



**CONESTOGA-ROVERS
& ASSOCIATES**

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TRANSMITTAL

DATE: November 15, 2012 REFERENCE NO.: 240612
PROJECT NAME: 1784 150th Avenue, San Leandro

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

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Alameda County
Environmental Health

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QUANTITY	DESCRIPTION
1	Groundwater Monitoring Report - Third Quarter 2012

As Requested For Review and Comment
 For Your Use _____

COMMENTS:

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

Copy to: Denis Brown, Shell Oil Products US (electronic copy)
Bansal, Inc. (property owner), 1784 150th Avenue, San Leandro, CA 94578-1826

Completed by: Peter Schaefer Signed: *Peter Schaefer*

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: Shell-branded Service Station
1784 150th Avenue
San Leandro, California
SAP Code 136019
Incident No. 98996068
ACEH Case No. RO0000367

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 - THIRD QUARTER 2012

**SHELL-BRANDED SERVICE STATION
1784 150TH AVENUE
SAN LEANDRO, CALIFORNIA**

**SAP CODE 136019
INCIDENT NO. 98996068
AGENCY NO. RO0000367**

**NOVEMBER 15, 2012
REF. NO. 240612 (29)**

This report is printed on recycled paper.

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

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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	2
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 TESTAMERICA LABORATORIES, INC. - ANALYTICAL 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	1784 150th Avenue, San Leandro
Site Use	Shell-branded Service Station
Shell Project Manager	Denis Brown
CRA Project Manager	Peter Schaefer
Lead Agency and Contact	ACEH, Jerry Wickham
Agency Case No.	RO0000367
Shell SAP Code	136019
Shell Incident No.	98996068

Date of most recent agency correspondence was October 9, 2012 (electronic).

2.0 SITE ACTIVITIES, FINDINGS, AND DISCUSSION

2.1 CURRENT QUARTER'S ACTIVITIES

CRA's June 29, 2012 *Subsurface Investigation Report and Work Plan* presented soil vapor probe installation details for three new soil vapor probes and soil vapor analytical results for two of the new probes and three existing soil vapor probes.

Based on California State Water Resources Control Board's March 22, 2012 *USTCF 5-Year Review Summary, Third Review – March 2012*, which recommended closure with no further investigation, CRA submitted a letter to Alameda County Environmental Health (ACEH) on October 22, 2012 retracting our proposal for an additional soil vapor investigation.

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

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

2.2 CURRENT QUARTER'S FINDINGS

Groundwater Flow Direction	Southwesterly to southeasterly
Hydraulic Gradient	Variable
Depth to Water	14.52 to 26.13 feet below top of well casing

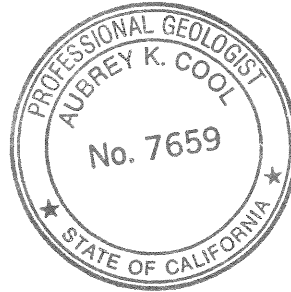
2.3 PROPOSED ACTIVITIES

ACEH's October 9, 2012 electronic correspondence approved suspension of groundwater monitoring during closure review. No further groundwater monitoring events are scheduled.

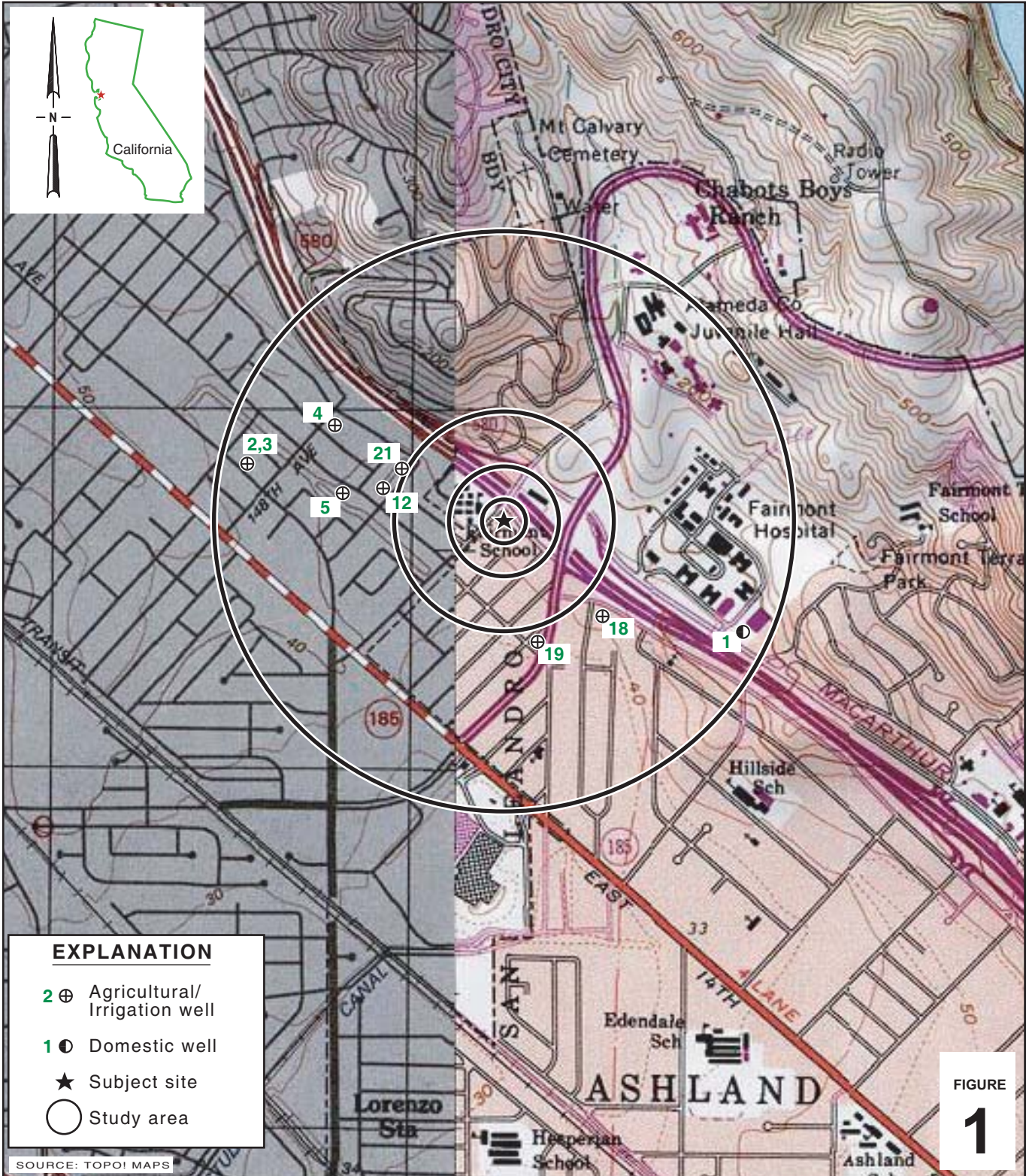
All of Which is Respectfully Submitted,
CONESTOGA-ROVERS & ASSOCIATES

Peter Schaefer
Peter Schaefer, CHG, CEG

Aubrey K Cool
Aubrey K. Cool, PG



FIGURES



I:\Shell\6-charts\2406--\240612--San Leandro 1784 150th\240612-FIGURES\240612 VICINITY.AI

FIGURE 1

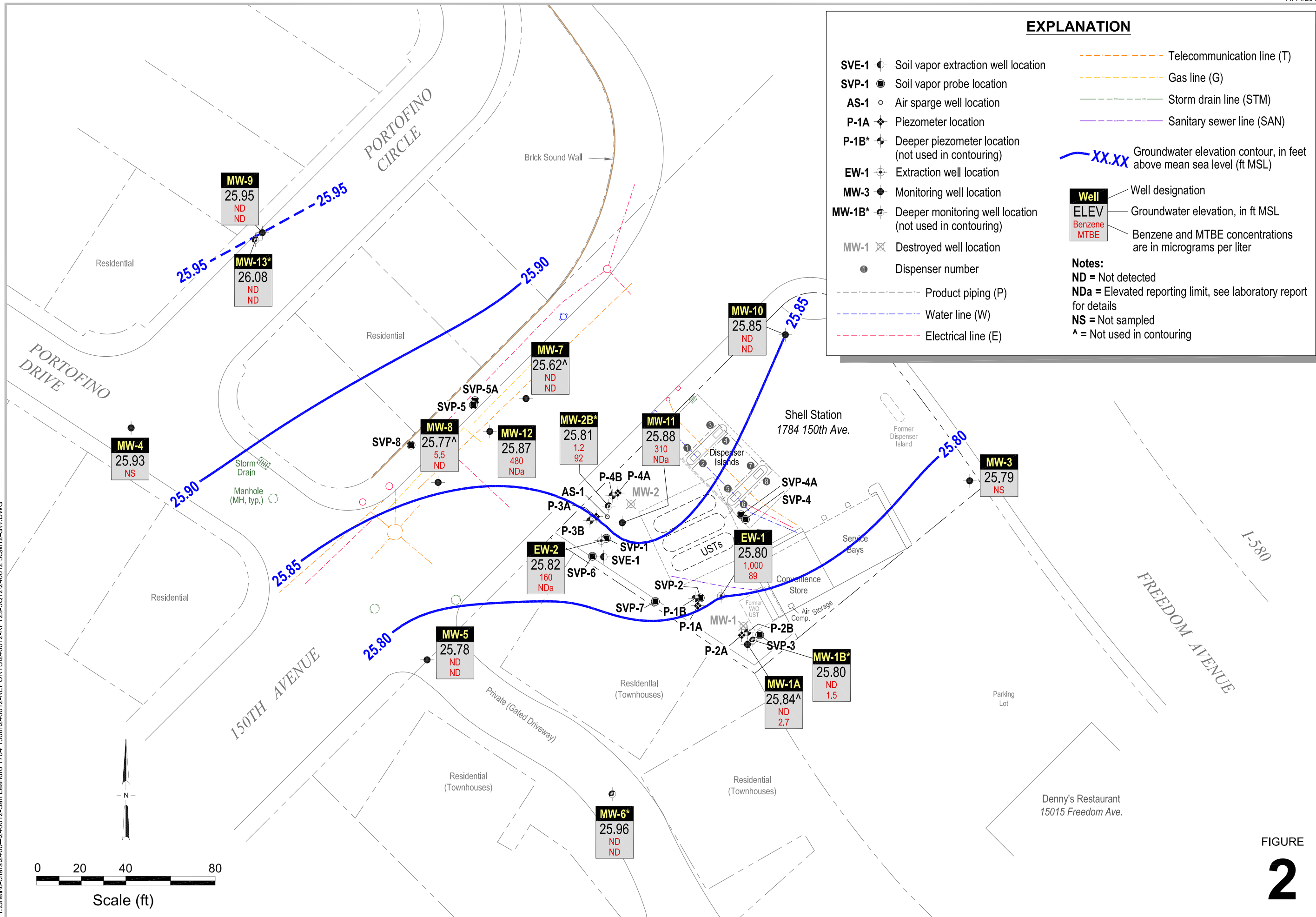
Shell-branded Service Station
 1784 150th Avenue
 San Leandro, California



CONESTOGA-ROVERS & ASSOCIATES

Vicinity Map

I:\Shell\6-chars\2406--240612-REPORTS\240612-RPT29-3Q12\240612_30M12-GW.DWG



Groundwater Elevation and Chemical Concentration Map

CONESTOGA-ROVERS & ASSOCIATES

September 20, 2012

Shell-branded Service Station

1784 150th Avenue
San Leandro, California

FIGURE 2

TABLE

TABLE 1

GROUNDWATER DATA
SHELL-BRANDED SERVICE STATION
1784 150th AVENUE, SAN LEANDRO, CALIFORNIA

Well ID	Date	TPHd (µg/L)	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)	1,2- DCA (µg/L)	EDB (µg/L)	TOC (ft MSL)	Depth to Water (ft TOC)	SPH Thickness (ft)	GW Elevation (ft MSL)	DO Reading (mg/L)
EW-1	09/15/2008	---	---	---	---	---	---	---	---	---	---	---	---	---	---	48.44	23.26	---	25.18	---
EW-1	01/06/2009	---	43,000	1,600	860	1,500	3,800	---	500	---	---	---	---	---	---	48.44	22.51	---	25.93	0.18
EW-1	03/10/2009	---	39,000	2,500	1,300	1,700	5,300	---	390	---	---	---	---	---	---	48.44	19.58	---	28.86	1.21
EW-1	06/03/2009	---	26,000	540	220	1,300	2,600	---	210	---	---	---	---	---	---	48.44	21.80	---	26.64	1.09
EW-1	09/30/2009	---	48,000	390	140	1,900	4,200	---	210	740	<40	<40	<40	---	---	48.44	23.74	---	24.70	0.09
EW-1	03/05/2010	---	28,000	1,300	260	1,000	1,900	---	200	---	---	---	---	---	---	48.44	19.13	---	29.31	1.22
EW-1	09/16/2010	---	35,000	2,400	650	1,700	2,300	---	290	650	<20	<20	<20	---	---	48.44	22.07	---	26.37	0.21
EW-1	03/18/2011	---	9,300	140	23	490	680	---	68	---	---	---	---	---	---	48.44	20.09	---	28.35	0.30
EW-1	09/27/2011	---	17,000	1,200	270	1,200	2,300	---	110	520	<20	<20	<20	---	---	48.44	21.38	---	27.06	1.29
EW-1	03/09/2012	---	18,000	1,100	190	1,100	2,000	---	140	---	---	---	---	---	---	48.44	21.70	---	26.74	0.45
EW-1	09/20/2012	---	14,000	1,000	180	790	1,000	---	89	460	<10	<10	<10	---	---	48.44	22.64	---	25.80	2.85
EW-2	09/15/2008	---	---	---	---	---	---	---	---	---	---	---	---	---	---	44.52	19.35	---	25.17	---
EW-2	01/06/2009	---	85,000	970	1,400	3,200	20,000	---	150	---	---	---	---	---	---	44.52	18.63	---	25.89	0.22
EW-2	03/10/2009	---	67,000	190	650	3,100	21,000	---	<100	---	---	---	---	---	---	44.52	16.21	---	28.31	0.76
EW-2	06/03/2009	---	62,000	560	490	3,000	18,000	---	<100	---	---	---	---	---	---	44.52	17.90	---	26.62	0.03
EW-2	09/30/2009	9,700 l,m	67,000	480	330	3,300	17,000	---	110	540	<100	<100	<100	---	---	44.52	19.84	---	24.68	0.20
EW-2	03/05/2010	---	63,000	150	320	2,400	13,000	---	64	---	---	---	---	---	---	44.52	15.10	---	29.42	0.21
EW-2	09/16/2010	---	42,000	160	670	2,400	12,000	---	60	330	<50	<50	<50	---	---	44.52	18.25	---	26.27	0.22
EW-2	03/18/2011	---	44,000	310	1,100	2,700	14,000	---	<50	---	---	---	---	---	---	44.52	16.41	---	28.11	0.31
EW-2	09/27/2011	---	42,000	280	1,100	2,700	14,000	---	<40	<400	<40	<40	<40	---	---	44.52	17.46	---	27.06	1.27
EW-2	03/09/2012	---	52,000	200	1,500	2,700	16,000	---	<25	---	---	---	---	---	---	44.52	17.87	---	26.65	0.35
EW-2	09/20/2012	---	46,000	160	580	2,500	13,000	---	<20	<400	<20	<20	<20	---	---	44.52	18.70	---	25.82	1.75
MW-1	03/08/1990	120	510	1.5	0.8	<0.5	5.4	---	---	---	---	---	---	---	---	49.13	25.29	---	23.84	---
MW-1	06/12/1990	100	390	86	1.3	0.7	6.2	---	---	---	---	---	---	---	---	49.13	25.85	---	23.28	---
MW-1	09/13/1990	130	100	56	0.75	2.4	2.8	---	---	---	---	---	---	---	---	49.13	27.49	---	21.64	---
MW-1	12/18/1990	<50	480	54	1.7	3.3	3.7	---	---	---	---	---	---	---	---	49.13	27.41	---	21.72	---
MW-1	03/07/1991	<50	80	266	<0.5	1.2	<1.5	---	---	---	---	---	---	---	---	49.13	25.79	---	23.34	---
MW-1	06/07/1991	<50	510	130	3.8	6.1	11	---	---	---	---	---	---	---	---	49.13	25.64	---	23.49	---
MW-1	09/17/1991	120 a	330	67	<0.5	3.0	2.2	---	---	---	---	---	---	---	---	49.13	27.54	---	21.59	---
MW-1	12/09/1991	80	140 a	<0.5	<0.5	1.7	4.7	---	---	---	---	---	---	---	---	49.13	27.81	---	21.32	---
MW-1	02/13/1992	---	---	---	---	---	---	---	---	---	---	---	---	---	---	49.13	25.57	---	23.56	---
MW-1	02/24/1992	---	---	---	---	---	---	---	---	---	---	---	---	---	---	49.13	22.83	---	26.30	---
MW-1	02/27/1992	---	---	---	---	---	---	---	---	---	---	---	---	---	---	49.13	23.09	---	26.04	---
MW-1	03/01/1992	<50	<50	<0.5	<0.5	<0.5	<0.5	---	---	---	---	---	---	---	---	49.13	23.26	---	25.87	---
MW-1	06/03/1992	---	1,500	520	180	72	230	---	---	---	---	---	---	---	---	49.13	24.64	---	24.49	---
MW-1	09/01/1992	---	130	16	1.4	1.8	3.4	---	---	---	---	---	---	---	---	49.13	26.74	---	22.39	---
MW-1	10/06/1992	---	---	---	---	---	---	---	---	---	---	---	---	---	---	49.13	27.18	---	21.95	---

TABLE 1

GROUNDWATER DATA
SHELL-BRANDED SERVICE STATION
1784 150th AVENUE, SAN LEANDRO, CALIFORNIA

Well ID	Date	TPHd (µg/L)	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)	1,2- DCA (µg/L)	EDB (µg/L)	TOC (ft MSL)	Depth to Water (ft TOC)	SPH Thickness (ft)	GW Elevation (ft MSL)	DO Reading (mg/L)
MW-1	11/11/1992	---	---	---	---	---	---	---	---	---	---	---	---	---	---	49.13	27.99	---	21.14	---
MW-1	12/04/1992	---	150	360	0.70	1.8	2.1	---	---	---	---	---	---	---	---	49.13	27.14	---	21.99	---
MW-1	01/22/1993	---	---	---	---	---	---	---	---	---	---	---	---	---	---	49.13	20.09	---	29.04	---
MW-1	02/10/1993	---	---	---	---	---	---	---	---	---	---	---	---	---	---	49.13	24.26	---	24.87	---
MW-1	03/03/1993	---	<50	1.5	<0.5	<0.5	<0.5	---	---	---	---	---	---	---	---	49.13	20.50	---	28.63	---
MW-1	05/11/1993	---	---	---	---	---	---	---	---	---	---	---	---	---	---	49.13	21.70	---	27.43	---
MW-1	06/17/1993	---	1,600	340	120	120	440	---	---	---	---	---	---	---	---	49.13	22.42	---	26.71	---
MW-1	09/10/1993	---	2,600	670	340	310	730	---	---	---	---	---	---	---	---	49.13	24.11	---	25.02	---
MW-1	12/13/1993	---	11,000	470	320	380	2,300	---	---	---	---	---	---	---	---	49.13	23.73	---	25.40	---
MW-1	03/03/1994	---	16,000	700	690	480	3,200	---	---	---	---	---	---	---	---	49.13	22.08	---	27.05	---
MW-1	06/06/1994	---	7,500	420	280	200	1,000	---	---	---	---	---	---	---	---	49.13	23.10	---	26.03	---
MW-1	09/12/1994	---	1,200	110	21	3.3	420	---	---	---	---	---	---	---	---	49.13	25.19	---	23.94	---
MW-1	12/19/1994	---	4,600	470	330	230	1,300	---	---	---	---	---	---	---	---	49.13	23.06	---	26.07	---
MW-1	02/28/1995	---	500	59	32	6.8	68	---	---	---	---	---	---	---	---	49.13	20.90	---	28.23	---
MW-1	03/24/1995	---	---	---	---	---	---	---	---	---	---	---	---	---	---	49.13	18.28	---	30.85	---
MW-1	06/26/1995	---	5,500	740	420	300	1,800	---	---	---	---	---	---	---	---	49.13	20.40	---	28.73	---
MW-1	09/13/1995	---	84,000	1,900	2,600	3,000	14,000	---	---	---	---	---	---	---	---	49.13	22.62	---	26.51	---
MW-1	12/19/1995	---	80,000	660	350	170	18,000	---	---	---	---	---	---	---	---	49.13	22.10	---	27.03	---
MW-1	03/07/1996	---	---	---	---	---	---	---	---	---	---	---	---	---	---	49.13	18.83	0.05	30.34	---
MW-1	06/28/1996	---	270,000	2,800	820	1,000	16,000	<0.5	---	---	---	---	---	---	---	49.13	21.46	---	27.67	---
MW-1 (D)	06/28/1996	---	790,000	2,200	780	1,000	13,000	15,000	---	---	---	---	---	---	---	49.13	---	---	---	---
MW-1	09/26/1996	---	29,000	1,100	260	270	1,900	<1,000	---	---	---	---	---	---	---	49.13	23.57	0.01	25.57	---
MW-1	09/26/1996	---	25,000	1,200	320	240	1,900	<1,000	---	---	---	---	---	---	---	49.13	---	---	---	---
MW-1	12/10/1996	---	13,000	510	240	230	1,200	100	---	---	---	---	---	---	---	49.13	21.43	---	27.70	1.0
MW-1 (D)	12/10/1996	---	8,400	420	130	140	680	81	---	---	---	---	---	---	---	49.13	---	---	---	1.0
MW-1	03/10/1997	---	4,200	13	8.8	16	74	<12	---	---	---	---	---	---	---	49.13	20.08	---	29.05	2.0
MW-1 (D)	03/10/1997	---	5,100	12	8.9	17	79	<25	---	---	---	---	---	---	---	49.13	---	---	---	2.0
MW-1	06/30/1997	---	5,700	320	120	140	700	47	---	---	---	---	---	---	---	49.13	21.68	---	27.45	1.6
MW-1 (D)	06/30/1997	---	5,300	300	95	120	580	45	---	---	---	---	---	---	---	49.13	---	---	---	1.6
MW-1	09/12/1997	---	6,300	120	26	82	260	30	---	---	---	---	---	---	---	49.13	21.78	---	27.35	2.1
MW-1	12/18/1997	---	---	---	---	---	---	---	---	---	---	---	---	---	---	49.13	20.78	---	28.35	1.3
MW-1	02/02/1998	---	84	5.1	<0.50	<0.50	2.1	2.5	---	---	---	---	---	---	---	49.13	19.65	---	29.48	2.0
MW-1	06/24/1998	---	13,000	3,000	260	410	1,400	<250	---	---	---	---	---	---	---	49.13	19.65	---	29.48	2.5
MW-1 (D)	06/24/1998	---	12,000	3,800	250	47	1,400	710	---	---	---	---	---	---	---	49.13	---	---	---	2.5
MW-1	08/26/1998	---	3,100	1,200	27	170	50	88	---	---	---	---	---	---	---	49.13	20.49	---	28.64	2.1
MW-1	12/23/1998	---	45,000	5,300	220	1,000	3,600	970	---	---	---	---	---	---	---	49.13	21.22	---	27.91	3.8
MW-1	03/01/1999	---	22,300	2,540	436	753	3,370	<400	---	---	---	---	---	---	---	49.13	19.27	---	29.86	1.8
MW-1	06/14/1999	---	18,800	6,820	210	436	958	1,360	---	---	---	---	---	---	---	49.13	20.80	---	28.33	2.2
MW-1	09/28/1999	---	21,500	7,470	281	467	927	1,800	---	---	---	---	---	---	---	49.13	22.55	---	26.58	2.0

TABLE 1

GROUNDWATER DATA
SHELL-BRANDED SERVICE STATION
1784 150th AVENUE, SAN LEANDRO, CALIFORNIA

Well ID	Date	TPH _d (µg/L)	TPH _g (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)	1,2- DCA (µg/L)	EDB (µg/L)	TOC (ft MSL)	Depth to Water (ft TOC)	SPH Thickness (ft)	GW Elevation (ft MSL)	DO Reading (mg/L)
MW-1	12/08/1999	---	22,300	6,140	135	256	367	232	---	---	---	---	---	---	---	49.13	23.12	---	26.01	2.1
MW-1	03/14/2000	---	6,690	1,880	63.5	134	307	460	---	---	---	---	---	---	---	49.13	18.87	---	30.26	2.3
MW-1	06/28/2000	---	8,080	2,690	85.1	149	514	701	---	---	---	---	---	---	---	49.13	21.12	---	28.01	2.4
MW-1	09/06/2000	---	17,800	7,390	212	329	1,270	<1,000	---	---	---	---	---	---	---	49.13	21.90	---	27.23	3.0
MW-1	12/14/2000	---	8,900	4,870	79.2	106	370	1,840	673 f	---	---	---	---	---	---	49.13	22.60	---	26.53	2.0
MW-1	03/05/2001	---	7,520	2,120	66.0	107	129	668	---	---	---	---	---	---	---	49.13	20.06	---	29.07	0.4
MW-1	06/11/2001	---	30,000	7,400	390	600	2,300	---	170	---	---	---	---	---	---	49.13	22.39	---	26.74	1.6
MW-1	09/12/2001	---	23,000	7,500	120	280	910	---	320	---	---	---	---	---	---	49.13	23.37	---	25.76	2.2
MW-1	12/27/2001	---	16,000	2,400	190	330	1,500	---	350	---	---	---	---	---	---	49.13	20.97	---	28.16	1.3
MW-1	02/27/2002	---	26,000	6,100	330	510	2,000	---	210	---	---	---	---	---	---	49.10	20.47	---	28.63	1.3
MW-1	06/18/2002	---	29,000	8,100	280	510	1,800	---	140	---	---	---	---	---	---	49.10	21.99	---	27.11	2.2
MW-1	09/18/2002	---	34,000	5,900	350	700	3,000	---	<250	---	---	---	---	---	---	49.10	23.21	---	25.89	0.8
MW-1	12/27/2002	---	7,500	1,200	30	120	410	---	230	310	<5.0	<5.0	<5.0	31	<5.0	49.10	20.10	---	29.00	0.6
MW-1	03/05/2003	---	17,000	1,600	88	400	1,400	---	230	290	---	---	<10	<10	---	49.10	21.05	---	28.05	1.7
MW-1	06/24/2003	Well inaccessible		---	---	---	---	---	---	---	---	---	---	---	---	49.10	---	---	---	---
MW-1	06/25/2003	---	14,000	5,300	250	440	2,100	---	100	<500	---	---	<200	<50	---	49.10	21.93	---	27.17	0.9
MW-1	09/25/2003	---	33,000	7,700	250	860	3,400	---	130	<500	---	---	<200	<50	---	49.10	23.21	---	25.89	1.7
MW-1	12/15/2003	---	63,000	14,000	360	1,300	3,900	---	150	<1000	---	---	<400	<100	---	49.10	22.08	---	27.02	1.5
MW-1	03/04/2004	---	28,000	8,000	180	640	2,100	---	79	<500	---	---	<200	<50	---	49.10	19.85	---	29.25	0.2
MW-1	05/27/2004	---	33,000	8,700	260	840	2,700	---	81	<500	---	---	<200	<50	---	49.10	22.15	---	26.95	0.2
MW-1	09/24/2004	---	26,000	5,700	210	830	2,900	---	<50	<500	<200	<200	<200	<50	<50	49.10	23.69	---	25.41	1.5
MW-1	11/22/2004	---	100,000	2,500	920	4,100	22,000	---	130	<500	---	---	<200	<50	---	49.10	23.19	---	25.91	---
MW-1	03/02/2005	---	110,000	1,300	670	4,000	23,000	---	87	<500	---	---	<100	<25	---	49.10	19.35	---	29.75	---
MW-1	06/30/2005	---	94,000	6,500	1,100	3,900	21,000	---	900	<2,500	---	---	<1,000	<250	---	49.10	20.64	---	28.46	0.6
MW-1	09/20/2005	---	63,000	3,900	540	2,000	14,000	---	1,100	<2,000	<800	<800	<800	<200	---	49.10	22.06	---	27.04	---
MW-1	12/05/2005	---	---	---	---	---	---	---	---	---	---	---	---	---	---	49.10	21.90	0.06	27.25	---
MW-1	03/02/2006	---	---	---	---	---	---	---	---	---	---	---	---	---	---	49.10	17.54	0.05	31.60	---
MW-1	06/29/2006	Well inaccessible		---	---	---	---	---	---	---	---	---	---	---	---	49.10	---	---	---	---
MW-1	06/30/2006	---	---	---	---	---	---	---	---	---	---	---	---	---	---	49.10	20.16	0.04	28.97	---
MW-1	07/06/2006	---	---	---	---	---	---	---	---	---	---	---	---	---	---	49.10	20.26	0.03	28.86	---
MW-1	09/11/2006	---	---	---	---	---	---	---	---	---	---	---	---	---	---	49.10	21.24	0.06	27.91	---
MW-1	12/28/2006	---	---	---	---	---	---	---	---	---	---	---	---	---	---	49.10	20.83	0.04	28.30	---
MW-1	03/20/2007	---	43,600	11,900 i	348 i	964 i	1,450 i	---	9,180 i	<10,000 i	---	---	<200 i	<100 i	---	49.10	20.88	---	28.22	0.26
MW-1	06/01/2007	---	22,000 j	7,900	120	310	424 k	---	7,800	---	---	---	---	---	---	49.10	21.93	---	27.17	0.72
MW-1	06/26/2007	---	20,000 j	6,700	110	360	730	---	6,500	2,200	---	---	<200	<50	---	49.10	22.30	---	26.80	1.33
MW-1	07/19/2007	---	26,000 j	6,100	92 k	180	523 k	---	7,100	---	---	---	---	---	---	49.10	22.70	---	26.40	2.89
MW-1	08/14/2007	---	44,000 j	6,300	130	910	4,100	---	6,300	---	---	---	---	---	---	49.10	22.90	---	26.20	1.9
MW-1	09/11/2007	---	38,000 j	8,100	140	670	1,770	---	5,700	3,000	<100	<100	<100	<25	---	49.10	23.65	---	25.45	0.84
MW-1	10/26/2007	---	40,000 j	9,500	120	540	1,370	---	6,300	---	---	---	---	---	---	49.10	23.04	---	26.06	0.9

TABLE 1

GROUNDWATER DATA
SHELL-BRANDED SERVICE STATION
1784 150th AVENUE, SAN LEANDRO, CALIFORNIA

Well ID	Date	TPHd (µg/L)	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)	1,2- DCA (µg/L)	EDB (µg/L)	TOC (ft MSL)	Depth to Water (ft TOC)	SPH Thickness (ft)	GW Elevation (ft MSL)	DO Reading (mg/L)
MW-1	11/13/2007	---	36,000 j	8,400	110	480	1,400	---	7,100	---	---	---	---	---	---	49.10	22.99	---	26.11	0.30
MW-1	12/26/2007	---	33,000 j	8,600	120	550	1,330	---	5,300	2,500	---	---	<100	<25	---	49.10	22.37	---	26.73	0.5
MW-1	01/03/2008	---	42,000 j	9,900	170	810	2,140	---	5,300	---	---	---	---	---	---	49.10	22.53	---	26.57	1.63
MW-1	02/21/2008	---	32,000 j	9,900	540	1,100	2,260	---	5,500	---	---	---	---	---	---	49.10	20.42	---	28.68	2.1
MW-1	03/19/2008	---	41,000 j	9,900	620	1,300	2,280	---	5,600	6,900	---	---	---	<50	---	49.10	21.01	---	28.09	0.24
MW-1	04/16/2008	---	53,000	10,000	430	1,100	2,200	---	5,500	---	---	---	---	---	---	49.10	21.49	---	27.61	1.70
MW-1	05/29/2008	---	47,000	9,100	670	1,100	2,270	---	4,600	---	---	---	---	---	---	49.10	22.17	---	26.93	1.10
MW-1	06/05/2008	---	51,000	7,900	660	1,100	2,780	---	4,600	3,700	<200	<200	<200	<50	---	49.10	22.31	---	26.79	0.19
MW-1	07/22/2008	---	69,000	8,700	510	1,400	3,480	---	3,100	---	---	---	---	---	---	49.10	23.13	0.01	25.98	1.64
MW-1	09/29/2008	---	61,000	7,900	560	1,400	2,480	---	2,300	4,100	<200	<200	<200	<50	---	49.10	24.04	---	25.06	0.69
MW-1	Well destroyed	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
MW-1A	09/15/2008	---	---	---	---	---	---	---	---	---	---	---	---	---	---	48.99	23.78	---	25.21	---
MW-1A	12/19/2008	---	320	0.54	<1.0	<1.0	<1.0	---	12	---	---	---	---	---	---	48.99	23.61	---	25.38	0.38
MW-1A	03/10/2009	---	570	8.0	<1.0	1.5	1.2	---	16	---	---	---	---	---	---	48.99	20.15	---	28.84	1.80
MW-1A	06/03/2009	---	200	<0.50	<1.0	<1.0	<1.0	---	12	---	---	---	---	---	---	48.99	22.30	---	26.69	1.71
MW-1A	09/30/2009	---	140	<0.50	<1.0	<1.0	<1.0	---	6.0	66	<2.0	<2.0	<2.0	---	---	48.99	24.28	---	24.71	0.38
MW-1A	03/05/2010	---	540	30	<1.0	2.3	2.8	---	22	---	---	---	---	---	---	48.99	19.66	---	29.33	0.48
MW-1A	09/16/2010	---	120	<0.50	<1.0	<1.0	<1.0	---	9.7	42	<2.0	<2.0	<2.0	---	---	48.99	22.69	---	26.30	0.22
MW-1A	03/18/2011	---	110	17	<0.50	<0.50	<1.0	---	11	---	---	---	---	---	---	48.99	20.60	---	28.39	0.62
MW-1A	09/27/2011	---	360	<0.50	<0.50	<0.50	<1.0	---	7.4	82	<1.0	<1.0	<1.0	---	---	48.99	21.90	---	27.09	1.09
MW-1A	03/09/2012	---	220	<0.50	<0.50	<0.50	<1.0	---	4.6	---	---	---	---	---	---	48.99	22.20	---	26.79	0.47
MW-1A	09/20/2012	---	310	<0.50	<0.50	<0.50	<1.0	---	2.7	46	<0.50	<0.50	<0.50	---	---	48.99	23.15	---	25.84	1.10
MW-1B	10/31/2008	---	---	---	---	---	---	---	---	---	---	---	---	---	---	49.07	24.25	---	24.82	---
MW-1B	12/19/2008	---	980	14	<1.0	3.8	15	---	440	---	---	---	---	---	---	49.07	23.71	---	25.36	0.42
MW-1B	03/10/2009	---	790	11	<5.0	<5.0	8.4	---	450	---	---	---	---	---	---	49.07	20.36	---	28.71	1.22
MW-1B	06/03/2009	---	470	<2.5	<5.0	<5.0	<5.0	---	460	---	---	---	---	---	---	49.07	22.38	---	26.69	2.37
MW-1B	09/30/2009	---	<50	<0.50	<1.0	<1.0	<1.0	---	3.2	<10	<2.0	<2.0	<2.0	---	---	49.07	24.35	---	24.72	0.42
MW-1B	03/05/2010	---	<50	<0.50	<1.0	<1.0	<1.0	---	4.3	---	---	---	---	---	---	49.07	19.82	---	29.25	0.15
MW-1B	09/16/2010	---	<50	<0.50	<1.0	<1.0	<1.0	---	1.2	<10	<2.0	<2.0	<2.0	---	---	49.07	22.79	---	26.28	0.25
MW-1B	03/18/2011	---	<50	<0.50	<0.50	<0.50	<1.0	---	1.6	---	---	---	---	---	---	49.07	19.00	---	30.07	0.77
MW-1B	09/27/2011	---	<50	<0.50	<0.50	<0.50	<1.0	---	6.6	<10	<1.0	<1.0	<1.0	---	---	49.07	22.05	---	27.02	1.91
MW-1B	03/09/2012	---	<50	<0.50	<0.50	<0.50	<1.0	---	44	---	---	---	---	---	---	49.07	22.35	---	26.72	0.74
MW-1B	09/20/2012	---	<50	<0.50	<0.50	<0.50	<1.0	---	1.5	<10	<0.50	<0.50	<0.50	---	---	49.07	23.27	---	25.80	2.72
MW-2	02/13/1992	---	---	---	---	---	---	---	---	---	---	---	---	---	---	45.83	22.22	---	23.61	---
MW-2	02/24/1992	2,700 a	17,000	6,200	1,600	550	1,900	---	---	---	---	---	---	---	---	45.83	19.61	---	26.22	---
MW-2	02/27/1992	---	---	---	---	---	---	---	---	---	---	---	---	---	---	45.83	19.92	---	25.91	---

TABLE 1

**GROUNDWATER DATA
SHELL-BRANDED SERVICE STATION
1784 150th AVENUE, SAN LEANDRO, CALIFORNIA**

Well ID	Date	TPHd (µg/L)	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)	1,2- DCA (µg/L)	EDB (µg/L)	TOC (ft MSL)	Depth to Water (ft TOC)	SPH Thickness (ft)	GW Elevation (ft MSL)	DO Reading (mg/L)
MW-2	03/01/1992	1,000 a	86,000	30,000	34,000	2,300	16,000	---	---	---	---	---	---	---	---	45.83	21.11	---	24.72	---
MW-2	06/03/1992	---	87,000	28,000	18,000	2,000	10,000	---	---	---	---	---	---	---	---	45.83	21.58	---	24.25	---
MW-2	09/01/1992	---	110,000	21,000	13,000	1,900	7,800	---	---	---	---	---	---	---	---	45.83	23.46	---	22.37	---
MW-2	10/06/1992	---	---	---	---	---	---	---	---	---	---	---	---	---	---	45.83	23.99	---	21.84	---
MW-2	11/11/1992	---	---	---	---	---	---	---	---	---	---	---	---	---	---	45.83	24.25	---	21.58	---
MW-2	12/04/1992	---	42,000	15,000	2,400	960	2,900	---	---	---	---	---	---	---	---	45.83	23.89	---	21.94	---
MW-2	01/22/1993	---	---	---	---	---	---	---	---	---	---	---	---	---	---	45.83	17.03	---	28.80	---
MW-2	02/10/1993	---	---	---	---	---	---	---	---	---	---	---	---	---	---	45.83	18.08	---	27.75	---
MW-2	03/03/1993	---	160,000	36,000	3,800	32,000	21,000	---	---	---	---	---	---	---	---	45.83	17.28	---	28.55	---
MW-2 (D)	03/03/1993	---	150,000	31,000	3,100	20,000	14,000	---	---	---	---	---	---	---	---	45.83	---	---	---	---
MW-2	05/11/1993	---	---	---	---	---	---	---	---	---	---	---	---	---	---	45.83	18.41	---	27.42	---
MW-2	06/17/1993	---	65,000	34,000	15,000	3,200	11,000	---	---	---	---	---	---	---	---	45.83	19.06	---	26.77	---
MW-2 (D)	06/17/1993	---	62,000	28,000	14,000	2,700	10,000	---	---	---	---	---	---	---	---	45.83	---	---	---	---
MW-2	09/10/1993	---	72,000	24,000	16,000	2,300	11,000	---	---	---	---	---	---	---	---	45.83	20.88	---	24.95	---
MW-2 (D)	09/10/1993	---	71,000	23,000	15,000	2,300	10,000	---	---	---	---	---	---	---	---	45.83	---	---	---	---
MW-2	12/13/1993	---	19,000	5,400	4,900	680	3,100	---	---	---	---	---	---	---	---	45.83	20.42	---	25.41	---
MW-2 (D)	12/13/1993	---	17,000	6,200	5,500	720	3,500	---	---	---	---	---	---	---	---	45.83	---	---	---	---
MW-2	03/03/1994	---	110,000	21,000	24,000	2,000	13,000	---	---	---	---	---	---	---	---	45.83	18.48	---	27.35	---
MW-2 (D)	03/03/1994	---	93,000	19,000	22,000	1,800	12,000	---	---	---	---	---	---	---	---	45.83	---	---	---	---
MW-2	06/06/1994	---	10,000	1,900	3,300	2,500	13,000	---	---	---	---	---	---	---	---	45.83	20.26	---	25.57	---
MW-2 (D)	06/06/1994	---	99,000	9,900	12,000	2,400	12,000	---	---	---	---	---	---	---	---	45.83	---	---	---	---
MW-2	09/12/1994	---	160,000	22,000	33,000	3,400	23,000	---	---	---	---	---	---	---	---	45.83	21.80	---	24.03	---
MW-2 (D)	09/12/1994	---	150,000	23,000	34,000	3,500	23,000	---	---	---	---	---	---	---	---	45.83	---	---	---	---
MW-2	12/19/1994	---	80,000	17,000	16,000	2,300	14,000	---	---	---	---	---	---	---	---	45.83	19.66	---	26.17	---
MW-2 (D)	12/19/1994	---	100,000	28,000	26,000	3,400	20,000	---	---	---	---	---	---	---	---	45.83	---	---	---	---
MW-2	02/28/1995	---	100,000	24,000	18,000	2,300	17,000	---	---	---	---	---	---	---	---	45.83	17.51	---	28.32	---
MW-2 (D)	02/28/1995	---	100,000	31,000	21,000	3,200	18,000	---	---	---	---	---	---	---	---	45.83	---	---	---	---
MW-2	03/24/1995	---	---	---	---	---	---	---	---	---	---	---	---	---	---	45.83	14.88	---	30.95	---
MW-2	06/26/1995	---	45,000	14,000	12,000	1,500	7,500	---	---	---	---	---	---	---	---	45.83	17.58	---	28.25	---
MW-2 (D)	06/26/1995	---	68,000	13,000	11,000	1,800	7,700	---	---	---	---	---	---	---	---	45.83	---	---	---	---
MW-2	09/13/1995	---	110,000	19,000	19,000	2,800	15,000	---	---	---	---	---	---	---	---	45.83	19.28	---	26.55	---
MW-2 (D)	09/13/1995	---	120,000	20,000	20,000	2,900	15,000	---	---	---	---	---	---	---	---	45.83	---	---	---	---
MW-2	12/19/1995	---	180,000	18,000	29,000	4,100	24,000	---	---	---	---	---	---	---	---	45.83	18.61	---	27.22	---
MW-2 (D)	12/19/1995	---	160,000	18,000	28,000	3,800	24,000	---	---	---	---	---	---	---	---	45.83	---	---	---	---
MW-2	03/06/1996	---	120,000	28,000	15,000	3,900	17,000	---	---	---	---	---	---	---	---	45.83	15.41	---	30.42	---
MW-2	06/28/1996	---	96,000	20,000	20,000	4,100	22,000	2,400	---	---	---	---	---	---	---	45.83	17.84	---	27.99	---
MW-2	09/26/1996	---	87,000	7,600	11,000	2,500	15,000	990	840	---	---	---	---	---	---	45.83	19.60	---	26.23	---
MW-2	12/10/1996	---	---	---	---	---	---	---	---	---	---	---	---	---	---	45.83	18.15	0.25	27.88	---
MW-2	03/10/1997	---	---	---	---	---	---	---	---	---	---	---	---	---	---	45.83	17.02	0.20	28.97	---

TABLE 1

GROUNDWATER DATA
SHELL-BRANDED SERVICE STATION
1784 150th AVENUE, SAN LEANDRO, CALIFORNIA

Well ID	Date	TPHd (µg/L)	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)	1,2- DCA (µg/L)	EDB (µg/L)	TOC (ft MSL)	Depth to Water (ft TOC)	SPH Thickness (ft)	GW Elevation (ft MSL)	DO Reading (mg/L)
MW-2	06/30/1997	---	57,000	3,600	4,600	1,300	9,700	2,300	---	---	---	---	---	---	---	45.83	19.42	---	26.41	2.4
MW-2	09/12/1997	---	88,000	7,800	8,800	2,600	16,000	3,200	---	---	---	---	---	---	---	45.83	19.40	---	26.43	1.7
MW-2 (D)	09/12/1997	---	90,000	8,300	9,400	2,700	17,000	3,400	---	---	---	---	---	---	---	45.83	---	---	---	1.7
MW-2	12/18/1997	---	---	---	---	---	---	---	---	---	---	---	---	---	---	45.83	17.56	---	28.27	1.3
MW-2	02/02/1998	---	<50	0.60	1.9	0.93	6.0	9.3	---	---	---	---	---	---	---	45.83	18.14	---	27.69	2
MW-2 (D)	02/02/1998	---	56	1.0	2.8	1.4	9.3	13	---	---	---	---	---	---	---	45.83	---	---	---	2
MW-2	06/24/1998	---	20,000	<200	620	560	4,500	<1,000	---	---	---	---	---	---	---	45.83	16.08	---	29.75	2.4
MW-2	08/26/1998	---	22,000	380	1,100	560	4,400	330	---	---	---	---	---	---	---	45.83	19.25	---	26.58	---
MW-2 (D)	08/26/1998	---	11,000	180	130	290	500	1,400	---	---	---	---	---	---	---	45.83	---	---	---	---
MW-2	12/23/1998	---	100,000	4,100	6,500	2,400	16,000	<500	---	---	---	---	---	---	---	45.83	18.29	---	27.54	3.8
MW-2	03/01/1999	---	50,800	3,910	7,480	1,890	13,100	9,620	---	---	---	---	---	---	---	45.83	22.81	---	23.02	2.0
MW-2	06/14/1999	---	4,930	128	270	139	1,040	2,200	2,540 f	---	---	---	---	---	---	45.83	18.86	---	26.97	1.6
MW-2	09/28/1999	---	16,200	647	1,070	542	4,130	5,320	4,790	---	---	---	---	---	---	45.83	21.41	---	24.42	1.8
MW-2	12/08/1999	---	25,700	1,670	2,110	977	6,600	6,190	5,970	---	---	---	---	---	---	45.83	21.89	---	23.94	1.8
MW-2	03/14/2000	---	45,100	2,070	4,710	1,920	12,800	16,700	18,300 f	---	---	---	---	---	---	45.83	15.57	---	30.26	2.0
MW-2	06/28/2000	---	52,100	5,150	4,200	1,880	13,300	15,500	13,500 f	---	---	---	---	---	---	45.83	17.79	---	28.04	1.9
MW-2	09/06/2000	---	39,500	4,490	3,290	2,100	14,000	18,500	9,060 f	---	---	---	---	---	---	45.83	18.65	---	27.18	3.5
MW-2	12/14/2000	---	209	3.51	1.11	1.00	64.4	79.4	---	---	---	---	---	---	---	45.83	19.00	---	26.83	1.5
MW-2	03/05/2001	---	38,200	2,010	927	1,250	8,300	13,100	15,400	---	---	---	---	---	---	45.83	16.66	---	29.17	1.0
MW-2	06/11/2001	---	50,000	4,400	2,200	1,800	11,000	---	26,000	---	---	---	---	---	---	45.83	18.93	---	26.90	1.7
MW-2	09/12/2001	---	59,000	6,100	2,800	2,300	14,000	---	21,000	---	---	---	---	---	---	45.83	19.85	---	25.98	1.6
MW-2	12/27/2001	---	74,000	8,600	2,500	2,500	17,000	---	25,000	---	---	---	---	---	---	45.83	17.85	---	27.98	2.6
MW-2	02/27/2002	---	70,000	8,100	2,600	2,100	13,000	---	32,000	---	---	---	---	---	---	45.79	17.15	---	28.64	2.0
MW-2	06/18/2002	---	72,000	9,500	3,000	2,200	13,000	---	29,000	---	---	---	---	---	---	45.79	18.49	---	27.30	0.6
MW-2	09/18/2002	---	48,000	7,600	850	1,300	6,300	---	8,700	---	---	---	---	---	---	45.79	19.95	---	25.84	1.0
MW-2	12/27/2002	---	40,000	5,900	1,200	1,400	7,800	---	19,000	10,000	<50	<50	55	<50	<50	45.79	16.71	---	29.08	1.0
MW-2	03/05/2003	---	62,000	13,000	1,400	2,000	7,900	---	21,000	10,000	---	---	<50	<50	---	45.79	17.72	---	28.07	1.4
MW-2	06/24/2003	---	19,000	9,500	530	700	2,900	---	14,000	6,000	---	---	<400	<100	---	45.79	18.30	---	27.49	1.4
MW-2	09/25/2003	---	65,000	24,000	1,500	2,400	9,700	---	19,000	6,400	---	---	<1,000	<250	---	45.79	20.05	---	25.74	1.3
MW-2	12/15/2003	---	67,000	18,000	1,800	1,900	7,200	---	11,000	3,700	---	---	<400	<100	---	45.79	18.80	---	26.99	0.1
MW-2	03/04/2004	---	72,000	27,000	1,200	2,100	7,600	---	13,000	6,800	---	---	<400	<100	---	45.79	16.75	---	29.04	0.2
MW-2	05/27/2004	---	74,000	6,000	2,000	2,500	15,000	---	19,000	8,500	---	---	<400	<100	---	45.79	18.85	---	26.94	0.8
MW-2	09/24/2004	---	<100	<1.0	<1.0	<1.0	<2.0	---	130	46	<4.0	<4.0	<4.0	19	<1.0	45.79	16.10	---	29.69	5.1
MW-2	11/22/2004	---	8,800	1,200	230	350	1,900	---	2,200	1,300	---	---	<40	<10	---	45.79	19.83	---	25.96	0.3
MW-2	03/02/2005	---	960	150	21	30	220	---	630	460	---	---	<10	<2.5	---	45.79	15.90	---	29.89	0.5
MW-2	06/30/2005	---	970	130	19	27	210	---	320 d	220	---	---	<2.0	0.98	---	45.79	17.14	---	28.65	0.7
MW-2	09/20/2005	---	890	320	10	35	190	---	440	570	<10	<10	<10	<2.5	---	45.79	18.66	---	27.13	0.9
MW-2	12/05/2005	---	690	150	6.1	21	130	---	450	520	---	---	<5.0	<5.0	---	45.79	18.58	---	27.21	0.51
MW-2	03/02/2006	---	11,000 f	2,700 f	150 f	440 f	2,300 f	---	1,600 f	3,800 f	---	---	5.7	<0.50 h	---	45.79	16.30	---	29.49	1.2

TABLE 1

GROUNDWATER DATA
SHELL-BRANDED SERVICE STATION
1784 150th AVENUE, SAN LEANDRO, CALIFORNIA

Well ID	Date	TPHd (µg/L)	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)	1,2- DCA (µg/L)	EDB (µg/L)	TOC (ft MSL)	Depth to Water (ft TOC)	SPH Thickness (ft)	GW Elevation (ft MSL)	DO Reading (mg/L)
MW-2	06/29/2006	Well inaccessible		---	---	---	---	---	---	---	---	---	---	---	---	45.79	---	---	---	---
MW-2	06/30/2006	---	3,870	177	33.1	55.5	311	---	1,560	1,180	---	---	4.90	<0.500	---	45.79	16.72	---	29.07	0.58
MW-2	07/06/2006	---	---	---	---	---	---	---	---	---	---	---	---	---	---	45.79	16.86	---	28.93	---
MW-2	09/11/2006	---	10,700	1,010	134	211	1,280	---	2,780	1,850	<0.500	<0.500	45.7	<0.500	---	45.79	17.86	---	27.93	1.03
MW-2	12/28/2006	---	29,000	2,600	550	1,000	5,600	---	2,500	3,300	---	---	<50	<12	---	45.79	17.45	---	28.34	1.09
MW-2	03/20/2007	---	57,600	14,200 i	4,150 i	4,310 i	22,400 i	---	6,240 i	<10,000 i	---	---	<200 i	<100 i	---	45.79	17.28	---	28.51	0.18
MW-2	06/26/2007	---	39,000 j	3,400	2,300	2,200	12,900	---	3,300	3,400	---	---	<100	<25	---	45.79	18.64	---	27.15	0.30
MW-2	09/11/2007	---	30,000 j	4,000	2,500	2,500	13,000	---	2,600	2,600	<100	<100	<100	<25	---	45.79	19.57	---	26.22	1.14
MW-2	12/26/2007	---	43,000 j	6,200	2,200	2,800	17,600	---	2,200	2,000	---	---	<50	<12	---	45.79	18.78	---	27.01	3.2
MW-2	03/19/2008	---	19,000 j	2,400	1,800	1,200	6,000	---	910	1,000	---	---	<200	<50	---	45.79	17.32	---	28.47	0.06
MW-2	05/29/2008	---	---	---	---	---	---	---	---	---	---	---	---	---	---	45.79	18.40	---	27.39	---
MW-2	06/05/2008	---	68,000	7,400	2,600	2,800	14,100	---	2,600	1,800	<100	<100	<100	<25	---	45.79	18.71	---	27.08	0.28
MW-2	07/22/2008	---	---	---	---	---	---	---	---	---	---	---	---	---	---	45.79	19.48	---	26.31	---
MW-2	09/29/2008	---	84,000	2,600	6,900	3,400	19,300	---	620	<500	<100	<100	<100	<25	---	45.79	24.50	---	21.29	1.37
MW-2	Well destroyed	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
MW-2B	10/31/2008	---	---	---	---	---	---	---	---	---	---	---	---	---	---	44.96	20.20	---	24.76	---
MW-2B	12/19/2008	---	1,300	43	2.0	<1.0	65	---	50	---	---	---	---	---	---	44.96	19.60	---	25.36	0.48
MW-2B	03/10/2009	---	800	58	1.3	<1.0	4.2	---	110	---	---	---	---	---	---	44.96	16.10	---	28.86	0.69
MW-2B	06/03/2009	---	28,000	8,600	<500	<500	<500	---	5,000	---	---	---	---	---	---	44.96	18.36	---	26.60	0.06
MW-2B	06/26/2009	---	12,000	3,100	5.2	<2.0	11	---	3,600	---	---	---	---	---	---	44.96	18.84	---	26.12	0.76
MW-2B	09/30/2009	270 l,m	10,000	1,500	<25	<25	<25	---	3,300	2,700	<50	<50	<50	---	---	44.96	20.30	---	24.66	0.26
MW-2B	03/05/2010	---	6,400	210	<20	<20	<20	---	2,400	---	---	---	---	---	---	44.96	15.56	---	29.40	0.16
MW-2B	09/16/2010	---	1,300	16	<10	<10	<10	---	1,600	310	<20	<20	<20	---	---	44.96	18.69	---	26.27	1.50
MW-2B	03/18/2011	---	270	1.0	37	9.0	72	---	5.1	---	---	---	---	---	---	44.96	16.78	---	28.18	0.91
MW-2B	09/27/2011	---	290	43	27	12	43	---	120	52	<1.0	<1.0	<1.0	---	---	44.96	17.87	---	27.09	1.16
MW-2B	03/09/2012	---	69	3.7	2.3	1.2	2.8	---	49	---	---	---	---	---	---	44.96	18.30	---	26.66	0.67
MW-2B	09/20/2012	---	120	1.2	<0.50	<0.50	<1.0	---	92	<10	<0.50	<0.50	<0.50	---	---	44.96	19.15	---	25.81	3.60
MW-3	02/13/1992	---	---	---	---	---	---	---	---	---	---	---	---	---	---	51.97	27.97	---	24.00	---
MW-3	02/24/1992	1,300 a	4,500	97	<5	78	18	---	---	---	---	---	---	---	---	51.97	25.60	---	26.37	---
MW-3	02/27/1992	---	---	---	---	---	---	---	---	---	---	---	---	---	---	51.97	25.88	---	26.09	---
MW-3	03/01/1992	440	2,200	69	<0.5	<0.5	<0.5	---	---	---	---	---	---	---	---	51.97	26.00	---	25.97	---
MW-3	06/03/1992	---	4,100	13	72	44	65	---	---	---	---	---	---	---	---	51.97	27.70	---	24.27	---
MW-3	09/01/1992	---	1,900	20	6.8	5.5	<5	---	---	---	---	---	---	---	---	51.97	29.46	---	22.51	---
MW-3 (D)	09/01/1992	---	1,900	21	6.6	3.4	<5	---	---	---	---	---	---	---	---	51.97	---	---	---	---
MW-3	10/06/1992	---	---	---	---	---	---	---	---	---	---	---	---	---	---	51.97	30.01	---	21.96	---
MW-3	11/11/1992	---	---	---	---	---	---	---	---	---	---	---	---	---	---	51.97	30.26	---	21.71	---
MW-3	12/04/1992	---	2,400	8.2	<5	<5	<5	---	---	---	---	---	---	---	---	51.97	29.93	---	22.04	---

TABLE 1

GROUNDWATER DATA
SHELL-BRANDED SERVICE STATION
1784 150th AVENUE, SAN LEANDRO, CALIFORNIA

Well ID	Date	TPHd (µg/L)	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)	1,2- DCA (µg/L)	EDB (µg/L)	TOC (ft MSL)	Depth to Water (ft TOC)	SPH Thickness (ft)	GW Elevation (ft MSL)	DO Reading (mg/L)
MW-3 (D)	12/04/1992	---	2,100	11	<0.5	5.7	<0.5	---	---	---	---	---	---	---	---	51.97	---	---	---	---
MW-3	01/22/1993	---	---	---	---	---	---	---	---	---	---	---	---	---	---	51.97	22.76	---	29.21	---
MW-3	02/10/1993	---	---	---	---	---	---	---	---	---	---	---	---	---	---	51.97	21.40	---	30.57	---
MW-3	03/03/1993	---	5,100	63	61	75	150	---	---	---	---	---	---	---	---	51.97	23.08	---	28.89	---
MW-3	05/11/1993	---	---	---	---	---	---	---	---	---	---	---	---	---	---	51.97	24.51	---	27.46	---
MW-3	06/17/1993	---	4,000	94	140	82	150	---	---	---	---	---	---	---	---	51.97	25.21	---	26.76	---
MW-3	09/10/1993	---	3,200	140	12.5	12.5	12.5	---	---	---	---	---	---	---	---	51.97	26.95	---	25.02	---
MW-3	12/13/1993	---	6,200	<12.5	<12.5	<12.5	<12.5	---	---	---	---	---	---	---	---	51.97	26.52	---	25.45	---
MW-3	03/03/1994	---	4,500	73	<5	<5	<5	---	---	---	---	---	---	---	---	51.97	24.50	---	27.47	---
MW-3	06/06/1994	---	3,200	<0.5	<0.5	3.1	<0.5	---	---	---	---	---	---	---	---	51.97	26.33	---	25.64	---
MW-3	09/12/1994	---	3,900	<0.5	<0.5	9.6	4.1	---	---	---	---	---	---	---	---	51.97	27.98	---	23.99	---
MW-3	12/19/1994	---	2,400	21	22	4.2	2.6	---	---	---	---	---	---	---	---	51.97	25.63	---	26.34	---
MW-3	02/28/1995	---	4,000	58	<0.5	7.1	3.5	---	---	---	---	---	---	---	---	51.97	23.45	---	28.52	---
MW-3	03/24/1995	---	---	---	---	---	---	---	---	---	---	---	---	---	---	51.97	21.07	---	30.90	---
MW-3	06/26/1995	---	3,900	8.1	<0.5	12	2.4	---	---	---	---	---	---	---	---	51.97	23.64	---	28.33	---
MW-3	09/13/1995	---	4,100	58	5.5	5.5	<0.5	---	---	---	---	---	---	---	---	51.97	25.40	---	26.57	---
MW-3	12/19/1995	---	3,600	<0.5	4.3	2.1	1.1	---	---	---	---	---	---	---	---	51.97	24.53	---	27.44	---
MW-3	03/07/1996	---	---	---	---	---	---	---	---	---	---	---	---	---	---	51.97	21.59	0.04	30.41	---
MW-3	06/28/1996	---	2,400	55	<0.5	<0.5	11	120	---	---	---	---	---	---	---	51.97	23.95	---	28.02	---
MW-3	09/26/1996	---	2,500	<5.0	<5.0	<5.0	<5.0	160	---	---	---	---	---	---	---	51.97	25.89	---	26.08	---
MW-3	12/10/1996	---	1,600	28	4.2	<2.0	3.9	110	---	---	---	---	---	---	---	51.97	24.22	---	27.75	0.8
MW-3	03/10/1997	---	130	<0.50	<0.50	<0.50	1.4	4.2	---	---	---	---	---	---	---	51.97	23.05	---	28.92	2.8
MW-3	06/30/1997	---	1,200	21	2.3	<2.0	<2.0	69	---	---	---	---	---	---	---	51.97	24.34	---	27.63	2.3
MW-3	09/12/1997	---	440	8.3	0.82	<0.50	1.9	3.4	---	---	---	---	---	---	---	51.97	24.47	---	27.50	1.9
MW-3	12/18/1997	---	---	---	---	---	---	---	---	---	---	---	---	---	---	51.97	23.54	---	28.43	0.8
MW-3	02/02/1998	---	400	9.3	0.68	<0.50	<0.50	9.0	---	---	---	---	---	---	---	51.97	21.92	---	30.05	1.5
MW-3	06/24/1998	---	<50	<0.50	<0.50	<0.50	<0.50	<2.5	---	---	---	---	---	---	---	51.97	22.35	---	29.62	1.9
MW-3	08/26/1998	---	140	7.4	<0.50	<0.50	2.5	13	---	---	---	---	---	---	---	51.97	23.45	---	28.52	1.3
MW-3	12/23/1998	---	1,200	50	<2.0	<2.0	<2.0	69	---	---	---	---	---	---	---	51.97	24.01	---	27.96	4.2
MW-3	03/01/1999	---	2,550	<0.500	<0.500	<0.500	0.658	32.4	---	---	---	---	---	---	---	51.97	22.08	---	29.89	2.0
MW-3	06/14/1999	---	514	18.1	0.728	<0.500	<0.500	15.9	---	---	---	---	---	---	---	51.97	23.15	---	28.82	1.7
MW-3	09/28/1999	---	1,180	<1.00	<1.00	<1.00	<1.00	<10.0	---	---	---	---	---	---	---	51.97	25.36	---	26.61	1.2
MW-3	12/08/1999	---	1,740	71.5	23.0	24.2	61.3	103	---	---	---	---	---	---	---	51.97	25.75	---	26.22	2.0
MW-3	03/14/2000	---	1,410	5.63	35.6	<5.00	8.41	38.7	---	---	---	---	---	---	---	51.97	21.64	---	30.33	2.1
MW-3	06/28/2000	---	2,460	<5.00	9.48	<5.00	28.4	64.0	---	---	---	---	---	---	---	51.97	23.84	---	28.13	2.87
MW-3	09/06/2000	---	887	<1.00	<1.00	<1.00	<1.00	<10.0	---	---	---	---	---	---	---	51.97	24.73	---	27.24	2.0
MW-3	12/14/2000	---	955	25.4	1.96	<0.500	1.13	10.2	---	---	---	---	---	---	---	51.97	25.45	---	26.52	2.1
MW-3	03/05/2001	---	2,100	4.90	56.5	<2.00	3.62	261	---	---	---	---	---	---	---	51.97	22.83	---	29.14	0.8
MW-3	06/11/2001	---	2,000	1.0	<0.50	<0.50	<0.50	---	<0.50	---	---	---	---	---	---	51.97	25.20	---	26.77	0.7

TABLE 1

GROUNDWATER DATA
SHELL-BRANDED SERVICE STATION
1784 150th AVENUE, SAN LEANDRO, CALIFORNIA

Well ID	Date	TPH _d (µg/L)	TPH _g (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)	1,2- DCA (µg/L)	EDB (µg/L)	TOC (ft MSL)	Depth to Water (ft TOC)	SPH Thickness (ft)	GW Elevation (ft MSL)	DO Reading (mg/L)
MW-3	09/12/2001	---	1,500	0.50	0.54	<0.50	1.8	---	<5.0	---	---	---	---	---	---	51.97	26.15	---	25.82	1.5
MW-3	12/27/2001	---	2,100	<0.50	<0.50	<0.50	<0.50	---	<5.0	---	---	---	---	---	---	51.97	23.67	---	28.30	1.9
MW-3	02/27/2002	---	2,300	<0.50	<0.50	<0.50	<0.50	---	<5.0	---	---	---	---	---	---	51.92	23.23	---	28.69	1.5
MW-3	06/18/2002	---	2,000	<0.50	<0.50	<0.50	<0.50	---	<0.50	---	---	---	---	---	---	51.92	24.74	---	27.18	2.0
MW-3	09/18/2002	---	2,600	<0.50	<0.50	<0.50	<0.50	---	<5.0	---	---	---	---	---	---	51.92	26.05	---	25.87	1.4
MW-3	12/27/2002	Well inaccessible		---	---	---	---	---	---	---	---	---	---	---	---	51.92	---	---	---	---
MW-3	03/05/2003	---	2,300	<0.50	<0.50	<0.50	<0.50	---	<5.0	<50	---	---	<2.0	13	---	51.92	23.84	---	28.08	1.3
MW-3	06/24/2003	Well inaccessible		---	---	---	---	---	---	---	---	---	---	---	---	51.92	---	---	---	---
MW-3	06/25/2003	---	1,800 b	0.71	<0.50	<0.50	<1.0	---	0.54	<5.0	---	---	<2.0	1.1	---	51.92	24.48	---	27.44	1.3
MW-3	09/25/2003	---	---	---	---	---	---	---	---	---	---	---	---	---	---	51.92	25.99	---	25.93	---
MW-3	12/15/2003	---	---	---	---	---	---	---	---	---	---	---	---	---	---	51.92	24.94	---	26.98	---
MW-3	03/04/2004	---	---	---	---	---	---	---	---	---	---	---	---	---	---	51.92	22.50	---	29.42	---
MW-3	05/27/2004	---	2,500	<0.50	<0.50	<0.50	<1.0	---	1.1	<5.0	---	---	<2.0	0.82	---	51.92	24.94	---	26.98	0.5
MW-3	09/24/2004	---	---	---	---	---	---	---	---	---	---	---	---	---	---	51.92	26.55	---	25.37	---
MW-3	11/22/2004	---	---	---	---	---	---	---	---	---	---	---	---	---	---	51.92	25.92	---	26.00	---
MW-3	03/02/2005	---	---	---	---	---	---	---	---	---	---	---	---	---	---	51.92	22.12	---	29.80	---
MW-3	06/30/2005	---	3,700	<2.0	2.4	<2.0	<4.0	---	<2.0	<20	<8.0	<8.0	<8.0	<2.0	---	51.92	23.31	---	28.61	1.2
MW-3	09/20/2005	---	---	---	---	---	---	---	---	---	---	---	---	---	---	51.92	24.78	---	27.14	---
MW-3	12/05/2005	---	---	---	---	---	---	---	---	---	---	---	---	---	---	51.92	24.65	---	27.27	---
MW-3	03/02/2006	---	---	---	---	---	---	---	---	---	---	---	---	---	---	51.92	22.56	---	29.36	---
MW-3	06/29/2006	Well inaccessible		---	---	---	---	---	---	---	---	---	---	---	---	51.92	---	---	---	---
MW-3	06/30/2006	---	1,580	<0.500	<0.500	<0.500	<0.500	---	<0.500	<10.0	<0.500	<0.500	<0.500	5.95	---	51.92	22.89	---	29.03	0.49
MW-3	07/06/2006	---	---	---	---	---	---	---	---	---	---	---	---	---	---	51.92	22.99	---	28.93	---
MW-3	09/11/2006	---	---	---	---	---	---	---	---	---	---	---	---	---	---	51.92	23.92	---	28.00	---
MW-3	12/28/2006	---	---	---	---	---	---	---	---	---	---	---	---	---	---	51.92	23.68	---	28.24	---
MW-3	03/20/2007	---	---	---	---	---	---	---	---	---	---	---	---	---	---	51.92	23.91	---	28.01	---
MW-3	06/26/2007	---	1,400 j	<0.50	<1.0	<1.0	<1.0	---	<1.0	<10	<2.0	<2.0	<2.0	44	---	51.92	25.10	---	26.82	1.77
MW-3	09/11/2007	---	---	---	---	---	---	---	---	---	---	---	---	---	---	51.92	23.41	---	28.51	---
MW-3	12/26/2007	---	---	---	---	---	---	---	---	---	---	---	---	---	---	51.92	25.15	---	26.77	---
MW-3	03/19/2008	---	---	---	---	---	---	---	---	---	---	---	---	---	---	51.92	23.81	---	28.11	---
MW-3	06/05/2008	---	3,600	<0.50	<1.0	<1.0	<1.0	---	<1.0	<10	<2.0	<2.0	<2.0	33	---	51.92	25.08	---	26.84	0.10
MW-3	09/29/2008	---	---	---	---	---	---	---	---	---	---	---	---	---	---	51.92	26.85	---	25.07	---
MW-3	12/19/2008	---	---	---	---	---	---	---	---	---	---	---	---	---	---	51.92	26.47	---	25.45	---
MW-3	03/10/2009	---	---	---	---	---	---	---	---	---	---	---	---	---	---	51.92	23.13	---	28.79	---
MW-3	06/03/2009	---	2,000	<0.50	<1.0	<1.0	<1.0	---	<1.0	<10	<2.0	<2.0	<2.0	12	---	51.92	25.24	---	26.68	1.11
MW-3	09/30/2009	---	---	---	---	---	---	---	---	---	---	---	---	---	---	51.92	27.16	---	24.76	---
MW-3	03/05/2010	---	2,300	<0.50	<1.0	<1.0	<1.0	---	<1.0	<10	<2.0	<2.0	<2.0	9.9	---	51.92	22.54	---	29.38	0.14
MW-3	09/16/2010	---	---	---	---	---	---	---	---	---	---	---	---	---	---	51.92	25.75	---	26.17	---
MW-3	03/18/2011	---	1,800	<0.50	<0.50	<0.50	<1.0	---	1.5	<10	<1.0	<1.0	<1.0	15	---	51.92	23.17	---	28.75	0.48

TABLE 1

GROUNDWATER DATA
SHELL-BRANDED SERVICE STATION
1784 150th AVENUE, SAN LEANDRO, CALIFORNIA

Well ID	Date	TPHd (µg/L)	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)	1,2- DCA (µg/L)	EDB (µg/L)	TOC (ft MSL)	Depth to Water (ft TOC)	SPH Thickness (ft)	GW Elevation (ft MSL)	DO Reading (mg/L)
MW-3	09/27/2011	---	---	---	---	---	---	---	---	---	---	---	---	---	---	51.92	24.81	---	27.11	---
MW-3	03/09/2012	---	1,900	<1.3	<1.3	<1.3	<2.5	---	2.3	<25	<1.3	<1.3	<1.3	55	---	51.92	25.17	---	26.75	0.41
MW-3	09/20/2012	---	---	---	---	---	---	---	---	---	---	---	---	---	---	51.92	26.13	---	25.79	---
MW-4	03/24/1995	---	<50	<0.5	<0.5	<0.5	<0.5	---	---	---	---	---	---	---	---	40.51	9.16	---	31.35	---
MW-4	06/26/1995	---	<50	<0.5	<0.5	<0.5	<0.5	---	---	---	---	---	---	---	---	40.51	12.06	---	28.45	---
MW-4	09/13/1995	---	<50	<0.5	<0.5	<0.5	<0.5	---	---	---	---	---	---	---	---	40.51	13.90	---	26.61	---
MW-4	12/19/1995	---	<50	<0.5	<0.5	<0.5	<0.5	---	---	---	---	---	---	---	---	40.51	12.90	---	27.61	---
MW-4	03/06/1996	---	<50	<0.5	<0.5	<0.5	<0.5	---	---	---	---	---	---	---	---	40.51	9.63	---	30.88	---
MW-4	06/28/1996	---	40	<0.5	0.59	0.97	3.8	26	---	---	---	---	---	---	---	40.51	12.30	---	28.21	---
MW-4	09/26/1996	---	<50	<0.5	<0.5	<0.5	<0.5	<2.5	---	---	---	---	---	---	---	40.51	14.12	---	26.39	---
MW-4	12/10/1996	---	<50	<0.5	<0.5	<0.5	<0.5	<2.5	---	---	---	---	---	---	---	40.51	12.31	---	28.20	1.2
MW-4	03/10/1997	---	<50	<0.50	<0.50	<0.50	<0.50	<2.5	---	---	---	---	---	---	---	40.51	11.34	---	29.17	---
MW-4	06/30/1997	---	<50	<0.50	<0.50	<0.50	<0.50	<2.5	---	---	---	---	---	---	---	40.51	13.80	---	26.71	1.9
MW-4	09/12/1997	---	<50	<0.50	<0.50	<0.50	<0.50	<2.5	---	---	---	---	---	---	---	40.51	13.99	---	26.52	1.7
MW-4	12/18/1997	---	---	---	---	---	---	---	---	---	---	---	---	---	---	40.51	12.02	---	28.49	1.8
MW-4	02/02/1998	---	<50	<0.50	<0.50	<0.50	<0.50	<2.5	---	---	---	---	---	---	---	40.51	11.23	---	29.28	1
MW-4	06/24/1998	---	<50	<0.50	<0.50	<0.50	<0.50	<2.5	---	---	---	---	---	---	---	40.51	10.58	---	29.93	1.9
MW-4	08/26/1998	---	<50	<0.50	<0.50	<0.50	<0.50	<2.5	---	---	---	---	---	---	---	40.51	11.75	---	28.76	1.2
MW-4	12/23/1998	---	<50	0.60	<0.50	<0.50	<0.50	<2.5	---	---	---	---	---	---	---	40.51	12.41	---	28.10	4.2
MW-4	03/01/1999	---	<50.0	<0.500	<0.500	<0.500	<0.500	<2.00	---	---	---	---	---	---	---	40.51	10.38	---	30.13	2.1
MW-4	06/14/1999	---	<50.0	<0.500	<0.500	<0.500	<0.500	<2.50	---	---	---	---	---	---	---	40.51	11.91	---	28.60	2.4
MW-4	09/28/1999	---	<50.0	<0.500	<0.500	<0.500	<0.500	<5.00	---	---	---	---	---	---	---	40.51	10.19	---	30.32	2.2
MW-4	12/08/1999	---	<50.0	<0.500	<0.500	<0.500	<0.500	<2.50	---	---	---	---	---	---	---	40.51	10.67	---	29.84	1.8
MW-4	03/14/2000	---	<50.0	<0.500	<0.500	<0.500	<0.500	<2.50	---	---	---	---	---	---	---	40.51	9.95	---	30.56	2.5
MW-4	06/28/2000	---	<50.0	<0.500	<0.500	<0.500	<0.500	<2.50	---	---	---	---	---	---	---	40.51	12.22	---	28.29	0.9
MW-4	09/06/2000	---	---	---	---	---	---	---	---	---	---	---	---	---	---	40.51	13.17	---	27.34	3.0
MW-4	12/14/2000	---	---	---	---	---	---	---	---	---	---	---	---	---	---	40.51	8.65	---	31.86	---
MW-4	03/05/2001	---	---	---	---	---	---	---	---	---	---	---	---	---	---	40.51	11.07	---	29.44	---
MW-4	06/11/2001	---	<50	<0.50	<0.50	<0.50	<0.50	---	<0.50	---	---	---	---	---	---	40.51	13.62	---	26.89	1.3
MW-4	09/12/2001	---	---	---	---	---	---	---	---	---	---	---	---	---	---	40.51	14.61	---	25.90	---
MW-4	12/27/2001	---	---	---	---	---	---	---	---	---	---	---	---	---	---	40.51	12.19	---	28.32	---
MW-4	02/27/2002	---	---	---	---	---	---	---	---	---	---	---	---	---	---	40.45	11.64	---	28.81	---
MW-4	06/18/2002	---	<50	<0.50	<0.50	<0.50	<0.50	---	<0.50	---	---	---	---	---	---	40.45	13.22	---	27.23	0.6
MW-4	09/18/2002	---	---	---	---	---	---	---	---	---	---	---	---	---	---	40.45	14.46	---	25.99	---
MW-4	12/27/2002	---	---	---	---	---	---	---	---	---	---	---	---	---	---	40.45	11.23	---	29.22	---
MW-4	03/05/2003	---	---	---	---	---	---	---	---	---	---	---	---	---	---	40.45	12.22	---	28.23	---
MW-4	06/24/2003	---	57 b	<0.50	<0.50	<0.50	<1.0	---	12	---	---	---	---	---	---	40.45	12.79	---	27.66	1.6
MW-4	09/25/2003	---	---	---	---	---	---	---	---	---	---	---	---	---	---	40.45	14.45	---	26.00	---

TABLE 1

GROUNDWATER DATA
SHELL-BRANDED SERVICE STATION
1784 150th AVENUE, SAN LEANDRO, CALIFORNIA

Well ID	Date	TPHd (µg/L)	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)	1,2- DCA (µg/L)	EDB (µg/L)	TOC (ft MSL)	Depth to Water (ft TOC)	SPH Thickness (ft)	GW Elevation (ft MSL)	DO Reading (mg/L)
MW-4	12/15/2003	---	---	---	---	---	---	---	---	---	---	---	---	---	---	40.45	13.24	---	27.21	---
MW-4	03/04/2004	---	---	---	---	---	---	---	---	---	---	---	---	---	---	40.45	10.93	---	29.52	---
MW-4	05/27/2004	---	<50	<0.50	<0.50	<0.50	<1.0	---	<0.50	---	---	---	---	---	---	40.45	13.42	---	27.03	0.5
MW-4	09/24/2004	---	---	---	---	---	---	---	---	---	---	---	---	---	---	40.45	15.11	---	25.34	---
MW-4	11/22/2004	---	---	---	---	---	---	---	---	---	---	---	---	---	---	40.45	14.42	---	26.03	---
MW-4	03/02/2005	---	---	---	---	---	---	---	---	---	---	---	---	---	---	40.45	10.17	---	30.28	---
MW-4	06/30/2005	---	<50 c	<0.50	<0.50	<0.50	<1.0	---	<0.50	<5.0	<2.0	<2.0	<2.0	---	---	40.45	11.60	---	28.85	0.8
MW-4	09/20/2005	---	---	---	---	---	---	---	---	---	---	---	---	---	---	40.45	13.18	---	27.27	---
MW-4	12/05/2005	---	---	---	---	---	---	---	---	---	---	---	---	---	---	40.45	13.08	---	27.37	---
MW-4	03/02/2006	---	---	---	---	---	---	---	---	---	---	---	---	---	---	40.45	10.62	---	29.83	---
MW-4	06/29/2006	Well inaccessible						---	---	---	---	---	---	---	---	40.45	---	---	---	---
MW-4	06/30/2006	---	<50.0	<0.500	<0.500	<0.500	<0.500	---	<0.500	<10.0	<0.500	<0.500	<0.500	---	---	40.45	11.20	---	29.25	0.44
MW-4	07/06/2006	---	---	---	---	---	---	---	---	---	---	---	---	---	---	40.45	11.22	---	29.23	---
MW-4	09/11/2006	---	---	---	---	---	---	---	---	---	---	---	---	---	---	40.45	12.29	---	28.16	---
MW-4	12/28/2006	---	---	---	---	---	---	---	---	---	---	---	---	---	---	40.45	11.71	---	28.74	---
MW-4	03/20/2007	---	---	---	---	---	---	---	---	---	---	---	---	---	---	40.45	11.99	---	28.46	---
MW-4	06/26/2007	---	59 j	<0.50	<1.0	<1.0	<1.0	---	<1.0	<10	<2.0	<2.0	<2.0	---	---	40.45	13.60	---	26.85	3.69
MW-4	09/11/2007	---	---	---	---	---	---	---	---	---	---	---	---	---	---	40.45	11.61	---	28.84	---
MW-4	12/26/2007	---	---	---	---	---	---	---	---	---	---	---	---	---	---	40.45	13.72	---	26.73	---
MW-4	03/19/2008	---	---	---	---	---	---	---	---	---	---	---	---	---	---	40.45	12.19	---	28.26	---
MW-4	06/05/2008	---	<50	<0.50	<1.0	<1.0	<1.0	---	<1.0	<10	<2.0	<2.0	<2.0	---	---	40.45	13.62	---	26.83	0.09
MW-4	09/29/2008	---	---	---	---	---	---	---	---	---	---	---	---	---	---	40.45	15.55	---	24.90	---
MW-4	12/19/2008	---	---	---	---	---	---	---	---	---	---	---	---	---	---	40.45	15.03	---	25.42	---
MW-4	03/10/2009	---	---	---	---	---	---	---	---	---	---	---	---	---	---	40.45	11.55	---	28.90	---
MW-4	06/03/2009	---	<50	<0.50	<1.0	<1.0	<1.0	---	<1.0	<10	<2.0	<2.0	<2.0	---	---	40.45	13.78	---	26.67	0.05
MW-4	09/30/2009	---	---	---	---	---	---	---	---	---	---	---	---	---	---	40.45	15.76	---	24.69	---
MW-4	03/05/2010	---	<50	<0.50	<1.0	<1.0	<1.0	---	<1.0	<10	<2.0	<2.0	<2.0	---	---	40.45	10.85	---	29.60	0.25
MW-4	09/16/2010	---	---	---	---	---	---	---	---	---	---	---	---	---	---	40.45	14.10	---	26.35	---
MW-4	03/18/2011	---	<50	<0.50	<0.50	<0.50	<1.0	---	<1.0	<10	<1.0	<1.0	<1.0	---	---	40.45	11.08	---	29.37	0.89
MW-4	09/27/2011	---	---	---	---	---	---	---	---	---	---	---	---	---	---	40.45	13.20	---	27.25	---
MW-4	03/09/2012	---	<50	<0.50	<0.50	<0.50	<1.0	---	<0.50	<10	<0.50	<0.50	<0.50	---	---	40.45	13.64	---	26.81	0.12
MW-4	09/20/2012	---	---	---	---	---	---	---	---	---	---	---	---	---	---	40.45	14.52	---	25.93	---
MW-5	01/29/2002	---	---	---	---	---	---	---	---	---	---	---	---	---	---	41.46	12.82	---	28.64	---
MW-5	02/27/2002	---	190	<0.50	<0.50	0.85	1.5	---	<5.0	---	---	---	---	---	---	41.46	12.85	---	28.61	1.9
MW-5	06/18/2002	---	650	1.4	3.0	52	28	---	<0.50	---	---	---	---	---	---	41.46	13.65	---	27.81	0.8
MW-5	09/18/2002	---	390	0.72	0.51	<0.50	<0.50	---	<5.0	---	---	---	---	---	---	41.46	15.57	---	25.89	1.1
MW-5	12/27/2002	---	380	<0.50	<0.50	0.56	<0.50	---	<0.50	<50	<2.0	<2.0	<2.0	<2.0	<2.0	41.46	12.51	---	28.95	1.9
MW-5	03/05/2003	---	290	<0.50	1.7	9.4	22	---	<5.0	---	---	---	---	---	---	41.46	13.39	---	28.07	2.6

TABLE 1

GROUNDWATER DATA
SHELL-BRANDED SERVICE STATION
1784 150th AVENUE, SAN LEANDRO, CALIFORNIA

Well ID	Date	TPHd (µg/L)	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)	1,2- DCA (µg/L)	EDB (µg/L)	TOC (ft MSL)	Depth to Water (ft TOC)	SPH Thickness (ft)	GW Elevation (ft MSL)	DO Reading (mg/L)
MW-5	06/24/2003	---	220	<0.50	1.0	19	1.3	---	<0.50	---	---	---	---	---	---	41.46	13.91	---	27.55	1.7
MW-5	09/25/2003	---	<50	<0.50	<0.50	<0.50	<1.0	---	<0.50	---	---	---	---	---	---	41.46	15.58	---	25.88	2.1
MW-5	12/15/2003	---	200 b	<0.50	<0.50	<0.50	<1.0	---	<0.50	---	---	---	---	---	---	41.46	14.45	---	27.01	0.21
MW-5	03/04/2004	---	170 b	<0.50	<0.50	<0.50	<1.0	---	<0.50	---	---	---	---	---	---	41.46	12.52	---	28.94	0.1
MW-5	05/27/2004	---	<50	<0.50	<0.50	<0.50	<1.0	---	<0.50	---	---	---	---	---	---	41.46	14.49	---	26.97	0.5
MW-5	09/24/2004	---	<50	0.71	<0.50	<0.50	<1.0	---	<0.50	<5.0	<2.0	<2.0	<2.0	---	---	41.46	16.08	---	25.38	1.7
MW-5	11/22/2004	---	<50 c	<0.50	<0.50	<0.50	<1.0	---	<0.50	---	---	---	---	---	---	41.46	15.48	---	25.98	0.3
MW-5	03/02/2005	---	190	<0.50	<1.0	<1.0	<1.0	---	<1.0	<10	---	---	<2.0	<0.50	---	41.46	11.52	---	29.94	0.4
MW-5	06/30/2005	---	3,200	<5.0	25	200	270	---	<5.0	---	---	---	---	---	---	41.46	12.33	---	29.13	0.9
MW-5	09/20/2005	---	310	<0.50	1.3	47	2.5	---	<0.50	<5.0	<2.0	<2.0	<2.0	---	---	41.46	14.36	---	27.10	0.5
MW-5	12/05/2005	---	250	<0.50	0.94	26	<0.50	---	<0.50	---	---	---	---	---	---	41.46	14.25	---	27.21	0.58
MW-5	03/02/2006	---	3,000 f	<0.50	17	230 f	390 f	---	<0.50	---	---	---	---	---	---	41.46	11.87	---	29.59	0.7
MW-5	06/29/2006	Well inaccessible		---	---	---	---	---	---	---	---	---	---	---	---	41.46	---	---	---	---
MW-5	06/30/2006	---	729	<0.500	1.00	43.2	21.7	---	<0.500	---	---	---	---	---	---	41.46	12.49	---	28.97	0.67
MW-5	07/06/2006	---	---	---	---	---	---	---	---	---	---	---	---	---	---	41.46	12.58	---	28.88	---
MW-5	09/11/2006	---	<50.0	<0.500	<0.500	<0.500	1.29	---	<0.500	<10.0	<0.500	<0.500	<0.500	---	---	41.46	13.54	---	27.92	0.78
MW-5	12/28/2006	---	330	<0.50	<0.50	8.6	<1.0	---	<0.50	---	---	---	---	---	---	41.46	13.25	---	28.21	0.59
MW-5	03/20/2007	---	358	<0.500	<0.500	<0.500	<1.00	---	<0.500	---	---	---	---	---	---	41.46	13.28	---	28.18	0.11
MW-5	06/26/2007	---	120 j	<0.50	<1.0	<1.0	<1.0	---	<1.0	---	---	---	---	---	---	41.46	14.68	---	26.78	4.72
MW-5	09/11/2007	---	<50 j	0.19 k	<1.0	<1.0	<1.0	---	<1.0	<10	<2.0	<2.0	<2.0	---	---	41.46	15.57	---	25.89	0.84
MW-5	12/26/2007	---	110 j, 1	<0.50	<1.0	<1.0	<1.0	---	<1.0	---	---	---	---	---	---	41.46	14.76	---	26.70	0.8
MW-5	03/19/2008	---	2,000	<0.50	<1.0	<1.0	<1.0	---	<1.0	---	---	---	---	---	---	41.46	13.34	---	28.12	0.31
MW-5	06/05/2008	---	2,000	<0.50	<1.0	<1.0	<1.0	---	<1.0	---	---	---	---	---	---	41.46	14.63	---	26.83	0.10
MW-5	09/29/2008	---	830	<0.50	<1.0	<1.0	<1.0	---	<1.0	<10	<2.0	<2.0	<2.0	---	---	41.46	16.45	---	25.01	1.13
MW-5	12/19/2008	---	58	<0.50	<1.0	<1.0	<1.0	---	<1.0	---	---	---	---	---	---	41.46	16.04	---	25.42	0.62
MW-5	03/10/2009	---	820	<0.50	<1.0	13	10	---	<1.0	---	---	---	---	---	---	41.46	12.77	---	28.69	0.37
MW-5	06/03/2009	---	1,300	<0.50	1.1	68	94	---	<1.0	---	---	---	---	---	---	41.46	14.83	---	26.63	0.86
MW-5	09/30/2009	---	1,500	<0.50	<1.0	<1.0	<1.0	---	<1.0	<10	<2.0	<2.0	<2.0	---	---	41.46	16.72	---	24.74	0.14
MW-5	03/05/2010	---	190	<0.50	<1.0	<1.0	<1.0	---	<1.0	---	---	---	---	---	---	41.46	11.96	---	29.50	0.28
MW-5	09/16/2010	---	700	<0.50	<1.0	<1.0	<1.0	---	<1.0	<10	<2.0	<2.0	<2.0	---	---	41.46	15.24	---	26.22	0.47
MW-5	03/18/2011	---	230	<0.50	<0.50	<0.50	<1.0	---	<1.0	---	---	---	---	---	---	41.46	12.41	---	29.05	0.58
MW-5	09/27/2011	---	<50	<0.50	<0.50	<0.50	<1.0	---	<1.0	<10	<1.0	<1.0	<1.0	---	---	41.46	14.40	---	27.06	0.34
MW-5	03/09/2012	---	910	<0.50	<0.50	<0.50	<1.0	---	<0.50	---	---	---	---	---	---	41.46	14.77	---	26.69	0.22
MW-5	09/20/2012	---	620	<0.50	<0.50	<0.50	<1.0	---	<0.50	<10	<0.50	<0.50	<0.50	---	---	41.46	15.68	---	25.78	0.28
MW-6	01/29/2002	---	---	---	---	---	---	---	---	---	---	---	---	---	---	41.50	3.88	---	37.62	---
MW-6	01/31/2002	---	---	---	---	---	---	---	---	---	---	---	---	---	---	41.50	12.43	---	29.07	---
MW-6	02/27/2002	---	<50	<0.50	<0.50	<0.50	<0.50	---	<5.0	---	---	---	---	---	---	41.50	12.82	---	28.68	4.1
MW-6	06/18/2002	---	<50	<0.50	<0.50	<0.50	<0.50	---	<0.50	---	---	---	---	---	---	41.50	4.26	---	37.24	3.9

TABLE 1

GROUNDWATER DATA
SHELL-BRANDED SERVICE STATION
1784 150th AVENUE, SAN LEANDRO, CALIFORNIA

Well ID	Date	TPHd (µg/L)	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)	1,2- DCA (µg/L)	EDB (µg/L)	TOC (ft MSL)	Depth to Water (ft TOC)	SPH Thickness (ft)	GW Elevation (ft MSL)	DO Reading (mg/L)
MW-6	09/18/2002	---	<50	<0.50	<0.50	<0.50	<0.50	---	<5.0	---	---	---	---	---	---	41.50	5.26	---	36.24	4.2
MW-6	12/27/2002	---	<50	<0.50	<0.50	<0.50	<0.50	---	<0.50	<50	<2.0	<2.0	<2.0	<2.0	<2.0	41.50	12.11	---	29.39	3.0
MW-6	03/05/2003	---	<50	<0.50	<0.50	<0.50	<0.50	---	<5.0	---	---	---	---	---	---	41.50	13.47	---	28.03	4.9
MW-6	06/24/2003	---	<50	<0.50	<0.50	<0.50	<1.0	---	<0.50	---	---	---	---	---	---	41.50	13.71	---	27.79	5.8
MW-6	09/25/2003	Well inaccessible		---	---	---	---	---	---	---	---	---	---	---	---	41.50	---	---	---	---
MW-6	12/15/2003	---	<50	<0.50	<0.50	<0.50	<1.0	---	<0.50	---	---	---	---	---	---	41.50	13.17	---	28.33	5.7
MW-6	03/04/2004	---	<50	<0.50	<0.50	<0.50	<1.0	---	<0.50	---	---	---	---	---	---	41.50	11.15	---	30.35	1.0
MW-6	05/27/2004	---	<50	0.50	<0.50	<0.50	<1.0	---	<0.50	---	---	---	---	---	---	41.50	13.68	---	27.82	1.0
MW-6	09/24/2004	---	<50	<0.50	<0.50	<0.50	<1.0	---	<0.50	---	---	---	---	---	---	41.50	10.71	---	30.79	3.1
MW-6	11/22/2004	---	<50 c	0.65	<0.50	<0.50	<1.0	---	<0.50	---	---	---	---	---	---	41.50	7.60	---	33.90	6.5
MW-6	03/02/2005	---	<100	<0.50	<1.0	<1.0	<1.0	---	<1.0	<10	---	---	<2.0	<0.50	---	41.50	6.77	---	34.73	6.2
MW-6	06/30/2005	---	<50	<0.50	<0.50	<0.50	<1.0	---	<0.50	---	---	---	---	---	---	41.50	12.87	---	28.63	1.2
MW-6	09/20/2005	---	<50	<0.50	<0.50	<0.50	<1.0	---	<0.50	---	---	---	---	---	---	41.50	14.16	---	27.34	5.5
MW-6	12/05/2005	---	<50	<0.50	<0.50	<0.50	<0.50	---	<0.50	---	---	---	---	---	---	41.50	14.23	---	27.27	2.40
MW-6	03/02/2006	---	58 g	<0.50	<0.50	0.73	1.5	---	<0.50	---	---	---	---	---	---	41.50	11.40	---	30.10	1.2
MW-6	06/29/2006	---	---	---	---	---	---	---	---	---	---	---	---	---	---	41.50	12.49	---	29.01	0.41
MW-6	06/30/2006	---	---	---	---	---	---	---	---	---	---	---	---	---	---	41.50	12.35	---	29.15	---
MW-6	07/06/2006	---	<50.0	<0.500	<0.500	<0.500	<0.500	---	<0.500	---	---	---	---	---	---	41.50	12.66	---	28.84	0.30
MW-6	09/11/2006	---	<50.0	<0.500	<0.500	<0.500	0.530	---	<0.500	---	---	---	---	---	---	41.50	13.33	---	28.17	1.16
MW-6	12/28/2006	---	<50	<0.50	<0.50	<0.50	<1.0	---	<0.50	---	---	---	---	---	---	41.50	13.15	---	28.35	1.0
MW-6	03/20/2007	---	<50.0	<0.500	<0.500	<0.500	<1.00	---	<0.500	---	---	---	---	---	---	41.50	13.24	---	28.26	5.60
MW-6	06/26/2007	---	60 j	<0.50	<1.0	<1.0	<1.0	---	<1.0	---	---	---	---	---	---	41.50	14.60	---	26.90	5.46
MW-6	09/11/2007	---	<50 j	<0.50	<1.0	<1.0	<1.0	---	<1.0	---	---	---	---	---	---	41.50	15.39	---	26.11	1.16
MW-6	12/26/2007	---	<50 j	0.27 k	<1.0	<1.0	<1.0	---	<1.0	---	---	---	---	---	---	41.50	14.69	---	26.81	3.1
MW-6	03/19/2008	---	1,500	<0.50	<1.0	<1.0	<1.0	---	<1.0	---	---	---	---	---	---	41.50	12.93	---	28.57	0.30
MW-6	06/05/2008	---	<50	<0.50	<1.0	<1.0	<1.0	---	<1.0	---	---	---	---	---	---	41.50	14.61	---	26.89	0.09
MW-6	09/29/2008	---	<50	<0.50	<1.0	<1.0	<1.0	---	<1.0	---	---	---	---	---	---	41.50	15.62	---	25.88	2.26
MW-6	12/19/2008	---	<50	<0.50	<1.0	<1.0	<1.0	---	<1.0	---	---	---	---	---	---	41.50	14.45	---	27.05	1.82
MW-6	03/10/2009	---	76	<0.50	<1.0	<1.0	<1.0	---	<1.0	---	---	---	---	---	---	41.50	11.58	---	29.92	0.57
MW-6	06/03/2009	---	<50	<0.50	<1.0	<1.0	<1.0	---	<1.0	---	---	---	---	---	---	41.50	14.19	---	27.31	2.25
MW-6	09/30/2009	---	<50	<0.50	<1.0	<1.0	<1.0	---	<1.0	---	---	---	---	---	---	41.50	14.95	---	26.55	0.32
MW-6	03/05/2010	---	57	<0.50	<1.0	<1.0	<1.0	---	<1.0	---	---	---	---	---	---	41.50	10.98	---	30.52	1.12
MW-6	09/16/2010	---	<50	<0.50	<1.0	<1.0	<1.0	---	<1.0	---	---	---	---	---	---	41.50	15.00	---	26.50	3.65
MW-6	03/18/2011	---	<50	<0.50	<0.50	<0.50	<1.0	---	<1.0	---	---	---	---	---	---	41.50	12.04	---	29.46	2.01
MW-6	09/27/2011	---	<50	<0.50	<0.50	<0.50	<1.0	---	<1.0	---	---	---	---	---	---	41.50	14.51	---	26.99	0.54
MW-6	03/09/2012	---	<50	<0.50	<0.50	<0.50	<1.0	---	<0.50	---	---	---	---	---	---	41.50	14.78	---	26.72	2.04
MW-6	09/20/2012	---	<50	<0.50	<0.50	<0.50	<1.0	---	<0.50	---	---	---	---	---	---	41.50	15.54	---	25.96	0.57
MW-7	10/21/2002	---	---	---	---	---	---	---	---	---	---	---	---	---	---	44.45	18.90	---	25.55	---

TABLE 1

GROUNDWATER DATA
SHELL-BRANDED SERVICE STATION
1784 150th AVENUE, SAN LEANDRO, CALIFORNIA

Well ID	Date	TPHd (µg/L)	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)	1,2- DCA (µg/L)	EDB (µg/L)	TOC (ft MSL)	Depth to Water (ft TOC)	SPH Thickness (ft)	GW Elevation (ft MSL)	DO Reading (mg/L)
MW-7	12/27/2002	---	49,000	830	980	2,000	5,200	---	<10	<100	<10	<10	<10	<10	<10	44.45	15.43	---	29.02	2.1
MW-7	03/05/2003	---	32,000	370	490	1,600	2,900	---	<100	---	---	---	---	---	---	44.45	16.34	---	28.11	2.6
MW-7	06/24/2003	Well inaccessible		---	---	---	---	---	---	---	---	---	---	---	---	44.45	---	---	---	---
MW-7	09/25/2003	---	8,700	57	34	450	290	---	<5.0	---	---	---	---	---	---	44.45	18.36	---	26.09	1.2
MW-7	12/15/2003	---	27,000	170	260	1,200	1,500	---	<10	---	---	---	---	---	---	44.45	17.44	---	27.01	1.3
MW-7	03/04/2004	---	13,000	200	190	1,200	1,200	---	<5.0	---	---	---	---	---	---	44.45	15.45	---	29.00	0.1
MW-7	05/27/2004	---	16,000	76	56	860	420	---	<5.0	---	---	---	---	---	---	44.45	17.50	---	26.95	0.5
MW-7	09/24/2004	---	8,400	26	14	340	200	---	<5.0	<50	<20	<20	<20	---	---	44.45	18.94	---	25.51	1.1
MW-7	11/22/2004	---	14,000	92	60	790	730	---	<5.0	---	---	---	---	---	---	44.45	18.47	---	25.98	0.2
MW-7	03/02/2005	---	13,000	130	140	740	980	---	<10	<100	---	---	<20	<5.0	---	44.45	14.53	---	29.92	0.7
MW-7	06/30/2005	---	9,900	27	48	380	520	---	<10	---	---	---	---	---	---	44.45	15.92	---	28.53	0.9
MW-7	09/20/2005	---	7,700	30	53	380	570	---	<5.0	<50	36	<20	<20	---	---	44.45	17.28	---	27.17	1.4
MW-7	12/05/2005	---	2,900	20	<2.5	270	19	---	<2.5	---	---	---	---	---	---	44.45	17.40	---	27.05	0.56
MW-7	03/02/2006	---	3,900 f	27	31	240 f	190	---	1.1	---	---	---	---	---	---	44.45	15.00	---	29.45	0.9
MW-7	06/29/2006	Well inaccessible		---	---	---	---	---	---	---	---	---	---	---	---	44.45	---	---	---	---
MW-7	06/30/2006	---	10,800	13.8	49.4	474	640	---	<0.500	---	---	---	---	---	---	44.45	15.35	---	29.10	0.54
MW-7	07/06/2006	---	---	---	---	---	---	---	---	---	---	---	---	---	---	44.45	15.41	---	29.04	---
MW-7	09/11/2006	---	7,210	4.38	3.96	188	91.6	---	<0.500	<10.0	<0.500	<0.500	<0.500	---	---	44.45	16.33	---	28.12	0.82
MW-7	12/28/2006	---	3,100	4.8	5.2	190	160	---	<1.0	---	---	---	---	---	---	44.45	16.22	---	28.23	0.78
MW-7	03/20/2007	---	5,960	11.3	20.6	223	291	---	<0.500	---	---	---	---	---	---	44.45	16.26	---	28.19	1.10
MW-7	06/26/2007	---	7,900 j	5.3	15	410	459	---	<5.0	---	---	---	---	---	---	44.45	17.60	---	26.85	0.83
MW-7	09/11/2007	---	4,100 j	1.9	0.66 k	130	25.6	---	<1.0	<10	0.42 k	<2.0	<2.0	---	---	44.45	18.63	---	25.82	0.97
MW-7	12/26/2007	---	6,100 j	5.9	7.6	290	348	---	<5.0	---	---	---	---	---	---	44.45	17.72	---	26.73	1.3
MW-7	03/19/2008	---	2,700	5.0	2.4	110	97.9	---	<1.0	---	---	---	---	---	---	44.45	16.36	---	28.09	0.47
MW-7	06/05/2008	---	6,400	3.8	<5.0	220	253	---	<5.0	---	---	---	---	---	---	44.45	17.65	---	26.80	0.09
MW-7	09/29/2008	---	2,500	1.6	<1.0	40	8.1	---	<1.0	<10	<2.0	<2.0	<2.0	---	---	44.45	19.40	---	25.05	1.26
MW-7	12/19/2008	---	5,600	5.4	<5.0	110	97.0	---	<5.0	---	---	---	---	---	---	44.45	19.17	---	25.28	2.11
MW-7	03/10/2009	---	3,400	22	<5.0	94	92	---	<5.0	---	---	---	---	---	---	44.45	16.21	---	28.24	1.85
MW-7	06/03/2009	---	3,500	6.3	1.5	71	78	---	<1.0	---	---	---	---	---	---	44.45	17.75	---	26.70	0.62
MW-7	09/30/2009	---	7,900	5.1	1.2	84	98	---	<1.0	<10	<2.0	<2.0	<2.0	---	---	44.45	19.64	---	24.81	0.15
MW-7	03/05/2010	---	3,800	12	2.0	66	100	---	<1.0	---	---	---	---	---	---	44.45	15.37	---	29.08	0.26
MW-7	09/16/2010	---	2,900	3.2	1.5	70	120	---	<1.0	<10	<2.0	<2.0	<2.0	---	---	44.45	18.28	---	26.17	0.45
MW-7	03/18/2011	Well inaccessible		---	---	---	---	---	---	---	---	---	---	---	---	44.45	---	---	---	---
MW-7	03/31/2011	---	2,600	4.4	1.4	55	100	---	<1.0	---	---	---	---	---	---	44.45	14.95	---	29.50	2.99
MW-7	09/27/2011	---	2,900	1.2	1.0	53	100	---	<1.0	<10	<1.0	<1.0	<1.0	---	---	44.45	17.30	---	27.15	1.55
MW-7	03/09/2012	---	2,900	<0.50	1.3	46	100	---	<0.50	---	---	---	---	---	---	44.45	17.68	---	26.77	0.17
MW-7	09/20/2012	---	3,600	<0.50	<0.50	31	67	---	<0.50	<10	<0.50	<0.50	<0.50	---	---	44.45	18.83	---	25.62	1.04
MW-8	10/21/2002	---	---	---	---	---	---	---	---	---	---	---	---	---	---	43.27	17.70	---	25.57	---

TABLE 1

GROUNDWATER DATA
SHELL-BRANDED SERVICE STATION
1784 150th AVENUE, SAN LEANDRO, CALIFORNIA

Well ID	Date	TPHd (µg/L)	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)	1,2- DCA (µg/L)	EDB (µg/L)	TOC (ft MSL)	Depth to Water (ft TOC)	SPH Thickness (ft)	GW Elevation (ft MSL)	DO Reading (mg/L)
MW-8	12/27/2002	---	30,000	280	220	2,000	5,300	---	<10	<100	<10	<10	<10	<10	<10	43.27	14.25	---	29.02	1.2
MW-8	03/05/2003	---	30,000	220	150	2,100	4,200	---	<100	---	---	---	---	---	---	43.27	15.36	---	27.91	1.3
MW-8	06/24/2003	Well inaccessible		---	---	---	---	---	---	---	---	---	---	---	---	43.27	---	---	---	---
MW-8	09/25/2003	---	26,000	240	53	1,600	2,600	---	<50	---	---	---	---	---	---	43.27	17.43	---	25.84	1.0
MW-8	12/15/2003	---	38,000	290	140	2,200	5,200	---	<13	---	---	---	---	---	---	43.27	16.24	---	27.03	0.4
MW-8	03/04/2004	---	19,000	180	95	1,400	3,900	---	<13	---	---	---	---	---	---	43.27	14.63	---	28.64	0.1
MW-8	05/27/2004	---	19,000	230	41	1,100	2,200	---	<13	---	---	---	---	---	---	43.27	16.41	---	26.86	0.5
MW-8	09/24/2004	---	21,000	270	42	1,200	2,600	---	<13	<130	<50	<50	<50	---	---	43.27	18.10	---	25.17	0.7
MW-8	11/22/2004	---	24,000	200	64	1,400	4,100	---	<13	---	---	---	---	---	---	43.27	17.28	---	25.99	1.0
MW-8	03/02/2005	---	16,000	100	44	890	2,300	---	<10	<100	---	---	<20	<5.0	---	43.27	13.35	---	29.92	0.6
MW-8	06/30/2005	---	19,000	110	41	700	2,100	---	<10	---	---	---	---	---	---	43.27	14.91	---	28.36	0.8
MW-8	09/20/2005	---	10,000	86	25	600	1,400	---	<10	<100	<40	<40	<40	---	---	43.27	16.11	---	27.16	0.8
MW-8	12/05/2005	---	9,900	130	16	600	1,300	---	<10	---	---	---	---	---	---	43.27	16.20	---	27.07	0.56
MW-8	03/02/2006	---	13,000 f	130 f	45	790 f	2,000 f	---	0.54	---	---	---	---	---	---	43.27	14.28	---	28.99	1.1
MW-8	06/29/2006	Well inaccessible		---	---	---	---	---	---	---	---	---	---	---	---	43.27	---	---	---	---
MW-8	06/30/2006	---	14,900	71.8	14.1	622	1,390	---	<0.500	---	---	---	---	---	---	43.27	14.18	---	29.09	0.50
MW-8	07/06/2006	---	---	---	---	---	---	---	---	---	---	---	---	---	---	43.27	14.39	---	28.88	---
MW-8	09/11/2006	---	18,700	94.2	11.2	683	1,280	---	<0.500	<10.0	<0.500	<0.500	<0.500	---	---	43.27	15.10	---	28.17	0.92
MW-8	12/28/2006	---	9,000	54	7.1	430	980	---	<2.5	---	---	---	---	---	---	43.27	15.15	---	28.12	0.93
MW-8	03/20/2007	---	7,780	40.4	9.21	230	499	---	0.840	---	---	---	---	---	---	43.27	15.01	---	28.26	0.11
MW-8	06/26/2007	---	7,500 j	36	5.5	360	860	---	<5.0	---	---	---	---	---	---	43.27	16.40	---	26.87	0.59
MW-8	09/11/2007	---	10,000 j	55	7.0	420	1,140	---	<5.0	<50	<10	<10	<10	---	---	43.27	17.42	---	25.85	1.07
MW-8	12/26/2007	---	10,000 j	54	12 k	490	1,740	---	<20	---	---	---	---	---	---	43.27	16.61	---	26.66	1.4
MW-8	03/19/2008	---	5,800	20	<5.0	200	600	---	<5.0	---	---	---	---	---	---	43.27	15.30	---	27.97	0.24
MW-8	06/05/2008	---	7,600	27	<5.0	240	750	---	<5.0	---	---	---	---	---	---	43.27	16.53	---	26.74	0.10
MW-8	09/29/2008	---	5,600	47	<5.0	120	287	---	<5.0	<50	<10	<10	<10	---	---	43.27	18.13	---	25.14	1.04
MW-8	12/19/2008	---	6,900	40	<5.0	110	374	---	<5.0	---	---	---	---	---	---	43.27	18.01	---	25.26	0.74
MW-8	03/10/2009	---	7,400	38	<5.0	210	780	---	<5.0	---	---	---	---	---	---	43.27	15.45	---	27.82	2.40
MW-8	06/03/2009	---	6,400	24	<5.0	210	840	---	<5.0	---	---	---	---	---	---	43.27	16.64	---	26.63	0.84
MW-8	09/30/2009	---	9,200	42	<5.0	120	460	---	<5.0	<50	<10	<10	<10	---	---	43.27	18.20	---	25.07	0.09
MW-8	03/05/2010	---	6,600	15	2.7	100	440	---	<1.0	---	---	---	---	---	---	43.27	15.22	---	28.05	0.36
MW-8	09/16/2010	---	5,900	22	4.0	130	570	---	<2.0	<20	<4.0	<4.0	<4.0	---	---	43.27	16.98	---	26.29	0.26
MW-8	03/18/2011	Well inaccessible		---	---	---	---	---	---	---	---	---	---	---	---	43.27	---	---	---	---
MW-8	03/31/2011	---	4,900	13	3.8	130	520	---	<4.0	---	---	---	---	---	---	43.27	13.61	---	29.66	2.88
MW-8	09/27/2011	---	5,300	<2.5	<2.5	100	440	---	<5.0	<50	<5.0	<5.0	<5.0	---	---	43.27	15.68	---	27.59	1.20
MW-8	03/09/2012	---	6,400	38	13	180	820	---	<2.5	---	---	---	---	---	---	43.27	16.60	---	26.67	0.16
MW-8	09/20/2012	---	4,500	5.5	1.1	48	260	---	<0.50	<10	<0.50	<0.50	<0.50	---	---	43.27	17.50	---	25.77	1.30
MW-9	12/10/2003	---	---	---	---	---	---	---	---	---	---	---	---	---	---	41.65	15.15	---	26.50	---

TABLE 1

GROUNDWATER DATA
SHELL-BRANDED SERVICE STATION
1784 150th AVENUE, SAN LEANDRO, CALIFORNIA

Well ID	Date	TPH _d (µg/L)	TPH _g (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)	1,2- DCA (µg/L)	EDB (µg/L)	TOC (ft MSL)	Depth to Water (ft TOC)	SPH Thickness (ft)	GW Elevation (ft MSL)	DO Reading (mg/L)
MW-9	12/15/2003	---	<50	<0.50	<0.50	<0.50	1.3	---	2.5	---	---	---	---	---	---	41.65	14.48	---	27.17	0.9
MW-9	03/04/2004	---	<50	<0.50	<0.50	<0.50	<1.0	---	<0.50	---	---	---	---	---	---	41.65	12.15	---	29.50	0.2
MW-9	05/27/2004	---	<50	<0.50	<0.50	<0.50	<1.0	---	<0.50	---	---	---	---	---	---	41.65	14.55	---	27.10	0.5
MW-9	09/24/2004	---	<50	<0.50	<0.50	<0.50	<1.0	---	<0.50	<5.0	<2.0	<2.0	<2.0	---	---	41.65	16.37	---	25.28	1.0
MW-9	11/22/2004	---	<50 c	<0.50	<0.50	<0.50	<1.0	---	<0.50	---	---	---	---	---	---	41.65	15.62	---	26.03	0.3
MW-9	03/02/2005	---	100	<0.50	<1.0	1.4	3.8	---	<1.0	<10	---	---	<2.0	<0.50	---	41.65	11.40	---	30.25	0.4
MW-9	06/30/2005	---	<50	<0.50	<0.50	<0.50	<1.0	---	<0.50	---	---	---	---	---	---	41.65	12.70	---	28.95	1.3
MW-9	09/20/2005	---	<50	<0.50	<0.50	<0.50	1.8	---	<0.50	<5.0	<2.0	<2.0	<2.0	---	---	41.65	14.38	---	27.27	1.2
MW-9	12/05/2005	---	<50	<0.50	<0.50	<0.50	0.65	---	<0.50	---	---	---	---	---	---	41.65	14.25	---	27.40	1.13
MW-9	03/02/2006	---	<50 f	<0.50	<0.50	<0.50 f	<0.50 f	---	<0.50	---	---	---	---	---	---	41.65	11.87	---	29.78	0.9
MW-9	06/29/2006	---	---	---	---	---	---	---	---	---	---	---	---	---	---	41.65	12.35	---	29.30	0.55
MW-9	06/30/2006	---	---	---	---	---	---	---	---	---	---	---	---	---	---	41.65	12.37	---	29.28	---
MW-9	07/06/2006	---	<50.0	<0.500	<0.500	<0.500	<0.500	---	<0.500	---	---	---	---	---	---	41.65	12.46	---	29.19	0.58
MW-9	09/11/2006	---	<50.0	<0.500	<0.500	<0.500	<0.500	---	<0.500	<10.0	<0.500	<0.500	<0.500	---	---	41.65	13.42	---	28.23	0.79
MW-9	12/28/2006	---	<50	<0.50	<0.50	<0.50	<1.0	---	<0.50	---	---	---	---	---	---	41.65	13.23	---	28.42	0.73
MW-9	03/20/2007	---	<50.0	<0.500	<0.500	<0.500	<1.00	---	<0.500	---	---	---	---	---	---	41.65	13.35	---	28.30	1.20
MW-9	06/26/2007	---	86 j	<0.50	<1.0	<1.0	<1.0	---	<1.0	---	---	---	---	---	---	41.65	14.80	---	26.85	0.91
MW-9	09/11/2007	---	<50 j	0.15 k	<1.0	<1.0	<1.0	---	<1.0	<10	<2.0	<2.0	<2.0	---	---	41.65	15.70	---	25.95	1.04
MW-9	12/26/2007	---	<50 j	<0.50	<1.0	<1.0	<1.0	---	<1.0	---	---	---	---	---	---	41.65	14.86	---	26.79	2.0
MW-9	03/19/2008	---	<50	<0.50	<1.0	<1.0	<1.0	---	<1.0	---	---	---	---	---	---	41.65	13.39	---	28.26	0.27
MW-9	06/05/2008	---	<50	<0.50	<1.0	<1.0	<1.0	---	<1.0	---	---	---	---	---	---	41.65	14.77	---	26.88	1.34
MW-9	09/29/2008	---	<50	<0.50	<1.0	<1.0	<1.0	---	<1.0	<10	<2.0	<2.0	<2.0	---	---	41.65	16.62	---	25.03	1.10
MW-9	12/19/2008	---	<50	<0.50	<1.0	<1.0	<1.0	---	<1.0	---	---	---	---	---	---	41.65	16.26	---	25.39	0.66
MW-9	03/10/2009	---	<50	<0.50	<1.0	<1.0	<1.0	---	<1.0	---	---	---	---	---	---	41.65	13.22	---	28.43	1.58
MW-9	06/03/2009	---	<50	<0.50	<1.0	<1.0	<1.0	---	<1.0	---	---	---	---	---	---	41.65	14.84	---	26.81	0.55
MW-9	09/30/2009	---	<50	<0.50	<1.0	<1.0	<1.0	---	<1.0	<10	<2.0	<2.0	<2.0	---	---	41.65	16.91	---	24.74	0.18
MW-9	03/05/2010	---	<50	<0.50	<1.0	<1.0	<1.0	---	<1.0	---	---	---	---	---	---	41.65	11.96	---	29.69	0.22
MW-9	09/16/2010	---	<50	<0.50	<1.0	<1.0	<1.0	---	<1.0	<10	<2.0	<2.0	<2.0	---	---	41.65	15.28	---	26.37	0.74
MW-9	03/18/2011	---	<50	<0.50	<0.50	<0.50	<1.0	---	<1.0	---	---	---	---	---	---	41.65	11.30	---	30.35	0.71
MW-9	09/27/2011	---	<50	<0.50	<0.50	<0.50	<1.0	---	<1.0	<10	<1.0	<1.0	<1.0	---	---	41.65	14.49	---	27.16	0.47
MW-9	03/09/2012	---	<50	1.0	0.81	<0.50	1.1	---	<0.50	---	---	---	---	---	---	41.65	14.82	---	26.83	0.45
MW-9	09/20/2012	---	<50	<0.50	<0.50	<0.50	<1.0	---	<0.50	<10	<0.50	<0.50	<0.50	---	---	41.65	15.70	---	25.95	2.25
MW-10	12/10/2003	---	---	---	---	---	---	---	---	---	---	---	---	---	---	50.64	24.33	---	26.31	---
MW-10	12/15/2003	---	6,400	3.1	<1.0	33	20	---	<1.0	<10	---	---	<4.0	<1.0	---	50.64	23.58	---	27.06	0.3
MW-10	03/04/2004	---	1,400	1.2	<1.0	16	3.4	---	<1.0	<10	---	---	<4.0	<1.0	---	50.64	21.20	---	29.44	0.1
MW-10	05/27/2004	---	810	<1.0	<1.0	8.3	<2.0	---	<1.0	<10	---	---	<4.0	<1.0	---	50.64	23.63	---	27.01	0.5
MW-10	09/24/2004	---	790	1.2	<1.0	7.3	<2.0	---	<1.0	<10	<4.0	<4.0	<4.0	<1.0	<1.0	50.64	25.30	---	25.34	1.5
MW-10	11/22/2004	---	1,100	1.1	<0.50	17	<1.0	---	<0.50	<5.0	---	---	<2.0	<0.50	---	50.64	24.62	---	26.02	0.4

TABLE 1

GROUNDWATER DATA
SHELL-BRANDED SERVICE STATION
1784 150th AVENUE, SAN LEANDRO, CALIFORNIA

Well ID	Date	TPHd (µg/L)	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)	1,2- DCA (µg/L)	EDB (µg/L)	TOC (ft MSL)	Depth to Water (ft TOC)	SPH Thickness (ft)	GW Elevation (ft MSL)	DO Reading (mg/L)
MW-10	03/02/2005	---	920	0.60	<1.0	3.5	<1.0	---	<1.0	<10	---	---	<2.0	<0.50	---	50.64	20.72	---	29.92	0.4
MW-10	06/30/2005	---	470 e	<0.50	<0.50	1.4	<1.0	---	<0.50	<5.0	---	---	<2.0	<0.50	---	50.64	21.48	---	29.16	1.4
MW-10	09/20/2005	---	420	<0.50	<0.50	1.2	2.1	---	<0.50	<5.0	<2.0	<2.0	<2.0	<0.50	---	50.64	23.45	---	27.19	2.0
MW-10	12/05/2005	---	420	<0.50	<0.50	1.1	<0.50	---	<0.50	<5.0	---	---	<0.50	<0.50	---	50.64	23.42	---	27.22	0.97
MW-10	03/02/2006	---	230 f	<0.50 f	<0.50	0.83 f	<0.50 f	---	<0.50	<5.0 f	---	---	<0.50	<0.50 h	---	50.64	21.13	---	29.51	1.1
MW-10	06/29/2006	Well inaccessible		---	---	---	---	---	---	---	---	---	---	---	---	50.64	---	---	---	---
MW-10	06/30/2006	---	<50.0	<0.500	<0.500	<0.500	<0.500	---	<0.500	<10.0	---	---	<0.500	<0.500	---	50.64	21.49	---	29.15	0.37
MW-10	07/06/2006	---	---	---	---	---	---	---	---	---	---	---	---	---	---	50.64	21.60	---	29.04	---
MW-10	09/11/2006	---	250	<0.500	<0.500	<0.500	<0.500	---	<0.500	<10.0	<0.500	<0.500	<0.500	<0.500	---	50.64	22.62	---	28.02	0.98
MW-10	12/28/2006	Well inaccessible		---	---	---	---	---	---	---	---	---	---	---	---	50.64	---	---	---	---
MW-10	03/20/2007	---	158	<0.500	<0.500	<0.500	<1.00	---	<0.500	<50.0	---	---	<1.00	<0.500	---	50.64	22.30	---	28.34	0.10
MW-10	06/26/2007	---	230 j	0.15 k	<1.0	0.43 k	<1.0	---	<1.0	<10	---	---	<2.0	<0.50	---	50.64	23.75	---	26.89	1.54
MW-10	09/11/2007	---	62 j	<0.50	<1.0	<1.0	<1.0	---	<1.0	<10	<2.0	<2.0	<2.0	<0.50	---	50.64	24.78	---	25.86	0.98
MW-10	12/26/2007	---	200 j, l	0.15 k	<1.0	0.30 k	<1.0	---	<1.0	<10	---	---	<2.0	<0.50	---	50.64	23.86	---	26.78	0.9
MW-10	03/19/2008	---	170 j	<0.50	<1.0	<1.0	<1.0	---	<1.0	<10	---	---	<2.0	<0.50	---	50.64	22.46	---	28.18	0.10
MW-10	06/05/2008	---	150	<0.50	<1.0	<1.0	<1.0	---	<1.0	<10	<2.0	<2.0	<2.0	<0.50	---	50.64	23.76	---	26.88	0.11
MW-10	09/29/2008	---	130	<0.50	<1.0	<1.0	1.4	---	<1.0	<10	<2.0	<2.0	<2.0	<0.50	---	50.64	25.59	---	25.05	0.91
MW-10	12/19/2008	---	220	1.6	1.4	1.9	4.3	---	<1.0	<10	---	---	<2.0	<0.50	---	50.64	22.39	---	28.25	0.26
MW-10	03/10/2009	---	120	<0.50	<1.0	<1.0	1.8	---	<1.0	<10	---	---	<2.0	<0.50	---	50.64	21.79	---	28.85	0.40
MW-10	06/03/2009	---	130	<0.50	<1.0	<1.0	<1.0	---	<1.0	<10	<2.0	<2.0	<2.0	<0.50	---	50.64	23.85	---	26.79	2.11
MW-10	09/30/2009	---	59	<0.50	<1.0	<1.0	<1.0	---	<1.0	<10	<2.0	<2.0	<2.0	<0.50	---	50.64	25.86	---	24.78	0.11
MW-10	03/05/2010	---	380	<0.50	<1.0	<1.0	<1.0	---	<1.0	<10	<2.0	<2.0	<2.0	<0.50	---	50.64	21.11	---	29.53	0.14
MW-10	09/16/2010	---	180	<0.50	<1.0	<1.0	<1.0	---	<1.0	<10	<2.0	<2.0	<2.0	<0.50	---	50.64	24.45	---	26.19	0.17
MW-10	03/18/2011	---	74	<0.50	<0.50	<0.50	<1.0	---	<1.0	<10	---	---	<1.0	<0.50	---	50.64	21.49	---	29.15	1.86
MW-10	09/27/2011	---	58	<0.50	0.63	0.65	4.2	---	<1.0	<10	<1.0	<1.0	<1.0	<0.50	---	50.64	23.50	---	27.14	2.21
MW-10	03/09/2012	---	93	0.63	<0.50	<0.50	<1.0	---	<0.50	<10	---	---	<0.50	<0.50	---	50.64	23.85	---	26.79	0.40
MW-10	09/20/2012	---	74	<0.50	<0.50	<0.50	<1.0	---	<0.50	<10	<0.50	<0.50	<0.50	<0.50	---	50.64	24.79	---	25.85	1.03
MW-11	12/10/2003	---	---	---	---	---	---	---	---	---	---	---	---	---	---	45.58	19.10	---	26.48	---
MW-11	12/15/2003	---	110,000	9,900	3,300	3,900	23,000	---	20,000	18,000	---	---	<800	<200	---	45.58	18.50	---	27.08	0.3
MW-11	03/04/2004	---	68,000	5,300	3,000	3,600	23,000	---	8,300	12,000	---	---	<200	<50	---	45.58	16.67	---	28.91	0.1
MW-11	05/27/2004	---	86,000	8,500	3,200	13,000	22,000	---	25,000	18,000	---	---	<400	<100	---	45.58	18.60	---	26.98	1.6
MW-11	09/24/2004	---	63,000	7,200	2,000	3,000	15,000	---	26,000	17,000	<400	<400	<400	<100	<100	45.58	20.22	---	25.36	2.2
MW-11	11/22/2004	---	96,000	7,100	3,700	2,800	15,000	---	20,000	14,000	---	---	<400	<100	---	45.58	19.56	---	26.02	0.3
MW-11	03/02/2005	---	63,000	6,200	6,800	2,200	15,000	---	16,000	7,800	---	---	<200	<50	---	45.58	15.75	---	29.83	4.6
MW-11	06/30/2005	---	100,000	4,200	18,000	3,800	25,000	---	2,500	3,400	---	---	<400	<100	---	45.58	16.92	---	28.66	1.0
MW-11	09/20/2005	---	65,000	3,800	10,000	3,100	19,000	---	3,900	4,600	<400	<400	<400	<100	---	45.58	18.43	---	27.15	---
MW-11	12/05/2005	---	69,000	4,000	10,000	3,100	16,000	---	7,400	4,400	---	---	<50	<50	---	45.58	18.26	---	27.32	0.70
MW-11	03/02/2006	---	76,000 f	4,000 f	13,000 f	2,900 f	16,000 f	---	6,100 f	420 h	---	---	36	<0.50 h	---	45.58	16.13	---	29.45	0.9

TABLE 1

**GROUNDWATER DATA
SHELL-BRANDED SERVICE STATION
1784 150th AVENUE, SAN LEANDRO, CALIFORNIA**

Well ID	Date	TPHd (µg/L)	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)	1,2- DCA (µg/L)	EDB (µg/L)	TOC (ft MSL)	Depth to Water (ft TOC)	SPH Thickness (ft)	GW Elevation (ft MSL)	DO Reading (mg/L)
MW-11	04/19/2006	---	116,000	4,780	12,000	3,280	20,200	---	5,550	4,010	---	---	34.6	<0.500	---	45.58	15.30	---	30.28	0.86
MW-11	05/01/2006	---	129,000	4,180	15,100	3,180	18,700	---	4,510	3,130	---	---	28.9	92.1	---	45.58	15.43	---	30.15	0.97
MW-11	06/29/2006	Well inaccessible		---	---	---	---	---	---	---	---	---	---	---	---	45.58	---	---	---	---
MW-11	06/30/2006	---	119,000	4,420	11,300	2,650	17,200	---	4,490	2,700	---	---	22.8	<0.500	---	45.58	15.49	---	30.09	0.49
MW-11	07/06/2006	---	---	---	---	---	---	---	---	---	---	---	---	---	---	45.58	16.61	---	28.97	---
MW-11	07/31/2006	---	<50.0	4,870	11,400	2,890	20,400	---	4,880	3,120	---	---	27.2	<0.500	---	45.58	17.00	---	28.58	0.36
MW-11	08/23/2006	---	115,000	5,230	8,720	2,680	16,900	---	4,860	3,670	---	---	29.6	<10.0	---	45.58	17.28	---	28.30	0.7
MW-11	09/11/2006	---	9,090	5,140	8,400	3,040	17,700	---	5,310	4,240	<0.500	<0.500	134	<0.500	---	45.58	17.62	---	27.96	0.63
MW-11	10/18/2006	---	193,000	4,930	9,700	3,920	21,000	---	4,300	2,530	---	---	<0.500	<0.500	---	45.58	18.08	---	27.50	0.51
MW-11	11/22/2006	---	3,600	3,600	9,300	2,800	16,000	---	2,800	4,000	---	---	<10	<2.5	---	45.58	18.06	---	27.52	0.4
MW-11	12/28/2006	---	75,000	2,700	9,800	1,900	13,000	---	2,500	2,500	---	---	<200	<50	---	45.58	17.20	---	28.38	0.9
MW-11	01/25/2007	---	68,000	2,900	9,600	2,200	13,000	---	2,400	2,400	---	---	<200	<50	---	45.58	18.10	---	27.48	0.7
MW-11	02/19/2007	---	88,000	3,600	17,000	3,200	20,000	---	2,200	4,000	---	---	25	<5.0	---	45.58	17.89	---	27.69	0.2
MW-11	03/20/2007	---	77,600	3,140 i	12,800 i	3,060 i	17,600 i	---	1,930 i	<10,000 i	---	---	<200 i	<100 i	---	45.58	17.30	---	28.28	0.38
MW-11	04/05/2007	---	67,000 j	3,200	9,600	3,200	14,300	---	1,800	2,900	---	---	<100	<25	---	45.58	17.50	---	28.08	0.72
MW-11	06/01/2007	---	65,000 j	3,100	11,000	3,200	17,900	---	1,700	---	---	---	---	---	---	45.58	18.32	---	27.26	1.18
MW-11	06/26/2007	---	52,000 j	2,200	8,000	2,200	13,700	---	1,300	2,300	---	---	<200	<50	---	45.58	18.70	---	26.88	0.24
MW-11	07/19/2007	---	62,000 j	2,500	9,600	2,400	16,300	---	1,500	---	---	---	---	---	---	45.58	18.10	---	27.48	3.42
MW-11	08/14/2007	---	65,000 j	3,000	11,000	3,000	17,600	---	1,000	---	---	---	---	---	---	45.58	19.30	---	26.28	1.1
MW-11	09/11/2007	---	45,000 j	2,000	6,300	2,100	11,900	---	960	2,100	<100	<100	<100	<25	---	45.58	19.65	---	25.93	0.86
MW-11	10/26/2007	---	58,000 j	2,500	9,300	3,200	17,700	---	900	---	---	---	---	---	---	45.58	19.42	---	26.16	1.2
MW-11	11/13/2007	---	64,000 j	2,400	9,500	3,300	18,000	---	1,200	---	---	---	---	---	---	45.58	19.34	---	26.24	0.32
MW-11	12/26/2007	---	56,000 j	2,300	11,000	3,800	23,400	---	1,300	1,400	---	---	<40	<10	---	45.58	18.68	---	26.90	0.9
MW-11	01/03/2008	---	64,000 j	2,600	10,000	4,400	23,600	---	1,300	---	---	---	---	---	---	45.58	18.86	---	26.72	1.65
MW-11	02/21/2008	---	70,000 j	2,400	9,200	3,700	18,700	---	440	---	---	---	---	---	---	45.58	16.70	---	28.88	0.9
MW-11	03/19/2008	---	65,000 j	2,500	7,700	3,700	19,700	---	520	810	---	---	<100	<25	---	45.58	17.34	0.02	28.26	0.07
MW-11	04/16/2008	---	86,000	3,000	8,200	4,500	24,300	---	280	---	---	---	---	---	---	45.58	17.78	---	27.80	1.40
MW-11	05/29/2008	---	70,000	1,900	6,000	3,200	16,500	---	110	---	---	---	---	---	---	45.58	18.52	---	27.06	0.43
MW-11	06/05/2008	---	72,000	1,800	6,700	3,300	18,000	---	120	<500	<100	<100	<100	<25	---	45.58	18.63	---	26.95	0.21
MW-11	07/22/2008	---	100,000	1,100	9,200	3,800	24,900	---	<100	---	---	---	---	---	---	45.58	19.41	---	26.17	1.31
MW-11	09/29/2008	---	110,000	1,500	10,000	4,300	27,200	---	210	<500	<100	<100	<100	<25	---	45.58	20.21	---	25.37	0.79
MW-11	12/19/2008	---	110,000	1,000	9,600	3,700	24,600	---	<100	<1,000	---	---	<200	<50	---	45.58	19.75	---	25.83	0.52
MW-11	03/10/2009	---	92,000	490	11,000	4,000	30,000	---	<100	<1,000	---	---	<200	<50	---	45.58	16.40	---	29.18	0.50
MW-11	06/03/2009	---	74,000	120	6,900	3,500	24,000	---	<100	<1,000	<200	<200	<200	<50	---	45.58	18.91	---	26.67	0.10
MW-11	09/30/2009	6,800 l,m	86,000	100	6,200	4,100	26,000	---	<100	<1,000	<200	<200	<200	<50	---	45.58	20.84	---	24.74	0.27
MW-11	03/05/2010	---	75,000	240	4,800	2,600	17,000	---	<50	<500	<100	<100	<100	<25	---	45.58	16.08	---	29.50	0.89
MW-11	09/16/2010	---	43,000	760	3,400	2,300	13,000	---	<50	550	<100	<100	<100	<25	---	45.58	19.34	---	26.24	0.26
MW-11	03/18/2011	---	38,000	470	4,100	2,200	13,000	---	<100	<1,000	---	---	<100	<50	---	45.58	11.08	---	34.50	0.66
MW-11	09/27/2011	---	27,000	470	2,200	1,400	7,600	---	<40	580	<40	<40	<40	---	---	45.58	18.45	---	27.13	1.39

TABLE 1

GROUNDWATER DATA
SHELL-BRANDED SERVICE STATION
1784 150th AVENUE, SAN LEANDRO, CALIFORNIA

Well ID	Date	TPHd (µg/L)	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)	1,2- DCA (µg/L)	EDB (µg/L)	TOC (ft MSL)	Depth to Water (ft TOC)	SPH Thickness (ft)	GW Elevation (ft MSL)	DO Reading (mg/L)
MW-11	03/09/2012	---	49,000	1,200	5,500	2,300	15,000	---	35	<400	---	---	<20	<20	---	45.58	18.84	---	26.74	0.48
MW-11	09/20/2012	---	25,000	310	1,500	1,200	6,800	---	<20	<400	<20	<20	<20	<20	---	45.58	19.70	---	25.88	1.08
MW-12	06/26/2006	---	---	---	---	---	---	---	---	---	---	---	---	---	---	44.10	14.75	---	29.35	---
MW-12	06/29/2006	Well inaccessible		---	---	---	---	---	---	---	---	---	---	---	---	44.10	---	---	---	---
MW-12	06/30/2006	---	95,000	3,930	8,900	2,110	10,400	---	<0.500	---	---	---	---	---	---	44.10	15.00	---	29.10	0.62
MW-12	07/06/2006	---	---	---	---	---	---	---	---	---	---	---	---	---	---	44.10	15.10	---	29.00	---
MW-12	09/11/2006	---	5,110	3,930	3,290	2,710	8,060	---	8.50	---	---	---	---	---	---	44.10	15.91	---	28.19	1.09
MW-12	12/28/2006	---	31,000	2,400	1,100	1,500	2,900	---	<2.5	---	---	---	---	---	---	44.10	15.85	---	28.25	0.82
MW-12	03/20/2007	---	30,100	508	352	341	748	---	<0.500	---	---	---	---	---	---	44.10	15.81	---	28.29	1.44
MW-12	06/26/2007	---	32,000 j	2,700	1,200	2,100	3,700	---	<20	---	---	---	---	---	---	44.10	17.29	---	26.81	0.40
MW-12	09/11/2007	---	21,000 j	810	720	860	1,950	---	<20	---	---	---	---	---	---	44.10	18.08	---	26.02	1.21
MW-12	12/26/2007	---	20,000 j	2,000	600	1,400	2,870	---	<20	---	---	---	---	---	---	44.10	17.44	---	26.66	1.3
MW-12	03/19/2008	---	12,000	1,000	460	630	1,490	---	<20	---	---	---	---	---	---	44.10	15.97	---	28.13	0.28
MW-12	06/05/2008	---	22,000	860	530	930	2,340	---	<10	---	---	---	---	---	---	44.10	17.28	---	26.82	0.10
MW-12	09/29/2008	---	23,000	1,800	820	1,300	2,900	---	<10	---	---	---	---	---	---	44.10	19.10	---	25.00	0.76
MW-12	12/19/2008	---	12,000	850	240	530	930	---	<10	---	---	---	---	---	---	44.10	18.68	---	25.42	0.47
MW-12	03/10/2009	---	6,400	720	110	450	570	---	<10	---	---	---	---	---	---	44.10	15.55	---	28.55	2.25
MW-12	06/03/2009	---	14,000	1,000	370	800	2,400	---	<10	---	---	---	---	---	---	44.10	17.47	---	26.63	1.03
MW-12	09/30/2009	---	27,000	1,100	260	930	2,800	---	<10	---	---	---	---	---	---	44.10	19.44	---	24.66	0.01
MW-12	03/05/2010	---	6,500	630	47	220	390	---	<5.0	---	---	---	---	---	---	44.10	14.65	---	29.45	0.11
MW-12	09/16/2010	---	7,500	490	83	200	720	---	<5.0	---	---	---	---	---	---	44.10	18.16	---	25.94	0.21
MW-12	03/18/2011	Well inaccessible		---	---	---	---	---	---	---	---	---	---	---	---	44.10	---	---	---	---
MW-12	03/31/2011	---	6,400	760	98	190	550	---	<10	---	---	---	---	---	---	44.10	13.48	---	30.62	2.20
MW-12	09/27/2011	---	2,900	310	20	52	120	---	<2.0	---	---	---	---	---	---	44.10	16.07	---	28.03	1.04
MW-12	03/09/2012	---	5,900	840	72	120	380	---	<2.0	---	---	---	---	---	---	44.10	17.02	---	27.08	0.11
MW-12	09/20/2012	---	6,800	480	24	100	300	---	<5.0	---	---	---	---	---	---	44.10	18.23	---	25.87	1.52
MW-13	06/26/2006	---	---	---	---	---	---	---	---	---	---	---	---	---	---	41.59	12.10	---	29.49	---
MW-13	06/29/2006	---	---	---	---	---	---	---	---	---	---	---	---	---	---	41.59	12.47	---	29.12	0.61
MW-13	06/30/2006	---	---	---	---	---	---	---	---	---	---	---	---	---	---	41.59	12.25	---	29.34	---
MW-13	07/06/2006	---	<50.0	<0.500	<0.500	<0.500	<0.500	---	<0.500	<10.0	<0.500	<0.500	<0.500	<0.500	---	41.59	12.35	---	29.24	0.24
MW-13	09/11/2006	---	<50.0	<0.500	<0.500	<0.500	<0.500	---	<0.500	---	---	---	---	---	---	41.59	13.33	---	28.26	1.02
MW-13	12/28/2006	---	<50	<0.50	<0.50	<0.50	<1.0	---	<0.50	---	---	---	---	---	---	41.59	13.12	---	28.47	0.81
MW-13	03/20/2007	---	<50.0	1.41	2.36	2.20	6.29	---	<0.500	---	---	---	---	---	---	41.59	13.12	---	28.47	0.14
MW-13	06/26/2007	---	58 j	0.20 k	<1.0	<1.0	<1.0	---	<1.0	---	---	---	---	---	---	41.59	14.68	---	26.91	0.38
MW-13	09/11/2007	---	<50 j	0.69	0.30 k	<1.0	<1.0	---	<1.0	---	---	---	---	---	---	41.59	15.51	---	26.08	0.92
MW-13	12/26/2007	---	<50 j	0.24 k	<1.0	<1.0	<1.0	---	<1.0	---	---	---	---	---	---	41.59	14.74	---	26.85	1.0
MW-13	03/19/2008	---	<50	<0.50	<1.0	<1.0	<1.0	---	<1.0	---	---	---	---	---	---	41.59	13.28	---	28.31	0.34

TABLE 1

GROUNDWATER DATA
SHELL-BRANDED SERVICE STATION
1784 150th AVENUE, SAN LEANDRO, CALIFORNIA

Well ID	Date	TPHd (µg/L)	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)	1,2- DCA (µg/L)	EDB (µg/L)	TOC (ft MSL)	Depth to Water (ft TOC)	SPH Thickness (ft)	GW Elevation (ft MSL)	DO Reading (mg/L)
MW-13	06/05/2008	---	<50	<0.50	<1.0	<1.0	<1.0	---	<1.0	---	---	---	---	---	---	41.59	14.65	---	26.94	0.15
MW-13	09/29/2008	---	<50	0.53	<1.0	<1.0	<1.0	---	<1.0	---	---	---	---	---	---	41.59	16.50	---	25.09	1.59
MW-13	12/19/2008	---	<50	<0.50	<1.0	<1.0	<1.0	---	<1.0	---	---	---	---	---	---	41.59	16.12	---	25.47	0.49
MW-13	03/10/2009	---	<50	<0.50	<1.0	<1.0	<1.0	---	<1.0	---	---	---	---	---	---	41.59	12.75	---	28.84	1.52
MW-13	06/03/2009	---	<50	<0.50	<1.0	<1.0	<1.0	---	<1.0	---	---	---	---	---	---	41.59	14.90	---	26.69	0.99
MW-13	09/30/2009	---	<50	<0.50	<1.0	<1.0	<1.0	---	<1.0	---	---	---	---	---	---	41.59	16.82	---	24.77	0.20
MW-13	03/05/2010	---	<50	<0.50	<1.0	<1.0	<1.0	---	<1.0	---	---	---	---	---	---	41.59	11.87	---	29.72	0.18
MW-13	09/16/2010	---	<50	<0.50	<1.0	<1.0	<1.0	---	<1.0	---	---	---	---	---	---	41.59	15.10	---	26.49	0.20
MW-13	03/18/2011	---	<50	<0.50	<0.50	<0.50	<1.0	---	<1.0	---	---	---	---	---	---	41.59	12.12	---	29.47	0.68
MW-13	09/27/2011	---	<50	<0.50	<0.50	<0.50	<1.0	---	<1.0	---	---	---	---	---	---	41.59	14.43	---	27.16	0.59
MW-13	03/09/2012	---	<50	<0.50	<0.50	<0.50	<1.0	---	<0.50	---	---	---	---	---	---	41.59	14.73	---	26.86	0.13
MW-13	09/20/2012	---	<50	<0.50	<0.50	<0.50	<1.0	---	<0.50	---	---	---	---	---	---	41.59	15.51	---	26.08	2.50
P-1A	09/15/2008	---	---	---	---	---	---	---	---	---	---	---	---	---	---	47.74	22.49	---	25.25	---
P-1A	12/19/2008	---	13,000	90	24	1,100	893	---	190	---	---	---	---	---	---	47.74	22.23	---	25.51	0.54
P-1B	09/15/2008	---	---	---	---	---	---	---	---	---	---	---	---	---	---	47.65	22.50	---	25.15	---
P-1B	12/19/2008	---	82,000	5,200	3,300	3,000	9,600	---	1,300	---	---	---	---	---	---	47.65	22.25	---	25.40	0.66
P-2A	09/15/2008	---	---	---	---	---	---	---	---	---	---	---	---	---	---	48.81	23.58	---	25.23	---
P-2A	12/19/2008	---	1,900	70	<2.0	19	<2.0	---	94	---	---	---	---	---	---	48.81	23.49	---	25.32	3.92
P-2B	09/15/2008	---	---	---	---	---	---	---	---	---	---	---	---	---	---	49.02	23.40	---	25.62	---
P-2B	12/19/2008	---	7,500	450	<5.0	93	81	---	410	---	---	---	---	---	---	49.02	23.61	---	25.41	0.17
P-3A	09/15/2008	---	---	---	---	---	---	---	---	---	---	---	---	---	---	44.56	19.21	---	25.35	---
P-3A	12/19/2008	---	64,000	1,900	1,900	3,600	12,300	---	170	---	---	---	---	---	---	44.56	19.03	---	25.53	0.37
P-3B	09/15/2008	---	---	---	---	---	---	---	---	---	---	---	---	---	---	44.62	19.02	---	25.60	---
P-3B	12/19/2008	---	70,000	5,700	2,300	3,300	11,600	---	1,100	---	---	---	---	---	---	44.62	19.26	---	25.36	---
P-4A	09/15/2008	---	---	---	---	---	---	---	---	---	---	---	---	---	---	45.00	19.95	---	25.05	---
P-4A	10/02/2008	---	---	---	---	---	---	---	---	---	---	---	---	---	---	45.00	19.63	---	25.37	---
P-4A	12/19/2008	---	80,000	330	9,300	3,800	14,300	---	130	---	---	---	---	---	---	45.00	19.32	---	25.68	0.76
P-4B	09/15/2008	---	---	---	---	---	---	---	---	---	---	---	---	---	---	44.93	19.30	---	25.63	---
P-4B	12/19/2008	---	81,000	1,100	5,800	4,000	17,500	---	390	---	---	---	---	---	---	44.93	19.50	---	25.43	0.52

Notes:

**GROUNDWATER DATA
SHELL-BRANDED SERVICE STATION
1784 150th AVENUE, SAN LEANDRO, CALIFORNIA**

Well ID	Date	TPHd (µg/L)	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)	1,2-		TOC (ft MSL)	Depth to Water (ft TOC)	SPH Thickness (ft)	GW Elevation (ft MSL)	DO Reading (mg/L)
								8020 (µg/L)	8260 (µg/L)					DCA (µg/L)	EDB (µg/L)					

TPHd = Total petroleum hydrocarbons as diesel analyzed by modified EPA Method 8015

TPHg = Total petroleum hydrocarbons as gasoline analyzed by EPA Method 8260B; prior to June 11, 2001, analyzed by EPA Method 8015 unless otherwise indicated.

BTEX = Benzene, toluene, ethylbenzene, and total xylenes analyzed by EPA Method 8260B; prior to June 11, 2001, analyzed by EPA Method 8020.

MTBE = Methyl tertiary-butyl ether analyzed by method 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

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

1,2-DCA = 1,2-dichloroethane analyzed by EPA Method 8260

EDB = 1,2-dibromomethane or ethylene dibromide analyzed by EPA Method 8260

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

SPH = Separate-phase hydrocarbon

GW = Groundwater

DO = Dissolved oxygen

µg/L = Micrograms per liter

ft = Feet

MSL = Mean sea level

mg/L = Milligrams per liter

<x = Not detected at reporting limit x

--- = Not analyzed or not available

(D) = Duplicate sample

a = Chromatogram pattern indicates an unidentified hydrocarbon.

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

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

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

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

f = Sample analyzed out of EPA recommended hold time.

g = The result for this hydrocarbon is elevated due to the presence of single analyte peak(s) in the quantitation range.

h = Result was reported with a possible low bias due to the continuing calibration verification falling outside the acceptance criteria.

i = Sample required dilution due to high concentrations of target analyte.

j = 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.

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

m = The sample extract was subjected to Silica Gel treatment prior to analysis

When SPHs are present, the groundwater elevation is adjusted using the following formula: $GWE = TOC - DTW + 0.8 * SPH \text{ thickness}$.

Site surveyed January 23, 2002 by Virgil Chavez Land Surveying

GROUNDWATER DATA
 SHELL-BRANDED SERVICE STATION
 1784 150th AVENUE, SAN LEANDRO, CALIFORNIA

Well ID	Date	TPHd (µg/L)	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)	1,2-DCA (µg/L)	EDB (µg/L)	TOC (ft MSL)	Depth to Water (ft TOC)	SPH Thickness (ft)	GW Elevation (ft MSL)	DO Reading (mg/L)
								8020 (µg/L)	8260 (µg/L)											

Wells MW-7 and MW-8 surveyed by Virgil Chavez Land Surveying

Wells MW-9, MW-10, and MW-11 surveyed December 11, 2003 by Virgil Chavez Land Surveying

Wells MW-12 and MW-13 surveyed on June 9, 2006 by Virgil Chavez Land Surveying

APPENDIX A

BLAINE TECH SERVICES, INC. -
FIELD NOTES

WELL GAUGING DATA

Project # 120920-MM1

Date 9-20-12

Client Shell

Site 1784 150th Ave San Leandro, CA

Well ID	Time	Well Size (in.)	Sheen / Odor	Depth to Immiscible Liquid (ft.)	Thickness of Immiscible Liquid (ft.)	Volume of Immiscibles Removed (ml)	Depth to water (ft.)	Depth to well bottom (ft.)	Survey Point: TOB or <u>TOC</u>	Notes
MW-1A	4						23.15	26.35		
MW-1B	4						23.27	49.75		
MW-2B	4						19.15	48.86		
MW-3	4			—	—	—	26.13	41.55		
MW-4	2						14.52	24.96		
MW-5	2						15.68	24.82		
MW-6	2						15.54	19.47		
MW-7	2						18.83	26.79		
MW-8	2						17.50	24.17		
MW-9	2						15.70	34.71		
MW-10	4						24.79	31.60		
MW-11	4						19.70	24.71		
MW-12	2						18.23	27.63		
MW-13	2						15.51	23.80		
EW-1	4						22.64	34.90		
EW-2	4						18.70	32.70	✓	
* OPENED ALL CAPS 15 MIN PRIOR TO GAUGING										

SHELL WELL MONITORING DATA SHEET

BTS #: <u>120920-MM1</u>	Site: <u>1784 150th Ave San Leandro, CA</u>
Sampler: <u>MM SK (BW)</u>	Date: <u>9-20-12</u>
Well I.D.: <u>MW-5</u>	Well Diameter: <u>(2)</u> 3 4 6 8 _____
Total Well Depth (TD): <u>24.82</u>	Depth to Water (DTW): <u>15.68</u>
Depth to Free Product: <u>-</u>	Thickness of Free Product (feet): <u>-</u>
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>17.51</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: _____

<u>1.5</u> (Gals.) X	<u>3</u>	<u>=</u>	<u>4.5</u> Gals.
I 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>1135</u>	<u>70.2</u>	<u>7.52</u>	<u>1181</u>	<u>216</u>	<u>1.5</u>	
<u>1138</u>	<u>68.6</u>	<u>7.41</u>	<u>1142</u>	<u>987</u>	<u>3.0</u>	
<u>1141</u>	<u>68.0</u>	<u>7.40</u>	<u>1120</u>	<u>71000</u>	<u>4.5</u>	

Did well dewater? Yes No Gallons actually evacuated: 4.5

Sampling Date: 9-20-12 Sampling Time: 1145 Depth to Water: 15.93

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):	Pre-purge:	mg/L	<u>Post-purge:</u>	mg/L
				<u>0.28</u>
O.R.P. (if req'd):	Pre-purge:	mV	Post-purge:	mV

SHELL WELL MONITORING DATA SHEET

BTS #: 120920-MM1	Site: 1784 150th Ave San Leandro, CA
Sampler: MM SK (BW)	Date: 9-20-12
Well I.D.: MW-6	Well Diameter: (2) 3 4 6 8
Total Well Depth (TD): 19.47	Depth to Water (DTW): 15.54
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]: 16.33	

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

$0.6 \text{ (Gals.)} \times 3 = 1.8 \text{ Gals.}$ <p style="font-size: small; margin: 0;">1 Case Volume Specified Volumes Calculated Volume</p>	<table border="1" style="width: 100%; border-collapse: collapse; font-size: x-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														

Time	Temp (°F)	pH	Cond. (mS or µS)	Turbidity (NTUs)	Gals. Removed	Observations
0951	69.8	6.72	409	71000	0.6	
0954	69.4	6.82	405	71000	1.2	
0956	68.9	6.90	411	71000	1.8	DTW - 17.83'
Post						D.O. 0.57 mg/L

Did well dewater? Yes No Gallons actually evacuated: 1.8

Sampling Date: 9-20-12 Sampling Time: 1015 Depth to Water: 16.04

Sample I.D.: MW-6 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):	Pre-purge:	mg/L	Post-purge:	0.57 mg/L
O.R.P. (if req'd):	Pre-purge:	mV	Post-purge:	mV

SHELL WELL MONITORING DATA SHEET

BTS #: <u>120920-MM1</u>	Site: <u>1784 150th Ave San Leandro, CA</u>
Sampler: <u>MM</u> <input checked="" type="radio"/> <u>BW</u>	Date: <u>9-20-12</u>
Well I.D.: <u>MW-7</u>	Well Diameter: <input checked="" type="radio"/> 2 3 4 6 8
Total Well Depth (TD): <u>26.79</u>	Depth to Water (DTW): <u>18.83</u>
Depth to Free Product:	Thickness of Free Product (feet):
Referenced to: <input checked="" type="radio"/> <u>PVC</u> Grade	D.O. Meter (if req'd): <input checked="" type="radio"/> <u>YSI</u> HACH
DTW with 80% Recharge [(Height of Water Column x 0.20) + DTW]: <u>20.42</u>	

Purge Method: <input checked="" type="radio"/> <u>Bailer</u> Disposable Bailer Positive Air Displacement Electric Submersible	Waterra Peristaltic Extraction Pump Other _____	Sampling Method: <input checked="" type="radio"/> <u>Bailer</u> Disposable Bailer Extraction Port Dedicated Tubing Other: _____
--	--	---

$\underline{1.3} \text{ (Gals.)} \times \underline{3} = \underline{3.9} \text{ Gals.}$ 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
0920	66.9	6.4	2450	213	1.3	
0921	67.0	6.4	2463	765	2.6	
0922	67.2	6.5	2472	444	3.9	

Did well dewater? Yes <input checked="" type="radio"/> <u>No</u>	Gallons actually evacuated: <u>3.9</u>	
Sampling Date: <u>9-20-12</u>	Sampling Time: <u>0925</u>	Depth to Water: <u>19.43</u>
Sample I.D.: <u>MW-7</u>	Laboratory: <input checked="" type="radio"/> <u>Test America</u> Other _____	
Analyzed for: TPH-G BTEX MTBE TPH-D Oxygenates (5) Other: <u>see conc</u>		
EB I.D. (if applicable): _____ @ _____ Time	Duplicate I.D. (if applicable): _____	
Analyzed for: TPH-G BTEX MTBE TPH-D Oxygenates (5) Other: _____		
D.O. (if req'd): Pre-purge: _____ mg/L	<input checked="" type="radio"/> <u>Post-purge:</u> <u>1.04</u> mg/L	
O.R.P. (if req'd): Pre-purge: _____ mV	Post-purge: _____ mV	

SHELL WELL MONITORING DATA SHEET

BTS #: 120920-MM1	Site: 1784 150th Ave San Leandro, CA
Sample: <u>MM</u> SK BW	Date: 9-20-12
Well I.D.: MW-8	Well Diameter: <u>2</u> 3 4 6 8
Total Well Depth (TD): 24.17	Depth to Water (DTW): 17.50
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]: 18.83	

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

$1 \text{ (Gals.)} \times 3 = 3 \text{ Gals.}$ 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
0925	65.4	7.11	1317	568	1	
0926	65.9	6.86	1339	>1000	2	
0927	66.1	6.84	1343	>1000	3	

Did well dewater? Yes No Gallons actually evacuated: 3

Sampling Date: 9-20-12 Sampling Time: 0931 Depth to Water: 18.55

Sample I.D.: MW-8 Laboratory: Test America Other _____

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

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

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

D.O. (if req'd):	Pre-purge:	mg/L	Post-purge: <u>1.30</u>	mg/L
O.R.P. (if req'd):	Pre-purge:	mV	Post-purge:	mV

SHELL WELL MONITORING DATA SHEET

BTS #: 120920-MMI	Site: 1784 150th Ave San Leandro, CA
Sampler: MM <u>(SR)</u> BW	Date: 9-20-12
Well I.D.: MW-9	Well Diameter: <u>(2)</u> 3 4 6 8
Total Well Depth (TD): 34.71	Depth to Water (DTW): 15.70
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]: 19.50	

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

3.0 (Gals.) X	3	= 9.0	Gals.
I 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
0841	64.3	7.5	1139	>1000	3.0	
0844	65.3	7.4	1114	>1000	6.0	
0847	64.9	7.4	1088	>1000	9.0	

Did well dewater? Yes (No) Gallons actually evacuated: 9.0

Sampling Date: 9-20-12 Sampling Time: 0850 Depth to Water: 15.88

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:	mg/L	<u>(Post-purge)</u>	2.25	mg/L
O.R.P. (if req'd):	Pre-purge:	mV	Post-purge:		mV

SHELL WELL MONITORING DATA SHEET

BTS #: 120920-MM1	Site: 1784 150th Ave San Leandro, CA
Sampler: MM SK BW	Date: 9-20-12
Well I.D.: MW-10	Well Diameter: 2 3 4 6 8
Total Well Depth (TD): 31.60	Depth to Water (DTW): 24.79
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]: 26.15	

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

$4.4 \text{ (Gals.)} \times 3 = 13.2 \text{ Gals.}$ <p>1 Case Volume Specified Volumes Calculated Volume</p>	<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
1047	71.8	7.01	928.1	17	4.4	
1048	69.8	6.85	986.8	15	8.8	
		WELL DEWATERED AT 9 GAL				
1300	66.5	6.89	997.7	17	GRAB	

Did well dewater? Yes No Gallons actually evacuated: 9

Sampling Date: 9-20-12 Sampling Time: 1300 Depth to Water: 24.85

Sample I.D.: MW-10 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:	mg/L	Post-purge:	1.03	mg/L
O.R.P. (if req'd):	Pre-purge:	mV	Post-purge:		mV

SHELL WELL MONITORING DATA SHEET

BTS #: 120920-MM1	Site: 1784 150th Ave San Leandro, CA
Sampler: MM SK BW	Date: 9-20-12
Well I.D.: MW-11	Well Diameter: 2 3 <u>4</u> 6 8
Total Well Depth (TD): 24.71	Depth to Water (DTW): 19.70
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]: 20.70	

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

3.3	(Gals.) X	3	=	9.9	Gals.
1 Case Volume		Specified Volumes		Calculated Volume	

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

Time	Temp (°F)	pH	Cond. (mS or <u>µS</u>)	Turbidity (NTUs)	Gals. Removed	Observations
1218	70.2	7.14	748.1	180	3.3	
WELL DEWATERED AT 3.5 GAL						
1332	66.0	7.40	797.0	78	GRAB	

Did well dewater? Yes No Gallons actually evacuated: 3.5

Sampling Date: 9-20-12 Sampling Time: 1332 Depth to Water: 19.85

Sample I.D.: MW-11 Laboratory: Test America Other _____

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

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

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

D.O. (if req'd):	Pre-purge:	mg/L	Post-purge:	mg/L
				1.08
O.R.P. (if req'd):	Pre-purge:	mV	Post-purge:	mV

SHELL WELL MONITORING DATA SHEET

BTS #: 120920-MM1	Site: 1784 150th Ave San Leandro, CA
Sampler: <u>MM</u> SK BW	Date: 9-20-12
Well I.D.: MW-12	Well Diameter: <u>2</u> 3 4 6 8
Total Well Depth (TD): 27.63	Depth to Water (DTW): 18.23
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]: 20.11	

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

$1.5 \text{ (Gals.)} \times 3 = 4.5 \text{ Gals.}$ 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
0938	66.4	6.89	2782	>1000	1.5	
0939	67.1	6.65	2979	>1000	3.0	
0940	67.2	6.60	3058	>1000	4.5	

Did well dewater? Yes No Gallons actually evacuated: 4.5

Sampling Date: 9-20-12 Sampling Time: 0945 Depth to Water: 19.73

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):	Pre-purge:	mg/L	Post-purge:	1.52 mg/L
O.R.P. (if req'd):	Pre-purge:	mV	Post-purge:	mV

SHELL WELL MONITORING DATA SHEET

BTS #: 120920-MM1	Site: 1784 150th Ave San Leandro, CA
Sampler: <u>MM</u> SK BW	Date: 9-20-12
Well I.D.: MW-13	Well Diameter: <u>2</u> 3 4 6 8
Total Well Depth (TD): 23.80	Depth to Water (DTW): 15.51
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]: 17.17	

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

1.3 (Gals.) X 3 = 3.9 Gals.
 I 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 μ S)	Turbidity (NTUs)	Gals. Removed	Observations
0839	64.5	6.88	1256	725	1.3	
0841	69.3	7.46	1242	>1000	2.6	
0843	65.4	7.37	1257	>1000	3.9	

Did well dewater? Yes No Gallons actually evacuated: 4

Sampling Date: 9-20-12 Sampling Time: 0850 Depth to Water: 15.60

Sample I.D.: MW-13 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:	mg/L	Post-purge:	2.50 mg/L
O.R.P. (if req'd):	Pre-purge:	mV	Post-purge:	mV

SHELL WELL MONITORING DATA SHEET

BTS #: 120920-MM1	Site: 1784 150th Ave. San Leandro, CA
Sampler: MM SK BW	Date: 9-20-12
Well I.D.: EW-2	Well Diameter: 2 3 <u>4</u> 6 8
Total Well Depth (TD): 32.70	Depth to Water (DTW): 18.70
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]: 21.50	

Purge Method: Bailer Disposable Bailer Positive Air Displacement Electric Submersible

Waterra Peristaltic Extraction Pump Other _____

Sampling Method: Bailer Disposable Bailer Extraction Port Dedicated Tubing

Other: _____

$$9.1 \text{ (Gals.)} \times 3 = 27.3 \text{ Gals.}$$
 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
1148	71.2	7.04	839.3	467	9.1	ODOR
1150	70.5	6.91	860.4	274	18.2	
1152	70.9	6.89	861.2	236	27.3	

Did well dewater? Yes No Gallons actually evacuated: 27.5

Sampling Date: 9-20-12 Sampling Time: 1325 Depth to Water: 18.78

Sample I.D.: EW-2 Laboratory: Test America Other _____

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

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

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

D.O. (if req'd):	Pre-purge:	mg/L	Post-purge:	1.75	mg/L
O.R.P. (if req'd):	Pre-purge:	mV	Post-purge:		mV

INCIDENT # 98996068

ADDRESS 1784 150th Ave

DATE: 9-20-12

CITY & STATE San Leandro, 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 Property*		Well Cap (Gripper) Condition		Well Lock Condition			Well Pad / Surface Condition									
MW-1A	Standpipe	Flush	G	P	Size (inch)	Y	N	G	R	G	R	NL	G	P		Y	N					
MW-1B	Standpipe	Flush	G	P	Size (inch)	Y	N	G	R	G	R	NL	G	P		Y	N					
MW-2B	Standpipe	Flush	G	P	Size (inch)	Y	N	G	R	G	R	NL	G	P		Y	N					
MW-3	Standpipe	Flush	G	P	Size (inch)	Y	N	G	R	G	R	NL	G	P		Y	N					
MW-4	Standpipe	Flush	G	P	12	Y	N	G	R	G	R	NL	G	P		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	Size (inch)	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	water balled, bad seal	Y	N					
MW-9	Standpipe	Flush	G	P	Size (inch)	Y	N	G	R	G	R	NL	G	P		Y	N					
MW-10	Standpipe	Flush	G	P	Size (inch)	Y	N	G	R	G	R	NL	G	P		Y	N					
TOTAL # CAPS REPLACED =						0		0		= TOTAL # OF LOCKS REPLACED												
Condition of Soil Boring Patches or Abandoned Monitoring Wells		G	P	N/A	If POOR, Borings/Well IDs or Location Description:										Y	N						
Remediation Compound Type (Check boxes that apply)		Condition of Enclosure			Condition of Area Inside Enclosure			Compound Security			Emergency Contact Info Visible			Cleaning / Repairs Recommended and Conducted			Photos of Condition		Repair Date and PM Initials			
NA		G			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).

Mark McCulloch, Blaine Tech Service
Print or type Name of Field Personnel & Consultant Company

INCIDENT # 98996068

ADDRESS 1784 150th Ave

DATE: 9-20-12

CITY & STATE San Leandro, 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 Property*		Well Cap (Gripper) Condition		Well Lock Condition			Well Pad/ Surface Condition								
MW-11	Standpipe	Flush	G	P	Size (inch) 12	Y	N	G	R	G	R	NL	G	P	Apron broken, trips hazard	Y	N			
MW-12	Standpipe	Flush	G	P	Size (inch) 12	Y	N	G	R	G	R	NL	G	P		Y	N			
MW-13	Standpipe	Flush	G	P	Size (inch) 12	Y	N	G	R	G	R	NL	G	P		Y	N			
EW-1	Standpipe	Flush	G	P	Size (inch) 12	Y	N	G	R	G	R	NL	G	P		Y	N			
EW-2	Standpipe	Flush	G	P	Size (inch) 12	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 = 3												TOTAL # OF LOCKS REPLACED = 3								
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 <input checked="" type="checkbox"/>		G			G			G		Y						Y				
Building <input type="checkbox"/>		P			P			P		N						N				
Building w/ Fence Comp. <input type="checkbox"/>		N/A			N/A			N/A		N/A						N/A				
Fenced Compound <input type="checkbox"/>																				
Trailer <input type="checkbox"/>																				
Number of Drums On-site		Does the Label Reveal the Source of the Contents		Labeled Correctly and Writing Legible			Drum Condition			Confirm Drums Related to Environmental		Drums Located to Min Business Interference			Detailed Explanation of Any Issues Resolved			Photos of Drum Condition		Date Drums Removed from Site and PM Initials
0		Y		N/A			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).

Mark McCalloch, Blaine Tech Service
Print or type Name of Field Personnel & Consultant Company

APPENDIX B

TESTAMERICA LABORATORIES, INC. -
ANALYTICAL REPORT

TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

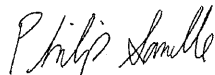
ANALYTICAL REPORT

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

TestAmerica Job ID: 440-24253-1
Client Project/Site: 1784 150th Ave., San Leandro, CA

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

Attn: Peter Schaefer



Authorized for release by:
10/3/2012 4:19:38 PM

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

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The test results in this report meet all 2003 NELAC and 2009 TNI requirements for accredited parameters, exceptions are noted in this report. This report may not be reproduced except in full, and with written approval from the laboratory. For questions please contact the Project Manager at the e-mail address or telephone number listed on this page.

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
Client Sample Results	5
Chronicle	13
QC Sample Results	16
QC Association	20
Definitions	22
Certification Summary	23
Chain of Custody	24
Receipt Checklists	26

Sample Summary

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 1784 150th Ave., San Leandro, CA

TestAmerica Job ID: 440-24253-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
440-24253-1	MW-1A	Water	09/20/12 11:20	09/22/12 10:30
440-24253-2	MW-1B	Water	09/20/12 10:22	09/22/12 10:30
440-24253-3	MW-2B	Water	09/20/12 13:10	09/22/12 10:30
440-24253-4	MW-5	Water	09/20/12 11:45	09/22/12 10:30
440-24253-5	MW-6	Water	09/20/12 10:15	09/22/12 10:30
440-24253-6	MW-7	Water	09/20/12 09:25	09/22/12 10:30
440-24253-7	MW-8	Water	09/20/12 09:31	09/22/12 10:30
440-24253-8	MW-9	Water	09/20/12 08:50	09/22/12 10:30
440-24253-9	MW-10	Water	09/20/12 13:00	09/22/12 10:30
440-24253-10	MW-11	Water	09/20/12 13:32	09/22/12 10:30
440-24253-11	MW-12	Water	09/20/12 09:45	09/22/12 10:30
440-24253-12	MW-13	Water	09/20/12 08:50	09/22/12 10:30
440-24253-13	EW-1	Water	09/20/12 13:20	09/22/12 10:30
440-24253-14	EW-2	Water	09/20/12 13:25	09/22/12 10:30

Case Narrative

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 1784 150th Ave., San Leandro, CA

TestAmerica Job ID: 440-24253-1

Job ID: 440-24253-1

Laboratory: TestAmerica Irvine

Narrative

Job Narrative
440-24253-1

Comments

No additional comments.

Receipt

The samples were received on 9/22/2012 10:30 AM; the samples arrived in good condition, properly preserved and, where required, on ice. The temperatures of the 2 coolers at receipt time were 2.4° C and 3.7° C.

GC/MS VOA

Method(s) 8260B/CA_LUFTMS: The Gasoline Range Organics (GRO) concentration reported for the following sample(s) is due to the presence of discrete peaks: MW-5 (440-24252-19). Tetrachloroethene.

No other analytical or quality issues were noted.

VOA Prep

No analytical or quality issues were noted.

Client Sample Results

Client: Conestoga-Rovers & Associates, Inc.
 Project/Site: 1784 150th Ave., San Leandro, CA

TestAmerica Job ID: 440-24253-1

Client Sample ID: MW-1A

Lab Sample ID: 440-24253-1

Date Collected: 09/20/12 11:20

Matrix: Water

Date Received: 09/22/12 10:30

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Volatile Fuel Hydrocarbons (C4-C12)	310		50		ug/L			09/29/12 23:24	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
Dibromofluoromethane (Surr)	98		80 - 120					09/29/12 23:24	1
4-Bromofluorobenzene (Surr)	100		80 - 120					09/29/12 23:24	1
Toluene-d8 (Surr)	97		80 - 120					09/29/12 23:24	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.50		ug/L			09/29/12 23:24	1
Toluene	ND		0.50		ug/L			09/29/12 23:24	1
Ethylbenzene	ND		0.50		ug/L			09/29/12 23:24	1
Xylenes, Total	ND		1.0		ug/L			09/29/12 23:24	1
Methyl-t-Butyl Ether (MTBE)	2.7		0.50		ug/L			09/29/12 23:24	1
tert-Butyl alcohol (TBA)	46		10		ug/L			09/29/12 23:24	1
Isopropyl Ether (DIPE)	ND		0.50		ug/L			09/29/12 23:24	1
Ethyl-t-butyl ether (ETBE)	ND		0.50		ug/L			09/29/12 23:24	1
Tert-amyl-methyl ether (TAME)	ND		0.50		ug/L			09/29/12 23:24	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	100		80 - 120					09/29/12 23:24	1
Dibromofluoromethane (Surr)	98		80 - 120					09/29/12 23:24	1
Toluene-d8 (Surr)	97		80 - 120					09/29/12 23:24	1

Client Sample ID: MW-1B

Lab Sample ID: 440-24253-2

Date Collected: 09/20/12 10:22

Matrix: Water

Date Received: 09/22/12 10:30

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Volatile Fuel Hydrocarbons (C4-C12)	ND		50		ug/L			09/30/12 00:45	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
Dibromofluoromethane (Surr)	93		80 - 120					09/30/12 00:45	1
4-Bromofluorobenzene (Surr)	98		80 - 120					09/30/12 00:45	1
Toluene-d8 (Surr)	98		80 - 120					09/30/12 00:45	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.50		ug/L			09/30/12 00:45	1
Toluene	ND		0.50		ug/L			09/30/12 00:45	1
Ethylbenzene	ND		0.50		ug/L			09/30/12 00:45	1
Xylenes, Total	ND		1.0		ug/L			09/30/12 00:45	1
Methyl-t-Butyl Ether (MTBE)	1.5		0.50		ug/L			09/30/12 00:45	1
tert-Butyl alcohol (TBA)	ND		10		ug/L			09/30/12 00:45	1
Isopropyl Ether (DIPE)	ND		0.50		ug/L			09/30/12 00:45	1
Ethyl-t-butyl ether (ETBE)	ND		0.50		ug/L			09/30/12 00:45	1
Tert-amyl-methyl ether (TAME)	ND		0.50		ug/L			09/30/12 00:45	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	98		80 - 120					09/30/12 00:45	1
Dibromofluoromethane (Surr)	93		80 - 120					09/30/12 00:45	1

Client Sample Results

Client: Conestoga-Rovers & Associates, Inc.
 Project/Site: 1784 150th Ave., San Leandro, CA

TestAmerica Job ID: 440-24253-1

Client Sample ID: MW-1B

Lab Sample ID: 440-24253-2

Date Collected: 09/20/12 10:22

Matrix: Water

Date Received: 09/22/12 10:30

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

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Toluene-d8 (Surr)	98		80 - 120		09/30/12 00:45	1

Client Sample ID: MW-2B

Lab Sample ID: 440-24253-3

Date Collected: 09/20/12 13:10

Matrix: Water

Date Received: 09/22/12 10:30

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Volatile Fuel Hydrocarbons (C4-C12)	120		50		ug/L			09/30/12 01:12	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Dibromofluoromethane (Surr)	95		80 - 120		09/30/12 01:12	1
4-Bromofluorobenzene (Surr)	98		80 - 120		09/30/12 01:12	1
Toluene-d8 (Surr)	95		80 - 120		09/30/12 01:12	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	1.2		0.50		ug/L			09/30/12 01:12	1
Toluene	ND		0.50		ug/L			09/30/12 01:12	1
Ethylbenzene	ND		0.50		ug/L			09/30/12 01:12	1
Xylenes, Total	ND		1.0		ug/L			09/30/12 01:12	1
Methyl-t-Butyl Ether (MTBE)	92		0.50		ug/L			09/30/12 01:12	1
tert-Butyl alcohol (TBA)	ND		10		ug/L			09/30/12 01:12	1
Isopropyl Ether (DIPE)	ND		0.50		ug/L			09/30/12 01:12	1
Ethyl-t-butyl ether (ETBE)	ND		0.50		ug/L			09/30/12 01:12	1
Tert-amyl-methyl ether (TAME)	ND		0.50		ug/L			09/30/12 01:12	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	98		80 - 120		09/30/12 01:12	1
Dibromofluoromethane (Surr)	95		80 - 120		09/30/12 01:12	1
Toluene-d8 (Surr)	95		80 - 120		09/30/12 01:12	1

Client Sample ID: MW-5

Lab Sample ID: 440-24253-4

Date Collected: 09/20/12 11:45

Matrix: Water

Date Received: 09/22/12 10:30

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Volatile Fuel Hydrocarbons (C4-C12)	620		50		ug/L			09/30/12 01:39	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Dibromofluoromethane (Surr)	95		80 - 120		09/30/12 01:39	1
4-Bromofluorobenzene (Surr)	97		80 - 120		09/30/12 01:39	1
Toluene-d8 (Surr)	98		80 - 120		09/30/12 01:39	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.50		ug/L			09/30/12 01:39	1
Toluene	ND		0.50		ug/L			09/30/12 01:39	1
Ethylbenzene	ND		0.50		ug/L			09/30/12 01:39	1
Xylenes, Total	ND		1.0		ug/L			09/30/12 01:39	1

Client Sample Results

Client: Conestoga-Rovers & Associates, Inc.
 Project/Site: 1784 150th Ave., San Leandro, CA

TestAmerica Job ID: 440-24253-1

Client Sample ID: MW-5

Lab Sample ID: 440-24253-4

Date Collected: 09/20/12 11:45

Matrix: Water

Date Received: 09/22/12 10:30

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methyl-t-Butyl Ether (MTBE)	ND		0.50		ug/L			09/30/12 01:39	1
tert-Butyl alcohol (TBA)	ND		10		ug/L			09/30/12 01:39	1
Isopropyl Ether (DIPE)	ND		0.50		ug/L			09/30/12 01:39	1
Ethyl-t-butyl ether (ETBE)	ND		0.50		ug/L			09/30/12 01:39	1
Tert-amyl-methyl ether (TAME)	ND		0.50		ug/L			09/30/12 01:39	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	97		80 - 120					09/30/12 01:39	1
Dibromofluoromethane (Surr)	95		80 - 120					09/30/12 01:39	1
Toluene-d8 (Surr)	98		80 - 120					09/30/12 01:39	1

Client Sample ID: MW-6

Lab Sample ID: 440-24253-5

Date Collected: 09/20/12 10:15

Matrix: Water

Date Received: 09/22/12 10:30

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Volatile Fuel Hydrocarbons (C4-C12)	ND		50		ug/L			09/30/12 02:06	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
Dibromofluoromethane (Surr)	99		80 - 120					09/30/12 02:06	1
4-Bromofluorobenzene (Surr)	100		80 - 120					09/30/12 02:06	1
Toluene-d8 (Surr)	95		80 - 120					09/30/12 02:06	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.50		ug/L			09/30/12 02:06	1
Toluene	ND		0.50		ug/L			09/30/12 02:06	1
Ethylbenzene	ND		0.50		ug/L			09/30/12 02:06	1
Xylenes, Total	ND		1.0		ug/L			09/30/12 02:06	1
Methyl-t-Butyl Ether (MTBE)	ND		0.50		ug/L			09/30/12 02:06	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	100		80 - 120					09/30/12 02:06	1
Dibromofluoromethane (Surr)	99		80 - 120					09/30/12 02:06	1
Toluene-d8 (Surr)	95		80 - 120					09/30/12 02:06	1

Client Sample ID: MW-7

Lab Sample ID: 440-24253-6

Date Collected: 09/20/12 09:25

Matrix: Water

Date Received: 09/22/12 10:30

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Volatile Fuel Hydrocarbons (C4-C12)	3600		250		ug/L			10/01/12 13:02	5
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
Dibromofluoromethane (Surr)	95		80 - 120					10/01/12 13:02	5
4-Bromofluorobenzene (Surr)	98		80 - 120					10/01/12 13:02	5
Toluene-d8 (Surr)	97		80 - 120					10/01/12 13:02	5

Client Sample Results

Client: Conestoga-Rovers & Associates, Inc.
 Project/Site: 1784 150th Ave., San Leandro, CA

TestAmerica Job ID: 440-24253-1

Client Sample ID: MW-7

Lab Sample ID: 440-24253-6

Date Collected: 09/20/12 09:25

Matrix: Water

Date Received: 09/22/12 10:30

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.50		ug/L			09/30/12 02:33	1
Toluene	ND		0.50		ug/L			09/30/12 02:33	1
Ethylbenzene	31		0.50		ug/L			09/30/12 02:33	1
Xylenes, Total	67		1.0		ug/L			09/30/12 02:33	1
Methyl-t-Butyl Ether (MTBE)	ND		0.50		ug/L			09/30/12 02:33	1
tert-Butyl alcohol (TBA)	ND		10		ug/L			09/30/12 02:33	1
Isopropyl Ether (DIPE)	ND		0.50		ug/L			09/30/12 02:33	1
Ethyl-t-butyl ether (ETBE)	ND		0.50		ug/L			09/30/12 02:33	1
Tert-amyl-methyl ether (TAME)	ND		0.50		ug/L			09/30/12 02:33	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	97		80 - 120		09/30/12 02:33	1
Dibromofluoromethane (Surr)	96		80 - 120		09/30/12 02:33	1
Toluene-d8 (Surr)	96		80 - 120		09/30/12 02:33	1

Client Sample ID: MW-8

Lab Sample ID: 440-24253-7

Date Collected: 09/20/12 09:31

Matrix: Water

Date Received: 09/22/12 10:30

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Volatile Fuel Hydrocarbons (C4-C12)	4500		250		ug/L			10/01/12 13:30	5

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Dibromofluoromethane (Surr)	96		80 - 120		10/01/12 13:30	5
4-Bromofluorobenzene (Surr)	99		80 - 120		10/01/12 13:30	5
Toluene-d8 (Surr)	97		80 - 120		10/01/12 13:30	5

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	5.5		0.50		ug/L			09/30/12 03:00	1
Toluene	1.1		0.50		ug/L			09/30/12 03:00	1
Ethylbenzene	48		0.50		ug/L			09/30/12 03:00	1
Xylenes, Total	260		1.0		ug/L			09/30/12 03:00	1
Methyl-t-Butyl Ether (MTBE)	ND		0.50		ug/L			09/30/12 03:00	1
tert-Butyl alcohol (TBA)	ND		10		ug/L			09/30/12 03:00	1
Isopropyl Ether (DIPE)	ND		0.50		ug/L			09/30/12 03:00	1
Ethyl-t-butyl ether (ETBE)	ND		0.50		ug/L			09/30/12 03:00	1
Tert-amyl-methyl ether (TAME)	ND		0.50		ug/L			09/30/12 03:00	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	99		80 - 120		09/30/12 03:00	1
Dibromofluoromethane (Surr)	90		80 - 120		09/30/12 03:00	1
Toluene-d8 (Surr)	99		80 - 120		09/30/12 03:00	1

Client Sample ID: MW-9

Lab Sample ID: 440-24253-8

Date Collected: 09/20/12 08:50

Matrix: Water

Date Received: 09/22/12 10:30

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Volatile Fuel Hydrocarbons (C4-C12)	ND		50		ug/L			09/30/12 03:27	1

Client Sample Results

Client: Conestoga-Rovers & Associates, Inc.
 Project/Site: 1784 150th Ave., San Leandro, CA

TestAmerica Job ID: 440-24253-1

Client Sample ID: MW-9

Lab Sample ID: 440-24253-8

Date Collected: 09/20/12 08:50

Matrix: Water

Date Received: 09/22/12 10:30

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Dibromofluoromethane (Surr)	91		80 - 120		09/30/12 03:27	1
4-Bromofluorobenzene (Surr)	94		80 - 120		09/30/12 03:27	1
Toluene-d8 (Surr)	96		80 - 120		09/30/12 03:27	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.50		ug/L			09/30/12 03:27	1
Toluene	ND		0.50		ug/L			09/30/12 03:27	1
Ethylbenzene	ND		0.50		ug/L			09/30/12 03:27	1
Xylenes, Total	ND		1.0		ug/L			09/30/12 03:27	1
Methyl-t-Butyl Ether (MTBE)	ND		0.50		ug/L			09/30/12 03:27	1
tert-Butyl alcohol (TBA)	ND		10		ug/L			09/30/12 03:27	1
Isopropyl Ether (DIPE)	ND		0.50		ug/L			09/30/12 03:27	1
Ethyl-t-butyl ether (ETBE)	ND		0.50		ug/L			09/30/12 03:27	1
Tert-amyl-methyl ether (TAME)	ND		0.50		ug/L			09/30/12 03:27	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	94		80 - 120		09/30/12 03:27	1
Dibromofluoromethane (Surr)	91		80 - 120		09/30/12 03:27	1
Toluene-d8 (Surr)	96		80 - 120		09/30/12 03:27	1

Client Sample ID: MW-10

Lab Sample ID: 440-24253-9

Date Collected: 09/20/12 13:00

Matrix: Water

Date Received: 09/22/12 10:30

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Volatile Fuel Hydrocarbons (C4-C12)	74		50		ug/L			09/30/12 03:54	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Dibromofluoromethane (Surr)	92		80 - 120		09/30/12 03:54	1
4-Bromofluorobenzene (Surr)	92		80 - 120		09/30/12 03:54	1
Toluene-d8 (Surr)	96		80 - 120		09/30/12 03:54	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.50		ug/L			09/30/12 03:54	1
Toluene	ND		0.50		ug/L			09/30/12 03:54	1
Ethylbenzene	ND		0.50		ug/L			09/30/12 03:54	1
Xylenes, Total	ND		1.0		ug/L			09/30/12 03:54	1
Methyl-t-Butyl Ether (MTBE)	ND		0.50		ug/L			09/30/12 03:54	1
tert-Butyl alcohol (TBA)	ND		10		ug/L			09/30/12 03:54	1
Isopropyl Ether (DIPE)	ND		0.50		ug/L			09/30/12 03:54	1
Ethyl-t-butyl ether (ETBE)	ND		0.50		ug/L			09/30/12 03:54	1
Tert-amyl-methyl ether (TAME)	ND		0.50		ug/L			09/30/12 03:54	1
1,2-Dichloroethane	ND		0.50		ug/L			09/30/12 03:54	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	92		80 - 120		09/30/12 03:54	1
Dibromofluoromethane (Surr)	92		80 - 120		09/30/12 03:54	1
Toluene-d8 (Surr)	96		80 - 120		09/30/12 03:54	1

Client Sample Results

Client: Conestoga-Rovers & Associates, Inc.
 Project/Site: 1784 150th Ave., San Leandro, CA

TestAmerica Job ID: 440-24253-1

Client Sample ID: MW-11

Lab Sample ID: 440-24253-10

Date Collected: 09/20/12 13:32

Matrix: Water

Date Received: 09/22/12 10:30

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Volatile Fuel Hydrocarbons (C4-C12)	25000		2000		ug/L			09/30/12 04:21	40
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
Dibromofluoromethane (Surr)	91		80 - 120					09/30/12 04:21	40
4-Bromofluorobenzene (Surr)	98		80 - 120					09/30/12 04:21	40
Toluene-d8 (Surr)	95		80 - 120					09/30/12 04:21	40

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	310		20		ug/L			09/30/12 04:21	40
Toluene	1500		20		ug/L			09/30/12 04:21	40
Ethylbenzene	1200		20		ug/L			09/30/12 04:21	40
Xylenes, Total	6800		40		ug/L			09/30/12 04:21	40
Methyl-t-Butyl Ether (MTBE)	ND		20		ug/L			09/30/12 04:21	40
tert-Butyl alcohol (TBA)	ND		400		ug/L			09/30/12 04:21	40
Isopropyl Ether (DIPE)	ND		20		ug/L			09/30/12 04:21	40
Ethyl-t-butyl ether (ETBE)	ND		20		ug/L			09/30/12 04:21	40
Tert-amyl-methyl ether (TAME)	ND		20		ug/L			09/30/12 04:21	40
1,2-Dichloroethane	ND		20		ug/L			09/30/12 04:21	40
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	98		80 - 120					09/30/12 04:21	40
Dibromofluoromethane (Surr)	91		80 - 120					09/30/12 04:21	40
Toluene-d8 (Surr)	95		80 - 120					09/30/12 04:21	40

Client Sample ID: MW-12

Lab Sample ID: 440-24253-11

Date Collected: 09/20/12 09:45

Matrix: Water

Date Received: 09/22/12 10:30

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Volatile Fuel Hydrocarbons (C4-C12)	6800		500		ug/L			09/30/12 04:48	10
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
Dibromofluoromethane (Surr)	95		80 - 120					09/30/12 04:48	10
4-Bromofluorobenzene (Surr)	96		80 - 120					09/30/12 04:48	10
Toluene-d8 (Surr)	97		80 - 120					09/30/12 04:48	10

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	480		5.0		ug/L			09/30/12 04:48	10
Toluene	24		5.0		ug/L			09/30/12 04:48	10
Ethylbenzene	100		5.0		ug/L			09/30/12 04:48	10
Xylenes, Total	300		10		ug/L			09/30/12 04:48	10
Methyl-t-Butyl Ether (MTBE)	ND		5.0		ug/L			09/30/12 04:48	10
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	96		80 - 120					09/30/12 04:48	10
Dibromofluoromethane (Surr)	95		80 - 120					09/30/12 04:48	10
Toluene-d8 (Surr)	97		80 - 120					09/30/12 04:48	10

Client Sample Results

Client: Conestoga-Rovers & Associates, Inc.
 Project/Site: 1784 150th Ave., San Leandro, CA

TestAmerica Job ID: 440-24253-1

Client Sample ID: MW-13

Lab Sample ID: 440-24253-12

Date Collected: 09/20/12 08:50

Matrix: Water

Date Received: 09/22/12 10:30

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Volatile Fuel Hydrocarbons (C4-C12)	ND		50		ug/L			09/30/12 05:15	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
Dibromofluoromethane (Surr)	94		80 - 120					09/30/12 05:15	1
4-Bromofluorobenzene (Surr)	96		80 - 120					09/30/12 05:15	1
Toluene-d8 (Surr)	97		80 - 120					09/30/12 05:15	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.50		ug/L			09/30/12 05:15	1
Toluene	ND		0.50		ug/L			09/30/12 05:15	1
Ethylbenzene	ND		0.50		ug/L			09/30/12 05:15	1
Xylenes, Total	ND		1.0		ug/L			09/30/12 05:15	1
Methyl-t-Butyl Ether (MTBE)	ND		0.50		ug/L			09/30/12 05:15	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	96		80 - 120					09/30/12 05:15	1
Dibromofluoromethane (Surr)	94		80 - 120					09/30/12 05:15	1
Toluene-d8 (Surr)	97		80 - 120					09/30/12 05:15	1

Client Sample ID: EW-1

Lab Sample ID: 440-24253-13

Date Collected: 09/20/12 13:20

Matrix: Water

Date Received: 09/22/12 10:30

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Volatile Fuel Hydrocarbons (C4-C12)	14000		1000		ug/L			09/30/12 05:42	20
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
Dibromofluoromethane (Surr)	97		80 - 120					09/30/12 05:42	20
4-Bromofluorobenzene (Surr)	93		80 - 120					09/30/12 05:42	20
Toluene-d8 (Surr)	100		80 - 120					09/30/12 05:42	20

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	1000		10		ug/L			09/30/12 05:42	20
Toluene	180		10		ug/L			09/30/12 05:42	20
Ethylbenzene	790		10		ug/L			09/30/12 05:42	20
Xylenes, Total	1000		20		ug/L			09/30/12 05:42	20
Methyl-t-Butyl Ether (MTBE)	89		10		ug/L			09/30/12 05:42	20
tert-Butyl alcohol (TBA)	460		200		ug/L			09/30/12 05:42	20
Isopropyl Ether (DIPE)	ND		10		ug/L			09/30/12 05:42	20
Ethyl-t-butyl ether (ETBE)	ND		10		ug/L			09/30/12 05:42	20
Tert-amyl-methyl ether (TAME)	ND		10		ug/L			09/30/12 05:42	20
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	93		80 - 120					09/30/12 05:42	20
Dibromofluoromethane (Surr)	97		80 - 120					09/30/12 05:42	20
Toluene-d8 (Surr)	100		80 - 120					09/30/12 05:42	20

Client Sample Results

Client: Conestoga-Rovers & Associates, Inc.
 Project/Site: 1784 150th Ave., San Leandro, CA

TestAmerica Job ID: 440-24253-1

Client Sample ID: EW-2

Lab Sample ID: 440-24253-14

Date Collected: 09/20/12 13:25

Matrix: Water

Date Received: 09/22/12 10:30

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Volatile Fuel Hydrocarbons (C4-C12)	46000		2000		ug/L			09/30/12 06:09	40
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
Dibromofluoromethane (Surr)	94		80 - 120					09/30/12 06:09	40
4-Bromofluorobenzene (Surr)	96		80 - 120					09/30/12 06:09	40
Toluene-d8 (Surr)	99		80 - 120					09/30/12 06:09	40

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	160		20		ug/L			09/30/12 06:09	40
Toluene	580		20		ug/L			09/30/12 06:09	40
Ethylbenzene	2500		20		ug/L			09/30/12 06:09	40
Xylenes, Total	13000		40		ug/L			09/30/12 06:09	40
Methyl-t-Butyl Ether (MTBE)	ND		20		ug/L			09/30/12 06:09	40
tert-Butyl alcohol (TBA)	ND		400		ug/L			09/30/12 06:09	40
Isopropyl Ether (DIPE)	ND		20		ug/L			09/30/12 06:09	40
Ethyl-t-butyl ether (ETBE)	ND		20		ug/L			09/30/12 06:09	40
Tert-amyl-methyl ether (TAME)	ND		20		ug/L			09/30/12 06:09	40
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	96		80 - 120					09/30/12 06:09	40
Dibromofluoromethane (Surr)	94		80 - 120					09/30/12 06:09	40
Toluene-d8 (Surr)	99		80 - 120					09/30/12 06:09	40

Lab Chronicle

Client: Conestoga-Rovers & Associates, Inc.
 Project/Site: 1784 150th Ave., San Leandro, CA

TestAmerica Job ID: 440-24253-1

Client Sample ID: MW-1A

Lab Sample ID: 440-24253-1

Date Collected: 09/20/12 11:20

Matrix: Water

Date Received: 09/22/12 10:30

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	10 mL	10 mL	55692	09/29/12 23:24	YK	TAL IRV
Total/NA	Analysis	8260B/CA_LUFTMS		1	10 mL	10 mL	55693	09/29/12 23:24	MR	TAL IRV

Client Sample ID: MW-1B

Lab Sample ID: 440-24253-2

Date Collected: 09/20/12 10:22

Matrix: Water

Date Received: 09/22/12 10:30

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	10 mL	10 mL	55692	09/30/12 00:45	YK	TAL IRV
Total/NA	Analysis	8260B/CA_LUFTMS		1	10 mL	10 mL	55693	09/30/12 00:45	MR	TAL IRV

Client Sample ID: MW-2B

Lab Sample ID: 440-24253-3

Date Collected: 09/20/12 13:10

Matrix: Water

Date Received: 09/22/12 10:30

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	10 mL	10 mL	55692	09/30/12 01:12	YK	TAL IRV
Total/NA	Analysis	8260B/CA_LUFTMS		1	10 mL	10 mL	55693	09/30/12 01:12	MR	TAL IRV

Client Sample ID: MW-5

Lab Sample ID: 440-24253-4

Date Collected: 09/20/12 11:45

Matrix: Water

Date Received: 09/22/12 10:30

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	10 mL	10 mL	55692	09/30/12 01:39	YK	TAL IRV
Total/NA	Analysis	8260B/CA_LUFTMS		1	10 mL	10 mL	55693	09/30/12 01:39	MR	TAL IRV

Client Sample ID: MW-6

Lab Sample ID: 440-24253-5

Date Collected: 09/20/12 10:15

Matrix: Water

Date Received: 09/22/12 10:30

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	10 mL	10 mL	55692	09/30/12 02:06	YK	TAL IRV
Total/NA	Analysis	8260B/CA_LUFTMS		1	10 mL	10 mL	55693	09/30/12 02:06	MR	TAL IRV

Client Sample ID: MW-7

Lab Sample ID: 440-24253-6

Date Collected: 09/20/12 09:25

Matrix: Water

Date Received: 09/22/12 10:30

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	10 mL	10 mL	55692	09/30/12 02:33	YK	TAL IRV
Total/NA	Analysis	8260B/CA_LUFTMS		5	10 mL	10 mL	55783	10/01/12 13:02	CP	TAL IRV

Lab Chronicle

Client: Conestoga-Rovers & Associates, Inc.
 Project/Site: 1784 150th Ave., San Leandro, CA

TestAmerica Job ID: 440-24253-1

Client Sample ID: MW-8

Lab Sample ID: 440-24253-7

Date Collected: 09/20/12 09:31

Matrix: Water

Date Received: 09/22/12 10:30

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	10 mL	10 mL	55692	09/30/12 03:00	YK	TAL IRV
Total/NA	Analysis	8260B/CA_LUFTMS		5	10 mL	10 mL	55783	10/01/12 13:30	CP	TAL IRV

Client Sample ID: MW-9

Lab Sample ID: 440-24253-8

Date Collected: 09/20/12 08:50

Matrix: Water

Date Received: 09/22/12 10:30

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	10 mL	10 mL	55692	09/30/12 03:27	YK	TAL IRV
Total/NA	Analysis	8260B/CA_LUFTMS		1	10 mL	10 mL	55693	09/30/12 03:27	MR	TAL IRV

Client Sample ID: MW-10

Lab Sample ID: 440-24253-9

Date Collected: 09/20/12 13:00

Matrix: Water

Date Received: 09/22/12 10:30

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	10 mL	10 mL	55692	09/30/12 03:54	YK	TAL IRV
Total/NA	Analysis	8260B/CA_LUFTMS		1	10 mL	10 mL	55693	09/30/12 03:54	MR	TAL IRV

Client Sample ID: MW-11

Lab Sample ID: 440-24253-10

Date Collected: 09/20/12 13:32

Matrix: Water

Date Received: 09/22/12 10:30

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		40	10 mL	10 mL	55692	09/30/12 04:21	YK	TAL IRV
Total/NA	Analysis	8260B/CA_LUFTMS		40	10 mL	10 mL	55693	09/30/12 04:21	MR	TAL IRV

Client Sample ID: MW-12

Lab Sample ID: 440-24253-11

Date Collected: 09/20/12 09:45

Matrix: Water

Date Received: 09/22/12 10:30

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		10	10 mL	10 mL	55692	09/30/12 04:48	YK	TAL IRV
Total/NA	Analysis	8260B/CA_LUFTMS		10	10 mL	10 mL	55693	09/30/12 04:48	MR	TAL IRV

Client Sample ID: MW-13

Lab Sample ID: 440-24253-12

Date Collected: 09/20/12 08:50

Matrix: Water

Date Received: 09/22/12 10:30

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	10 mL	10 mL	55692	09/30/12 05:15	YK	TAL IRV
Total/NA	Analysis	8260B/CA_LUFTMS		1	10 mL	10 mL	55693	09/30/12 05:15	MR	TAL IRV

Lab Chronicle

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 1784 150th Ave., San Leandro, CA

TestAmerica Job ID: 440-24253-1

Client Sample ID: EW-1

Lab Sample ID: 440-24253-13

Date Collected: 09/20/12 13:20

Matrix: Water

Date Received: 09/22/12 10:30

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		20	10 mL	10 mL	55692	09/30/12 05:42	YK	TAL IRV
Total/NA	Analysis	8260B/CA_LUFTMS		20	10 mL	10 mL	55693	09/30/12 05:42	MR	TAL IRV

Client Sample ID: EW-2

Lab Sample ID: 440-24253-14

Date Collected: 09/20/12 13:25

Matrix: Water

Date Received: 09/22/12 10:30

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		40	10 mL	10 mL	55692	09/30/12 06:09	YK	TAL IRV
Total/NA	Analysis	8260B/CA_LUFTMS		40	10 mL	10 mL	55693	09/30/12 06:09	MR	TAL IRV

Laboratory References:

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

QC Sample Results

Client: Conestoga-Rovers & Associates, Inc.
 Project/Site: 1784 150th Ave., San Leandro, CA

TestAmerica Job ID: 440-24253-1

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

Lab Sample ID: MB 440-55692/4

Client Sample ID: Method Blank

Matrix: Water

Prep Type: Total/NA

Analysis Batch: 55692

Analyte	MB MB		RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
Benzene	ND		0.50		ug/L			09/29/12 22:03	1
Toluene	ND		0.50		ug/L			09/29/12 22:03	1
Ethylbenzene	ND		0.50		ug/L			09/29/12 22:03	1
Xylenes, Total	ND		1.0		ug/L			09/29/12 22:03	1
Methyl-t-Butyl Ether (MTBE)	ND		0.50		ug/L			09/29/12 22:03	1
tert-Butyl alcohol (TBA)	ND		10		ug/L			09/29/12 22:03	1
Isopropyl Ether (DIPE)	ND		0.50		ug/L			09/29/12 22:03	1
Ethyl-t-butyl ether (ETBE)	ND		0.50		ug/L			09/29/12 22:03	1
Tert-amyl-methyl ether (TAME)	ND		0.50		ug/L			09/29/12 22:03	1
1,2-Dichloroethane	ND		0.50		ug/L			09/29/12 22:03	1

Surrogate	MB MB		Limits	Prepared	Analyzed	Dil Fac
	%Recovery	Qualifier				
4-Bromofluorobenzene (Surr)	97		80 - 120		09/29/12 22:03	1
Dibromofluoromethane (Surr)	95		80 - 120		09/29/12 22:03	1
Toluene-d8 (Surr)	97		80 - 120		09/29/12 22:03	1

Lab Sample ID: LCS 440-55692/5

Client Sample ID: Lab Control Sample

Matrix: Water

Prep Type: Total/NA

Analysis Batch: 55692

Analyte	Spike Added	LCS LCS		Unit	D	%Rec	%Rec. Limits
		Result	Qualifier				
Benzene	25.0	19.3		ug/L		77	70 - 120
Toluene	25.0	21.6		ug/L		87	70 - 120
Ethylbenzene	25.0	25.7		ug/L		103	75 - 125
m,p-Xylene	50.0	49.2		ug/L		98	75 - 125
Methyl-t-Butyl Ether (MTBE)	25.0	21.2		ug/L		85	60 - 135
o-Xylene	25.0	24.4		ug/L		98	75 - 125
tert-Butyl alcohol (TBA)	125	144		ug/L		116	70 - 135
Isopropyl Ether (DIPE)	25.0	24.1		ug/L		96	60 - 135
Ethyl-t-butyl ether (ETBE)	25.0	22.4		ug/L		90	65 - 135
Tert-amyl-methyl ether (TAME)	25.0	19.8		ug/L		79	60 - 135
1,2-Dichloroethane	25.0	27.7		ug/L		111	60 - 140

Surrogate	LCS LCS		Limits
	%Recovery	Qualifier	
4-Bromofluorobenzene (Surr)	96		80 - 120
Dibromofluoromethane (Surr)	99		80 - 120
Toluene-d8 (Surr)	97		80 - 120

Lab Sample ID: 440-24253-1 MS

Client Sample ID: MW-1A

Matrix: Water

Prep Type: Total/NA

Analysis Batch: 55692

Analyte	Sample Result	Sample Qualifier	Spike Added	MS MS		Unit	D	%Rec	%Rec. Limits
				Result	Qualifier				
Benzene	ND		25.0	19.6		ug/L		77	65 - 125
Toluene	ND		25.0	21.9		ug/L		87	70 - 125
Ethylbenzene	ND		25.0	24.9		ug/L		100	65 - 130
m,p-Xylene	ND		50.0	48.7		ug/L		97	65 - 130
Methyl-t-Butyl Ether (MTBE)	2.7		25.0	24.7		ug/L		88	55 - 145
o-Xylene	ND		25.0	23.8		ug/L		95	65 - 125

QC Sample Results

Client: Conestoga-Rovers & Associates, Inc.
 Project/Site: 1784 150th Ave., San Leandro, CA

TestAmerica Job ID: 440-24253-1

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

Lab Sample ID: 440-24253-1 MS

Client Sample ID: MW-1A

Matrix: Water

Prep Type: Total/NA

Analysis Batch: 55692

Analyte	Sample	Sample	Spike	MS	MS	Unit	D	%Rec	%Rec.
	Result	Qualifier	Added	Result	Qualifier				
tert-Butyl alcohol (TBA)	46		125	194		ug/L		119	65 - 140
Isopropyl Ether (DIPE)	ND		25.0	24.8		ug/L		99	60 - 140
Ethyl-t-butyl ether (ETBE)	ND		25.0	23.0		ug/L		92	60 - 135
Tert-amyl-methyl ether (TAME)	ND		25.0	21.1		ug/L		84	60 - 140
1,2-Dichloroethane	ND		25.0	26.7		ug/L		107	60 - 140

Surrogate	MS	MS	Limits
	%Recovery	Qualifier	
4-Bromofluorobenzene (Surr)	97		80 - 120
Dibromofluoromethane (Surr)	99		80 - 120
Toluene-d8 (Surr)	96		80 - 120

Lab Sample ID: 440-24253-1 MSD

Client Sample ID: MW-1A

Matrix: Water

Prep Type: Total/NA

Analysis Batch: 55692

Analyte	Sample	Sample	Spike	MSD	MSD	Unit	D	%Rec	%Rec.	RPD	Limit
	Result	Qualifier	Added	Result	Qualifier						
Benzene	ND		25.0	20.4		ug/L		80	65 - 125	4	20
Toluene	ND		25.0	22.6		ug/L		90	70 - 125	3	20
Ethylbenzene	ND		25.0	25.6		ug/L		103	65 - 130	3	20
m,p-Xylene	ND		50.0	50.3		ug/L		101	65 - 130	3	25
Methyl-t-Butyl Ether (MTBE)	2.7		25.0	25.7		ug/L		92	55 - 145	4	25
o-Xylene	ND		25.0	25.0		ug/L		100	65 - 125	5	20
tert-Butyl alcohol (TBA)	46		125	193		ug/L		118	65 - 140	1	25
Isopropyl Ether (DIPE)	ND		25.0	25.6		ug/L		102	60 - 140	3	25
Ethyl-t-butyl ether (ETBE)	ND		25.0	23.7		ug/L		95	60 - 135	3	25
Tert-amyl-methyl ether (TAME)	ND		25.0	21.9		ug/L		88	60 - 140	4	30
1,2-Dichloroethane	ND		25.0	27.3		ug/L		109	60 - 140	2	20

Surrogate	MSD	MSD	Limits
	%Recovery	Qualifier	
4-Bromofluorobenzene (Surr)	96		80 - 120
Dibromofluoromethane (Surr)	102		80 - 120
Toluene-d8 (Surr)	97		80 - 120

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

Lab Sample ID: MB 440-55693/4

Client Sample ID: Method Blank

Matrix: Water

Prep Type: Total/NA

Analysis Batch: 55693

Analyte	MB	MB	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
Volatile Fuel Hydrocarbons (C4-C12)	ND		50		ug/L			09/29/12 22:03	1

Surrogate	MB	MB	Limits	Prepared	Analyzed	Dil Fac
	%Recovery	Qualifier				
Dibromofluoromethane (Surr)	95		80 - 120		09/29/12 22:03	1
4-Bromofluorobenzene (Surr)	97		80 - 120		09/29/12 22:03	1
Toluene-d8 (Surr)	97		80 - 120		09/29/12 22:03	1

QC Sample Results

Client: Conestoga-Rovers & Associates, Inc.
 Project/Site: 1784 150th Ave., San Leandro, CA

TestAmerica Job ID: 440-24253-1

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

Lab Sample ID: LCS 440-55693/6

Matrix: Water

Analysis Batch: 55693

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Volatile Fuel Hydrocarbons (C4-C12)	500	569		ug/L		114	55 - 130
Surrogate		LCS %Recovery	LCS Qualifier				Limits
Dibromofluoromethane (Surr)		99					80 - 120
4-Bromofluorobenzene (Surr)		101					80 - 120
Toluene-d8 (Surr)		98					80 - 120

Lab Sample ID: 440-24253-1 MS

Matrix: Water

Analysis Batch: 55693

Client Sample ID: MW-1A

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Volatile Fuel Hydrocarbons (C4-C12)	310		1730	1710		ug/L		81	50 - 145
Surrogate		MS %Recovery		MS Qualifier					Limits
Dibromofluoromethane (Surr)		99							80 - 120
4-Bromofluorobenzene (Surr)		97							80 - 120
Toluene-d8 (Surr)		96							80 - 120

Lab Sample ID: 440-24253-1 MSD

Matrix: Water

Analysis Batch: 55693

Client Sample ID: MW-1A

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Volatile Fuel Hydrocarbons (C4-C12)	310		1730	1700		ug/L		81	50 - 145	1	20
Surrogate		MSD %Recovery		MSD Qualifier					Limits		
Dibromofluoromethane (Surr)		102							80 - 120		
4-Bromofluorobenzene (Surr)		96							80 - 120		
Toluene-d8 (Surr)		97							80 - 120		

Lab Sample ID: MB 440-55783/4

Matrix: Water

Analysis Batch: 55783

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Volatile Fuel Hydrocarbons (C4-C12)	ND		50		ug/L			10/01/12 09:04	1
Surrogate		MB %Recovery		MB Qualifier			Prepared	Analyzed	Dil Fac
Dibromofluoromethane (Surr)		97						10/01/12 09:04	1
4-Bromofluorobenzene (Surr)		95						10/01/12 09:04	1
Toluene-d8 (Surr)		96						10/01/12 09:04	1

QC Sample Results

Client: Conestoga-Rovers & Associates, Inc.
 Project/Site: 1784 150th Ave., San Leandro, CA

TestAmerica Job ID: 440-24253-1

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

Lab Sample ID: LCS 440-55783/6

Client Sample ID: Lab Control Sample

Matrix: Water

Prep Type: Total/NA

Analysis Batch: 55783

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Volatile Fuel Hydrocarbons (C4-C12)	500	567		ug/L		113	55 - 130
Surrogate		LCS %Recovery	LCS Qualifier				Limits
Dibromofluoromethane (Surr)		100					80 - 120
4-Bromofluorobenzene (Surr)		97					80 - 120
Toluene-d8 (Surr)		98					80 - 120

Lab Sample ID: 440-24252-B-19 MS

Client Sample ID: Matrix Spike

Matrix: Water

Prep Type: Total/NA

Analysis Batch: 55783

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Volatile Fuel Hydrocarbons (C4-C12)	370		1730	1930		ug/L		90	50 - 145
Surrogate				MS %Recovery	MS Qualifier				Limits
Dibromofluoromethane (Surr)				101					80 - 120
4-Bromofluorobenzene (Surr)				98					80 - 120
Toluene-d8 (Surr)				97					80 - 120

Lab Sample ID: 440-24252-B-19 MSD

Client Sample ID: Matrix Spike Duplicate

Matrix: Water

Prep Type: Total/NA

Analysis Batch: 55783

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Volatile Fuel Hydrocarbons (C4-C12)	370		1730	1820		ug/L		84	50 - 145	6	20
Surrogate				MSD %Recovery	MSD Qualifier				Limits		
Dibromofluoromethane (Surr)				100					80 - 120		
4-Bromofluorobenzene (Surr)				94					80 - 120		
Toluene-d8 (Surr)				97					80 - 120		

QC Association Summary

Client: Conestoga-Rovers & Associates, Inc.
 Project/Site: 1784 150th Ave., San Leandro, CA

TestAmerica Job ID: 440-24253-1

GC/MS VOA

Analysis Batch: 55692

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
440-24253-1	MW-1A	Total/NA	Water	8260B	
440-24253-1 MS	MW-1A	Total/NA	Water	8260B	
440-24253-1 MSD	MW-1A	Total/NA	Water	8260B	
440-24253-2	MW-1B	Total/NA	Water	8260B	
440-24253-3	MW-2B	Total/NA	Water	8260B	
440-24253-4	MW-5	Total/NA	Water	8260B	
440-24253-5	MW-6	Total/NA	Water	8260B	
440-24253-6	MW-7	Total/NA	Water	8260B	
440-24253-7	MW-8	Total/NA	Water	8260B	
440-24253-8	MW-9	Total/NA	Water	8260B	
440-24253-9	MW-10	Total/NA	Water	8260B	
440-24253-10	MW-11	Total/NA	Water	8260B	
440-24253-11	MW-12	Total/NA	Water	8260B	
440-24253-12	MW-13	Total/NA	Water	8260B	
440-24253-13	EW-1	Total/NA	Water	8260B	
440-24253-14	EW-2	Total/NA	Water	8260B	
LCS 440-55692/5	Lab Control Sample	Total/NA	Water	8260B	
MB 440-55692/4	Method Blank	Total/NA	Water	8260B	

Analysis Batch: 55693

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
440-24253-1	MW-1A	Total/NA	Water	8260B/CA_LUFT MS	
440-24253-1 MS	MW-1A	Total/NA	Water	8260B/CA_LUFT MS	
440-24253-1 MSD	MW-1A	Total/NA	Water	8260B/CA_LUFT MS	
440-24253-2	MW-1B	Total/NA	Water	8260B/CA_LUFT MS	
440-24253-3	MW-2B	Total/NA	Water	8260B/CA_LUFT MS	
440-24253-4	MW-5	Total/NA	Water	8260B/CA_LUFT MS	
440-24253-5	MW-6	Total/NA	Water	8260B/CA_LUFT MS	
440-24253-8	MW-9	Total/NA	Water	8260B/CA_LUFT MS	
440-24253-9	MW-10	Total/NA	Water	8260B/CA_LUFT MS	
440-24253-10	MW-11	Total/NA	Water	8260B/CA_LUFT MS	
440-24253-11	MW-12	Total/NA	Water	8260B/CA_LUFT MS	
440-24253-12	MW-13	Total/NA	Water	8260B/CA_LUFT MS	
440-24253-13	EW-1	Total/NA	Water	8260B/CA_LUFT MS	
440-24253-14	EW-2	Total/NA	Water	8260B/CA_LUFT MS	
LCS 440-55693/6	Lab Control Sample	Total/NA	Water	8260B/CA_LUFT MS	
MB 440-55693/4	Method Blank	Total/NA	Water	8260B/CA_LUFT MS	

QC Association Summary

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 1784 150th Ave., San Leandro, CA

TestAmerica Job ID: 440-24253-1

GC/MS VOA (Continued)

Analysis Batch: 55783

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
440-24252-B-19 MS	Matrix Spike	Total/NA	Water	8260B/CA_LUFT MS	
440-24252-B-19 MSD	Matrix Spike Duplicate	Total/NA	Water	8260B/CA_LUFT MS	
440-24253-6	MW-7	Total/NA	Water	8260B/CA_LUFT MS	
440-24253-7	MW-8	Total/NA	Water	8260B/CA_LUFT MS	
LCS 440-55783/6	Lab Control Sample	Total/NA	Water	8260B/CA_LUFT MS	
MB 440-55783/4	Method Blank	Total/NA	Water	8260B/CA_LUFT MS	

Definitions/Glossary

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 1784 150th Ave., San Leandro, CA

TestAmerica Job ID: 440-24253-1

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)

Certification Summary

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 1784 150th Ave., San Leandro, CA

TestAmerica Job ID: 440-24253-1

Laboratory: TestAmerica Irvine

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

Authority	Program	EPA Region	Certification ID	Expiration Date
Arizona	State Program	9	AZ0671	10-13-12
California	LA Cty Sanitation Districts	9	10256	01-31-13
California	NELAC	9	1108CA	01-31-13
California	State Program	9	2706	06-30-14
Guam	State Program	9	Cert. No. 12.002r	01-23-13
Hawaii	State Program	9	N/A	01-31-13
Nevada	State Program	9	CA015312007A	07-31-13
New Mexico	State Program	6	N/A	01-31-13
Northern Mariana Islands	State Program	9	MP0002	01-31-13
Oregon	NELAC	10	4005	09-12-13
USDA	Federal		P330-09-00080	06-06-14

Login Sample Receipt Checklist

Client: Conestoga-Rovers & Associates, Inc.

Job Number: 440-24253-1

Login Number: 24253

List Source: TestAmerica Irvine

List Number: 1

Creator: Freitag, Kevin R

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