



**CONESTOGA-ROVERS
& ASSOCIATES**

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

TRANSMITTAL

DATE: February 3, 2012 REFERENCE NO.: 240781
PROJECT NAME: 2703 Martin Luther King Jr. Way, Oakland

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

RECEIVED
3:28 pm, Feb 10, 2012
Alameda County
Environmental Health

Please find enclosed: Draft Final
 Originals Other
 Prints

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

QUANTITY	DESCRIPTION
1	Groundwater Monitoring Report - Fourth Quarter 2011

As Requested For Review and Comment
 For Your Use

COMMENTS:

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

Copy to: Denis Brown, Shell Oil Products US (electronic copy)
Rodney & Janet Kwan, Auto Tech West, 2703 Martin Luther King Jr. Way, Oakland, CA 94612
Scott Merillat, 664 27th Street, Oakland, CA 94612
Monique Oatis, 670 27th Street, Oakland, CA 94612
Jack Chang, 559 9th Avenue, San Francisco, CA 94118-3716

Completed by: Peter Schaefer Signed: Aubrey Cool

Filing: Correspondence File



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

Denis L. Brown
Shell Oil Products US

HSE – Environmental Services
20945 S. Wilmington Ave.
Carson, CA 90810-1039
Tel (707) 865 0251
Fax (707) 865 2542
Email denis.l.brown@shell.com

Re: Former Shell Service Station
2703 Martin Luther King Jr. Way
Oakland, California
SAP Code 129449
Incident No. 97093397
ACEH Case No. RO0000145

Dear Mr. Wickham:

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

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

Sincerely,

A handwritten signature in black ink, appearing to read "Denis L. Brown", is written over a horizontal line.

Denis L. Brown
Senior Program Manager



GROUNDWATER MONITORING REPORT - FOURTH QUARTER 2011

**FORMER SHELL SERVICE STATION
2703 MARTIN LUTHER KING JR. WAY
OAKLAND, CALIFORNIA**

**SAP CODE 129449
INCIDENT NO. 97093397
AGENCY NO. RO0000145**

**FEBRUARY 3, 2012
REF. NO. 240781 (21)**
This report is printed on recycled paper.

**Prepared by:
Conestoga-Rovers
& Associates**

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

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

web: <http://www.CRAworld.com>

TABLE OF CONTENTS

	<u>Page</u>
1.0 INTRODUCTION.....	1
1.1 SITE INFORMATION	1
2.0 SITE ACTIVITIES, FINDINGS, AND DISCUSSION.....	1
2.1 CURRENT QUARTER'S ACTIVITIES.....	1
2.2 CURRENT QUARTER'S FINDINGS	1
2.3 PROPOSED ACTIVITIES.....	2

LIST OF FIGURES
(Following Text)

- FIGURE 1 VICINITY MAP
- FIGURE 2 GROUNDWATER CONTOUR AND CHEMICAL CONCENTRATION MAP

LIST OF TABLES
(Following Text)

- TABLE 1 GROUNDWATER DATA

LIST OF APPENDICES

- APPENDIX A BLAINE TECH SERVICES, INC. - FIELD NOTES
- APPENDIX B TEST AMERICA - LABORATORY REPORT

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	2703 Martin Luther King Jr. Way, Oakland
Site Use	Auto repair shop
Shell Project Manager	Denis Brown
CRA Project Manager	Peter Schaefer
Lead Agency and Contact	ACEH, Jerry Wickham
Agency Case No.	RO0000145
Shell SAP Code	129449
Shell Incident No.	97093397

Date of most recent agency correspondence was January 10, 2012.

2.0 SITE ACTIVITIES, FINDINGS, AND DISCUSSION

2.1 CURRENT QUARTER'S ACTIVITIES

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

CRA prepared a vicinity map (Figure 1), 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.

2.2 CURRENT QUARTER'S FINDINGS

Groundwater Flow Direction	Westerly to Southerly
Hydraulic Gradient	Variable

Depth to Water

7.64 to 10.24 feet below top of well casing

2.3 PROPOSED ACTIVITIES

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

In response to Alameda County Environmental Health's January 10, 2012 letter, the property owner of 663 28th Street, Oakland has placed CRA in contact with the tenant. We are coordinating removal of the animal pens and debris in the rear of the property to allow us to complete the investigation proposed in our October 5, 2010 *Subsurface Investigation Work Plan*. We have tentatively scheduled field work at the property during March 2012.

We have delayed implementation of the shallow excavation proposed in our March 4, 2011 *Subsurface Investigation Report and Revised Remedial Action Plan* pending completion of the investigation at 663 28th Street. We will proceed with the planned activities upon reviewing results of that investigation.

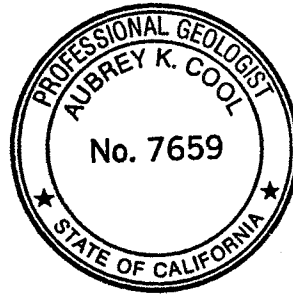
All of Which is Respectfully Submitted,
CONESTOGA-ROVERS & ASSOCIATES

PS Sr.:

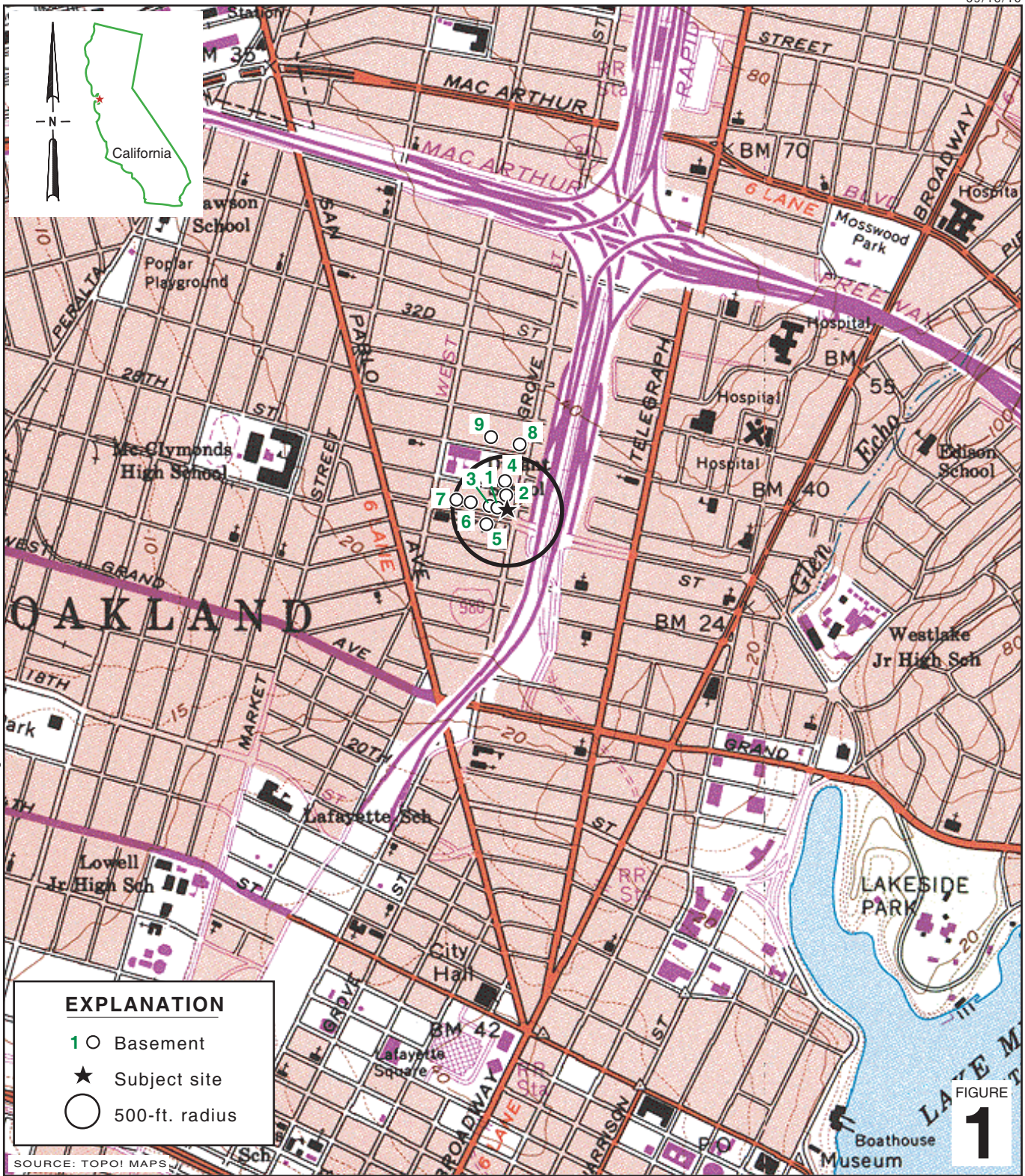
Peter Schaefer, CHG, CEG

Aubrey K Cool

Aubrey K. Cool, PG



FIGURES



I:\Shell\6-chars\2407--\240781-Oakland 2703 Martin Luther King\240781-FIGURES\240781 VICINITY.AI

SOURCE: TOPOI MAPS



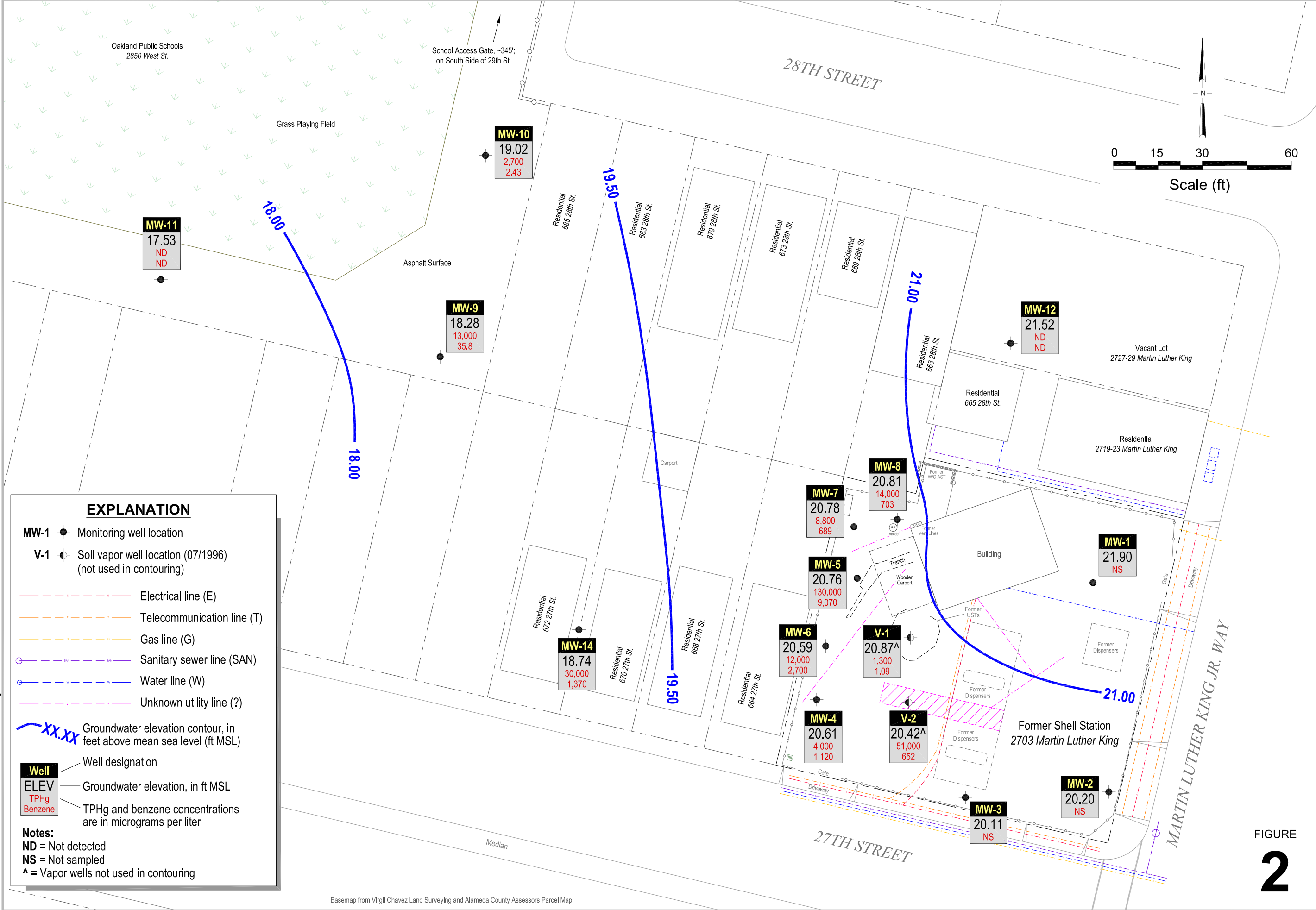
Former Shell Service Station
 2703 Martin Luther King Jr. Way
 Oakland, California



**CONESTOGA-ROVERS
 & ASSOCIATES**

Vicinity Map

I:\Shell6-chars\2407-1\240781-Oakland 2703 Martin Luther King\240781-REPORTS\240781-RPT21240781-4QM11-GW.DWG



EXPLANATION

- MW-1** ● Monitoring well location
- V-1** ● Soil vapor well location (07/1996) (not used in contouring)
- Electrical line (E)
- Telecommunication line (T)
- Gas line (G)
- Sanitary sewer line (SAN)
- Water line (W)
- Unknown utility line (?)

xx.xx Groundwater elevation contour, in feet above mean sea level (ft MSL)

Well	ELEV
TPHg	Groundwater elevation, in ft MSL
Benzene	TPHg and benzene concentrations are in micrograms per liter

Notes:
 ND = Not detected
 NS = Not sampled
 ^ = Vapor wells not used in contouring

Basemap from Virgil Chavez Land Surveying and Alameda County Assessors Parcel Map

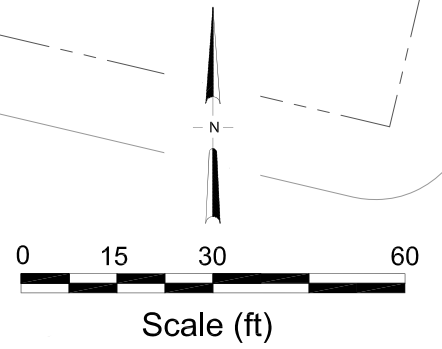


FIGURE
2

TABLE

TABLE 1

GROUNDWATER DATA
FORMER SHELL SERVICE STATION
2703 MARTIN LUTHER KING JR. WAY, OAKLAND, CALIFORNIA

Well ID	Date	TPHg (µg/L)	B (µg/L)	T (µg/L)	E (µg/L)	X (µg/L)	MTBE 8020 (µg/L)	MTBE 8260 (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)	DO Reading (mg/L)
MW-1	08/05/1996	<50	<0.50	<0.50	<0.50	<0.50	<2.5	---	---	---	---	---	23.53	8.76	14.77	---
MW-1 (D)	08/05/1996	<50	<0.50	<0.50	<0.50	<0.50	<2.5	---	---	---	---	---	23.53	---	---	---
MW-1	10/17/1996	<50	<0.50	<0.50	<0.50	<0.50	<2.5	---	---	---	---	---	23.53	9.88	13.65	---
MW-1	01/08/1997	<50	<0.50	<0.50	<0.50	<0.50	<2.5	---	---	---	---	---	23.53	6.82	16.71	---
MW-1	04/07/1997	<50	<0.50	<0.50	<0.50	<0.50	<2.5	---	---	---	---	---	23.53	7.89	15.64	---
MW-1	07/02/1997	<50	<0.50	<0.50	<0.50	<0.50	<2.5	---	---	---	---	---	23.53	8.71	14.82	---
MW-1	10/24/1997	<50	<0.50	<0.50	<0.50	<0.50	<2.5	---	---	---	---	---	23.53	9.26	14.27	---
MW-1	01/09/1998	<50	<0.50	<0.50	<0.50	<0.50	<2.5	---	---	---	---	---	23.53	7.94	15.59	---
MW-1	04/02/1998	<50	<0.50	<0.50	<0.50	<0.50	<2.5	---	---	---	---	---	23.53	7.21	16.32	---
MW-1	07/14/1998	<50	<0.50	<0.50	<0.50	<0.50	<2.5	---	---	---	---	---	23.53	7.78	15.75	---
MW-1	10/01/1998	<50	<0.50	<0.50	<0.50	<0.50	<2.5	---	---	---	---	---	23.53	8.39	15.14	---
MW-1	01/18/1999	<50.0	<0.500	0.785	<0.500	<0.500	2.36	---	---	---	---	---	23.53	8.28	15.25	---
MW-1	04/29/1999	<50	<0.50	<0.50	<0.50	<0.50	<2.5	---	---	---	---	---	23.53	8.41	15.12	---
MW-1	08/23/1999	<50.0	<0.500	<0.500	<0.500	<0.500	<2.50	---	---	---	---	---	23.53	8.17	15.36	---
MW-1	10/06/1999	<50.0	<0.500	<0.500	<0.500	<0.500	<5.00	---	---	---	---	---	23.53	9.37	14.16	---
MW-1	01/27/2000	<50.0	<0.500	<0.500	<0.500	<0.500	<2.50	---	---	---	---	---	23.53	7.52	16.01	---
MW-1	04/18/2000	<50.0	<0.500	<0.500	<0.500	<0.500	<2.50	---	---	---	---	---	23.53	7.66	15.87	---
MW-1	07/19/2000	<50.0	<0.500	<0.500	<0.500	<0.500	<2.50	---	---	---	---	---	23.53	7.81	15.72	---
MW-1	10/24/2000	<50.0	<0.500	<0.500	<0.500	<0.500	<2.50	---	---	---	---	---	23.53	8.33	15.20	---
MW-1	01/04/2001	<50.0	<0.500	<0.500	<0.500	<0.500	<2.50	---	---	---	---	---	23.53	8.33	15.20	---
MW-1	05/03/2001	<50	<0.50	<0.50	<0.50	<0.50	---	<5.0	---	---	---	---	23.53	7.83	15.70	---
MW-1	07/09/2001	<50	<0.50	<0.50	<0.50	<0.50	---	<5.0	---	---	---	---	23.53	8.60	14.93	---
MW-1	10/18/2001	<50	<0.50	<0.50	<0.50	<0.50	---	<5.0	---	---	---	---	23.53	9.01	14.52	0.2
MW-1	01/24/2002	<50	<0.50	<0.50	<0.50	<0.50	---	<5.0	---	---	---	---	23.53	7.68	15.85	2.1
MW-1	04/04/2002	<50	<0.50	<0.50	<0.50	<0.50	---	<5.0	---	---	---	---	23.53	7.38	16.15	1.1
MW-1	07/18/2002	<50	<0.50	<0.50	<0.50	<0.50	---	<5.0	---	---	---	---	23.53	7.75	15.78	2.2
MW-1	10/21/2002	<50	<0.50	<0.50	<0.50	<0.50	---	<5.0	---	---	---	---	29.53	8.10	21.43	1.6
MW-1	01/21/2003	<50	<0.50	<0.50	<0.50	<0.50	---	<5.0	---	---	---	---	29.53	7.82	21.71	0.6
MW-1	04/17/2003	<50	<0.50	<0.50	<0.50	<1.0	---	<5.0	---	---	---	---	29.53	7.76	21.77	1.7
MW-1	07/22/2003	<50	<0.50	<0.50	<0.50	<1.0	---	<0.50	---	---	---	---	29.53	7.87	21.66	1.5
MW-1	10/20/2003	<50	<0.50	<0.50	<0.50	<1.0	---	<0.50	---	---	---	---	29.53	8.67	20.86	0.8

GROUNDWATER DATA
FORMER SHELL SERVICE STATION
2703 MARTIN LUTHER KING JR. WAY, OAKLAND, CALIFORNIA

Well ID	Date	TPHg (µg/L)	B (µg/L)	T (µg/L)	E (µg/L)	X (µg/L)	MTBE 8020 (µg/L)	MTBE 8260 (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)	DO Reading (mg/L)
MW-1	01/13/2004	<50	<0.50	<0.50	<0.50	<1.0	---	<0.50	---	---	---	---	29.53	8.28	21.25	---
MW-1	01/22/2004	---	---	---	---	---	---	---	---	---	---	---	29.53	8.50	21.03	1.1
MW-1	04/01/2004	---	---	---	---	---	---	---	---	---	---	---	29.53	7.98	21.55	---
MW-1	07/13/2004	---	---	---	---	---	---	---	---	---	---	---	29.53	8.30	21.23	---
MW-1	10/26/2004	---	---	---	---	---	---	---	---	---	---	---	29.53	8.27	21.26	---
MW-1	01/13/2005	---	---	---	---	---	---	---	---	---	---	---	29.53	6.92	22.61	---
MW-1	04/28/2005	---	---	---	---	---	---	---	---	---	---	---	29.53	7.18	22.35	---
MW-1	08/01/2005	---	---	---	---	---	---	---	---	---	---	---	29.53	7.43	22.10	---
MW-1	10/05/2005	---	---	---	---	---	---	---	---	---	---	---	29.53	7.55	21.98	---
MW-1	01/11/2006	---	---	---	---	---	---	---	---	---	---	---	29.54	5.35	24.19	---
MW-1	05/26/2006	<50.0	<0.500	<0.500	<0.500	<0.500	---	<0.500	<10.0	<0.500	<0.500	<0.500	29.54	6.81	22.73	0.78
MW-1	08/30/2006	---	---	---	---	---	---	---	---	---	---	---	29.54	7.77	21.77	---
MW-1	11/08/2006	---	---	---	---	---	---	---	---	---	---	---	29.54	8.39	21.15	---
MW-1	02/22/2007	---	---	---	---	---	---	---	---	---	---	---	29.54	7.11	22.43	---
MW-1	05/29/2007	---	---	---	---	---	---	---	---	---	---	---	29.54	7.20	22.34	---
MW-1	08/27/2007	---	---	---	---	---	---	---	---	---	---	---	29.54	7.86	21.68	---
MW-1	11/08/2007	---	---	---	---	---	---	---	---	---	---	---	29.54	7.89	21.65	---
MW-1	02/20/2008	---	---	---	---	---	---	---	---	---	---	---	29.54	7.38	22.16	---
MW-1	05/01/2008	---	---	---	---	---	---	---	---	---	---	---	29.54	7.58	21.96	---
MW-1	08/12/2008	---	---	---	---	---	---	---	---	---	---	---	29.54	8.85	20.69	---
MW-1	11/26/2008	---	---	---	---	---	---	---	---	---	---	---	29.54	8.90	20.64	---
MW-1	02/03/2009	---	---	---	---	---	---	---	---	---	---	---	29.54	8.51	21.03	---
MW-1	06/02/2009	---	---	---	---	---	---	---	---	---	---	---	29.54	8.45	21.09	---
MW-1	11/10/2009	---	---	---	---	---	---	---	---	---	---	---	29.54	8.89	20.65	---
MW-1	05/10/2010	---	---	---	---	---	---	---	---	---	---	---	29.54	7.22	22.32	---
MW-1	09/09/2010	---	---	---	---	---	---	---	---	---	---	---	29.54	7.88	21.66	---
MW-1	12/03/2010	---	---	---	---	---	---	---	---	---	---	---	29.54	7.98	21.56	---
MW-1	03/02/2011	---	---	---	---	---	---	---	---	---	---	---	29.54	7.52	22.02	---
MW-1	05/31/2011	---	---	---	---	---	---	---	---	---	---	---	29.54	7.28	22.26	---
MW-1	12/13/2011	---	---	---	---	---	---	---	---	---	---	---	29.54	7.64	21.90	---

TABLE 1

**GROUNDWATER DATA
FORMER SHELL SERVICE STATION
2703 MARTIN LUTHER KING JR. WAY, OAKLAND, CALIFORNIA**

Well ID	Date	TPHg (µg/L)	B (µg/L)	T (µg/L)	E (µg/L)	X (µg/L)	MTBE 8020 (µg/L)	MTBE 8260 (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)	DO Reading (mg/L)
MW-2	08/05/1996	<50	<0.50	<0.50	<0.50	<0.50	<2.5	---	---	---	---	---	22.47	8.35	14.12	---
MW-2	10/17/1996	<50	<0.50	<0.50	<0.50	<0.50	<2.5	---	---	---	---	---	22.47	9.32	13.15	---
MW-2 (D)	10/17/1996	<50	<0.50	<0.50	<0.50	<0.50	<2.5	---	---	---	---	---	22.47	---	---	---
MW-2	01/08/1997	<50	<0.50	<0.50	<0.50	<0.50	<2.5	---	---	---	---	---	22.47	6.80	15.67	---
MW-2 (D)	01/08/1997	<50	<0.50	<0.50	<0.50	<0.50	<2.5	---	---	---	---	---	22.47	---	---	---
MW-2	04/07/1997	<50	<0.50	<0.50	<0.50	<0.50	<2.5	---	---	---	---	---	22.47	7.81	14.66	---
MW-2	07/02/1997	<50	<0.50	<0.50	<0.50	<0.50	<2.5	---	---	---	---	---	22.47	8.27	14.20	---
MW-2	10/24/1997	<50	<0.50	<0.50	<0.50	<0.50	<2.5	---	---	---	---	---	22.47	9.12	13.35	---
MW-2	01/09/1998	<50	<0.50	<0.50	<0.50	<0.50	6.3	---	---	---	---	---	22.47	7.41	15.06	---
MW-2	04/02/1998	<50	<0.50	<0.50	<0.50	<0.50	<2.5	---	---	---	---	---	22.47	6.59	15.88	---
MW-2	07/14/1998	<50	<0.50	<0.50	<0.50	<0.50	<2.5	---	---	---	---	---	22.47	7.49	14.98	---
MW-2	10/01/1998	<50	<0.50	<0.50	<0.50	0.59	<2.5	---	---	---	---	---	22.47	8.58	13.89	---
MW-2	01/18/1999	<50.0	<0.500	0.971	<0.500	<0.500	2.47	---	---	---	---	---	22.47	8.68	13.79	---
MW-2	04/29/1999	<50	<0.50	<0.50	<0.50	<0.50	<2.5	---	---	---	---	---	22.47	8.62	13.85	---
MW-2	08/23/1999	<50.0	<0.500	<0.500	<0.500	<0.500	<2.50	---	---	---	---	---	22.47	7.43	15.04	---
MW-2	10/06/1999	<50.0	<0.500	<0.500	<0.500	<0.500	<5.00	---	---	---	---	---	22.47	9.00	13.47	---
MW-2	01/27/2000	<50.0	<0.500	<0.500	<0.500	<0.500	<2.50	---	---	---	---	---	22.47	8.15	14.32	---
MW-2	04/18/2000	<50.0	<0.500	<0.500	<0.500	<0.500	<2.50	---	---	---	---	---	22.47	7.04	15.43	---
MW-2	07/19/2000	<50.0	<0.500	<0.500	<0.500	<0.500	<2.50	---	---	---	---	---	22.47	7.13	15.34	---
MW-2	10/24/2000	<50.0	<0.500	<0.500	<0.500	<0.500	<2.50	---	---	---	---	---	22.47	8.78	13.69	---
MW-2	01/04/2001	<50.0	<0.500	<0.500	<0.500	<0.500	<2.50	---	---	---	---	---	22.47	8.33	14.14	---
MW-2	05/03/2001	<50	<0.50	<0.50	<0.50	<0.50	---	<5.0	---	---	---	---	22.47	7.24	15.23	---
MW-2	07/09/2001	<50	<0.50	<0.50	<0.50	<0.50	---	<5.0	---	---	---	---	22.47	8.55	13.92	---
MW-2	10/18/2001	<50	<0.50	<0.50	<0.50	<0.50	---	<5.0	---	---	---	---	22.47	9.42	13.05	---
MW-2	01/24/2002	<50	<0.50	<0.50	<0.50	<0.50	---	<5.0	---	---	---	---	22.47	7.23	15.24	---
MW-2	04/04/2002	<50	<0.50	<0.50	<0.50	<0.50	---	<5.0	---	---	---	---	22.47	6.90	15.57	---
MW-2	07/18/2002	<50	<0.50	<0.50	<0.50	<0.50	---	<5.0	---	---	---	---	22.47	7.97	14.50	---
MW-2	10/21/2002	<50	<0.50	<0.50	<0.50	<0.50	---	<5.0	---	---	---	---	28.47	8.62	19.85	---
MW-2	01/21/2003	<50	<0.50	<0.50	<0.50	<0.50	---	<5.0	---	---	---	---	28.47	7.08	21.39	---
MW-2	04/17/2003	<50	<0.50	<0.50	0.98	2.5	---	<5.0	---	---	---	---	28.47	6.94	21.53	---
MW-2	07/22/2003	<50	<0.50	<0.50	<0.50	<1.0	---	<5.0	---	---	---	---	28.47	8.10	20.37	---

TABLE 1

GROUNDWATER DATA
FORMER SHELL SERVICE STATION
2703 MARTIN LUTHER KING JR. WAY, OAKLAND, CALIFORNIA

Well ID	Date	TPHg (µg/L)	B (µg/L)	T (µg/L)	E (µg/L)	X (µg/L)	MTBE		TBA (µg/L)	DIPE (µg/L)	ETBE (µg/L)	TAME (µg/L)	TOC (ft MSL)	Depth to	GW	DO
							8020 (µg/L)	8260 (µg/L)						Water	Elevation	Reading
MW-2	10/20/2003	<50	<0.50	<0.50	<0.50	<1.0	---	<0.50	---	---	---	---	28.47	9.09	19.38	---
MW-2	01/13/2004	<50	<0.50	<0.50	<0.50	<1.0	---	<0.50	---	---	---	---	28.47	7.28	21.19	---
MW-2	01/22/2004	---	---	---	---	---	---	---	---	---	---	---	28.47	8.99	19.48	2.8
MW-2	04/01/2004	---	---	---	---	---	---	---	---	---	---	---	28.47	6.88	21.59	---
MW-2	07/13/2004	---	---	---	---	---	---	---	---	---	---	---	28.47	8.28	20.19	---
MW-2	10/26/2004	---	---	---	---	---	---	---	---	---	---	---	28.47	8.43	20.04	---
MW-2	01/13/2005	---	---	---	---	---	---	---	---	---	---	---	28.47	6.52	21.95	---
MW-2	04/28/2005	---	---	---	---	---	---	---	---	---	---	---	28.47	6.38	22.09	---
MW-2	08/01/2005	---	---	---	---	---	---	---	---	---	---	---	28.47	7.73	20.74	---
MW-2	10/05/2005	---	---	---	---	---	---	---	---	---	---	---	28.47	8.47	20.00	---
MW-2	01/11/2006	---	---	---	---	---	---	---	---	---	---	---	28.48	6.30	22.18	---
MW-2	05/26/2006	59.9	<0.500	<0.500	<0.500	<0.500	---	<0.500	<10.0	<0.500	<0.500	<0.500	28.48	6.84	21.64	3.02
MW-2	08/30/2006	---	---	---	---	---	---	---	---	---	---	---	28.48	8.11	20.37	---
MW-2	11/08/2006	---	---	---	---	---	---	---	---	---	---	---	28.48	8.61	19.87	---
MW-2	02/22/2007	---	---	---	---	---	---	---	---	---	---	---	28.48	6.92	21.56	---
MW-2	05/29/2007	---	---	---	---	---	---	---	---	---	---	---	28.48	7.32	21.16	---
MW-2	08/27/2007	---	---	---	---	---	---	---	---	---	---	---	28.48	8.38	20.10	---
MW-2	11/08/2007	---	---	---	---	---	---	---	---	---	---	---	28.48	8.58	19.90	---
MW-2	02/20/2008	---	---	---	---	---	---	---	---	---	---	---	28.48	6.48	22.00	---
MW-2	05/01/2008	---	---	---	---	---	---	---	---	---	---	---	28.48	19.00	9.48	---
MW-2	08/12/2008	---	---	---	---	---	---	---	---	---	---	---	28.48	8.53	19.95	---
MW-2	11/26/2008	---	---	---	---	---	---	---	---	---	---	---	28.48	8.88	19.60	---
MW-2	02/03/2009	---	---	---	---	---	---	---	---	---	---	---	28.48	8.20	20.28	---
MW-2	06/02/2009	---	---	---	---	---	---	---	---	---	---	---	28.48	7.50	20.98	---
MW-2	11/10/2009	---	---	---	---	---	---	---	---	---	---	---	28.48	8.69	19.79	---
MW-2	05/10/2010	---	---	---	---	---	---	---	---	---	---	---	28.48	7.09	21.39	---
MW-2	09/09/2010	---	---	---	---	---	---	---	---	---	---	---	28.48	8.70	19.78	---
MW-2	12/03/2010	---	---	---	---	---	---	---	---	---	---	---	28.48	8.22	20.26	---
MW-2	03/02/2011	---	---	---	---	---	---	---	---	---	---	---	28.48	6.40	22.08	---
MW-2	05/31/2011	---	---	---	---	---	---	---	---	---	---	---	28.48	7.46	21.02	---
MW-2	12/13/2011	---	---	---	---	---	---	---	---	---	---	---	28.48	8.28	20.20	---

TABLE 1

**GROUNDWATER DATA
FORMER SHELL SERVICE STATION
2703 MARTIN LUTHER KING JR. WAY, OAKLAND, CALIFORNIA**

Well ID	Date	TPHg (µg/L)	B (µg/L)	T (µg/L)	E (µg/L)	X (µg/L)	MTBE 8020 (µg/L)	MTBE 8260 (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)	DO Reading (mg/L)
MW-3	04/25/2001	---	---	---	---	---	---	---	---	---	---	---	22.30	7.16	15.14	---
MW-3	05/03/2001	<100	<0.50	<0.50	<0.50	<0.50	---	<5.0	---	---	---	---	22.30	7.28	15.02	---
MW-3	07/09/2001	<50	<0.50	<0.50	<0.50	<0.50	---	<5.0	---	---	---	---	22.30	8.45	13.85	---
MW-3	10/18/2001	<50	<0.50	<0.50	<0.50	<0.50	---	<5.0	---	---	---	---	22.30	9.44	12.86	---
MW-3	01/24/2002	<50	<0.50	<0.50	<0.50	<0.50	---	<5.0	---	---	---	---	22.30	5.88	16.42	---
MW-3	04/04/2002	<50	<0.50	<0.50	<0.50	<0.50	---	<5.0	---	---	---	---	22.30	6.68	15.62	---
MW-3	07/18/2002	<50	<0.50	<0.50	<0.50	<0.50	---	<5.0	---	---	---	---	22.30	7.63	14.67	---
MW-3	10/21/2002	<50	<0.50	<0.50	<0.50	<0.50	---	<5.0	---	---	---	---	28.30	8.56	19.74	---
MW-3	01/21/2003	<50	<0.50	<0.50	<0.50	<0.50	---	<5.0	---	---	---	---	28.30	6.95	21.35	---
MW-3	04/17/2003	<50	<0.50	<0.50	<0.50	<1.0	---	<5.0	---	---	---	---	28.30	6.77	21.53	---
MW-3	07/22/2003	<50	<0.50	<0.50	<0.50	<1.0	---	<0.50	---	---	---	---	28.30	7.92	20.38	---
MW-3	10/20/2003	<50	<0.50	<0.50	<0.50	<1.0	---	<0.50	---	---	---	---	28.30	9.12	19.18	---
MW-3	01/13/2004	<50	<0.50	<0.50	<0.50	<1.0	---	<0.50	---	---	---	---	28.30	7.21	21.09	---
MW-3	01/22/2004	---	---	---	---	---	---	---	---	---	---	---	28.30	9.00	19.30	0.6
MW-3	04/01/2004	---	---	---	---	---	---	---	---	---	---	---	28.30	6.65	21.65	---
MW-3	07/13/2004	---	---	---	---	---	---	---	---	---	---	---	28.30	8.24	20.06	---
MW-3	10/26/2004	---	---	---	---	---	---	---	---	---	---	---	28.30	8.50	19.80	---
MW-3	01/13/2005	---	---	---	---	---	---	---	---	---	---	---	28.30	6.32	21.98	---
MW-3	04/28/2005	---	---	---	---	---	---	---	---	---	---	---	28.30	6.05	22.25	---
MW-3	08/01/2005	---	---	---	---	---	---	---	---	---	---	---	28.30	7.65	20.65	---
MW-3	10/05/2005	---	---	---	---	---	---	---	---	---	---	---	28.30	8.31	19.99	---
MW-3	01/11/2006	---	---	---	---	---	---	---	---	---	---	---	28.30	6.10	22.20	---
MW-3	05/26/2006	<50.0	<0.500	<0.500	<0.500	<0.500	---	<0.500	<10.0	2.87	<0.500	<0.500	28.30	6.72	21.58	1.46
MW-3	08/30/2006	---	---	---	---	---	---	---	---	---	---	---	28.30	8.12	20.18	---
MW-3	11/08/2006	---	---	---	---	---	---	---	---	---	---	---	28.30	8.71	19.59	---
MW-3	02/22/2007	---	---	---	---	---	---	---	---	---	---	---	28.30	6.78	21.52	---
MW-3	05/29/2007	---	---	---	---	---	---	---	---	---	---	---	28.30	7.20	21.10	---
MW-3	08/27/2007	---	---	---	---	---	---	---	---	---	---	---	28.30	8.18	20.12	---
MW-3	11/08/2007	---	---	---	---	---	---	---	---	---	---	---	28.30	8.41	19.89	---
MW-3	02/20/2008	---	---	---	---	---	---	---	---	---	---	---	28.30	6.31	21.99	---

TABLE 1

**GROUNDWATER DATA
FORMER SHELL SERVICE STATION
2703 MARTIN LUTHER KING JR. WAY, OAKLAND, CALIFORNIA**

Well ID	Date	TPHg (µg/L)	B (µg/L)	T (µg/L)	E (µg/L)	X (µg/L)	MTBE 8020 (µg/L)	MTBE 8260 (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)	DO Reading (mg/L)
MW-3	05/01/2008	---	---	---	---	---	---	---	---	---	---	---	28.30	7.52	20.78	---
MW-3	08/12/2008	---	---	---	---	---	---	---	---	---	---	---	28.30	8.32	19.98	---
MW-3	11/26/2008	---	---	---	---	---	---	---	---	---	---	---	28.30	8.71	19.59	---
MW-3	02/03/2009	---	---	---	---	---	---	---	---	---	---	---	28.30	8.08	20.22	---
MW-3	06/02/2009	---	---	---	---	---	---	---	---	---	---	---	28.30	7.28	21.02	---
MW-3	11/10/2009	---	---	---	---	---	---	---	---	---	---	---	28.30	8.72	19.58	---
MW-3	05/10/2010	---	---	---	---	---	---	---	---	---	---	---	28.30	6.71	21.59	---
MW-3	09/09/2010	---	---	---	---	---	---	---	---	---	---	---	28.30	8.59	19.71	---
MW-3	12/03/2010	---	---	---	---	---	---	---	---	---	---	---	28.30	8.26	20.04	---
MW-3	03/02/2011	---	---	---	---	---	---	---	---	---	---	---	28.30	6.12	22.18	---
MW-3	05/31/2011	---	---	---	---	---	---	---	---	---	---	---	28.30	7.32	20.98	---
MW-3	12/13/2011	---	---	---	---	---	---	---	---	---	---	---	28.30	8.19	20.11	---
MW-4	04/25/2001	---	---	---	---	---	---	---	---	---	---	---	22.51	7.05	15.46	---
MW-4	05/03/2001	8,000	3,500	24	37	350	---	<200	---	---	---	---	22.51	6.66	15.85	---
MW-4	07/09/2001	16,000	4,100	32	890	790	---	<200	---	---	---	---	22.51	8.28	14.23	---
MW-4	10/18/2001	12,000	3,300	<20	430	220	---	<200	---	---	---	---	22.51	9.40	13.11	---
MW-4	01/24/2002	5,500	1,200	<5.0	280	240	---	<50	---	---	---	---	22.51	5.73	16.78	---
MW-4	04/04/2002	2,000	350	1.4	13	7.8	---	<10	---	---	---	---	22.51	5.62	16.89	---
MW-4	07/18/2002	3,400	440	1.3	200	98	---	<5.0	---	---	---	---	22.51	6.94	15.57	---
MW-4	10/21/2002	16,000	3,100	11	1,200	970	---	<5.0	---	---	---	---	28.51	8.04	20.47	---
MW-4	01/21/2003	3,600	720	3.9	110	58	---	<25	---	---	---	---	28.51	6.10	22.41	---
MW-4	04/17/2003	3,700	810	<5.0	140	17	---	<50	---	---	---	---	28.51	5.97	22.54	---
MW-4	07/22/2003	3,700	450	<2.5	110	7.9	---	<2.5	---	---	---	---	28.51	6.37	22.14	---
MW-4	10/20/2003	11,000 c	2,500	<20	550	95	---	<20	---	---	---	---	28.51	8.99	19.52	---
MW-4	01/13/2004	6,600	1,500	<10	41	37	---	<10	---	---	---	---	28.51	6.67	21.84	---
MW-4	01/22/2004	---	---	---	---	---	---	---	---	---	---	---	28.51	8.80	19.71	0.3
MW-4	04/01/2004	9,500	2,100	12	170	30	---	---	---	---	---	---	28.51	6.28	22.23	0.1
MW-4	07/13/2004	12,000	3,600	39	160	58	---	<25	<250	<100	<100	<100	28.51	8.20	20.31	0.1
MW-4	10/26/2004	11,000	2,800	<25	100	<50	---	---	---	---	---	---	28.51	8.00	20.51	0.6
MW-4	01/13/2005	12,000	2,200	14	110	43	---	---	---	---	---	---	28.51	6.03	22.48	0.1

TABLE 1

**GROUNDWATER DATA
FORMER SHELL SERVICE STATION
2703 MARTIN LUTHER KING JR. WAY, OAKLAND, CALIFORNIA**

Well ID	Date	TPHg (µg/L)	B (µg/L)	T (µg/L)	E (µg/L)	X (µg/L)	MTBE 8020 (µg/L)	MTBE 8260 (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)	DO Reading (mg/L)
MW-4	04/28/2005	8,600	2,300	27	200	49	---	---	---	---	---	---	28.51	5.93	22.58	3.71
MW-4	08/01/2005	11,000	3,900	57	180	47	---	<10	<100	<40	<40	<40	28.51	6.20	22.31	---
MW-4	10/05/2005	9,400	3,300	45	88	33	---	---	---	---	---	---	28.51	8.22	20.29	2.76
MW-4	01/11/2006	3,900 a	1,700 a	14	95	78	---	<0.50	32	7.4	<0.50	<0.50	28.51	4.25	24.26	0.6
MW-4	05/26/2006	6,730	455	1.90	56.7	44.8	---	<0.500	<10.0	4.36	<0.500	<0.500	28.51	5.90	22.61	0.54
MW-4	08/30/2006	29,600	2,740	30.0	448	237	---	<0.500	<10.0	<0.500	<0.500	<0.500	28.51	7.98	20.53	0.44/0.46
MW-4	11/08/2006	6,300	1,500	13	130	67	---	---	---	---	---	---	28.51	8.52	19.99	0.05/0.22
MW-4	02/22/2007	11,000	2,200	18	620	310	---	---	---	---	---	---	28.51	5.63	22.88	2.96/2.98
MW-4	05/29/2007	14,000 c, i	3,200	27	640	249.0	---	---	---	---	---	---	28.51	6.60	21.91	0.19/0.11
MW-4	08/27/2007	12,000 i	1,900	19 k	250	80.9 k	---	<25	<250	<50	<50	<50	28.51	8.50	20.01	0.85/1.71
MW-4	11/08/2007	6,400 i	1,400	11 k	70	37.9 k	---	---	---	---	---	---	28.51	8.21	20.30	1.09/2.63
MW-4	02/20/2008	12,000 i	2,700	<20	690	396	---	---	---	---	---	---	28.51	4.86	23.65	0.46/0.12
MW-4	05/01/2008	8,500	2,000	<20	260	62	---	---	---	---	---	---	28.51	7.00	21.51	0.2/0.2
MW-4	08/12/2008	8,400	1,800	22	<20	24	---	<20	<200	<40	<40	<40	28.51	8.31	20.20	0.21/0.68
MW-4	11/26/2008	6,900	1,800	<20	120	<20	---	---	---	---	---	---	28.51	8.94	19.57	0.88/2.18
MW-4	02/03/2009	8,800	1,800	<20	160	96	---	---	---	---	---	---	28.51	7.64	20.87	0.15/0.26
MW-4	06/02/2009	15,000	3,000	58	340	55	---	---	---	---	---	---	28.51	6.82	21.69	0.26/0.65
MW-4	11/10/2009	13,000	2,200	37	180	91	---	<20	<200	<40	<40	<40	28.51	8.38	20.13	0.61/0.57
MW-4	05/10/2010	12,000	3,100	37	570	140	---	---	---	---	---	---	28.51	5.42	23.09	0.26/2.84
MW-4	09/09/2010	---	---	---	---	---	---	---	---	---	---	---	28.51	8.31	20.20	---
MW-4	12/03/2010	6,400	1,600	21	96	68	---	<20	<200	<40	<40	<40	28.51	7.75	20.76	0.52/0.45
MW-4	03/02/2011	---	---	---	---	---	---	---	---	---	---	---	28.51	4.25	24.26	---
MW-4	05/31/2011	11,000	3,200	61	520	68	---	---	---	---	---	---	28.51	6.34	22.17	1.46/2.63
MW-4	12/13/2011	4,000	1,120	31.1	83.0	30.3	---	<0.500	<10.0	4.64	<0.500	<0.500	28.51	7.90	20.61	0.59/0.19
MW-5	04/25/2001	---	---	---	---	---	---	---	---	---	---	---	23.54	7.36	16.18	---
MW-5	05/03/2001	160,000	12,000	20,000	3,600	23,000	---	<500	---	---	---	---	23.54	7.77	15.77	---
MW-5	07/09/2001	130,000	11,000	19,000	4,500	22,000	---	<500	---	---	---	---	23.54	9.32	14.22	---
MW-5	10/18/2001	120,000	12,000	23,000	4,200	21,000	---	<500	---	---	---	---	23.54	9.39	14.15	0.5
MW-5	01/24/2002	34,000	3,300	3,300	960	6,000	---	<100	---	---	---	---	23.54	7.05	16.49	4.0
MW-5	04/04/2002	32,000	2,100	2,800	730	6,400	---	<200	---	---	---	---	23.54	6.89	16.65	1.0

**GROUNDWATER DATA
FORMER SHELL SERVICE STATION
2703 MARTIN LUTHER KING JR. WAY, OAKLAND, CALIFORNIA**

Well ID	Date	TPHg (µg/L)	B (µg/L)	T (µg/L)	E (µg/L)	X (µg/L)	MTBE		TBA (µg/L)	DIPE (µg/L)	ETBE (µg/L)	TAME (µg/L)	TOC (ft MSL)	Depth to	GW	DO
							8020 (µg/L)	8260 (µg/L)						Water	Elevation	Reading
MW-5	07/18/2002	75,000	7,500	4,700	2,700	15,000	---	<500	---	---	---	---	23.54	8.48	15.06	1.2
MW-5	10/21/2002	140,000	13,000	18,000	4,000	26,000	---	<500	---	---	---	---	29.54	9.21	20.33	1.1
MW-5	01/21/2003	47,000	6,400	3,500	370	8,300	---	<500	---	---	---	---	29.54	7.23	22.31	0.8
MW-5	04/17/2003	93,000	9,700	16,000	3,200	20,000	---	<500	---	---	---	---	29.54	6.61	22.93	0.8
MW-5	07/22/2003	110,000	9,500	15,000	560	23,000	---	<50	---	---	---	---	29.54	8.68	20.86	1.2
MW-5	10/20/2003	88,000	6,600	12,000	1,900	16,000	---	<50	---	---	---	---	29.54	9.71	19.83	0.1
MW-5	01/13/2004	4,600	460	140	<10	930	---	<10	---	---	---	---	29.54	7.30	22.24	---
MW-5	01/22/2004	---	---	---	---	---	---	---	---	---	---	---	29.54	9.51	20.03	0.3
MW-5	04/01/2004	70,000	7,900	11,000	2,100	17,000	---	---	---	---	---	---	29.54	6.80	22.74	0.1
MW-5	07/13/2004	66,000	5,900	10,000	1,900	16,000	---	<50	<500	<200	<200	<200	29.54	9.28	20.26	0.1
MW-5	10/26/2004	6,600	670	110	7.4	2,000	---	---	---	---	---	---	29.54	8.75	20.79	0.8
MW-5	01/13/2005	9,500	1,300	950	360	1,900	---	---	---	---	---	---	29.54	5.87	23.67	6.3
MW-5	04/28/2005	17,000	2,400	1,200	320	3,400	---	---	---	---	---	---	29.54	6.32	23.22	3.54
MW-5	08/01/2005	70,000	6,600	11,000	3,400	17,000	---	<50	<500	<200	<200	<200	29.54	8.27	21.27	---
MW-5	10/05/2005	93,000	8,600	15,000	4,500	23,000	---	---	---	---	---	---	29.54	9.12	20.42	1.43
MW-5	01/11/2006	12,000	1,900	550	2,400	3,800	---	<25	<250	<25	<25	<25	29.61	5.52	24.09	0.6
MW-5	05/26/2006	112,000	6,600	11,100	3,870	19,900 g	---	<0.500	<10.0	5.37	<0.500	<0.500	29.61	7.02	22.59	0.45
MW-5	08/30/2006	281,000	8,050	15,400	4,770	26,800	---	<0.500	<10.0	<0.500	<0.500	60.6	29.61	8.93	20.68	0.55/0.51
MW-5	11/08/2006	83,000	7,000	7,400	3,200	16,000	---	---	---	---	---	---	29.61	9.40	20.21	0.08/0.05
MW-5	02/22/2007	35,000	9,500	13,000	5,300	23,000	---	---	---	---	---	---	29.61	6.87	22.74	1.17/3.17
MW-5	05/29/2007	94,000 i	6,400	9,900	4,300	22,000	---	---	---	---	---	---	29.61	7.85	21.76	0.08/0.19
MW-5	08/27/2007	110,000 i	6,900	11,000	4,300	22,000	---	<100	<1000	<200	<200	<200	29.61	9.13	20.48	0.08/0.22
MW-5	11/08/2007	61,000 i	7,500	5,300	4,700	20,400	---	---	---	---	---	---	29.61	9.27	20.34	2.15/0.65
MW-5	02/20/2008	92,000 i	14,000	14,000	5,900	30,800	---	---	---	---	---	---	29.61	6.02	23.59	0.17/0.18
MW-5	05/01/2008	130,000	8,200	12,000	4,600	24,900	---	---	---	---	---	---	29.61	8.20	21.41	0.2/0.1
MW-5	08/12/2008	150,000	7,600	12,000	8,900	24,800	---	<100	<1,000	<200	<200	<200	29.61	9.42	20.19	0.14/0.51
MW-5	11/26/2008	110,000	7,900	12,000	4,500	27,500	---	---	---	---	---	---	29.61	9.86	19.75	1.26/0.95
MW-5	02/03/2009	130,000	8,500	10,000	4,400	24,000	---	---	---	---	---	---	29.61	8.67	20.94	0.30/0.23
MW-5	06/02/2009	150,000	7,000	10,000	4,600	25,000	---	---	---	---	---	---	29.61	8.02	21.59	0.28/0.28
MW-5	11/10/2009	150,000	6,900	10,000	4,600	26,000	---	<100	<1000	<200	<200	<200	29.61	9.41	20.20	0.48/0.49
MW-5	05/10/2010	80,000	5,700	7,100	4,000	22,000	---	---	---	---	---	---	29.61	6.72	22.89	0.22/0.29

TABLE 1

**GROUNDWATER DATA
FORMER SHELL SERVICE STATION
2703 MARTIN LUTHER KING JR. WAY, OAKLAND, CALIFORNIA**

Well ID	Date	TPHg (µg/L)	B (µg/L)	T (µg/L)	E (µg/L)	X (µg/L)	MTBE		TBA (µg/L)	DIPE (µg/L)	ETBE (µg/L)	TAME (µg/L)	TOC (ft MSL)	Depth to Water (ft TOC)	GW Elevation (ft MSL)	DO Reading (mg/L)
							8020 (µg/L)	8260 (µg/L)								
MW-5	09/09/2010	---	---	---	---	---	---	---	---	---	---	---	29.61	9.51	20.10	---
MW-5	12/03/2010	73,000	5,400	8,500	4,100	21,000	---	<100	<1,000	<200	<200	<200	29.61	8.70	20.91	0.39/0.38
MW-5	03/02/2011	---	---	---	---	---	---	---	---	---	---	---	29.61	5.04	24.57	---
MW-5	05/31/2011	72,000	5,800	7,000	4,400	23,000	---	---	---	---	---	---	29.61	7.52	22.09	0.92/1.21
MW-5	12/13/2011	130,000	9,070	10,900	7,200	38,000	---	<0.500	<10.0	<0.500	<0.500	<0.500	29.61	8.85	20.76	0.66/0.47
MW-6	01/09/2006	---	---	---	---	---	---	---	---	---	---	---	28.60	4.18	24.42	---
MW-6	01/11/2006	150,000	9,300	1,600	5,100	24,000	---	<2.5 a	51 a	17 a	<2.5 a	<2.5 a	28.60	4.50	24.10	3.6
MW-6	05/26/2006	67,300	6,930	870	2,440	7,590 g	---	<5.00	<100	10.1	<5.00	<5.00	28.60	6.10	22.50	0.49
MW-6	08/30/2006	7,060	6,090	1,180	2,040	7,200	---	<0.500	<10.0	<0.500	<0.500	<0.500	28.60	8.05	20.55	0.39/0.56
MW-6	11/08/2006	8,200	1,900	200	350	890	---	---	---	---	---	---	28.60	8.53	20.07	0.12/0.95
MW-6	02/22/2007	49,000	7,300	2,300	3,600	9,500	---	---	---	---	---	---	28.60	5.94	22.66	1.54/2.03
MW-6	05/29/2007	30,000 c, i	4,100	1,000	1,600	4,900	---	---	---	---	---	---	28.60	6.87	21.73	0.11/0.51
MW-6	08/27/2007	36,000 i	2,000	440	1,000	3,400	---	<25	<250	15 k	<50	<50	28.60	8.22	20.38	0.08/0.15
MW-6	11/08/2007	7,000 i	850	130	270	880	---	---	---	---	---	---	28.60	8.32	20.28	0.94/2.48
MW-6	02/20/2008	28,000 i	6,900	1,300	1,900	7,000	---	---	---	---	---	---	28.60	5.03	23.57	0.14/0.09
MW-6	05/01/2008	24,000	4,400	940	1,000	3,500	---	---	---	---	---	---	28.60	7.15	21.45	0.05/0.04
MW-6	08/12/2008	30,000	1,900	380	1,300	3,600	---	<50	<500	<100	<100	<100	28.60	8.49	20.11	0.49/0.99
MW-6	11/26/2008	15,000	2,400	320	590	2,120	---	---	---	---	---	---	28.60	8.93	19.67	0.79/2.30
MW-6	02/03/2009	25,000	3,000	330	790	3,000	---	---	---	---	---	---	28.60	7.69	20.91	0.24/0.09
MW-6	06/02/2009	Well inaccessible		---	---	---	---	---	---	---	---	---	28.60	---	---	---
MW-6	11/10/2009	19,000	2,500	490	620	2,200	---	<25	<250	<50	<50	<50	28.60	8.47	20.13	2.82/1.98
MW-6	05/10/2010	15,000	4,100	700	790	2,300	---	---	---	---	---	---	28.60	5.64	22.96	0.21/0.35
MW-6	09/09/2010	---	---	---	---	---	---	---	---	---	---	---	28.60	8.54	20.06	---
MW-6	12/03/2010	5,700	1,800	240	250	870	---	<25	<250	<50	<50	<50	28.60	7.88	20.72	0.38/0.53
MW-6	03/02/2011	---	---	---	---	---	---	---	---	---	---	---	28.60	4.08	24.52	---
MW-6	05/31/2011	33,000	6,200	1,900	1,700	5,800	---	---	---	---	---	---	28.60	6.25	22.35	0.80/2.21
MW-6	12/13/2011	12,000	2,700	556	548	1,880	---	<0.500	<10.0	9.68	<0.500	<0.500	28.60	8.01	20.59	0.81/0.99
MW-7	01/09/2006	---	---	---	---	---	---	---	---	---	---	---	29.71	5.50	24.21	---
MW-7	01/11/2006	79,000	9,800	1,800	1,900	20,000	---	<5.0 a	64 a	28 a	<5.0 a	<5.0 a	29.71	5.70	24.01	1.0

TABLE 1

**GROUNDWATER DATA
FORMER SHELL SERVICE STATION
2703 MARTIN LUTHER KING JR. WAY, OAKLAND, CALIFORNIA**

Well ID	Date	TPHg (µg/L)	B (µg/L)	T (µg/L)	E (µg/L)	X (µg/L)	MTBE 8020 (µg/L)	MTBE 8260 (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)	DO Reading (mg/L)
MW-7	05/26/2006	98,200	9,620	1,150	3,490	13,400 g	---	<5.00	885	30.8	<5.00	<5.00	29.71	7.24	22.47	0.30
MW-7	08/30/2006	146,000	8,740	980	3,440	15,400	---	<0.500	<10.0	22.7	<0.500	<0.500	29.71	9.03	20.68	0.51/0.46
MW-7	11/08/2006	61,000	6,600	880	2,800	12,000	---	---	---	---	---	---	29.71	9.49	20.22	0.02/0.13
MW-7	02/22/2007	50,000	3,400	910	2,200	13,000	---	---	---	---	---	---	29.71	7.00	22.71	0.96/2.57
MW-7	05/29/2007	26,000 c, i	2,700	320	850	3,590	---	---	---	---	---	---	29.71	8.01	21.70	0.09/0.15
MW-7	08/27/2007	37,000 i	3,300	240	1,300	4,060	---	<25	<250	20 k	<50	<50	29.71	9.30	20.41	1.23/1.64
MW-7	11/08/2007	26,000 i	3,000	120	1,000	2,810	---	---	---	---	---	---	29.71	9.39	20.32	0.80/1.39
MW-7	02/20/2008	20,000 i	1,400	210	600	4,800	---	---	---	---	---	---	29.71	3.33	26.38	3.72/0.58
MW-7	05/01/2008	16,000	1,700	66	85	1,380	---	---	---	---	---	---	29.71	8.28	21.43	0.2/0.1
MW-7	08/12/2008	27,000	1,700	73	1,100	2,490	---	<20	<200	<40	<40	<40	29.71	9.61	20.10	1.49/1.93
MW-7	11/26/2008	25,000	2,300	61	62	1,400	---	---	---	---	---	---	29.71	9.94	19.77	0.85/1.10
MW-7	02/03/2009	54,000	2,900	170	520	5,800	---	---	---	---	---	---	29.71	8.80	20.91	0.17/0.62
MW-7	06/02/2009	14,000	1,100	43	23	810	---	---	---	---	---	---	29.71	8.16	21.55	0.21/0.18
MW-7	11/10/2009	17,000	900	42	63	1,400	---	<10	<100	<20	<20	<20	29.71	9.56	20.15	0.54/0.33
MW-7	05/10/2010	6,900	650	24	24	610	---	---	---	---	---	---	29.71	6.86	22.85	0.37/0.19
MW-7	09/09/2010	---	---	---	---	---	---	---	---	---	---	---	29.71	9.70	20.01	---
MW-7	12/03/2010	8,100	550	16	20	520	---	<5.0	<50	<10	<10	<10	29.71	8.95	20.76	0.41/0.37
MW-7	03/02/2011	---	---	---	---	---	---	---	---	---	---	---	29.71	4.67	25.04	---
MW-7	05/31/2011	6,200	530	16	8.5	320	---	---	---	---	---	---	29.71	7.54	22.17	0.63/0.87
MW-7	12/13/2011	8,800	689	8.85	9.68	200	---	<0.500	<10.0	1.99	<0.500	<0.500	29.71	8.93	20.78	0.38/0.35
MW-8	01/09/2006	---	---	---	---	---	---	---	---	---	---	---	29.54	5.56	23.98	---
MW-8	01/11/2006	32,000	2,400	180	66	5,500	---	<0.50 a	35 a	15 a	<0.50 a	<0.50 a	29.54	5.53	24.01	0.8
MW-8	05/26/2006	24,800	423	73.0	166	2,820 g	---	<0.500	<10.0	2.18	<0.500	<0.500	29.54	7.02	22.52	0.35
MW-8	08/30/2006	72,100	1,770	114	324	3,140	---	<0.500	<10.0	23.3	<0.500	<0.500	29.54	8.81	20.73	0.51/0.50
MW-8	11/08/2006	24,000	2,000	90	190	3,400	---	---	---	---	---	---	29.54	9.25	20.29	0.11/0.40
MW-8	02/22/2007	26,000	2,100	110	180	4,400	---	---	---	---	---	---	29.54	7.08	22.46	1.37/1.71
MW-8	05/29/2007	31,000 i	2,600	99	250	3,140	---	---	---	---	---	---	29.54	7.81	21.73	0.05/0.49
MW-8	08/27/2007	41,000 i	3,400	110	260	3,880	---	<20	<200	32 k	<40	<40	29.54	9.04	20.50	0.07/0.27
MW-8	11/08/2007	42,000 i	4,900	140	440	4,000	---	---	---	---	---	---	29.54	9.14	20.40	3.20/0.10
MW-8	02/20/2008	19,000 i	760	38	52	1,930	---	---	---	---	---	---	29.54	9.00	20.54	1.72/0.13

TABLE 1

**GROUNDWATER DATA
FORMER SHELL SERVICE STATION
2703 MARTIN LUTHER KING JR. WAY, OAKLAND, CALIFORNIA**

Well ID	Date	TPHg (µg/L)	B (µg/L)	T (µg/L)	E (µg/L)	X (µg/L)	MTBE	MTBE	TBA (µg/L)	DIPE (µg/L)	ETBE (µg/L)	TAME (µg/L)	TOC (ft MSL)	Depth to	GW	DO
							8020 (µg/L)	8260 (µg/L)						Water (ft TOC)	Elevation (ft MSL)	Reading (mg/L)
MW-8	05/01/2008	18,000	1,000	35	42	1,520	---	---	---	---	---	---	29.54	8.10	21.44	1.10/0.19
MW-8	08/12/2008	33,000	1,600	69	1,100	2,730	---	<10	<100	<20	<20	<20	29.54	9.41	20.13	0.15/0.29
MW-8	11/26/2008	27,000	2,600	77	100	2,930	---	---	---	---	---	---	29.54	9.68	19.86	2.60/0.66
MW-8	02/03/2009	32,000	2,400	70	81	2,700	---	---	---	---	---	---	29.54	8.57	20.97	0.10/0.23
MW-8	06/02/2009	22,000	1,100	39	56	1,600	---	---	---	---	---	---	29.54	8.00	21.54	0.22/0.38
MW-8	11/10/2009	22,000	1,600	46	52	1,600	---	<25	<250	<50	<50	<50	29.54	9.32	20.22	0.45/0.29
MW-8	05/10/2010	9,800	340	15	21	700	---	---	---	---	---	---	29.54	6.74	22.80	0.28/0.54
MW-8	09/09/2010	---	---	---	---	---	---	---	---	---	---	---	29.54	9.52	20.02	---
MW-8	12/03/2010	13,000	720	26	29	870	---	<5.0	<50	<10	<10	<10	29.54	8.67	20.87	0.90/0.27
MW-8	03/02/2011	---	---	---	---	---	---	---	---	---	---	---	29.54	4.97	24.57	---
MW-8	05/31/2011	10,000	260	7.6	9.6	390	---	---	---	---	---	---	29.54	7.51	22.03	0.78/0.81
MW-8	12/13/2011	14,000	703	15.4	25.2	467	---	<0.500	<10.0	4.95	<0.500	<0.500	29.54	8.73	20.81	0.69/0.32
MW-9	08/27/2010	---	---	---	---	---	---	---	---	---	---	---	28.52	10.33	18.19	---
MW-9	09/09/2010	13,000	32	13	880	610	---	---	---	---	---	---	28.52	10.60	17.92	0.51/0.73
MW-9	12/03/2010	6,400	33	9.5	540	280	---	---	---	---	---	---	28.52	10.42	18.10	0.22/0.33
MW-9	03/02/2011	11,000	74	11	840	170	---	---	---	---	---	---	28.52	6.45	22.07	0.53/0.48
MW-9	05/31/2011	12,000	49	6.7	570	100	---	---	---	---	---	---	28.52	8.80	19.72	0.19/0.27
MW-9	12/13/2011	13,000	35.8	5.60	470	97.2	---	---	---	---	---	---	28.52	10.24	18.28	0.54/0.51
MW-10	08/27/2010	---	---	---	---	---	---	---	---	---	---	---	28.70	10.21	18.49	---
MW-10	09/09/2010	2,600	1.9	1.3	40	170	---	---	---	---	---	---	28.70	10.70	18.00	1.43/1.67
MW-10	12/03/2010	1,600	2.0	<1.0	25	18	---	---	---	---	---	---	28.70	10.06	18.64	0.17/0.30
MW-10	03/02/2011	1,600	2.6	0.55	41	13	---	---	---	---	---	---	28.52	6.85	21.67	0.41/0.40
MW-10	05/31/2011	2,400	2.0	0.51	60	45	---	---	---	---	---	---	28.52	7.23	21.29	0.22/0.43
MW-10	12/13/2011	2,700	2.43	<0.500	20.2	2.70	---	---	---	---	---	---	28.52	9.50	19.02	0.69/0.62
MW-11	08/27/2010	---	---	---	---	---	---	---	---	---	---	---	27.46	9.98	17.48	---
MW-11	09/09/2010	<50	<0.50	<1.0	<1.0	<1.0	---	---	---	---	---	---	27.46	10.32	17.14	1.64/1.69
MW-11	12/03/2010	<50	<0.50	<1.0	<1.0	<1.0	---	---	---	---	---	---	27.46	9.84	17.62	0.29/0.47
MW-11	03/02/2011	<50	<0.50	<0.50	<0.50	<1.0	---	---	---	---	---	---	27.46	6.13	21.33	1.08/0.88

TABLE 1

**GROUNDWATER DATA
FORMER SHELL SERVICE STATION
2703 MARTIN LUTHER KING JR. WAY, OAKLAND, CALIFORNIA**

Well ID	Date	TPHg (µg/L)	B (µg/L)	T (µg/L)	E (µg/L)	X (µg/L)	MTBE 8020 (µg/L)	MTBE 8260 (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)	DO Reading (mg/L)
MW-11	05/31/2011	<50	<0.50	<0.50	<0.50	<1.0	---	---	---	---	---	---	27.46	8.42	19.04	0.17/0.30
MW-11	12/13/2011	<50	<0.500	<0.500	<0.500	<0.500	---	---	---	---	---	---	27.46	9.93	17.53	0.36/0.52
MW-12	05/19/2006	---	---	---	---	---	---	---	---	---	---	---	31.16	8.42	22.74	---
MW-12	05/26/2006	<50.0	<0.500	<0.500	<0.500	<0.500	---	<0.500	<10.0	<0.500	<0.500	<0.500	31.16	8.44	22.72	3.88
MW-12	08/30/2006	746	<0.500	<0.500	<0.500	<0.500	---	---	---	---	---	---	31.16	9.54	21.62	1.75/1.81
MW-12	11/08/2006	<50	<0.50	<0.50	<0.50	<1.0	---	---	---	---	---	---	31.16	8.67	22.49	2.26/3.60
MW-12	02/22/2007	<50	<0.50	<1.0	<0.50	<1.0	---	---	---	---	---	---	31.16	7.72	23.44	1.60/2.91
MW-12	05/29/2007	<50 i	0.49 k	<1.0	0.14 k	0.48 k	---	---	---	---	---	---	31.16	9.00	22.16	0.60/0.61
MW-12	08/27/2007	<50 i	<0.50	<1.0	<1.0	<1.0	---	---	---	---	---	---	31.16	9.90	21.26	0.47/0.24
MW-12	11/08/2007	<50 i	<0.50	<1.0	<1.0	<1.0	---	---	---	---	---	---	31.16	9.90	21.26	3.8/3.1
MW-12	02/20/2008	<50 i	5.4	1.7	3.4	12.4	---	---	---	---	---	---	31.16	7.40	23.76	3.43/1.91
MW-12	05/01/2008	<50	<0.50	<1.0	<1.0	<1.0	---	---	---	---	---	---	31.16	9.20	21.96	0.09/0.13
MW-12	08/12/2008	<50	<0.50	<1.0	<1.0	<1.0	---	---	---	---	---	---	31.16	10.40	20.76	3.6/3.2
MW-12	11/26/2008	<50	<0.50	<1.0	<1.0	<1.0	---	---	---	---	---	---	31.16	10.59	20.57	1.80/1.32
MW-12	02/03/2009	<50	<0.50	<1.0	<1.0	<1.0	---	---	---	---	---	---	31.16	9.39	21.77	1.72/1.75
MW-12	06/02/2009	<50	<0.50	<1.0	<1.0	<1.0	---	---	---	---	---	---	31.16	9.20	21.96	0.77/1.41
MW-12	11/10/2009	<50	<0.50	<1.0	<1.0	<1.0	---	---	---	---	---	---	31.16	10.12	21.04	2.70/1.52
MW-12	05/10/2010	<50	<0.50	<1.0	<1.0	<1.0	---	---	---	---	---	---	31.16	8.41	22.75	2.65/1.42
MW-12	09/09/2010	Unable to locate	---	---	---	---	---	---	---	---	---	---	31.16	---	---	---
MW-12	12/03/2010	<50	<0.50	<1.0	<1.0	<1.0	---	---	---	---	---	---	31.16	9.32	21.84	0.74/1.29
MW-12	03/02/2011	Unable to locate	---	---	---	---	---	---	---	---	---	---	31.16	---	---	---
MW-12	05/31/2011	<50	<0.50	<0.50	<0.50	<1.0	---	---	---	---	---	---	31.16	8.80	22.36	0.59/0.91
MW-12	12/13/2011	<50	<0.500	<0.500	<0.500	<0.500	---	---	---	---	---	---	31.16	9.64	21.52	0.75/2.07
MW-14	05/19/2006	---	---	---	---	---	---	---	---	---	---	---	28.09	6.95	21.14	---
MW-14	05/26/2006	103,000	5,280	76.7	3,930	4,800 g	---	<5.00	895	49.7	<5.00	<5.00	28.09	7.05	21.04	3.60
MW-14	08/30/2006	10,200	1,260	12.5	1,310	1,330	---	<0.500	<10.0	<0.500	<0.500	<0.500	28.09	9.19	18.90	3.33/3.49
MW-14	11/08/2006	29,000	4,400 a	34	2,000	1,600	---	---	---	---	---	---	28.09	9.80	18.29	1.16/1.40
MW-14	02/22/2007	31,000	2,600	42	2,200	1,600	---	---	---	---	---	---	28.09	6.70	21.39	0.59/1.11
MW-14	05/29/2007	35,000 i	1,100	14	1,800	767	---	---	---	---	---	---	28.09	7.89	20.20	0.08/0.08

TABLE 1

**GROUNDWATER DATA
FORMER SHELL SERVICE STATION
2703 MARTIN LUTHER KING JR. WAY, OAKLAND, CALIFORNIA**

Well ID	Date	TPHg (µg/L)	B (µg/L)	T (µg/L)	E (µg/L)	X (µg/L)	MTBE 8020 (µg/L)	MTBE 8260 (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)	DO Reading (mg/L)
MW-14	08/27/2007	Well inaccessible														
MW-14	08/29/2007	45,000 i	1,000	11	870	367.8 k		<10	<100	20	<20	<20	28.09	9.25	18.84	0.09/0.16
MW-14	11/08/2007	32,000 i	1,600	22	1,500	889							28.09	9.21	18.88	0.04/0.35
MW-14	02/20/2008	23,000 i	1,800	32	1,600	1,021							28.09	6.34	21.75	0.09/0.08
MW-14	05/01/2008	16,000	830	15	870	452							28.09	7.95	20.14	0.12/0.09
MW-14	08/12/2008	34,000	1,400	26	550	1,151		<10	<100	<20	<20	<20	28.09	14.10	13.99	0.03/0.38
MW-14	11/26/2008	Well inaccessible											28.09			
MW-14	02/03/2009	39,000	1,800	27	1,700	1,400							28.09	8.66	19.43	0.16/0.19
MW-14	06/02/2009	34,000	1,100	<25	1,200	710							28.09	8.21	19.88	0.16/0.26
MW-14	11/10/2009	39,000	2,300	35	2,100	1,200		<25	<250	<50	<50	<50	28.09	9.69	18.40	0.45/1.56
MW-14	05/10/2010	5,900	150	2.1	170	54							28.09	6.64	21.45	0.49/1.38
MW-14	09/09/2010	Well inaccessible											28.09			
MW-14	12/03/2010	84,000	1,800	39	1,900	1,100		<5.0	<50	27	<10	<10	28.09	9.10	18.99	0.50/0.67
MW-14	03/02/2011												28.09	5.60	22.49	
MW-14	05/31/2011	21,000	460	10	930	460							28.09	8.85	19.24	0.47/0.77
MW-14	12/13/2011	30,000	1,370	23.8	1,590	871		<0.500	<10.0	17.8	<0.500	<0.500	28.09	9.35	18.74	0.67/0.65
V-1	08/02/1996												23.26			
V-1	08/05/1996												23.26	8.58	14.68	
V-1	10/17/1996												23.26	10.02	13.24	
V-1	01/16/1997	9,500	1,200	250	280	880	<50						23.26	5.55	17.71	
V-1	04/07/1997	2,200	42	<5.0	130	15	<25						23.26	7.40	15.86	
V-1	07/02/1997	2,600	340	5.8	49	12	74	<4.0					23.26	8.94	14.32	
V-1	10/24/1997	57,000	5,200	2,300	3,600	16,000	1,900	<200					23.26	9.43	13.83	
V-1	01/09/1998	23,000	2,400	1,700	1,300	2,300	310						23.26	6.81	16.45	
V-1 (D)	01/09/1998	24,000	2,500	1,800	1,400	2,400	450						23.26			
V-1	04/02/1998	<50	<0.50	<0.50	<0.50	<0.50	<2.5						23.26	4.58	18.68	
V-1 (D)	04/02/1998	<50	<0.50	<0.50	<0.50	<0.50	<2.5						23.26			
V-1	07/14/1998	160	1.9	<0.50	4.2	<0.50	6.1						23.26	7.51	15.75	
V-1	10/01/1998	440	18	<0.50	11	0.80	7.9						23.26	8.49	14.77	
V-1	01/18/1999	697	55.7	0.839	28.2	<0.500	9.35						23.26	8.59	14.67	

TABLE 1

**GROUNDWATER DATA
FORMER SHELL SERVICE STATION
2703 MARTIN LUTHER KING JR. WAY, OAKLAND, CALIFORNIA**

Well ID	Date	TPHg (µg/L)	B (µg/L)	T (µg/L)	E (µg/L)	X (µg/L)	MTBE		TBA (µg/L)	DIPE (µg/L)	ETBE (µg/L)	TAME (µg/L)	TOC (ft MSL)	Depth to Water (ft TOC)	GW Elevation (ft MSL)	DO Reading (mg/L)
							8020 (µg/L)	8260 (µg/L)								
V-1	04/29/1999	<50	<0.50	<0.50	<0.50	<0.50	<2.5	---	---	---	---	---	23.26	8.69	14.57	---
V-1	08/23/1999	457	33.4	3.59	16.3	<0.500	13.9	---	---	---	---	---	23.26	8.99	14.27	---
V-1	10/06/1999	714	53.7	0.740	8.69	<0.500	9.83	---	---	---	---	---	23.26	9.55	13.71	---
V-1	01/27/2000	<50.0	<0.500	<0.500	<0.500	<0.500	<2.50	---	---	---	---	---	23.26	7.19	16.07	---
V-1	04/18/2000	<50.0	<0.500	<0.500	<0.500	<0.500	<2.50	---	---	---	---	---	23.26	7.67	15.59	---
V-1	07/19/2000	255	21.7	<0.500	10.2	<0.500	7.33	<1.00 a	---	---	---	---	23.26	7.53	15.73	---
V-1	10/24/2000	200	4.05	0.566	<0.500	<0.500	7.82	---	---	---	---	---	23.26	7.38	15.88	---
V-1	01/04/2001	128	1.77	<0.500	<0.500	<0.500	6.40	<10.0	---	---	---	---	23.26	8.41	14.85	---
V-1	05/03/2001	<50	<0.50	<0.50	<0.50	<0.50	---	<5.0	---	---	---	---	23.26	7.20	16.06	---
V-1	07/09/2001	110	4.4	<0.50	0.88	1.7	---	<5.0	---	---	---	---	23.26	9.22	14.04	---
V-1	10/18/2001	1,500	180	12	43	46	---	<5.0	---	---	---	---	23.26	10.08	13.18	0.8
V-1	01/24/2002	210	7.1	15	4.6	32	---	<5.0	---	---	---	---	23.26	6.44	16.82	3.5
V-1	04/04/2002	<50	<0.50	<0.50	<0.50	<0.50	---	<5.0	---	---	---	---	23.26	6.18	17.08	1.0
V-1	07/18/2002	100	1.6	1.2	1.2	6.1	---	<5.0	---	---	---	---	23.26	8.08	15.18	1.7
V-1	10/21/2002	210	1.4	<0.50	1.0	1.3	---	<5.0	---	---	---	---	29.26	8.94	20.32	1.2
V-1	01/21/2003	61	5.2	<0.50	<0.50	<0.50	---	<5.0	---	---	---	---	29.26	6.62	22.64	0.6
V-1	04/17/2003	<50	<0.50	<0.50	<0.50	1.2	---	<5.0	---	---	---	---	29.26	6.00	23.26	1.3
V-1	07/22/2003	Well inaccessible		---	---	---	---	---	---	---	---	---	29.26	---	---	---
V-1	10/20/2003	540	11	1.6	6.0	8.9	---	<0.50	---	---	---	---	29.26	9.53	19.73	0.1
V-1	01/13/2004	<50	<0.50	<0.50	<0.50	<1.0	---	<0.50	---	---	---	---	29.26	6.62	22.64	---
V-1	01/22/2004	---	---	---	---	---	---	---	---	---	---	---	29.26	9.08	20.18	0.1
V-1	04/01/2004	<50	<0.50	<0.50	<0.50	<1.0	---	---	---	---	---	---	29.26	6.24	23.02	0.1
V-1	07/13/2004	120	1.8	<0.50	<0.50	<1.0	---	<0.50	<5.0	<2.0	<2.0	<2.0	29.26	8.78	20.48	0.1
V-1	10/26/2004	<50	<0.50	<0.50	<0.50	<1.0	---	---	---	---	---	---	29.26	8.09	21.17	0.6
V-1	01/13/2005	<50	<0.50	<0.50	<0.50	<1.0	---	---	---	---	---	---	29.26	4.30	24.96	0.1
V-1	04/28/2005	<50	<0.50	<0.50	<0.50	<1.0	---	---	---	---	---	---	29.26	5.27	23.99	3.34
V-1	08/01/2005	54	<0.50	<0.50	<0.50	<1.0	---	<0.50	<5.0	<2.0	<2.0	<2.0	29.26	7.77	21.49	---
V-1	10/05/2005	120 e	<0.50	<0.50	<0.50	<1.0	---	---	---	---	---	---	29.26	8.72	20.54	1.67
V-1	01/11/2006	<50	<0.50	<0.50	<0.50	<0.50	---	<0.50	<5.0	<0.50	<0.50	<0.50	29.24	4.78	24.46	0.3
V-1	05/26/2006	<50.0	<0.500	<0.500	<0.500	1.02 g	---	<0.500	<10.0	<0.500	<0.500	<0.500	29.24	6.61	22.63	1.94
V-1	08/30/2006	5,660	6.81	1.39	27.3	21.0	---	<0.500	<10.0	<0.500	<0.500	<0.500	29.24	8.46	20.78	0.33/0.33

TABLE 1

**GROUNDWATER DATA
FORMER SHELL SERVICE STATION
2703 MARTIN LUTHER KING JR. WAY, OAKLAND, CALIFORNIA**

Well ID	Date	TPHg (µg/L)	B (µg/L)	T (µg/L)	E (µg/L)	X (µg/L)	MTBE 8020 (µg/L)	MTBE 8260 (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)	DO Reading (mg/L)
V-1	11/08/2006	1,300	3.7	1.5	5.1	6.9	---	---	---	---	---	---	29.24	8.95	20.29	0.05/0.11
V-1	02/22/2007	<50	<0.50	<1.0	<0.50	<1.0	---	---	---	---	---	---	29.24	6.17	23.07	0.76/0.99
V-1	05/29/2007	650 i	0.64	<1.0	1.2	0.95 k	---	---	---	---	---	---	29.24	7.21	22.03	0.69/0.74
V-1	08/27/2007	510 c, i	0.24	<1.0	<1.0	<1.0	---	<1.0	<10	<2.0	<2.0	<2.0	29.24	8.78	20.46	0.12/0.57
V-1 f	11/08/2007	2,000 i	19	2.9	23	18.5	---	---	---	---	---	---	29.24	8.41	20.83	0.61/1.54
V-1	02/20/2008	54 i	<0.50	<1.0	<1.0	<1.0	---	---	---	---	---	---	29.24	5.11	24.13	0.13/0.22
V-1	05/01/2008	280	0.57	<1.0	<1.0	<1.0	---	---	---	---	---	---	29.24	7.60	21.64	0.08/0.08
V-1	08/12/2008	390	0.80	<1.0	<1.0	1.1	---	<1.0	<10	<2.0	<2.0	<2.0	29.24	9.00	20.24	0.81/1.51
V-1	11/26/2008	3,300	46	8.3	62	44.2	---	---	---	---	---	---	29.24	9.50	19.74	0.76/1.28
V-1	02/03/2009	450	0.98	<1.0	1.7	<1.0	---	---	---	---	---	---	29.24	8.18	21.06	0.13/0.39
V-1	06/02/2009	230	<0.50	<1.0	1.3	<1.0	---	---	---	---	---	---	29.24	7.45	21.79	0.25/0.31
V-1	11/10/2009	900	3.1	<1.0	6.5	2.0	---	<1.0	<10	<2.0	<2.0	<2.0	29.24	8.91	20.33	0.84/0.56
V-1	05/10/2010	81	<0.50	<1.0	<1.0	<1.0	---	---	---	---	---	---	29.24	5.94	23.30	0.17/0.43
V-1	09/09/2010	---	---	---	---	---	---	---	---	---	---	---	29.24	8.95	20.29	---
V-1	12/03/2010	560	1.1	<1.0	3.2	<1.0	---	<1.0	<10	<2.0	<2.0	<2.0	29.24	8.25	20.99	0.47/0.95
V-1	03/02/2011	---	---	---	---	---	---	---	---	---	---	---	29.24	4.18	25.06	---
V-1	05/31/2011	160	<0.50	<0.50	0.57	<1.0	---	---	---	---	---	---	29.24	6.82	22.42	0.69/1.26
V-1	12/13/2011	1,300	1.09	<0.500	5.63	0.980	---	<0.500	<10.0	<0.500	<0.500	<0.500	29.24	8.37	20.87	0.94/0.81
V-2	08/02/1996	---	---	---	---	---	---	---	---	---	---	---	22.80	---	---	---
V-2	08/05/1996	---	---	---	---	---	---	---	---	---	---	---	22.80	7.94	14.86	---
V-2	10/17/1996	---	---	---	---	---	---	---	---	---	---	---	22.80	9.30	13.50	---
V-2	01/08/1997	69,000	4,800	2,800	2,700	13,000	750	---	---	---	---	---	22.80	5.82	16.98	---
V-2	04/07/1997	90,000	4,400	1,900	3,300	14,000	<500	---	---	---	---	---	22.80	7.10	15.70	---
V-2 (D)	04/07/1997	77,000	4,400	2,000	3,200	14,000	<250	---	---	---	---	---	22.80	---	---	---
V-2	07/02/1997	82,000	5,500	2,700	3,500	16,000	530	<100	---	---	---	---	22.80	8.35	14.45	---
V-2 (D)	07/02/1997	85,000	5,600	2,800	3,600	17,000	520	<100	---	---	---	---	22.80	---	---	---
V-2	10/24/1997	7,300	1,100	97	230	180	91	<12	---	---	---	---	22.80	10.03	12.77	---
V-2 (D)	10/24/1997	12,000	1,700	340	650	630	120	<20	---	---	---	---	22.80	---	---	---
V-2	01/09/1998	40,000	4,100	1,500	2,500	9,000	280	---	---	---	---	---	22.80	6.94	15.86	---
V-2	04/02/1998	62,000	6,800	2,400	3,400	14,000	<250	---	---	---	---	---	22.80	5.35	17.45	---

**GROUNDWATER DATA
FORMER SHELL SERVICE STATION
2703 MARTIN LUTHER KING JR. WAY, OAKLAND, CALIFORNIA**

<i>Well ID</i>	<i>Date</i>	<i>TPHg (µg/L)</i>	<i>B (µg/L)</i>	<i>T (µg/L)</i>	<i>E (µg/L)</i>	<i>X (µg/L)</i>	<i>MTBE 8020 (µg/L)</i>	<i>MTBE 8260 (µg/L)</i>	<i>TBA (µg/L)</i>	<i>DIPE (µg/L)</i>	<i>ETBE (µg/L)</i>	<i>TAME (µg/L)</i>	<i>TOC (ft MSL)</i>	<i>Depth to Water (ft TOC)</i>	<i>GW Elevation (ft MSL)</i>	<i>DO Reading (mg/L)</i>
V-2	07/14/1998	43,000	4,700	1,100	2,500	6,600	<250	---	---	---	---	---	22.80	6.48	16.32	---
V-2 (D)	07/14/1998	48,000	5,100	1,300	2,600	8,100	<250	---	---	---	---	---	22.80	---	---	---
V-2	10/01/1998	53,000	5,200	1,800	3,200	10,000	83	---	---	---	---	---	22.80	8.41	14.39	---
V-2 (D)	10/01/1998	55,000	5,300	1,900	3,300	11,000	65	---	---	---	---	---	22.80	---	---	---
V-2	01/18/1999	47,100	5,800	1,960	3,450	10,200	<100	---	---	---	---	---	22.80	8.29	14.51	---
V-2	04/29/1999	65,000	6,100	2,800	3,200	12,000	540	---	---	---	---	---	22.80	8.19	14.61	---
V-2	08/23/1999	59,600	6,240	2,190	3,900	14,700	390	---	---	---	---	---	22.80	8.44	14.36	---
V-2	10/06/1999	63,800	4,820	1,860	2,840	11,100	<1000	---	---	---	---	---	22.80	8.96	13.84	---
V-2	01/27/2000	59,600	10,200	2,840	3,450	12,100	<500	---	---	---	---	---	22.80	7.57	15.23	---
V-2	04/18/2000	45,000	6,050	2,700	3,340	12,200	<250	---	---	---	---	---	22.80	8.14	14.66	---
V-2	07/19/2000	31,800	4,440	1,270	2,390	6,820	<500	---	---	---	---	---	22.80	8.21	14.59	---
V-2	10/24/2000	40,100	4,810	1,730	2,960	8,650	734	<10.0	---	---	---	---	22.80	8.53	14.27	---
V-2	01/04/2001	37,500	4,510	1,390	2,710	6,880	375	---	---	---	---	---	22.80	8.03	14.77	---
V-2	05/03/2001	51,000	4,000	1,900	2,800	8,200	---	<200	---	---	---	---	22.80	6.63	16.17	---
V-2	07/09/2001	9,600	710	190	180	1,400	---	<25	---	---	---	---	22.80	8.75	14.05	---
V-2	10/18/2001	20,000	2,000	540	560	6,000	---	<50	---	---	---	---	22.80	9.60	13.20	0.4
V-2	01/24/2002	36,000	2,900	870	1,700	5,900	---	<100	---	---	---	---	22.80	5.93	16.87	4.0
V-2	04/04/2002	49,000	3,900	1,500	2,900	9,300	---	<200	---	---	---	---	22.80	5.78	17.02	0.9
V-2	07/18/2002	50,000	3,600	1,300	2,800	9,300	---	<200	---	---	---	---	22.80	7.58	15.22	1.3
V-2	10/21/2002	86,000	6,000	1,900	4,200	20,000	---	<250	---	---	---	---	28.80	8.40	20.40	1.3
V-2	01/21/2003	13,000	630	200	300	2,400	---	<25	---	---	---	---	28.80	6.52	22.28	1.2
V-2	04/17/2003	26,000	2,000	570	750	6,000	---	<100	---	---	---	---	28.80	5.93	22.87	1.1
V-2	07/22/2003	6,800	130	34	150	440	---	<2.5	---	---	---	---	28.80	7.96	20.84	1.4
V-2	10/20/2003	14,000	660	160	260	2,400	---	<10	---	---	---	---	28.80	9.21	19.59	0.7
V-2	01/13/2004	20,000	1,400	410	700	4,200	---	<13	---	---	---	---	28.80	6.90	21.90	---
V-2	01/22/2004	---	---	---	---	---	---	---	---	---	---	---	28.80	8.50	20.30	0.1
V-2	04/01/2004	28,000	2,000	520	650	8,700	---	---	---	---	---	---	28.80	6.84	21.96	0.2
V-2	07/13/2004	21,000	1,900	460	1,000	4,300	---	---	---	---	---	---	28.80	8.28	20.52	0.1
V-2	10/26/2004	43,000	2,700	880	2,300	12,000	---	---	---	---	---	---	28.80	8.43	20.37	0.8
V-2	01/13/2005	23,000	1,400	330	1,800	5,800	---	---	---	---	---	---	28.80	6.67	22.13	0.6
V-2	04/28/2005	16,000	970	230	620	3,800	---	---	---	---	---	---	28.80	5.69	23.11	4.55

**GROUNDWATER DATA
FORMER SHELL SERVICE STATION
2703 MARTIN LUTHER KING JR. WAY, OAKLAND, CALIFORNIA**

Well ID	Date	TPHg (µg/L)	B (µg/L)	T (µg/L)	E (µg/L)	X (µg/L)	MTBE		TBA (µg/L)	DIPE (µg/L)	ETBE (µg/L)	TAME (µg/L)	TOC (ft MSL)	Depth to Water (ft TOC)	GW Elevation (ft MSL)	DO Reading (mg/L)
							8020 (µg/L)	8260 (µg/L)								
V-2	08/01/2005	14,000	610	190	450	3,600	---	---	---	---	---	---	28.80	5.25	23.55	---
V-2	10/05/2005	37,000	2,200	680	2,300	8,500	---	---	---	---	---	---	28.80	8.24	20.56	0.75
V-2	01/11/2006	45,000 a	1,900 a	720 a	3,000 a	13,000 a	---	<25 a	<250 a	<25 a	<25 a	<25 a	28.81	6.60	22.21	0.4
V-2	05/26/2006	66,600	1,300	400	2,950	9,700 g	---	<0.500	<10.0	<0.500	<0.500	<0.500	28.81	6.28	22.53	0.28
V-2	08/30/2006	7,290	2,390	750	4,680	17,000	---	---	---	---	---	---	28.81	8.03	20.78	0.37/0.31
V-2	11/08/2006	68,000	1,700	580	3,900	13,000	---	---	---	---	---	---	28.81	8.60	20.21	0.05/0.14
V-2	02/22/2007	57,000	1,300	600	4,000	15,000	---	---	---	---	---	---	28.81	5.88	22.93	1.23/2.50
V-2	05/29/2007	48,000 c, i	2,000	650	3,300	10,000	---	---	---	---	---	---	28.81	6.82	21.99	0.07/0.12
V-2	08/27/2007	55,000 i	1,600	520	2,900	8,000	---	---	---	---	---	---	28.81	8.22	20.59	0.22/0.48
V-2 f	11/08/2007	74,000 i	1,300	500	3,000	9,600	---	---	---	---	---	---	28.81	8.82	19.99	0.87/1.46
V-2	02/20/2008	52,000 i	1,200	560	3,200	12,400	---	---	---	---	---	---	28.81	5.13	23.68	0.16/0.05
V-2	05/01/2008	53,000	960	350	3,000	9,600	---	---	---	---	---	---	28.81	7.25	21.56	0.06/0.05
V-2	08/12/2008	55,000	950	230	2,700	6,030	---	---	---	---	---	---	28.81	8.50	20.31	0.53/1.47
V-2	11/26/2008	71,000	1,400	430	3,900	10,400	---	---	---	---	---	---	28.81	9.08	19.73	0.66/1.62
V-2	02/03/2009	81,000	1,100	340	3,700	11,000	---	---	---	---	---	---	28.81	7.78	21.03	0.48/0.15
V-2	06/02/2009	78,000	920	350	3,500	9,200	---	---	---	---	---	---	28.81	6.90	21.91	0.19/0.26
V-2	11/10/2009	66,000	890	310	3,400	7,900	---	---	---	---	---	---	28.81	8.62	20.19	0.44/0.98
V-2	05/10/2010	28,000	490	160	2,200	4,800	---	---	---	---	---	---	28.81	5.63	23.18	0.18/0.28
V-2	09/09/2010	---	---	---	---	---	---	---	---	---	---	---	28.81	8.49	20.32	---
V-2	12/03/2010	31,000	640	210	2,600	4,300	---	---	---	---	---	---	28.81	7.90	20.91	0.86/1.16
V-2	03/02/2011	---	---	---	---	---	---	---	---	---	---	---	28.38	3.95	24.43	---
V-2	05/31/2011	36,000	510	180	3,600	6,700	---	---	---	---	---	---	28.38	6.55	21.83	0.47/0.92
V-2	12/13/2011	51,000	652	129	3,760	5,040	---	---	---	---	---	---	28.38	7.96	20.42	0.60/1.51

Notes:

TPHg = Total petroleum hydrocarbons as gasoline analyzed by EPA Method 8260B; prior to May 3, 2001, analyzed by EPA Method 8015 unless otherwise noted.

BTEX = Benzene, toluene, ethylbenzene, and total xylenes analyzed by EPA Method 8260B; prior to May 3, 2001, analyzed by EPA Method 8020.

MTBE = Methyl tertiary-butyl ether analyzed as noted

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

TABLE 1

**GROUNDWATER DATA
FORMER SHELL SERVICE STATION
2703 MARTIN LUTHER KING JR. WAY, OAKLAND, CALIFORNIA**

<i>Well ID</i>	<i>Date</i>	<i>TPHg</i> ($\mu\text{g/L}$)	<i>B</i> ($\mu\text{g/L}$)	<i>T</i> ($\mu\text{g/L}$)	<i>E</i> ($\mu\text{g/L}$)	<i>X</i> ($\mu\text{g/L}$)	<i>MTBE</i> <i>8020</i> ($\mu\text{g/L}$)	<i>MTBE</i> <i>8260</i> ($\mu\text{g/L}$)	<i>TBA</i> ($\mu\text{g/L}$)	<i>DIPE</i> ($\mu\text{g/L}$)	<i>ETBE</i> ($\mu\text{g/L}$)	<i>TAME</i> ($\mu\text{g/L}$)	<i>TOC</i> (ft MSL)	<i>Depth to</i> <i>Water</i> (ft TOC)	<i>GW</i> <i>Elevation</i> (ft MSL)	<i>DO</i> <i>Reading</i> (mg/L)
----------------	-------------	------------------------------------	---------------------------------	---------------------------------	---------------------------------	---------------------------------	---	---	-----------------------------------	------------------------------------	------------------------------------	------------------------------------	------------------------	---	---	---------------------------------------

TAME = Tertiary-amyl methyl ether analyzed by EPA Method 8260B

TOC = Top of casing elevation, in feet relative to mean sea level

GW = Groundwater

$\mu\text{g/L}$ = Micrograms per liter

ft = Feet

MSL = Mean sea level

<x = Not detected at reporting limit x

--- = Not analyzed or available

mg/L = Milligrams per liter

(D) = Duplicate sample

a = Sample analyzed outside of EPA recommended holding time.

c = Hydrocarbon does not match pattern of laboratory's standard.

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

f = Samples were switched in the field for wells V-1 and V-2 due to field error. Data corrected for this table.

g = Analyte was detected in the associated Method Blank.

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

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

Site wells surveyed June 14, 2001 by Virgil Chavez Land Surveying

Site wells surveyed August 13, 2002 by Virgil Chavez Land Surveying

Wells MW-1 through MW-8, V-1, and V-2 surveyed on February 14, 2006 by Virgil Chavez Land Surveying

Wells MW-12 and MW-14 surveyed on April 19, 2006 by Virgil Chavez Land Surveying

Wells MW-9, MW-10, and MW-11 surveyed on August 18, 2010 by Virgil Chavez Land Surveying

APPENDIX A

BLAINE TECH SERVICES, INC. -
FIELD NOTES

WELL GAUGING DATA

Project # 111213-BP2 Date 12-13-11 Client SK11

Site 2703 Martin Luther King Jr Hwy 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	1045	2					7.64	19.98	↓	
MW-2	1050	2					8.28	19.03		
MW-3	1055	4					8.19	20.00		
MW-4	1114	4					7.90	19.89		
MW-5	1120	4					8.85	19.93		
P- MW-6	1118	4	skum				8.01	19.81		
MW-7	1106	4					8.93	19.58		
MW-8	1110	4					8.73	19.53		
MW-9	1105	4					10.24	19.56		
MW-10	1045	4					9.50	19.98		
MW-11	1040	4					9.93	19.67		
MW-12	1030	2					9.64	19.09		
MW-14	1055	1					9.35	14.12		
V-1	1103	2					8.37	12.85		
V-2	1110	2					7.96	13.24		

SHELL WELL MONITORING DATA SHEET

BTS #: 111213-BP2	Site: 97093397
Sampler: BP-CR	Date: 12/13/2011
Well I.D.: MW-4	Well Diameter: 2 3 ④ 6 8
Total Well Depth (TD): 19.89	Depth to Water (DTW): 7.90
Depth to Free Product:	Thickness of Free Product (feet):
Referenced to: PVC Grade	D.O. Meter (if req'd): YSI HACH
DTW with 80% Recharge [(Height of Water Column x 0.20) + DTW]: 10.30	

Purge Method: Bailer Waterra Sampling Method: Bailer
 Disposable Bailer Peristaltic Disposable Bailer
 Middleburg Extraction Pump Extraction Port
Electric Submersible Other _____ Dedicated Tubing
 Other: _____

8.0 (Gals.) X 3 = 24.0 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/cm or <u>µS/cm</u>)	Turbidity (NTUs)	Gals. Removed	Observations
1247	66.7	6.77	1365	11	8.0	
1248		well	dewatered		13.5	DTW - 18.91
1450	66.0	6.95	1275	17	Grab	

Did well dewater? Yes No Gallons actually evacuated: 13.5

Sampling Date: 12/13/2011 Sampling Time: 1450 Depth to Water: 11.46 (2hr)

Sample I.D.: MW-4 Laboratory: Calscience Other Test America

Analyzed for: TPH-G BTEX MTBE TPH-D Other: See SOW see COC

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

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

D.O. (if req'd): Pre-purge: 0.59 mg/L Post-purge: 0.19 mg/L

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

SHELL WELL MONITORING DATA SHEET

BTS #: 111213-BP2	Site: 97093397
Sampler: BP GR	Date: 12-13-11
Well I.D.: MW-5	Well Diameter: 2 3 ④ 6 8
Total Well Depth (TD): 19.93	Depth to Water (DTW): 8.85
Depth to Free Product:	Thickness of Free Product (feet):
Referenced to: <u>PVC</u> Grade	D.O. Meter (if req'd): <u>YSI</u> HACH
DTW with 80% Recharge [(Height of Water Column x 0.20) + DTW]: 11.07	

Purge Method: Bailer Disposable Bailer Positive Air Displacement Electric Submersible

Waterra: Peristaltic Extraction Pump Other _____

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

7.5 (Gals.) X 3 = 22.5 Gals.

1 Case Volume Specified Volumes Calculated Volume

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

Time	Temp (°F)	pH	Cond. (mS or <u>µS</u>)	Turbidity (NTUs)	Gals. Removed	Observations
1400	66.7	6.70	1414	51	7.5	
1401		well	dewatered		13.5	DTW = 13.84
1455	65.3	6.70	1433	17	Grabs	

Did well dewater? Yes No Gallons actually evacuated: 13.5

Sampling Date: 12-13-11 Sampling Time: 1455 Depth to Water: 9.35

Sample I.D.: MW-5 Laboratory: Test America 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): <u>Pre-purge:</u> 0.66 mg/L	Post-purge: 0.47 mg/L
O.R.P. (if req'd): Pre-purge: _____ mV	Post-purge: _____ mV

SHELL WELL MONITORING DATA SHEET

BTS #: 111213-BP2	Site: 97093397
Sampler: BP-GR	Date: 12/13/2011
Well I.D.: MW-6	Well Diameter: 2 3 <u>4</u> 6 8
Total Well Depth (TD): 19.21	Depth to Water (DTW): 8.01
Depth to Free Product:	Thickness of Free Product (feet):
Referenced to: <u>PVC</u> Grade	D.O. Meter (if req'd): <u>YSI</u> HACH
DTW with 80% Recharge [(Height of Water Column x 0.20) + DTW]: 10.25	

Purge Method: Bailer <input checked="" type="checkbox"/> Disposable Bailer 3" <input type="checkbox"/> Middleburg <input type="checkbox"/> Electric Submersible	Waterra <input type="checkbox"/> Peristaltic <input type="checkbox"/> Extraction Pump <input type="checkbox"/> Other _____	Sampling Method: <u>Bailer</u> <input type="checkbox"/> Disposable Bailer <input type="checkbox"/> Extraction Port <input type="checkbox"/> Dedicated Tubing Other: _____
--	---	---

7.5 (Gals.) X	3	= 22.5 Gals.
1 Case Volume	Specified Volumes	Calculated Volume

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

Time	Temp (°F)	pH	Cond. (mS/cm or <u>µS/cm</u>)	Turbidity (NTUs)	Gals. Removed	Observations
1315	66.7	6.77	1740	384	7.5	stream/odor
1323	66.4	6.75	1870	>1000	15.0	
1327		well	dewatered		17.0	DTW -16.97
1500	64.6	6.80	1627	284	Grab	

Did well dewater? Yes No Gallons actually evacuated: 17.0

Sampling Date: 12/13/2011 Sampling Time: 1500 Depth to Water: 9.98

Sample I.D.: MW-6 Laboratory: Calscience Other Test America

Analyzed for: TPH-G BTEX MTBE TPH-D Other: See SOW see COC

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

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

D.O. (if req'd):	Pre-purge:	0.81 mg/L	Post-purge:	0.99 mg/L
------------------	------------	-----------	-------------	-----------

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

SHELL WELL MONITORING DATA SHEET

BTS #: <u>111213-BP2</u>	Site: <u>97093397</u>
Sampler: <u>BP GR</u>	Date: <u>12-13-11</u>
Well I.D.: <u>MW-7</u>	Well Diameter: 2 3 <u>4</u> 6 8
Total Well Depth (TD): <u>19.58</u>	Depth to Water (DTW): <u>8.93</u>
Depth to Free Product:	Thickness of Free Product (feet):
Referenced to: <u>PVC</u> Grade	D.O. Meter (if req'd): <u>YSI</u> HACH
DTW with 80% Recharge [(Height of Water Column x 0.20) + DTW]: <u>11.06</u>	

Purge Method: Bailer Waterra Sampling Method: Bailer
 Disposable Bailer Peristaltic Disposable Bailer
 Positive Air Displacement Extraction Pump Extraction Port
Electric Submersible Other _____ Dedicated Tubing

Other: _____

$\underline{7.0} \text{ (Gals.)} \times \underline{3} = \underline{21.0} \text{ Gals.}$ 1 Case Volume Specified Volumes Calculated Volume	<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th>Well Diameter</th> <th>Multiplier</th> <th>Well Diameter</th> <th>Multiplier</th> </tr> </thead> <tbody> <tr> <td>1"</td> <td>0.04</td> <td>4"</td> <td>0.65</td> </tr> <tr> <td>2"</td> <td>0.16</td> <td>6"</td> <td>1.47</td> </tr> <tr> <td>3"</td> <td>0.37</td> <td>Other</td> <td>radius² * 0.163</td> </tr> </tbody> </table>	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
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 <u>µS</u>)	Turbidity (NTUs)	Gals. Removed	Observations
1202	64.6	6.82	1964	63	7.0	
1203	well dewatered				9.0	DTW - 15.35
1415	64.0	6.94	1853	88	Grab	

Did well dewater? Yes No Gallons actually evacuated: 9.0

Sampling Date: 12-13-11 Sampling Time: 1415 Depth to Water: 11.10 (2hrs)

Sample I.D.: MW-7 Laboratory: Test America 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): <u>Pre-purge:</u> <u>0.38</u> mg/L	Post-purge: <u>0.35</u> mg/L
O.R.P. (if req'd): Pre-purge: _____ mV	Post-purge: _____ mV

SHELL WELL MONITORING DATA SHEET

BTS #: 11213-8P2	Site: 97093397
Sampler: BP GR	Date: 12-13-11
Well I.D.: MW-8	Well Diameter: 2 3 ④ 6 8
Total Well Depth (TD): 19.53	Depth to Water (DTW): 8.73
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]: 10.89	

Purge Method: Bailer Waterra Sampling Method: Bailer
 Disposable Bailer Peristaltic Disposable Bailer
 Positive Air Displacement Extraction Pump Extraction Port
Electric Submersible Other _____ Dedicated Tubing
 Other: _____

7.0 (Gals.) X 3 = 21.0 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
1217	64.4	6.85	874.4	44	7.0	
1218		well	dewatered		12.5	DTW-13.32
1420	64.0	6.96	927.4	52	Grab	

Did well dewater? Yes No Gallons actually evacuated: 12.5

Sampling Date: 12-13-11 Sampling Time: 1420 Depth to Water: 8.96

Sample I.D.: MW-8 Laboratory: Test America 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: 0.69 mg/L Post-purge: 0.32 mg/L

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

SHELL WELL MONITORING DATA SHEET

BTS #: 11213-BP2	Site: 97093397
Sampler: (BP) GR	Date: 12-13-11
Well I.D.: MW-9	Well Diameter: 2 3 (4) 6 8
Total Well Depth (TD): 19.56	Depth to Water (DTW): 10.24
Depth to Free Product:	Thickness of Free Product (feet):
Referenced to: (PVC) Grade	D.O. Meter (if req'd): (YSI) HACH
DTW with 80% Recharge [(Height of Water Column x 0.20) + DTW]: 12.10	

Purge Method: Bailer Waterra Sampling Method: (Bailer)
 Disposable Bailer Peristaltic Disposable Bailer
 Positive Air Displacement Extraction Pump Extraction Port
 (Electric Submersible) Other _____ Dedicated Tubing
 Other: _____

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

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

Time	Temp (°F)	pH	Cond. (mS or µS)	Turbidity (NTUs)	Gals. Removed	Observations
1250	66.7	6.83	1304	187	6.1	
1251	Well dewatered @ 10.8 Gals					
1330	65.8	6.79	1242	36	—	

Did well dewater? (Yes) No Gallons actually evacuated: 10.8

Sampling Date: 12-13-11 Sampling Time: 1330 Depth to Water: 12.05

Sample I.D.: MW-9 Laboratory: (Test America) 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): 0.54 mg/L	(Post-purge): 0.51 mg/L
O.R.P. (if req'd): Pre-purge: mV	Post-purge: mV

SHELL WELL MONITORING DATA SHEET

BTS #: 11213-BP2	Site: 97093397
Sampler: <u>BP</u> GR	Date: 12-13-11
Well I.D.: MN-10	Well Diameter: 2 3 <u>4</u> 6 8
Total Well Depth (TD): 19.98	Depth to Water (DTW): 9.50
Depth to Free Product:	Thickness of Free Product (feet):
Referenced to: <u>PVC</u> Grade	D.O. Meter (if req'd): <u>YSI</u> HACH
DTW with 80% Recharge [(Height of Water Column x 0.20) + DTW]: 30.46 <u>11.59</u>	

Purge Method: Bailer Waterra Sampling Method: Bailer
 Disposable Bailer Peristaltic Disposable Bailer
 Positive Air Displacement Extraction Pump Extraction Port
Electric Submersible Other _____ Dedicated Tubing

$$6.8 \text{ (Gals.)} \times 3 = 20.4 \text{ Gals.}$$
 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 <u>µS</u>)	Turbidity (NTUs)	Gals. Removed	Observations
1237	67.0	7.07	1458	257	6.8	
1239	Well Dewatered @			11.6 gals		
1315	66.4	6.89	1093	113	—	

Did well dewater? Yes No Gallons actually evacuated: 11.6

Sampling Date: 12-13-11 Sampling Time: 1315 Depth to Water: 11.32

Sample I.D.: MN-10 Laboratory: Test America Other _____

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

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

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

D.O. (if req'd): <u>Pre-purge:</u> 0.69 mg/L	Post-purge: 0.62 mg/L
O.R.P. (if req'd): Pre-purge: _____ mV	Post-purge: _____ mV

SHELL WELL MONITORING DATA SHEET

BTS #: <u>11213-BP2</u>	Site: <u>97093397</u>
Sampler: <u>(BP) GR</u>	Date: <u>12-13-11</u>
Well I.D.: <u>MW-12</u>	Well Diameter: <u>(2)</u> 3 4 6 8
Total Well Depth (TD): <u>19.09</u>	Depth to Water (DTW): <u>9.64</u>
Depth to Free Product:	Thickness of Free Product (feet):
Referenced to: <u>(PVC)</u> Grade	D.O. Meter (if req'd): <u>(YSI)</u> HACH
DTW with 80% Recharge [(Height of Water Column x 0.20) + DTW]: <u>1153</u>	

Purge Method: (Bailer) Waterra Sampling Method: (Bailer)
 Disposable Bailer Peristaltic Disposable Bailer
 Positive Air Displacement Extraction Pump Extraction Port
 Electric Submersible Other _____ Dedicated Tubing

Other: _____

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

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

Time	Temp (°F)	pH	Cond. (mS or <u>µS</u>)	Turbidity (NTUs)	Gals. Removed	Observations
1127	60.6	7.00	476	71000	1.5	
1130	61.4	6.85	460	71000	3.0	
1133	61.6	6.79	466	71000	4.5	

Did well dewater? Yes (No) Gallons actually evacuated: 45

Sampling Date: 12-13-11 Sampling Time: 1150 Depth to Water: 11.45

Sample I.D.: MW-12 Laboratory: (Test America) 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): <u>(Pre-purge)</u> <u>0.75</u> mg/L	D.O. (if req'd): <u>(Post-purge)</u> <u>2.07</u> mg/L
O.R.P. (if req'd): Pre-purge: _____ mV	O.R.P. (if req'd): Post-purge: _____ mV

SHELL WELL MONITORING DATA SHEET

BTS #: <u>11213-BP2</u>	Site: <u>97093397</u>
Sampler: <u>BP GR</u>	Date: <u>12-13-11</u>
Well I.D.: <u>MW-14</u>	Well Diameter: 2 3 4 6 8 <u>(1)</u>
Total Well Depth (TD): <u>14.12</u>	Depth to Water (DTW): <u>9.35</u>
Depth to Free Product:	Thickness of Free Product (feet):
Referenced to: <u>PVC</u> Grade	D.O. Meter (if req'd): <u>YSI</u> HACH
DTW with 80% Recharge [(Height of Water Column x 0.20) + DTW]: <u>10.30</u>	

Purge Method: Bailer Waterra Sampling Method: Bailer
 Disposable Bailer Peristaltic Disposable Bailer
 Positive Air Displacement Extraction Pump Extraction Port
 Electric Submersible Other tubing w/ check valve Other tubing w/ check valve

$\frac{0.2 \text{ (Gals.)} \times 3}{1 \text{ Case Volume}} = \frac{0.6 \text{ Gals.}}{\text{Specified Volumes}} = \frac{0.6 \text{ Gals.}}{\text{Calculated Volume}}$	<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th>Well Diameter</th> <th>Multiplier</th> <th>Well Diameter</th> <th>Multiplier</th> </tr> </thead> <tbody> <tr> <td>1"</td> <td>0.04</td> <td>4"</td> <td>0.65</td> </tr> <tr> <td>2"</td> <td>0.16</td> <td>6"</td> <td>1.47</td> </tr> <tr> <td>3"</td> <td>0.37</td> <td>Other</td> <td>radius² * 0.163</td> </tr> </tbody> </table>	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
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 μ S)	Turbidity (NTUs)	Gals. Removed	Observations
1340	63.3	4.00	1305	373	0.2	
1341	64.1	6.95	1314	>1000	0.4	
1342	64.2	6.91	1328	>1000	0.6	NOT AT 80%

Did well dewater? Yes No Gallons actually evacuated: 0.6

Sampling Date: 12-13-11 Sampling Time: 1400 Depth to Water: 10.25

Sample I.D.: MW-14 Laboratory: Test America 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): <u>Pre-purge:</u> <u>0.67</u> mg/L	Post-purge: <u>0.65</u> mg/L
O.R.P. (if req'd): Pre-purge: _____ mV	Post-purge: _____ mV

SHELL WELL MONITORING DATA SHEET

BTS #: <u>11213-BP2</u>	Site: <u>97093397</u>
Sampler: <u>BP GR</u>	Date: <u>12-13-11</u>
Well I.D.: <u>V-1</u>	Well Diameter: <u>2</u> 3 4 6 8 _____
Total Well Depth (TD): <u>12.85</u>	Depth to Water (DTW): <u>8.37</u>
Depth to Free Product:	Thickness of Free Product (feet):
Referenced to: <u>PVC</u> Grade	D.O. Meter (if req'd): <u>YSI</u> HACH
DTW with 80% Recharge [(Height of Water Column x 0.20) + DTW]: <u>9.27</u>	

Purge Method: <u>Bailer</u>	Waters: _____	Sampling Method: <u>Bailer</u>
Disposable Bailer	Peristaltic	Disposable Bailer
Positive Air Displacement	Extraction Pump	Extraction Port
Electric Submersible	Other _____	Dedicated Tubing
		Other: _____

<u>1.0</u> (Gals.) X <u>3</u> = <u>3.0</u> 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 <u>µS</u>)	Turbidity (NTUs)	Gals. Removed	Observations
<u>1146</u>	<u>66.0</u>	<u>6.73</u>	<u>1108</u>	<u>392</u>	<u>1.0</u>	
<u>1149</u>	<u>67.1</u>	<u>6.76</u>	<u>1146</u>	<u>233</u>	<u>2.0</u>	
<u>1152</u>	<u>66.9</u>	<u>6.84</u>	<u>1160</u>	<u>1000</u>	<u>3.0</u>	<u>DTW - 11.31</u>

Did well dewater? Yes No Gallons actually evacuated: 3.0

Sampling Date: 12-13-11 Sampling Time: 1228 Depth to Water: 8.68

Sample I.D.: V-1 Laboratory: Test America 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): <u>Pre-purge:</u>	<u>0.94</u> mg/L	Post-purge:	<u>0.81</u> mg/L
O.R.P. (if req'd): Pre-purge:	mV	Post-purge:	mV

SHELL WELL MONITORING DATA SHEET

BTS #: <u>11213-BP2</u>	Site: <u>97093397</u>
Sampler: <u>BP GR</u>	Date: <u>12-13-11</u>
Well I.D.: <u>V-2</u>	Well Diameter: <u>2</u> 3 4 6 8 _____
Total Well Depth (TD): <u>13.24</u>	Depth to Water (DTW): <u>7.96</u>
Depth to Free Product:	Thickness of Free Product (feet):
Referenced to: <u>PVC</u> Grade	D.O. Meter (if req'd): <u>YSI</u> HACH
DTW with 80% Recharge [(Height of Water Column x 0.20) + DTW]: <u>9.02</u>	

Purge Method: <u>Bailer</u>	Watterra	Sampling Method: <u>Bailer</u>
Disposable Bailer	Peristaltic	Disposable Bailer
Positive Air Displacement	Extraction Pump	Extraction Port
Electric Submersible	Other _____	Dedicated Tubing
		Other: _____

$\underline{1.0} \text{ (Gals.)} \times \underline{3} = \underline{3.0} \text{ Gals.}$	<table border="1" style="width: 100%; border-collapse: collapse; font-size: small;"> <thead> <tr> <th>Well Diameter</th> <th>Multiplier</th> <th>Well Diameter</th> <th>Multiplier</th> </tr> </thead> <tbody> <tr> <td>1"</td> <td>0.04</td> <td>4"</td> <td>0.65</td> </tr> <tr> <td>2"</td> <td>0.16</td> <td>6"</td> <td>1.47</td> </tr> <tr> <td>3"</td> <td>0.37</td> <td>Other</td> <td>radius² * 0.163</td> </tr> </tbody> </table>	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
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														
I Case Volume	Specified Volumes	Calculated Volume															

Time	Temp (°F)	pH	Cond. (mS or <u>µS</u>)	Turbidity (NTUs)	Gals. Removed	Observations
<u>1340</u>	<u>67.5</u>	<u>6.93</u>	<u>970.9</u>	<u>416</u>	<u>1.0</u>	
<u>1343</u>	<u>67.8</u>	<u>6.78</u>	<u>992.4</u>	<u>520</u>	<u>2.0</u>	
<u>1345</u>		<u>well</u>	<u>dewatered</u>		<u>2.5</u>	<u>DTW-12.26</u>
<u>1530</u>	<u>64.8</u>	<u>6.87</u>	<u>1105</u>	<u>71</u>	<u>Grab</u>	

Did well dewater? Yes No Gallons actually evacuated: 2.5

Sampling Date: 12-13-11 Sampling Time: 1530 Depth to Water: _____

Sample I.D.: V-2 Laboratory: Test America 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): <u>Pre-purge:</u> <u>0.60</u> mg/L	D.O. (if req'd): <u>Post-purge:</u> <u>1.51</u> mg/L
O.R.P. (if req'd): Pre-purge: _____ mV	O.R.P. (if req'd): Post-purge: _____ mV

INCIDENT #

970 93397

ADDRESS

2703 Martin Luther King Jr Way

DATE:

12-13-11

CITY & STATE

Oakland CA

Well ID	Observations Upon Arrival															Note Repairs Made Detailed Explanation of Maintenance Recommended and Performed	Photos of Well Condition	Repair Date and PM Initials
	Manway Cover, Type, Condition & Size					Well Labeled / Painted Properly*		Well Gap (Gripper) Condition		Well Lock Condition			Well Pad / Surface Condition					
MW-1	Standpipe	Flush	G	P	6	Y	N	G	R	G	R	NL	G	P		Y	N	
MW-2	Standpipe	Flush	G	P	6	Y	N	G	R	G	R	NL	G	P	1/2 tabs broken	Y	N	
MW-3	Standpipe	Flush	G	P	12	Y	N	G	R	G	R	NL	G	P	water bailed	Y	N	
MW-4	Standpipe	Flush	G	P	12	Y	N	G	R	G	R	NL	G	P	1/2 tabs missing	Y	N	
MW-5	Standpipe	Flush	G	P	12	Y	N	G	R	G	R	NL	G	P		Y	N	
MW-6	Standpipe	Flush	G	P	12	Y	N	G	R	G	R	NL	G	P		Y	N	
MW-7	Standpipe	Flush	G	P	12	Y	N	G	R	G	R	NL	G	P		Y	N	
MW-8	Standpipe	Flush	G	P	12	Y	N	G	R	G	R	NL	G	P		Y	N	
MW-9	Standpipe	Flush	G	P	12	Y	N	G	R	G	R	NL	G	P		Y	N	
MW-10	Standpipe	Flush	G	P	12	Y	N	G	R	G	R	NL	G	P		Y	N	
MW-11	Standpipe	Flush	G	P	12	Y	N	G	R	G	R	NL	G	P		Y	N	
TOTAL # CAPS REPLACED =										0	TOTAL # OF LOCKS REPLACED					0		
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			G			G			Y						Y	N
Building		G			G			G			Y						Y	N
Building w/ Fence Comp.		G			G			G			Y						Y	N
Fenced Compound		G			G			G			Y						Y	N
Trailer		G			G			G			Y						Y	N
Number of Drums On-site	Does this 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).

Bentorelli / Blaine Tech Services
Print or type Name of Field Personnel & Consultant Company

INCIDENT #

97093397

ADDRESS

2703 Martin Luther King Jr. Way

DATE:

12-13-11

CITY & STATE

Oakland CA

Well ID	Observations Upon Arrival														Detailed Explanation of Maintenance Recommended and Performed	Photos of Well Condition		Repair Date and PM initials						
	Manway Cover, Type, Condition & Size					Well Labeld / Painted Properly		Well Cap (Gripper) Condition		Well Lock Condition			Well Pad / Surface Condition											
MW-12	Standpipe	Flush	G	P	Size (inch)	Y	N	G	R	G	R	NL	G	P		Y	N							
MW-14	Standpipe	Flush	G	P	Size (inch)	Y	N	G	R	G	R	NL	G	P		Y	N							
V-1	Standpipe	Flush	G	P	Size (inch)	Y	N	G	R	G	R	NL	G	P		Y	N							
V-2	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							
	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							
	Standpipe	Flush	G	P	Size (inch)	Y	N	G	R	G	R	NL	G	P		Y	N							
TOTAL # CAPS REPLACED = 0														TOTAL # OF LOCKS REPLACED = 0										
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			G			G			Y							Y						
Building		G			G			G			Y							Y						
Building w/ Fence Comp.		G			G			G			Y							Y						
Fenced Compound		G			G			G			Y							Y						
Trailer		G			G			G			Y							Y						
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			Y			G			Y			Y							Y			

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).

Ben Powell / Blaine Tech Services
 Print or type Name of Field Personnel & Consultant Company

APPENDIX B

TEST AMERICA -
LABORATORY REPORT

TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

ANALYTICAL REPORT

TestAmerica Laboratories, Inc.
TestAmerica Nashville
2960 Foster Creighton Road
Nashville, TN 37204
Tel: 800-765-0980

TestAmerica Job ID: NVL2716
Client Project/Site: SAP 135703
Client Project Description:
2703 Martin Luther King Jr. Way, Oakland, CA

For:
Conestoga-Rovers & Assoc. (Emeryville) / SHELL
5900 Hollis Street, Suite A
Emeryville, CA 94608

Attn: Peter Schaefer



Authorized for release by:
12/29/2011 1:49:50 PM

Ryan Fitzwater
Project Manager
Ryan.Fitzwater@testamericainc.com

LINKS

Review your project
results through

TotalAccess

Have a Question?

 **Ask
The
Expert**

Visit us at:

www.testamericainc.com

This report has been electronically signed and authorized by the signatory. Electronic signature is intended to be the legally binding equivalent of a traditionally handwritten signature.

Results relate only to the items tested and the sample(s) as received by the laboratory.

Table of Contents

Cover Page	1
Table of Contents	2
Sample Summary	3
Case Narrative	4
Definitions	5
Client Sample Results	6
QC Sample Results	18
QC Association	23
Chronicle	25
Method Summary	28
Certification Summary	29

Sample Summary

Client: Conestoga-Rovers & Assoc. (Emeryville) / SHELL
Project/Site: SAP 135703

TestAmerica Job ID: NVL2716

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
NVL2716-01	WG-11213-BP2-12-13-11-GR-MW-4	Ground Water	12/13/11 14:50	12/17/11 08:15
NVL2716-02	WG-11213-BP2-12-13-11-GR-MW-5	Ground Water	12/13/11 15:30	12/17/11 08:15
NVL2716-03	WG-11213-BP2-12-13-11-BP-MW-6	Ground Water	12/13/11 15:00	12/17/11 08:15
NVL2716-04	WG-11213-BP2-12-13-11-BP-MW-7	Ground Water	12/13/11 14:15	12/17/11 08:15
NVL2716-05	WG-11213-BP2-12-13-11-GR-MW-8	Ground Water	12/13/11 14:20	12/17/11 08:15
NVL2716-06	WG-11213-BP2-12-13-11-BP-MW-9	Ground Water	12/13/11 13:30	12/17/11 08:15
NVL2716-07	WG-11213-BP2-12-13-11-BP-MW-10	Ground Water	12/13/11 13:15	12/17/11 08:15
NVL2716-08	WG-11213-BP2-12-13-11-BP-MW-11	Ground Water	12/13/11 13:00	12/17/11 08:15
NVL2716-09	WG-11213-BP2-12-13-11-BP-MW-12	Ground Water	12/13/11 11:50	12/17/11 08:15
NVL2716-10	WG-11213-BP2-12-13-11-BP-MW-14	Ground Water	12/13/11 14:00	12/17/11 08:15
NVL2716-11	WG-11213-BP2-12-13-11-GR-V-1	Ground Water	12/13/11 12:28	12/17/11 08:15
NVL2716-12	WG-11213-BP2-12-13-11-BP-V-2	Ground Water	12/13/11 15:30	12/17/11 08:15

Case Narrative

Client: Conestoga-Rovers & Assoc. (Emeryville) / SHELL
Project/Site: SAP 135703

TestAmerica Job ID: NVL2716

Job ID: NVL2716

Laboratory: TestAmerica Nashville

NELAC Certification

NELAC certifications are not held for the following analytes included in this report:

<u>Method</u>	<u>Matrix</u>	<u>Analyte</u>
CA LUFT GC/MS	Water	Gasoline Range Organics

Definitions/Glossary

Client: Conestoga-Rovers & Assoc. (Emeryville) / SHELL
Project/Site: SAP 135703

TestAmerica Job ID: NVL2716

Qualifiers

GCMS Volatiles

Qualifier	Qualifier Description
ZX	Due to sample matrix effects, the surrogate recovery was outside the acceptance limits.

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
DL, RA, RE, IN	Indicates a Dilution, Reanalysis, Re-extraction, or additional Initial metals/anion analysis of the sample
EDL	Estimated Detection Limit
EPA	United States Environmental Protection Agency
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
ND	Not detected at the reporting limit (or MDL or EDL if shown)
PQL	Practical Quantitation Limit
QC	Quality Control
RL	Reporting Limit
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)

Client Sample Results

Client: Conestoga-Rovers & Assoc. (Emeryville) / SHELL
 Project/Site: SAP 135703

TestAmerica Job ID: NVL2716

Client Sample ID: WG-11213-BP2-12-13-11-GR-MW-4

Lab Sample ID: NVL2716-01

Date Collected: 12/13/11 14:50

Matrix: Ground Water

Date Received: 12/17/11 08:15

Method: CA LUFT GC/MS - Purgeable Petroleum Hydrocarbons - RE1

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics	4000		500		ug/L		12/13/11 14:50	12/24/11 23:22	10
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4	101		70 - 130				12/13/11 14:50	12/24/11 23:22	10
Dibromofluoromethane	107		70 - 130				12/13/11 14:50	12/24/11 23:22	10
Toluene-d8	102		70 - 130				12/13/11 14:50	12/24/11 23:22	10
4-Bromofluorobenzene	103		70 - 130				12/13/11 14:50	12/24/11 23:22	10

Method: SW846 8260B - Volatile Organic Compounds by EPA Method 8260B

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ethylbenzene	83.0		0.500		ug/L		12/13/11 14:50	12/23/11 13:31	1.00
Toluene	31.1		0.500		ug/L		12/13/11 14:50	12/23/11 13:31	1.00
Xylenes, total	30.3		0.500		ug/L		12/13/11 14:50	12/23/11 13:31	1.00
Methyl tert-Butyl Ether	ND		0.500		ug/L		12/13/11 14:50	12/23/11 13:31	1.00
Tertiary Butyl Alcohol	ND		10.0		ug/L		12/13/11 14:50	12/23/11 13:31	1.00
Diisopropyl Ether	4.64		0.500		ug/L		12/13/11 14:50	12/23/11 13:31	1.00
Ethyl tert-Butyl Ether	ND		0.500		ug/L		12/13/11 14:50	12/23/11 13:31	1.00
Tert-Amyl Methyl Ether	ND		0.500		ug/L		12/13/11 14:50	12/23/11 13:31	1.00
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4	92		70 - 130				12/13/11 14:50	12/23/11 13:31	1.00
Dibromofluoromethane	102		70 - 130				12/13/11 14:50	12/23/11 13:31	1.00
Toluene-d8	96		70 - 130				12/13/11 14:50	12/23/11 13:31	1.00
4-Bromofluorobenzene	101		70 - 130				12/13/11 14:50	12/23/11 13:31	1.00

Method: SW846 8260B - Volatile Organic Compounds by EPA Method 8260B - RE1

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	1120		5.00		ug/L		12/13/11 14:50	12/24/11 23:22	10.0
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4	107		70 - 130				12/13/11 14:50	12/24/11 23:22	10.0
Dibromofluoromethane	112		70 - 130				12/13/11 14:50	12/24/11 23:22	10.0
Toluene-d8	97		70 - 130				12/13/11 14:50	12/24/11 23:22	10.0
4-Bromofluorobenzene	99		70 - 130				12/13/11 14:50	12/24/11 23:22	10.0

Client Sample Results

Client: Conestoga-Rovers & Assoc. (Emeryville) / SHELL
 Project/Site: SAP 135703

TestAmerica Job ID: NVL2716

Client Sample ID: WG-11213-BP2-12-13-11-GR-MW-5

Lab Sample ID: NVL2716-02

Date Collected: 12/13/11 15:30

Matrix: Ground Water

Date Received: 12/17/11 08:15

Method: CA LUFT GC/MS - Purgeable Petroleum Hydrocarbons - RE1

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics	130000		25000		ug/L		12/13/11 15:30	12/25/11 02:02	500
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4	98		70 - 130				12/13/11 15:30	12/25/11 02:02	500
Dibromofluoromethane	102		70 - 130				12/13/11 15:30	12/25/11 02:02	500
Toluene-d8	104		70 - 130				12/13/11 15:30	12/25/11 02:02	500
4-Bromofluorobenzene	102		70 - 130				12/13/11 15:30	12/25/11 02:02	500

Method: SW846 8260B - Volatile Organic Compounds by EPA Method 8260B

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methyl tert-Butyl Ether	ND		0.500		ug/L		12/13/11 15:30	12/23/11 13:58	1.00
Tertiary Butyl Alcohol	ND		10.0		ug/L		12/13/11 15:30	12/23/11 13:58	1.00
Diisopropyl Ether	ND		0.500		ug/L		12/13/11 15:30	12/23/11 13:58	1.00
Ethyl tert-Butyl Ether	ND		0.500		ug/L		12/13/11 15:30	12/23/11 13:58	1.00
Tert-Amyl Methyl Ether	ND		0.500		ug/L		12/13/11 15:30	12/23/11 13:58	1.00
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4	36	ZX	70 - 130				12/13/11 15:30	12/23/11 13:58	1.00
Dibromofluoromethane	90		70 - 130				12/13/11 15:30	12/23/11 13:58	1.00
Toluene-d8	88		70 - 130				12/13/11 15:30	12/23/11 13:58	1.00
4-Bromofluorobenzene	103		70 - 130				12/13/11 15:30	12/23/11 13:58	1.00

Method: SW846 8260B - Volatile Organic Compounds by EPA Method 8260B - RE1

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	9070		250		ug/L		12/13/11 15:30	12/25/11 02:02	500
Ethylbenzene	7200		250		ug/L		12/13/11 15:30	12/25/11 02:02	500
Toluene	10900		250		ug/L		12/13/11 15:30	12/25/11 02:02	500
Xylenes, total	38000		250		ug/L		12/13/11 15:30	12/25/11 02:02	500
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4	103		70 - 130				12/13/11 15:30	12/25/11 02:02	500
Dibromofluoromethane	108		70 - 130				12/13/11 15:30	12/25/11 02:02	500
Toluene-d8	99		70 - 130				12/13/11 15:30	12/25/11 02:02	500
4-Bromofluorobenzene	98		70 - 130				12/13/11 15:30	12/25/11 02:02	500

Client Sample Results

Client: Conestoga-Rovers & Assoc. (Emeryville) / SHELL
 Project/Site: SAP 135703

TestAmerica Job ID: NVL2716

Client Sample ID: WG-11213-BP2-12-13-11-BP-MW-6

Lab Sample ID: NVL2716-03

Date Collected: 12/13/11 15:00

Matrix: Ground Water

Date Received: 12/17/11 08:15

Method: CA LUFT GC/MS - Purgeable Petroleum Hydrocarbons - RE1

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics	12000		1000		ug/L		12/13/11 15:00	12/24/11 23:49	20
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4	101		70 - 130				12/13/11 15:00	12/24/11 23:49	20
Dibromofluoromethane	108		70 - 130				12/13/11 15:00	12/24/11 23:49	20
Toluene-d8	103		70 - 130				12/13/11 15:00	12/24/11 23:49	20
4-Bromofluorobenzene	102		70 - 130				12/13/11 15:00	12/24/11 23:49	20

Method: SW846 8260B - Volatile Organic Compounds by EPA Method 8260B

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methyl tert-Butyl Ether	ND		0.500		ug/L		12/13/11 15:00	12/23/11 14:25	1.00
Tertiary Butyl Alcohol	ND		10.0		ug/L		12/13/11 15:00	12/23/11 14:25	1.00
Diisopropyl Ether	9.68		0.500		ug/L		12/13/11 15:00	12/23/11 14:25	1.00
Ethyl tert-Butyl Ether	ND		0.500		ug/L		12/13/11 15:00	12/23/11 14:25	1.00
Tert-Amyl Methyl Ether	ND		0.500		ug/L		12/13/11 15:00	12/23/11 14:25	1.00
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4	90		70 - 130				12/13/11 15:00	12/23/11 14:25	1.00
Dibromofluoromethane	101		70 - 130				12/13/11 15:00	12/23/11 14:25	1.00
Toluene-d8	97		70 - 130				12/13/11 15:00	12/23/11 14:25	1.00
4-Bromofluorobenzene	103		70 - 130				12/13/11 15:00	12/23/11 14:25	1.00

Method: SW846 8260B - Volatile Organic Compounds by EPA Method 8260B - RE1

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	2700		10.0		ug/L		12/13/11 15:00	12/24/11 23:49	20.0
Ethylbenzene	548		10.0		ug/L		12/13/11 15:00	12/24/11 23:49	20.0
Toluene	556		10.0		ug/L		12/13/11 15:00	12/24/11 23:49	20.0
Xylenes, total	1880		10.0		ug/L		12/13/11 15:00	12/24/11 23:49	20.0
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4	106		70 - 130				12/13/11 15:00	12/24/11 23:49	20.0
Dibromofluoromethane	113		70 - 130				12/13/11 15:00	12/24/11 23:49	20.0
Toluene-d8	98		70 - 130				12/13/11 15:00	12/24/11 23:49	20.0
4-Bromofluorobenzene	99		70 - 130				12/13/11 15:00	12/24/11 23:49	20.0

Client Sample Results

Client: Conestoga-Rovers & Assoc. (Emeryville) / SHELL
 Project/Site: SAP 135703

TestAmerica Job ID: NVL2716

Client Sample ID: WG-11213-BP2-12-13-11-BP-MW-7

Lab Sample ID: NVL2716-04

Date Collected: 12/13/11 14:15

Matrix: Ground Water

Date Received: 12/17/11 08:15

Method: CA LUFT GC/MS - Purgeable Petroleum Hydrocarbons - RE2

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics	8800		500		ug/L		12/13/11 14:15	12/24/11 18:03	10
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4	96		70 - 130				12/13/11 14:15	12/24/11 18:03	10
Dibromofluoromethane	100		70 - 130				12/13/11 14:15	12/24/11 18:03	10
Toluene-d8	101		70 - 130				12/13/11 14:15	12/24/11 18:03	10
4-Bromofluorobenzene	106		70 - 130				12/13/11 14:15	12/24/11 18:03	10

Method: SW846 8260B - Volatile Organic Compounds by EPA Method 8260B - RE1

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ethylbenzene	9.68		0.500		ug/L		12/13/11 14:15	12/24/11 17:37	1.00
Toluene	8.85		0.500		ug/L		12/13/11 14:15	12/24/11 17:37	1.00
Xylenes, total	200		0.500		ug/L		12/13/11 14:15	12/24/11 17:37	1.00
Methyl tert-Butyl Ether	ND		0.500		ug/L		12/13/11 14:15	12/24/11 17:37	1.00
Tertiary Butyl Alcohol	ND		10.0		ug/L		12/13/11 14:15	12/24/11 17:37	1.00
Diisopropyl Ether	1.99		0.500		ug/L		12/13/11 14:15	12/24/11 17:37	1.00
Ethyl tert-Butyl Ether	ND		0.500		ug/L		12/13/11 14:15	12/24/11 17:37	1.00
Tert-Amyl Methyl Ether	ND		0.500		ug/L		12/13/11 14:15	12/24/11 17:37	1.00
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4	98		70 - 130				12/13/11 14:15	12/24/11 17:37	1.00
Dibromofluoromethane	99		70 - 130				12/13/11 14:15	12/24/11 17:37	1.00
Toluene-d8	95		70 - 130				12/13/11 14:15	12/24/11 17:37	1.00
4-Bromofluorobenzene	102		70 - 130				12/13/11 14:15	12/24/11 17:37	1.00

Method: SW846 8260B - Volatile Organic Compounds by EPA Method 8260B - RE2

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	689		5.00		ug/L		12/13/11 14:15	12/24/11 18:03	10.0
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4	101		70 - 130				12/13/11 14:15	12/24/11 18:03	10.0
Dibromofluoromethane	105		70 - 130				12/13/11 14:15	12/24/11 18:03	10.0
Toluene-d8	96		70 - 130				12/13/11 14:15	12/24/11 18:03	10.0
4-Bromofluorobenzene	102		70 - 130				12/13/11 14:15	12/24/11 18:03	10.0

Client Sample Results

Client: Conestoga-Rovers & Assoc. (Emeryville) / SHELL
 Project/Site: SAP 135703

TestAmerica Job ID: NVL2716

Client Sample ID: WG-11213-BP2-12-13-11-GR-MW-8

Lab Sample ID: NVL2716-05

Date Collected: 12/13/11 14:20

Matrix: Ground Water

Date Received: 12/17/11 08:15

Method: CA LUFT GC/MS - Purgeable Petroleum Hydrocarbons - RE1

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics	14000		500		ug/L		12/13/11 14:20	12/25/11 00:16	10
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4	98		70 - 130				12/13/11 14:20	12/25/11 00:16	10
Dibromofluoromethane	100		70 - 130				12/13/11 14:20	12/25/11 00:16	10
Toluene-d8	101		70 - 130				12/13/11 14:20	12/25/11 00:16	10
4-Bromofluorobenzene	105		70 - 130				12/13/11 14:20	12/25/11 00:16	10

Method: SW846 8260B - Volatile Organic Compounds by EPA Method 8260B

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ethylbenzene	25.2		0.500		ug/L		12/13/11 14:20	12/23/11 15:18	1.00
Toluene	15.4		0.500		ug/L		12/13/11 14:20	12/23/11 15:18	1.00
Xylenes, total	467		0.500		ug/L		12/13/11 14:20	12/23/11 15:18	1.00
Methyl tert-Butyl Ether	ND		0.500		ug/L		12/13/11 14:20	12/23/11 15:18	1.00
Tertiary Butyl Alcohol	ND		10.0		ug/L		12/13/11 14:20	12/23/11 15:18	1.00
Diisopropyl Ether	4.95		0.500		ug/L		12/13/11 14:20	12/23/11 15:18	1.00
Ethyl tert-Butyl Ether	ND		0.500		ug/L		12/13/11 14:20	12/23/11 15:18	1.00
Tert-Amyl Methyl Ether	ND		0.500		ug/L		12/13/11 14:20	12/23/11 15:18	1.00
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4	97		70 - 130				12/13/11 14:20	12/23/11 15:18	1.00
Dibromofluoromethane	99		70 - 130				12/13/11 14:20	12/23/11 15:18	1.00
Toluene-d8	96		70 - 130				12/13/11 14:20	12/23/11 15:18	1.00
4-Bromofluorobenzene	101		70 - 130				12/13/11 14:20	12/23/11 15:18	1.00

Method: SW846 8260B - Volatile Organic Compounds by EPA Method 8260B - RE1

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	703		5.00		ug/L		12/13/11 14:20	12/25/11 00:16	10.0
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4	104		70 - 130				12/13/11 14:20	12/25/11 00:16	10.0
Dibromofluoromethane	105		70 - 130				12/13/11 14:20	12/25/11 00:16	10.0
Toluene-d8	96		70 - 130				12/13/11 14:20	12/25/11 00:16	10.0
4-Bromofluorobenzene	102		70 - 130				12/13/11 14:20	12/25/11 00:16	10.0

Client Sample Results

Client: Conestoga-Rovers & Assoc. (Emeryville) / SHELL
 Project/Site: SAP 135703

TestAmerica Job ID: NVL2716

Client Sample ID: WG-11213-BP2-12-13-11-BP-MW-9

Lab Sample ID: NVL2716-06

Date Collected: 12/13/11 13:30

Matrix: Ground Water

Date Received: 12/17/11 08:15

Method: CA LUFT GC/MS - Purgeable Petroleum Hydrocarbons - RE2

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics	13000		500		ug/L		12/13/11 13:30	12/24/11 18:56	10
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4	94		70 - 130				12/13/11 13:30	12/24/11 18:56	10
Dibromofluoromethane	96		70 - 130				12/13/11 13:30	12/24/11 18:56	10
Toluene-d8	100		70 - 130				12/13/11 13:30	12/24/11 18:56	10
4-Bromofluorobenzene	103		70 - 130				12/13/11 13:30	12/24/11 18:56	10

Method: SW846 8260B - Volatile Organic Compounds by EPA Method 8260B - RE1

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	35.8		0.500		ug/L		12/13/11 13:30	12/24/11 18:30	1.00
Toluene	5.60		0.500		ug/L		12/13/11 13:30	12/24/11 18:30	1.00
Xylenes, total	97.2		0.500		ug/L		12/13/11 13:30	12/24/11 18:30	1.00
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4	105		70 - 130				12/13/11 13:30	12/24/11 18:30	1.00
Dibromofluoromethane	99		70 - 130				12/13/11 13:30	12/24/11 18:30	1.00
Toluene-d8	96		70 - 130				12/13/11 13:30	12/24/11 18:30	1.00
4-Bromofluorobenzene	100		70 - 130				12/13/11 13:30	12/24/11 18:30	1.00

Method: SW846 8260B - Volatile Organic Compounds by EPA Method 8260B - RE2

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ethylbenzene	470		5.00		ug/L		12/13/11 13:30	12/24/11 18:56	10.0
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4	99		70 - 130				12/13/11 13:30	12/24/11 18:56	10.0
Dibromofluoromethane	101		70 - 130				12/13/11 13:30	12/24/11 18:56	10.0
Toluene-d8	95		70 - 130				12/13/11 13:30	12/24/11 18:56	10.0
4-Bromofluorobenzene	100		70 - 130				12/13/11 13:30	12/24/11 18:56	10.0

Client Sample Results

Client: Conestoga-Rovers & Assoc. (Emeryville) / SHELL
 Project/Site: SAP 135703

TestAmerica Job ID: NVL2716

Client Sample ID: WG-11213-BP2-12-13-11-BP-MW-10

Lab Sample ID: NVL2716-07

Date Collected: 12/13/11 13:15

Matrix: Ground Water

Date Received: 12/17/11 08:15

Method: CA LUFT GC/MS - Purgeable Petroleum Hydrocarbons - RE1

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics	2700		50		ug/L		12/13/11 13:15	12/24/11 19:23	1.0
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4	98		70 - 130				12/13/11 13:15	12/24/11 19:23	1.0
Dibromofluoromethane	98		70 - 130				12/13/11 13:15	12/24/11 19:23	1.0
Toluene-d8	100		70 - 130				12/13/11 13:15	12/24/11 19:23	1.0
4-Bromofluorobenzene	103		70 - 130				12/13/11 13:15	12/24/11 19:23	1.0

Method: SW846 8260B - Volatile Organic Compounds by EPA Method 8260B - RE1

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	2.43		0.500		ug/L		12/13/11 13:15	12/24/11 19:23	1.00
Ethylbenzene	20.2		0.500		ug/L		12/13/11 13:15	12/24/11 19:23	1.00
Toluene	ND		0.500		ug/L		12/13/11 13:15	12/24/11 19:23	1.00
Xylenes, total	2.70		0.500		ug/L		12/13/11 13:15	12/24/11 19:23	1.00
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4	104		70 - 130				12/13/11 13:15	12/24/11 19:23	1.00
Dibromofluoromethane	102		70 - 130				12/13/11 13:15	12/24/11 19:23	1.00
Toluene-d8	95		70 - 130				12/13/11 13:15	12/24/11 19:23	1.00
4-Bromofluorobenzene	100		70 - 130				12/13/11 13:15	12/24/11 19:23	1.00

Client Sample Results

Client: Conestoga-Rovers & Assoc. (Emeryville) / SHELL
 Project/Site: SAP 135703

TestAmerica Job ID: NVL2716

Client Sample ID: WG-11213-BP2-12-13-11-BP-MW-11

Lab Sample ID: NVL2716-08

Date Collected: 12/13/11 13:00

Matrix: Ground Water

Date Received: 12/17/11 08:15

Method: CA LUFT GC/MS - Purgeable Petroleum Hydrocarbons - RE1

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics	ND		50		ug/L		12/13/11 13:00	12/24/11 19:50	1.0
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4	95		70 - 130				12/13/11 13:00	12/24/11 19:50	1.0
Dibromofluoromethane	100		70 - 130				12/13/11 13:00	12/24/11 19:50	1.0
Toluene-d8	103		70 - 130				12/13/11 13:00	12/24/11 19:50	1.0
4-Bromofluorobenzene	101		70 - 130				12/13/11 13:00	12/24/11 19:50	1.0

Method: SW846 8260B - Volatile Organic Compounds by EPA Method 8260B - RE1

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.500		ug/L		12/13/11 13:00	12/24/11 19:50	1.00
Ethylbenzene	ND		0.500		ug/L		12/13/11 13:00	12/24/11 19:50	1.00
Toluene	ND		0.500		ug/L		12/13/11 13:00	12/24/11 19:50	1.00
Xylenes, total	ND		0.500		ug/L		12/13/11 13:00	12/24/11 19:50	1.00
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4	101		70 - 130				12/13/11 13:00	12/24/11 19:50	1.00
Dibromofluoromethane	105		70 - 130				12/13/11 13:00	12/24/11 19:50	1.00
Toluene-d8	98		70 - 130				12/13/11 13:00	12/24/11 19:50	1.00
4-Bromofluorobenzene	98		70 - 130				12/13/11 13:00	12/24/11 19:50	1.00

Client Sample Results

Client: Conestoga-Rovers & Assoc. (Emeryville) / SHELL
 Project/Site: SAP 135703

TestAmerica Job ID: NVL2716

Client Sample ID: WG-11213-BP2-12-13-11-BP-MW-12

Lab Sample ID: NVL2716-09

Date Collected: 12/13/11 11:50

Matrix: Ground Water

Date Received: 12/17/11 08:15

Method: CA LUFT GC/MS - Purgeable Petroleum Hydrocarbons - RE1

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics	ND		50		ug/L		12/13/11 11:50	12/24/11 20:16	1.0
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4	96		70 - 130				12/13/11 11:50	12/24/11 20:16	1.0
Dibromofluoromethane	102		70 - 130				12/13/11 11:50	12/24/11 20:16	1.0
Toluene-d8	102		70 - 130				12/13/11 11:50	12/24/11 20:16	1.0
4-Bromofluorobenzene	101		70 - 130				12/13/11 11:50	12/24/11 20:16	1.0

Method: SW846 8260B - Volatile Organic Compounds by EPA Method 8260B - RE1

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.500		ug/L		12/13/11 11:50	12/24/11 20:16	1.00
Ethylbenzene	ND		0.500		ug/L		12/13/11 11:50	12/24/11 20:16	1.00
Toluene	ND		0.500		ug/L		12/13/11 11:50	12/24/11 20:16	1.00
Xylenes, total	ND		0.500		ug/L		12/13/11 11:50	12/24/11 20:16	1.00
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4	101		70 - 130				12/13/11 11:50	12/24/11 20:16	1.00
Dibromofluoromethane	107		70 - 130				12/13/11 11:50	12/24/11 20:16	1.00
Toluene-d8	97		70 - 130				12/13/11 11:50	12/24/11 20:16	1.00
4-Bromofluorobenzene	98		70 - 130				12/13/11 11:50	12/24/11 20:16	1.00

Client Sample Results

Client: Conestoga-Rovers & Assoc. (Emeryville) / SHELL
 Project/Site: SAP 135703

TestAmerica Job ID: NVL2716

Client Sample ID: WG-11213-BP2-12-13-11-BP-MW-14

Lab Sample ID: NVL2716-10

Date Collected: 12/13/11 14:00

Matrix: Ground Water

Date Received: 12/17/11 08:15

Method: CA LUFT GC/MS - Purgeable Petroleum Hydrocarbons - RE1

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics	30000		500		ug/L		12/13/11 14:00	12/25/11 00:42	10
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4	98		70 - 130				12/13/11 14:00	12/25/11 00:42	10
Dibromofluoromethane	100		70 - 130				12/13/11 14:00	12/25/11 00:42	10
Toluene-d8	102		70 - 130				12/13/11 14:00	12/25/11 00:42	10
4-Bromofluorobenzene	107		70 - 130				12/13/11 14:00	12/25/11 00:42	10

Method: SW846 8260B - Volatile Organic Compounds by EPA Method 8260B

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Toluene	23.8		0.500		ug/L		12/13/11 14:00	12/23/11 17:31	1.00
Methyl tert-Butyl Ether	ND		0.500		ug/L		12/13/11 14:00	12/23/11 17:31	1.00
Tertiary Butyl Alcohol	ND		10.0		ug/L		12/13/11 14:00	12/23/11 17:31	1.00
Diisopropyl Ether	17.8		0.500		ug/L		12/13/11 14:00	12/23/11 17:31	1.00
Ethyl tert-Butyl Ether	ND		0.500		ug/L		12/13/11 14:00	12/23/11 17:31	1.00
Tert-Amyl Methyl Ether	ND		0.500		ug/L		12/13/11 14:00	12/23/11 17:31	1.00
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4	91		70 - 130				12/13/11 14:00	12/23/11 17:31	1.00
Dibromofluoromethane	97		70 - 130				12/13/11 14:00	12/23/11 17:31	1.00
Toluene-d8	101		70 - 130				12/13/11 14:00	12/23/11 17:31	1.00
4-Bromofluorobenzene	106		70 - 130				12/13/11 14:00	12/23/11 17:31	1.00

Method: SW846 8260B - Volatile Organic Compounds by EPA Method 8260B - RE1

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	1370		5.00		ug/L		12/13/11 14:00	12/25/11 00:42	10.0
Ethylbenzene	1590		5.00		ug/L		12/13/11 14:00	12/25/11 00:42	10.0
Xylenes, total	871		5.00		ug/L		12/13/11 14:00	12/25/11 00:42	10.0
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4	104		70 - 130				12/13/11 14:00	12/25/11 00:42	10.0
Dibromofluoromethane	105		70 - 130				12/13/11 14:00	12/25/11 00:42	10.0
Toluene-d8	97		70 - 130				12/13/11 14:00	12/25/11 00:42	10.0
4-Bromofluorobenzene	103		70 - 130				12/13/11 14:00	12/25/11 00:42	10.0

Client Sample Results

Client: Conestoga-Rovers & Assoc. (Emeryville) / SHELL
 Project/Site: SAP 135703

TestAmerica Job ID: NVL2716

Client Sample ID: WG-11213-BP2-12-13-11-GR-V-1

Lab Sample ID: NVL2716-11

Date Collected: 12/13/11 12:28

Matrix: Ground Water

Date Received: 12/17/11 08:15

Method: CA LUFT GC/MS - Purgeable Petroleum Hydrocarbons - RE1

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics	1300		50		ug/L		12/13/11 12:28	12/24/11 20:43	1.0
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4	97		70 - 130				12/13/11 12:28	12/24/11 20:43	1.0
Dibromofluoromethane	98		70 - 130				12/13/11 12:28	12/24/11 20:43	1.0
Toluene-d8	101		70 - 130				12/13/11 12:28	12/24/11 20:43	1.0
4-Bromofluorobenzene	102		70 - 130				12/13/11 12:28	12/24/11 20:43	1.0

Method: SW846 8260B - Volatile Organic Compounds by EPA Method 8260B - RE1

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	1.09		0.500		ug/L		12/13/11 12:28	12/24/11 20:43	1.00
Ethylbenzene	5.63		0.500		ug/L		12/13/11 12:28	12/24/11 20:43	1.00
Toluene	ND		0.500		ug/L		12/13/11 12:28	12/24/11 20:43	1.00
Xylenes, total	0.980		0.500		ug/L		12/13/11 12:28	12/24/11 20:43	1.00
Methyl tert-Butyl Ether	ND		0.500		ug/L		12/13/11 12:28	12/24/11 20:43	1.00
Tertiary Butyl Alcohol	ND		10.0		ug/L		12/13/11 12:28	12/24/11 20:43	1.00
Diisopropyl Ether	ND		0.500		ug/L		12/13/11 12:28	12/24/11 20:43	1.00
Ethyl tert-Butyl Ether	ND		0.500		ug/L		12/13/11 12:28	12/24/11 20:43	1.00
Tert-Amyl Methyl Ether	ND		0.500		ug/L		12/13/11 12:28	12/24/11 20:43	1.00
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4	102		70 - 130				12/13/11 12:28	12/24/11 20:43	1.00
Dibromofluoromethane	103		70 - 130				12/13/11 12:28	12/24/11 20:43	1.00
Toluene-d8	96		70 - 130				12/13/11 12:28	12/24/11 20:43	1.00
4-Bromofluorobenzene	98		70 - 130				12/13/11 12:28	12/24/11 20:43	1.00

Client Sample Results

Client: Conestoga-Rovers & Assoc. (Emeryville) / SHELL
 Project/Site: SAP 135703

TestAmerica Job ID: NVL2716

Client Sample ID: WG-11213-BP2-12-13-11-BP-V-2

Lab Sample ID: NVL2716-12

Date Collected: 12/13/11 15:30

Matrix: Ground Water

Date Received: 12/17/11 08:15

Method: CA LUFT GC/MS - Purgeable Petroleum Hydrocarbons - RE1

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics	51000		2500		ug/L		12/13/11 15:30	12/25/11 01:09	50
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4	96		70 - 130				12/13/11 15:30	12/25/11 01:09	50
Dibromofluoromethane	99		70 - 130				12/13/11 15:30	12/25/11 01:09	50
Toluene-d8	101		70 - 130				12/13/11 15:30	12/25/11 01:09	50
4-Bromofluorobenzene	106		70 - 130				12/13/11 15:30	12/25/11 01:09	50

Method: SW846 8260B - Volatile Organic Compounds by EPA Method 8260B

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Toluene	129		0.500		ug/L		12/13/11 15:30	12/23/11 18:24	1.00
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4	84		70 - 130				12/13/11 15:30	12/23/11 18:24	1.00
Dibromofluoromethane	96		70 - 130				12/13/11 15:30	12/23/11 18:24	1.00
Toluene-d8	97		70 - 130				12/13/11 15:30	12/23/11 18:24	1.00
4-Bromofluorobenzene	106		70 - 130				12/13/11 15:30	12/23/11 18:24	1.00

Method: SW846 8260B - Volatile Organic Compounds by EPA Method 8260B - RE1

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	652		25.0		ug/L		12/13/11 15:30	12/25/11 01:09	50.0
Ethylbenzene	3760		25.0		ug/L		12/13/11 15:30	12/25/11 01:09	50.0
Xylenes, total	5040		25.0		ug/L		12/13/11 15:30	12/25/11 01:09	50.0
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4	101		70 - 130				12/13/11 15:30	12/25/11 01:09	50.0
Dibromofluoromethane	103		70 - 130				12/13/11 15:30	12/25/11 01:09	50.0
Toluene-d8	97		70 - 130				12/13/11 15:30	12/25/11 01:09	50.0
4-Bromofluorobenzene	103		70 - 130				12/13/11 15:30	12/25/11 01:09	50.0

QC Sample Results

Client: Conestoga-Rovers & Assoc. (Emeryville) / SHELL
 Project/Site: SAP 135703

TestAmerica Job ID: NVL2716

Method: CA LUFT GC/MS - Purgeable Petroleum Hydrocarbons

Lab Sample ID: 11L6318-BLK1

Matrix: Water

Analysis Batch: U022539

Client Sample ID: Method Blank

Prep Type: Total

Prep Batch: 11L6318_P

Analyte	Blank Result	Blank Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics	ND		50		ug/L		12/23/11 00:07	12/23/11 12:37	1.0
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4	97		70 - 130				12/23/11 00:07	12/23/11 12:37	1.0
Dibromofluoromethane	101		70 - 130				12/23/11 00:07	12/23/11 12:37	1.0
Toluene-d8	104		70 - 130				12/23/11 00:07	12/23/11 12:37	1.0
4-Bromofluorobenzene	103		70 - 130				12/23/11 00:07	12/23/11 12:37	1.0

Lab Sample ID: 11L6318-BS2

Matrix: Water

Analysis Batch: U022539

Client Sample ID: Lab Control Sample

Prep Type: Total

Prep Batch: 11L6318_P

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	Limits
Gasoline Range Organics	500	480		ug/L		96	67 - 130
Surrogate	%Recovery	Qualifier	Limits				
1,2-Dichloroethane-d4	96		70 - 130				
Dibromofluoromethane	98		70 - 130				
Toluene-d8	104		70 - 130				
4-Bromofluorobenzene	105		70 - 130				

Lab Sample ID: 11L6713-BLK1

Matrix: Water

Analysis Batch: U022623

Client Sample ID: Method Blank

Prep Type: Total

Prep Batch: 11L6713_P

Analyte	Blank Result	Blank Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics	ND		50		ug/L		12/24/11 00:29	12/24/11 17:10	1.0
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4	97		70 - 130				12/24/11 00:29	12/24/11 17:10	1.0
Dibromofluoromethane	101		70 - 130				12/24/11 00:29	12/24/11 17:10	1.0
Toluene-d8	103		70 - 130				12/24/11 00:29	12/24/11 17:10	1.0
4-Bromofluorobenzene	102		70 - 130				12/24/11 00:29	12/24/11 17:10	1.0

Lab Sample ID: 11L6713-BS2

Matrix: Water

Analysis Batch: U022623

Client Sample ID: Lab Control Sample

Prep Type: Total

Prep Batch: 11L6713_P

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	Limits
Gasoline Range Organics	500	430		ug/L		85	67 - 130
Surrogate	%Recovery	Qualifier	Limits				
1,2-Dichloroethane-d4	97		70 - 130				
Dibromofluoromethane	100		70 - 130				
Toluene-d8	105		70 - 130				
4-Bromofluorobenzene	104		70 - 130				

QC Sample Results

Client: Conestoga-Rovers & Assoc. (Emeryville) / SHELL
 Project/Site: SAP 135703

TestAmerica Job ID: NVL2716

Method: SW846 8260B - Volatile Organic Compounds by EPA Method 8260B

Lab Sample ID: 11L6318-BLK1

Matrix: Water

Analysis Batch: U022539

Client Sample ID: Method Blank

Prep Type: Total

Prep Batch: 11L6318_P

Analyte	Blank Result	Blank Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.500		ug/L		12/23/11 00:07	12/23/11 12:37	1.00
Ethylbenzene	ND		0.500		ug/L		12/23/11 00:07	12/23/11 12:37	1.00
Toluene	ND		0.500		ug/L		12/23/11 00:07	12/23/11 12:37	1.00
Xylenes, total	ND		0.500		ug/L		12/23/11 00:07	12/23/11 12:37	1.00
Methyl tert-Butyl Ether	ND		0.500		ug/L		12/23/11 00:07	12/23/11 12:37	1.00
Tertiary Butyl Alcohol	ND		10.0		ug/L		12/23/11 00:07	12/23/11 12:37	1.00
Diisopropyl Ether	ND		0.500		ug/L		12/23/11 00:07	12/23/11 12:37	1.00
Ethyl tert-Butyl Ether	ND		0.500		ug/L		12/23/11 00:07	12/23/11 12:37	1.00
Tert-Amyl Methyl Ether	ND		0.500		ug/L		12/23/11 00:07	12/23/11 12:37	1.00

Surrogate	Blank %Recovery	Blank Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4	102		70 - 130	12/23/11 00:07	12/23/11 12:37	1.00
Dibromofluoromethane	106		70 - 130	12/23/11 00:07	12/23/11 12:37	1.00
Toluene-d8	99		70 - 130	12/23/11 00:07	12/23/11 12:37	1.00
4-Bromofluorobenzene	100		70 - 130	12/23/11 00:07	12/23/11 12:37	1.00

Lab Sample ID: 11L6318-BS1

Matrix: Water

Analysis Batch: U022539

Client Sample ID: Lab Control Sample

Prep Type: Total

Prep Batch: 11L6318_P

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	Limits
Benzene	50.0	52.4		ug/L		105	80 - 121
Ethylbenzene	50.0	52.6		ug/L		105	80 - 130
Toluene	50.0	51.6		ug/L		103	80 - 126
Xylenes, total	150	152		ug/L		102	80 - 132
Methyl tert-Butyl Ether	50.0	55.4		ug/L		111	72 - 133
Tertiary Butyl Alcohol	500	353		ug/L		71	54 - 150
Diisopropyl Ether	50.0	52.7		ug/L		105	62 - 137
Ethyl tert-Butyl Ether	50.0	58.7		ug/L		117	63 - 135
Tert-Amyl Methyl Ether	50.0	55.7		ug/L		111	63 - 135

Surrogate	LCS %Recovery	LCS Qualifier	Limits
1,2-Dichloroethane-d4	112		70 - 130
Dibromofluoromethane	98		70 - 130
Toluene-d8	99		70 - 130
4-Bromofluorobenzene	106		70 - 130

Lab Sample ID: 11L6318-MS1

Matrix: Water

Analysis Batch: U022539

Client Sample ID: Matrix Spike

Prep Type: Total

Prep Batch: 11L6318_P

Analyte	Sample Result	Sample Qualifier	Spike Added	Matrix Spike Result	Matrix Spike Qualifier	Unit	D	%Rec	Limits
Benzene	1.73		50.0	54.0		ug/L		104	75 - 133
Ethylbenzene	4.76		50.0	57.0		ug/L		104	79 - 139
Toluene	7.39		50.0	57.4		ug/L		100	75 - 136
Xylenes, total	10.1		150	163		ug/L		102	74 - 141
Methyl tert-Butyl Ether	2.64		50.0	51.1		ug/L		97	66 - 141
Tertiary Butyl Alcohol	ND		500	292		ug/L		58	50 - 183
Diisopropyl Ether	ND		50.0	49.5		ug/L		99	54 - 147

QC Sample Results

Client: Conestoga-Rovers & Assoc. (Emeryville) / SHELL
 Project/Site: SAP 135703

TestAmerica Job ID: NVL2716

Method: SW846 8260B - Volatile Organic Compounds by EPA Method 8260B (Continued)

Lab Sample ID: 11L6318-MS1

Client Sample ID: Matrix Spike

Matrix: Water

Prep Type: Total

Analysis Batch: U022539

Prep Batch: 11L6318_P

Analyte	Sample	Sample	Spike	Matrix Spike	Matrix Spike	Unit	D	%Rec	Limits
	Result	Qualifier	Added	Result	Qualifier				
Ethyl tert-Butyl Ether	ND		50.0	53.6		ug/L		107	60 - 138
Tert-Amyl Methyl Ether	ND		50.0	55.9		ug/L		112	61 - 138

Surrogate	Matrix Spike	Matrix Spike	Limits
	%Recovery	Qualifier	
1,2-Dichloroethane-d4	110		70 - 130
Dibromofluoromethane	103		70 - 130
Toluene-d8	95		70 - 130
4-Bromofluorobenzene	107		70 - 130

Lab Sample ID: 11L6318-MSD1

Client Sample ID: Matrix Spike Duplicate

Matrix: Water

Prep Type: Total

Analysis Batch: U022539

Prep Batch: 11L6318_P

Analyte	Sample	Sample	Spike	Matrix Spike Dup	Matrix Spike Dup	Unit	D	%Rec	Limits	RPD	Limit
	Result	Qualifier	Added	Result	Qualifier						
Benzene	1.73		50.0	55.4		ug/L		107	75 - 133	3	17
Ethylbenzene	4.76		50.0	58.3		ug/L		107	79 - 139	2	15
Toluene	7.39		50.0	58.8		ug/L		103	75 - 136	3	15
Xylenes, total	10.1		150	167		ug/L		105	74 - 141	3	15
Methyl tert-Butyl Ether	2.64		50.0	52.4		ug/L		100	66 - 141	2	16
Tertiary Butyl Alcohol	ND		500	289		ug/L		58	50 - 183	1	32
Diisopropyl Ether	ND		50.0	50.2		ug/L		100	54 - 147	1	19
Ethyl tert-Butyl Ether	ND		50.0	54.9		ug/L		110	60 - 138	2	19
Tert-Amyl Methyl Ether	ND		50.0	57.4		ug/L		115	61 - 138	3	15

Surrogate	Matrix Spike Dup	Matrix Spike Dup	Limits
	%Recovery	Qualifier	
1,2-Dichloroethane-d4	110		70 - 130
Dibromofluoromethane	102		70 - 130
Toluene-d8	95		70 - 130
4-Bromofluorobenzene	105		70 - 130

Lab Sample ID: 11L6713-BLK1

Client Sample ID: Method Blank

Matrix: Water

Prep Type: Total

Analysis Batch: U022623

Prep Batch: 11L6713_P

Analyte	Blank	Blank	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
Benzene	ND		0.500		ug/L		12/24/11 00:29	12/24/11 17:10	1.00
Ethylbenzene	ND		0.500		ug/L		12/24/11 00:29	12/24/11 17:10	1.00
Toluene	ND		0.500		ug/L		12/24/11 00:29	12/24/11 17:10	1.00
Xylenes, total	ND		0.500		ug/L		12/24/11 00:29	12/24/11 17:10	1.00
Methyl tert-Butyl Ether	ND		0.500		ug/L		12/24/11 00:29	12/24/11 17:10	1.00
Tertiary Butyl Alcohol	ND		10.0		ug/L		12/24/11 00:29	12/24/11 17:10	1.00
Diisopropyl Ether	ND		0.500		ug/L		12/24/11 00:29	12/24/11 17:10	1.00
Ethyl tert-Butyl Ether	ND		0.500		ug/L		12/24/11 00:29	12/24/11 17:10	1.00
Tert-Amyl Methyl Ether	ND		0.500		ug/L		12/24/11 00:29	12/24/11 17:10	1.00

Surrogate	Blank	Blank	Limits	Prepared	Analyzed	Dil Fac
	%Recovery	Qualifier				
1,2-Dichloroethane-d4	102		70 - 130	12/24/11 00:29	12/24/11 17:10	1.00
Dibromofluoromethane	106		70 - 130	12/24/11 00:29	12/24/11 17:10	1.00
Toluene-d8	98		70 - 130	12/24/11 00:29	12/24/11 17:10	1.00

QC Sample Results

Client: Conestoga-Rovers & Assoc. (Emeryville) / SHELL
 Project/Site: SAP 135703

TestAmerica Job ID: NVL2716

Method: SW846 8260B - Volatile Organic Compounds by EPA Method 8260B (Continued)

Lab Sample ID: 11L6713-BLK1
 Matrix: Water
 Analysis Batch: U022623

Client Sample ID: Method Blank
 Prep Type: Total
 Prep Batch: 11L6713_P

Surrogate	Blank Blank		Limits	Prepared	Analyzed	Dil Fac
	%Recovery	Qualifier				
4-Bromofluorobenzene	98		70 - 130	12/24/11 00:29	12/24/11 17:10	1.00

Lab Sample ID: 11L6713-BS1
 Matrix: Water
 Analysis Batch: U022623

Client Sample ID: Lab Control Sample
 Prep Type: Total
 Prep Batch: 11L6713_P

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	Limits
Benzene	50.0	50.3		ug/L		101	80 - 121
Ethylbenzene	50.0	50.3		ug/L		101	80 - 130
Toluene	50.0	49.3		ug/L		99	80 - 126
Xylenes, total	150	146		ug/L		98	80 - 132
Methyl tert-Butyl Ether	50.0	56.6		ug/L		113	72 - 133
Tertiary Butyl Alcohol	500	341		ug/L		68	54 - 150
Diisopropyl Ether	50.0	51.3		ug/L		103	62 - 137
Ethyl tert-Butyl Ether	50.0	57.5		ug/L		115	63 - 135
Tert-Amyl Methyl Ether	50.0	55.2		ug/L		110	63 - 135

Surrogate	LCS LCS		Limits
	%Recovery	Qualifier	
1,2-Dichloroethane-d4	99		70 - 130
Dibromofluoromethane	100		70 - 130
Toluene-d8	99		70 - 130
4-Bromofluorobenzene	104		70 - 130

Lab Sample ID: 11L6713-MS1
 Matrix: Water
 Analysis Batch: U022623

Client Sample ID: WG-11213-BP2-12-13-11-BP-V-2
 Prep Type: Total
 Prep Batch: 11L6713_P

Analyte	Sample Result	Sample Qualifier	Spike Added	Matrix Spike Result	Matrix Spike Qualifier	Unit	D	%Rec	Limits
Benzene	652		2500	3230		ug/L		103	75 - 133
Ethylbenzene	3760		2500	6070		ug/L		93	79 - 139
Toluene	168		2500	2750		ug/L		103	75 - 136
Xylenes, total	5040		7500	11900		ug/L		91	74 - 141
Methyl tert-Butyl Ether	ND		2500	2510		ug/L		100	66 - 141
Tertiary Butyl Alcohol	ND		25000	15200		ug/L		61	50 - 183
Diisopropyl Ether	ND		2500	2420		ug/L		97	54 - 147
Ethyl tert-Butyl Ether	ND		2500	2620		ug/L		105	60 - 138
Tert-Amyl Methyl Ether	ND		2500	2650		ug/L		106	61 - 138

Surrogate	Matrix Spike Matrix Spike		Limits
	%Recovery	Qualifier	
1,2-Dichloroethane-d4	109		70 - 130
Dibromofluoromethane	99		70 - 130
Toluene-d8	98		70 - 130
4-Bromofluorobenzene	105		70 - 130

QC Sample Results

Client: Conestoga-Rovers & Assoc. (Emeryville) / SHELL
 Project/Site: SAP 135703

TestAmerica Job ID: NVL2716

Method: SW846 8260B - Volatile Organic Compounds by EPA Method 8260B (Continued)

Lab Sample ID: 11L6713-MSD1

Client Sample ID: WG-11213-BP2-12-13-11-BP-V-2

Matrix: Water

Prep Type: Total

Analysis Batch: U022623

Prep Batch: 11L6713_P

Analyte	Sample	Sample	Spike	Matrix Spike Dup	Matrix Spike Dup	Unit	D	%Rec	%Rec.	RPD	Limit
	Result	Qualifier	Added	Result	Qualifier				Limits		
Benzene	652		2500	3300		ug/L		106	75 - 133	2	17
Ethylbenzene	3760		2500	6000		ug/L		90	79 - 139	1	15
Toluene	168		2500	2790		ug/L		105	75 - 136	2	15
Xylenes, total	5040		7500	11800		ug/L		90	74 - 141	0.5	15
Methyl tert-Butyl Ether	ND		2500	2650		ug/L		106	66 - 141	5	16
Tertiary Butyl Alcohol	ND		25000	16000		ug/L		64	50 - 183	5	32
Diisopropyl Ether	ND		2500	2550		ug/L		102	54 - 147	5	19
Ethyl tert-Butyl Ether	ND		2500	2770		ug/L		111	60 - 138	6	19
Tert-Amyl Methyl Ether	ND		2500	2830		ug/L		113	61 - 138	7	15

Matrix Spike Dup Matrix Spike Dup

Surrogate	%Recovery	Qualifier	Limits
1,2-Dichloroethane-d4	110		70 - 130
Dibromofluoromethane	98		70 - 130
Toluene-d8	98		70 - 130
4-Bromofluorobenzene	105		70 - 130

QC Association Summary

Client: Conestoga-Rovers & Assoc. (Emeryville) / SHELL
 Project/Site: SAP 135703

TestAmerica Job ID: NVL2716

GCMS Volatiles

Analysis Batch: U022539

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
11L6318-BLK1	Method Blank	Total	Water	SW846 8260B	11L6318_P
11L6318-BLK1	Method Blank	Total	Water	CA LUFT GC/MS	11L6318_P
11L6318-BS1	Lab Control Sample	Total	Water	SW846 8260B	11L6318_P
11L6318-BS2	Lab Control Sample	Total	Water	CA LUFT GC/MS	11L6318_P
11L6318-MS1	Matrix Spike	Total	Water	SW846 8260B	11L6318_P
11L6318-MSD1	Matrix Spike Duplicate	Total	Water	SW846 8260B	11L6318_P
NVL2716-01	WG-11213-BP2-12-13-11-GR-MW-4	Total	Ground Water	SW846 8260B	11L6318_P
NVL2716-02	WG-11213-BP2-12-13-11-GR-MW-5	Total	Ground Water	SW846 8260B	11L6318_P
NVL2716-03	WG-11213-BP2-12-13-11-BP-MW-6	Total	Ground Water	SW846 8260B	11L6318_P
NVL2716-05	WG-11213-BP2-12-13-11-GR-MW-8	Total	Ground Water	SW846 8260B	11L6318_P
NVL2716-10	WG-11213-BP2-12-13-11-BP-MW-14	Total	Ground Water	SW846 8260B	11L6318_P
NVL2716-12	WG-11213-BP2-12-13-11-BP-V-2	Total	Ground Water	SW846 8260B	11L6318_P

Analysis Batch: U022623

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
11L6713-BLK1	Method Blank	Total	Water	SW846 8260B	11L6713_P
11L6713-BLK1	Method Blank	Total	Water	CA LUFT GC/MS	11L6713_P
11L6713-BS1	Lab Control Sample	Total	Water	SW846 8260B	11L6713_P
11L6713-BS2	Lab Control Sample	Total	Water	CA LUFT GC/MS	11L6713_P
11L6713-MS1	WG-11213-BP2-12-13-11-BP-V-2	Total	Water	SW846 8260B	11L6713_P
11L6713-MSD1	WG-11213-BP2-12-13-11-BP-V-2	Total	Water	SW846 8260B	11L6713_P
NVL2716-01 - RE1	WG-11213-BP2-12-13-11-GR-MW-4	Total	Ground Water	SW846 8260B	11L6713_P
NVL2716-01 - RE1	WG-11213-BP2-12-13-11-GR-MW-4	Total	Ground Water	CA LUFT GC/MS	11L6713_P
NVL2716-02 - RE1	WG-11213-BP2-12-13-11-GR-MW-5	Total	Ground Water	SW846 8260B	11L6713_P
NVL2716-02 - RE1	WG-11213-BP2-12-13-11-GR-MW-5	Total	Ground Water	CA LUFT GC/MS	11L6713_P
NVL2716-03 - RE1	WG-11213-BP2-12-13-11-BP-MW-6	Total	Ground Water	SW846 8260B	11L6713_P
NVL2716-03 - RE1	WG-11213-BP2-12-13-11-BP-MW-6	Total	Ground Water	CA LUFT GC/MS	11L6713_P
NVL2716-04 - RE1	WG-11213-BP2-12-13-11-BP-MW-7	Total	Ground Water	SW846 8260B	11L6713_P
NVL2716-04 - RE2	WG-11213-BP2-12-13-11-BP-MW-7	Total	Ground Water	SW846 8260B	11L6713_P
NVL2716-04 - RE2	WG-11213-BP2-12-13-11-BP-MW-7	Total	Ground Water	CA LUFT GC/MS	11L6713_P
NVL2716-05 - RE1	WG-11213-BP2-12-13-11-GR-MW-8	Total	Ground Water	SW846 8260B	11L6713_P
NVL2716-05 - RE1	WG-11213-BP2-12-13-11-GR-MW-8	Total	Ground Water	CA LUFT GC/MS	11L6713_P
NVL2716-06 - RE1	WG-11213-BP2-12-13-11-BP-MW-9	Total	Ground Water	SW846 8260B	11L6713_P
NVL2716-06 - RE2	WG-11213-BP2-12-13-11-BP-MW-9	Total	Ground Water	SW846 8260B	11L6713_P
NVL2716-06 - RE2	WG-11213-BP2-12-13-11-BP-MW-9	Total	Ground Water	CA LUFT GC/MS	11L6713_P
NVL2716-07 - RE1	WG-11213-BP2-12-13-11-BP-MW-10	Total	Ground Water	SW846 8260B	11L6713_P
NVL2716-07 - RE1	WG-11213-BP2-12-13-11-BP-MW-10	Total	Ground Water	CA LUFT GC/MS	11L6713_P
NVL2716-08 - RE1	WG-11213-BP2-12-13-11-BP-MW-11	Total	Ground Water	SW846 8260B	11L6713_P
NVL2716-08 - RE1	WG-11213-BP2-12-13-11-BP-MW-11	Total	Ground Water	CA LUFT GC/MS	11L6713_P
NVL2716-09 - RE1	WG-11213-BP2-12-13-11-BP-MW-12	Total	Ground Water	SW846 8260B	11L6713_P
NVL2716-09 - RE1	WG-11213-BP2-12-13-11-BP-MW-12	Total	Ground Water	CA LUFT GC/MS	11L6713_P
NVL2716-10 - RE1	WG-11213-BP2-12-13-11-BP-MW-14	Total	Ground Water	SW846 8260B	11L6713_P
NVL2716-10 - RE1	WG-11213-BP2-12-13-11-BP-MW-14	Total	Ground Water	CA LUFT GC/MS	11L6713_P
NVL2716-11 - RE1	WG-11213-BP2-12-13-11-GR-V-1	Total	Ground Water	SW846 8260B	11L6713_P
NVL2716-11 - RE1	WG-11213-BP2-12-13-11-GR-V-1	Total	Ground Water	CA LUFT GC/MS	11L6713_P
NVL2716-12 - RE1	WG-11213-BP2-12-13-11-BP-V-2	Total	Ground Water	SW846 8260B	11L6713_P
NVL2716-12 - RE1	WG-11213-BP2-12-13-11-BP-V-2	Total	Ground Water	CA LUFT GC/MS	11L6713_P

Prep Batch: 11L6318_P

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
11L6318-BLK1	Method Blank	Total	Water	EPA 5030B	
11L6318-BS1	Lab Control Sample	Total	Water	EPA 5030B	

QC Association Summary

Client: Conestoga-Rovers & Assoc. (Emeryville) / SHELL
 Project/Site: SAP 135703

TestAmerica Job ID: NVL2716

GCMS Volatiles (Continued)

Prep Batch: 11L6318_P (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
11L6318-BS2	Lab Control Sample	Total	Water	EPA 5030B	
11L6318-MS1	Matrix Spike	Total	Water	EPA 5030B	
11L6318-MSD1	Matrix Spike Duplicate	Total	Water	EPA 5030B	
NVL2716-01	WG-11213-BP2-12-13-11-GR-MW-4	Total	Ground Water	EPA 5030B	
NVL2716-02	WG-11213-BP2-12-13-11-GR-MW-5	Total	Ground Water	EPA 5030B	
NVL2716-03	WG-11213-BP2-12-13-11-BP-MW-6	Total	Ground Water	EPA 5030B	
NVL2716-05	WG-11213-BP2-12-13-11-GR-MW-8	Total	Ground Water	EPA 5030B	
NVL2716-10	WG-11213-BP2-12-13-11-BP-MW-14	Total	Ground Water	EPA 5030B	
NVL2716-12	WG-11213-BP2-12-13-11-BP-V-2	Total	Ground Water	EPA 5030B	

Prep Batch: 11L6713_P

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
11L6713-BLK1	Method Blank	Total	Water	EPA 5030B	
11L6713-BS1	Lab Control Sample	Total	Water	EPA 5030B	
11L6713-BS2	Lab Control Sample	Total	Water	EPA 5030B	
11L6713-MS1	WG-11213-BP2-12-13-11-BP-V-2	Total	Water	EPA 5030B	
11L6713-MSD1	WG-11213-BP2-12-13-11-BP-V-2	Total	Water	EPA 5030B	
NVL2716-01 - RE1	WG-11213-BP2-12-13-11-GR-MW-4	Total	Ground Water	EPA 5030B	
NVL2716-02 - RE1	WG-11213-BP2-12-13-11-GR-MW-5	Total	Ground Water	EPA 5030B	
NVL2716-03 - RE1	WG-11213-BP2-12-13-11-BP-MW-6	Total	Ground Water	EPA 5030B	
NVL2716-04 - RE1	WG-11213-BP2-12-13-11-BP-MW-7	Total	Ground Water	EPA 5030B	
NVL2716-04 - RE2	WG-11213-BP2-12-13-11-BP-MW-7	Total	Ground Water	EPA 5030B	
NVL2716-05 - RE1	WG-11213-BP2-12-13-11-GR-MW-8	Total	Ground Water	EPA 5030B	
NVL2716-06 - RE1	WG-11213-BP2-12-13-11-BP-MW-9	Total	Ground Water	EPA 5030B	
NVL2716-06 - RE2	WG-11213-BP2-12-13-11-BP-MW-9	Total	Ground Water	EPA 5030B	
NVL2716-07 - RE1	WG-11213-BP2-12-13-11-BP-MW-10	Total	Ground Water	EPA 5030B	
NVL2716-08 - RE1	WG-11213-BP2-12-13-11-BP-MW-11	Total	Ground Water	EPA 5030B	
NVL2716-09 - RE1	WG-11213-BP2-12-13-11-BP-MW-12	Total	Ground Water	EPA 5030B	
NVL2716-10 - RE1	WG-11213-BP2-12-13-11-BP-MW-14	Total	Ground Water	EPA 5030B	
NVL2716-11 - RE1	WG-11213-BP2-12-13-11-GR-V-1	Total	Ground Water	EPA 5030B	
NVL2716-12 - RE1	WG-11213-BP2-12-13-11-BP-V-2	Total	Ground Water	EPA 5030B	

Lab Chronicle

Client: Conestoga-Rovers & Assoc. (Emeryville) / SHELL
 Project/Site: SAP 135703

TestAmerica Job ID: NVL2716

Client Sample ID: WG-11213-BP2-12-13-11-GR-MW-4

Lab Sample ID: NVL2716-01

Date Collected: 12/13/11 14:50

Matrix: Ground Water

Date Received: 12/17/11 08:15

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total	Prep	EPA 5030B		1.00	11L6318_P	12/13/11 14:50	JPH	TAL NSH
Total	Analysis	SW846 8260B		1.00	U022539	12/23/11 13:31	KXC	TAL NSH
Total	Prep	EPA 5030B		1.00	11L6318_P	12/13/11 14:50	TSP	TAL NSH
Total	Prep	EPA 5030B	RE1	1.00	11L6713_P	12/13/11 14:50	JPH	TAL NSH
Total	Analysis	SW846 8260B	RE1	10.0	U022623	12/24/11 23:22	KXC	TAL NSH
Total	Prep	EPA 5030B	RE1	1.0	11L6713_P	12/13/11 14:50	JPH	TAL NSH
Total	Analysis	CA LUFT GC/MS	RE1	10	U022623	12/24/11 23:22	KXC	TAL NSH

Client Sample ID: WG-11213-BP2-12-13-11-GR-MW-5

Lab Sample ID: NVL2716-02

Date Collected: 12/13/11 15:30

Matrix: Ground Water

Date Received: 12/17/11 08:15

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total	Prep	EPA 5030B		1.00	11L6318_P	12/13/11 15:30	TSP	TAL NSH
Total	Analysis	SW846 8260B		1.00	U022539	12/23/11 13:58	KXC	TAL NSH
Total	Prep	EPA 5030B	RE1	1.00	11L6713_P	12/13/11 15:30	JPH	TAL NSH
Total	Analysis	SW846 8260B	RE1	500	U022623	12/25/11 02:02	KXC	TAL NSH
Total	Prep	EPA 5030B	RE1	1.0	11L6713_P	12/13/11 15:30	JPH	TAL NSH
Total	Analysis	CA LUFT GC/MS	RE1	500	U022623	12/25/11 02:02	KXC	TAL NSH

Client Sample ID: WG-11213-BP2-12-13-11-BP-MW-6

Lab Sample ID: NVL2716-03

Date Collected: 12/13/11 15:00

Matrix: Ground Water

Date Received: 12/17/11 08:15

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total	Prep	EPA 5030B		1.00	11L6318_P	12/13/11 15:00	TSP	TAL NSH
Total	Analysis	SW846 8260B		1.00	U022539	12/23/11 14:25	KXC	TAL NSH
Total	Prep	EPA 5030B	RE1	1.00	11L6713_P	12/13/11 15:00	JPH	TAL NSH
Total	Analysis	SW846 8260B	RE1	20.0	U022623	12/24/11 23:49	KXC	TAL NSH
Total	Prep	EPA 5030B	RE1	1.0	11L6713_P	12/13/11 15:00	JPH	TAL NSH
Total	Analysis	CA LUFT GC/MS	RE1	20	U022623	12/24/11 23:49	KXC	TAL NSH

Client Sample ID: WG-11213-BP2-12-13-11-BP-MW-7

Lab Sample ID: NVL2716-04

Date Collected: 12/13/11 14:15

Matrix: Ground Water

Date Received: 12/17/11 08:15

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total	Prep	EPA 5030B	RE1	1.00	11L6713_P	12/13/11 14:15	JPH	TAL NSH
Total	Analysis	SW846 8260B	RE1	1.00	U022623	12/24/11 17:37	KXC	TAL NSH
Total	Prep	EPA 5030B	RE1	1.00	11L6713_P	12/13/11 14:15	TSP	TAL NSH
Total	Prep	EPA 5030B	RE2	1.00	11L6713_P	12/13/11 14:15	JPH	TAL NSH
Total	Analysis	SW846 8260B	RE2	10.0	U022623	12/24/11 18:03	KXC	TAL NSH
Total	Prep	EPA 5030B	RE2	1.0	11L6713_P	12/13/11 14:15	JPH	TAL NSH
Total	Analysis	CA LUFT GC/MS	RE2	10	U022623	12/24/11 18:03	KXC	TAL NSH

Lab Chronicle

Client: Conestoga-Rovers & Assoc. (Emeryville) / SHELL
 Project/Site: SAP 135703

TestAmerica Job ID: NVL2716

Client Sample ID: WG-11213-BP2-12-13-11-GR-MW-8

Lab Sample ID: NVL2716-05

Date Collected: 12/13/11 14:20

Matrix: Ground Water

Date Received: 12/17/11 08:15

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total	Prep	EPA 5030B		1.00	11L6318_P	12/13/11 14:20	JPH	TAL NSH
Total	Analysis	SW846 8260B		1.00	U022539	12/23/11 15:18	KXC	TAL NSH
Total	Prep	EPA 5030B		1.00	11L6318_P	12/13/11 14:20	TSP	TAL NSH
Total	Prep	EPA 5030B	RE1	1.00	11L6713_P	12/13/11 14:20	JPH	TAL NSH
Total	Analysis	SW846 8260B	RE1	10.0	U022623	12/25/11 00:16	KXC	TAL NSH
Total	Prep	EPA 5030B	RE1	1.0	11L6713_P	12/13/11 14:20	JPH	TAL NSH
Total	Analysis	CA LUFT GC/MS	RE1	10	U022623	12/25/11 00:16	KXC	TAL NSH

Client Sample ID: WG-11213-BP2-12-13-11-BP-MW-9

Lab Sample ID: NVL2716-06

Date Collected: 12/13/11 13:30

Matrix: Ground Water

Date Received: 12/17/11 08:15

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total	Prep	EPA 5030B	RE1	1.00	11L6713_P	12/13/11 13:30	TSP	TAL NSH
Total	Analysis	SW846 8260B	RE1	1.00	U022623	12/24/11 18:30	KXC	TAL NSH
Total	Prep	EPA 5030B	RE2	1.00	11L6713_P	12/13/11 13:30	TSP	TAL NSH
Total	Analysis	SW846 8260B	RE2	10.0	U022623	12/24/11 18:56	KXC	TAL NSH
Total	Prep	EPA 5030B	RE2	1.0	11L6713_P	12/13/11 13:30	JPH	TAL NSH
Total	Analysis	CA LUFT GC/MS	RE2	10	U022623	12/24/11 18:56	KXC	TAL NSH

Client Sample ID: WG-11213-BP2-12-13-11-BP-MW-10

Lab Sample ID: NVL2716-07

Date Collected: 12/13/11 13:15

Matrix: Ground Water

Date Received: 12/17/11 08:15

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total	Prep	EPA 5030B	RE1	1.00	11L6713_P	12/13/11 13:15	TSP	TAL NSH
Total	Analysis	SW846 8260B	RE1	1.00	U022623	12/24/11 19:23	KXC	TAL NSH
Total	Prep	EPA 5030B	RE1	1.0	11L6713_P	12/13/11 13:15	JPH	TAL NSH
Total	Analysis	CA LUFT GC/MS	RE1	1.0	U022623	12/24/11 19:23	KXC	TAL NSH

Client Sample ID: WG-11213-BP2-12-13-11-BP-MW-11

Lab Sample ID: NVL2716-08

Date Collected: 12/13/11 13:00

Matrix: Ground Water

Date Received: 12/17/11 08:15

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total	Prep	EPA 5030B	RE1	1.00	11L6713_P	12/13/11 13:00	TSP	TAL NSH
Total	Analysis	SW846 8260B	RE1	1.00	U022623	12/24/11 19:50	KXC	TAL NSH
Total	Prep	EPA 5030B	RE1	1.0	11L6713_P	12/13/11 13:00	JPH	TAL NSH
Total	Analysis	CA LUFT GC/MS	RE1	1.0	U022623	12/24/11 19:50	KXC	TAL NSH

Lab Chronicle

Client: Conestoga-Rovers & Assoc. (Emeryville) / SHELL
 Project/Site: SAP 135703

TestAmerica Job ID: NVL2716

Client Sample ID: WG-11213-BP2-12-13-11-BP-MW-12

Lab Sample ID: NVL2716-09

Date Collected: 12/13/11 11:50

Matrix: Ground Water

Date Received: 12/17/11 08:15

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total	Prep	EPA 5030B	RE1	1.00	11L6713_P	12/13/11 11:50	TSP	TAL NSH
Total	Analysis	SW846 8260B	RE1	1.00	U022623	12/24/11 20:16	KXC	TAL NSH
Total	Prep	EPA 5030B	RE1	1.0	11L6713_P	12/13/11 11:50	JPH	TAL NSH
Total	Analysis	CA LUFT GC/MS	RE1	1.0	U022623	12/24/11 20:16	KXC	TAL NSH

Client Sample ID: WG-11213-BP2-12-13-11-BP-MW-14

Lab Sample ID: NVL2716-10

Date Collected: 12/13/11 14:00

Matrix: Ground Water

Date Received: 12/17/11 08:15

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total	Prep	EPA 5030B		1.00	11L6318_P	12/13/11 14:00	JPH	TAL NSH
Total	Analysis	SW846 8260B		1.00	U022539	12/23/11 17:31	KXC	TAL NSH
Total	Prep	EPA 5030B		1.00	11L6318_P	12/13/11 14:00	TSP	TAL NSH
Total	Prep	EPA 5030B	RE1	1.00	11L6713_P	12/13/11 14:00	JPH	TAL NSH
Total	Analysis	SW846 8260B	RE1	10.0	U022623	12/25/11 00:42	KXC	TAL NSH
Total	Prep	EPA 5030B	RE1	1.0	11L6713_P	12/13/11 14:00	JPH	TAL NSH
Total	Analysis	CA LUFT GC/MS	RE1	10	U022623	12/25/11 00:42	KXC	TAL NSH

Client Sample ID: WG-11213-BP2-12-13-11-GR-V-1

Lab Sample ID: NVL2716-11

Date Collected: 12/13/11 12:28

Matrix: Ground Water

Date Received: 12/17/11 08:15

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total	Prep	EPA 5030B	RE1	1.00	11L6713_P	12/13/11 12:28	TSP	TAL NSH
Total	Analysis	SW846 8260B	RE1	1.00	U022623	12/24/11 20:43	KXC	TAL NSH
Total	Prep	EPA 5030B	RE1	1.0	11L6713_P	12/13/11 12:28	JPH	TAL NSH
Total	Analysis	CA LUFT GC/MS	RE1	1.0	U022623	12/24/11 20:43	KXC	TAL NSH

Client Sample ID: WG-11213-BP2-12-13-11-BP-V-2

Lab Sample ID: NVL2716-12

Date Collected: 12/13/11 15:30

Matrix: Ground Water

Date Received: 12/17/11 08:15

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total	Prep	EPA 5030B		1.00	11L6318_P	12/13/11 15:30	TSP	TAL NSH
Total	Analysis	SW846 8260B		1.00	U022539	12/23/11 18:24	KXC	TAL NSH
Total	Prep	EPA 5030B	RE1	1.00	11L6713_P	12/13/11 15:30	TSP	TAL NSH
Total	Analysis	SW846 8260B	RE1	50.0	U022623	12/25/11 01:09	KXC	TAL NSH
Total	Prep	EPA 5030B	RE1	1.0	11L6713_P	12/13/11 15:30	JPH	TAL NSH
Total	Analysis	CA LUFT GC/MS	RE1	50	U022623	12/25/11 01:09	KXC	TAL NSH

Laboratory References:

TAL NSH = TestAmerica Nashville, 2960 Foster Creighton Road, Nashville, TN 37204, TEL 800-765-0980

Method Summary

Client: Conestoga-Rovers & Assoc. (Emeryville) / SHELL
Project/Site: SAP 135703

TestAmerica Job ID: NVL2716

Method	Method Description	Protocol	Laboratory
CA LUFT GC/MS	Purgeable Petroleum Hydrocarbons		TAL NSH
SW846 8260B	Volatile Organic Compounds by EPA Method 8260B		TAL NSH

Protocol References:

Laboratory References:

TAL NSH = TestAmerica Nashville, 2960 Foster Creighton Road, Nashville, TN 37204, TEL 800-765-0980

Certification Summary

Client: Conestoga-Rovers & Assoc. (Emeryville) / SHELL
 Project/Site: SAP 135703

TestAmerica Job ID: NVL2716

Laboratory	Authority	Program	EPA Region	Certification ID
TestAmerica Nashville		ACIL		393
TestAmerica Nashville	A2LA	ISO/IEC 17025		0453.07
TestAmerica Nashville	A2LA	WY UST		453.07
TestAmerica Nashville	AIHA - LAP	IHLAP		100790
TestAmerica Nashville	Alabama	State Program	4	41150
TestAmerica Nashville	Alaska	Alaska UST	10	UST-087
TestAmerica Nashville	Arizona	State Program	9	AZ0473
TestAmerica Nashville	Arkansas	State Program	6	88-0737
TestAmerica Nashville	California	NELAC	9	1168CA
TestAmerica Nashville	Canada (CALA)	Canada (CALA)		3744
TestAmerica Nashville	Colorado	State Program	8	N/A
TestAmerica Nashville	Connecticut	State Program	1	PH-0220
TestAmerica Nashville	Florida	NELAC	4	E87358
TestAmerica Nashville	Illinois	NELAC	5	200010
TestAmerica Nashville	Iowa	State Program	7	131
TestAmerica Nashville	Kansas	NELAC	7	E-10229
TestAmerica Nashville	Kentucky	Kentucky UST	4	19
TestAmerica Nashville	Kentucky	State Program	4	90038
TestAmerica Nashville	Louisiana	NELAC	6	30613
TestAmerica Nashville	Louisiana	NELAC	6	LA100011
TestAmerica Nashville	Maryland	State Program	3	316
TestAmerica Nashville	Massachusetts	State Program	1	M-TN032
TestAmerica Nashville	Minnesota	NELAC	5	047-999-345
TestAmerica Nashville	Mississippi	State Program	4	N/A
TestAmerica Nashville	Montana	MT DEQ UST	8	NA
TestAmerica Nashville	New Hampshire	NELAC	1	2963
TestAmerica Nashville	New Jersey	NELAC	2	TN965
TestAmerica Nashville	New York	NELAC	2	11342
TestAmerica Nashville	North Carolina	North Carolina DENR	4	387
TestAmerica Nashville	North Dakota	State Program	8	R-146
TestAmerica Nashville	Ohio	OVAP	5	CL0033
TestAmerica Nashville	Oklahoma	State Program	6	9412
TestAmerica Nashville	Oregon	NELAC	10	TN200001
TestAmerica Nashville	Pennsylvania	NELAC	3	68-00585
TestAmerica Nashville	Rhode Island	State Program	1	LAO00268
TestAmerica Nashville	South Carolina	State Program	4	84009
TestAmerica Nashville	South Carolina	State Program	4	84009
TestAmerica Nashville	Tennessee	State Program	4	2008
TestAmerica Nashville	Texas	NELAC	6	T104704077-09-TX
TestAmerica Nashville	USDA	USDA		S-48469
TestAmerica Nashville	Utah	NELAC	8	TAN
TestAmerica Nashville	Virginia	NELAC Secondary AB	3	460152
TestAmerica Nashville	Virginia	State Program	3	00323
TestAmerica Nashville	Washington	State Program	10	C789
TestAmerica Nashville	West Virginia	West Virginia DEP	3	219
TestAmerica Nashville	Wisconsin	State Program	5	998020430

Accreditation may not be offered or required for all methods and analytes reported in this package. Please contact your project manager for the laboratory's current list of certified methods and analytes.