CONESTOGA-ROVERS & ASSOCIATES

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

TRANSMITTAL

DATE: May 12, 2011

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

RECEIVED
11:18 am, May 13, 2011
Alameda County
Environmental Health

Please find enclosed:
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QUANTITY	DESCRIPTION
1	Groundwater Monitoring Report – First Quarter 2011

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

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

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

Completed by: Peter Schaefer Signed: Peter Schaefer

Filing: **Correspondence File**

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

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

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,

Denis L. Brown
Senior Program Manager

GROUNDWATER MONITORING REPORT – FIRST QUARTER 2011

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

SAP CODE 136019
INCIDENT NO. 98996068
AGENCY NO. RO0000367

Prepared by:
Conestoga-Rovers & Associates

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MAY 12, 2011
REF. NO. 240612 (21)
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LIST OF APPENDICES

1.0 INTRODUCTION

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

1.1 SITE INFORMATION

Site Address	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 April 4, 2011.

2.0 SITE ACTIVITIES, FINDINGS, AND DISCUSSION

2.1 CURRENT QUARTER'S ACTIVITIES

CRA's January 27, 2011 *Soil Vapor Probe Installation and Sampling Report* provided details of the installation of two soil vapor probes (SVP-6 and SVP-7), reinstallation of one soil vapor probe (SVP-4), and results from our November 2, 2010 soil vapor sampling event. Reinstalled soil vapor probe SVP-4 could not be sampled during this sampling event because it contained water.

CRA's January 31, 2011 *Air Sparge and Soil Vapor Extraction Well Installation and Pilot Test Report* provided details of the installation of a soil vapor extraction well (SVE-1) and results of our November 2010 air sparge and soil vapor extraction (AS/SVE) pilot test. The test results demonstrated that AS/SVE is not feasible.

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	Variable
Hydraulic Gradient	Variable
Depth to Water	11.08 to 23.17 feet below top of well casing

2.3 PROPOSED ACTIVITIES

On May 6, 2011, CRA conducted a soil vapor sampling event as requested in Alameda County Environmental Health's April 4, 2011 letter. Soil vapor probes SVP-4 and SVP-5 could not be sampled during this sampling event because they contained water. CRA will submit a soil vapor sampling report by July 16, 2011.

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

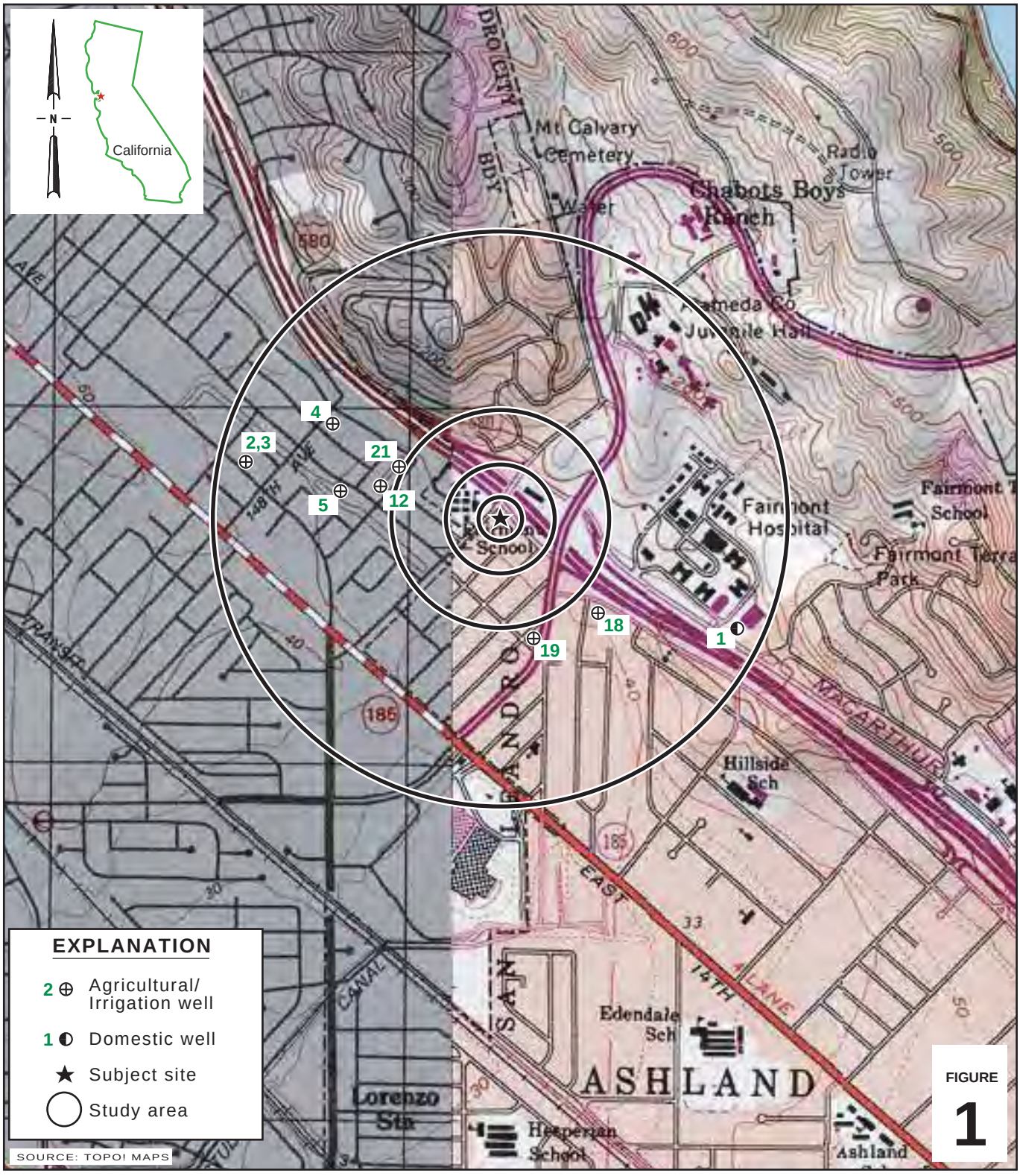
All of Which is Respectfully Submitted,
CONESTOGA-ROVERS & ASSOCIATES

Peter Schaefer, CHG, CEG

Aubrey K. Cool, PG

FIGURES

11/03/08



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0 1/8 1/4 1/2 1

SCALE : 1" = 1/4 MILE

FIGURE 1

Shell-branded Service Station

1784 150th Avenue

San Leandro, California

CONESTOGA-ROVERS & ASSOCIATES

Vicinity Map

05/11/2011

Groundwater Contour and Chemical Concentration Map

March 18, 2011

EXPLANATION

- **SVE-1** Soil vapor extraction well location
- **SVP-6** Soil vapor probe location
- **AS-1** Air sparge well location
- **P-1A** Piezometer location
- **P-1B*** Deeper piezometer location (not used in contouring)
- **EW-1** Extraction well location
- **MW-3** Monitoring well location
- **MW-1B*** Deeper monitoring well location (not used in contouring)
- **MW-1** Destroyed well location
- **XX.XX** Groundwater elevation contour, in feet above mean sea level (msl)

Well
ELEV
Benzene
MTBE

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

Notes:

NA = Not available; gauged and sampled March 31, 2011

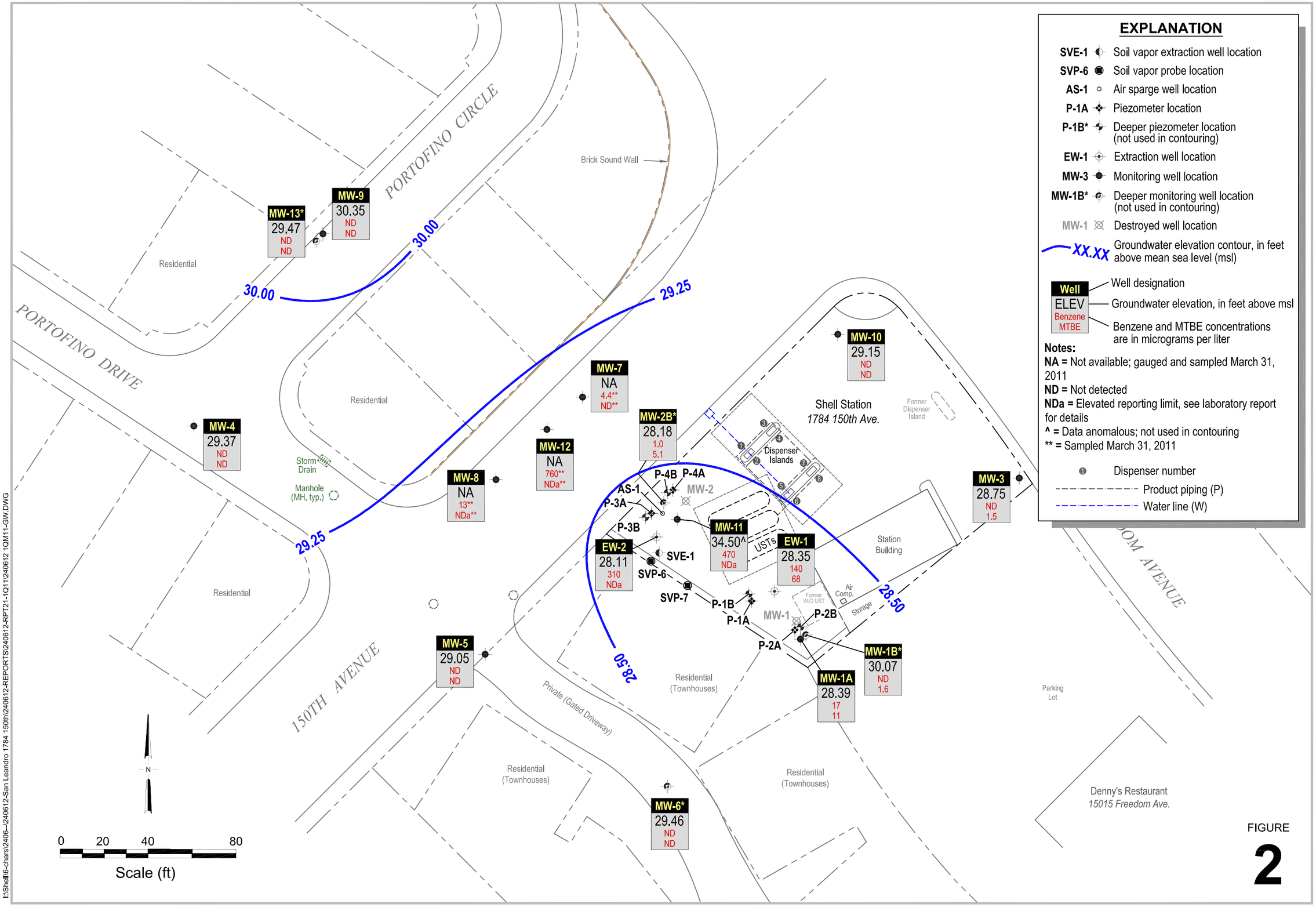
ND = Not detected

NDa = Elevated reporting limit, see laboratory report for details

^ = Data anomalous; not used in contouring

**** =** Sampled March 31, 2011

- ❶ Dispenser number
- Product piping (P)
- Water line (W)



FIGURE

2

Shell-branded Service Station

1784 150th Avenue

San Leandro, California

CONESTOGA-ROVERS & ASSOCIATES

I:\Shell\6-chars\2406--\240612-San Leandro 1784 150th\240612-REPORTS\240612-RPT21-1Q11\240612 1QM11-GW.DWG

TABLE

TABLE 1

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

Well ID	*Date*	*TPPH (ug/L)*	*TEPH (ug/L)*	*B (ug/L)*	*T (ug/L)*	*E (ug/L)*	*X (ug/L)*	*MTBE 8020 (ug/L)*	*MTBE 8260 (ug/L)*	*DIPE (ug/L)*	*ETBE (ug/L)*	*TAME (ug/L)*	*TBA (ug/L)*	*1,2-DCA (ug/L)*	*EDB (ug/L)*	*TOC (MSL)*	*Depth to Water (ft.)*	*GW Elevation (MSL)*	*SPH Thickness (ft.)*	*DO Reading (ppm)*
EW-1	9/15/2008	---	---	---	---	---	---	---	---	---	---	---	---	---	---	48.44	23.26	25.18	---	---
EW-1	1/6/2009	43,000	---	1,600	860	1,500	3,800	---	500	---	---	---	---	---	---	48.44	22.51	25.93	---	0.18
EW-1	3/10/2009	39,000	---	2,500	1,300	1,700	5,300	---	390	---	---	---	---	---	---	48.44	19.58	28.86	---	1.21
EW-1	6/3/2009	26,000	---	540	220	1,300	2,600	---	210	---	---	---	---	---	---	48.44	21.80	26.64	---	1.09
EW-1	9/30/2009	48,000	---	390	140	1,900	4,200	---	210	<40	<40	<40	740	---	---	48.44	23.74	24.70	---	0.09
EW-1	3/5/2010	28,000	---	1,300	260	1,000	1,900	---	200	---	---	---	---	---	---	48.44	19.13	29.31	---	1.22
EW-1	9/16/2010	35,000	---	2,400	650	1,700	2,300	---	290	<20	<20	<20	650	---	---	48.44	22.07	26.37	---	0.21
EW-1	**3/18/2011**	**9,300**	**---**	**140**	**23**	**490**	**680**	**---**	**68**	**---**	**---**	**---**	**---**	**---**	**---**	**48.44**	**20.09**	**28.35**	**---**	**0.30**
EW-2	9/15/2008	---	---	---	---	---	---	---	---	---	---	---	---	---	---	44.52	19.35	25.17	---	---
EW-2	1/6/2009	85,000	---	970	1,400	3,200	20,000	---	150	---	---	---	---	---	---	44.52	18.63	25.89	---	0.22
EW-2	3/10/2009	67,000	---	190	650	3,100	21,000	---	<100	---	---	---	---	---	---	44.52	16.21	28.31	---	0.76
EW-2	6/3/2009	62,000	---	560	490	3,000	18,000	---	<100	---	---	---	---	---	---	44.52	17.90	26.62	---	0.03
EW-2	9/30/2009	67,000	9,700 t, u	480	330	3,300	17,000	---	110	<100	<100	<100	540	---	---	44.52	19.84	24.68	---	0.20
EW-2	3/5/2010	63,000	---	150	320	2,400	13,000	---	64	---	---	---	---	---	---	44.52	15.10	29.42	---	0.21
EW-2	9/16/2010	42,000	---	160	670	2,400	12,000	---	60	<50	<50	<50	330	---	---	44.52	18.25	26.27	---	0.22
EW-2	**3/18/2011**	**44,000**	**---**	**310**	**1,100**	**2,700**	**14,000**	**---**	**<50**	**---**	**---**	**---**	**---**	**---**	**---**	**44.52**	**16.41**	**28.11**	**---**	**0.31**
MW-1	3/8/1990	510	120	1.5	0.8	<0.5	5.4	---	---	---	---	---	---	---	---	49.13	25.29	23.84	---	---
MW-1	6/12/1990	390	100	86	1.3	0.7	6.2	---	---	---	---	---	---	---	---	49.13	25.85	23.28	---	---
MW-1	9/13/1990	100	130	56	0.75	2.4	2.8	---	---	---	---	---	---	---	---	49.13	27.49	21.64	---	---
MW-1	12/18/1990	480	<50	54	1.7	3.3	3.7	---	---	---	---	---	---	---	---	49.13	27.41	21.72	---	---
MW-1	3/7/1991	80	<50	266	<0.5	1.2	<1.5	---	---	---	---	---	---	---	---	49.13	25.79	23.34	---	---
MW-1	6/7/1991	510	<50	130	3.8	6.1	11	---	---	---	---	---	---	---	---	49.13	25.64	23.49	---	---
MW-1	9/17/1991	330	120 a	67	<0.5	3.0	2.2	---	---	---	---	---	---	---	---	49.13	27.54	21.59	---	---
MW-1	12/9/1991	140a	80	<0.5	<0.5	1.7	4.7	---	---	---	---	---	---	---	---	49.13	27.81	21.32	---	---
MW-1	2/13/1992	---	---	---	---	---	---	---	---	---	---	---	---	---	---	49.13	25.57	23.56	---	---
MW-1	2/24/1992	---	---	---	---	---	---	---	---	---	---	---	---	---	---	49.13	22.83	26.30	---	---
MW-1	2/27/1992	---	---	---	---	---	---	---	---	---	---	---	---	---	---	49.13	23.09	26.04	---	---
MW-1	3/1/1992	<50	<50	<0.5	<0.5	<0.5	<0.5	---	---	---	---	---	---	---	---	49.13	23.26	25.87	---	---
MW-1	6/3/1992	1,500	---	520	180	72	230	---	---	---	---	---	---	---	---	49.13	24.64	24.49	---	---
MW-1	9/1/1992	130	---	16	1.4	1.8	3.4	---	---	---	---	---	---	---	---	49.13	26.74	22.39	---	---
MW-1	10/6/1992	---	---	---	---	---	---	---	---	---	---	---	---	---	---	49.13	27.18	21.95	---	---
MW-1	11/11/1992	---	---	---	---	---	---	---	---	---	---	---	---	---	---	49.13	27.99	21.14	---	---

TABLE 1

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

Well ID	*Date*	*TPPH (ug/L)*	*TEPH (ug/L)*	*B (ug/L)*	*T (ug/L)*	*E (ug/L)*	*X (ug/L)*	*MTBE 8020 (ug/L)*	*MTBE 8260 (ug/L)*	*DIPE (ug/L)*	*ETBE (ug/L)*	*TAME (ug/L)*	*TBA (ug/L)*	*1,2-DCA (ug/L)*	*EDB (ug/L)*	*TOC (MSL)*	*Depth to Water (ft.)*	*GW Elevation (MSL)*	*SPH Thickness (ft.)*	*DO Reading (ppm)*
MW-1	12/4/1992	150	---	360	0.7	1.8	2.1	---	---	---	---	---	---	---	---	49.13	27.14	21.99	---	---
MW-1	1/22/1993	---	---	---	---	---	---	---	---	---	---	---	---	---	---	49.13	20.09	29.04	---	---
MW-1	2/10/1993	---	---	---	---	---	---	---	---	---	---	---	---	---	---	49.13	24.26	24.87	---	---
MW-1	3/3/1993	<50	---	1.5	<0.5	<0.5	<0.5	---	---	---	---	---	---	---	---	49.13	20.50	28.63	---	---
MW-1	5/11/1993	---	---	---	---	---	---	---	---	---	---	---	---	---	---	49.13	21.70	27.43	---	---
MW-1	6/17/1993	1,600	---	340	120	120	440	---	---	---	---	---	---	---	---	49.13	22.42	26.71	---	---
MW-1	9/10/1993	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	3/3/1994	16,000	---	700	690	480	3,200	---	---	---	---	---	---	---	---	49.13	22.08	27.05	---	---
MW-1	6/6/1994	7,500	---	420	280	200	1,000	---	---	---	---	---	---	---	---	49.13	23.10	26.03	---	---
MW-1	9/12/1994	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	2/28/1995	500	---	59	32	6.8	68	---	---	---	---	---	---	---	---	49.13	20.90	28.23	---	---
MW-1	3/24/1995	---	---	---	---	---	---	---	---	---	---	---	---	---	---	49.13	18.28	30.85	---	---
MW-1	6/26/1995	5,500	---	740	420	300	1,800	---	---	---	---	---	---	---	---	49.13	20.40	28.73	---	---
MW-1	9/13/1995	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	3/7/1996	---	---	---	---	---	---	---	---	---	---	---	---	---	---	49.13	18.83	30.34	0.05	---
MW-1	6/28/1996	270,000	---	2,800	820	1,000	16,000	<0.5	---	---	---	---	---	---	---	49.13	21.46	27.67	---	---
MW-1 (D)	6/28/1996	790,000	---	2,200	780	1,000	13,000	15,000	---	---	---	---	---	---	---	49.13	21.46	27.67	---	---
MW-1	9/26/1996	29,000	---	1,100	260	270	1,900	<1,000	---	---	---	---	---	---	---	49.13	23.57	25.57	0.01	---
MW-1	9/26/1996	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	21.43	27.70	---	1.0
MW-1	3/10/1997	4,200	---	13	8.8	16	74	<12	---	---	---	---	---	---	---	49.13	20.08	29.05	---	2.0
MW-1 (D)	3/10/1997	5,100	---	12	8.9	17	79	<25	---	---	---	---	---	---	---	49.13	20.08	29.05	---	2.0
MW-1	6/30/1997	5,700	---	320	120	140	700	47	---	---	---	---	---	---	---	49.13	21.68	27.45	---	1.6
MW-1 (D)	6/30/1997	5,300	---	300	95	120	580	45	---	---	---	---	---	---	---	49.13	21.68	27.45	---	1.6
MW-1	9/12/1997	6,300	---	120	26	82	260	30	---	---	---	---	---	---	---	49.13	21.78	27.35	---	2.1
MW-1 b	12/18/1997	---	---	---	---	---	---	---	---	---	---	---	---	---	---	49.13	20.78	28.35	---	1.3
MW-1	2/2/1998	84	---	5.1	<0.50	<0.50	2.1	2.5	---	---	---	---	---	---	---	49.13	19.65	29.48	---	2.0
MW-1	6/24/1998	13,000	---	3,000	260	410	1,400	<250	---	---	---	---	---	---	---	49.13	19.65	29.48	---	2.5
MW-1 (D)	6/24/1998	12,000	---	3,800	250	47	1,400	710	---	---	---	---	---	---	---	49.13	19.65	29.48	---	2.5
MW-1	8/26/1998	3,100	---	1,200	27	170	50	88	---	---	---	---	---	---	---	49.13	20.49	28.64	---	2.1

TABLE 1

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

Well ID	*Date*	*TPPH (ug/L)*	*TEPH (ug/L)*	*B (ug/L)*	*T (ug/L)*	*E (ug/L)*	*X (ug/L)*	*MTBE 8020 (ug/L)*	*MTBE 8260 (ug/L)*	*DIPE (ug/L)*	*ETBE (ug/L)*	*TAME (ug/L)*	*TBA (ug/L)*	*1,2-DCA (ug/L)*	*EDB (ug/L)*	*TOC (MSL)*	*Depth to Water (ft.)*	*GW Elevation (MSL)*	*SPH Thickness (ft.)*	*DO Reading (ppm)*
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	3/1/1999	22,300	---	2,540	436	753	3,370	<400	---	---	---	---	---	---	---	49.13	19.27	29.86	---	1.8
MW-1	6/14/1999	18,800	---	6,820	210	436	958	1,360	---	---	---	---	---	---	---	49.13	20.80	28.33	---	2.2
MW-1	9/28/1999	21,500	---	7,470	281	467	927	1,800	---	---	---	---	---	---	---	49.13	22.55	26.58	---	2.0
MW-1	12/8/1999	22,300	---	6,140	135	256	367	232	---	---	---	---	---	---	---	49.13	23.12	26.01	---	2.1
MW-1	3/14/2000	6,690	---	1,880	63.5	134	307	460	---	---	---	---	---	---	---	49.13	18.87	30.26	---	2.3
MW-1	6/28/2000	8,080	---	2,690	85.1	149	514	701	---	---	---	---	---	---	---	49.13	21.12	28.01	---	2.4
MW-1	9/6/2000	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*	---	---	---	---	---	---	49.13	22.60	26.53	---	2.0
MW-1	3/5/2001	7,520	---	2,120	66.0	107	129	668	---	---	---	---	---	---	---	49.13	20.06	29.07	---	0.4
MW-1	6/11/2001	30,000	---	7,400	390	600	2,300	---	170	---	---	---	---	---	---	49.13	22.39	26.74	---	1.6
MW-1	9/12/2001	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	2/27/2002	26,000	---	6,100	330	510	2,000	---	210	---	---	---	---	---	---	49.10	20.47	28.63	---	1.3
MW-1	6/18/2002	29,000	---	8,100	280	510	1,800	---	140	---	---	---	---	---	---	49.10	21.99	27.11	---	2.2
MW-1	9/18/2002	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	<5.0	<5.0	<5.0	310	31	<5.0	49.10	20.10	29.00	---	0.6
MW-1	3/5/2003	17,000	---	1,600	88	400	1,400	---	230	---	---	<10	290	<10	---	49.10	21.05	28.05	---	1.7
MW-1	6/24/2003	Well inaccessible		---	---	---	---	---	---	---	---	---	---	---	---	49.10	---	---	---	---
MW-1	6/25/2003	14,000	---	5,300	250	440	2,100	---	100	---	---	<200	<500	<50	---	49.10	21.93	27.17	---	0.9
MW-1	9/25/2003	33,000	---	7,700	250	860	3,400	---	130	---	---	<200	<500	<50	---	49.10	23.21	25.89	---	1.7
MW-1	12/15/2003	63,000	---	14,000	360	1,300	3,900	---	150	---	---	<400	<1000	<100	---	49.10	22.08	27.02	---	1.5
MW-1	3/4/2004	28,000	---	8,000	180	640	2,100	---	79	---	---	<200	<500	<50	---	49.10	19.85	29.25	---	0.2
MW-1	5/27/2004	33,000	---	8,700	260	840	2,700	---	81	---	---	<200	<500	<50	---	49.10	22.15	26.95	---	0.2
MW-1	9/24/2004	26,000	---	5,700	210	830	2,900	---	<50	<200	<200	<200	<500	<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	---	---	<200	<500	<50	---	49.10	23.19	25.91	---	---
MW-1	3/2/2005	110,000	---	1,300	670	4,000	23,000	---	87	---	---	<100	<500	<25	---	49.10	19.35	29.75	---	---
MW-1	6/30/2005	94,000	---	6,500	1,100	3,900	21,000	---	900	---	---	<1,000	<2,500	<250	---	49.10	20.64	28.46	---	0.6
MW-1	9/20/2005	63,000	---	3,900	540	2,000	14,000	---	1,100	<800	<800	<800	<2,000	<200	---	49.10	22.06	27.04	---	---
MW-1	12/5/2005	---	---	---	---	---	---	---	---	---	---	---	---	---	---	49.10	21.90	27.25	0.06	---
MW-1	3/2/2006	---	---	---	---	---	---	---	---	---	---	---	---	---	---	49.10	17.54	31.60	0.05	---
MW-1 (n)	6/29/2006	---	---	---	---	---	---	---	---	---	---	---	---	---	---	49.10	---	---	---	---
MW-1 (o)	6/30/2006	---	---	---	---	---	---	---	---	---	---	---	---	---	---	49.10	20.16	28.97	0.04	---
MW-1	7/6/2006	---	---	---	---	---	---	---	---	---	---	---	---	---	---	49.10	20.26	28.86	0.03	---

TABLE 1

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

Well ID	*Date*	*TPPH (ug/L)*	*TEPH (ug/L)*	*B (ug/L)*	*T (ug/L)*	*E (ug/L)*	*X (ug/L)*	*MTBE 8020 (ug/L)*	*MTBE 8260 (ug/L)*	*DIPE (ug/L)*	*ETBE (ug/L)*	*TAME (ug/L)*	*TBA (ug/L)*	*1,2-DCA (ug/L)*	*EDB (ug/L)*	*TOC (MSL)*	*Depth to Water (ft.)*	*GW Elevation (MSL)*	*SPH Thickness (ft.)*	*DO Reading (ppm)*
MW-1	9/11/2006	---	---	---	---	---	---	---	---	---	---	---	---	---	---	49.10	21.24	27.91	0.06	---
MW-1	12/28/2006	---	---	---	---	---	---	---	---	---	---	---	---	---	---	49.10	20.83	28.30	0.04	---
MW-1	3/20/2007	43,600	---	11,900 l	348 l	964 l	1,450 l	---	9,180 l	---	---	<200 l	<10,000 l	<100 l	---	49.10	20.88	28.22	---	0.26
MW-1	6/1/2007	22,000 q	---	7,900	120	310	424 r	---	7,800	---	---	---	---	---	---	49.10	21.93	27.17	---	0.72
MW-1	6/26/2007	20,000 q	---	6,700	110	360	730	---	6,500	---	---	<200	2,200	<50	---	49.10	22.30	26.80	---	1.33
MW-1	7/19/2007	26,000 q	---	6,100	92 r	180	523 r	---	7,100	---	---	---	---	---	---	49.10	22.70	26.40	---	2.89
MW-1	8/14/2007	44,000 q	---	6,300	130	910	4,100	---	6,300	---	---	---	---	---	---	49.10	22.90	26.20	---	1.9
MW-1	9/11/2007	38,000 q	---	8,100	140	670	1,770	---	5,700	<100	<100	<100	3,000	<25	---	49.10	23.65	25.45	---	0.84
MW-1	10/26/2007	40,000 q	---	9,500	120	540	1,370	---	6,300	---	---	---	---	---	---	49.10	23.04	26.06	---	0.9
MW-1	11/13/2007	36,000 q	---	8,400	110	480	1,400	---	7,100	---	---	---	---	---	---	49.10	22.99	26.11	---	0.30
MW-1	12/26/2007	33,000 q	---	8,600	120	550	1,330	---	5,300	---	---	<100	2,500	<25	---	49.10	22.37	26.73	---	0.5
MW-1	1/3/2008	42,000 q	---	9,900	170	810	2,140	---	5,300	---	---	---	---	---	---	49.10	22.53	26.57	---	1.63
MW-1	2/21/2008	32,000 q	---	9,900	540	1,100	2,260	---	5,500	---	---	---	---	---	---	49.10	20.42	28.68	---	2.1
MW-1	3/19/2008	41,000 q	---	9,900	620	1,300	2,280	---	5,600	---	---	---	6,900	<50	---	49.10	21.01	28.09	---	0.24
MW-1	4/16/2008	53,000	---	10,000	430	1,100	2,200	---	5,500	---	---	---	---	---	---	49.10	21.49	27.61	---	1.70
MW-1	5/29/2008	47,000	---	9,100	670	1,100	2,270	---	4,600	---	---	---	---	---	---	49.10	22.17	26.93	---	1.10
MW-1	6/5/2008	51,000	---	7,900	660	1,100	2,780	---	4,600	<200	<200	<200	3,700	<50	---	49.10	22.31	26.79	---	0.19
MW-1	7/22/2008	69,000	---	8,700	510	1,400	3,480	---	3,100	---	---	---	---	---	---	49.10	23.13	25.98	0.01	1.64
MW-1	9/29/2008	61,000	---	7,900	560	1,400	2,480	---	2,300	<200	<200	<200	4,100	<50	---	49.10	24.04	25.06	---	0.69
MW-1	Well destroyed		---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
MW-1A	9/15/2008	---	---	---	---	---	---	---	---	---	---	---	---	---	---	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	3/10/2009	570	---	8.0	<1.0	1.5	1.2	---	16	---	---	---	---	---	---	48.99	20.15	28.84	---	1.80
MW-1A	6/3/2009	200	---	<0.50	<1.0	<1.0	<1.0	---	12	---	---	---	---	---	---	48.99	22.30	26.69	---	1.71
MW-1A	9/30/2009	140	---	<0.50	<1.0	<1.0	<1.0	---	6.0	<2.0	<2.0	<2.0	66	---	---	48.99	24.28	24.71	---	0.38
MW-1A	3/5/2010	540	---	30	<1.0	2.3	2.8	---	22	---	---	---	---	---	---	48.99	19.66	29.33	---	0.48
MW-1A	9/16/2010	120	---	<0.50	<1.0	<1.0	<1.0	---	9.7	<2.0	<2.0	<2.0	42	---	---	48.99	22.69	26.30	---	0.22
MW-1A	**3/18/2011**	**110**	**---**	**17**	**<0.50**	**<0.50**	**<1.0**	**---**	**11**	**---**	**---**	**---**	**---**	**---**	**---**	**48.99**	**20.60**	**28.39**	**---**	**0.62**
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	3/10/2009	790	---	11	<5.0	<5.0	8.4	---	450	---	---	---	---	---	---	49.07	20.36	28.71	---	1.22
MW-1B	6/3/2009	470	---	<2.5	<5.0	<5.0	<5.0	---	460	---	---	---	---	---	---	49.07	22.38	26.69	---	2.37

TABLE 1

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

Well ID	*Date*	*TPPH (ug/L)*	*TEPH (ug/L)*	*B (ug/L)*	*T (ug/L)*	*E (ug/L)*	*X (ug/L)*	*MTBE 8020 (ug/L)*	*MTBE 8260 (ug/L)*	*DIPE (ug/L)*	*ETBE (ug/L)*	*TAME (ug/L)*	*TBA (ug/L)*	*1,2-DCA (ug/L)*	*EDB (ug/L)*	*TOC (MSL)*	*Depth to Water (ft.)*	*GW Elevation (MSL)*	*SPH Thickness (ft.)*	*DO Reading (ppm)*
MW-1B	9/30/2009	<50	---	<0.50	<1.0	<1.0	<1.0	---	3.2	<2.0	<2.0	<2.0	<10	---	---	49.07	24.35	24.72	---	0.42
MW-1B	3/5/2010	<50	---	<0.50	<1.0	<1.0	<1.0	---	4.3	---	---	---	---	---	---	49.07	19.82	29.25	---	0.15
MW-1B	9/16/2010	<50	---	<0.50	<1.0	<1.0	<1.0	---	1.2	<2.0	<2.0	<2.0	<10	---	---	49.07	22.79	26.28	---	0.25
MW-1B	**3/18/2011**	**<50**	**---**	**<0.50**	**<0.50**	**<0.50**	**<1.0**	**---**	**1.6**	**---**	**---**	**---**	**---**	**---**	**---**	**49.07**	**19.00**	**30.07**	**---**	**0.77**
MW-2	2/13/1992	---	---	---	---	---	---	---	---	---	---	---	---	---	---	45.83	22.22	23.61	---	---
MW-2	2/24/1992	17,000	2,700 a	6,200	1,600	550	1,900	---	---	---	---	---	---	---	---	45.83	19.61	26.22	---	---
MW-2	2/27/1992	---	---	---	---	---	---	---	---	---	---	---	---	---	---	45.83	19.92	25.91	---	---
MW-2	3/1/1992	86,000	1,000 a	30,000	34,000	2,300	16,000	---	---	---	---	---	---	---	---	45.83	21.11	24.72	---	---
MW-2	6/3/1992	87,000	---	28,000	18,000	2,000	10,000	---	---	---	---	---	---	---	---	45.83	21.58	24.25	---	---
MW-2	9/1/1992	110,000	---	21,000	13,000	1,900	7,800	---	---	---	---	---	---	---	---	45.83	23.46	22.37	---	---
MW-2	10/6/1992	---	---	---	---	---	---	---	---	---	---	---	---	---	---	45.83	23.99	21.84	---	---
MW-2	11/11/1992	---	---	---	---	---	---	---	---	---	---	---	---	---	---	45.83	24.25	21.58	---	---
MW-2	12/4/1992	42,000	---	15,000	2,400	960	2,900	---	---	---	---	---	---	---	---	45.83	23.89	21.94	---	---
MW-2	1/22/1993	---	---	---	---	---	---	---	---	---	---	---	---	---	---	45.83	17.03	28.80	---	---
MW-2	2/10/1993	---	---	---	---	---	---	---	---	---	---	---	---	---	---	45.83	18.08	27.75	---	---
MW-2	3/3/1993	160,000	---	36,000	3,800	32,000	21,000	---	---	---	---	---	---	---	---	45.83	17.28	28.55	---	---
MW-2 (D)	3/3/1993	150,000	---	31,000	3,100	20,000	14,000	---	---	---	---	---	---	---	---	45.83	17.28	28.55	---	---
MW-2	5/11/1993	---	---	---	---	---	---	---	---	---	---	---	---	---	---	45.83	18.41	27.42	---	---
MW-2	6/17/1993	65,000	---	34,000	15,000	3,200	11,000	---	---	---	---	---	---	---	---	45.83	19.06	26.77	---	---
MW-2 (D)	6/17/1993	62,000	---	28,000	14,000	2,700	10,000	---	---	---	---	---	---	---	---	45.83	19.06	26.77	---	---
MW-2	9/10/1993	72,000	---	24,000	16,000	2,300	11,000	---	---	---	---	---	---	---	---	45.83	20.88	24.95	---	---
MW-2 (D)	9/10/1993	71,000	---	23,000	15,000	2,300	10,000	---	---	---	---	---	---	---	---	45.83	20.88	24.95	---	---
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	20.42	25.41	---	---
MW-2	3/3/1994	110,000	---	21,000	24,000	2,000	13,000	---	---	---	---	---	---	---	---	45.83	18.48	27.35	---	---
MW-2 (D)	3/3/1994	93,000	---	19,000	22,000	1,800	12,000	---	---	---	---	---	---	---	---	45.83	18.48	27.35	---	---
MW-2	6/6/1994	10,000	---	1,900	3,300	2,500	13,000	---	---	---	---	---	---	---	---	45.83	20.26	25.57	---	---
MW-2 (D)	6/6/1994	99,000	---	9,900	12,000	2,400	12,000	---	---	---	---	---	---	---	---	45.83	20.26	25.57	---	---
MW-2	9/12/1994	160,000	---	22,000	33,000	3,400	23,000	---	---	---	---	---	---	---	---	45.83	21.80	24.03	---	---
MW-2 (D)	9/12/1994	150,000	---	23,000	34,000	3,500	23,000	---	---	---	---	---	---	---	---	45.83	21.80	24.03	---	---
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	19.66	26.17	---	---
MW-2	2/28/1995	100,000	---	24,000	18,000	2,300	17,000	---	---	---	---	---	---	---	---	45.83	17.51	28.32	---	---

TABLE 1

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

Well ID	*Date*	*TPPH (ug/L)*	*TEPH (ug/L)*	*B (ug/L)*	*T (ug/L)*	*E (ug/L)*	*X (ug/L)*	*MTBE 8020 (ug/L)*	*MTBE 8260 (ug/L)*	*DIPE (ug/L)*	*ETBE (ug/L)*	*TAME (ug/L)*	*TBA (ug/L)*	*1,2-DCA (ug/L)*	*EDB (ug/L)*	*TOC (MSL)*	*Depth to Water (ft.)*	*GW Elevation (MSL)*	*SPH Thickness (ft.)*	*DO Reading (ppm)*
MW-2 (D)	2/28/1995	100,000	---	31,000	21,000	3,200	18,000	---	---	---	---	---	---	---	---	45.83	17.51	28.32	---	---
MW-2	3/24/1995	---	---	---	---	---	---	---	---	---	---	---	---	---	---	45.83	14.88	30.95	---	---
MW-2	6/26/1995	45,000	---	14,000	12,000	1,500	7,500	---	---	---	---	---	---	---	---	45.83	17.58	28.25	---	---
MW-2 (D)	6/26/1995	68,000	---	13,000	11,000	1,800	7,700	---	---	---	---	---	---	---	---	45.83	17.58	28.25	---	---
MW-2	9/13/1995	110,000	---	19,000	19,000	2,800	15,000	---	---	---	---	---	---	---	---	45.83	19.28	26.55	---	---
MW-2 (D)	9/13/1995	120,000	---	20,000	20,000	2,900	15,000	---	---	---	---	---	---	---	---	45.83	19.28	26.55	---	---
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	18.61	27.22	---	---
MW-2	3/6/1996	120,000	---	28,000	15,000	3,900	17,000	---	---	---	---	---	---	---	---	45.83	15.41	30.42	---	---
MW-2	6/28/1996	96,000	---	20,000	20,000	4,100	22,000	2,400	---	---	---	---	---	---	---	45.83	17.84	27.99	---	---
MW-2	9/26/1996	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	27.88	0.25	---
MW-2	3/10/1997	---	---	---	---	---	---	---	---	---	---	---	---	---	---	45.83	17.02	28.97	0.20	---
MW-2	6/30/1997	57,000	---	3,600	4,600	1,300	9,700	2,300	---	---	---	---	---	---	---	45.83	19.42	26.41	---	2.4
MW-2	9/12/1997	88,000	---	7,800	8,800	2,600	16,000	3,200	---	---	---	---	---	---	---	45.83	19.40	26.43	---	1.7
MW-2 (D)	9/12/1997	90,000	---	8,300	9,400	2,700	17,000	3,400	---	---	---	---	---	---	---	45.83	19.40	26.43	---	1.7
MW-2 b	12/18/1997	---	---	---	---	---	---	---	---	---	---	---	---	---	---	45.83	17.56	28.27	---	1.3
MW-2	2/2/1998	<50	---	0.6	1.9	0.93	6.0	9.3	---	---	---	---	---	---	---	45.83	18.14	27.69	---	2
MW-2 (D)	2/2/1998	56	---	1.0	2.8	1.4	9.3	13	---	---	---	---	---	---	---	45.83	18.14	27.69	---	2
MW-2	6/24/1998	20,000	---	<200	620	560	4,500	<1,000	---	---	---	---	---	---	---	45.83	16.08	29.75	---	2.4
MW-2	8/26/1998	22,000	---	380	1,100	560	4,400	330	---	---	---	---	---	---	---	45.83	19.25	26.58	---	---
MW-2 (D)	8/26/1998	11,000	---	180	130	290	500	1,400	---	---	---	---	---	---	---	45.83	19.25	26.58	---	---
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	3/1/1999	50,800	---	3,910	7,480	1,890	13,100	9,620	---	---	---	---	---	---	---	45.83	22.81	23.02	---	2.0
MW-2	6/14/1999	4,930	---	128	270	139	1,040	2,200	2,540*	---	---	---	---	---	---	45.83	18.86	26.97	---	1.6
MW-2	9/28/1999	16,200	---	647	1,070	542	4,130	5,320	4,790	---	---	---	---	---	---	45.83	21.41	24.42	---	1.8
MW-2	12/8/1999	25,700	---	1,670	2,110	977	6,600	6,190	5,970	---	---	---	---	---	---	45.83	21.89	23.94	---	1.8
MW-2	3/14/2000	45,100	---	2,070	4,710	1,920	12,800	16,700	18,300*	---	---	---	---	---	---	45.83	15.57	30.26	---	2.0
MW-2	6/28/2000	52,100	---	5,150	4,200	1,880	13,300	15,500	13,500*	---	---	---	---	---	---	45.83	17.79	28.04	---	1.9
MW-2	9/6/2000	39,500	---	4,490	3,290	2,100	14,000	18,500	9,060*	---	---	---	---	---	---	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	3/5/2001	38,200	---	2,010	927	1,250	8,300	13,100	15,400	---	---	---	---	---	---	45.83	16.66	29.17	---	1.0
MW-2	6/11/2001	50,000	---	4,400	2,200	1,800	11,000	---	26,000	---	---	---	---	---	---	45.83	18.93	26.90	---	1.7
MW-2	9/12/2001	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

TABLE 1

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

Well ID	*Date*	*TPPH (ug/L)*	*TEPH (ug/L)*	*B (ug/L)*	*T (ug/L)*	*E (ug/L)*	*X (ug/L)*	*MTBE 8020 (ug/L)*	*MTBE 8260 (ug/L)*	*DIPE (ug/L)*	*ETBE (ug/L)*	*TAME (ug/L)*	*TBA (ug/L)*	*1,2-DCA (ug/L)*	*EDB (ug/L)*	*TOC (MSL)*	*Depth to Water (ft.)*	*GW Elevation (MSL)*	*SPH Thickness (ft.)*	*DO Reading (ppm)*
MW-2	2/27/2002	70,000	---	8,100	2,600	2,100	13,000	---	32,000	---	---	---	---	---	---	45.79	17.15	28.64	---	2.0
MW-2	6/18/2002	72,000	---	9,500	3,000	2,200	13,000	---	29,000	---	---	---	---	---	---	45.79	18.49	27.30	---	0.6
MW-2	9/18/2002	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	<50	<50	55	10,000	<50	<50	45.79	16.71	29.08	---	1.0
MW-2	3/5/2003	62,000	---	13,000	1,400	2,000	7,900	---	21,000	---	---	<50	10,000	<50	---	45.79	17.72	28.07	---	1.4
MW-2	6/24/2003	19,000	---	9,500	530	700	2,900	---	14,000	---	---	<400	6,000	<100	---	45.79	18.30	27.49	---	1.4
MW-2	9/25/2003	65,000	---	24,000	1,500	2,400	9,700	---	19,000	---	---	<1,000	6,400	<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	---	---	<400	3,700	<100	---	45.79	18.80	26.99	---	0.1
MW-2	3/4/2004	72,000	---	27,000	1,200	2,100	7,600	---	13,000	---	---	<400	6,800	<100	---	45.79	16.75	29.04	---	0.2
MW-2	5/27/2004	74,000	---	6,000	2,000	2,500	15,000	---	19,000	---	---	<400	8,500	<100	---	45.79	18.85	26.94	---	0.8
MW-2	9/24/2004	<100	---	<1.0	<1.0	<1.0	<2.0	---	130	<4.0	<4.0	<4.0	46	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	---	---	<40	1,300	<10	---	45.79	19.83	25.96	---	0.3
MW-2	3/2/2005	960	---	150	21	30	220	---	630	---	---	<10	460	<2.5	---	45.79	15.90	29.89	---	0.5
MW-2	6/30/2005	970	---	130	19	27	210	---	320 e	---	---	<2.0	220	0.98	---	45.79	17.14	28.65	---	0.7
MW-2	9/20/2005	890	---	320	10	35	190	---	440	<10	<10	<10	570	<2.5	---	45.79	18.66	27.13	---	0.9
MW-2	12/5/2005	690	---	150	6.1	21	130	---	450	---	---	<5.0	520	<5.0	---	45.79	18.58	27.21	---	0.51
MW-2	3/2/2006	11,000 g	---	2,700 g	150 g	440 g	2,300 g	---	1,600 g	---	---	5.7	3,800 g	<0.50 j	---	45.79	16.30	29.49	---	1.2
MW-2 (n)	6/29/2006	---	---	---	---	---	---	---	---	---	---	---	---	---	---	45.79	---	---	---	---
MW-2 (o)	6/30/2006	3,870	---	177	33.1	55.5	311	---	1,560	---	---	4.90	1,180	<0.500	---	45.79	16.72	29.07	---	0.58
MW-2	7/6/2006	---	---	---	---	---	---	---	---	---	---	---	---	---	---	45.79	16.86	28.93	---	---
MW-2	9/11/2006	10,700	---	1,010	134	211	1,280	---	2,780	<0.500	<0.500	45.7	1,850	<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	---	---	<50	3,300	<12	---	45.79	17.45	28.34	---	1.09
MW-2	3/20/2007	57,600	---	14,200 l	4,150 l	4,310 l	22,400 l	---	6,240 l	---	---	<200 l	<10,000 l	<100 l	---	45.79	17.28	28.51	---	0.18
MW-2	6/26/2007	39,000 q	---	3,400	2,300	2,200	12,900	---	3,300	---	---	<100	3,400	<25	---	45.79	18.64	27.15	---	0.30
MW-2	9/11/2007	30,000 q	---	4,000	2,500	2,500	13,000	---	2,600	<100	<100	<100	2,600	<25	---	45.79	19.57	26.22	---	1.14
MW-2	12/26/2007	43,000 q	---	6,200	2,200	2,800	17,600	---	2,200	---	---	<50	2,000	<12	---	45.79	18.78	27.01	---	3.2
MW-2	3/19/2008	19,000 q	---	2,400	1,800	1,200	6,000	---	910	---	---	<200	1,000	<50	---	45.79	17.32	28.47	---	0.06
MW-2	5/29/2008	---	---	---	---	---	---	---	---	---	---	---	---	---	---	45.79	18.40	27.39	---	---
MW-2	6/5/2008	68,000	---	7,400	2,600	2,800	14,100	---	2,600	<100	<100	<100	1,800	<25	---	45.79	18.71	27.08	---	0.28
MW-2	7/22/2008	---	---	---	---	---	---	---	---	---	---	---	---	---	---	45.79	19.48	26.31	---	---
MW-2	9/29/2008	84,000	---	2,600	6,900	3,400	19,300	---	620	<100	<100	<100	<500	<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	3/10/2009	800	---	58	1.3	<1.0	4.2	---	110	---	---	---	---	---	---	44.96	16.10	28.86	---	0.69

TABLE 1

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

Well ID	*Date*	*TPPH (ug/L)*	*TEPH (ug/L)*	*B (ug/L)*	*T (ug/L)*	*E (ug/L)*	*X (ug/L)*	*MTBE 8020 (ug/L)*	*MTBE 8260 (ug/L)*	*DIPE (ug/L)*	*ETBE (ug/L)*	*TAME (ug/L)*	*TBA (ug/L)*	*1,2-DCA (ug/L)*	*EDB (ug/L)*	*TOC (MSL)*	*Depth to Water (ft.)*	*GW Elevation (MSL)*	*SPH Thickness (ft.)*	*DO Reading (ppm)*
MW-2B	6/3/2009	28,000	---	8,600	<500	<500	<500	---	5,000	---	---	---	---	---	---	44.96	18.36	26.60	---	0.06
MW-2B	6/26/2009	12,000	---	3,100	5.2	<2.0	11	---	3,600	---	---	---	---	---	---	44.96	18.84	26.12	---	0.76
MW-2B	9/30/2009	10,000	270 t, u	1,500	<25	<25	<25	---	3,300	<50	<50	<50	2,700	---	---	44.96	20.30	24.66	---	0.26
MW-2B	3/5/2010	6,400	---	210	<20	<20	<20	---	2,400	---	---	---	---	---	---	44.96	15.56	29.40	---	0.16
MW-2B	9/16/2010	1,300	---	16	<10	<10	<10	---	1,600	<20	<20	<20	310	---	---	44.96	18.69	26.27	---	1.50
MW-2B	**3/18/2011**	**270**	**---**	**1.0**	**37**	**9.0**	**72**	**---**	**5.1**	**---**	**---**	**---**	**---**	**---**	**---**	**44.96**	**16.78**	**28.18**	**---**	**0.91**
MW-3	2/13/1992	---	---	---	---	---	---	---	---	---	---	---	---	---	---	51.97	27.97	24.00	---	---
MW-3	2/24/1992	4,500	1,300a	97	<5	78	18	---	---	---	---	---	---	---	---	51.97	25.60	26.37	---	---
MW-3	2/27/1992	---	---	---	---	---	---	---	---	---	---	---	---	---	---	51.97	25.88	26.09	---	---
MW-3	3/1/1992	2,200	440	69	<0.5	<0.5	<0.5	---	---	---	---	---	---	---	---	51.97	26.00	25.97	---	---
MW-3	6/3/1992	4,100	---	13	72	44	65	---	---	---	---	---	---	---	---	51.97	27.70	24.27	---	---
MW-3	9/1/1992	1,900	---	20	6.8	5.5	<5	---	---	---	---	---	---	---	---	51.97	29.46	22.51	---	---
MW-3 (D)	9/1/1992	1,900	---	21	6.6	3.4	<5	---	---	---	---	---	---	---	---	51.97	29.46	22.51	---	---
MW-3	10/6/1992	---	---	---	---	---	---	---	---	---	---	---	---	---	---	51.97	30.01	21.96	---	---
MW-3	11/11/1992	---	---	---	---	---	---	---	---	---	---	---	---	---	---	51.97	30.26	21.71	---	---
MW-3	12/4/1992	2,400	---	8.2	<5	<5	<5	---	---	---	---	---	---	---	---	51.97	29.93	22.04	---	---
MW-3 (D)	12/4/1992	2,100	---	11	<0.5	5.7	<0.5	---	---	---	---	---	---	---	---	51.97	29.93	22.04	---	---
MW-3	1/22/1993	---	---	---	---	---	---	---	---	---	---	---	---	---	---	51.97	22.76	29.21	---	---
MW-3	2/10/1993	---	---	---	---	---	---	---	---	---	---	---	---	---	---	51.97	21.40	30.57	---	---
MW-3	3/3/1993	5,100	---	63	61	75	150	---	---	---	---	---	---	---	---	51.97	23.08	28.89	---	---
MW-3	5/11/1993	---	---	---	---	---	---	---	---	---	---	---	---	---	---	51.97	24.51	27.46	---	---
MW-3	6/17/1993	4,000	---	94	140	82	150	---	---	---	---	---	---	---	---	51.97	25.21	26.76	---	---
MW-3	9/10/1993	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	3/3/1994	4,500	---	73	<5	<5	<5	---	---	---	---	---	---	---	---	51.97	24.50	27.47	---	---
MW-3	6/6/1994	3,200	---	<0.5	<0.5	3.1	<0.5	---	---	---	---	---	---	---	---	51.97	26.33	25.64	---	---
MW-3	9/12/1994	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	2/28/1995	4,000	---	58	<0.5	7.1	3.5	---	---	---	---	---	---	---	---	51.97	23.45	28.52	---	---
MW-3	3/24/1995	---	---	---	---	---	---	---	---	---	---	---	---	---	---	51.97	21.07	30.90	---	---
MW-3	6/26/1995	3,900	---	8.1	<0.5	12	2.4	---	---	---	---	---	---	---	---	51.97	23.64	28.33	---	---
MW-3	9/13/1995	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	3/7/1996	---	---	---	---	---	---	---	---	---	---	---	---	---	---	51.97	21.59	30.41	0.04	---

TABLE 1

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

Well ID	*Date*	*TPPH (ug/L)*	*TEPH (ug/L)*	*B (ug/L)*	*T (ug/L)*	*E (ug/L)*	*X (ug/L)*	*MTBE 8020 (ug/L)*	*MTBE 8260 (ug/L)*	*DIPE (ug/L)*	*ETBE (ug/L)*	*TAME (ug/L)*	*TBA (ug/L)*	*1,2-DCA (ug/L)*	*EDB (ug/L)*	*TOC (MSL)*	*Depth to Water (ft.)*	*GW Elevation (MSL)*	*SPH Thickness (ft.)*	*DO Reading (ppm)*
MW-3	6/28/1996	2,400	---	55	<0.5	<0.5	11	120	---	---	---	---	---	---	---	51.97	23.95	28.02	---	---
MW-3	9/26/1996	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	3/10/1997	130	---	<0.50	<0.50	<0.50	1.4	4.2	---	---	---	---	---	---	---	51.97	23.05	28.92	---	2.8
MW-3	6/30/1997	1,200	---	21	2.3	<2.0	<2.0	69	---	---	---	---	---	---	---	51.97	24.34	27.63	---	2.3
MW-3	9/12/1997	440	---	8.3	0.82	<0.50	1.9	3.4	---	---	---	---	---	---	---	51.97	24.47	27.50	---	1.9
MW-3 b	12/18/1997	---	---	---	---	---	---	---	---	---	---	---	---	---	---	51.97	23.54	28.43	---	0.8
MW-3	2/2/1998	400	---	9.3	0.68	<0.50	<0.50	9	---	---	---	---	---	---	---	51.97	21.92	30.05	---	1.5
MW-3	6/24/1998	<50	---	<0.50	<0.50	<0.50	<0.50	<2.5	---	---	---	---	---	---	---	51.97	22.35	29.62	---	1.9
MW-3	8/26/1998	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	3/1/1999	2,550	---	<0.500	<0.500	<0.500	0.658	32.4	---	---	---	---	---	---	---	51.97	22.08	29.89	---	2.0
MW-3	6/14/1999	514	---	18.1	0.728	<0.500	<0.500	15.9	---	---	---	---	---	---	---	51.97	23.15	28.82	---	1.7
MW-3	9/28/1999	1,180	---	<1.00	<1.00	<1.00	<1.00	<10.0	---	---	---	---	---	---	---	51.97	25.36	26.61	---	1.2
MW-3	12/8/1999	1,740	---	71.5	23.0	24.2	61.3	103	---	---	---	---	---	---	---	51.97	25.75	26.22	---	2.0
MW-3	3/14/2000	1,410	---	5.63	35.6	<5.00	8.41	38.7	---	---	---	---	---	---	---	51.97	21.64	30.33	---	2.1
MW-3	6/28/2000	2,460	---	<5.00	9.48	<5.00	28.4	64.0	---	---	---	---	---	---	---	51.97	23.84	28.13	---	2.87
MW-3	9/6/2000	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	3/5/2001	2,100	---	4.90	56.5	<2.00	3.62	261	---	---	---	---	---	---	---	51.97	22.83	29.14	---	0.8
MW-3	6/11/2001	2,000	---	1.0	<0.50	<0.50	<0.50	---	<0.50	---	---	---	---	---	---	51.97	25.20	26.77	---	0.7
MW-3	9/12/2001	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	2/27/2002	2,300	---	<0.50	<0.50	<0.50	<0.50	---	<5.0	---	---	---	---	---	---	51.92	23.23	28.69	---	1.5
MW-3	6/18/2002	2,000	---	<0.50	<0.50	<0.50	<0.50	---	<0.50	---	---	---	---	---	---	51.92	24.74	27.18	---	2.0
MW-3	9/18/2002	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	3/5/2003	2,300	---	<0.50	<0.50	<0.50	<0.50	---	<5.0	---	---	<2.0	<50	13	---	51.92	23.84	28.08	---	1.3
MW-3	6/24/2003	Well inaccessible		---	---	---	---	---	---	---	---	---	---	---	---	51.92	---	---	---	---
MW-3	6/25/2003	1,800 c	---	0.71	<0.50	<0.50	<1.0	---	0.54	---	---	<2.0	<5.0	1.1	---	51.92	24.48	27.44	---	1.3
MW-3	9/25/2003	---	---	---	---	---	---	---	---	---	---	---	---	---	---	51.92	25.99	25.93	---	---
MW-3	12/15/2003	---	---	---	---	---	---	---	---	---	---	---	---	---	---	51.92	24.94	26.98	---	---
MW-3	3/4/2004	---	---	---	---	---	---	---	---	---	---	---	---	---	---	51.92	22.50	29.42	---	---
MW-3	5/27/2004	2,500	---	<0.50	<0.50	<0.50	<1.0	---	1.1	---	---	<2.0	<5.0	0.82	---	51.92	24.94	26.98	---	0.5

TABLE 1

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

Well ID	*Date*	*TPPH (ug/L)*	*TEPH (ug/L)*	*B (ug/L)*	*T (ug/L)*	*E (ug/L)*	*X (ug/L)*	*MTBE 8020 (ug/L)*	*MTBE 8260 (ug/L)*	*DIPE (ug/L)*	*ETBE (ug/L)*	*TAME (ug/L)*	*TBA (ug/L)*	*1,2-DCA (ug/L)*	*EDB (ug/L)*	*TOC (MSL)*	*Depth to Water (ft.)*	*GW Elevation (MSL)*	*SPH Thickness (ft.)*	*DO Reading (ppm)*
MW-3	9/24/2004	---	---	---	---	---	---	---	---	---	---	---	---	---	---	51.92	26.55	25.37	---	---
MW-3	11/22/2004	---	---	---	---	---	---	---	---	---	---	---	---	---	---	51.92	25.92	26.00	---	---
MW-3	3/2/2005	---	---	---	---	---	---	---	---	---	---	---	---	---	---	51.92	22.12	29.80	---	---
MW-3	6/30/2005	3,700	---	<2.0	2.4	<2.0	<4.0	---	<2.0	<8.0	<8.0	<8.0	<20	<2.0	---	51.92	23.31	28.61	---	1.2
MW-3	9/20/2005	---	---	---	---	---	---	---	---	---	---	---	---	---	---	51.92	24.78	27.14	---	---
MW-3	12/5/2005	---	---	---	---	---	---	---	---	---	---	---	---	---	---	51.92	24.65	27.27	---	---
MW-3	3/2/2006	---	---	---	---	---	---	---	---	---	---	---	---	---	---	51.92	22.56	29.36	---	---
MW-3 (n)	6/29/2006	---	---	---	---	---	---	---	---	---	---	---	---	---	---	51.92	---	---	---	---
MW-3 (o)	6/30/2006	1,580	---	<0.500	<0.500	<0.500	<0.500	---	<0.500	<0.500	<0.500	<0.500	<10.0	5.95	---	51.92	22.89	29.03	---	0.49
MW-3	7/6/2006	---	---	---	---	---	---	---	---	---	---	---	---	---	---	51.92	22.99	28.93	---	---
MW-3	9/11/2006	---	---	---	---	---	---	---	---	---	---	---	---	---	---	51.92	23.92	28.00	---	---
MW-3	12/28/2006	---	---	---	---	---	---	---	---	---	---	---	---	---	---	51.92	23.68	28.24	---	---
MW-3	3/20/2007	---	---	---	---	---	---	---	---	---	---	---	---	---	---	51.92	23.91	28.01	---	---
MW-3	6/26/2007	1,400 q	---	<0.50	<1.0	<1.0	<1.0	---	<1.0	<2.0	<2.0	<2.0	<10	44	---	51.92	25.10	26.82	---	1.77
MW-3	9/11/2007	---	---	---	---	---	---	---	---	---	---	---	---	---	---	51.92	23.41	28.51	---	---
MW-3	12/26/2007	---	---	---	---	---	---	---	---	---	---	---	---	---	---	51.92	25.15	26.77	---	---
MW-3	3/19/2008	---	---	---	---	---	---	---	---	---	---	---	---	---	---	51.92	23.81	28.11	---	---
MW-3	6/5/2008	3,600	---	<0.50	<1.0	<1.0	<1.0	---	<1.0	<2.0	<2.0	<2.0	<10	33	---	51.92	25.08	26.84	---	0.10
MW-3	9/29/2008	---	---	---	---	---	---	---	---	---	---	---	---	---	---	51.92	26.85	25.07	---	---
MW-3	12/19/2008	---	---	---	---	---	---	---	---	---	---	---	---	---	---	51.92	26.47	25.45	---	---
MW-3	3/10/2009	---	---	---	---	---	---	---	---	---	---	---	---	---	---	51.92	23.13	28.79	---	---
MW-3	6/3/2009	2,000	---	<0.50	<1.0	<1.0	<1.0	---	<1.0	<2.0	<2.0	<2.0	<10	12	---	51.92	25.24	26.68	---	1.11
MW-3	9/30/2009	---	---	---	---	---	---	---	---	---	---	---	---	---	---	51.92	27.16	24.76	---	---
MW-3	3/5/2010	2,300	---	<0.50	<1.0	<1.0	<1.0	---	<1.0	<2.0	<2.0	<2.0	<10	9.9	---	51.92	22.54	29.38	---	0.14
MW-3	9/16/2010	---	---	---	---	---	---	---	---	---	---	---	---	---	---	51.92	25.75	26.17	---	---
MW-3	**3/18/2011**	**1,800**	**---**	**<0.50**	**<0.50**	**<0.50**	**<1.0**	**---**	**1.5**	**<1.0**	**<1.0**	**<1.0**	**<10**	**15**	**---**	**51.92**	**23.17**	**28.75**	**---**	**0.48**
MW-4	3/24/1995	<50	---	<0.5	<0.5	<0.5	<0.5	---	---	---	---	---	---	---	---	40.51	9.16	31.35	---	---
MW-4	6/26/1995	<50	---	<0.5	<0.5	<0.5	<0.5	---	---	---	---	---	---	---	---	40.51	12.06	28.45	---	---
MW-4	9/13/1995	<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	3/6/1996	<50	---	<0.5	<0.5	<0.5	<0.5	---	---	---	---	---	---	---	---	40.51	9.63	30.88	---	---
MW-4	6/28/1996	40	---	<0.5	0.59	0.97	3.8	26	---	---	---	---	---	---	---	40.51	12.30	28.21	---	---
MW-4	9/26/1996	<50	---	<0.5	<0.5	<0.5	<0.5	<2.5	---	---	---	---	---	---	---	40.51	14.12	26.39	---	---

TABLE 1

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

Well ID	*Date*	*TPPH (ug/L)*	*TEPH (ug/L)*	*B (ug/L)*	*T (ug/L)*	*E (ug/L)*	*X (ug/L)*	*MTBE 8020 (ug/L)*	*MTBE 8260 (ug/L)*	*DIPE (ug/L)*	*ETBE (ug/L)*	*TAME (ug/L)*	*TBA (ug/L)*	*1,2-DCA (ug/L)*	*EDB (ug/L)*	*TOC (MSL)*	*Depth to Water (ft.)*	*GW Elevation (MSL)*	*SPH Thickness (ft.)*	*DO Reading (ppm)*
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	3/10/1997	<50	---	<0.50	<0.50	<0.50	<0.50	<2.5	---	---	---	---	---	---	---	40.51	11.34	29.17	---	---
MW-4	6/30/1997	<50	---	<0.50	<0.50	<0.50	<0.50	<2.5	---	---	---	---	---	---	---	40.51	13.80	26.71	---	1.9
MW-4	9/12/1997	<50	---	<0.50	<0.50	<0.50	<0.50	<2.5	---	---	---	---	---	---	---	40.51	13.99	26.52	---	1.7
MW-4 b	12/18/1997	---	---	---	---	---	---	---	---	---	---	---	---	---	---	40.51	12.02	28.49	---	1.8
MW-4	2/2/1998	<50	---	<0.50	<0.50	<0.50	<0.50	<2.5	---	---	---	---	---	---	---	40.51	11.23	29.28	---	1
MW-4	6/24/1998	<50	---	<0.50	<0.50	<0.50	<0.50	<2.5	---	---	---	---	---	---	---	40.51	10.58	29.93	---	1.9
MW-4	8/26/1998	<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	3/1/1999	<50.0	---	<0.500	<0.500	<0.500	<0.500	<2.00	---	---	---	---	---	---	---	40.51	10.38	30.13	---	2.1
MW-4	6/14/1999	<50.0	---	<0.500	<0.500	<0.500	<0.500	<2.50	---	---	---	---	---	---	---	40.51	11.91	28.60	---	2.4
MW-4	9/28/1999	<50.0	---	<0.500	<0.500	<0.500	<0.500	<5.00	---	---	---	---	---	---	---	40.51	10.19	30.32	---	2.2
MW-4	12/8/1999	<50.0	---	<0.500	<0.500	<0.500	<0.500	<2.50	---	---	---	---	---	---	---	40.51	10.67	29.84	---	1.8
MW-4	3/14/2000	<50.0	---	<0.500	<0.500	<0.500	<0.500	<2.50	---	---	---	---	---	---	---	40.51	9.95	30.56	---	2.5
MW-4	6/28/2000	<50.0	---	<0.500	<0.500	<0.500	<0.500	<2.50	---	---	---	---	---	---	---	40.51	12.22	28.29	---	0.9
MW-4	9/6/2000	---	---	---	---	---	---	---	---	---	---	---	---	---	---	40.51	13.17	27.34	---	3.0
MW-4	12/14/2000	---	---	---	---	---	---	---	---	---	---	---	---	---	---	40.51	8.65	31.86	---	---
MW-4	3/5/2001	---	---	---	---	---	---	---	---	---	---	---	---	---	---	40.51	11.07	29.44	---	---
MW-4	6/11/2001	<50	---	<0.50	<0.50	<0.50	<0.50	---	<0.50	---	---	---	---	---	---	40.51	13.62	26.89	---	1.3
MW-4	9/12/2001	---	---	---	---	---	---	---	---	---	---	---	---	---	---	40.51	14.61	25.90	---	---
MW-4	12/27/2001	---	---	---	---	---	---	---	---	---	---	---	---	---	---	40.51	12.19	28.32	---	---
MW-4	2/27/2002	---	---	---	---	---	---	---	---	---	---	---	---	---	---	40.45	11.64	28.81	---	---
MW-4	6/18/2002	<50	---	<0.50	<0.50	<0.50	<0.50	---	<0.50	---	---	---	---	---	---	40.45	13.22	27.23	---	0.6
MW-4	9/18/2002	---	---	---	---	---	---	---	---	---	---	---	---	---	---	40.45	14.46	25.99	---	---
MW-4	12/27/2002	---	---	---	---	---	---	---	---	---	---	---	---	---	---	40.45	11.23	29.22	---	---
MW-4	3/5/2003	---	---	---	---	---	---	---	---	---	---	---	---	---	---	40.45	12.22	28.23	---	---
MW-4	6/24/2003	57 c	---	<0.50	<0.50	<0.50	<1.0	---	12	---	---	---	---	---	---	40.45	12.79	27.66	---	1.6
MW-4	9/25/2003	---	---	---	---	---	---	---	---	---	---	---	---	---	---	40.45	14.45	26.00	---	---
MW-4	12/15/2003	---	---	---	---	---	---	---	---	---	---	---	---	---	---	40.45	13.24	27.21	---	---
MW-4	3/4/2004	---	---	---	---	---	---	---	---	---	---	---	---	---	---	40.45	10.93	29.52	---	---
MW-4	5/27/2004	<50	---	<0.50	<0.50	<0.50	<1.0	---	<0.50	---	---	---	---	---	---	40.45	13.42	27.03	---	0.5
MW-4	9/24/2004	---	---	---	---	---	---	---	---	---	---	---	---	---	---	40.45	15.11	25.34	---	---
MW-4	11/22/2004	---	---	---	---	---	---	---	---	---	---	---	---	---	---	40.45	14.42	26.03	---	---
MW-4	3/2/2005	---	---	---	---	---	---	---	---	---	---	---	---	---	---	40.45	10.17	30.28	---	---

TABLE 1

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

Well ID	*Date*	*TPPH (ug/L)*	*TEPH (ug/L)*	*B (ug/L)*	*T (ug/L)*	*E (ug/L)*	*X (ug/L)*	*MTBE 8020 (ug/L)*	*MTBE 8260 (ug/L)*	*DIPE (ug/L)*	*ETBE (ug/L)*	*TAME (ug/L)*	*TBA (ug/L)*	*1,2-DCA (ug/L)*	*EDB (ug/L)*	*TOC (MSL)*	*Depth to Water (ft.)*	*GW Elevation (MSL)*	*SPH Thickness (ft.)*	*DO Reading (ppm)*
MW-4	6/30/2005	<50 d	---	<0.50	<0.50	<0.50	<1.0	---	<0.50	<2.0	<2.0	<2.0	<5.0	---	---	40.45	11.60	28.85	---	0.8
MW-4	9/20/2005	---	---	---	---	---	---	---	---	---	---	---	---	---	---	40.45	13.18	27.27	---	---
MW-4	12/5/2005	---	---	---	---	---	---	---	---	---	---	---	---	---	---	40.45	13.08	27.37	---	---
MW-4	3/2/2006	---	---	---	---	---	---	---	---	---	---	---	---	---	---	40.45	10.62	29.83	---	---
MW-4 (n)	6/29/2006	---	---	---	---	---	---	---	---	---	---	---	---	---	---	40.45	---	---	---	---
MW-4 (o)	6/30/2006	<50.0	---	<0.500	<0.500	<0.500	<0.500	---	<0.500	<0.500	<0.500	<0.500	<10.0	---	---	40.45	11.20	29.25	---	0.44
MW-4	7/6/2006	---	---	---	---	---	---	---	---	---	---	---	---	---	---	40.45	11.22	29.23	---	---
MW-4	9/11/2006	---	---	---	---	---	---	---	---	---	---	---	---	---	---	40.45	12.29	28.16	---	---
MW-4	12/28/2006	---	---	---	---	---	---	---	---	---	---	---	---	---	---	40.45	11.71	28.74	---	---
MW-4	3/20/2007	---	---	---	---	---	---	---	---	---	---	---	---	---	---	40.45	11.99	28.46	---	---
MW-4	6/26/2007	59 q	---	<0.50	<1.0	<1.0	<1.0	---	<1.0	<2.0	<2.0	<2.0	<10	---	---	40.45	13.60	26.85	---	3.69
MW-4	9/11/2007	---	---	---	---	---	---	---	---	---	---	---	---	---	---	40.45	11.61	28.84	---	---
MW-4	12/26/2007	---	---	---	---	---	---	---	---	---	---	---	---	---	---	40.45	13.72	26.73	---	---
MW-4	3/19/2008	---	---	---	---	---	---	---	---	---	---	---	---	---	---	40.45	12.19	28.26	---	---
MW-4	6/5/2008	<50	---	<0.50	<1.0	<1.0	<1.0	---	<1.0	<2.0	<2.0	<2.0	<10	---	---	40.45	13.62	26.83	---	0.09
MW-4	9/29/2008	---	---	---	---	---	---	---	---	---	---	---	---	---	---	40.45	15.55	24.90	---	---
MW-4	12/19/2008	---	---	---	---	---	---	---	---	---	---	---	---	---	---	40.45	15.03	25.42	---	---
MW-4	3/10/2009	---	---	---	---	---	---	---	---	---	---	---	---	---	---	40.45	11.55	28.90	---	---
MW-4	6/3/2009	<50	---	<0.50	<1.0	<1.0	<1.0	---	<1.0	<2.0	<2.0	<2.0	<10	---	---	40.45	13.78	26.67	---	0.05
MW-4	9/30/2009	---	---	---	---	---	---	---	---	---	---	---	---	---	---	40.45	15.76	24.69	---	---
MW-4	3/5/2010	<50	---	<0.50	<1.0	<1.0	<1.0	---	<1.0	<2.0	<2.0	<2.0	<10	---	---	40.45	10.85	29.60	---	0.25
MW-4	9/16/2010	---	---	---	---	---	---	---	---	---	---	---	---	---	---	40.45	14.10	26.35	---	---
MW-4	**3/18/2011**	**<50**	**---**	**<0.50**	**<0.50**	**<0.50**	**<1.0**	**---**	**<1.0**	**<1.0**	**<1.0**	**<1.0**	**<10**	**---**	**---**	**40.45**	**11.08**	**29.37**	**---**	**0.89**
MW-5	1/29/2002	---	---	---	---	---	---	---	---	---	---	---	---	---	---	41.46	12.82	28.64	---	---
MW-5	2/27/2002	190	---	<0.50	<0.50	0.85	1.5	---	<5.0	---	---	---	---	---	---	41.46	12.85	28.61	---	1.9
MW-5	6/18/2002	650	---	1.4	3.0	52	28	---	<0.50	---	---	---	---	---	---	41.46	13.65	27.81	---	0.8
MW-5	9/18/2002	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	<2.0	<2.0	<2.0	<50	<2.0	<2.0	41.46	12.51	28.95	---	1.9
MW-5	3/5/2003	290	---	<0.50	1.7	9.4	22	---	<5.0	---	---	---	---	---	---	41.46	13.39	28.07	---	2.6
MW-5	6/24/2003	220	---	<0.50	1.0	19	1.3	---	<0.50	---	---	---	---	---	---	41.46	13.91	27.55	---	1.7
MW-5	9/25/2003	<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 c	---	<0.50	<0.50	<0.50	<1.0	---	<0.50	---	---	---	---	---	---	41.46	14.45	27.01	---	0.21
MW-5	3/4/2004	170 c	---	<0.50	<0.50	<0.50	<1.0	---	<0.50	---	---	---	---	---	---	41.46	12.52	28.94	---	0.1

TABLE 1

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

Well ID	*Date*	*TPPH (ug/L)*	*TEPH (ug/L)*	*B (ug/L)*	*T (ug/L)*	*E (ug/L)*	*X (ug/L)*	*MTBE 8020 (ug/L)*	*MTBE 8260 (ug/L)*	*DIPE (ug/L)*	*ETBE (ug/L)*	*TAME (ug/L)*	*TBA (ug/L)*	*1,2-DCA (ug/L)*	*EDB (ug/L)*	*TOC (MSL)*	*Depth to Water (ft.)*	*GW Elevation (MSL)*	*SPH Thickness (ft.)*	*DO Reading (ppm)*
MW-5	5/27/2004	<50	---	<0.50	<0.50	<0.50	<1.0	---	<0.50	---	---	---	---	---	---	41.46	14.49	26.97	---	0.5
MW-5	9/24/2004	<50	---	0.71	<0.50	<0.50	<1.0	---	<0.50	<2.0	<2.0	<2.0	<5.0	---	---	41.46	16.08	25.38	---	1.7
MW-5	11/22/2004	<50 d	---	<0.50	<0.50	<0.50	<1.0	---	<0.50	---	---	---	---	---	---	41.46	15.48	25.98	---	0.3
MW-5	3/2/2005	190	---	<0.50	<1.0	<1.0	<1.0	---	<1.0	---	---	<2.0	<10	<0.50	---	41.46	11.52	29.94	---	0.4
MW-5	6/30/2005	3,200	---	<5.0	25	200	270	---	<5.0	---	---	---	---	---	---	41.46	12.33	29.13	---	0.9
MW-5	9/20/2005	310	---	<0.50	1.3	47	2.5	---	<0.50	<2.0	<2.0	<2.0	<5.0	---	---	41.46	14.36	27.10	---	0.5
MW-5	12/5/2005	250	---	<0.50	0.94	26	<0.50	---	<0.50	---	---	---	---	---	---	41.46	14.25	27.21	---	0.58
MW-5	3/2/2006	3,000 g	---	<0.50	17	230 g	390 g	---	<0.50	---	---	---	---	---	---	41.46	11.87	29.59	---	0.7
MW-5 (n)	6/29/2006	---	---	---	---	---	---	---	---	---	---	---	---	---	---	41.46	---	---	---	---
MW-5 (o)	6/30/2006	729	---	<0.500	1.00	43.2	21.7	---	<0.500	---	---	---	---	---	---	41.46	12.49	28.97	---	0.67
MW-5	7/6/2006	---	---	---	---	---	---	---	---	---	---	---	---	---	---	41.46	12.58	28.88	---	---
MW-5	9/11/2006	<50.0	---	<0.500	<0.500	<0.500	1.29	---	<0.500	<0.500	<0.500	<0.500	<10.0	---	---	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	3/20/2007	358	---	<0.500	<0.500	<0.500	<1.00	---	<0.500	---	---	---	---	---	---	41.46	13.28	28.18	---	0.11
MW-5	6/26/2007	120 q	---	<0.50	<1.0	<1.0	<1.0	---	<1.0	---	---	---	---	---	---	41.46	14.68	26.78	---	4.72
MW-5	9/11/2007	<50 q	---	0.19 r	<1.0	<1.0	<1.0	---	<1.0	<2.0	<2.0	<2.0	<10	---	---	41.46	15.57	25.89	---	0.84
MW-5	12/26/2007	110 q, t	---	<0.50	<1.0	<1.0	<1.0	---	<1.0	---	---	---	---	---	---	41.46	14.76	26.70	---	0.8
MW-5	3/19/2008	2,000	---	<0.50	<1.0	<1.0	<1.0	---	<1.0	---	---	---	---	---	---	41.46	13.34	28.12	---	0.31
MW-5	6/5/2008	2,000	---	<0.50	<1.0	<1.0	<1.0	---	<1.0	---	---	---	---	---	---	41.46	14.63	26.83	---	0.10
MW-5	9/29/2008	830	---	<0.50	<1.0	<1.0	<1.0	---	<1.0	<2.0	<2.0	<2.0	<10	---	---	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	3/10/2009	820	---	<0.50	<1.0	13	10	---	<1.0	---	---	---	---	---	---	41.46	12.77	28.69	---	0.37
MW-5	6/3/2009	1,300	---	<0.50	1.1	68	94	---	<1.0	---	---	---	---	---	---	41.46	14.83	26.63	---	0.86
MW-5	9/30/2009	1,500	---	<0.50	<1.0	<1.0	<1.0	---	<1.0	<2.0	<2.0	<2.0	<10	---	---	41.46	16.72	24.74	---	0.14
MW-5	3/5/2010	190	---	<0.50	<1.0	<1.0	<1.0	---	<1.0	---	---	---	---	---	---	41.46	11.96	29.50	---	0.28
MW-5	9/16/2010	700	---	<0.50	<1.0	<1.0	<1.0	---	<1.0	<2.0	<2.0	<2.0	<10	---	---	41.46	15.24	26.22	---	0.47
MW-5	**3/18/2011**	**230**	**---**	**<0.50**	**<0.50**	**<0.50**	**<1.0**	**---**	**<1.0**	**---**	**---**	**---**	**---**	**---**	**---**	**41.46**	**12.41**	**29.05**	**---**	**0.58**
MW-6	1/29/2002	---	---	---	---	---	---	---	---	---	---	---	---	---	---	41.50	3.88	37.62	---	---
MW-6	1/31/2002	---	---	---	---	---	---	---	---	---	---	---	---	---	---	41.50	12.43	29.07	---	---
MW-6	2/27/2002	<50	---	<0.50	<0.50	<0.50	<0.50	---	<5.0	---	---	---	---	---	---	41.50	12.82	28.68	---	4.1
MW-6	6/18/2002	<50	---	<0.50	<0.50	<0.50	<0.50	---	<0.50	---	---	---	---	---	---	41.50	4.26	37.24	---	3.9
MW-6	9/18/2002	<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	<2.0	<2.0	<2.0	<50	<2.0	<2.0	41.50	12.11	29.39	---	3.0

TABLE 1

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

Well ID	*Date*	*TPPH (ug/L)*	*TEPH (ug/L)*	*B (ug/L)*	*T (ug/L)*	*E (ug/L)*	*X (ug/L)*	*MTBE 8020 (ug/L)*	*MTBE 8260 (ug/L)*	*DIPE (ug/L)*	*ETBE (ug/L)*	*TAME (ug/L)*	*TBA (ug/L)*	*1,2-DCA (ug/L)*	*EDB (ug/L)*	*TOC (MSL)*	*Depth to Water (ft.)*	*GW Elevation (MSL)*	*SPH Thickness (ft.)*	*DO Reading (ppm)*
MW-6	3/5/2003	<50	---	<0.50	<0.50	<0.50	<0.50	---	<5.0	---	---	---	---	---	---	41.50	13.47	28.03	---	4.9
MW-6	6/24/2003	<50	---	<0.50	<0.50	<0.50	<1.0	---	<0.50	---	---	---	---	---	---	41.50	13.71	27.79	---	5.8
MW-6	9/25/2003	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	3/4/2004	<50	---	<0.50	<0.50	<0.50	<1.0	---	<0.50	---	---	---	---	---	---	41.50	11.15	30.35	---	1.0
MW-6	5/27/2004	<50	---	0.50	<0.50	<0.50	<1.0	---	<0.50	---	---	---	---	---	---	41.50	13.68	27.82	---	1.0
MW-6	9/24/2004	<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 d	---	0.65	<0.50	<0.50	<1.0	---	<0.50	---	---	---	---	---	---	41.50	7.60	33.90	---	6.5
MW-6	3/2/2005	<100	---	<0.50	<1.0	<1.0	<1.0	---	<1.0	---	---	<2.0	<10	<0.50	---	41.50	6.77	34.73	---	6.2
MW-6	6/30/2005	<50	---	<0.50	<0.50	<0.50	<1.0	---	<0.50	---	---	---	---	---	---	41.50	12.87	28.63	---	1.2
MW-6	9/20/2005	<50	---	<0.50	<0.50	<0.50	<1.0	---	<0.50	---	---	---	---	---	---	41.50	14.16	27.34	---	5.5
MW-6	12/5/2005	<50	---	<0.50	<0.50	<0.50	<0.50	---	<0.50	---	---	---	---	---	---	41.50	14.23	27.27	---	2.40
MW-6	3/2/2006	58 i	---	<0.50	<0.50	0.73	1.5	---	<0.50	---	---	---	---	---	---	41.50	11.40	30.10	---	1.2
MW-6 (m)	6/29/2006	---	---	---	---	---	---	---	---	---	---	---	---	---	---	41.50	12.49	29.01	---	0.41
MW-6 (o)	6/30/2006	---	---	---	---	---	---	---	---	---	---	---	---	---	---	41.50	12.35	29.15	---	---
MW-6 (p)	7/6/2006	<50.0	---	<0.500	<0.500	<0.500	<0.500	---	<0.500	---	---	---	---	---	---	41.50	12.66	28.84	---	0.30
MW-6	9/11/2006	<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	3/20/2007	<50.0	---	<0.500	<0.500	<0.500	<1.00	---	<0.500	---	---	---	---	---	---	41.50	13.24	28.26	---	5.60
MW-6	6/26/2007	60 q	---	<0.50	<1.0	<1.0	<1.0	---	<1.0	---	---	---	---	---	---	41.50	14.60	26.90	---	5.46
MW-6	9/11/2007	<50 q	---	<0.50	<1.0	<1.0	<1.0	---	<1.0	---	---	---	---	---	---	41.50	15.39	26.11	---	1.16
MW-6	12/26/2007	<50 q	---	0.27 r	<1.0	<1.0	<1.0	---	<1.0	---	---	---	---	---	---	41.50	14.69	26.81	---	3.1
MW-6	3/19/2008	1,500	---	<0.50	<1.0	<1.0	<1.0	---	<1.0	---	---	---	---	---	---	41.50	12.93	28.57	---	0.30
MW-6	6/5/2008	<50	---	<0.50	<1.0	<1.0	<1.0	---	<1.0	---	---	---	---	---	---	41.50	14.61	26.89	---	0.09
MW-6	9/29/2008	<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	3/10/2009	76	---	<0.50	<1.0	<1.0	<1.0	---	<1.0	---	---	---	---	---	---	41.50	11.58	29.92	---	0.57
MW-6	6/3/2009	<50	---	<0.50	<1.0	<1.0	<1.0	---	<1.0	---	---	---	---	---	---	41.50	14.19	27.31	---	2.25
MW-6	9/30/2009	<50	---	<0.50	<1.0	<1.0	<1.0	---	<1.0	---	---	---	---	---	---	41.50	14.95	26.55	---	0.32
MW-6	3/5/2010	57	---	<0.50	<1.0	<1.0	<1.0	---	<1.0	---	---	---	---	---	---	41.50	10.98	30.52	---	1.12
MW-6	9/16/2010	<50	---	<0.50	<1.0	<1.0	<1.0	---	<1.0	---	---	---	---	---	---	41.50	15.00	26.50	---	3.65
MW-6	**3/18/2011**	**<50**	**---**	**<0.50**	**<0.50**	**<0.50**	**<1.0**	**---**	**<1.0**	**---**	**---**	**---**	**---**	**---**	**---**	**41.50**	**12.04**	**29.46**	**---**	**2.01**
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*	*TPPH (ug/L)*	*TEPH (ug/L)*	*B (ug/L)*	*T (ug/L)*	*E (ug/L)*	*X (ug/L)*	*MTBE 8020 (ug/L)*	*MTBE 8260 (ug/L)*	*DIPE (ug/L)*	*ETBE (ug/L)*	*TAME (ug/L)*	*TBA (ug/L)*	*1,2-DCA (ug/L)*	*EDB (ug/L)*	*TOC (MSL)*	*Depth to Water (ft.)*	*GW Elevation (MSL)*	*SPH Thickness (ft.)*	*DO Reading (ppm)*
MW-7	12/27/2002	49,000	---	830	980	2,000	5,200	---	<10	<10	<10	<10	<100	<10	<10	44.45	15.43	29.02	---	2.1
MW-7	3/5/2003	32,000	---	370	490	1,600	2,900	---	<100	---	---	---	---	---	---	44.45	16.34	28.11	---	2.6
MW-7	6/24/2003	Well inaccessible		---	---	---	---	---	---	---	---	---	---	---	---	44.45	---	---	---	---
MW-7	9/25/2003	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	3/4/2004	13,000	---	200	190	1,200	1,200	---	<5.0	---	---	---	---	---	---	44.45	15.45	29.00	---	0.1
MW-7	5/27/2004	16,000	---	76	56	860	420	---	<5.0	---	---	---	---	---	---	44.45	17.50	26.95	---	0.5
MW-7	9/24/2004	8,400	---	26	14	340	200	---	<5.0	<20	<20	<20	<50	---	---	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	3/2/2005	13,000	---	130	140	740	980	---	<10	---	---	<20	<100	<5.0	---	44.45	14.53	29.92	---	0.7
MW-7	6/30/2005	9,900	---	27	48	380	520	---	<10	---	---	---	---	---	---	44.45	15.92	28.53	---	0.9
MW-7	9/20/2005	7,700	---	30	53	380	570	---	<5.0	36	<20	<20	<50	---	---	44.45	17.28	27.17	---	1.4
MW-7	12/5/2005	2,900	---	20	<2.5	270	19	---	<2.5	---	---	---	---	---	---	44.45	17.40	27.05	---	0.56
MW-7	3/2/2006	3,900 g	---	27	31	240 g	190	---	1.1	---	---	---	---	---	---	44.45	15.00	29.45	---	0.9
MW-7 (n)	6/29/2006	---	---	---	---	---	---	---	---	---	---	---	---	---	---	44.45	---	---	---	---
MW-7 (o)	6/30/2006	10,800	---	13.8	49.4	474	640	---	<0.500	---	---	---	---	---	---	44.45	15.35	29.10	---	0.54
MW-7	7/6/2006	---	---	---	---	---	---	---	---	---	---	---	---	---	---	44.45	15.41	29.04	---	---
MW-7	9/11/2006	7,210	---	4.38	3.96	188	91.6	---	<0.500	<0.500	<0.500	<0.500	<10.0	---	---	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	3/20/2007	5,960	---	11.3	20.6	223	291	---	<0.500	---	---	---	---	---	---	44.45	16.26	28.19	---	1.10
MW-7	6/26/2007	7,900 q	---	5.3	15	410	459	---	<5.0	---	---	---	---	---	---	44.45	17.60	26.85	---	0.83
MW-7	9/11/2007	4,100 q	---	1.9	0.66 r	130	25.6	---	<1.0	0.42 r	<2.0	<2.0	<10	---	---	44.45	18.63	25.82	---	0.97
MW-7	12/26/2007	6,100 q	---	5.9	7.6	290	348	---	<5.0	---	---	---	---	---	---	44.45	17.72	26.73	---	1.3
MW-7	3/19/2008	2,700	---	5.0	2.4	110	97.9	---	<1.0	---	---	---	---	---	---	44.45	16.36	28.09	---	0.47
MW-7	6/5/2008	6,400	---	3.8	<5.0	220	253	---	<5.0	---	---	---	---	---	---	44.45	17.65	26.80	---	0.09
MW-7	9/29/2008	2,500	---	1.6	<1.0	40	8.1	---	<1.0	<2.0	<2.0	<2.0	<10	---	---	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	3/10/2009	3,400	---	22	<5.0	94	92	---	<5.0	---	---	---	---	---	---	44.45	16.21	28.24	---	1.85
MW-7	6/3/2009	3,500	---	6.3	1.5	71	78	---	<1.0	---	---	---	---	---	---	44.45	17.75	26.70	---	0.62
MW-7	9/30/2009	7,900	---	5.1	1.2	84	98	---	<1.0	<2.0	<2.0	<2.0	<10	---	---	44.45	19.64	24.81	---	0.15
MW-7	3/5/2010	3,800	---	12	2.0	66	100	---	<1.0	---	---	---	---	---	---	44.45	15.37	29.08	---	0.26
MW-7	9/16/2010	2,900	---	3.2	1.5	70	120	---	<1.0	<2.0	<2.0	<2.0	<10	---	---	44.45	18.28	26.17	---	0.45
MW-7	**3/18/2011**	**Well inaccessible**		**---**	**---**	**---**	**---**	**---**	**---**	**---**	**---**	**---**	**---**	**---**	**---**	**44.45**	**---**	---	**---**	**---**
MW-7	**3/31/2011**	**2,600**	**---**	**4.4**	**1.4**	**55**	**100**	**---**	**<1.0**	**---**	**---**	**---**	**---**	**---**	**---**	**44.45**	**14.95**	**29.50**	**---**	**2.99**

TABLE 1

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

Well ID	*Date*	*TPPH (ug/L)*	*TEPH (ug/L)*	*B (ug/L)*	*T (ug/L)*	*E (ug/L)*	*X (ug/L)*	*MTBE 8020 (ug/L)*	*MTBE 8260 (ug/L)*	*DIPE (ug/L)*	*ETBE (ug/L)*	*TAME (ug/L)*	*TBA (ug/L)*	*1,2-DCA (ug/L)*	*EDB (ug/L)*	*TOC (MSL)*	*Depth to Water (ft.)*	*GW Elevation (MSL)*	*SPH Thickness (ft.)*	*DO Reading (ppm)*
MW-8	10/21/2002	---	---	---	---	---	---	---	---	---	---	---	---	---	---	43.27	17.70	25.57	---	---
MW-8	12/27/2002	30,000	---	280	220	2,000	5,300	---	<10	<10	<10	<10	<100	<10	<10	43.27	14.25	29.02	---	1.2
MW-8	3/5/2003	30,000	---	220	150	2,100	4,200	---	<100	---	---	---	---	---	---	43.27	15.36	27.91	---	1.3
MW-8	6/24/2003	Well inaccessible		---	---	---	---	---	---	---	---	---	---	---	---	43.27	---	---	---	---
MW-8	9/25/2003	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	3/4/2004	19,000	---	180	95	1,400	3,900	---	<13	---	---	---	---	---	---	43.27	14.63	28.64	---	0.1
MW-8	5/27/2004	19,000	---	230	41	1,100	2,200	---	<13	---	---	---	---	---	---	43.27	16.41	26.86	---	0.5
MW-8	9/24/2004	21,000	---	270	42	1,200	2,600	---	<13	<50	<50	<50	<130	---	---	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	3/2/2005	16,000	---	100	44	890	2,300	---	<10	---	---	<20	<100	<5.0	---	43.27	13.35	29.92	---	0.6
MW-8	6/30/2005	19,000	---	110	41	700	2,100	---	<10	---	---	---	---	---	---	43.27	14.91	28.36	---	0.8
MW-8	9/20/2005	10,000	---	86	25	600	1,400	---	<10	<40	<40	<40	<100	---	---	43.27	16.11	27.16	---	0.8
MW-8	12/5/2005	9,900	---	130	16	600	1,300	---	<10	---	---	---	---	---	---	43.27	16.20	27.07	---	0.56
MW-8	3/2/2006	13,000 g	---	130 g	45	790 g	2,000 g	---	0.54	---	---	---	---	---	---	43.27	14.28	28.99	---	1.1
MW-8 (n)	6/29/2006	---	---	---	---	---	---	---	---	---	---	---	---	---	---	43.27	---	---	---	---
MW-8 (o)	6/30/2006	14,900	---	71.8	14.1	622	1,390	---	<0.500	---	---	---	---	---	---	43.27	14.18	29.09	---	0.50
MW-8	7/6/2006	---	---	---	---	---	---	---	---	---	---	---	---	---	---	43.27	14.39	28.88	---	---
MW-8	9/11/2006	18,700	---	94.2	11.2	683	1,280	---	<0.500	<0.500	<0.500	<0.500	<10.0	---	---	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	3/20/2007	7,780	---	40.4	9.21	230	499	---	0.840	---	---	---	---	---	---	43.27	15.01	28.26	---	0.11
MW-8	6/26/2007	7,500 q	---	36	5.5	360	860	---	<5.0	---	---	---	---	---	---	43.27	16.40	26.87	---	0.59
MW-8	9/11/2007	10,000 q	---	55	7.0	420	1,140	---	<5.0	<10	<10	<10	<50	---	---	43.27	17.42	25.85	---	1.07
MW-8	12/26/2007	10,000 q	---	54	12 r	490	1,740	---	<20	---	---	---	---	---	---	43.27	16.61	26.66	---	1.4
MW-8	3/19/2008	5,800	---	20	<5.0	200	600	---	<5.0	---	---	---	---	---	---	43.27	15.30	27.97	---	0.24
MW-8	6/5/2008	7,600	---	27	<5.0	240	750	---	<5.0	---	---	---	---	---	---	43.27	16.53	26.74	---	0.10
MW-8	9/29/2008	5,600	---	47	<5.0	120	287	---	<5.0	<10	<10	<10	<50	---	---	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	3/10/2009	7,400	---	38	<5.0	210	780	---	<5.0	---	---	---	---	---	---	43.27	15.45	27.82	---	2.40
MW-8	6/3/2009	6,400	---	24	<5.0	210	840	---	<5.0	---	---	---	---	---	---	43.27	16.64	26.63	---	0.84
MW-8	9/30/2009	9,200	---	42	<5.0	120	460	---	<5.0	<10	<10	<10	<50	---	---	43.27	18.20	25.07	---	0.09
MW-8	3/5/2010	6,600	---	15	2.7	100	440	---	<1.0	---	---	---	---	---	---	43.27	15.22	28.05	---	0.36
MW-8	9/16/2010	5,900	---	22	4.0	130	570	---	<2.0	<4.0	<4.0	<4.0	<20	---	---	43.27	16.98	26.29	---	0.26

TABLE 1

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

Well ID	*Date*	*TPPH (ug/L)*	*TEPH (ug/L)*	*B (ug/L)*	*T (ug/L)*	*E (ug/L)*	*X (ug/L)*	*MTBE 8020 (ug/L)*	*MTBE 8260 (ug/L)*	*DIPE (ug/L)*	*ETBE (ug/L)*	*TAME (ug/L)*	*TBA (ug/L)*	*1,2-DCA (ug/L)*	*EDB (ug/L)*	*TOC (MSL)*	*Depth to Water (ft.)*	*GW Elevation (MSL)*	*SPH Thickness (ft.)*	*DO Reading (ppm)*
MW-8	**3/18/2011**	**Well inaccessible**		**---**	**---**	**---**	**---**	**---**	**---**	**---**	**---**	**---**	**---**	**---**	**---**	**43.27**	**---**	**---**	**---**	**---**
MW-8	**3/31/2011**	**4,900**	**---**	**13**	**3.8**	**130**	**520**	**---**	**<4.0**	**---**	**---**	**---**	**---**	**---**	**---**	**43.27**	**13.61**	**29.66**	**---**	**2.88**
MW-9	12/10/2003	---	---	---	---	---	---	---	---	---	---	---	---	---	---	41.65	15.15	26.50	---	---
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	3/4/2004	<50	---	<0.50	<0.50	<0.50	<1.0	---	<0.50	---	---	---	---	---	---	41.65	12.15	29.50	---	0.2
MW-9	5/27/2004	<50	---	<0.50	<0.50	<0.50	<1.0	---	<0.50	---	---	---	---	---	---	41.65	14.55	27.10	---	0.5
MW-9	9/24/2004	<50	---	<0.50	<0.50	<0.50	<1.0	---	<0.50	<2.0	<2.0	<2.0	<5.0	---	---	41.65	16.37	25.28	---	1.0
MW-9	11/22/2004	<50 d	---	<0.50	<0.50	<0.50	<1.0	---	<0.50	---	---	---	---	---	---	41.65	15.62	26.03	---	0.3
MW-9	3/2/2005	100	---	<0.50	<1.0	1.4	3.8	---	<1.0	---	---	<2.0	<10	<0.50	---	41.65	11.40	30.25	---	0.4
MW-9	6/30/2005	<50	---	<0.50	<0.50	<0.50	<1.0	---	<0.50	---	---	---	---	---	---	41.65	12.70	28.95	---	1.3
MW-9	9/20/2005	<50	---	<0.50	<0.50	<0.50	1.8	---	<0.50	<2.0	<2.0	<2.0	<5.0	---	---	41.65	14.38	27.27	---	1.2
MW-9	12/5/2005	<50	---	<0.50	<0.50	<0.50	0.65	---	<0.50	---	---	---	---	---	---	41.65	14.25	27.40	---	1.13
MW-9	3/2/2006	<50 h	---	<0.50	<0.50	<0.50 h	<0.50 h	---	<0.50	---	---	---	---	---	---	41.65	11.87	29.78	---	0.9
MW-9 (m)	6/29/2006	---	---	---	---	---	---	---	---	---	---	---	---	---	---	41.65	12.35	29.30	---	0.55
MW-9 (o)	6/30/2006	---	---	---	---	---	---	---	---	---	---	---	---	---	---	41.65	12.37	29.28	---	---
MW-9 (p)	7/6/2006	<50.0	---	<0.500	<0.500	<0.500	<0.500	---	<0.500	---	---	---	---	---	---	41.65	12.46	29.19	---	0.58
MW-9	9/11/2006	<50.0	---	<0.500	<0.500	<0.500	<0.500	---	<0.500	<0.500	<0.500	<0.500	<10.0	---	---	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	3/20/2007	<50.0	---	<0.500	<0.500	<0.500	<1.00	---	<0.500	---	---	---	---	---	---	41.65	13.35	28.30	---	1.20
MW-9	6/26/2007	86 q	---	<0.50	<1.0	<1.0	<1.0	---	<1.0	---	---	---	---	---	---	41.65	14.80	26.85	---	0.91
MW-9	9/11/2007	<50 q	---	0.15 r	<1.0	<1.0	<1.0	---	<1.0	<2.0	<2.0	<2.0	<10	---	---	41.65	15.70	25.95	---	1.04
MW-9	12/26/2007	<50 q	---	<0.50	<1.0	<1.0	<1.0	---	<1.0	---	---	---	---	---	---	41.65	14.86	26.79	---	2.0
MW-9	3/19/2008	<50	---	<0.50	<1.0	<1.0	<1.0	---	<1.0	---	---	---	---	---	---	41.65	13.39	28.26	---	0.27
MW-9	6/5/2008	<50	---	<0.50	<1.0	<1.0	<1.0	---	<1.0	---	---	---	---	---	---	41.65	14.77	26.88	---	1.34
MW-9	9/29/2008	<50	---	<0.50	<1.0	<1.0	<1.0	---	<1.0	<2.0	<2.0	<2.0	<10	---	---	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	3/10/2009	<50	---	<0.50	<1.0	<1.0	<1.0	---	<1.0	---	---	---	---	---	---	41.65	13.22	28.43	---	1.58
MW-9	6/3/2009	<50	---	<0.50	<1.0	<1.0	<1.0	---	<1.0	---	---	---	---	---	---	41.65	14.84	26.81	---	0.55
MW-9	9/30/2009	<50	---	<0.50	<1.0	<1.0	<1.0	---	<1.0	<2.0	<2.0	<2.0	<10	---	---	41.65	16.91	24.74	---	0.18
MW-9	3/5/2010	<50	---	<0.50	<1.0	<1.0	<1.0	---	<1.0	---	---	---	---	---	---	41.65	11.96	29.69	---	0.22
MW-9	9/16/2010	<50	---	<0.50	<1.0	<1.0	<1.0	---	<1.0	<2.0	<2.0	<2.0	<10	---	---	41.65	15.28	26.37	---	0.74
MW-9	**3/18/2011**	**<50**	**---**	**<0.50**	**<0.50**	**<0.50**	**<1.0**	**---**	**<1.0**	**---**	**---**	**---**	**---**	**---**	**---**	**41.65**	**11.30**	**30.35**	**---**	**0.71**

TABLE 1

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

Well ID	*Date*	*TPPH (ug/L)*	*TEPH (ug/L)*	*B (ug/L)*	*T (ug/L)*	*E (ug/L)*	*X (ug/L)*	*MTBE 8020 (ug/L)*	*MTBE 8260 (ug/L)*	*DIPE (ug/L)*	*ETBE (ug/L)*	*TAME (ug/L)*	*TBA (ug/L)*	*1,2-DCA (ug/L)*	*EDB (ug/L)*	*TOC (MSL)*	*Depth to Water (ft.)*	*GW Elevation (MSL)*	*SPH Thickness (ft.)*	*DO Reading (ppm)*
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	---	---	<4.0	<10	<1.0	---	50.64	23.58	27.06	---	0.3
MW-10	3/4/2004	1,400	---	1.2	<1.0	16	3.4	---	<1.0	---	---	<4.0	<10	<1.0	---	50.64	21.20	29.44	---	0.1
MW-10	5/27/2004	810	---	<1.0	<1.0	8.3	<2.0	---	<1.0	---	---	<4.0	<10	<1.0	---	50.64	23.63	27.01	---	0.5
MW-10	9/24/2004	790	---	1.2	<1.0	7.3	<2.0	---	<1.0	<4.0	<4.0	<4.0	<10	<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	---	---	<2.0	<5.0	<0.50	---	50.64	24.62	26.02	---	0.4
MW-10	3/2/2005	920	---	0.60	<1.0	3.5	<1.0	---	<1.0	---	---	<2.0	<10	<0.50	---	50.64	20.72	29.92	---	0.4
MW-10	6/30/2005	470 f	---	<0.50	<0.50	1.4	<1.0	---	<0.50	---	---	<2.0	<5.0	<0.50	---	50.64	21.48	29.16	---	1.4
MW-10	9/20/2005	420	---	<0.50	<0.50	1.2	2.1	---	<0.50	<2.0	<2.0	<2.0	<5.0	<0.50	---	50.64	23.45	27.19	---	2.0
MW-10	12/5/2005	420	---	<0.50	<0.50	1.1	<0.50	---	<0.50	---	---	<0.50	<5.0	<0.50	---	50.64	23.42	27.22	---	0.97
MW-10	3/2/2006	230 h	---	<0.50 h	<0.50	0.83 h	<0.50 h	---	<0.50	---	---	<0.50	<5.0 h	<0.50 j	---	50.64	21.13	29.51	---	1.1
MW-10 (n)	6/29/2006	---	---	---	---	---	---	---	---	---	---	---	---	---	---	50.64	---	---	---	---
MW-10 (o)	6/30/2006	<50.0	---	<0.500	<0.500	<0.500	<0.500	---	<0.500	---	---	<0.500	<10.0	<0.500	---	50.64	21.49	29.15	---	0.37
MW-10	7/6/2006	---	---	---	---	---	---	---	---	---	---	---	---	---	---	50.64	21.60	29.04	---	---
MW-10	9/11/2006	250	---	<0.500	<0.500	<0.500	<0.500	---	<0.500	<0.500	<0.500	<0.500	<10.0	<0.500	---	50.64	22.62	28.02	---	0.98
MW-10	12/28/2006	Well inaccessible		---	---	---	---	---	---	---	---	---	---	---	---	50.64	---	---	---	---	
MW-10	3/20/2007	158	---	<0.500	<0.500	<0.500	<1.00	---	<0.500	---	---	<1.00	<50.0	<0.500	---	50.64	22.30	28.34	---	0.10
MW-10	6/26/2007	230 q	---	0.15 r	<1.0	0.43 r	<1.0	---	<1.0	---	---	<2.0	<10	<0.50	---	50.64	23.75	26.89	---	1.54
MW-10	9/11/2007	62 q	---	<0.50	<1.0	<1.0	<1.0	---	<1.0	<2.0	<2.0	<2.0	<10	<0.50	---	50.64	24.78	25.86	---	0.98
MW-10	12/26/2007	200 q, t	---	0.15 r	<1.0	0.30 r	<1.0	---	<1.0	---	---	<2.0	<10	<0.50	---	50.64	23.86	26.78	---	0.9
MW-10	3/19/2008	170 q	---	<0.50	<1.0	<1.0	<1.0	---	<1.0	---	---	<2.0	<10	<0.50	---	50.64	22.46	28.18	---	0.10
MW-10	6/5/2008	150	---	<0.50	<1.0	<1.0	<1.0	---	<1.0	<2.0	<2.0	<2.0	<10	<0.50	---	50.64	23.76	26.88	---	0.11
MW-10	9/29/2008	130	---	<0.50	<1.0	<1.0	1.4	---	<1.0	<2.0	<2.0	<2.0	<10	<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	---	---	<2.0	<10	<0.50	---	50.64	22.39	28.25	---	0.26
MW-10	3/10/2009	120	---	<0.50	<1.0	<1.0	1.8	---	<1.0	---	---	<2.0	<10	<0.50	---	50.64	21.79	28.85	---	0.40
MW-10	6/3/2009	130	---	<0.50	<1.0	<1.0	<1.0	---	<1.0	<2.0	<2.0	<2.0	<10	<0.50	---	50.64	23.85	26.79	---	2.11
MW-10	9/30/2009	59	---	<0.50	<1.0	<1.0	<1.0	---	<1.0	<2.0	<2.0	<2.0	<10	<0.50	---	50.64	25.86	24.78	---	0.11
MW-10	3/5/2010	380	---	<0.50	<1.0	<1.0	<1.0	---	<1.0	<2.0	<2.0	<2.0	<10	<0.50	---	50.64	21.11	29.53	---	0.14
MW-10	9/16/2010	180	---	<0.50	<1.0	<1.0	<1.0	---	<1.0	<2.0	<2.0	<2.0	<10	<0.50	---	50.64	24.45	26.19	---	0.17
MW-10	**3/18/2011**	**74**	**---**	**<0.50**	**<0.50**	**<0.50**	**<1.0**	**---**	**<1.0**	**---**	**---**	**<1.0**	**<10**	**<0.50**	**---**	**50.64**	**21.49**	**29.15**	**---**	**1.86**
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	---	---	<800	18,000	<200	---	45.58	18.50	27.08	---	0.3
MW-11	3/4/2004	68,000	---	5,300	3,000	3,600	23,000	---	8,300	---	---	<200	12,000	<50	---	45.58	16.67	28.91	---	0.1

TABLE 1

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

Well ID	Date	TPPH (ug/L)	TEPH (ug/L)	B (ug/L)	T (ug/L)	E (ug/L)	X (ug/L)	MTBE 8020 (ug/L)	MTBE 8260 (ug/L)	DIPE (ug/L)	ETBE (ug/L)	TAME (ug/L)	TBA (ug/L)	1,2-DCA (ug/L)	EDB (ug/L)	TOC (MSL)	Depth to Water (ft.)	GW Elevation (MSL)	SPH Thickness (ft.)	DO Reading (ppm)
MW-11	5/27/2004	86,000	---	8,500	3,200	13,000	22,000	---	25,000	---	---	<400	18,000	<100	---	45.58	18.60	26.98	---	1.6
MW-11	9/24/2004	63,000	---	7,200	2,000	3,000	15,000	---	26,000	<400	<400	<400	17,000	<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	---	---	<400	14,000	<100	---	45.58	19.56	26.02	---	0.3
MW-11	3/2/2005	63,000	---	6,200	6,800	2,200	15,000	---	16,000	---	---	<200	7,800	<50	---	45.58	15.75	29.83	---	4.6
MW-11	6/30/2005	100,000	---	4,200	18,000	3,800	25,000	---	2,500	---	---	<400	3,400	<100	---	45.58	16.92	28.66	---	1.0
MW-11	9/20/2005	65,000	---	3,800	10,000	3,100	19,000	---	3,900	<400	<400	<400	4,600	<100	---	45.58	18.43	27.15	---	---
MW-11	12/5/2005	69,000	---	4,000	10,000	3,100	16,000	---	7,400	---	---	<50	4,400	<50	---	45.58	18.26	27.32	---	0.70
MW-11	3/2/2006	76,000 g	---	4,000 g	13,000 g	2,900 g	16,000 g	---	6,100 g	---	---	36	420 k	<0.50 j	---	45.58	16.13	29.45	---	0.9
MW-11	4/19/2006	116,000	---	4,780	12,000	3,280	20,200	---	5,550	---	---	34.6	4,010	<0.500	---	45.58	15.30	30.28	---	0.86
MW-11	5/1/2006	129,000	---	4,180	15,100	3,180	18,700	---	4,510	---	---	28.9	3,130	92.1	---	45.58	15.43	30.15	---	0.97
MW-11 (n)	6/29/2006	---	---	---	---	---	---	---	---	---	---	---	---	---	---	45.58	---	---	---	---
MW-11 (o)	6/30/2006	119,000	---	4,420	11,300	2,650	17,200	---	4,490	---	---	22.8	2,700	<0.500	---	45.58	15.49	30.09	---	0.49
MW-11	7/6/2006	---	---	---	---	---	---	---	---	---	---	---	---	---	---	45.58	16.61	28.97	---	---
MW-11	7/31/2006	<50.0	---	4,870	11,400	2,890	20,400	---	4,880	---	---	27.2	3,120	<0.500	---	45.58	17.00	28.58	---	0.36
MW-11	8/23/2006	115,000	---	5,230	8,720	2,680	16,900	---	4,860	---	---	29.6	3,670	<10.0	---	45.58	17.28	28.30	---	0.7
MW-11	9/11/2006	9,090	---	5,140	8,400	3,040	17,700	---	5,310	<0.500	<0.500	134	4,240	<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	---	---	<0.500	2,530	<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	---	---	<10	4,000	<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	---	---	<200	2,500	<50	---	45.58	17.20	28.38	---	0.9
MW-11	1/25/2007	68,000	---	2,900	9,600	2,200	13,000	---	2,400	---	---	<200	2,400	<50	---	45.58	18.10	27.48	---	0.7
MW-11	2/19/2007	88,000	---	3,600	17,000	3,200	20,000	---	2,200	---	---	25	4,000	<5.0	---	45.58	17.89	27.69	---	0.2
MW-11	3/20/2007	77,600	---	3,140 l	12,800 l	3,060 l	17,600 l	---	1,930 l	---	---	<200 l	<10,000 l	<100 l	---	45.58	17.30	28.28	---	0.38
MW-11	4/5/2007	67,000 q	---	3,200	9,600	3,200	14,300	---	1,800	---	---	<100	2,900	<25	---	45.58	17.50	28.08	---	0.72
MW-11	6/1/2007	65,000 q	---	3,100	11,000	3,200	17,900	---	1,700	---	---	---	---	---	---	45.58	18.32	27.26	---	1.18
MW-11	6/26/2007	52,000 q	---	2,200	8,000	2,200	13,700	---	1,300	---	---	<200	2,300	<50	---	45.58	18.70	26.88	---	0.24
MW-11	7/19/2007	62,000 q	---	2,500	9,600	2,400	16,300	---	1,500	---	---	---	---	---	---	45.58	18.10	27.48	---	3.42
MW-11	8/14/2007	65,000 q	---	3,000	11,000	3,000	17,600	---	1,000	---	---	---	---	---	---	45.58	19.30	26.28	---	1.1
MW-11	9/11/2007	45,000 q	---	2,000	6,300	2,100	11,900	---	960	<100	<100	<100	2,100	<25	---	45.58	19.65	25.93	---	0.86
MW-11	10/26/2007	58,000 q	---	2,500	9,300	3,200	17,700	---	900	---	---	---	---	---	---	45.58	19.42	26.16	---	1.2
MW-11	11/13/2007	64,000 q	---	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 q	---	2,300	11,000	3,800	23,400	---	1,300	---	---	<40	1,400	<10	---	45.58	18.68	26.90	---	0.9
MW-11	1/3/2008	64,000 q	---	2,600	10,000	4,400	23,600	---	1,300	---	---	---	---	---	---	45.58	18.86	26.72	---	1.65
MW-11	2/21/2008	70,000 q	---	2,400	9,200	3,700	18,700	---	440	---	---	---	---	---	---	45.58	16.70	28.88	---	0.9
MW-11	3/19/2008	65,000 q	---	2,500	7,700	3,700	19,700	---	520	---	---	<100	810	<25	---	45.58	17.34	28.26	0.02	0.07

TABLE 1

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

Well ID	*Date*	*TPPH (ug/L)*	*TEPH (ug/L)*	*B (ug/L)*	*T (ug/L)*	*E (ug/L)*	*X (ug/L)*	*MTBE 8020 (ug/L)*	*MTBE 8260 (ug/L)*	*DIPE (ug/L)*	*ETBE (ug/L)*	*TAME (ug/L)*	*TBA (ug/L)*	*1,2-DCA (ug/L)*	*EDB (ug/L)*	*TOC (MSL)*	*Depth to Water (ft.)*	*GW Elevation (MSL)*	*SPH Thickness (ft.)*	*DO Reading (ppm)*
MW-11	4/16/2008	86,000	---	3,000	8,200	4,500	24,300	---	280	---	---	---	---	---	---	45.58	17.78	27.80	---	1.40
MW-11	5/29/2008	70,000	---	1,900	6,000	3,200	16,500	---	110	---	---	---	---	---	---	45.58	18.52	27.06	---	0.43
MW-11	6/5/2008	72,000	---	1,800	6,700	3,300	18,000	---	120	<100	<100	<100	<500	<25	---	45.58	18.63	26.95	---	0.21
MW-11	7/22/2008	100,000	---	1,100	9,200	3,800	24,900	---	<100	---	---	---	---	---	---	45.58	19.41	26.17	---	1.31
MW-11	9/29/2008	110,000	---	1,500	10,000	4,300	27,200	---	210	<100	<100	<100	<500	<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	---	---	<200	<1,000	<50	---	45.58	19.75	25.83	---	0.52
MW-11	3/10/2009	92,000	---	490	11,000	4,000	30,000	---	<100	---	---	<200	<1,000	<50	---	45.58	16.40	29.18	---	0.50
MW-11	6/3/2009	74,000	---	120	6,900	3,500	24,000	---	<100	<200	<200	<200	<1,000	<50	---	45.58	18.91	26.67	---	0.10
MW-11	9/30/2009	86,000	6,800 t, u	100	6,200	4,100	26,000	---	<100	<200	<200	<200	<1,000	<50	---	45.58	20.84	24.74	---	0.27
MW-11	3/5/2010	75,000	---	240	4,800	2,600	17,000	---	<50	<100	<100	<100	<500	<25	---	45.58	16.08	29.50	---	0.89
MW-11	9/16/2010	43,000	---	760	3,400	2,300	13,000	---	<50	<100	<100	<100	550	<25	---	45.58	19.34	26.24	---	0.26
MW-11	**3/18/2011**	**38,000**	**---**	**470**	**4,100**	**2,200**	**13,000**	**---**	**<100**	**---**	**---**	**<100**	**<1000**	**<50**	**---**	**45.58**	**11.08**	**34.50**	**---**	**0.66**
MW-12	6/26/2006	---	---	---	---	---	---	---	---	---	---	---	---	---	---	44.10	14.75	29.35	---	---
MW-12 (n)	6/29/2006	---	---	---	---	---	---	---	---	---	---	---	---	---	---	44.10	---	---	---	---
MW-12 (o)	6/30/2006	95,000	---	3,930	8,900	2,110	10,400	---	<0.500	---	---	---	---	---	---	44.10	15.00	29.10	---	0.62
MW-12	7/6/2006	---	---	---	---	---	---	---	---	---	---	---	---	---	---	44.10	15.10	29.00	---	---
MW-12	9/11/2006	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	3/20/2007	30,100	---	508	352	341	748	---	<0.500	---	---	---	---	---	---	44.10	15.81	28.29	---	1.44
MW-12	6/26/2007	32,000 q	---	2,700	1,200	2,100	3,700	---	<20	---	---	---	---	---	---	44.10	17.29	26.81	---	0.40
MW-12	9/11/2007	21,000 q	---	810	720	860	1,950	---	<20	---	---	---	---	---	---	44.10	18.08	26.02	---	1.21
MW-12	12/26/2007	20,000 q	---	2,000	600	1,400	2,870	---	<20	---	---	---	---	---	---	44.10	17.44	26.66	---	1.3
MW-12	3/19/2008	12,000	---	1,000	460	630	1,490	---	<20	---	---	---	---	---	---	44.10	15.97	28.13	---	0.28
MW-12	6/5/2008	22,000	---	860	530	930	2,340	---	<10	---	---	---	---	---	---	44.10	17.28	26.82	---	0.10
MW-12	9/29/2008	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	3/10/2009	6,400	---	720	110	450	570	---	<10	---	---	---	---	---	---	44.10	15.55	28.55	---	2.25
MW-12	6/3/2009	14,000	---	1,000	370	800	2,400	---	<10	---	---	---	---	---	---	44.10	17.47	26.63	---	1.03
MW-12	9/30/2009	27,000	---	1,100	260	930	2,800	---	<10	---	---	---	---	---	---	44.10	19.44	24.66	---	0.01
MW-12	3/5/2010	6,500	---	630	47	220	390	---	<5.0	---	---	---	---	---	---	44.10	14.65	29.45	---	0.11
MW-12	9/16/2010	7,500	---	490	83	200	720	---	<5.0	---	---	---	---	---	---	44.10	18.16	25.94	---	0.21
MW-12	**3/18/2011**	**Well Inaccessible**		**---**	**---**	**---**	**---**	**---**	**---**	**---**	**---**	**---**	**---**	**---**	**---**	**44.10**	**---**	**---**	**---**	**---**
MW-12	**3/31/2011**	**6,400**	**---**	**760**	**98**	**190**	**550**	**---**	**<10**	**---**	**---**	**---**	**---**	**---**	**---**	**44.10**	**13.48**	**30.62**	**---**	**2.20**

TABLE 1

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

Well ID	*Date*	*TPPH (ug/L)*	*TEPH (ug/L)*	*B (ug/L)*	*T (ug/L)*	*E (ug/L)*	*X (ug/L)*	*MTBE 8020 (ug/L)*	*MTBE 8260 (ug/L)*	*DIPE (ug/L)*	*ETBE (ug/L)*	*TAME (ug/L)*	*TBA (ug/L)*	*1,2-DCA (ug/L)*	*EDB (ug/L)*	*TOC (MSL)*	*Depth to Water (ft.)*	*GW Elevation (MSL)*	*SPH Thickness (ft.)*	*DO Reading (ppm)*
MW-13	6/26/2006	---	---	---	---	---	---	---	---	---	---	---	---	---	---	41.59	12.10	29.49	---	---
MW-13 (m)	6/29/2006	---	---	---	---	---	---	---	---	---	---	---	---	---	---	41.59	12.47	29.12	---	0.61
MW-13 (o)	6/30/2006	---	---	---	---	---	---	---	---	---	---	---	---	---	---	41.59	12.25	29.34	---	---
MW-13 (p)	7/6/2006	<50.0	---	<0.500	<0.500	<0.500	<0.500	---	<0.500	<0.500	<0.500	<0.500	<10.0	<0.500	---	41.59	12.35	29.24	---	0.24
MW-13	9/11/2006	<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	3/20/2007	<50.0	---	1.41	2.36	2.20	6.29	---	<0.500	---	---	---	---	---	---	41.59	13.12	28.47	---	0.14
MW-13	6/26/2007	58 q	---	0.20 r	<1.0	<1.0	<1.0	---	<1.0	---	---	---	---	---	---	41.59	14.68	26.91	---	0.38
MW-13	9/11/2007	<50 q	---	0.69	0.30 r	<1.0	<1.0	---	<1.0	---	---	---	---	---	---	41.59	15.51	26.08	---	0.92
MW-13	12/26/2007	<50 q	---	0.24 r	<1.0	<1.0	<1.0	---	<1.0	---	---	---	---	---	---	41.59	14.74	26.85	---	1.0
MW-13	3/19/2008	<50	---	<0.50	<1.0	<1.0	<1.0	---	<1.0	---	---	---	---	---	---	41.59	13.28	28.31	---	0.34
MW-13	6/5/2008	<50	---	<0.50	<1.0	<1.0	<1.0	---	<1.0	---	---	---	---	---	---	41.59	14.65	26.94	---	0.15
MW-13	9/29/2008	<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	3/10/2009	<50	---	<0.50	<1.0	<1.0	<1.0	---	<1.0	---	---	---	---	---	---	41.59	12.75	28.84	---	1.52
MW-13	6/3/2009	<50	---	<0.50	<1.0	<1.0	<1.0	---	<1.0	---	---	---	---	---	---	41.59	14.90	26.69	---	0.99
MW-13	9/30/2009	<50	---	<0.50	<1.0	<1.0	<1.0	---	<1.0	---	---	---	---	---	---	41.59	16.82	24.77	---	0.20
MW-13	3/5/2010	<50	---	<0.50	<1.0	<1.0	<1.0	---	<1.0	---	---	---	---	---	---	41.59	11.87	29.72	---	0.18
MW-13	9/16/2010	<50	---	<0.50	<1.0	<1.0	<1.0	---	<1.0	---	---	---	---	---	---	41.59	15.10	26.49	---	0.20
MW-13	**3/18/2011**	**<50**	**---**	**<0.50**	**<0.50**	**<0.50**	**<1.0**	**---**	**<1.0**	**---**	**---**	**---**	**---**	**---**	**---**	**41.59**	**12.12**	**29.47**	**---**	**0.68**
P-1A	9/15/2008	---	---	---	---	---	---	---	---	---	---	---	---	---	---	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	9/15/2008	---	---	---	---	---	---	---	---	---	---	---	---	---	---	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	9/15/2008	---	---	---	---	---	---	---	---	---	---	---	---	---	---	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	9/15/2008	---	---	---	---	---	---	---	---	---	---	---	---	---	---	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

TABLE 1

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

Well ID	*Date*	*TPPH (ug/L)*	*TEPH (ug/L)*	*B (ug/L)*	*T (ug/L)*	*E (ug/L)*	*X (ug/L)*	*MTBE 8020 (ug/L)*	*MTBE 8260 (ug/L)*	*DIPE (ug/L)*	*ETBE (ug/L)*	*TAME (ug/L)*	*TBA (ug/L)*	*1,2-DCA (ug/L)*	*EDB (ug/L)*	*TOC (MSL)*	*Depth to Water (ft.)*	*GW Elevation (MSL)*	*SPH Thickness (ft.)*	*DO Reading (ppm)*
P-3A	9/15/2008	---	---	---	---	---	---	---	---	---	---	---	---	---	---	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	9/15/2008	---	---	---	---	---	---	---	---	---	---	---	---	---	---	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	9/15/2008	---	---	---	---	---	---	---	---	---	---	---	---	---	---	45.00	19.95	25.05	---	---
P-4A	10/2/2008	---	---	---	---	---	---	---	---	---	---	---	---	---	---	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	9/15/2008	---	---	---	---	---	---	---	---	---	---	---	---	---	---	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

Abbreviations:
TPPH = Total petroleum hydrocarbons as gasoline by EPA Method 8260B; prior to June 11, 2001, analyzed by EPA Method 8015.
TEPH = Total petroleum hydrocarbons as diesel by modified EPA Method 8015.
BTEX = Benzene, toluene, ethylbenzene, xylenes by EPA Method 8260B; prior to June 11, 2001, analyzed by EPA Method 8020.
MTBE = Methyl tertiary-butyl ether
DIPE = Di-isopropyl ether, analyzed by EPA Method 8260
ETBE = Ethyl tertiary-butyl ether, analyzed by EPA Method 8260
TAME = Tertiary-amyl methyl ether, analyzed by EPA Method 8260
TBA = Tertiary-butyl alcohol, analyzed by EPA Method 8260
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
SPH = Separate-phase hydrocarbons
GW = Groundwater
DO = Dissolved oxygen
ug/L = Parts per billion
ppm = Parts per million
MSL = Mean sea level
ft. = Feet
<n = Below detection limit
(D) = Duplicate sample

TABLE 1

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

Well ID	*Date*	*TPPH (ug/L)*	*TEPH (ug/L)*	*B (ug/L)*	*T (ug/L)*	*E (ug/L)*	*X (ug/L)*	*MTBE 8020 (ug/L)*	*MTBE 8260 (ug/L)*	*DIPE (ug/L)*	*ETBE (ug/L)*	*TAME (ug/L)*	*TBA (ug/L)*	*1,2-DCA (ug/L)*	*EDB (ug/L)*	*TOC (MSL)*	*Depth to Water (ft.)*	*GW Elevation (MSL)*	*SPH Thickness (ft.)*	*DO Reading (ppm)*

--- = Not applicable

Notes:
a = Chromatogram pattern indicates an unidentified hydrocarbon.
b = Samples not analyzed due to laboratory oversight.
c = Hydrocarbon does not match pattern of laboratory's standard.
d = The concentration reported reflects individual or discrete unidentified peaks not matching a typical fuel pattern.
e = Estimated value. The concentration exceeded the calibration of analysis.
f = Quantity of unknown hydrocarbon(s) in sample based on gasoline.
g = Sample was originally analyzed within the EPA recommended hold time. Re-analysis for dilution was performed past the recommended hold time.
h = Sample was originally analyzed within the EPA recommended hold time. Re-analysis for confirmation was performed past the recommended hold time.
i = The result for this hydrocarbon is elevated due to the presence of single analyte peak(s) in the quantitation range.
j = Result was reported with a possible low bias due to the continuing calibration verification falling outside the acceptance criteria.
k = The result was reported with a possible low bias due to the continuing calibration verification falling outside the acceptance criteria.
l = Sample required dilution due to high concentrations of target analyte.
m = Well resampled on July 6, 2006 due to laboratory error.
n = Well not accessed due to equipment malfunction.
o = All wells re-gauged on June 30, 2006 prior to sampling.
p = Wells resampled for 2Q06 event due to laboratory error.
q = Analyzed by EPA Method 8015B (M).
r = Analyte was detected at a concentration below the reporting limit and above the laboratory method detection limit. Reported value is estimated.
t = 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.
u = the sample extract was subjected to Silica Gel treatment prior to analysis
* = Sample analyzed out of EPA recommended hold time.
When Separate-Phase Hydrocarbons are present, the groundwater elevation is adjusted using the following formula: GWE = TOC – DTW + 0.8 * SPH thickness.
Site surveyed January 23, 2002 by Virgil Chavez Land Surveying of Vallejo, CA.
Wells MW-7 and MW-8 surveyed by Virgil Chavez Land Surveying of Vallejo, CA
Wells MW-9, MW-10, and MW-11 surveyed December 11, 2003 by Virgil Chavez Land Surveying of Vallejo, CA.
Wells MW-12 and MW-13 surveyed on June 9, 2006 by Virgil Chavez Land Surveying of Vallejo, CA.

APPENDIX A

BLAINE TECH SERVICES, INC. –
FIELD NOTES

WELL GAUGING DATA

Project # 1103192-101 Date 3-18-11 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 TOC (TOC circled)	Notes
MW-1A	0900	4					20.60	26.26	↓	
MW-1B	0850	4					19.00	49.65		
MW-2B	0905	4					16.78	48.96		
MW-3	0915	4		—	—	—	23.17	41.50		
MW-4	1100	2					11.08	24.65		(TV)
MW-5	1140	2					12.41	24.85		(TV)
MW-6	1205	2					12.04	19.49		(TV)
MW-7			not	Accessed		due to	wet weather			(TV)
MW-8			"	↓		↓	"			(TV)
MW-9	1010	2					11.30	37.75		(TV)
MW-10	1155	4	parked	over			21.49	31.63		
MW-11	1100	4	odor	—	—	—	11.08	24.65		
MW-12		not	accessed	due to	wet	weather				(TV)
MW-13	1005	2					12.12	23.84		(TV)
EW-1	0920	4					20.09	34.91		
EW-2	0925	4					16.41	32.63	↓	
* All	caps	opened		15	min	prior	to Gauging			

SHELL WELL MONITORING DATA SHEET

BTS #: 10310-J01	Site: 1784 150th Ave
Sampler: JO / JR	Date: 3-18-11
Well I.D.: MW-1A	Well Diameter: 2 3 (4) 6 8 ____
Total Well Depth (TD): 26.26	Depth to Water (DTW): 20.60
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]: 21.79	

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

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

3.8 (Gals.) X	3	=	11.4	Gals.
1 Case Volume	Specified Volumes		Calculated Volume	

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

Time	Temp (°F)	pH	Cond. (mS or (µS))	Turbidity (NTUs)	Gals. Removed	Observations
1135	64.6	6.91	1429	12	3.8	
	Dewatered @ 4 gallons					
1200	64.6	6.93	1431	16	—	

Did well dewater? (Yes) No Gallons actually evacuated: 4.0

Sampling Date: 3-18-11 Sampling Time: 1200 Depth to Water: 21.62

Sample I.D.: MW-1A 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)	0.62 mg/L
O.R.P. (if req'd):	Pre-purge:	mV	Post-purge:	mV

SHELL WELL MONITORING DATA SHEET

BTS #: 110310-JO1	Site: 1784 150th AVE
Sampler: JO / JP	Date: 3-18-11
Well I.D.: MW-~~AA~~ 1B	Well Diameter: 2 3 (4) 6 8 ___
Total Well Depth (TD): 49.65	Depth to Water (DTW): 19.00
Depth to Free Product: —	Thickness of Free Product (feet): —
Referenced to: (PVC) Grade	D.O. Meter (if req'd): YSI HACH
DTW with 80% Recharge [(Height of Water Column x 0.20) + DTW]: 25.13	

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:_____

19.9 (Gals.) X 3 = 59.7 Gals.
1 Case Volume | Specified Volumes | Calculated Volume

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

Time	Temp (°F)	pH	Cond. (mS or (µS))	Turbidity (NTUs)	Gals. Removed	Observations
1208	66.0	6.93	1426	>1000	19.9	
1212	65.9	6.97	1420	>1000	39.8	
1216	65.8	6.98	1422	>1000	59.7	

Did well dewater? Yes (No) Gallons actually evacuated: 59.7

Sampling Date: 3-18-11 Sampling Time: 1220 Depth to Water: 21.29

Sample I.D.: MW-1B 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:	0.77 mg/L
O.R.P. (if req'd):	Pre-purge:	mV	Post-purge:	mV

SHELL WELL MONITORING DATA SHEET

BTS #: 11038-JO1	Site: 1784 150th AVE
Sampler: JO / JP	Date: 3-18-11
Well I.D.: MW-2B	Well Diameter: 2 3 (4) 6 8 ____
Total Well Depth (TD): 48.86	Depth to Water (DTW): 16.78
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]: 23.19	

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: ____

208 (Gals.) X 3 = 62.4 Gals.
1 Case Volume | Specified Volumes | Calculated Volume

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

Time	Temp (°F)	pH	Cond. (mS or (µS))	Turbidity (NTUs)	Gals. Removed	Observations
1255	66.0	7.29	1717	106	20.8	
1259	65.9	7.25	1725	121	41.6	
1303	65.9	7.23	1729	113	62.4	

Did well dewater? Yes (No) Gallons actually evacuated: 62.4

Sampling Date: 3-18-11 Sampling Time: 1310 Depth to Water: 19.25

Sample I.D.: MW-2B 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)	0.91	mg/L
O.R.P. (if req'd):	Pre-purge:	mV	Post-purge:		mV

SHELL WELL MONITORING DATA SHEET

BTS #: 110318-JO1	Site: 1784 150TH AVE
Sampler: JO / JP	Date: 3-18-11
Well I.D.: MW-3	Well Diameter: 2 3 (4) 6 8 ___
Total Well Depth (TD): 41.50	Depth to Water (DTW): 23.17
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]: 26.83	

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:_____

11.9 (Gals.) X	3	=	35.7 Gals.	
1 Case Volume	Specified Volumes		Calculated Volume	

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

Time	Temp (°F)	pH	Cond. (mS or (µS))	Turbidity (NTUs)	Gals. Removed	Observations
1317	65.1	6.55	1536	62	11.9	
1320	66.2	6.51	1547	47	23.8	
1323	66.4	6.51	1534	33	35.7	

Did well dewater? Yes (No) Gallons actually evacuated: 35.7

Sampling Date: 3-18-11 Sampling Time: 1330 Depth to Water: 24.58

Sample I.D.: MW-3 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:	0.48 mg/L
O.R.P. (if req'd):	Pre-purge:	mV	Post-purge:	mV

SHELL WELL MONITORING DATA SHEET

BTS #: 110318-JO1	Site: 1784 150th Ave
Sampler: JO / JR	Date: 3-18-11
Well I.D.: MW-4	Well Diameter: (2) 3 4 6 8 ___
Total Well Depth (TD): 24.65	Depth to Water (DTW): 11.08
Depth to Free Product: —	Thickness of Free Product (feet): —
Referenced to: (PVC) Grade	D.O. Meter (if req'd): (YSI) HACH
DTW with 80% Recharge [(Height of Water Column x 0.20) + DTW]: @ ~~13.39~~ 13.79	

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

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

2.1 (Gals.) X	3	= 6.3 Gals.
1 Case Volume	Specified Volumes	Calculated Volume

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

Time	Temp (°F)	pH	Cond. (mS or (µS))	Turbidity (NTUs)	Gals. Removed	Observations
1105	65.0	7.61	1040	421	2.1	
1110	64.8	7.31	1024	621	4.2	
1114	64.7	7.28	1020	781	6.3	

Did well dewater? Yes (No) Gallons actually evacuated: 6.3

Sampling Date: 3-18-11 Sampling Time: 1120 Depth to Water: 12.21

Sample I.D.: MW-4 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:)	0.81 mg/L
O.R.P. (if req'd):	Pre-purge:	mV	Post-purge:	mV

SHELL WELL MONITORING DATA SHEET

BTS #: 110310-JO1	Site: 1784 150th AVE
Sampler: JO / JR	Date: 3-18-11
Well I.D.: MW-5	Well Diameter: (2) 3 4 6 8 ____
Total Well Depth (TD): 24.85	Depth to Water (DTW): 12.41
Depth to Free Product:	Thickness of Free Product (feet):
Referenced to: (PVC) Grade	D.O. Meter (if req'd): (YSI) HACH
DTW with 80% Recharge [(Height of Water Column x 0.20) + DTW]: 14.89	

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

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

2.0 (Gals.) X	3	=	6.0 Gals.
1 Case Volume	Specified Volumes		Calculated Volume

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

Time	Temp (°F)	pH	Cond. (mS or (µS))	Turbidity (NTUs)	Gals. Removed	Observations
1145	61.2	6.85	1066	38	2.0	
1148	64.3	6.97	988.2	55	4.0	
1151	65.1	6.98	947.5	86	6.0	

Did well dewater? Yes (No) Gallons actually evacuated: 6.0

Sampling Date: 3-18-11 Sampling Time: 1155 Depth to Water: 13.25

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	Post-purge:	0.58 mg/L
O.R.P. (if req'd):	Pre-purge:	mV	Post-purge:	mV

SHELL WELL MONITORING DATA SHEET

BTS #: 110310-JO1	Site: 1784 150th AVE
Sampler: JO / JR	Date: 3-18-11
Well I.D.: MW-6	Well Diameter: (2) 3 4 6 8 ____
Total Well Depth (TD): 19.49	Depth to Water (DTW): 12.04
Depth to Free Product:	Thickness of Free Product (feet):
Referenced to: (PVC) Grade	D.O. Meter (if req'd): (YSI) HACH
DTW with 80% Recharge [(Height of Water Column x 0.20) + DTW]: 13.53	

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

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

1.2 (Gals.) X 3 = 3.6 Gals.
1 Case Volume | Specified Volumes | Calculated Volume

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

Time	Temp (°F)	pH	Cond. (mS or (µS))	Turbidity (NTUs)	Gals. Removed	Observations
1212	55.1	6.99	475.5	>1000	1.2	
1215	56.5	6.91	420.3	>1000	2.4	
1217	56.3	6.74	417.8	>1000	3.6	

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

Sampling Date: 3-18-11 Sampling Time: 1220 Depth to Water: 12.37

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

SHELL WELL MONITORING DATA SHEET

BTS #: 110318-JO1	Site: 98996068
Sampler: JO	Date: 3/18/11
Well I.D.: MW-7	Well Diameter: 2 3 4 6 8 ___
Total Well Depth (TD): —	Depth to Water (DTW): —
Depth to Free Product:	Thickness of Free Product (feet):
Referenced to: PVC Grade	D.O. Meter (if req'd): YSI HACH
DTW with 80% Recharge [(Height of Water Column x 0.20) + DTW]:	

Purge Method: Bailer / Disposable Bailer / Positive Air Displacement / Electric Submersible / Waterra / Peristaltic / Extraction Pump / Other _____

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

_____(Gals.) X _____ = _____ Gals.
1 Case Volume | Specified Volumes | Calculated Volume

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

Time	Temp (°F)	pH	Cond. (mS or µS)	Turbidity (NTUs)	Gals. Removed	Observations
	- UNABLE TO ACCESS WELL DUE TO				HEAVY RAIN/	
		UNSAFE WEATHER CONDITIONS				
			NO SAMPLE TAKEN			

Did well dewater? Yes No Gallons actually evacuated:

Sampling Date: Sampling Time: Depth to Water:

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

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

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

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

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

SHELL WELL MONITORING DATA SHEET

BTS #: 110318 - JO1	Site: 98996068
Sampler: JO	Date: 3/18/11
Well I.D.: MW-8	Well Diameter: 2 3 4 6 8 ____
Total Well Depth (TD): —	Depth to Water (DTW): —
Depth to Free Product:	Thickness of Free Product (feet):
Referenced to: PVC Grade	D.O. Meter (if req'd): YSI HACH
DTW with 80% Recharge [(Height of Water Column x 0.20) + DTW]:	

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

Sampling Method: Bailer / Disposable Bailer / Extraction Port / Dedicated Tubing / Other: ____

____ (Gals.) X ____ = ____ Gals.
1 Case Volume | Specified Volumes | Calculated Volume

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

Time	Temp (°F)	pH	Cond. (mS or µS)	Turbidity (NTUs)	Gals. Removed	Observations
	- UNABLE TO ACCESS WELL DUE TO HEAVY RAIN/					
		UNSAFE WEATHER CONDITIONS				
			NO SAMPLE TAKEN			

Did well dewater? Yes No Gallons actually evacuated:

Sampling Date: Sampling Time: Depth to Water:

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

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

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

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

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

SHELL WELL MONITORING DATA SHEET

BTS #: 100319-JO1	Site: 1784 150th Ave
Sampler: JO / JR	Date: 3-18-11
Well I.D.: MW-9	Well Diameter: (2) 3 4 6 8 ____
Total Well Depth (TD): 37.75	Depth to Water (DTW): 11.30
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]: 16.59	

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

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

4.2 (Gals.) X	3	=	12.6 Gals.
1 Case Volume	Specified Volumes		Calculated Volume

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

Time	Temp (°F)	pH	Cond. (mS or (µS))	Turbidity (NTUs)	Gals. Removed	Observations
1033	64.9	7.21	1131	36	4.2	
1040	65.2	7.19	1098	21	8.4	
1047	65.1	7.18	1086	19	12.6	

Did well dewater? Yes (No) Gallons actually evacuated: 12.6

Sampling Date: 3-18-11 Sampling Time: 1050 Depth to Water: 11.92

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	Post-purge:	0.71 mg/L
O.R.P. (if req'd):	Pre-purge:	mV	Post-purge:	mV

SHELL WELL MONITORING DATA SHEET

BTS #: 110510-JO1	Site: 1784 150th Ave
Sampler: JO / JR	Date: 3-18-11
Well I.D.: MW-10	Well Diameter: 2 3 (4) 6 8 ____
Total Well Depth (TD): 31.63	Depth to Water (DTW): 21.49
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]: 23.51	

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: ____

6.6 (Gals.) X	3 =	19.8 Gals.
1 Case Volume	Specified Volumes	Calculated Volume

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

Time	Temp (°F)	pH	Cond. (mS or (µS))	Turbidity (NTUs)	Gals. Removed	Observations
1250	69.0	6.55	732.6	117	6.6	
1252	66.3	6.49	1054	37	13.2	
1253	Well	Dewatered @	14.5 gals		14.5	DTW: 20.96
1305	62.7	6.65	1008	19	—	

Did well dewater? (Yes) No — Gallons actually evacuated: 14.5

Sampling Date: 3-18-11 — Sampling Time: 1305 — Depth to Water: 23.12

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

SHELL WELL MONITORING DATA SHEET

BTS #: 110310-JO1	Site: 1784 150th Ave
Sampler: JO / JP	Date: 3-18-11
Well I.D.: MW-11	Well Diameter: 2 3 (4) 6 8 ___
Total Well Depth (TD): 24.65	Depth to Water (DTW): 11.08
Depth to Free Product:	Thickness of Free Product (feet):
Referenced to: (PVC) Grade	D.O. Meter (if req'd): (YSI) HACH
DTW with 80% Recharge [(Height of Water Column x 0.20) + DTW]: 13.79	

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: _____

8.8 (Gals.) X	3	=	26.4 Gals.
1 Case Volume	Specified Volumes		Calculated Volume

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

Time	Temp (°F)	pH	Cond. (mS or (µS))	Turbidity (NTUs)	Gals. Removed	Observations
1350	63.8	7.13	679.1	92	8.8	
1352	Well Dewatered @ 15.5 gals.				15.5	DTW: 19.17
1430	63.6	7.12	555.2	61	—	

Did well dewater? (Yes) No Gallons actually evacuated: 15.5

Sampling Date: 3-18-11 Sampling Time: 1430 Depth to Water: 13.61

Sample I.D.: MW- 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:	0.66 mg/L
O.R.P. (if req'd):	Pre-purge:	mV	Post-purge:	mV

SHELL WELL MONITORING DATA SHEET

BTS #: 110318-JO1	Site: 98996068
Sampler: JG	Date: 3/18/11
Well I.D.: MW-12	Well Diameter: 2 3 4 6 8 ___
Total Well Depth (TD): —	Depth to Water (DTW): —
Depth to Free Product:	Thickness of Free Product (feet):
Referenced to: PVC Grade	D.O. Meter (if req'd): YSI HACH
DTW with 80% Recharge [(Height of Water Column x 0.20) + DTW]:	

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

Sampling Method: Bailer / Disposable Bailer / Extraction Port / Dedicated Tubing / Other: ____

____ (Gals.) X ____ = ____ Gals.
1 Case Volume | Specified Volumes | Calculated Volume

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

Time	Temp (°F)	pH	Cond. (mS or µS)	Turbidity (NTUs)	Gals. Removed	Observations
	- UNABLE	TO ACCESS	WELL DUE	TO HEAVY RAIN		
		UNSAFE	WEATHER	CONDITIONS		
			NO SAMPLE	TAKEN		

Did well dewater? Yes No Gallons actually evacuated:

Sampling Date: Sampling Time: Depth to Water:

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

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

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

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

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

SHELL WELL MONITORING DATA SHEET

BTS #: 110318-JO1	Site: 1784 150th Ave
Sampler: JO / JP	Date: 3-18-11
Well I.D.: MW-13	Well Diameter: (2) 3 4 6 8 ____
Total Well Depth (TD): 23.84	Depth to Water (DTW): 12.17
Depth to Free Product: —	Thickness of Free Product (feet): —
Referenced to: (PVC) Grade	D.O. Meter (if req'd): (YSI) HACH
DTW with 80% Recharge [(Height of Water Column x 0.20) + DTW]: 14.46	

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

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

1.8 (Gals.) X	3	=	5.4 Gals.
1 Case Volume	Specified Volumes		Calculated Volume

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

Time	Temp (°F)	pH	Cond. (mS or (µS))	Turbidity (NTUs)	Gals. Removed	Observations
1017	65.0	7.48	1131	>1000	1.9	
1019	64.9	7.46	1140	214	3.6	
1021	64.9	7.44	1144	190	5.4	

Did well dewater? Yes (No) Gallons actually evacuated: 5.4

Sampling Date: 3-18-11 Sampling Time: 1025 Depth to Water: 12.72

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

SHELL WELL MONITORING DATA SHEET

BTS #: 110318-JO1	Site: 1784 150th AVE
Sampler: JO / JP	Date: 3-18-11
Well I.D.: ~~MW~~ EW-1	Well Diameter: 2 3 (4) 6 8 ___
Total Well Depth (TD): 34.91	Depth to Water (DTW): 20.09
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]: 23.05	

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: ____

9.6 (Gals.) X	3	=	28.8 Gals.
1 Case Volume	Specified Volumes		Calculated Volume

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

Time	Temp (°F)	pH	Cond. (mS or (µS))	Turbidity (NTUs)	Gals. Removed	Observations
1320	66.0	6.89	847.9	729	9.6	
1322	65.8	6.87	800.2	642	19.2	
1324	65.7	6.88	796.3	621	28.8	

Did well dewater? Yes (No) Gallons actually evacuated: 29.8

Sampling Date: 3-18-11 Sampling Time: 1330 Depth to Water: 22.97

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

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

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

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

D.O. (if req'd):	Pre-purge:	mg/L	(Post-purge:)	0.30	mg/L
O.R.P. (if req'd):	Pre-purge:	mV	Post-purge:		mV

SHELL WELL MONITORING DATA SHEET

BTS #: 110310-JO1	Site: 1784 150th AVE
Sampler: JO / JP	Date: 3-18-11
Well I.D.: ~~MW~~- EW-2	Well Diameter: 2 3 (4) 6 8 ____
Total Well Depth (TD): 32.63	Depth to Water (DTW): 16.41
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]: 19.65	

Purge Method: Bailer, Disposable Bailer, Positive Air Displacement, ~~Electric Submersible~~, Waterra Peristaltic, Extraction Pump, Other____

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

10.5 (Gals.) X	3	=	31.5 Gals.
1 Case Volume	Specified Volumes		Calculated Volume

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

Time	Temp (°F)	pH	Cond. (mS or (µS))	Turbidity (NTUs)	Gals. Removed	Observations
1346	65.8	6.84	715	20	10.5	
1348	66.0	6.89	703	18	21.0	
1350	66.1	6.91	702	18	31.5	

Did well dewater? Yes (No) Gallons actually evacuated: 31.5

Sampling Date: 3-18-11 Sampling Time: 1355 Depth to Water: 18.18

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

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

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

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

D.O. (if req'd):	Pre-purge:	mg/L	(Post-purge:)	0.31	mg/L
O.R.P. (if req'd):	Pre-purge:	mV	Post-purge:		mV

SHELL WELLHEAD INSPECTION FORM
(FOR SAMPLE TECHNICIAN)

Site Address 1784 150th Ave San Leandro CA Date 3-18-11

Job Number 110318-JO1 Technician ~~HOSTO~~ JO Page 1 of 1

Well ID	Well Inspected - No Corrective Action Required	Well Box Meets Compliance Requirements *See Below	Water Bailed From Wellbox	Cap Replaced	Lock Replaced	Well Not Inspected (explain in notes)	New Deficiency Identified	Previously Identified Deficiency Persists	Notes
MW-1A	X	X							
MW-1B	X	X							
MW-2B	X	X							
MW-3	X	X							
MW-4	X	X							
MW-5	X	X							
MW-6	X	X							
MW-7						X			UNABLE TO ACCESS
MW-8						X			UNABLE TO ACCESS
MW-9	X	X							
MW-10	X	X							parked over
MW-11	X	X							
MW-12						X			UNABLE TO ACCESS
MW-13	X	X							
EW-1	X	X							
EW-2	X	X							

*Well box must meet all three criteria to be compliant: 1) WELL IS SECURABLE BY DESIGN (12"or less) 2) WELL IS MARKED WITH THE WORDS "MONITORING WELL" (12"or less) 3) WELL TAG IS PRESENT, SECURE, AND CORRECT

Notes:

WELL GAUGING DATA

Project # 110331-J03 Date 3-31-11 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 (TOC)	Notes
MW-7	1250	2					14.95	26.85		
MW-12	1315	2					13.48	27.60		
MW-8	1310	2					13.61	24.10		

SHELL WELL MONITORING DATA SHEET

BTS #: 110331-63	Site: 1794 150th ave. San Leandro CA.
Sampler: JO	Date: 3-31-11
Well I.D.: MW-7	Well Diameter: (2) 3 4 6 8 ____
Total Well Depth (TD): 26.85	Depth to Water (DTW): 14.95
Depth to Free Product:	Thickness of Free Product (feet):
Referenced to: (PVC) Grade	D.O. Meter (if req'd): (YSI) HACH
DTW with 80% Recharge [(Height of Water Column x 0.20) + DTW]: 17.33	

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

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

1.9 (Gals.) X 3 = 5.7 Gals.
1 Case Volume | Specified Volumes | Calculated Volume

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

Time	Temp (°F)	pH	Cond. (mS or (µS))	Turbidity (NTUs)	Gals. Removed	Observations
1255	70.7	6.74	2479	89	1.9	
1258	69.3	6.76	2510	121	3.8	
1301	69.8	6.69	2500	129	5.7	

Did well dewater? Yes (No) Gallons actually evacuated: 5.7

Sampling Date: 3-31-11 Sampling Time: 1305 Depth to Water: 15.56

Sample I.D.: MW-7 Laboratory: (Test America) Other____

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

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

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

D.O. (if req'd):	Pre-purge:	mg/L	(Post-purge):	2.99 mg/L
O.R.P. (if req'd):	Pre-purge:	mV	Post-purge:	mV

SHELL WELL MONITORING DATA SHEET

BTS #: 110331-103	Site: 1794 150th AVE San Leandro CA.
Sampler: JO	Date: 3-31-11
Well I.D.: MW-8	Well Diameter: (2) 3 (4) 6 8 ___
Total Well Depth (TD): 24.10	Depth to Water (DTW): 13.61
Depth to Free Product: —	Thickness of Free Product (feet): —
Referenced to: (PVC) Grade	D.O. Meter (if req'd): (YSI) HACH
DTW with 80% Recharge [(Height of Water Column x 0.20) + DTW]: 15.71	

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

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

1.6 (Gals.) X	3	=	4.8 Gals.
1 Case Volume	Specified Volumes		Calculated Volume

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

Time	Temp (°F)	pH	Cond. (mS or (µS))	Turbidity (NTUs)	Gals. Removed	Observations
1337	68.1	6.82	1390	800	1.6	
1340	67.7	6.76	1296	>1000	3.2	
1343	67.5	6.74	1282	>1000	4.8	

Did well dewater? Yes (No) Gallons actually evacuated: 4.8

Sampling Date: 3-31-11 Sampling Time: 1350 Depth to Water: 15.07

Sample I.D.: MW-8 Laboratory: (Test America) Other_____

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

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

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

D.O. (if req'd):	Pre-purge:	mg/L	(Post-purge)	1.98 mg/L
O.R.P. (if req'd):	Pre-purge:	mV	Post-purge:	mV

SHELL WELL MONITORING DATA SHEET

BTS #: 110331-L03	Site: 1794 150th Ave San Leandro CA.
Sampler: JO	Date: 3-31-11
Well I.D.: MW-12	Well Diameter: (2) 3 4 6 8 ____
Total Well Depth (TD): 27.60	Depth to Water (DTW): 13.48
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]: 16.30	

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

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

2.2 (Gals.) X	3	= 6.6 Gals.
1 Case Volume	Specified Volumes	Calculated Volume

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

Time	Temp (°F)	pH	Cond. (mS or (µS))	Turbidity (NTUs)	Gals. Removed	Observations
1317	69.8	6.84	2494	234	2.2	odor
1320	69.3	6.60	2814	>1000	4.4	odor
1323	69.1	6.54	(x2) 2900	>1000	6.6	odor

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

Sampling Date: 3-31-11 Sampling Time: 1325 Depth to Water: 13.99

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

SHELL WELLHEAD INSPECTION FORM

(FOR SAMPLE TECHNICIAN)

Site Address 1784 150th Ave San Leandro Date 3-31-11

Job Number 10331-SJB Technician SO Page 1 of 1

Well ID	Well Inspected - No Corrective Action Required	Well Box Meets Compliance Requirements *See Below	Water Bailed From Wellbox	Cap Replaced	Lock Replaced	Well Not Inspected (explain in notes)	New Deficiency Identified	Previously Identified Deficiency Persists	Notes
MW-7		X	X						1/2 Bolts missing Tab Broken in well
MW-12	X	X							
MW-8	X	X	X						

*Well box must meet all three criteria to be compliant: 1) WELL IS SECURABLE BY DESIGN (12"or less) 2) WELL IS MARKED WITH THE WORDS "MONITORING WELL" (12"or less) 3) WELL TAG IS PRESENT, SECURE, AND CORRECT

Notes:

APPENDIX B

TEST AMERICA –
LABORATORY REPORT

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

17461 Derian Avenue. Suite 100, Irvine, CA 92614 (949) 261-1022 Fax:(949) 260-3297

LABORATORY REPORT

Prepared For: Blaine Tech San Jose/CRA Shell
1680 Rogers Avenue
San Jose, CA 95112-1105
Attention: Lorin King

Project: 1784 150th Ave., San Leandro, CA

Sampled: 03/18/11
Received: 03/22/11
Issued: 04/04/11 19:29

NELAP #01108CA California ELAP#2706 CSDLAC #10256 AZ #AZ0671 NV #CA01531

SAMPLE CROSS REFERENCE

LABORATORY ID	CLIENT ID	MATRIX
IUC2448-01	MW-1A	Water
IUC2448-02	MW-1B	Water
IUC2448-03	MW-2B	Water
IUC2448-04	MW-3	Water
IUC2448-05	MW-4	Water
IUC2448-06	MW-5	Water
IUC2448-07	MW-6	Water
IUC2448-08	MW-9	Water
IUC2448-09	MW-10	Water
IUC2448-10	MW-11	Water
IUC2448-11	MW-13	Water
IUC2448-12	EW-1	Water
IUC2448-13	EW-2	Water

Reviewed By:

TestAmerica Irvine

Pat Abe For Philip Sanelle
Project Manager

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

17461 Derian Avenue. Suite 100, Irvine, CA 92614 (949) 261-1022 Fax:(949) 260-3297

Blaine Tech San Jose/CRA Shell
1680 Rogers Avenue
San Jose, CA 95112-1105
Attention: Lorin King

Project ID: 1784 150th Ave., San Leandro, CA

Report Number: IUC2448

Sampled: 03/18/11
Received: 03/22/11

VOLATILE FUEL HYDROCARBONS BY GC/MS (CA LUFT)

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: IUC2448-01 (MW-1A - Water)								
Reporting Units: ug/l								
Volatile Fuel Hydrocarbons (C4-C12)	TPH by GC/MS	11C3488	50	**110**	1	3/27/2011	3/27/2011	
Surrogate: Dibromofluoromethane (80-120%)				*102 %*				
Surrogate: Toluene-d8 (80-120%)				*104 %*				
Surrogate: 4-Bromofluorobenzene (80-120%)				*95 %*				
Sample ID: IUC2448-02 (MW-1B - Water)								
Reporting Units: ug/l								
Volatile Fuel Hydrocarbons (C4-C12)	TPH by GC/MS	11C3488	50	ND	1	3/27/2011	3/27/2011	
Surrogate: Dibromofluoromethane (80-120%)				*102 %*				
Surrogate: Toluene-d8 (80-120%)				*102 %*				
Surrogate: 4-Bromofluorobenzene (80-120%)				*93 %*				
Sample ID: IUC2448-03 (MW-2B - Water)								
Reporting Units: ug/l								
Volatile Fuel Hydrocarbons (C4-C12)	TPH by GC/MS	11C3488	50	**270**	1	3/27/2011	3/27/2011	
Surrogate: Dibromofluoromethane (80-120%)				*100 %*				
Surrogate: Toluene-d8 (80-120%)				*104 %*				
Surrogate: 4-Bromofluorobenzene (80-120%)				*94 %*				
Sample ID: IUC2448-04 (MW-3 - Water)								
Reporting Units: ug/l								
Volatile Fuel Hydrocarbons (C4-C12)	TPH by GC/MS	11C3488	50	**1800**	1	3/27/2011	3/28/2011	
Surrogate: Dibromofluoromethane (80-120%)				*99 %*				
Surrogate: Toluene-d8 (80-120%)				*105 %*				
Surrogate: 4-Bromofluorobenzene (80-120%)				*96 %*				
Sample ID: IUC2448-05 (MW-4 - Water)								
Reporting Units: ug/l								
Volatile Fuel Hydrocarbons (C4-C12)	TPH by GC/MS	11C3488	50	ND	1	3/27/2011	3/28/2011	
Surrogate: Dibromofluoromethane (80-120%)				*101 %*				
Surrogate: Toluene-d8 (80-120%)				*102 %*				
Surrogate: 4-Bromofluorobenzene (80-120%)				*92 %*				
Sample ID: IUC2448-06 (MW-5 - Water)								
Reporting Units: ug/l								
Volatile Fuel Hydrocarbons (C4-C12)	TPH by GC/MS	11C3488	50	**230**	1	3/27/2011	3/28/2011	
Surrogate: Dibromofluoromethane (80-120%)				*102 %*				
Surrogate: Toluene-d8 (80-120%)				*105 %*				
Surrogate: 4-Bromofluorobenzene (80-120%)				*95 %*				

TestAmerica Irvine

Pat Abe For Philip Sanelle
Project Manager

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

17461 Derian Avenue. Suite 100, Irvine, CA 92614 (949) 261-1022 Fax:(949) 260-3297

Blaine Tech San Jose/CRA Shell
1680 Rogers Avenue
San Jose, CA 95112-1105
Attention: Lorin King

Project ID: 1784 150th Ave., San Leandro, CA

Report Number: IUC2448

Sampled: 03/18/11
Received: 03/22/11

VOLATILE FUEL HYDROCARBONS BY GC/MS (CA LUFT)

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: IUC2448-07 (MW-6 - Water)								
Reporting Units: ug/l								
Volatile Fuel Hydrocarbons (C4-C12)	TPH by GC/MS	11C3560	50	ND	1	3/28/2011	3/28/2011	
Surrogate: Dibromofluoromethane (80-120%)				*101 %*				
Surrogate: Toluene-d8 (80-120%)				*101 %*				
Surrogate: 4-Bromofluorobenzene (80-120%)				*94 %*				
Sample ID: IUC2448-08 (MW-9 - Water)								
Reporting Units: ug/l								
Volatile Fuel Hydrocarbons (C4-C12)	TPH by GC/MS	11C3560	50	ND	1	3/28/2011	3/28/2011	
Surrogate: Dibromofluoromethane (80-120%)				*99 %*				
Surrogate: Toluene-d8 (80-120%)				*100 %*				
Surrogate: 4-Bromofluorobenzene (80-120%)				*90 %*				
Sample ID: IUC2448-09 (MW-10 - Water)								
Reporting Units: ug/l								
Volatile Fuel Hydrocarbons (C4-C12)	TPH by GC/MS	11C3577	50	**74**	1	3/29/2011	3/29/2011	
Surrogate: Dibromofluoromethane (80-120%)				*101 %*				
Surrogate: Toluene-d8 (80-120%)				*100 %*				
Surrogate: 4-Bromofluorobenzene (80-120%)				*90 %*				
Sample ID: IUC2448-10 (MW-11 - Water)								
Reporting Units: ug/l								
Volatile Fuel Hydrocarbons (C4-C12)	TPH by GC/MS	11C3577	5000	**38000**	100	3/29/2011	3/29/2011	
Surrogate: Dibromofluoromethane (80-120%)				*97 %*				
Surrogate: Toluene-d8 (80-120%)				*97 %*				
Surrogate: 4-Bromofluorobenzene (80-120%)				*94 %*				
Sample ID: IUC2448-11 (MW-13 - Water)								
Reporting Units: ug/l								
Volatile Fuel Hydrocarbons (C4-C12)	TPH by GC/MS	11C3577	50	ND	1	3/29/2011	3/29/2011	
Surrogate: Dibromofluoromethane (80-120%)				*100 %*				
Surrogate: Toluene-d8 (80-120%)				*95 %*				
Surrogate: 4-Bromofluorobenzene (80-120%)				*89 %*				
Sample ID: IUC2448-12 (EW-1 - Water)								
Reporting Units: ug/l								
Volatile Fuel Hydrocarbons (C4-C12)	TPH by GC/MS	11C3577	500	**9300**	10	3/29/2011	3/29/2011	
Surrogate: Dibromofluoromethane (80-120%)				*94 %*				
Surrogate: Toluene-d8 (80-120%)				*99 %*				
Surrogate: 4-Bromofluorobenzene (80-120%)				*92 %*				

TestAmerica Irvine

Pat Abe For Philip Sanelle
Project Manager

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

17461 Derian Avenue. Suite 100, Irvine, CA 92614 (949) 261-1022 Fax:(949) 260-3297

Blaine Tech San Jose/CRA Shell
1680 Rogers Avenue
San Jose, CA 95112-1105
Attention: Lorin King

Project ID: 1784 150th Ave., San Leandro, CA

Report Number: IUC2448

Sampled: 03/18/11
Received: 03/22/11

VOLATILE FUEL HYDROCARBONS BY GC/MS (CA LUFT)

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: IUC2448-13 (EW-2 - Water)								
Reporting Units: ug/l								
Volatile Fuel Hydrocarbons (C4-C12)	TPH by GC/MS	11C3577	2500	**44000**	50	3/29/2011	3/30/2011	
Surrogate: Dibromofluoromethane (80-120%)				*101 %*				
Surrogate: Toluene-d8 (80-120%)				*96 %*				
Surrogate: 4-Bromofluorobenzene (80-120%)				*92 %*				

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Blaine Tech San Jose/CRA Shell
1680 Rogers Avenue
San Jose, CA 95112-1105
Attention: Lorin King

Project ID: 1784 150th Ave., San Leandro, CA

Report Number: IUC2448

Sampled: 03/18/11
Received: 03/22/11

VOLATILE ORGANICS by GC/MS (EPA 5030B/8260B)

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: IUC2448-01 (MW-1A - Water)								
Reporting Units: ug/l								
Benzene	EPA 8260B	11C3488	0.50	**17**	1	3/27/2011	3/27/2011	
Ethylbenzene	EPA 8260B	11C3488	0.50	ND	1	3/27/2011	3/27/2011	
Toluene	EPA 8260B	11C3488	0.50	ND	1	3/27/2011	3/27/2011	
Xylenes, Total	EPA 8260B	11C3488	1.0	ND	1	3/27/2011	3/27/2011	
Methyl-tert-butyl Ether (MTBE)	EPA 8260B	11C3488	1.0	**11**	1	3/27/2011	3/27/2011	
Surrogate: 4-Bromofluorobenzene (80-120%)				*95 %*				
Surrogate: Dibromofluoromethane (80-120%)				*102 %*				
Surrogate: Toluene-d8 (80-120%)				*104 %*				
Sample ID: IUC2448-02 (MW-1B - Water)								
Reporting Units: ug/l								
Benzene	EPA 8260B	11C3488	0.50	ND	1	3/27/2011	3/27/2011	
Ethylbenzene	EPA 8260B	11C3488	0.50	ND	1	3/27/2011	3/27/2011	
Toluene	EPA 8260B	11C3488	0.50	ND	1	3/27/2011	3/27/2011	
Xylenes, Total	EPA 8260B	11C3488	1.0	ND	1	3/27/2011	3/27/2011	
Methyl-tert-butyl Ether (MTBE)	EPA 8260B	11C3488	1.0	**1.6**	1	3/27/2011	3/27/2011	
Surrogate: 4-Bromofluorobenzene (80-120%)				*93 %*				
Surrogate: Dibromofluoromethane (80-120%)				*102 %*				
Surrogate: Toluene-d8 (80-120%)				*102 %*				
Sample ID: IUC2448-03 (MW-2B - Water)								
Reporting Units: ug/l								
Benzene	EPA 8260B	11C3488	0.50	**1.0**	1	3/27/2011	3/27/2011	
Ethylbenzene	EPA 8260B	11C3488	0.50	**9.0**	1	3/27/2011	3/27/2011	
Toluene	EPA 8260B	11C3488	0.50	**37**	1	3/27/2011	3/27/2011	
Xylenes, Total	EPA 8260B	11C3488	1.0	**72**	1	3/27/2011	3/27/2011	
Methyl-tert-butyl Ether (MTBE)	EPA 8260B	11C3488	1.0	**5.1**	1	3/27/2011	3/27/2011	
Surrogate: 4-Bromofluorobenzene (80-120%)				*94 %*				
Surrogate: Dibromofluoromethane (80-120%)				*100 %*				
Surrogate: Toluene-d8 (80-120%)				*104 %*				

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VOLATILE ORGANICS by GC/MS (EPA 5030B/8260B)

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: IUC2448-04 (MW-3 - Water)								
Reporting Units: ug/l								
Benzene	EPA 8260B	11C3488	0.50	ND	1	3/27/2011	3/28/2011	
1,2-Dichloroethane	EPA 8260B	11C3488	0.50	**15**	1	3/27/2011	3/28/2011	
Ethylbenzene	EPA 8260B	11C3488	0.50	ND	1	3/27/2011	3/28/2011	
Toluene	EPA 8260B	11C3488	0.50	ND	1	3/27/2011	3/28/2011	
Xylenes, Total	EPA 8260B	11C3488	1.0	ND	1	3/27/2011	3/28/2011	
Di-isopropyl Ether (DIPE)	EPA 8260B	11C3488	1.0	ND	1	3/27/2011	3/28/2011	
Ethyl tert-Butyl Ether (ETBE)	EPA 8260B	11C3488	1.0	ND	1	3/27/2011	3/28/2011	
Methyl-tert-butyl Ether (MTBE)	EPA 8260B	11C3488	1.0	**1.5**	1	3/27/2011	3/28/2011	
tert-Amyl Methyl Ether (TAME)	EPA 8260B	11C3488	1.0	ND	1	3/27/2011	3/28/2011	
tert-Butanol (TBA)	EPA 8260B	11C3488	10	ND	1	3/27/2011	3/28/2011	
Surrogate: 4-Bromofluorobenzene (80-120%)				*96 %*				
Surrogate: Dibromofluoromethane (80-120%)				*99 %*				
Surrogate: Toluene-d8 (80-120%)				*105 %*				
Sample ID: IUC2448-05 (MW-4 - Water)								
Reporting Units: ug/l								
Benzene	EPA 8260B	11C3488	0.50	ND	1	3/27/2011	3/28/2011	
Ethylbenzene	EPA 8260B	11C3488	0.50	ND	1	3/27/2011	3/28/2011	
Toluene	EPA 8260B	11C3488	0.50	ND	1	3/27/2011	3/28/2011	
Xylenes, Total	EPA 8260B	11C3488	1.0	ND	1	3/27/2011	3/28/2011	
Di-isopropyl Ether (DIPE)	EPA 8260B	11C3488	1.0	ND	1	3/27/2011	3/28/2011	
Ethyl tert-Butyl Ether (ETBE)	EPA 8260B	11C3488	1.0	ND	1	3/27/2011	3/28/2011	
Methyl-tert-butyl Ether (MTBE)	EPA 8260B	11C3488	1.0	ND	1	3/27/2011	3/28/2011	
tert-Amyl Methyl Ether (TAME)	EPA 8260B	11C3488	1.0	ND	1	3/27/2011	3/28/2011	
tert-Butanol (TBA)	EPA 8260B	11C3488	10	ND	1	3/27/2011	3/28/2011	
Surrogate: 4-Bromofluorobenzene (80-120%)				*92 %*				
Surrogate: Dibromofluoromethane (80-120%)				*101 %*				
Surrogate: Toluene-d8 (80-120%)				*102 %*				

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VOLATILE ORGANICS by GC/MS (EPA 5030B/8260B)

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: IUC2448-06 (MW-5 - Water)								
Reporting Units: ug/l								
Benzene	EPA 8260B	11C3488	0.50	ND	1	3/27/2011	3/28/2011	
Ethylbenzene	EPA 8260B	11C3488	0.50	ND	1	3/27/2011	3/28/2011	
Toluene	EPA 8260B	11C3488	0.50	ND	1	3/27/2011	3/28/2011	
Xylenes, Total	EPA 8260B	11C3488	1.0	ND	1	3/27/2011	3/28/2011	
Methyl-tert-butyl Ether (MTBE)	EPA 8260B	11C3488	1.0	ND	1	3/27/2011	3/28/2011	
Surrogate: 4-Bromofluorobenzene (80-120%)				*95 %*				
Surrogate: Dibromofluoromethane (80-120%)				*102 %*				
Surrogate: Toluene-d8 (80-120%)				*105 %*				
Sample ID: IUC2448-07 (MW-6 - Water)								
Reporting Units: ug/l								
Benzene	EPA 8260B	11C3560	0.50	ND	1	3/28/2011	3/28/2011	
Ethylbenzene	EPA 8260B	11C3560	0.50	ND	1	3/28/2011	3/28/2011	
Toluene	EPA 8260B	11C3560	0.50	ND	1	3/28/2011	3/28/2011	
Xylenes, Total	EPA 8260B	11C3560	1.0	ND	1	3/28/2011	3/28/2011	
Methyl-tert-butyl Ether (MTBE)	EPA 8260B	11C3560	1.0	ND	1	3/28/2011	3/28/2011	
Surrogate: 4-Bromofluorobenzene (80-120%)				*94 %*				
Surrogate: Dibromofluoromethane (80-120%)				*101 %*				
Surrogate: Toluene-d8 (80-120%)				*101 %*				
Sample ID: IUC2448-08 (MW-9 - Water)								
Reporting Units: ug/l								
Benzene	EPA 8260B	11C3560	0.50	ND	1	3/28/2011	3/28/2011	
Ethylbenzene	EPA 8260B	11C3560	0.50	ND	1	3/28/2011	3/28/2011	
Toluene	EPA 8260B	11C3560	0.50	ND	1	3/28/2011	3/28/2011	
Xylenes, Total	EPA 8260B	11C3560	1.0	ND	1	3/28/2011	3/28/2011	
Methyl-tert-butyl Ether (MTBE)	EPA 8260B	11C3560	1.0	ND	1	3/28/2011	3/28/2011	
Surrogate: 4-Bromofluorobenzene (80-120%)				*90 %*				
Surrogate: Dibromofluoromethane (80-120%)				*99 %*				
Surrogate: Toluene-d8 (80-120%)				*100 %*				

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VOLATILE ORGANICS by GC/MS (EPA 5030B/8260B)

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: IUC2448-09 (MW-10 - Water)								
Reporting Units: ug/l								
Benzene	EPA 8260B	11C3577	0.50	ND	1	3/29/2011	3/29/2011	
1,2-Dichloroethane	EPA 8260B	11C3577	0.50	ND	1	3/29/2011	3/29/2011	
Ethylbenzene	EPA 8260B	11C3577	0.50	ND	1	3/29/2011	3/29/2011	
Toluene	EPA 8260B	11C3577	0.50	ND	1	3/29/2011	3/29/2011	
Xylenes, Total	EPA 8260B	11C3577	1.0	ND	1	3/29/2011	3/29/2011	
Methyl-tert-butyl Ether (MTBE)	EPA 8260B	11C3577	1.0	ND	1	3/29/2011	3/29/2011	
tert-Amyl Methyl Ether (TAME)	EPA 8260B	11C3577	1.0	ND	1	3/29/2011	3/29/2011	
tert-Butanol (TBA)	EPA 8260B	11C3577	10	ND	1	3/29/2011	3/29/2011	
Surrogate: 4-Bromofluorobenzene (80-120%)				*90 %*				
Surrogate: Dibromofluoromethane (80-120%)				*101 %*				
Surrogate: Toluene-d8 (80-120%)				*100 %*				
Sample ID: IUC2448-10 (MW-11 - Water)								
Reporting Units: ug/l								
Benzene	EPA 8260B	11C3577	50	**470**	100	3/29/2011	3/29/2011	
1,2-Dichloroethane	EPA 8260B	11C3577	50	ND	100	3/29/2011	3/29/2011	
Ethylbenzene	EPA 8260B	11C3577	50	**2200**	100	3/29/2011	3/29/2011	
Toluene	EPA 8260B	11C3577	50	**4100**	100	3/29/2011	3/29/2011	
Xylenes, Total	EPA 8260B	11C3577	100	**13000**	100	3/29/2011	3/29/2011	
Methyl-tert-butyl Ether (MTBE)	EPA 8260B	11C3577	100	ND	100	3/29/2011	3/29/2011	
tert-Amyl Methyl Ether (TAME)	EPA 8260B	11C3577	100	ND	100	3/29/2011	3/29/2011	
tert-Butanol (TBA)	EPA 8260B	11C3577	1000	ND	100	3/29/2011	3/29/2011	
Surrogate: 4-Bromofluorobenzene (80-120%)				*94 %*				
Surrogate: Dibromofluoromethane (80-120%)				*97 %*				
Surrogate: Toluene-d8 (80-120%)				*97 %*				
Sample ID: IUC2448-11 (MW-13 - Water)								
Reporting Units: ug/l								
Benzene	EPA 8260B	11C3577	0.50	ND	1	3/29/2011	3/29/2011	
Ethylbenzene	EPA 8260B	11C3577	0.50	ND	1	3/29/2011	3/29/2011	
Toluene	EPA 8260B	11C3577	0.50	ND	1	3/29/2011	3/29/2011	
Xylenes, Total	EPA 8260B	11C3577	1.0	ND	1	3/29/2011	3/29/2011	
Methyl-tert-butyl Ether (MTBE)	EPA 8260B	11C3577	1.0	ND	1	3/29/2011	3/29/2011	
Surrogate: 4-Bromofluorobenzene (80-120%)				*89 %*				
Surrogate: Dibromofluoromethane (80-120%)				*100 %*				
Surrogate: Toluene-d8 (80-120%)				*95 %*				

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VOLATILE ORGANICS by GC/MS (EPA 5030B/8260B)

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: IUC2448-12 (EW-1 - Water)								
Reporting Units: ug/l								
Benzene	EPA 8260B	11C3577	5.0	**140**	10	3/29/2011	3/29/2011	
Ethylbenzene	EPA 8260B	11C3577	5.0	**490**	10	3/29/2011	3/29/2011	
Toluene	EPA 8260B	11C3577	5.0	**23**	10	3/29/2011	3/29/2011	
Xylenes, Total	EPA 8260B	11C3577	10	**680**	10	3/29/2011	3/29/2011	
Methyl-tert-butyl Ether (MTBE)	EPA 8260B	11C3577	10	**68**	10	3/29/2011	3/29/2011	
Surrogate: 4-Bromofluorobenzene (80-120%)				*92 %*				
Surrogate: Dibromofluoromethane (80-120%)				*94 %*				
Surrogate: Toluene-d8 (80-120%)				*99 %*				
Sample ID: IUC2448-13 (EW-2 - Water)								
Reporting Units: ug/l								
Benzene	EPA 8260B	11C3577	25	**310**	50	3/29/2011	3/30/2011	
Ethylbenzene	EPA 8260B	11C3577	25	**2700**	50	3/29/2011	3/30/2011	
Toluene	EPA 8260B	11C3577	25	**1100**	50	3/29/2011	3/30/2011	
Xylenes, Total	EPA 8260B	11C3577	50	**14000**	50	3/29/2011	3/30/2011	
Methyl-tert-butyl Ether (MTBE)	EPA 8260B	11C3577	50	ND	50	3/29/2011	3/30/2011	
Surrogate: 4-Bromofluorobenzene (80-120%)				*92 %*				
Surrogate: Dibromofluoromethane (80-120%)				*101 %*				
Surrogate: Toluene-d8 (80-120%)				*96 %*				

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METHOD BLANK/QC DATA

VOLATILE FUEL HYDROCARBONS BY GC/MS (CA LUFT)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 11C3488 Extracted: 03/27/11										
Blank Analyzed: 03/27/2011 (11C3488-BLK1)										
Volatile Fuel Hydrocarbons (C4-C12)	ND	50	ug/l							
Surrogate: Dibromofluoromethane	*24.7*		*ug/l*	*25.0*		*99*	*80-120*			
Surrogate: Toluene-d8	*25.3*		*ug/l*	*25.0*		*101*	*80-120*			
Surrogate: 4-Bromofluorobenzene	*23.4*		*ug/l*	*25.0*		*94*	*80-120*			
LCS Analyzed: 03/27/2011 (11C3488-BS2)										
Volatile Fuel Hydrocarbons (C4-C12)	591	50	ug/l	500		118	55-130			
Surrogate: Dibromofluoromethane	*25.2*		*ug/l*	*25.0*		*101*	*80-120*			
Surrogate: Toluene-d8	*25.7*		*ug/l*	*25.0*		*103*	*80-120*			
Surrogate: 4-Bromofluorobenzene	*23.6*		*ug/l*	*25.0*		*95*	*80-120*			
Matrix Spike Analyzed: 03/27/2011 (11C3488-MS1)					**Source: IUC2073-01**					
Volatile Fuel Hydrocarbons (C4-C12)	1290	50	ug/l	1720	34.4	73	50-145			
Surrogate: Dibromofluoromethane	*25.6*		*ug/l*	*25.0*		*102*	*80-120*			
Surrogate: Toluene-d8	*25.8*		*ug/l*	*25.0*		*103*	*80-120*			
Surrogate: 4-Bromofluorobenzene	*24.4*		*ug/l*	*25.0*		*97*	*80-120*			
Matrix Spike Dup Analyzed: 03/27/2011 (11C3488-MSD1)					**Source: IUC2073-01**					
Volatile Fuel Hydrocarbons (C4-C12)	1300	50	ug/l	1720	34.4	73	50-145	0.8	20	
Surrogate: Dibromofluoromethane	*25.6*		*ug/l*	*25.0*		*102*	*80-120*			
Surrogate: Toluene-d8	*25.3*		*ug/l*	*25.0*		*101*	*80-120*			
Surrogate: 4-Bromofluorobenzene	*24.6*		*ug/l*	*25.0*		*98*	*80-120*			
Batch: 11C3560 Extracted: 03/28/11										
Blank Analyzed: 03/28/2011 (11C3560-BLK1)										
Volatile Fuel Hydrocarbons (C4-C12)	ND	50	ug/l							
Surrogate: Dibromofluoromethane	*24.6*		*ug/l*	*25.0*		*98*	*80-120*			
Surrogate: Toluene-d8	*24.5*		*ug/l*	*25.0*		*98*	*80-120*			
Surrogate: 4-Bromofluorobenzene	*23.5*		*ug/l*	*25.0*		*94*	*80-120*			

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METHOD BLANK/QC DATA

VOLATILE FUEL HYDROCARBONS BY GC/MS (CA LUFT)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 11C3560 Extracted: 03/28/11										
LCS Analyzed: 03/28/2011 (11C3560-BS2)										
Volatile Fuel Hydrocarbons (C4-C12)	438	50	ug/l	500		88	55-130			
Surrogate: Dibromofluoromethane	*24.3*		*ug/l*	*25.0*		*97*	*80-120*			
Surrogate: Toluene-d8	*24.7*		*ug/l*	*25.0*		*99*	*80-120*			
Surrogate: 4-Bromofluorobenzene	*23.6*		*ug/l*	*25.0*		*94*	*80-120*			
Matrix Spike Analyzed: 03/28/2011 (11C3560-MS1)					**Source: IUC2448-07**					
Volatile Fuel Hydrocarbons (C4-C12)	1190	50	ug/l	1720	ND	69	50-145			
Surrogate: Dibromofluoromethane	*24.9*		*ug/l*	*25.0*		*100*	*80-120*			
Surrogate: Toluene-d8	*25.5*		*ug/l*	*25.0*		*102*	*80-120*			
Surrogate: 4-Bromofluorobenzene	*23.2*		*ug/l*	*25.0*		*93*	*80-120*			
Matrix Spike Dup Analyzed: 03/28/2011 (11C3560-MSD1)					**Source: IUC2448-07**					
Volatile Fuel Hydrocarbons (C4-C12)	1130	50	ug/l	1720	ND	65	50-145	5	20	
Surrogate: Dibromofluoromethane	*24.9*		*ug/l*	*25.0*		*99*	*80-120*			
Surrogate: Toluene-d8	*25.1*		*ug/l*	*25.0*		*101*	*80-120*			
Surrogate: 4-Bromofluorobenzene	*23.2*		*ug/l*	*25.0*		*93*	*80-120*			
Batch: 11C3577 Extracted: 03/29/11										
Blank Analyzed: 03/29/2011 (11C3577-BLK1)										
Volatile Fuel Hydrocarbons (C4-C12)	ND	50	ug/l							
Surrogate: Dibromofluoromethane	*23.9*		*ug/l*	*25.0*		*95*	*80-120*			
Surrogate: Toluene-d8	*24.2*		*ug/l*	*25.0*		*97*	*80-120*			
Surrogate: 4-Bromofluorobenzene	*22.2*		*ug/l*	*25.0*		*89*	*80-120*			
LCS Analyzed: 03/29/2011 (11C3577-BS2)										
Volatile Fuel Hydrocarbons (C4-C12)	354	50	ug/l	500		71	55-130			
Surrogate: Dibromofluoromethane	*24.9*		*ug/l*	*25.0*		*99*	*80-120*			
Surrogate: Toluene-d8	*24.8*		*ug/l*	*25.0*		*99*	*80-120*			
Surrogate: 4-Bromofluorobenzene	*23.0*		*ug/l*	*25.0*		*92*	*80-120*			

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Blaine Tech San Jose/CRA Shell
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San Jose, CA 95112-1105
Attention: Lorin King

Project ID: 1784 150th Ave., San Leandro, CA

Report Number: IUC2448

Sampled: 03/18/11
Received: 03/22/11

METHOD BLANK/QC DATA

VOLATILE FUEL HYDROCARBONS BY GC/MS (CA LUFT)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 11C3577 Extracted: 03/29/11										
Matrix Spike Analyzed: 03/29/2011 (11C3577-MS1)					**Source: IUC2448-09**					
Volatile Fuel Hydrocarbons (C4-C12)	1140	50	ug/l	1720	73.5	62	50-145			
Surrogate: Dibromofluoromethane	*25.4*		*ug/l*	*25.0*		*102*	*80-120*			
Surrogate: Toluene-d8	*24.4*		*ug/l*	*25.0*		*98*	*80-120*			
Surrogate: 4-Bromofluorobenzene	*23.8*		*ug/l*	*25.0*		*95*	*80-120*			
Matrix Spike Dup Analyzed: 03/29/2011 (11C3577-MSD1)					**Source: IUC2448-09**					
Volatile Fuel Hydrocarbons (C4-C12)	1110	50	ug/l	1720	73.5	60	50-145	3	20	
Surrogate: Dibromofluoromethane	*25.2*		*ug/l*	*25.0*		*101*	*80-120*			
Surrogate: Toluene-d8	*24.2*		*ug/l*	*25.0*		*97*	*80-120*			
Surrogate: 4-Bromofluorobenzene	*23.0*		*ug/l*	*25.0*		*92*	*80-120*			

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METHOD BLANK/QC DATA

VOLATILE ORGANICS by GC/MS (EPA 5030B/8260B)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 11C3488 Extracted: 03/27/11										
Blank Analyzed: 03/27/2011 (11C3488-BLK1)										
Benzene	ND	0.50	ug/l							
1,2-Dichloroethane	ND	0.50	ug/l							
Ethylbenzene	ND	0.50	ug/l							
Toluene	ND	0.50	ug/l							
m,p-Xylenes	ND	1.0	ug/l							
o-Xylene	ND	0.50	ug/l							
Xylenes, Total	ND	1.0	ug/l							
Di-isopropyl Ether (DIPE)	ND	1.0	ug/l							
Ethyl tert-Butyl Ether (ETBE)	ND	1.0	ug/l							
Methyl-tert-butyl Ether (MTBE)	ND	1.0	ug/l							
tert-Amyl Methyl Ether (TAME)	ND	1.0	ug/l							
tert-Butanol (TBA)	ND	10	ug/l							
Surrogate: 4-Bromofluorobenzene	*23.4*		*ug/l*	*25.0*		*94*	*80-120*			
Surrogate: Dibromofluoromethane	*24.7*		*ug/l*	*25.0*		*99*	*80-120*			
Surrogate: Toluene-d8	*25.3*		*ug/l*	*25.0*		*101*	*80-120*			
LCS Analyzed: 03/27/2011 (11C3488-BS1)										
Benzene	24.2	0.50	ug/l	25.0		97	70-120			
1,2-Dichloroethane	24.0	0.50	ug/l	25.0		96	60-140			
Ethylbenzene	25.5	0.50	ug/l	25.0		102	75-125			
Toluene	25.1	0.50	ug/l	25.0		100	70-120			
m,p-Xylenes	49.7	1.0	ug/l	50.0		99	75-125			
o-Xylene	25.2	0.50	ug/l	25.0		101	75-125			
Xylenes, Total	74.9	1.0	ug/l	75.0		100	70-125			
Di-isopropyl Ether (DIPE)	23.8	1.0	ug/l	25.0		95	60-135			
Ethyl tert-Butyl Ether (ETBE)	29.1	1.0	ug/l	25.0		116	65-135			
Methyl-tert-butyl Ether (MTBE)	24.4	1.0	ug/l	25.0		98	60-135			
tert-Amyl Methyl Ether (TAME)	31.5	1.0	ug/l	25.0		126	60-135			
tert-Butanol (TBA)	122	10	ug/l	125		97	70-135			
Surrogate: 4-Bromofluorobenzene	*23.6*		*ug/l*	*25.0*		*95*	*80-120*			
Surrogate: Dibromofluoromethane	*24.9*		*ug/l*	*25.0*		*100*	*80-120*			
Surrogate: Toluene-d8	*25.6*		*ug/l*	*25.0*		*102*	*80-120*			

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METHOD BLANK/QC DATA

VOLATILE ORGANICS by GC/MS (EPA 5030B/8260B)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 11C3488 Extracted: 03/27/11										
Matrix Spike Analyzed: 03/27/2011 (11C3488-MS1)					**Source: IUC2073-01**					
Benzene	25.3	0.50	ug/l	25.0	ND	101	65-125			
1,2-Dichloroethane	29.5	0.50	ug/l	25.0	ND	118	60-140			
Ethylbenzene	26.5	0.50	ug/l	25.0	ND	106	65-130			
Toluene	26.4	0.50	ug/l	25.0	ND	106	70-125			
m,p-Xylenes	51.5	1.0	ug/l	50.0	ND	103	65-130			
o-Xylene	26.5	0.50	ug/l	25.0	ND	106	65-125			
Xylenes, Total	78.0	1.0	ug/l	75.0	ND	104	60-130			
Di-isopropyl Ether (DIPE)	26.5	1.0	ug/l	25.0	ND	106	60-140			
Ethyl tert-Butyl Ether (ETBE)	32.9	1.0	ug/l	25.0	ND	131	60-135			
Methyl-tert-butyl Ether (MTBE)	28.1	1.0	ug/l	25.0	ND	112	55-145			
tert-Amyl Methyl Ether (TAME)	36.1	1.0	ug/l	25.0	ND	144	60-140			*M1*
tert-Butanol (TBA)	128	10	ug/l	125	ND	103	65-140			
Surrogate: 4-Bromofluorobenzene	*24.4*		*ug/l*	*25.0*		*97*	*80-120*			
Surrogate: Dibromofluoromethane	*25.6*		*ug/l*	*25.0*		*102*	*80-120*			
Surrogate: Toluene-d8	*25.8*		*ug/l*	*25.0*		*103*	*80-120*			
Matrix Spike Dup Analyzed: 03/27/2011 (11C3488-MSD1)					**Source: IUC2073-01**					
Benzene	25.5	0.50	ug/l	25.0	ND	102	65-125	0.9	20	
1,2-Dichloroethane	26.8	0.50	ug/l	25.0	ND	107	60-140	10	20	
Ethylbenzene	27.2	0.50	ug/l	25.0	ND	109	65-130	3	20	
Toluene	26.2	0.50	ug/l	25.0	ND	105	70-125	0.6	20	
m,p-Xylenes	52.6	1.0	ug/l	50.0	ND	105	65-130	2	25	
o-Xylene	27.3	0.50	ug/l	25.0	ND	109	65-125	3	20	
Xylenes, Total	79.8	1.0	ug/l	75.0	ND	106	60-130	2	20	
Di-isopropyl Ether (DIPE)	26.8	1.0	ug/l	25.0	ND	107	60-140	1	25	
Ethyl tert-Butyl Ether (ETBE)	32.7	1.0	ug/l	25.0	ND	131	60-135	0.5	25	
Methyl-tert-butyl Ether (MTBE)	27.4	1.0	ug/l	25.0	ND	109	55-145	3	25	
tert-Amyl Methyl Ether (TAME)	35.7	1.0	ug/l	25.0	ND	143	60-140	1	30	*M1*
tert-Butanol (TBA)	131	10	ug/l	125	ND	105	65-140	2	25	
Surrogate: 4-Bromofluorobenzene	*24.6*		*ug/l*	*25.0*		*98*	*80-120*			
Surrogate: Dibromofluoromethane	*25.6*		*ug/l*	*25.0*		*102*	*80-120*			
Surrogate: Toluene-d8	*25.3*		*ug/l*	*25.0*		*101*	*80-120*			

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Project ID: 1784 150th Ave., San Leandro, CA

Report Number: IUC2448

Sampled: 03/18/11
Received: 03/22/11

METHOD BLANK/QC DATA

VOLATILE ORGANICS by GC/MS (EPA 5030B/8260B)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 11C3560 Extracted: 03/28/11										
Blank Analyzed: 03/28/2011 (11C3560-BLK1)										
Benzene	ND	0.50	ug/l							
Ethylbenzene	ND	0.50	ug/l							
Toluene	ND	0.50	ug/l							
m,p-Xylenes	ND	1.0	ug/l							
o-Xylene	ND	0.50	ug/l							
Xylenes, Total	ND	1.0	ug/l							
Methyl-tert-butyl Ether (MTBE)	ND	1.0	ug/l							
Surrogate: 4-Bromofluorobenzene	*23.5*		*ug/l*	*25.0*		*94*	*80-120*			
Surrogate: Dibromofluoromethane	*24.6*		*ug/l*	*25.0*		*98*	*80-120*			
Surrogate: Toluene-d8	*24.5*		*ug/l*	*25.0*		*98*	*80-120*			
LCS Analyzed: 03/28/2011 (11C3560-BS1)										
Benzene	19.4	0.50	ug/l	25.0		78	70-120			
Ethylbenzene	21.6	0.50	ug/l	25.0		86	75-125			
Toluene	20.8	0.50	ug/l	25.0		83	70-120			
m,p-Xylenes	41.4	1.0	ug/l	50.0		83	75-125			
o-Xylene	21.6	0.50	ug/l	25.0		87	75-125			
Xylenes, Total	63.1	1.0	ug/l	75.0		84	70-125			
Methyl-tert-butyl Ether (MTBE)	20.7	1.0	ug/l	25.0		83	60-135			
Surrogate: 4-Bromofluorobenzene	*23.4*		*ug/l*	*25.0*		*94*	*80-120*			
Surrogate: Dibromofluoromethane	*24.0*		*ug/l*	*25.0*		*96*	*80-120*			
Surrogate: Toluene-d8	*25.0*		*ug/l*	*25.0*		*100*	*80-120*			
Matrix Spike Analyzed: 03/28/2011 (11C3560-MS1)					**Source: IUC2448-07**					
Benzene	21.1	0.50	ug/l	25.0	ND	84	65-125			
Ethylbenzene	22.2	0.50	ug/l	25.0	ND	89	65-130			
Toluene	22.6	0.50	ug/l	25.0	ND	90	70-125			
m,p-Xylenes	43.5	1.0	ug/l	50.0	ND	87	65-130			
o-Xylene	22.7	0.50	ug/l	25.0	ND	91	65-125			
Xylenes, Total	66.2	1.0	ug/l	75.0	ND	88	60-130			
Methyl-tert-butyl Ether (MTBE)	23.3	1.0	ug/l	25.0	ND	93	55-145			
Surrogate: 4-Bromofluorobenzene	*23.2*		*ug/l*	*25.0*		*93*	*80-120*			
Surrogate: Dibromofluoromethane	*24.9*		*ug/l*	*25.0*		*100*	*80-120*			
Surrogate: Toluene-d8	*25.5*		*ug/l*	*25.0*		*102*	*80-120*			

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METHOD BLANK/QC DATA

VOLATILE ORGANICS by GC/MS (EPA 5030B/8260B)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 11C3560 Extracted: 03/28/11										
Matrix Spike Dup Analyzed: 03/28/2011 (11C3560-MSD1)					**Source: IUC2448-07**					
Benzene	20.3	0.50	ug/l	25.0	ND	81	65-125	4	20	
Ethylbenzene	22.0	0.50	ug/l	25.0	ND	88	65-130	1	20	
Toluene	21.6	0.50	ug/l	25.0	ND	86	70-125	4	20	
m,p-Xylenes	42.8	1.0	ug/l	50.0	ND	86	65-130	2	25	
o-Xylene	22.0	0.50	ug/l	25.0	ND	88	65-125	3	20	
Xylenes, Total	64.8	1.0	ug/l	75.0	ND	86	60-130	2	20	
Methyl-tert-butyl Ether (MTBE)	21.1	1.0	ug/l	25.0	ND	84	55-145	10	25	
Surrogate: 4-Bromofluorobenzene	*23.2*		*ug/l*	*25.0*		*93*	*80-120*			
Surrogate: Dibromofluoromethane	*24.9*		*ug/l*	*25.0*		*99*	*80-120*			
Surrogate: Toluene-d8	*25.1*		*ug/l*	*25.0*		*101*	*80-120*			
Batch: 11C3577 Extracted: 03/29/11										
Blank Analyzed: 03/29/2011 (11C3577-BLK1)										
Benzene	ND	0.50	ug/l							
1,2-Dichloroethane	ND	0.50	ug/l							
Ethylbenzene	ND	0.50	ug/l							
Toluene	ND	0.50	ug/l							
m,p-Xylenes	ND	1.0	ug/l							
o-Xylene	ND	0.50	ug/l							
Xylenes, Total	ND	1.0	ug/l							
Methyl-tert-butyl Ether (MTBE)	ND	1.0	ug/l							
tert-Amyl Methyl Ether (TAME)	ND	1.0	ug/l							
tert-Butanol (TBA)	ND	10	ug/l							
Surrogate: 4-Bromofluorobenzene	*22.2*		*ug/l*	*25.0*		*89*	*80-120*			
Surrogate: Dibromofluoromethane	*23.9*		*ug/l*	*25.0*		*95*	*80-120*			
Surrogate: Toluene-d8	*24.2*		*ug/l*	*25.0*		*97*	*80-120*			

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METHOD BLANK/QC DATA

VOLATILE ORGANICS by GC/MS (EPA 5030B/8260B)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 11C3577 Extracted: 03/29/11										
LCS Analyzed: 03/29/2011 (11C3577-BS1)										
Benzene	24.3	0.50	ug/l	25.0		97	70-120			
1,2-Dichloroethane	25.0	0.50	ug/l	25.0		100	60-140			
Ethylbenzene	25.1	0.50	ug/l	25.0		100	75-125			
Toluene	25.4	0.50	ug/l	25.0		102	70-120			
m,p-Xylenes	51.1	1.0	ug/l	50.0		102	75-125			
o-Xylene	26.1	0.50	ug/l	25.0		104	75-125			
Xylenes, Total	77.2	1.0	ug/l	75.0		103	70-125			
Methyl-tert-butyl Ether (MTBE)	24.1	1.0	ug/l	25.0		97	60-135			
tert-Amyl Methyl Ether (TAME)	24.2	1.0	ug/l	25.0		97	60-135			
tert-Butanol (TBA)	129	10	ug/l	125		103	70-135			
Surrogate: 4-Bromofluorobenzene	*23.5*		*ug/l*	*25.0*		*94*	*80-120*			
Surrogate: Dibromofluoromethane	*25.3*		*ug/l*	*25.0*		*101*	*80-120*			
Surrogate: Toluene-d8	*25.0*		*ug/l*	*25.0*		*100*	*80-120*			
Matrix Spike Analyzed: 03/29/2011 (11C3577-MS1)					**Source: IUC2448-09**					
Benzene	24.3	0.50	ug/l	25.0	ND	97	65-125			
1,2-Dichloroethane	25.6	0.50	ug/l	25.0	ND	102	60-140			
Ethylbenzene	25.5	0.50	ug/l	25.0	ND	102	65-130			
Toluene	25.6	0.50	ug/l	25.0	ND	102	70-125			
m,p-Xylenes	52.4	1.0	ug/l	50.0	ND	105	65-130			
o-Xylene	27.0	0.50	ug/l	25.0	ND	108	65-125			
Xylenes, Total	79.5	1.0	ug/l	75.0	ND	106	60-130			
Methyl-tert-butyl Ether (MTBE)	25.0	1.0	ug/l	25.0	ND	100	55-145			
tert-Amyl Methyl Ether (TAME)	25.1	1.0	ug/l	25.0	ND	100	60-140			
tert-Butanol (TBA)	139	10	ug/l	125	ND	111	65-140			
Surrogate: 4-Bromofluorobenzene	*23.8*		*ug/l*	*25.0*		*95*	*80-120*			
Surrogate: Dibromofluoromethane	*25.4*		*ug/l*	*25.0*		*102*	*80-120*			
Surrogate: Toluene-d8	*24.4*		*ug/l*	*25.0*		*98*	*80-120*			

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VOLATILE ORGANICS by GC/MS (EPA 5030B/8260B)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 11C3577 Extracted: 03/29/11										
Matrix Spike Dup Analyzed: 03/29/2011 (11C3577-MSD1)					**Source: IUC2448-09**					
Benzene	22.8	0.50	ug/l	25.0	ND	91	65-125	6	20	
1,2-Dichloroethane	24.9	0.50	ug/l	25.0	ND	99	60-140	3	20	
Ethylbenzene	24.4	0.50	ug/l	25.0	ND	98	65-130	4	20	
Toluene	24.6	0.50	ug/l	25.0	ND	98	70-125	4	20	
m,p-Xylenes	49.4	1.0	ug/l	50.0	ND	99	65-130	6	25	
o-Xylene	25.3	0.50	ug/l	25.0	ND	101	65-125	7	20	
Xylenes, Total	74.7	1.0	ug/l	75.0	ND	100	60-130	6	20	
Methyl-tert-butyl Ether (MTBE)	25.0	1.0	ug/l	25.0	ND	100	55-145	0.04	25	
tert-Amyl Methyl Ether (TAME)	24.9	1.0	ug/l	25.0	ND	100	60-140	0.6	30	
tert-Butanol (TBA)	132	10	ug/l	125	ND	105	65-140	6	25	
Surrogate: 4-Bromofluorobenzene	*23.0*		*ug/l*	*25.0*		*92*	*80-120*			
Surrogate: Dibromofluoromethane	*25.2*		*ug/l*	*25.0*		*101*	*80-120*			
Surrogate: Toluene-d8	*24.2*		*ug/l*	*25.0*		*97*	*80-120*			

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DATA QUALIFIERS AND DEFINITIONS

M1 The MS and/or MSD were above the acceptance limits due to sample matrix interference. See Blank Spike (LCS).

ND Analyte NOT DETECTED at or above the reporting limit or MDL, if MDL is specified.

RPD Relative Percent Difference

ADDITIONAL COMMENTS

For 8260 analyses:

Due to the high water solubility of alcohols and ketones, the calibration criteria for these compounds is <30% RSD.
The average % RSD of all compounds in the calibration is 15%, in accordance with EPA methods.

For Volatile Fuel Hydrocarbons (C4-C12):

Volatile Fuel Hydrocarbons (C4-C12) are quantitated against a gasoline standard. Quantitation begins immediately before TBA-d9.

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TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

17461 Derian Avenue. Suite 100, Irvine, CA 92614 (949) 261-1022 Fax:(949) 260-3297

Blaine Tech San Jose/CRA Shell
1680 Rogers Avenue
San Jose, CA 95112-1105
Attention: Lorin King

Project ID: 1784 150th Ave., San Leandro, CA

Report Number: IUC2448

Sampled: 03/18/11
Received: 03/22/11

Certification Summary

TestAmerica Irvine

Method	Matrix	Nelac	California
EPA 8260B	Water	X	X
TPH by GC/MS	Water	X	X

Nevada and NELAP provide analyte specific accreditations. Analyte specific information for TestAmerica may be obtained by contacting the laboratory or visiting our website at www.testamericainc.com

TestAmerica Irvine

Pat Abe For Philip Sanelle
Project Manager

Shell Oil Products Chain Of Custody Record

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

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

Print Bill To Contact Name: Peter Schaefer 240612

INCIDENT # (ENV SERVICES) 9 8 9 9 6 0 6 8

☐ CHECK IF NO INCIDENT # APPLIES

DATE: 3-19-11

PAGE: 1 of 2

PO #

SAP #

SAMPLING COMPANY: Blaine Tech Services
LOG CODE: BTSS
SITE ADDRESS: Street and City: 1784 150th Ave.., San Leandro
State: CA
GLOBAL ID NO.: T0600101230
ADDRESS: 1680 Rogers Avenue, San Jose, CA
EDF DELIVERABLE TO (Name, Company, Office Location): Brenda Carter, CRA, Emeryville
PHONE NO.: 510-420-3343
E-MAIL: shelledf@craworld.com
CONSULTANT PROJECT NO.: 110318-J01
PROJECT CONTACT (Hardcopy or PDF Report to): Lorin King
SAMPLER NAME(S) (Print): J. Ortiz
LAB USE ONLY: IUC2448
TELEPHONE: 310-995-4455 x 108
FAX: 310-637-5802
E-MAIL: lking@blainetech.com

TURNAROUND TIME (CALENDAR DAYS): ☒ STANDARD (14 DAY) ☐ 5 DAYS ☐ 3 DAYS ☐ 2 DAYS ☐ 24 HOURS ☐ RESULTS NEEDED ON WEEKEND

☐ LA - RWQCB REPORT FORMAT ☐ UST AGENCY:

SPECIAL INSTRUCTIONS OR NOTES :

Email invoice and copy of final report to Shell.Lab.Billing@craworld.com

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

TEMPERATURE ON RECEIPT C°: (CS) 3.6 °C

REQUESTED ANALYSIS

LAB USE ONLY	Field Sample Identification	SAMPLING DATE	SAMPLING TIME	MATRIX	HCL	HNO3	H2SO4	NONE	OTHER	NO. OF CONT.	TPH -GRO, Purgeable (8260B)	TPH -DRO, Extractable (8015M)	TPHg (8015M)	BTEX (5260B)	BTEX + MTBE (8260B)	BTEX + MTBE + TBA (8260B)	BTEX + 5 OXYs (MTBE, TBA, DIPE, TAME, ETBE) 8260B	Full VOC list (8260B)	Single Compound: ____ (8260B)	1,2-DCA (8260B)	EDB (8260B)	Ethanol (8260B)	Methanol (8015M)	TAME (8260)	TBA (8260)				Container PID Readings or Laboratory Notes
	MW-1A	3-18-11	1200	W	3					3	X				X														
	MW-1B	↓	1220	↓	↓					↓	X				X														
	MW-2B		1310								X				X														
	MW-3		1330								X						X			X									0.0 3/23/11 12:50
	MW-4		1120								X						X												
	MW-5		1155								X				X														
	MW-6		1220								X				X														
	MW-9		1050								X				X														
	MW-10		1305								X				X					X				X	X				
	MW-11		1430								X				X					X				X	X				

Relinquished by: (Signature)	Received by: (Signature)	Date:	Time:
[signature]	[signature]	3-18-11	1600
[signature]	[signature] (TASF)	3-21-11	0840
[signature]	Gerald Nayler	03/21/11	0920

05/2/06 Revision

Gerald Nayler 3-21-11 16:00 Rec'd by: [signature] (CS) 3.6 °C 3/22/11 10:40

22V08

Shell Oil Products Chain Of Custody Record

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

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

Print Bill To Contact Name: Peter Schaefer 240612

PO #

INCIDENT # (ENV SERVICES): 9 8 9 9 6 0 6 8

SAP #

☐ CHECK IF NO INCIDENT # APPLIES

DATE: 3-18-11

PAGE: 2 of 2

SAMPLING COMPANY: Blaine Tech Services

LOG CODE: BTSS

ADDRESS: 1680 Rogers Avenue, San Jose, CA

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

TELEPHONE: 310-995-4455 x 108

FAX: 310-637-5802

E-MAIL: lking@blainetech.com

SITE ADDRESS: Street and City: 1784 150th Ave.., San Leandro

State: CA

GLOBAL ID NO.: T0600101230

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

PHONE NO.: 510-420-3343

E-MAIL: shelledf@craworld.com

CONSULTANT PROJECT NO.: 110338-61

SAMPLER NAME(S) (Print): J. Ortiz

LAB USE ONLY

TURNAROUND TIME (CALENDAR DAYS):
☑ STANDARD (14 DAY) ☐ 5 DAYS ☐ 3 DAYS ☐ 2 DAYS ☐ 24 HOURS ☐ RESULTS NEEDED ON WEEKEND

☐ LA - RWQCB REPORT FORMAT ☐ UST AGENCY:

SPECIAL INSTRUCTIONS OR NOTES :

Email invoice and copy of final report to Shell.Lab.Billing@craworld.com

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

REQUESTED ANALYSIS

LAB USE ONLY	Field Sample Identification	SAMPLING DATE	SAMPLING TIME	MATRIX	PRESERVATIVE HCL	HNO3	H2SO4	NONE	OTHER	NO. OF CONT.	TPH -GRO, Purgeable (8260B)	TPH -DRO, Extractable (8015M)	TPHg (8015M)	BTEX (5260B)	BTEX + MTBE (8260B)	BTEX + MTBE + TBA (8260B)	BTEX + 5 OXYs (MTBE, TBA, DIPE, TAME, ETBE) 8260B	Full VOC list (8260B)	Single Compound: ____ (8260B)	1,2-DCA (8260B)	EDB (8260B)	Ethanol (8260B)	Methanol (8015M)	Container PID Readings or Laboratory Notes
	MW-13	3-18-11	1025	W	3					3	X				X									
	EW-1	"	1330	"	"					"	X				X									
	EW-2	"	1355	"	"					"	X				X									

TEMPERATURE ON RECEIPT C°: (C) 3.6 °C

Relinquished by: (Signature) — Received by: (Signature) — Date: 3-18-11 — Time: 1600

Relinquished by: (Signature) — Received by: (Signature) (TASF) — Date: 3-21-11 — Time: 0840

Relinquished by: (Signature) — Received by: (Signature) — Date: 03/21/11 — Time: 0920

Gerald Taylor 3-21-11 16:00

Rec'd by: Nu Banks 3/22/11 10:40

22V08

05/2/08 Revision

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

17461 Derian Avenue. Suite 100, Irvine, CA 92614 (949) 261-1022 Fax:(949) 260-3297

LABORATORY REPORT

Prepared For: Blaine Tech San Jose/CRA Shell
1680 Rogers Avenue
San Jose, CA 95112-1105
Attention: Lorin King

Project: 1784 150th Ave., San Leandro, CA

Sampled: 03/31/11
Received: 04/02/11
Issued: 04/17/11 15:33

NELAP #01108CA California ELAP#2706 CSDLAC #10256 AZ #AZ0671 NV #CA01531

SAMPLE CROSS REFERENCE

LABORATORY ID	CLIENT ID	MATRIX
IUD0109-01	MW-8	Water
IUD0109-02	MW-7	Water
IUD0109-03	MW-12	Water

Reviewed By:

TestAmerica Irvine

Pat Abe For Philip Sanelle
Project Manager

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Blaine Tech San Jose/CRA Shell
1680 Rogers Avenue
San Jose, CA 95112-1105
Attention: Lorin King

Project ID: 1784 150th Ave., San Leandro, CA

Report Number: IUD0109

Sampled: 03/31/11
Received: 04/02/11

VOLATILE FUEL HYDROCARBONS BY GC/MS (CA LUFT)

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: IUD0109-01 (MW-8 - Water)								
Reporting Units: ug/l								
Volatile Fuel Hydrocarbons (C4-C12)	TPH by GC/MS	11D0969	200	**4900**	4	4/8/2011	4/9/2011	
Surrogate: Dibromofluoromethane (80-120%)				*100 %*				
Surrogate: Toluene-d8 (80-120%)				*105 %*				
Surrogate: 4-Bromofluorobenzene (80-120%)				*98 %*				
Sample ID: IUD0109-02 (MW-7 - Water)								
Reporting Units: ug/l								
Volatile Fuel Hydrocarbons (C4-C12)	TPH by GC/MS	11D0969	50	**2600**	1	4/8/2011	4/9/2011	
Surrogate: Dibromofluoromethane (80-120%)				*105 %*				
Surrogate: Toluene-d8 (80-120%)				*106 %*				
Surrogate: 4-Bromofluorobenzene (80-120%)				*99 %*				
Sample ID: IUD0109-03 (MW-12 - Water)								
Reporting Units: ug/l								
Volatile Fuel Hydrocarbons (C4-C12)	TPH by GC/MS	11D0969	500	**6400**	10	4/8/2011	4/9/2011	
Surrogate: Dibromofluoromethane (80-120%)				*102 %*				
Surrogate: Toluene-d8 (80-120%)				*105 %*				
Surrogate: 4-Bromofluorobenzene (80-120%)				*98 %*				

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Project Manager

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San Jose, CA 95112-1105
Attention: Lorin King

Project ID: 1784 150th Ave., San Leandro, CA

Report Number: IUD0109

Sampled: 03/31/11
Received: 04/02/11

VOLATILE ORGANICS by GC/MS (EPA 5030B/8260B)

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: IUD0109-01 (MW-8 - Water)								
Reporting Units: ug/l								
Benzene	EPA 8260B	11D0969	2.0	**13**	4	4/8/2011	4/9/2011	
Ethylbenzene	EPA 8260B	11D0969	2.0	**130**	4	4/8/2011	4/9/2011	
Toluene	EPA 8260B	11D0969	2.0	**3.8**	4	4/8/2011	4/9/2011	
Xylenes, Total	EPA 8260B	11D0969	4.0	**520**	4	4/8/2011	4/9/2011	
Methyl-tert-butyl Ether (MTBE)	EPA 8260B	11D0969	4.0	ND	4	4/8/2011	4/9/2011	
Surrogate: 4-Bromofluorobenzene (80-120%)				*98 %*				
Surrogate: Dibromofluoromethane (80-120%)				*100 %*				
Surrogate: Toluene-d8 (80-120%)				*105 %*				
Sample ID: IUD0109-02 (MW-7 - Water)								
Reporting Units: ug/l								
Benzene	EPA 8260B	11D0969	0.50	**4.4**	1	4/8/2011	4/9/2011	
Ethylbenzene	EPA 8260B	11D0969	0.50	**55**	1	4/8/2011	4/9/2011	
Toluene	EPA 8260B	11D0969	0.50	**1.4**	1	4/8/2011	4/9/2011	
Xylenes, Total	EPA 8260B	11D0969	1.0	**100**	1	4/8/2011	4/9/2011	
Methyl-tert-butyl Ether (MTBE)	EPA 8260B	11D0969	1.0	ND	1	4/8/2011	4/9/2011	
Surrogate: 4-Bromofluorobenzene (80-120%)				*99 %*				
Surrogate: Dibromofluoromethane (80-120%)				*105 %*				
Surrogate: Toluene-d8 (80-120%)				*106 %*				
Sample ID: IUD0109-03 (MW-12 - Water)								
Reporting Units: ug/l								
Benzene	EPA 8260B	11D0969	5.0	**760**	10	4/8/2011	4/9/2011	
Ethylbenzene	EPA 8260B	11D0969	5.0	**190**	10	4/8/2011	4/9/2011	
Toluene	EPA 8260B	11D0969	5.0	**98**	10	4/8/2011	4/9/2011	
Xylenes, Total	EPA 8260B	11D0969	10	**550**	10	4/8/2011	4/9/2011	
Methyl-tert-butyl Ether (MTBE)	EPA 8260B	11D0969	10	ND	10	4/8/2011	4/9/2011	
Surrogate: 4-Bromofluorobenzene (80-120%)				*98 %*				
Surrogate: Dibromofluoromethane (80-120%)				*102 %*				
Surrogate: Toluene-d8 (80-120%)				*105 %*				

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Received: 04/02/11

METHOD BLANK/QC DATA

VOLATILE FUEL HYDROCARBONS BY GC/MS (CA LUFT)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 11D0969 Extracted: 04/08/11										
Blank Analyzed: 04/08/2011 (11D0969-BLK1)										
Volatile Fuel Hydrocarbons (C4-C12)	ND	50	ug/l							
Surrogate: Dibromofluoromethane	*25.4*		*ug/l*	*25.0*		*101*	*80-120*			
Surrogate: Toluene-d8	*26.2*		*ug/l*	*25.0*		*105*	*80-120*			
Surrogate: 4-Bromofluorobenzene	*24.0*		*ug/l*	*25.0*		*96*	*80-120*			
LCS Analyzed: 04/08/2011 (11D0969-BS2)										
Volatile Fuel Hydrocarbons (C4-C12)	400	50	ug/l	500		80	55-130			
Surrogate: Dibromofluoromethane	*25.6*		*ug/l*	*25.0*		*102*	*80-120*			
Surrogate: Toluene-d8	*26.1*		*ug/l*	*25.0*		*105*	*80-120*			
Surrogate: 4-Bromofluorobenzene	*24.8*		*ug/l*	*25.0*		*99*	*80-120*			
Matrix Spike Analyzed: 04/08/2011 (11D0969-MS1)					**Source: IUD0169-01**					
Volatile Fuel Hydrocarbons (C4-C12)	2550	50	ug/l	1720	1400	67	50-145			
Surrogate: Dibromofluoromethane	*26.0*		*ug/l*	*25.0*		*104*	*80-120*			
Surrogate: Toluene-d8	*26.0*		*ug/l*	*25.0*		*104*	*80-120*			
Surrogate: 4-Bromofluorobenzene	*24.9*		*ug/l*	*25.0*		*100*	*80-120*			
Matrix Spike Dup Analyzed: 04/08/2011 (11D0969-MSD1)					**Source: IUD0169-01**					
Volatile Fuel Hydrocarbons (C4-C12)	2500	50	ug/l	1720	1400	64	50-145	2	20	
Surrogate: Dibromofluoromethane	*26.1*		*ug/l*	*25.0*		*104*	*80-120*			
Surrogate: Toluene-d8	*26.1*		*ug/l*	*25.0*		*104*	*80-120*			
Surrogate: 4-Bromofluorobenzene	*24.7*		*ug/l*	*25.0*		*99*	*80-120*			

TestAmerica Irvine

Pat Abe For Philip Sanelle
Project Manager

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Attention: Lorin King

Project ID: 1784 150th Ave., San Leandro, CA

Report Number: IUD0109

Sampled: 03/31/11
Received: 04/02/11

METHOD BLANK/QC DATA

VOLATILE ORGANICS by GC/MS (EPA 5030B/8260B)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 11D0969 Extracted: 04/08/11										
Blank Analyzed: 04/08/2011 (11D0969-BLK1)										
Benzene	ND	0.50	ug/l							
Ethylbenzene	ND	0.50	ug/l							
Toluene	ND	0.50	ug/l							
m,p-Xylenes	ND	1.0	ug/l							
o-Xylene	ND	0.50	ug/l							
Xylenes, Total	ND	1.0	ug/l							
Methyl-tert-butyl Ether (MTBE)	ND	1.0	ug/l							
Surrogate: 4-Bromofluorobenzene	*24.0*		*ug/l*	*25.0*		*96*	*80-120*			
Surrogate: Dibromofluoromethane	*25.4*		*ug/l*	*25.0*		*101*	*80-120*			
Surrogate: Toluene-d8	*26.2*		*ug/l*	*25.0*		*105*	*80-120*			
LCS Analyzed: 04/08/2011 (11D0969-BS1)										
Benzene	24.6	0.50	ug/l	25.0		99	70-120			
Ethylbenzene	26.3	0.50	ug/l	25.0		105	75-125			
Toluene	25.4	0.50	ug/l	25.0		101	70-120			
m,p-Xylenes	52.0	1.0	ug/l	50.0		104	75-125			
o-Xylene	26.3	0.50	ug/l	25.0		105	75-125			
Xylenes, Total	78.3	1.0	ug/l	75.0		104	70-125			
Methyl-tert-butyl Ether (MTBE)	26.3	1.0	ug/l	25.0		105	60-135			
Surrogate: 4-Bromofluorobenzene	*24.6*		*ug/l*	*25.0*		*98*	*80-120*			
Surrogate: Dibromofluoromethane	*25.8*		*ug/l*	*25.0*		*103*	*80-120*			
Surrogate: Toluene-d8	*26.3*		*ug/l*	*25.0*		*105*	*80-120*			
Matrix Spike Analyzed: 04/08/2011 (11D0969-MS1)					**Source: IUD0169-01**					
Benzene	50.1	0.50	ug/l	25.0	28.5	87	65-125			
Ethylbenzene	92.6	0.50	ug/l	25.0	75.6	68	65-130			
Toluene	64.1	0.50	ug/l	25.0	45.5	74	70-125			
Methyl-tert-butyl Ether (MTBE)	26.9	1.0	ug/l	25.0	ND	108	55-145			
Surrogate: 4-Bromofluorobenzene	*24.9*		*ug/l*	*25.0*		*100*	*80-120*			
Surrogate: Dibromofluoromethane	*26.0*		*ug/l*	*25.0*		*104*	*80-120*			
Surrogate: Toluene-d8	*26.0*		*ug/l*	*25.0*		*104*	*80-120*			

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METHOD BLANK/QC DATA

VOLATILE ORGANICS by GC/MS (EPA 5030B/8260B)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 11D0969 Extracted: 04/08/11										
Matrix Spike Dup Analyzed: 04/08/2011 (11D0969-MSD1)					**Source: IUD0169-01**					
Benzene	48.9	0.50	ug/l	25.0	28.5	82	65-125	2	20	
Ethylbenzene	89.6	0.50	ug/l	25.0	75.6	56	65-130	3	20	*M2*
Toluene	62.0	0.50	ug/l	25.0	45.5	66	70-125	3	20	*M2*
Methyl-tert-butyl Ether (MTBE)	27.2	1.0	ug/l	25.0	ND	109	55-145	1	25	
Surrogate: 4-Bromofluorobenzene	*24.7*		*ug/l*	*25.0*		*99*	*80-120*			
Surrogate: Dibromofluoromethane	*26.1*		*ug/l*	*25.0*		*104*	*80-120*			
Surrogate: Toluene-d8	*26.1*		*ug/l*	*25.0*		*104*	*80-120*			

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Project Manager

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Report Number: IUD0109

Sampled: 03/31/11
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DATA QUALIFIERS AND DEFINITIONS

M2 The MS and/or MSD were below the acceptance limits due to sample matrix interference. See Blank Spike (LCS).

ND Analyte NOT DETECTED at or above the reporting limit or MDL, if MDL is specified.

RPD Relative Percent Difference

ADDITIONAL COMMENTS

For Volatile Fuel Hydrocarbons (C4-C12):

Volatile Fuel Hydrocarbons (C4-C12) are quantitated against a gasoline standard. Quantitation begins immediately before TBA-d9.

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Project Manager

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Received: 04/02/11

Certification Summary

TestAmerica Irvine

Method	Matrix	Nelac	California
EPA 8260B	Water	X	X
TPH by GC/MS	Water	X	X

Nevada and NELAP provide analyte specific accreditations. Analyte specific information for TestAmerica may be obtained by contacting the laboratory or visiting our website at www.testamericainc.com

TestAmerica Irvine

Pat Abe For Philip Sanelle
Project Manager

Shell Oil Products Chain Of Custody Record

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

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

Print Bill To Contact Name: Peter Schaefer 240612

PO #

INCIDENT # (ENV SERVICES): 98996068

☐ CHECK IF NO INCIDENT # APPLIES

SAP #

DATE: 3-31-11

PAGE: 1 of 1

SAMPLING COMPANY: Blaine Tech Services	LOG CODE: BTSS
ADDRESS: 1680 Rogers Avenue, San Jose, CA	
PROJECT CONTACT (Hardcopy or PDF Report to): Lorin King	
TELEPHONE: 310-995-4455 x 108	FAX: 310-637-5802
E-MAIL: lking@blainetech.com	
SITE ADDRESS: Street and City: 1784 150th Ave.., San Leandro	State: CA
GLOBAL ID NO.: T0600101230	
EDF DELIVERABLE TO (Name, Company, Office Location): Brenda Carter, CRA, Emeryville	PHONE NO.: 510-420-3343
E-MAIL: shelledf@craworld.com	CONSULTANT PROJECT NO.: 110331-J03
SAMPLER NAME(S) (Print): J. Ortiz	LAB USE ONLY: 710909

TURNAROUND TIME (CALENDAR DAYS):
☑ STANDARD (14 DAY) ☐ 5 DAYS ☐ 3 DAYS ☐ 2 DAYS ☐ 24 HOURS ☐ RESULTS NEEDED ON WEEKEND

☐ LA - RWQCB REPORT FORMAT ☐ UST AGENCY:

SPECIAL INSTRUCTIONS OR NOTES :

Email invoice and copy of final report to Shell.Lab.Billing@craworld.com

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

REQUESTED ANALYSIS

LAB USE ONLY	Field Sample Identification	SAMPLING DATE	SAMPLING TIME	MATRIX	PRESERVATIVE HCL	HNO3	H2SO4	NONE	OTHER	NO. OF CONT.	TPH -GRO, Purgeable (8260B)	TPH -DRO, Extractable (8015M)	TPHg (8015M)	BTEX (5260B)	BTEX + MTBE (8260B)	BTEX + MTBE + TBA (8260B)	BTEX + 5 OXYs (MTBE, TBA, DIPE, TAME, ETBE) 8260B	Full VOC list (8260B)	Single Compound: _____(8260B)	1,2-DCA (8260B)	EDB (8260B)	Ethanol (8260B)	Methanol (8015M)	Container PID Readings or Laboratory Notes
	MW-8	3-31-11	1350	W	3					3	X				X									
	MW-7	"	1305	"	"					"	X				X									
	MW-12	"	1325	"	"					"	X				X									

TEMPERATURE ON RECEIPT C°: 3.0°

1350 4/2/11 MB

Relinquished by: (Signature)	Received by: (Signature)	Date: 3/31/11	Time: 1500
Relinquished by: (Signature)	Received by: (Signature) (TABF)	Date: 4/1/11	Time: 1435
Relinquished by: (Signature) (TABF)	Received by: (Signature) 04/01/11 11:45	Date: 04/01/11	Time: 1620

(sample custodian)

05/2/06 Revision

#5016