	---	---	---	158.03	12.89	145.14	---
MW-2	12/05/2001	<2,000	74	<20	<20	<20	8,400	---	---	---	---	158.03	10.40	147.63	---
MW-2	03/01/2002	<1,000	<10	<10	<10	<10	2,900	---	---	---	---	158.03	11.52	146.51	---
MW-2	06/06/2002	<5,000	210	<50	<50	<50	23,000	---	---	---	---	158.03	12.15	145.88	---
MW-2	07/16/2002	---	---	---	---	---	---	---	---	---	---	158.03	12.25	145.78	---
MW-2	09/06/2002	<2,000	56	<20	<20	<20	11,000	---	---	---	---	158.01	12.44	145.57	---
MW-2	12/12/2002	<2,500	80	<25	<25	<25	13,000	---	---	---	---	158.01	12.53	145.48	---
MW-2	03/31/2003	<5,000	230	1,200	95	150	13,000	---	---	---	---	158.01	11.98	146.03	---

GROUNDWATER DATA
SHELL-BRANDED SERVICE STATION
2120 MONTANA STREET, OAKLAND, CALIFORNIA

Well ID	*Date*	*TPHg (µg/L)*	*B (µg/L)*	*T (µg/L)*	*E (µg/L)*	*X (µg/L)*	*MTBE (µg/L)*	*TBA (µg/L)*	*DIPE (µg/L)*	*ETBE (µg/L)*	*TAME (µg/L)*	*TOC (ft MSL)*	*Depth to Water (ft TOC)*	*GW Elevation (ft MSL)*	*SPH Thickness (ft)*
MW-2	06/30/2003	<12,000	780	<120	170	250	9,000	---	---	---	---	158.01	12.10	145.91	---
MW-2	09/09/2003	140,000	4,600	40,000	4,800	32,000	11,000	---	---	---	---	158.01	12.94	145.07	---
MW-2	12/29/2003	220,000	240	4,800	2,900	19,000	1,000	---	---	---	---	158.01	11.20	146.81	---
MW-2	03/17/2004	25,000	170	390	280	1,400	1,500	---	---	---	---	158.01	11.40	146.61	---
MW-2	05/24/2004	140,000	<25	220	1,200	6,800	320	---	---	---	---	158.01	12.28	145.73	---
MW-2	09/17/2004	64,000	2,900	230	2,300	9,700	6,300	4,100	<100	<100	<100	158.01	12.90	145.11	---
MW-2	12/06/2004	47,000	1,200	46	1,300	6,000	3,900	---	---	---	---	158.01	13.02	144.99	---
MW-2	03/02/2005	85,000	1,600	81	1,900	6,900	2,500	---	---	---	---	158.01	11.06	146.95	---
MW-2	06/10/2005	100,000	450	<25	440	800	300	---	---	---	---	158.01	11.71	146.30	---
MW-2	09/01/2005	140,000 g	490	<25	550	850	110	1,900	<100	<100	<100	158.01	12.11	145.90	---
MW-2	11/16/2005	473,000 d	776	18.7	1,300	2,730	374	---	---	---	---	158.01	12.15	145.86	---
MW-2 c	03/03/2006	4,830	6.25	2.29	14.6	5.45	106	228	---	---	---	158.01	11.40	146.61	---
MW-2	05/12/2006	7,610	1,200	27.9	858	396	688	681	---	---	---	158.01	14.22	143.79	---
MW-2	09/05/2006	84,000	683	10.2	314	300	96.7	1,250	<0.500	<0.500	<0.500	158.01	12.20	145.81	---
MW-2	12/18/2006	19,000	230	6.2	130	64	94	1,600	---	---	---	158.01	11.03	146.98	---
MW-2	03/21/2007	30,000	380	31	460	290	95	1,700	---	---	---	158.01	11.75	146.26	---
MW-2	06/14/2007	Well inaccessible		---	---	---	---	---	---	---	---	158.01	---	---	---
MW-2	08/27/2007	83,000 f	220	8.7 e	99	24.5 e	<10	980	<20	<20	<20	158.01	12.54	145.47	---
MW-2	11/29/2007	23,000 f	28	<10	20	<10	<10	1,200	---	---	---	158.01	11.77	146.24	---
MW-2	03/21/2008	Well inaccessible		---	---	---	---	---	---	---	---	158.01	---	---	---
MW-2	05/29/2008	14,000	130	14	78	6.8	130	1,000	---	---	---	158.01	12.11	145.90	---
MW-2	08/29/2008	14,000	120	10	23	6.6	60	810	<10	<10	<10	158.01	12.32	145.69	---
MW-2	12/29/2008	33,000	110	<10	15	<10	58	890	---	---	---	158.01	11.61	146.40	---
MW-2	03/05/2009	22,000	250	55	130	60	130	1,200	---	---	---	158.01	9.60	148.41	---
MW-2	05/27/2009	11,000	150	20	110	49	110	740	---	---	---	158.01	12.08	145.93	---
MW-2	12/28/2009	20,000	120	9.5	16	11	85	720	<10	<10	<10	158.01	11.79	146.22	---
MW-2	06/02/2010	59,000	100	<20	36	<20	75	600	---	---	---	158.01	11.92	146.09	---
MW-2	12/28/2010	9,100	120	8.9	52	26	50	700	<10	<10	<10	158.01	10.84	147.17	---
MW-2	06/20/2011	12,000	36	8.8	28	21	68	570	---	---	---	158.01	12.34	145.67	---
MW-2	12/13/2011	6,000	21.9	2.15	2.98	4.19	27.6	307	<0.500	<0.500	<0.500	158.01	12.88	145.13	---

GROUNDWATER DATA
SHELL-BRANDED SERVICE STATION
2120 MONTANA STREET, OAKLAND, CALIFORNIA

Well ID	*Date*	*TPHg (µg/L)*	*B (µg/L)*	*T (µg/L)*	*E (µg/L)*	*X (µg/L)*	*MTBE (µg/L)*	*TBA (µg/L)*	*DIPE (µg/L)*	*ETBE (µg/L)*	*TAME (µg/L)*	*TOC (ft MSL)*	*Depth to Water (ft TOC)*	*GW Elevation (ft MSL)*	*SPH Thickness (ft)*
MW-2	05/30/2012	6,100	40	13	14	29	<5.0	550	---	---	---	158.01	12.71	145.30	---
MW-2	02/20/2013	5,300	34	6.7	16	28	22	380	<1.3	<1.3	<1.3	158.01	12.03	145.98	---
MW-2	**06/07/2013**	**8,000**	**<5.0**	**<5.0**	**<5.0**	**<10**	**9.3**	**280**	**---**	**---**	**---**	**158.01**	**12.46**	**145.55**	**---**
MW-3	03/19/2001	---	---	---	---	---	---	---	---	---	---	161.13	11.42	149.71	---
MW-3	03/23/2001	<50.0	<0.500	<0.500	<0.500	<0.500	1.26	---	---	---	---	161.13	11.42	149.71	---
MW-3	05/31/2001	<50	<0.50	<0.50	<0.50	<0.50	<5.0	---	---	---	---	161.13	13.00	148.13	---
MW-3	06/27/2001	<50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---	161.13	12.32	148.81	---
MW-3	09/25/2001	<50	<0.50	<0.50	<0.50	<0.50	<0.50	---	---	---	---	161.13	12.50	148.63	---
MW-3	12/05/2001	<50	<0.50	<0.50	<0.50	<0.50	<5.0	---	---	---	---	161.13	10.13	151.00	---
MW-3	03/01/2002	<50	<0.50	<0.50	<0.50	0.73	<5.0	---	---	---	---	161.13	11.63	149.50	---
MW-3	06/06/2002	<50	<0.50	<0.50	<0.50	<0.50	<5.0	---	---	---	---	161.13	11.55	149.58	---
MW-3	07/16/2002	---	---	---	---	---	---	---	---	---	---	161.13	11.72	149.41	---
MW-3	09/06/2002	<50	<0.50	<0.50	<0.50	<0.50	<5.0	---	---	---	---	161.11	12.24	148.87	---
MW-3	12/12/2002	<50	<0.50	<0.50	<0.50	<0.50	<5.0	---	---	---	---	161.11	12.18	148.93	---
MW-3	03/31/2003	<50	<0.50	<0.50	<0.50	<1.0	0.78	---	---	---	---	161.11	11.94	149.17	---
MW-3	06/30/2003	<50	<0.50	<0.50	<0.50	<1.0	<0.50	---	---	---	---	161.11	12.50	148.61	---
MW-3	09/09/2003	<50	<0.50	<0.50	<0.50	<1.0	<0.50	---	---	---	---	161.11	12.55	148.56	---
MW-3	12/29/2003	<50	<0.50	<0.50	<0.50	<1.0	0.70	---	---	---	---	161.11	10.90	150.21	---
MW-3	03/17/2004	<50	<0.50	<0.50	<0.50	<1.0	2.1	---	---	---	---	161.11	11.63	149.48	---
MW-3	05/24/2004	<50	<0.50	<0.50	<0.50	1.0	0.96	---	---	---	---	161.11	11.32	149.79	---
MW-3	09/17/2004	<50	<0.50	<0.50	<0.50	1.0	2.6	<5.0	<2.0	<2.0	<2.0	161.11	12.13	148.98	---
MW-3	12/06/2004	<50	<0.50	<0.50	<0.50	<1.0	6.1	---	---	---	---	161.11	12.28	148.83	---
MW-3	03/02/2005	<50	<0.50	<0.50	<0.50	<1.0	2.4	---	---	---	---	161.11	10.42	150.69	---
MW-3	06/10/2005	<50	<0.50	<0.50	<0.50	<1.0	1.6	---	---	---	---	161.11	11.15	149.96	---
MW-3	09/01/2005	<50	<0.50	<0.50	<0.50	<1.0	0.54	<5.0	<2.0	<2.0	<2.0	161.11	12.55	148.56	---
MW-3	11/16/2005	<50.0	<0.500	<0.500	<0.500	<0.500	0.570	---	---	---	---	161.11	12.04	149.07	---
MW-3 c	03/03/2006	16,000 d	191	107 d	127	997 d	1,090 d	---	---	---	---	161.11	10.36	150.75	---
MW-3	05/12/2006	<50.0	<0.500	<0.500	<0.500	<0.500	1.45	---	---	---	---	161.11	12.24	148.87	---
MW-3	09/05/2006	<50.0	<0.500	<0.500	<0.500	<0.500	1.62	<10.0	<0.500	<0.500	<0.500	161.11	12.52	148.59	---

TABLE 1

GROUNDWATER DATA
SHELL-BRANDED SERVICE STATION
2120 MONTANA STREET, OAKLAND, CALIFORNIA

Well ID	*Date*	*TPHg (µg/L)*	*B (µg/L)*	*T (µg/L)*	*E (µg/L)*	*X (µg/L)*	*MTBE (µg/L)*	*TBA (µg/L)*	*DIPE (µg/L)*	*ETBE (µg/L)*	*TAME (µg/L)*	*TOC (ft MSL)*	*Depth to Water (ft TOC)*	*GW Elevation (ft MSL)*	*SPH Thickness (ft)*
MW-3	12/18/2006	<50	<0.50	<0.50	<0.50	<1.0	0.88	---	---	---	---	161.11	11.00	150.11	---
MW-3	03/21/2007	<50	<0.50	<0.50	<0.50	<1.0	<1.0	---	---	---	---	161.11	12.10	149.01	---
MW-3	06/14/2007	100	<0.50	<1.0	<1.0	<1.0	2.4	---	---	---	---	161.11	12.08	149.03	---
MW-3	08/27/2007	<50 f	<0.50	<1.0	<1.0	<1.0	1.3	<10	<2.0	<2.0	<2.0	161.11	12.54	148.57	---
MW-3	11/29/2007	<50 f	<0.50	<1.0	<1.0	<1.0	0.52 e	---	---	---	---	161.11	12.09	149.02	---
MW-3	03/21/2008	<50	<0.50	<1.0	<1.0	<1.0	<1.0	---	---	---	---	161.11	12.20	148.91	---
MW-3	05/29/2008	<50	<0.50	<1.0	<1.0	<1.0	<1.0	---	---	---	---	161.11	12.12	148.99	---
MW-3	08/29/2008	<50	<0.50	<1.0	<1.0	<1.0	<1.0	<10	<2.0	<2.0	<2.0	161.11	12.49	148.62	---
MW-3	12/29/2008	<50	<0.50	<1.0	<1.0	<1.0	<1.0	---	---	---	---	161.11	11.40	149.71	---
MW-3	03/05/2009	<50	<0.50	<1.0	<1.0	<1.0	<1.0	---	---	---	---	161.11	9.50	151.61	---
MW-3	05/27/2009	<50	<0.50	<1.0	<1.0	<1.0	<1.0	---	---	---	---	161.11	11.83	149.28	---
MW-3	12/28/2009	<50	<0.50	<1.0	<1.0	<1.0	<1.0	<10	<2.0	<2.0	<2.0	161.11	11.68	149.43	---
MW-3	06/02/2010	<50	<0.50	<1.0	<1.0	<1.0	<1.0	---	---	---	---	161.11	11.71	149.40	---
MW-3	12/28/2010	<50	<0.50	<1.0	<1.0	<1.0	<1.0	<10	<2.0	<2.0	<2.0	161.11	10.80	150.31	---
MW-3	06/20/2011	<50	<0.50	<0.50	<0.50	<1.0	<1.0	---	---	---	---	161.11	11.95	149.16	---
MW-3	12/13/2011	<50	<0.500	<0.500	<0.500	<0.500	<0.500	<10.0	<0.500	<0.500	<0.500	161.11	12.00	149.11	---
MW-3	05/30/2012	<50	<0.50	<0.50	<0.50	<1.0	<0.50	---	---	---	---	161.11	12.22	148.89	---
MW-3	02/20/2013	<50	<0.50	<0.50	<0.50	<1.0	<0.50	<10	<0.50	<0.50	<0.50	161.11	11.74	149.37	---
MW-3	**06/07/2013**	**<50**	**<0.50**	**<0.50**	**<0.50**	**<1.0**	**<0.50**	**---**	**---**	**---**	**---**	**161.11**	**11.85**	**149.26**	**---**
MW-4	07/10/2002	---	---	---	---	---	---	---	---	---	---	---	13.19	---	---
MW-4	07/16/2002	800	1.1	1.1	2.6	2.4	450	---	---	---	---	---	13.56	---	---
MW-4	09/06/2002	1,100	3.0	1.8	8.0	4.6	110	---	---	---	---	160.09	13.67	146.42	---
MW-4	12/12/2002	130	<0.50	<0.50	<0.50	<0.50	940	---	---	---	---	160.09	14.06	146.03	---
MW-4	03/31/2003	<250	<2.5	<2.5	<2.5	<5.0	500	---	---	---	---	160.09	13.69	146.40	---
MW-4	06/30/2003	3,100	5.3	<5.0	7.1	<10	420	---	---	---	---	160.09	14.12	145.97	---
MW-4	09/09/2003	1,400	2.4	2.0	2.6	3.2	140	---	---	---	---	160.09	14.92	145.17	---
MW-4	12/29/2003	2,700	10	6.2	20	11	420	---	---	---	---	160.09	12.71	147.38	---
MW-4	03/17/2004	1,900	6.9	3.0	33	22	290	---	---	---	---	160.09	13.24	146.85	---
MW-4	05/24/2004	1,800	<2.5	<2.5	<2.5	11	44	---	---	---	---	160.09	14.03	146.06	---

GROUNDWATER DATA
SHELL-BRANDED SERVICE STATION
2120 MONTANA STREET, OAKLAND, CALIFORNIA

Well ID	Date	TPHg (µg/L)	B (µg/L)	T (µg/L)	E (µg/L)	X (µg/L)	MTBE (µg/L)	TBA (µg/L)	DIPE (µg/L)	ETBE (µg/L)	TAME (µg/L)	TOC (ft MSL)	Depth to Water (ft TOC)	GW Elevation (ft MSL)	SPH Thickness (ft)
MW-4	09/17/2004	3,300	57	10	47	32	310	700	<10	<10	<10	160.09	13.58	146.51	---
MW-4	12/06/2004	4,700	9.4	3.8	34	12	150	---	---	---	---	160.09	14.65	145.44	---
MW-4	03/02/2005	<1,300	<13	<13	<13	<25	150	---	---	---	---	160.09	12.67	147.42	---
MW-4	06/10/2005	2,600	4.1	1.9	25	5.6	61	---	---	---	---	160.09	13.11	146.98	---
MW-4	09/01/2005	4,000 g	<13	<13	22	<25	36	<130	<50	<50	<50	160.09	14.00	146.09	---
MW-4	11/16/2005	4,740	3.23	1.75	12.8	6.06	12.2	---	---	---	---	160.09	13.87	146.22	---
MW-4 c	03/03/2006	79,300 d	649 d	37.2	470 d	326	577 d	---	---	---	---	160.09	12.80	147.29	---
MW-4	05/12/2006	2,750	8.03	<0.500	<0.500	<0.500	244	---	---	---	---	160.09	16.26	143.83	---
MW-4	09/05/2006	2,230	2.04	1.24	<0.500	1.50	95.9	239	<0.500	<0.500	<0.500	160.09	13.92	146.17	---
MW-4	12/18/2006	1,400	4.3	1.7	7.3	2.8	140	---	---	---	---	160.09	12.71	147.38	---
MW-4	03/21/2007	540	0.68	0.51	4.0	<1.0	140	---	---	---	---	160.09	13.35	146.74	---
MW-4	06/14/2007	---	---	---	---	---	---	---	---	---	---	160.09	19.02	141.07	---
MW-4	08/27/2007	880 f,g	0.38 e	<1.0	<1.0	<1.0	8.5	98	<2.0	<2.0	<2.0	160.09	13.92	146.17	---
MW-4	11/29/2007	3,200 f	1.9	1.2	1.9	2.55 e	<1.0	---	---	---	---	160.09	13.50	146.59	---
MW-4	03/21/2008	350	<0.50	<1.0	<1.0	<1.0	8.2	---	---	---	---	160.09	13.45	146.64	---
MW-4	05/29/2008	1,800	1.6	<1.0	1.8	1.5	13	---	---	---	---	160.09	13.73	146.36	---
MW-4	08/29/2008	1,300	1.5	<1.0	1.2	1.3	13	54	<2.0	<2.0	<2.0	160.09	14.08	146.01	---
MW-4	12/29/2008	1,700	1.8	1.4	2.3	1.6	8.9	---	---	---	---	160.09	13.13	146.96	---
MW-4	03/05/2009	1,800	1.6	<1.0	<1.0	<1.0	16	---	---	---	---	160.09	11.12	148.97	---
MW-4	05/27/2009	2,000	4.6	1.8	3.5	2.2	28	---	---	---	---	160.09	13.35	146.74	---
MW-4	12/28/2009	1,100	0.66	<1.0	<1.0	<1.0	7.4	72	<2.0	<2.0	<2.0	160.09	13.35	146.74	---
MW-4	06/02/2010	1,400	1.5	<1.0	1.8	1.0	8.6	---	---	---	---	160.09	13.33	146.76	---
MW-4	12/28/2010	1,100	<0.50	<1.0	<1.0	<1.0	5.8	50	<2.0	<2.0	<2.0	160.09	12.38	147.71	---
MW-4	06/20/2011	90	<0.50	<0.50	<0.50	<1.0	2.8	---	---	---	---	160.09	13.87	146.22	---
MW-4	12/13/2011	290	<0.500	<0.500	<0.500	<0.500	<0.500	<10.0	<0.500	<0.500	<0.500	160.09	14.04	146.05	---
MW-4	05/30/2012	110	<0.50	<0.50	<0.50	<1.0	5.0	---	---	---	---	160.09	12.77	147.32	---
MW-4	02/20/2013	86	<0.50	<0.50	<0.50	<1.0	1.3	590	<0.50	<0.50	<0.50	160.09	13.60	146.49	---
MW-4	**06/07/2013**	**50**	**<0.50**	**<0.50**	**<0.50**	**<1.0**	**1.7**	**---**	**---**	**---**	**---**	**160.09**	**14.00**	**146.09**	**---**
MW-5	07/10/2002	---	---	---	---	---	---	---	---	---	---	---	12.22	---	---

TABLE 1

GROUNDWATER DATA
SHELL-BRANDED SERVICE STATION
2120 MONTANA STREET, OAKLAND, CALIFORNIA

Well ID	*Date*	*TPHg (µg/L)*	*B (µg/L)*	*T (µg/L)*	*E (µg/L)*	*X (µg/L)*	*MTBE (µg/L)*	*TBA (µg/L)*	*DIPE (µg/L)*	*ETBE (µg/L)*	*TAME (µg/L)*	*TOC (ft MSL)*	*Depth to Water (ft TOC)*	*GW Elevation (ft MSL)*	*SPH Thickness (ft)*
MW-5	07/16/2002	6,100	65	7.2	100	130	410	---	---	---	---	---	12.50	---	---
MW-5	09/06/2002	5,900	100	8.1	41	32	230	---	---	---	---	158.25	12.77	145.48	---
MW-5	12/12/2002	4,900	70	5.7	25	17	280	---	---	---	---	158.25	12.71	145.54	---
MW-5	03/31/2003	6,400	61	4.9	23	13	330	---	---	---	---	158.25	11.93	146.32	---
MW-5	06/30/2003	3,400	18	<2.5	17	5.5	47	---	---	---	---	158.25	11.97	146.28	---
MW-5	09/09/2003	6,800	46	23	39	42	67	---	---	---	---	158.25	12.44	145.81	---
MW-5	12/29/2003	8,400	44	6.2	36	16	60	---	---	---	---	158.25	11.38	146.87	---
MW-5	03/17/2004	7,100	120	22	42	27	300	---	---	---	---	158.25	11.68	146.57	---
MW-5	05/24/2004	6,100	72	17	34	23	110	---	---	---	---	158.25	12.30	145.95	---
MW-5	09/17/2004	5,700	27	5.3	35	<10	28	<50	<20	<20	<20	158.25	12.15	146.10	---
MW-5	12/06/2004	4,500	11	<5.0	22	<10	7.5	---	---	---	---	158.25	12.85	145.40	---
MW-5	03/02/2005	6,500	14	<2.5	18	<5.0	6.0	---	---	---	---	158.25	10.83	147.42	---
MW-5	06/10/2005	5,300	19	2.4	17	4.3	7.2	---	---	---	---	158.25	12.00	146.25	---
MW-5	09/01/2005	1,900 g	5.3	<2.5	6.9	<5.0	<2.5	<25	<10	<10	<10	158.25	12.30	145.95	---
MW-5	11/16/2005	3,590	4.66	0.580	7.69	1.45	1.13	---	---	---	---	158.25	12.58	145.67	---
MW-5	03/03/2006	5,760	7.08	0.960	8.46	2.18	2.65	---	---	---	---	158.25	11.15	147.10	---
MW-5	05/12/2006	1,960	3.66	<0.500	1.03	<0.500	1.45	---	---	---	---	158.25	12.55	145.70	---
MW-5	09/05/2006	3,730	4.23	0.780	3.19	0.790	1.77	32.9	<0.500	<0.500	<0.500	158.25	12.70	145.55	---
MW-5	12/18/2006	1,600	5.1	0.66	6.0	3.3	<0.50	---	---	---	---	158.25	11.40	146.85	---
MW-5	03/21/2007	210	1.7	<0.50	<0.50	<1.0	<1.0	---	---	---	---	158.25	12.17	146.08	---
MW-5	06/14/2007	2,300	1.5	<1.0	0.43 e	<1.0	<1.0	---	---	---	---	158.25	13.50	144.75	---
MW-5	08/27/2007	2,500 f,g	3.2	0.41 e	2.8	2.48 e	<1.0	6.8 e	<2.0	<2.0	<2.0	158.25	12.55	145.70	---
MW-5	11/29/2007	2,300 f	7.8	0.45 e	0.75 e	0.60 e	<1.0	---	---	---	---	158.25	11.97	146.28	---
MW-5	03/21/2008	1,400	24	5.5	1.8	2.2	6.6	---	---	---	---	158.25	11.70	146.55	---
MW-5	05/29/2008	1,400	33	2.9	<1.0	3.2	6.9	---	---	---	---	158.25	12.27	145.98	---
MW-5	08/29/2008	960	14	<1.0	<1.0	1.4	4.3	<10	<2.0	<2.0	<2.0	158.25	12.46	145.79	---
MW-5	12/29/2008	1,200	12	<1.0	<1.0	<1.0	<1.0	---	---	---	---	158.25	11.80	146.45	---
MW-5	03/05/2009	1,900	24	2.9	3.7	7.9	<1.0	---	---	---	---	158.25	9.82	148.43	---
MW-5	05/27/2009	1,400	23	1.7	2.0	4.9	4.4	---	---	---	---	158.25	12.34	145.91	---
MW-5	12/28/2009	980	7.5	<1.0	<1.0	<1.0	2.3	<10	<2.0	<2.0	<2.0	158.25	12.18	146.07	---

GROUNDWATER DATA
SHELL-BRANDED SERVICE STATION
2120 MONTANA STREET, OAKLAND, CALIFORNIA

Well ID	*Date*	*TPHg (µg/L)*	*B (µg/L)*	*T (µg/L)*	*E (µg/L)*	*X (µg/L)*	*MTBE (µg/L)*	*TBA (µg/L)*	*DIPE (µg/L)*	*ETBE (µg/L)*	*TAME (µg/L)*	*TOC (ft MSL)*	*Depth to Water (ft TOC)*	*GW Elevation (ft MSL)*	*SPH Thickness (ft)*
MW-5	06/02/2010	1,200	12	<1.0	<1.0	3.1	<1.0	---	---	---	---	158.25	12.04	146.21	---
MW-5	12/28/2010	970	5.5	<1.0	<1.0	<1.0	1.3	<10	<2.0	<2.0	<2.0	158.25	11.11	147.14	---
MW-5	06/20/2011	1,400	9.4	0.90	0.99	3.6	2.6	---	---	---	---	158.25	12.54	145.71	---
MW-5	12/13/2011	1,500	6.41	0.640	0.610	1.76	2.53	<10.0	<0.500	<0.500	<0.500	158.25	13.00	145.25	---
MW-5	05/30/2012	1,000	3.5	0.66	0.82	<1.0	2.0	---	---	---	---	158.25	12.74	145.51	---
MW-5	02/20/2013	1,700	3.9	0.79	0.85	1.2	2.1	<10	<0.50	<0.50	<0.50	158.25	12.39	145.86	---
MW-5	**06/07/2013**	**800**	**1.6**	**<0.50**	**<0.50**	**<1.0**	**1.2**	**---**	**---**	**---**	**---**	**158.25**	**12.55**	**145.70**	**---**
TBW-N	09/25/2001 b	120,000	3,200	2,800	4,000	18,000	31,000	---	---	---	---	---	12.25	---	---
TBW-N	11/20/2001	72,000	2,200	3,600	2,600	14,000	35,000	---	---	---	---	---	12.13	---	---
TBW-N	12/05/2001	76,000	1,600	3,200	2,900	15,000	30,000	---	---	---	---	---	11.51	---	---
TBW-N	03/01/2002	91,000	1,200	4,200	2,800	14,000	29,000	---	---	---	---	---	11.88	---	---
TBW-N	06/06/2002	100,000	2,100	8,200	3,400	17,000	18,000	---	---	---	---	---	12.48	---	---
TBW-N	07/16/2002	---	---	---	---	---	---	---	---	---	---	---	12.39	---	---
TBW-N	09/06/2002	69,000	870	4,800	2,300	11,000	17,000	---	---	---	---	161.26	12.36	148.90	---
TBW-N	12/12/2002	Well inaccessible		---	---	---	---	---	---	---	---	161.26	---	---	---
TBW-N	12/19/2002	110,000	1,900	13,000	3,100	18,000	19,000	---	---	---	---	161.26	10.82	150.44	---
TBW-N	03/31/2003	62,000	1,600	6,500	2,200	11,000	11,000	---	---	---	---	161.26	10.63	150.63	---
TBW-N	06/30/2003	260,000	7,700	<120	5,800	40,000	8,400	---	---	---	---	161.26	11.51	149.75	---
TBW-N	09/09/2003	---	---	---	---	---	---	---	---	---	---	159.92	11.37	148.64	0.11
TBW-N	12/29/2003	130,000	840	8,200	2,400	18,000	5,400	---	---	---	---	159.92	10.40	149.52	---
TBW-N	03/17/2004	32,000	440	1,500	580	4,500	3,700	---	---	---	---	159.92	10.49	149.44	0.01
TBW-N	05/24/2004	110,000	380	2,600	1,600	11,000	3,100	---	---	---	---	159.92	10.72	149.20	---
TBW-N	09/17/2004	25,000	120	490	570	3,900	490	4,500	<200	<200	<200	159.92	10.80	149.12	---
TBW-N	12/06/2004	15,000	33	11	410	1,500	200	---	---	---	---	159.92	11.00	148.92	---
TBW-N	03/02/2005	7,900	15	<10	120	610	460	---	---	---	---	159.92	10.58	149.34	---
TBW-N	06/10/2005	1,200	<5.0	<5.0	13	25	93	---	---	---	---	159.92	10.68	149.24	---
TBW-N	09/01/2005	3,500 g	<10	<10	86	330	47	1,700	<40	<40	<40	159.92	11.05	148.87	---
TBW-N	11/16/2005	8,830	1.53	1.59	86.6	404	35.0	---	---	---	---	159.92	10.95	148.97	---
TBW-N	03/03/2006	955	<0.500	<0.500	1.25	<0.500	70.4	4,930	---	---	---	159.92	10.31	149.61	---

TABLE 1

GROUNDWATER DATA
SHELL-BRANDED SERVICE STATION
2120 MONTANA STREET, OAKLAND, CALIFORNIA

Well ID	*Date*	*TPHg (µg/L)*	*B (µg/L)*	*T (µg/L)*	*E (µg/L)*	*X (µg/L)*	*MTBE (µg/L)*	*TBA (µg/L)*	*DIPE (µg/L)*	*ETBE (µg/L)*	*TAME (µg/L)*	*TOC (ft MSL)*	*Depth to Water (ft TOC)*	*GW Elevation (ft MSL)*	*SPH Thickness (ft)*
TBW-N	05/12/2006	706	<0.500	<0.500	5.81	<0.500	14.5	488	---	---	---	159.92	10.73	149.19	---
TBW-N	09/05/2006	1,230	<0.500	<0.500	6.05	2.68	15.3	265	<0.500	<0.500	<0.500	159.92	11.46	148.46	---
TBW-N	12/18/2006	290	0.68	<0.50	<0.50	<1.0	37	3,400	---	---	---	159.92	10.12	149.80	---
TBW-N	03/21/2007	300	<0.50	<0.50	<0.50	<1.0	15	820	---	---	---	159.92	10.67	149.25	---
TBW-N	06/14/2007	530	<0.50	<1.0	<1.0	<1.0	7.7	240	---	---	---	159.92	11.22	148.70	---
TBW-N	08/27/2007	100 f	0.52	<1.0	<1.0	<1.0	18	40	<2.0	<2.0	<2.0	159.92	11.44	148.48	---
TBW-N	11/29/2007	130 f	0.19 e	<1.0	<1.0	<1.0	7.8	490	---	---	---	159.92	10.58	149.34	---
TBW-N	03/21/2008	56	<0.50	<1.0	<1.0	<1.0	9.3	300	---	---	---	159.92	10.50	149.42	---
TBW-N	05/29/2008	<50	<0.50	<1.0	<1.0	<1.0	4.1	140	---	---	---	159.92	10.66	149.26	---
TBW-N	08/29/2008	54	<0.50	<1.0	<1.0	<1.0	4.3	89	<2.0	<2.0	<2.0	159.92	10.88	149.04	---
TBW-N	12/29/2008	93	<0.50	<1.0	<1.0	<1.0	4.4	740	---	---	---	159.92	10.17	149.75	---
TBW-N	03/05/2009	93	<0.50	<1.0	<1.0	<1.0	6.7	1,900	---	---	---	159.92	8.62	151.30	---
TBW-N	05/27/2009	<250	<2.5	<5.0	<5.0	<5.0	<5.0	160	---	---	---	159.92	10.44	149.48	---
TBW-N	12/28/2009	<50	<0.50	<1.0	<1.0	<1.0	2.5	170	<2.0	<2.0	<2.0	159.92	9.85	150.07	---
TBW-N	06/02/2010	<50	<0.50	<1.0	<1.0	<1.0	2.5	91	---	---	---	159.92	9.76	150.16	---
TBW-N	12/28/2010	63	<0.50	<1.0	<1.0	<1.0	2.6	720	<2.0	<2.0	<2.0	159.92	9.06	150.86	---
TBW-N	06/20/2011	<50	<0.50	<0.50	<0.50	<1.0	1.7	17	---	---	---	159.92	10.00	149.92	---
TBW-N	12/13/2011	<50	<0.500	<0.500	<0.500	<0.500	2.20	<10.0	<0.500	<0.500	<0.500	159.92	9.93	149.99	---
TBW-N	05/30/2012	56	1.1	<0.50	<0.50	1.1	23	18	---	---	---	159.92	10.46	149.46	---
TBW-N	11/13/2012	Well destroyed		---	---	---	---	---	---	---	---	---	---	---	---
EW-1	05/05/2006	---	---	---	---	---	---	---	---	---	---	---	15.42	---	---
EW-1	05/12/2006	5,550	52.9	30.2	86.9	249	939	3,900	<0.500	<0.500	<0.500	---	17.33	---	---
EW-1	09/05/2006	2,700	28.3	1.64	11.8	7.98	325	1,900	<0.500	<0.500	<0.500	158.63	12.44	146.19	---
EW-1	12/18/2006	4,900	140	63	170	790	640	---	---	---	---	158.63	11.00	147.63	---
EW-1	03/21/2007	1,000	32	<2.5	14	48	420	---	---	---	---	158.63	14.61	144.02	---
EW-1	06/14/2007	2,100	14	1.1	5.0	9.3	46	---	---	---	---	158.63	21.00	137.63	---
EW-1	08/27/2007	97 f	<0.50	<1.0	<1.0	0.19 e	3.6	32	<2.0	<2.0	<2.0	158.63	12.80	145.83	---
EW-1	11/29/2007	7,600 f	110	36	190	1,390	470	---	---	---	---	158.63	11.87	146.76	---
EW-1	03/21/2008	7,300	160	14	400	630	640	---	---	---	---	158.63	12.10	146.53	---

TABLE 1

GROUNDWATER DATA
SHELL-BRANDED SERVICE STATION
2120 MONTANA STREET, OAKLAND, CALIFORNIA

Well ID	Date	TPHg (µg/L)	B (µg/L)	T (µg/L)	E (µg/L)	X (µg/L)	MTBE (µg/L)	TBA (µg/L)	DIPE (µg/L)	ETBE (µg/L)	TAME (µg/L)	TOC (ft MSL)	Depth to Water (ft TOC)	GW Elevation (ft MSL)	SPH Thickness (ft)
EW-1	05/29/2008	3,600	93	6.0	190	124	340	---	---	---	---	158.63	12.09	146.54	---
EW-1	08/29/2008	1,100	15	1.5	78	36	48	190	<2.0	<2.0	<2.0	158.63	12.65	145.98	---
EW-1	12/29/2008	3,200	48	4.2	100	240	180	---	---	---	---	158.63	11.45	147.18	---
EW-1	03/05/2009	2,900	58	2.4	130	220	280	---	---	---	---	158.63	8.48	150.15	---
EW-1	05/27/2009	2,300	74	2.1	59	96	160	---	---	---	---	158.63	11.90	146.73	---
EW-1	12/28/2009	2,100	23	<1.0	93	96	94	400	<2.0	<2.0	<2.0	158.63	11.68	146.95	---
EW-1	06/02/2010	1,700	13	<1.0	59	66	51	---	---	---	---	158.63	11.70	146.93	---
EW-1	12/28/2010	2,100	20	<1.0	110	170	45	340	<2.0	<2.0	<2.0	158.63	10.65	147.98	---
EW-1	06/20/2011	890	7.5	<0.50	23	24	31	---	---	---	---	158.63	12.08	146.55	---
EW-1	12/13/2011	850	3.25	<0.500	15.4	9.67	22.4	27.8	<0.500	<0.500	<0.500	158.63	12.62	146.01	---
EW-1	05/30/2012	1,100	4.4	<0.50	13	12	22	---	---	---	---	158.63	12.19	146.44	---
EW-1	02/20/2013	110	<0.50	<0.50	<0.50	<1.0	6.8	71	<0.50	<0.50	<0.50	158.63	11.81	146.82	---
EW-1	**06/07/2013**	**100**	**<0.50**	**<0.50**	**<0.50**	**<1.0**	**4.8**	**---**	**---**	**---**	**---**	**158.63**	**12.32**	**146.31**	**---**
EW-2	05/05/2006	---	---	---	---	---	---	---	---	---	---	---	16.83	---	---
EW-2	05/12/2006	11,400	377	135	335	313	401	1,220	<0.500	<0.500	<0.500	---	15.91	---	---
EW-2	09/05/2006	1,810	41.1	4.52	17.2	74.0	87.8	606	<0.500	<0.500	<0.500	157.51	11.21	146.30	---
EW-2	12/18/2006	3,200	75	33	90	470	130	---	---	---	---	157.51	9.93	147.58	---
EW-2	03/21/2007	61	<0.50	<0.50	<0.50	1.5	18	---	---	---	---	157.51	10.55	146.96	---
EW-2	06/14/2007	570	3.8	<1.0	<1.0	<1.0	10	---	---	---	---	157.51	12.82	144.69	---
EW-2	08/27/2007	320 f	2.6	0.36 e	1.4	6.31 e	10	230	<2.0	<2.0	<2.0	157.51	10.34	147.17	---
EW-2	11/29/2007	72 f	0.83	0.53 e	0.49 e	1.41 e	12	---	---	---	---	157.51	10.80	146.71	---
EW-2	03/21/2008	250	3.5	<1.0	2.7	15.3	62	---	---	---	---	157.51	10.80	146.71	---
EW-2	05/29/2008	280	8.7	1.5	7.8	29.3	46	---	---	---	---	157.51	10.86	146.65	---
EW-2	08/29/2008	<50	<0.50	<1.0	<1.0	<1.0	<1.0	<10	<2.0	<2.0	<2.0	157.51	9.81	147.70	---
EW-2	12/29/2008	760	21	1.4	17	64	37	---	---	---	---	157.51	10.37	147.14	---
EW-2	03/05/2009	260	5.8	<1.0	8.4	30	38	---	---	---	---	157.51	8.35	149.16	---
EW-2	05/27/2009	580	27	2.4	25	79	71	---	---	---	---	157.51	10.83	146.68	---
EW-2	12/28/2009	780	31	1.6	31	67	51	270	<2.0	<2.0	<2.0	157.51	10.55	146.96	---
EW-2	06/02/2010	1,400	45	3.0	110	160	53	---	---	---	---	157.51	10.63	146.88	---

GROUNDWATER DATA
SHELL-BRANDED SERVICE STATION
2120 MONTANA STREET, OAKLAND, CALIFORNIA

Well ID	*Date*	*TPHg (µg/L)*	*B (µg/L)*	*T (µg/L)*	*E (µg/L)*	*X (µg/L)*	*MTBE (µg/L)*	*TBA (µg/L)*	*DIPE (µg/L)*	*ETBE (µg/L)*	*TAME (µg/L)*	*TOC (ft MSL)*	*Depth to Water (ft TOC)*	*GW Elevation (ft MSL)*	*SPH Thickness (ft)*
EW-2	12/28/2010	770	29	1.3	58	82	48	310	<2.0	<2.0	<2.0	157.51	9.57	147.94	---
EW-2	06/20/2011	180	12	<0.50	15	8.3	14	---	---	---	---	157.51	10.98	146.53	---
EW-2	12/13/2011	260	17.4	<0.500	16.3	10.8	12.1	63.3	<0.500	<0.500	<0.500	157.51	11.21	146.30	---
EW-2	05/30/2012	200	8.5	<0.50	9.2	2.3	13	---	---	---	---	157.51	11.23	146.28	---
EW-2	02/20/2013	270	13	<0.50	11	2.7	11	180	<0.50	<0.50	<0.50	157.51	10.70	146.81	---
EW-2	**06/07/2013**	**<50**	**<0.50**	**<0.50**	**<0.50**	**<1.0**	**0.86**	**---**	**---**	**---**	**---**	**157.51**	**11.20**	**146.31**	**---**

Notes:
TPHg = Total petroleum hydrocarbons as gasoline analyzed by EPA Method 8260B; prior to May 31, 2001, analyzed by EPA Method 8015 unless otherwise noted.
BTEX = Benzene, toluene, ethylbenzene, and total xylenes analyzed by EPA Method 8260B; prior to May 31, 2001, analyzed by EPA Method 8020.
MTBE = Methyl tertiary-butyl ether analyzed by EPA Method 8260B
TBA = Tertiary-butyl alcohol analyzed by EPA Method 8260B
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
TOC = Top of casing elevation, in feet relative to mean sea level
GW = Groundwater
SPH = Separate-phase hydrocarbon
µg/L = Micrograms per liter
ft = Feet
MSL = Mean sea level
<x = Not detected at reporting limit x
--- = Not analyzed or available

a = SPHs encountered during purge
b = Sample 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.
c = Several results were above the instrument calibration range and should be considered estimated values. Results from the different VOA vials were not consistent; therefore the highest results were reported.

GROUNDWATER DATA
SHELL-BRANDED SERVICE STATION
2120 MONTANA STREET, OAKLAND, CALIFORNIA

Well ID	*Date*	*TPHg (µg/L)*	*B (µg/L)*	*T (µg/L)*	*E (µg/L)*	*X (µg/L)*	*MTBE (µg/L)*	*TBA (µg/L)*	*DIPE (µg/L)*	*ETBE (µg/L)*	*TAME (µg/L)*	*TOC (ft MSL)*	*Depth to Water (ft TOC)*	*GW Elevation (ft MSL)*	*SPH Thickness (ft)*

d = Concentration exceeds the calibration range and therefore result is semi-quantitative.
e = Analyte was detected at a concentration below the reporting limit and above the laboratory method detection limit. Reported value is estimated.
f = Analyzed by EPA Method 8015B (M).
g = 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.

When SPHs are present, GW elevation is adjusted using the relation:
Corrected GW elevation = TOC - Depth to water + (0.8 x SPH thickness).
Site wells 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.
Wells EW-1 and EW-2 surveyed July 7, 2006 by Virgil Chavez Land Surveying of Vallejo, CA.

APPENDIX A

BLAINE TECH SERVICES, INC. - FIELD NOTES

WELL GAUGING DATA

Project # 130607-CM1 Date 6/7/13 Client SHELL

Site 2120 MONTANA ST, OAKLAND

Well ID	Time	Well Size (in.)	Sheen / Odor	Depth to Immiscible Liquid (ft.)	Thickness of Immiscible Liquid (ft.)	Volume of Immiscibles Removed (ml)	Depth to water (ft.)	Depth to well bottom (ft.)	Survey Point: TOB or TOC	Notes
MW-1	0836	2					11.74	27.05		INTERFACE PROB
MW-2	0935	2					12.46	19.85		TRAFFIC
MW-3	0820	2					11.85	19.98		
MW-4	0825	4					14.00	19.76		
MW-5	0902	2					12.55	19.51		TRAFFIC
TBW-N		UNABLE TO LOCATE								
EW-1	0842	4					12.32	25.80		INTERFACE PROBE
EW-2	0830	4					11.20	26.30		

SHELL WELL MONITORING DATA SHEET

BTS #: 130607-CK	Site: 2120 MONTANA ST, OAKLAND
Sampler: CK	Date: 6/7/13
Well I.D.: MW-1	Well Diameter: (2) 3 4 6 8 ___
Total Well Depth (TD): 27.05	Depth to Water (DTW): 11.74
Depth to Free Product: —	Thickness of Free Product (feet): —
Referenced to: (PVC) Grade	D.O. Meter (if req'd): YSI HACH
DTW with 80% Recharge [(Height of Water Column x 0.20) + DTW]: 14.80	

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: ___

2.4 (Gals.) X	3	=	7.2 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
1126	65.3	6.63	945	43	2.5	
1131	65.5	6.60	948	40	5.0	
1136	65.6	6.60	947	35	7.5	

Did well dewater? Yes (No) Gallons actually evacuated: 7.5

Sampling Date: 6/7/13 Sampling Time: 1140 Depth to Water: 12.83

Sample I.D.: MW-1 Laboratory: (Test America) Other ___

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

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 #: 130609-CH	Site: 2120 MONTANA ST, OAKLAND
Sampler: CH	Date: 6/7/13
Well I.D.: MW-2	Well Diameter: (2) 3 4 6 8 ____
Total Well Depth (TD): 19.85	Depth to Water (DTW): 12.46
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]: 13.94	

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: ____

1.2 (Gals.) X 3 = 3.6 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
0939	62.9	7.05	846	136	1.2	
0941	62.8	7.03	849	147	2.4	SHEEN
0944	62.8	7.03	850	135	3.6	SHEEN

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

Sampling Date: 6/7/13 Sampling Time: 0955 Depth to Water: 13.46

Sample I.D.: MW-2 Laboratory: (Test America) Other____

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

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 #: 130607 - CM	Site: 2120 MONTANA ST, OAKLAND
Sampler: CR	Date: 6/7/13
Well I.D.: MW-3	Well Diameter: (2) 3 4 6 8 ___
Total Well Depth (TD): 19.98	Depth to Water (DTW): 11.85
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]: 13.48	

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
1015	66.2	7.28	650	231	1.3	
1018	66.1	7.25	648	283	3.6	
1021	66.1	7.25	648	327	3.9	

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

Sampling Date: 6/7/13 Sampling Time: 1030 Depth to Water: 13.28

Sample I.D.: MW-3 Laboratory: (Test America) Other ___

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

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 #: 130607-CM	Site: 2120 MONTANA ST. OAKLAND
Sampler: CK	Date: 6/7/13
Well I.D.: MW-4	Well Diameter: 2 3 (4) 6 8 ___
Total Well Depth (TD): 19.76	Depth to Water (DTW): 14.00
Depth to Free Product: —	Thickness of Free Product (feet): —
Referenced to: (PVC) Grade	D.O. Meter (if req'd): YSI HACH
DTW with 80% Recharge [(Height of Water Column x 0.20) + DTW]: 15.15	

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

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

3.7 (Gals.) X 3 = 11.1 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	radius^2 * 0.163

Time	Temp (°F)	pH	Cond. (mS or (µS))	Turbidity (NTUs)	Gals. Removed	Observations
1042	63.3	6.75	697	103	4.0	
	DEWATERED @ 5.5			GALLONS	5.5	
1220	64.0	6.73	700	144	—	

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

Sampling Date: 6/7/13 Sampling Time: 1220 Depth to Water: 14.93

Sample I.D.: MW-4 Laboratory: (Test America) Other ____

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

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 #: 130607-CU	Site: 2120 MONTANA ST, OAKLAND
Sampler: CU	Date: 6/7/13
Well I.D.: MW-5	Well Diameter: (2) 3 4 6 8 ____
Total Well Depth (TD): 19.51	Depth to Water (DTW): 12.55
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]: 13.94	

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: ____

1.1 (Gals.) X 3 = 3.3 Gals.
1 Case Volume | Specified Volumes | Calculated Volume

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

Time	Temp (°F)	pH	Cond. (mS or (µS))	Turbidity (NTUs)	Gals. Removed	Observations
0908 ~~0907~~	67.1	6.19	688	289	1.1	
0911	62.7	6.22	689	393	2.2	
0913	62.8	6.22	693	448	3.3	

Did well dewater? Yes (No) Gallons actually evacuated: 3.3

Sampling Date: 6/7/13 Sampling Time: 0920 Depth to Water: 12.75

Sample I.D.: MW-5 Laboratory: (Test America) Other ____

Analyzed for: (TPH-G) BTEX (MTBE) TPH-D Oxygenates (5) Other: +2

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 #: 130607-CK1	Site: 2120 MONTAGUE ST, OAKLAND
Sampler: CK	Date: 6/7/13
Well I.D.: TBW-N	Well Diameter: 2 3 4 6 8 ___
Total Well Depth (TD):	Depth to Water (DTW):
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]:	

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: ____

____ (Gals.) X ____ = ____ 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
X	UNABLE TO LOCATE					
—	NO	SAMPLE	TAKEN		—	

Did well dewater? Yes No Gallons actually evacuated:

Sampling Date: Sampling Time: Depth to Water:

Sample I.D.: Laboratory: Test America Other ____

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

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 #: 130607-CA1	Site: 2120 MONTANA ST, OAKLAND
Sampler: CA	Date: 6/7/13
Well I.D.: EW-1	Well Diameter: 2 3 (4) 6 8 ___
Total Well Depth (TD): 25.80	Depth to Water (DTW): 12.32
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]: 15.02	

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 Case Volume		Specified Volumes		Calculated Volume
8.8	(Gals.) X	3	=	26.4 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
1154	67.8	6.90	796	58	9.0	
1156	67.6	6.87	805	55	18.0	
1158	67.6	6.86	803	56	27.0	

Did well dewater? Yes (No) Gallons actually evacuated: 27.0

Sampling Date: 6/7/13 Sampling Time: 1205 Depth to Water: 14.37

Sample I.D.: EW-1 Laboratory: (Test America) Other ____

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

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 #: 130607-CA1	Site: 2120 MONTANA ST, OAKLAND
Sampler: CA	Date: 6/7/13
Well I.D.: EW-2	Well Diameter: 2 3 (4) 6 8 ___
Total Well Depth (TD): 26.30	Depth to Water (DTW): 11.20
Depth to Free Product: —	Thickness of Free Product (feet): —
Referenced to: (PVC) Grade	D.O. Meter (if req'd): YSI HACH
DTW with 80% Recharge [(Height of Water Column x 0.20) + DTW]: 14.22	

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
1054	66.3	6.90	748	120	10.0	
1057	66.2	6.88	745	113	20.0	
1100	66.0	6.87	743	98	30.0	

Did well dewater? Yes (No) Gallons actually evacuated: 30.0

Sampling Date: 6/7/13 Sampling Time: 1110 Depth to Water: 12.30

Sample I.D.: (EW-2) Laboratory: (Test America) Other ___

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

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

INCIDENT # 98995740

ADDRESS 2120 MONTANA ST.

DATE: 6/7/13

CITY & STATE OAKLAND, CA

Well ID	Observations Upon Arrival: Manway Cover, Type, Condition & Size					Well Labeled / Painted Properly*		Well Cap (Gripper) Condition		Well Lock Condition			Well Pad / Surface Condition		Note Repairs Made Detailed Explanation of Maintenance Recommended and Performed	Photos of Well Condition		Repair Date and PM Initials
MW-1	Standpipe	Flush	G	P	Size (inch) 4"	Y	N	G	R	G	R	NL	G	P		Y	N	
MW-2	Standpipe	Flush	G	P	Size (inch) 10	Y	N	G	R	G	R	NL	G	P		Y	N	
MW-3	Standpipe	Flush	G	P	Size (inch) 12	Y	N	G	R	G	R	NL	G	P		Y	N	
MW-4	Standpipe	Flush	G	P	Size (inch) 12	Y	N	G	R	G	R	NL	G	P		Y	N	
MW-5	Standpipe	Flush	G	P	Size (inch) 10	Y	N	G	R	G	R	NL	G	P		Y	N	
TBW-N	Standpipe	Flush	G	P	Size (inch)	Y	N	G	R	G	R	NL	G	P	UNABLE TO LOCATE	Y	N	
EW-1	Standpipe	Flush	G	P	Size (inch) 4"	Y	N	G	R	G	R	NL	G	P		Y	N	
EW-2	Standpipe	Flush	G	P	Size (inch) 4"	Y	N	G	R	G	R	NL	G	P		Y	N	
	Standpipe	Flush	G	P	Size (inch)	Y	N	G	R	G	R	NL	G	P		Y	N	
	Standpipe	Flush	G	P	Size (inch)	Y	N	G	R	G	R	NL	G	P		Y	N	
	Standpipe	Flush	G	P	Size (inch)	Y	N	G	R	G	R	NL	G	P		Y	N	

TOTAL # CAPS REPLACED = 0 | 0 = TOTAL # OF LOCKS REPLACED

Condition of Soil Boring Patches or Abandoned Monitoring Wells:	G	P	N/A	If POOR, Borings/Well IDs or Location Description:	Y	N	

Remediation Compound Type (Check boxes that apply)		Condition of Enclosure			Condition of Area Inside Enclosure			Compound Security			Emergency Contact Info Visible			Cleaning / Repairs Recommended and Conducted	Photos of Condition		Repair Date and PM Initials
NA		G	P	N/A	G	P	N/A	G	P	N/A	Y	N	N/A		Y	N	
Building																	
Building w/ Fence Comp.																	
Fenced Compound																	
Trailer																	

Number of Drums On-site	Does the Label Reveal the Source of the Contents			Labeled Correctly and Writing Legible			Drum Condition			Confirm Drums Related to Environmental		Drums Located to Min Business Interference			Detailed Explanation of Any Issues Resolved	Photos of Drum Condition		Date Drums Removed from Site and PM Initials
0	Y	N	N/A	Y	N	N/A	G	P	N/A	Y	N	Y	N	N/A		Y	N	

G = Good (Acceptable) R = Replaced

P = Poor (needs attention) NL = No Lock Required

Note: All repairs other than locks and grippers require Shell PM approval prior to repair.

* = Groundwater monitoring well covers must be painted and labeled in accordance with applicable regulations.

Version 2.4, March 2008

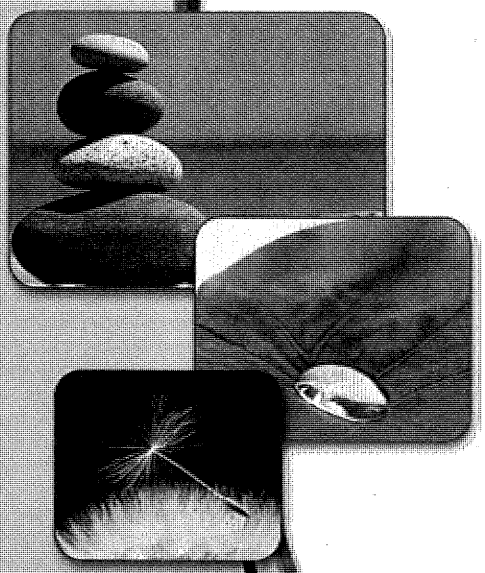
All environmental wells and the remediation compound were in good condition, locked, and secured upon my departure (unless otherwise noted above).

COREY KILPATRICK BES

Print or type Name of Field Personnel & Consultant Company

APPENDIX B

TESTAMERICA LABORATORIES, INC, - ANALYTICAL REPORT



TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

ANALYTICAL REPORT

TestAmerica Laboratories, Inc.
TestAmerica Irvine
17461 Derian Ave
Suite 100
Irvine, CA 92614-5817
Tel: (949)261-1022

TestAmerica Job ID: 440-48842-1
Client Project/Site: 2120 Montana St., Oakland, CA

For:
Conestoga-Rovers & Associates, Inc.
5900 Hollis Street
Suite A
Emeryville, California 94608

Attn: Peter Schaefer

Philip Sanelle

Authorized for release by:
6/19/2013 11:32:11 AM

Philip Sanelle, Project Manager I
philip.sanelle@testamericainc.com

Table of Contents

Sample Summary

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 2120 Montana St., Oakland, CA

TestAmerica Job ID: 440-48842-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
440-48842-1	MW-1	Ground Water	06/07/13 11:40	06/11/13 09:40
440-48842-2	MW-2	Ground Water	06/07/13 09:55	06/11/13 09:40
440-48842-3	MW-3	Ground Water	06/07/13 10:30	06/11/13 09:40
440-48842-4	MW-4	Ground Water	06/07/13 12:20	06/11/13 09:40
440-48842-5	MW-5	Ground Water	06/07/13 09:20	06/11/13 09:40
440-48842-6	EW-1	Ground Water	06/07/13 12:05	06/11/13 09:40
440-48842-7	EW-2	Ground Water	06/07/13 11:10	06/11/13 09:40

Job ID: 440-48842-1

Laboratory: TestAmerica Irvine

Narrative

Job Narrative
440-48842-1

Comments
No additional comments.

Receipt
The samples were received on 6/11/2013 9:40 AM; the samples arrived in good condition, properly preserved and, where required, on ice. The temperature of the cooler at receipt was 3.8° C.

GC/MS VOA
Method(s) 8260B: Due to the high concentration of Methyl tert-butyl ether, the matrix spike / matrix spike duplicate (MS/MSD) for batch 112133 could not be evaluated for accuracy and precision. The associated laboratory control sample (LCS) met acceptance criteria.

No other analytical or quality issues were noted.

VOA Prep
No analytical or quality issues were noted.

Client Sample ID: MW-1

Date Collected: 06/07/13 11:40
Date Received: 06/11/13 09:40

Lab Sample ID: 440-48842-1
Matrix: Ground Water

Method: 8260B/CA_LUFTMS - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Volatile Fuel Hydrocarbons (C4-C12)	**240**		100		ug/L			06/18/13 03:53	2

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Dibromofluoromethane (Surr)	*89*		*80 - 120*		*06/18/13 03:53*	*2*
4-Bromofluorobenzene (Surr)	*102*		*80 - 120*		*06/18/13 03:53*	*2*
Toluene-d8 (Surr)	*115*		*80 - 120*		*06/18/13 03:53*	*2*

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		1.0		ug/L			06/18/13 03:53	2
Ethylbenzene	ND		1.0		ug/L			06/18/13 03:53	2
Methyl-t-Butyl Ether (MTBE)	**4.3**		1.0		ug/L			06/18/13 03:53	2
tert-Butyl alcohol (TBA)	**280**		20		ug/L			06/18/13 03:53	2
Toluene	ND		1.0		ug/L			06/18/13 03:53	2
Xylenes, Total	ND		2.0		ug/L			06/18/13 03:53	2

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*102*		*80 - 120*		*06/18/13 03:53*	*2*
Dibromofluoromethane (Surr)	*89*		*80 - 120*		*06/18/13 03:53*	*2*
Toluene-d8 (Surr)	*115*		*80 - 120*		*06/18/13 03:53*	*2*

Client Sample ID: MW-2

Date Collected: 06/07/13 09:55
Date Received: 06/11/13 09:40

Lab Sample ID: 440-48842-2
Matrix: Ground Water

Method: 8260B/CA_LUFTMS - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Volatile Fuel Hydrocarbons (C4-C12)	**8000**		500		ug/L			06/18/13 10:47	10

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Dibromofluoromethane (Surr)	*97*		*80 - 120*		*06/18/13 10:47*	*10*
4-Bromofluorobenzene (Surr)	*115*		*80 - 120*		*06/18/13 10:47*	*10*
Toluene-d8 (Surr)	*116*		*80 - 120*		*06/18/13 10:47*	*10*

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		5.0		ug/L			06/18/13 10:47	10
Ethylbenzene	ND		5.0		ug/L			06/18/13 10:47	10
Methyl-t-Butyl Ether (MTBE)	**9.3**		5.0		ug/L			06/18/13 10:47	10
tert-Butyl alcohol (TBA)	**280**		100		ug/L			06/18/13 10:47	10
Toluene	ND		5.0		ug/L			06/18/13 10:47	10
Xylenes, Total	ND		10		ug/L			06/18/13 10:47	10

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*115*		*80 - 120*		*06/18/13 10:47*	*10*
Dibromofluoromethane (Surr)	*97*		*80 - 120*		*06/18/13 10:47*	*10*
Toluene-d8 (Surr)	*116*		*80 - 120*		*06/18/13 10:47*	*10*

Client Sample ID: MW-3

Lab Sample ID: 440-48842-3

Date Collected: 06/07/13 10:30
Matrix: Ground Water
Date Received: 06/11/13 09:40

Method: 8260B/CA_LUFTMS - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Volatile Fuel Hydrocarbons (C4-C12)	ND		50		ug/L			06/18/13 01:23	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Dibromofluoromethane (Surr)	*91*		*80 - 120*		*06/18/13 01:23*	*1*
4-Bromofluorobenzene (Surr)	*105*		*80 - 120*		*06/18/13 01:23*	*1*
Toluene-d8 (Surr)	*109*		*80 - 120*		*06/18/13 01:23*	*1*

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.50		ug/L			06/18/13 01:23	1
Ethylbenzene	ND		0.50		ug/L			06/18/13 01:23	1
Methyl-t-Butyl Ether (MTBE)	ND		0.50		ug/L			06/18/13 01:23	1
Toluene	ND		0.50		ug/L			06/18/13 01:23	1
Xylenes, Total	ND		1.0		ug/L			06/18/13 01:23	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*105*		*80 - 120*		*06/18/13 01:23*	*1*
Dibromofluoromethane (Surr)	*91*		*80 - 120*		*06/18/13 01:23*	*1*
Toluene-d8 (Surr)	*109*		*80 - 120*		*06/18/13 01:23*	*1*

Client Sample ID: MW-4

Lab Sample ID: 440-48842-4

Date Collected: 06/07/13 12:20
Matrix: Ground Water
Date Received: 06/11/13 09:40

Method: 8260B/CA_LUFTMS - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Volatile Fuel Hydrocarbons (C4-C12)	**50**		50		ug/L			06/18/13 01:53	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Dibromofluoromethane (Surr)	*87*		*80 - 120*		*06/18/13 01:53*	*1*
4-Bromofluorobenzene (Surr)	*103*		*80 - 120*		*06/18/13 01:53*	*1*
Toluene-d8 (Surr)	*110*		*80 - 120*		*06/18/13 01:53*	*1*

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.50		ug/L			06/18/13 01:53	1
Ethylbenzene	ND		0.50		ug/L			06/18/13 01:53	1
Methyl-t-Butyl Ether (MTBE)	**1.7**		0.50		ug/L			06/18/13 01:53	1
Toluene	ND		0.50		ug/L			06/18/13 01:53	1
Xylenes, Total	ND		1.0		ug/L			06/18/13 01:53	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*103*		*80 - 120*		*06/18/13 01:53*	*1*
Dibromofluoromethane (Surr)	*87*		*80 - 120*		*06/18/13 01:53*	*1*
Toluene-d8 (Surr)	*110*		*80 - 120*		*06/18/13 01:53*	*1*

Client Sample ID: MW-5

Lab Sample ID: 440-48842-5

Date Collected: 06/07/13 09:20
Date Received: 06/11/13 09:40

Matrix: Ground Water

Method: 8260B/CA_LUFTMS - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Volatile Fuel Hydrocarbons (C4-C12)	**800**		50		ug/L			06/18/13 02:23	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Dibromofluoromethane (Surr)	*87*		*80 - 120*		*06/18/13 02:23*	*1*
4-Bromofluorobenzene (Surr)	*109*		*80 - 120*		*06/18/13 02:23*	*1*
Toluene-d8 (Surr)	*116*		*80 - 120*		*06/18/13 02:23*	*1*

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	**1.6**		0.50		ug/L			06/18/13 02:23	1
Ethylbenzene	ND		0.50		ug/L			06/18/13 02:23	1
Methyl-t-Butyl Ether (MTBE)	**1.2**		0.50		ug/L			06/18/13 02:23	1
Toluene	ND		0.50		ug/L			06/18/13 02:23	1
Xylenes, Total	ND		1.0		ug/L			06/18/13 02:23	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*109*		*80 - 120*		*06/18/13 02:23*	*1*
Dibromofluoromethane (Surr)	*87*		*80 - 120*		*06/18/13 02:23*	*1*
Toluene-d8 (Surr)	*116*		*80 - 120*		*06/18/13 02:23*	*1*

Client Sample ID: EW-1

Lab Sample ID: 440-48842-6

Date Collected: 06/07/13 12:05
Date Received: 06/11/13 09:40

Matrix: Ground Water

Method: 8260B/CA_LUFTMS - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Volatile Fuel Hydrocarbons (C4-C12)	**100**		50		ug/L			06/18/13 02:53	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Dibromofluoromethane (Surr)	*86*		*80 - 120*		*06/18/13 02:53*	*1*
4-Bromofluorobenzene (Surr)	*106*		*80 - 120*		*06/18/13 02:53*	*1*
Toluene-d8 (Surr)	*113*		*80 - 120*		*06/18/13 02:53*	*1*

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.50		ug/L			06/18/13 02:53	1
Ethylbenzene	ND		0.50		ug/L			06/18/13 02:53	1
Methyl-t-Butyl Ether (MTBE)	**4.8**		0.50		ug/L			06/18/13 02:53	1
Toluene	ND		0.50		ug/L			06/18/13 02:53	1
Xylenes, Total	ND		1.0		ug/L			06/18/13 02:53	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*106*		*80 - 120*		*06/18/13 02:53*	*1*
Dibromofluoromethane (Surr)	*86*		*80 - 120*		*06/18/13 02:53*	*1*
Toluene-d8 (Surr)	*113*		*80 - 120*		*06/18/13 02:53*	*1*

Client Sample ID: EW-2
Date Collected: 06/07/13 11:10
Date Received: 06/11/13 09:40

Lab Sample ID: 440-48842-7
Matrix: Ground Water

Method: 8260B/CA_LUFTMS - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Volatile Fuel Hydrocarbons (C4-C12)	ND		50		ug/L			06/18/13 03:23	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Dibromofluoromethane (Surr)	*89*		*80 - 120*		*06/18/13 03:23*	*1*
4-Bromofluorobenzene (Surr)	*105*		*80 - 120*		*06/18/13 03:23*	*1*
Toluene-d8 (Surr)	*110*		*80 - 120*		*06/18/13 03:23*	*1*

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.50		ug/L			06/18/13 03:23	1
Ethylbenzene	ND		0.50		ug/L			06/18/13 03:23	1
Methyl-t-Butyl Ether (MTBE)	**0.86**		0.50		ug/L			06/18/13 03:23	1
Toluene	ND		0.50		ug/L			06/18/13 03:23	1
Xylenes, Total	ND		1.0		ug/L			06/18/13 03:23	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*105*		*80 - 120*		*06/18/13 03:23*	*1*
Dibromofluoromethane (Surr)	*89*		*80 - 120*		*06/18/13 03:23*	*1*
Toluene-d8 (Surr)	*110*		*80 - 120*		*06/18/13 03:23*	*1*

Method Summary

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 2120 Montana St., Oakland, CA

TestAmerica Job ID: 440-48842-1

Method	Method Description	Protocol	Laboratory
8260B	Volatile Organic Compounds (GC/MS)	SW846	TAL IRV
8260B/CA_LUFTMS	Volatile Organic Compounds by GC/MS	SW846	TAL IRV

Protocol References:

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

Laboratory References:

TAL IRV = TestAmerica Irvine, 17461 Derian Ave, Suite 100, Irvine, CA 92614-5817, TEL (949)261-1022

Lab Chronicle

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 2120 Montana St., Oakland, CA

TestAmerica Job ID: 440-48842-1

Client Sample ID: MW-1

Date Collected: 06/07/13 11:40
Date Received: 06/11/13 09:40

Lab Sample ID: 440-48842-1
Matrix: Ground Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		2	10 mL	10 mL	112034	06/18/13 03:53	WK	TAL IRV
Total/NA	Analysis	8260B/CA_LUFTMS		2	10 mL	10 mL	112035	06/18/13 03:53	WK	TAL IRV

Client Sample ID: MW-2

Date Collected: 06/07/13 09:55
Date Received: 06/11/13 09:40

Lab Sample ID: 440-48842-2
Matrix: Ground Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		10	10 mL	10 mL	112133	06/18/13 10:47	MR	TAL IRV
Total/NA	Analysis	8260B/CA_LUFTMS		10	10 mL	10 mL	112134	06/18/13 10:47	MR	TAL IRV

Client Sample ID: MW-3

Date Collected: 06/07/13 10:30
Date Received: 06/11/13 09:40

Lab Sample ID: 440-48842-3
Matrix: Ground Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	10 mL	10 mL	112034	06/18/13 01:23	WK	TAL IRV
Total/NA	Analysis	8260B/CA_LUFTMS		1	10 mL	10 mL	112035	06/18/13 01:23	WK	TAL IRV

Client Sample ID: MW-4

Date Collected: 06/07/13 12:20
Date Received: 06/11/13 09:40

Lab Sample ID: 440-48842-4
Matrix: Ground Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	10 mL	10 mL	112034	06/18/13 01:53	WK	TAL IRV
Total/NA	Analysis	8260B/CA_LUFTMS		1	10 mL	10 mL	112035	06/18/13 01:53	WK	TAL IRV

Client Sample ID: MW-5

Date Collected: 06/07/13 09:20
Date Received: 06/11/13 09:40

Lab Sample ID: 440-48842-5
Matrix: Ground Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	10 mL	10 mL	112034	06/18/13 02:23	WK	TAL IRV
Total/NA	Analysis	8260B/CA_LUFTMS		1	10 mL	10 mL	112035	06/18/13 02:23	WK	TAL IRV

Lab Chronicle

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 2120 Montana St., Oakland, CA

TestAmerica Job ID: 440-48842-1

Client Sample ID: EW-1

Lab Sample ID: 440-48842-6

Date Collected: 06/07/13 12:05
Date Received: 06/11/13 09:40

Matrix: Ground Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	10 mL	10 mL	112034	06/18/13 02:53	WK	TAL IRV
Total/NA	Analysis	8260B/CA_LUFTMS		1	10 mL	10 mL	112035	06/18/13 02:53	WK	TAL IRV

Client Sample ID: EW-2

Lab Sample ID: 440-48842-7

Date Collected: 06/07/13 11:10
Date Received: 06/11/13 09:40

Matrix: Ground Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	10 mL	10 mL	112034	06/18/13 03:23	WK	TAL IRV
Total/NA	Analysis	8260B/CA_LUFTMS		1	10 mL	10 mL	112035	06/18/13 03:23	WK	TAL IRV

Laboratory References:

TAL IRV = TestAmerica Irvine, 17461 Derian Ave, Suite 100, Irvine, CA 92614-5817, TEL (949)261-1022

GC/MS VOA

Analysis Batch: 112034

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
440-48717-A-15 MS	Matrix Spike	Total/NA	Water	8260B	
440-48717-A-15 MSD	Matrix Spike Duplicate	Total/NA	Water	8260B	
440-48842-1	MW-1	Total/NA	Ground Water	8260B	
440-48842-3	MW-3	Total/NA	Ground Water	8260B	
440-48842-4	MW-4	Total/NA	Ground Water	8260B	
440-48842-5	MW-5	Total/NA	Ground Water	8260B	
440-48842-6	EW-1	Total/NA	Ground Water	8260B	
440-48842-7	EW-2	Total/NA	Ground Water	8260B	
LCS 440-112034/5	Lab Control Sample	Total/NA	Water	8260B	
MB 440-112034/4	Method Blank	Total/NA	Water	8260B	

Analysis Batch: 112035

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
440-48717-A-15 MS	Matrix Spike	Total/NA	Water	8260B/CA_LUFT MS	
440-48717-A-15 MSD	Matrix Spike Duplicate	Total/NA	Water	8260B/CA_LUFT MS	
440-48842-1	MW-1	Total/NA	Ground Water	8260B/CA_LUFT MS	
440-48842-3	MW-3	Total/NA	Ground Water	8260B/CA_LUFT MS	
440-48842-4	MW-4	Total/NA	Ground Water	8260B/CA_LUFT MS	
440-48842-5	MW-5	Total/NA	Ground Water	8260B/CA_LUFT MS	
440-48842-6	EW-1	Total/NA	Ground Water	8260B/CA_LUFT MS	
440-48842-7	EW-2	Total/NA	Ground Water	8260B/CA_LUFT MS	
LCS 440-112035/6	Lab Control Sample	Total/NA	Water	8260B/CA_LUFT MS	
MB 440-112035/4	Method Blank	Total/NA	Water	8260B/CA_LUFT MS	

Analysis Batch: 112133

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
440-48842-2	MW-2	Total/NA	Ground Water	8260B	
440-49119-A-2 MS	Matrix Spike	Total/NA	Water	8260B	
440-49119-A-2 MSD	Matrix Spike Duplicate	Total/NA	Water	8260B	
LCS 440-112133/5	Lab Control Sample	Total/NA	Water	8260B	
MB 440-112133/4	Method Blank	Total/NA	Water	8260B	

Analysis Batch: 112134

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
440-48842-2	MW-2	Total/NA	Ground Water	8260B/CA_LUFT MS	
440-49119-A-2 MS	Matrix Spike	Total/NA	Water	8260B/CA_LUFT MS	
440-49119-A-2 MSD	Matrix Spike Duplicate	Total/NA	Water	8260B/CA_LUFT MS	
LCS 440-112134/6	Lab Control Sample	Total/NA	Water	8260B/CA_LUFT MS	
MB 440-112134/4	Method Blank	Total/NA	Water	8260B/CA_LUFT MS	

Method: 8260B - Volatile Organic Compounds (GC/MS)

Lab Sample ID: MB 440-112034/4
Matrix: Water
Analysis Batch: 112034

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.50		ug/L			06/17/13 21:25	1
Ethylbenzene	ND		0.50		ug/L			06/17/13 21:25	1
Methyl-t-Butyl Ether (MTBE)	ND		0.50		ug/L			06/17/13 21:25	1
tert-Butyl alcohol (TBA)	ND		10		ug/L			06/17/13 21:25	1
Toluene	ND		0.50		ug/L			06/17/13 21:25	1
Xylenes, Total	ND		1.0		ug/L			06/17/13 21:25	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*107*		*80 - 120*		*06/17/13 21:25*	*1*
Dibromofluoromethane (Surr)	*89*		*80 - 120*		*06/17/13 21:25*	*1*
Toluene-d8 (Surr)	*114*		*80 - 120*		*06/17/13 21:25*	*1*

Lab Sample ID: LCS 440-112034/5
Matrix: Water
Analysis Batch: 112034

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Benzene	25.0	25.8		ug/L		103	70 - 120
Ethylbenzene	25.0	28.3		ug/L		113	75 - 125
m,p-Xylene	50.0	56.6		ug/L		113	75 - 125
Methyl-t-Butyl Ether (MTBE)	25.0	25.7		ug/L		103	60 - 135
o-Xylene	25.0	26.3		ug/L		105	75 - 125
tert-Butyl alcohol (TBA)	125	127		ug/L		102	70 - 135
Toluene	25.0	26.7		ug/L		107	70 - 120

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*112*		*80 - 120*
Dibromofluoromethane (Surr)	*92*		*80 - 120*
Toluene-d8 (Surr)	*112*		*80 - 120*

Lab Sample ID: 440-48717-A-15 MS
Matrix: Water
Analysis Batch: 112034

Client Sample ID: Matrix Spike
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Benzene	ND		25.0	25.7		ug/L		103	65 - 125
Ethylbenzene	ND		25.0	27.2		ug/L		109	65 - 130
m,p-Xylene	ND		50.0	53.8		ug/L		108	65 - 130
Methyl-t-Butyl Ether (MTBE)	ND		25.0	26.1		ug/L		104	55 - 145
o-Xylene	ND		25.0	25.1		ug/L		100	65 - 125
tert-Butyl alcohol (TBA)	ND		125	123		ug/L		98	65 - 140
Toluene	ND		25.0	26.5		ug/L		106	70 - 125

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*110*		*80 - 120*
Dibromofluoromethane (Surr)	*98*		*80 - 120*
Toluene-d8 (Surr)	*111*		*80 - 120*

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 440-48717-A-15 MSD
Matrix: Water
Analysis Batch: 112034

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Benzene	ND		25.0	26.2		ug/L		105	65 - 125	2	20
Ethylbenzene	ND		25.0	27.3		ug/L		109	65 - 130	1	20
m,p-Xylene	ND		50.0	54.2		ug/L		108	65 - 130	1	25
Methyl-t-Butyl Ether (MTBE)	ND		25.0	27.5		ug/L		110	55 - 145	5	25
o-Xylene	ND		25.0	26.1		ug/L		104	65 - 125	4	20
tert-Butyl alcohol (TBA)	ND		125	124		ug/L		99	65 - 140	0	25
Toluene	ND		25.0	27.2		ug/L		109	70 - 125	2	20

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*111*		*80 - 120*
Dibromofluoromethane (Surr)	*95*		*80 - 120*
Toluene-d8 (Surr)	*111*		*80 - 120*

Lab Sample ID: MB 440-112133/4
Matrix: Water
Analysis Batch: 112133

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.50		ug/L			06/18/13 08:49	1
Ethylbenzene	ND		0.50		ug/L			06/18/13 08:49	1
Methyl-t-Butyl Ether (MTBE)	ND		0.50		ug/L			06/18/13 08:49	1
tert-Butyl alcohol (TBA)	ND		10		ug/L			06/18/13 08:49	1
Toluene	ND		0.50		ug/L			06/18/13 08:49	1
Xylenes, Total	ND		1.0		ug/L			06/18/13 08:49	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*106*		*80 - 120*		*06/18/13 08:49*	*1*
Dibromofluoromethane (Surr)	*93*		*80 - 120*		*06/18/13 08:49*	*1*
Toluene-d8 (Surr)	*112*		*80 - 120*		*06/18/13 08:49*	*1*

Lab Sample ID: LCS 440-112133/5
Matrix: Water
Analysis Batch: 112133

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Benzene	25.0	25.5		ug/L		102	70 - 120
Ethylbenzene	25.0	27.7		ug/L		111	75 - 125
m,p-Xylene	50.0	56.1		ug/L		112	75 - 125
Methyl-t-Butyl Ether (MTBE)	25.0	23.9		ug/L		96	60 - 135
o-Xylene	25.0	25.8		ug/L		103	75 - 125
tert-Butyl alcohol (TBA)	125	133		ug/L		106	70 - 135
Toluene	25.0	26.8		ug/L		107	70 - 120

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*110*		*80 - 120*
Dibromofluoromethane (Surr)	*88*		*80 - 120*
Toluene-d8 (Surr)	*110*		*80 - 120*

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 440-49119-A-2 MS
Matrix: Water
Analysis Batch: 112133

Client Sample ID: Matrix Spike
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Benzene	ND		25.0	27.6		ug/L		110	65 - 125
Ethylbenzene	ND		25.0	28.4		ug/L		114	65 - 130
m,p-Xylene	ND		50.0	58.6		ug/L		117	65 - 130
Methyl-t-Butyl Ether (MTBE)	180		25.0	214	4	ug/L		148	55 - 145
o-Xylene	ND		25.0	27.6		ug/L		110	65 - 125
tert-Butyl alcohol (TBA)	ND		125	138		ug/L		110	65 - 140
Toluene	ND		25.0	28.2		ug/L		113	70 - 125

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*112*		*80 - 120*
Dibromofluoromethane (Surr)	*99*		*80 - 120*
Toluene-d8 (Surr)	*111*		*80 - 120*

Lab Sample ID: 440-49119-A-2 MSD
Matrix: Water
Analysis Batch: 112133

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Benzene	ND		25.0	28.4		ug/L		114	65 - 125	3	20
Ethylbenzene	ND		25.0	29.4		ug/L		117	65 - 130	3	20
m,p-Xylene	ND		50.0	60.4		ug/L		121	65 - 130	3	25
Methyl-t-Butyl Ether (MTBE)	180		25.0	221	4	ug/L		174	55 - 145	3	25
o-Xylene	ND		25.0	27.5		ug/L		110	65 - 125	0	20
tert-Butyl alcohol (TBA)	ND		125	150		ug/L		120	65 - 140	8	25
Toluene	ND		25.0	29.9		ug/L		119	70 - 125	6	20

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*110*		*80 - 120*
Dibromofluoromethane (Surr)	*96*		*80 - 120*
Toluene-d8 (Surr)	*114*		*80 - 120*

Method: 8260B/CA_LUFTMS - Volatile Organic Compounds by GC/MS

Lab Sample ID: MB 440-112035/4
Matrix: Water
Analysis Batch: 112035

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Volatile Fuel Hydrocarbons (C4-C12)	ND		50		ug/L			06/17/13 21:25	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Dibromofluoromethane (Surr)	*89*		*80 - 120*		*06/17/13 21:25*	*1*
4-Bromofluorobenzene (Surr)	*107*		*80 - 120*		*06/17/13 21:25*	*1*
Toluene-d8 (Surr)	*114*		*80 - 120*		*06/17/13 21:25*	*1*

Method: 8260B/CA_LUFTMS - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCS 440-112035/6
Matrix: Water
Analysis Batch: 112035

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits		
Volatile Fuel Hydrocarbons (C4-C12)			500	437		ug/L		87	55 - 130		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
Dibromofluoromethane (Surr)	*89*		*80 - 120*
4-Bromofluorobenzene (Surr)	*111*		*80 - 120*
Toluene-d8 (Surr)	*114*		*80 - 120*

Lab Sample ID: 440-48717-A-15 MS
Matrix: Water
Analysis Batch: 112035

Client Sample ID: Matrix Spike
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits		
Volatile Fuel Hydrocarbons (C4-C12)	ND		1730	1270		ug/L		74	50 - 145		

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
Dibromofluoromethane (Surr)	*98*		*80 - 120*
4-Bromofluorobenzene (Surr)	*110*		*80 - 120*
Toluene-d8 (Surr)	*111*		*80 - 120*

Lab Sample ID: 440-48717-A-15 MSD
Matrix: Water
Analysis Batch: 112035

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Volatile Fuel Hydrocarbons (C4-C12)	ND		1730	1240		ug/L		72	50 - 145	2	20

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
Dibromofluoromethane (Surr)	*95*		*80 - 120*
4-Bromofluorobenzene (Surr)	*111*		*80 - 120*
Toluene-d8 (Surr)	*111*		*80 - 120*

Lab Sample ID: MB 440-112134/4
Matrix: Water
Analysis Batch: 112134

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Volatile Fuel Hydrocarbons (C4-C12)	ND		50		ug/L			06/18/13 08:49	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Dibromofluoromethane (Surr)	*93*		*80 - 120*		*06/18/13 08:49*	*1*
4-Bromofluorobenzene (Surr)	*106*		*80 - 120*		*06/18/13 08:49*	*1*
Toluene-d8 (Surr)	*112*		*80 - 120*		*06/18/13 08:49*	*1*

Method: 8260B/CA_LUFTMS - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCS 440-112134/6
Matrix: Water
Analysis Batch: 112134

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits		
Volatile Fuel Hydrocarbons (C4-C12)			500	432		ug/L		86	55 - 130		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
Dibromofluoromethane (Surr)	*85*		*80 - 120*
4-Bromofluorobenzene (Surr)	*107*		*80 - 120*
Toluene-d8 (Surr)	*110*		*80 - 120*

Lab Sample ID: 440-49119-A-2 MS
Matrix: Water
Analysis Batch: 112134

Client Sample ID: Matrix Spike
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits		
Volatile Fuel Hydrocarbons (C4-C12)	150		1730	1530		ug/L		80	50 - 145		

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
Dibromofluoromethane (Surr)	*99*		*80 - 120*
4-Bromofluorobenzene (Surr)	*112*		*80 - 120*
Toluene-d8 (Surr)	*111*		*80 - 120*

Lab Sample ID: 440-49119-A-2 MSD
Matrix: Water
Analysis Batch: 112134

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Volatile Fuel Hydrocarbons (C4-C12)	150		1730	1600		ug/L		84	50 - 145	4	20

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
Dibromofluoromethane (Surr)	*96*		*80 - 120*
4-Bromofluorobenzene (Surr)	*110*		*80 - 120*
Toluene-d8 (Surr)	*114*		*80 - 120*

Qualifiers

GC/MS VOA

Qualifier	Qualifier Description
4	MS, MSD: The analyte present in the original sample is 4 times greater than the matrix spike concentration; therefore, control limits are not applicable.

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
¤	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CNF	Contains no Free Liquid
DER	Duplicate error ratio (normalized absolute difference)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision level concentration
MDA	Minimum detectable activity
EDL	Estimated Detection Limit
MDC	Minimum detectable concentration
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
NC	Not Calculated
ND	Not detected at the reporting limit (or MDL or EDL if shown)
PQL	Practical Quantitation Limit
QC	Quality Control
RER	Relative error ratio
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)

Certification Summary

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 2120 Montana St., Oakland, CA

TestAmerica Job ID: 440-48842-1

Laboratory: TestAmerica Irvine

All certifications held by this laboratory are listed. Not all certifications are applicable to this report.

Authority	Program	EPA Region	Certification ID	Expiration Date
Alaska	State Program	10	CA01531	06-30-13
Arizona	State Program	9	AZ0671	10-13-13
California	LA Cty Sanitation Districts	9	10256	01-31-14
California	NELAP	9	1108CA	01-31-14
California	State Program	9	2706	06-30-14
Guam	State Program	9	Cert. No. 12.002r	01-28-14 *
Hawaii	State Program	9	N/A	01-31-14
Nevada	State Program	9	CA015312007A	07-31-13
New Mexico	State Program	6	N/A	01-31-14
Northern Mariana Islands	State Program	9	MP0002	01-31-14
Oregon	NELAP	10	4005	09-12-13
USDA	Federal		P330-09-00080	06-06-14
USEPA UCMR	Federal	1	CA01531	01-31-15

* Expired certification is currently pending renewal and is considered valid.

Shell Oil Products Chain Of Custody Record

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

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

Print Bill To Contact Name: 240733 Peter Schaefer

PO #

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

SAP #: 1 3 5 6 7 5

☐ CHECK IF NO INCIDENT # APPLIES

DATE: 6/7/13

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 Avenue, San Jose, CA

EDF DELIVERABLE TO (Name, Company Office Location): Brenda Carter, CRA, Emeryville, CA

PHONE NO.: 510-420-3343

E-MAIL: ShellEDF@CRAWorld.com; Shell-US-LabDataManagement@CRAworld.com

CONSULTANT PROJECT NO.: 240733-85-12 01

PROJECT CONTACT (Hardcopy or PDF Report to): Lorin King

TELEPHONE: (310) 385-4455 x 108

FAX: (310) 637-5802

E-MAIL: lking@blainetech.com

SAMPLER NAME(S) (Print): COREY KILPATRICK

LAB USE ONLY

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:
1) Please upload the "CRA EQuIS 4-file EDD" to the CRA Website (http://cralabedduplcad.craworld.com/equis/default.aspx) and/or send it to the Shell-US-LabDataManagement@CRAworld.com email folder. 2) Please indicate that you have uploaded the EDD by including "EDD Uploaded to CRA website" in the body of the email used to deliver the final PDF report to the Shell-US-LabDataManagement@CRAworld.com email folder.

Copy final report to Shell.Lab.Billing@craworld.com, ShellEDF@craworld.com, Shell-US-LabDataManagement@CRAworld.com, and pschaefer@CRAWorld.com

Email invoice to Shell.Lab.Billing@craworld.com

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

Matrix Codes - WG (groundwater), WS (surface water), WP (drinking water source), W (Trip or Temp Blank)

REQUESTED ANALYSIS

LAB USE ONLY	SAMPLE ID	PROJECT NUMBER	DATE (MMDDYY)	SAMPLER INITIALS	WELL ID	TIME	MATRIX	PRESERVATIVE: HCL	HNO3	H2SO4	NONE	OTHER	NO. OF CONT.	TPH-GRO, Purgeable (8260B)	TPH-DRO, Extractable (8015M)	BTEX (8260B)	BTEX + MTBE (8260B)	BTEX + MTBE + TBA (8260B)	BTEX + 6 OXYs (MTBE, TBA, DIPE, TAME, ETBE) 8260B	VOCs Full list (8260B)	Single Compound: _____ (8260B)	1,2 DCA (8260B)	EDB (8260B)	Ethanol (8260B)	Methanol (8015B)	Container PID Readings or Laboratory Notes
21	WG	130607-CK1	060713	CK	MW-1	1140	W	X					3	X				X								
				CK	MW-2	0955	W	X					3	X				X								
				CK	MW-3	1030	W	X					3	X			X									
				CK	MW-4	1220	W	X					3	X			X									
				CK	MW-5	0920	W	X					3	X			X									
				CK	EW-1	1205	W	X					3	X			X									
				CK	EW-2	1110	W	X					3	X			X									

TEMPERATURE ON RECEIPT, °C: 3.9/3.6; 3.6/3.3; 4.1/3.8; 3.5/3.2

440-48842 Chain of Custody

Relinquished by: (Signature)		Received by: (Signature)		Date	Time
	1140		(S.C.)	6/7/13	1450
(Sample Custodian)				6/10/13	1240
	6-10-13 16:30			6/11/13	9:40

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6/19/2013

Login Sample Receipt Checklist

Client: Conestoga-Rovers & Associates, Inc.

Job Number: 440-48842-1

Login Number: 48842
List Number: 1
Creator: Avila, Stephanie

List Source: TestAmerica Irvine

Question	Answer	Comment
Radioactivity wasn't checked or is </= background as measured by a survey meter.	N/A	
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	Coery K
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time.	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	False	Containers recd broken. Sufficient sample in remaining containers for analysis.
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	N/A	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	