CONESTOGA-ROVERS & ASSOCIATES

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

TRANSMITTAL

DATE: November 15, 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 94502-6577

RECEIVED
10:19 am, Nov 17, 2011
Alameda County
Environmental Health

Please find enclosed:
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QUANTITY	DESCRIPTION
1	Groundwater Monitoring Report – Third 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)
Bansal, Inc., 1784 150th Avenue, San Leandro, CA 94578-1826

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 - THIRD 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

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

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NOVEMBER 15, 2011
REF. NO. 240612 (24)
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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 August 8, 2011.

2.0 SITE ACTIVITIES, FINDINGS, AND DISCUSSION

2.1 CURRENT QUARTER'S ACTIVITIES

CRA's July 14, 2011 *Soil Vapor Sampling Report* provided results from our May 6, 2011 soil vapor sampling event. Soil vapor probes SVP-4 and SVP-5 could not be sampled during the May 6, 2011 sampling event or on a second sampling attempt on June 8, 2011 because they contained water.

CRA's November 10, 2011 *Soil Vapor Sampling Report* provided results from our August 24, 2011 soil vapor sampling event. Soil vapor probes SVP-4 and SVP-5 could not be sampled during the August 24, 2011 sampling event or on a second sampling attempt on November 11, 2011 because they contained water.

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	13.20 to 24.81 feet below top of well casing

2.3 PROPOSED ACTIVITIES

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

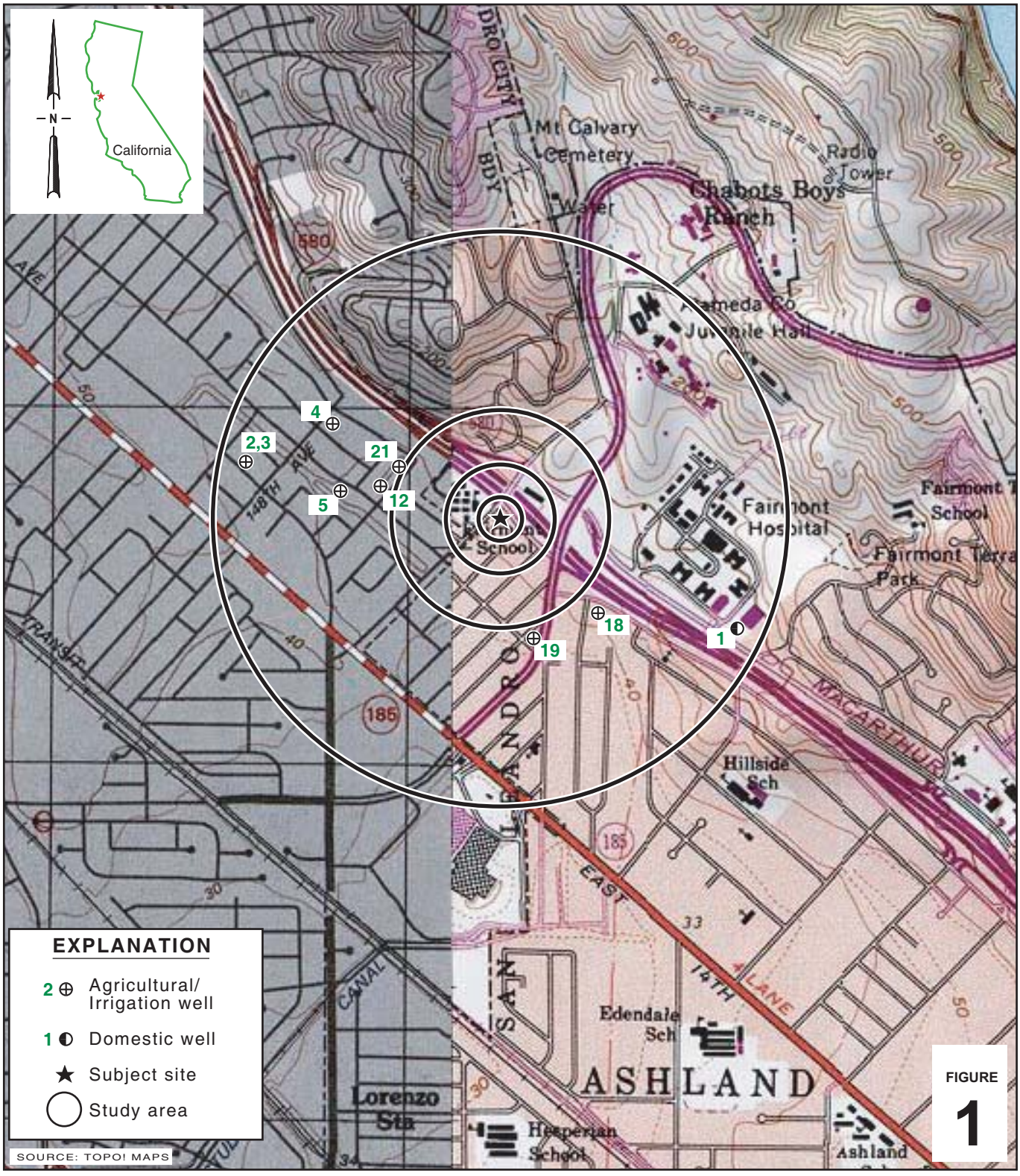

FIGURE 1

0 1/8 1/4 1/2 1

SCALE : 1" = 1/4 MILE

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

Shell-branded Service Station

1784 150th Avenue

San Leandro, California

CONESTOGA-ROVERS & ASSOCIATES

Vicinity Map

10/17/2011

Groundwater Contour and Chemical Concentration Map

September 27, 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
- ❶ — Dispenser number
- Product piping (P)
- Water line (W)
- 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:
ND = Not detected
NDa = Elevated reporting limit, see laboratory report for details
NS = Not sampled
^ = Data anomalous; not used in contouring

PORTOFINO CIRCLE
PORTOFINO DRIVE
150TH AVENUE
FREEDOM AVENUE
I-580
Brick Sound Wall
Residential
Residential (Townhouses)
Private (Gated Driveway)
Storm Drain
Manhole (MH, typ.)
Shell Station
1784 150th Ave.
Former Dispenser Island
Dispenser Islands
USTs
Station Building
Former W/O UST
Air Comp.
Storage
Parking Lot
Denny's Restaurant
15015 Freedom Ave.

MW-13*: 27.16 / ND / ND
MW-9: 27.16 / ND / ND
MW-4: 27.25 / NS
MW-7: 27.15 / 1.2 / ND
MW-12: 28.03^ / 310 / NDa
MW-2B*: 27.09 / 43 / 120
MW-8: 27.59^ / NDa / NDa
MW-11: 27.13 / 470 / NDa
MW-10: 27.14 / ND / ND
MW-3: 27.11 / NS
EW-2: 27.06 / 280 / NDa
EW-1: 27.06 / 1,200 / 110
MW-5: 27.06 / ND / ND
MW-1A: 27.09 / ND / 7.4
MW-1B*: 27.02 / ND / 6.6
MW-6*: 26.99 / ND / ND

27.25 — 27.20 — 27.15 — 27.10

0 20 40 80
Scale (ft)

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-RPT24-3Q11\240612 3QM11-GW.DWG

TABLE

TABLE 1

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

Well ID	Date	TPHd (µg/L)	TPHg (µg/L)	B (µg/L)	T (µg/L)	E (µg/L)	X (µg/L)	MTBE 8020 (µg/L)	MTBE 8260 (µg/L)	TBA (µg/L)	DIPE (µg/L)	ETBE (µg/L)	TAME (µg/L)	1,2-DCA (µg/L)	EDB (µg/L)	TOC (ft MSL)	Depth to Water (ft TOC)	SPH Thickness (ft)	GW Elevation (ft MSL)	DO Reading (mg/L)
EW-1	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	740	<40	<40	<40	---	---	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	650	<20	<20	<20	---	---	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-1	**9/27/2011**	**---**	**17,000**	**1,200**	**270**	**1,200**	**2,300**	**---**	**110**	**520**	**<20**	**<20**	**<20**	**---**	**---**	**48.44**	**21.38**	**---**	**27.06**	**1.29**
EW-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	9,700 t,u	67,000	480	330	3,300	17,000	---	110	540	<100	<100	<100	---	---	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	330	<50	<50	<50	---	---	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
EW-2	**9/27/2011**	**---**	**42,000**	**280**	**1,100**	**2,700**	**14,000**	**---**	**<40**	**<400**	**<40**	**<40**	**<40**	**---**	**---**	**44.52**	**17.46**	**---**	**27.06**	**1.27**
MW-1	3/8/1990	120	510	1.5	0.8	<0.5	5.4	---	---	---	---	---	---	---	---	49.13	25.29	---	23.84	---
MW-1	6/12/1990	100	390	86	1.3	0.7	6.2	---	---	---	---	---	---	---	---	49.13	25.85	---	23.28	---
MW-1	9/13/1990	130	100	56	0.75	2.4	2.8	---	---	---	---	---	---	---	---	49.13	27.49	---	21.64	---
MW-1	12/18/1990	<50	480	54	1.7	3.3	3.7	---	---	---	---	---	---	---	---	49.13	27.41	---	21.72	---
MW-1	3/7/1991	<50	80	266	<0.5	1.2	<1.5	---	---	---	---	---	---	---	---	49.13	25.79	---	23.34	---
MW-1	6/7/1991	<50	510	130	3.8	6.1	11	---	---	---	---	---	---	---	---	49.13	25.64	---	23.49	---
MW-1	9/17/1991	120 a	330	67	<0.5	3.0	2.2	---	---	---	---	---	---	---	---	49.13	27.54	---	21.59	---
MW-1	12/9/1991	80	140 a	<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	---
MW-1	12/4/1992	---	150	360	0.7	1.8	2.1	---	---	---	---	---	---	---	---	49.13	27.14	---	21.99	---

TABLE 1

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

Well ID	Date	TPHd (µg/L)	TPHg (µg/L)	B (µg/L)	T (µg/L)	E (µg/L)	X (µg/L)	MTBE 8020 (µg/L)	MTBE 8260 (µg/L)	TBA (µg/L)	DIPE (µg/L)	ETBE (µg/L)	TAME (µg/L)	1,2-DCA (µg/L)	EDB (µg/L)	TOC (ft MSL)	Depth to Water (ft TOC)	SPH Thickness (ft)	GW Elevation (ft MSL)	DO Reading (mg/L)
MW-1	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	0.05	30.34	---
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	---	---	---	---
MW-1	9/26/1996	---	29,000	1,100	260	270	1,900	<1,000	---	---	---	---	---	---	---	49.13	23.57	0.01	25.57	---
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	---	---	---	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	---	---	---	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	---	---	---	1.6
MW-1	9/12/1997	---	6,300	120	26	82	260	30	---	---	---	---	---	---	---	49.13	21.78	---	27.35	2.1
MW-1	12/18/1997	---		---	---	---	---	---	---	---	---	---	---	---	---	49.13	20.78	---	28.35	1.3
MW-1	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	---	---	---	2.5
MW-1	8/26/1998	---	3,100	1,200	27	170	50	88	---	---	---	---	---	---	---	49.13	20.49	---	28.64	2.1
MW-1	12/23/1998	---	45,000	5,300	220	1,000	3,600	970	---	---	---	---	---	---	---	49.13	21.22	---	27.91	3.8
MW-1	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

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

Well ID	Date	TPHd (µg/L)	TPHg (µg/L)	B (µg/L)	T (µg/L)	E (µg/L)	X (µg/L)	MTBE 8020 (µg/L)	MTBE 8260 (µg/L)	TBA (µg/L)	DIPE (µg/L)	ETBE (µg/L)	TAME (µg/L)	1,2-DCA (µg/L)	EDB (µg/L)	TOC (ft MSL)	Depth to Water (ft TOC)	SPH Thickness (ft)	GW Elevation (ft MSL)	DO Reading (mg/L)
MW-1	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 g	---	---	---	---	---	---	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	310	<5.0	<5.0	<5.0	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	290	---	---	<10	<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	<500	---	---	<200	<50	---	49.10	21.93	---	27.17	0.9
MW-1	9/25/2003	---	33,000	7,700	250	860	3,400	---	130	<500	---	---	<200	<50	---	49.10	23.21	---	25.89	1.7
MW-1	12/15/2003	---	63,000	14,000	360	1,300	3,900	---	150	<1000	---	---	<400	<100	---	49.10	22.08	---	27.02	1.5
MW-1	3/4/2004	---	28,000	8,000	180	640	2,100	---	79	<500	---	---	<200	<50	---	49.10	19.85	---	29.25	0.2
MW-1	5/27/2004	---	33,000	8,700	260	840	2,700	---	81	<500	---	---	<200	<50	---	49.10	22.15	---	26.95	0.2
MW-1	9/24/2004	---	26,000	5,700	210	830	2,900	---	<50	<500	<200	<200	<200	<50	<50	49.10	23.69	---	25.41	1.5
MW-1	11/22/2004	---	100,000	2,500	920	4,100	22,000	---	130	<500	---	---	<200	<50	---	49.10	23.19	---	25.91	---
MW-1	3/2/2005	---	110,000	1,300	670	4,000	23,000	---	87	<500	---	---	<100	<25	---	49.10	19.35	---	29.75	---
MW-1	6/30/2005	---	94,000	6,500	1,100	3,900	21,000	---	900	<2,500	---	---	<1,000	<250	---	49.10	20.64	---	28.46	0.6
MW-1	9/20/2005	---	63,000	3,900	540	2,000	14,000	---	1,100	<2,000	<800	<800	<800	<200	---	49.10	22.06	---	27.04	---
MW-1	12/5/2005	---	---	---	---	---	---	---	---	---	---	---	---	---	---	49.10	21.90	0.06	27.25	---
MW-1	3/2/2006	---	---	---	---	---	---	---	---	---	---	---	---	---	---	49.10	17.54	0.05	31.60	---
MW-1	6/29/2006	Well inaccessible		---	---	---	---	---	---	---	---	---	---	---	---	49.10	---	---	---	---
MW-1	6/30/2006	---	---	---	---	---	---	---	---	---	---	---	---	---	---	49.10	20.16	0.04	28.97	---
MW-1	7/6/2006	---	---	---	---	---	---	---	---	---	---	---	---	---	---	49.10	20.26	0.03	28.86	---
MW-1	9/11/2006	---	---	---	---	---	---	---	---	---	---	---	---	---	---	49.10	21.24	0.06	27.91	---
MW-1	12/28/2006	---	---	---	---	---	---	---	---	---	---	---	---	---	---	49.10	20.83	0.04	28.30	---
MW-1	3/20/2007	---	43,600	11,900 l	348 l	964 l	1,450 l	---	9,180 l	<10,000	---	---	<200 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	2,200	---	---	<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

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

Well ID	Date	TPHd (µg/L)	TPHg (µg/L)	B (µg/L)	T (µg/L)	E (µg/L)	X (µg/L)	MTBE 8020 (µg/L)	MTBE 8260 (µg/L)	TBA (µg/L)	DIPE (µg/L)	ETBE (µg/L)	TAME (µg/L)	1,2-DCA (µg/L)	EDB (µg/L)	TOC (ft MSL)	Depth to Water (ft TOC)	SPH Thickness (ft)	GW Elevation (ft MSL)	DO Reading (mg/L)
MW-1	9/11/2007	---	38,000 q	8,100	140	670	1,770	---	5,700	3,000	<100	<100	<100	<25	---	49.10	23.65	---	25.45	0.84
MW-1	10/26/2007	---	40,000 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	2,500	---	---	<100	<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	3,700	<200	<200	<200	<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	0.01	25.98	1.64
MW-1	9/29/2008	---	61,000	7,900	560	1,400	2,480	---	2,300	4,100	<200	<200	<200	<50	---	49.10	24.04	---	25.06	0.69
MW-1	Well destroyed		---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
MW-1A	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	66	<2.0	<2.0	<2.0	---	---	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	42	<2.0	<2.0	<2.0	---	---	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-1A	**9/27/2011**	**---**	**360**	**<0.50**	**<0.50**	**<0.50**	**<1.0**	**---**	**7.4**	**82**	**<1.0**	**<1.0**	**<1.0**	**---**	**---**	**48.99**	**21.90**	**---**	**27.09**	**1.09**
MW-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
MW-1B	9/30/2009	---	<50	<0.50	<1.0	<1.0	<1.0	---	3.2	<10	<2.0	<2.0	<2.0	---	---	49.07	24.35	---	24.72	0.42
MW-1B	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	<10	<2.0	<2.0	<2.0	---	---	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-1B	**9/27/2011**	**---**	**<50**	**<0.50**	**<0.50**	**<0.50**	**<1.0**	**---**	**6.6**	**<10**	**<1.0**	**<1.0**	**<1.0**	**---**	**---**	**49.07**	**22.05**	**---**	**27.02**	**1.91**
MW-2	2/13/1992	---	---	---	---	---	---	---	---	---	---	---	---	---	---	45.83	22.22	---	23.61	---
MW-2	2/24/1992	2,700 a	17,000	6,200	1,600	550	1,900	---	---	---	---	---	---	---	---	45.83	19.61	---	26.22	---
MW-2	2/27/1992	---	---	---	---	---	---	---	---	---	---	---	---	---	---	45.83	19.92	---	25.91	---

TABLE 1

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

Well ID	Date	TPHd (µg/L)	TPHg (µg/L)	B (µg/L)	T (µg/L)	E (µg/L)	X (µg/L)	MTBE 8020 (µg/L)	MTBE 8260 (µg/L)	TBA (µg/L)	DIPE (µg/L)	ETBE (µg/L)	TAME (µg/L)	1,2-DCA (µg/L)	EDB (µg/L)	TOC (ft MSL)	Depth to Water (ft TOC)	SPH Thickness (ft)	GW Elevation (ft MSL)	DO Reading (mg/L)
MW-2	3/1/1992	1,000 a	86,000	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	---	---	---	---
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	---	---	---	---
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	---	---	---	---
MW-2	12/13/1993	---	19,000	5,400	4,900	680	3,100	---	---	---	---	---	---	---	---	45.83	20.42	---	25.41	---
MW-2 (D)	12/13/1993	---	17,000	6,200	5,500	720	3,500	---	---	---	---	---	---	---	---	45.83	---	---	---	---
MW-2	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	---	---	---	---
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	---	---	---	---
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	---	---	---	---
MW-2	12/19/1994	---	80,000	17,000	16,000	2,300	14,000	---	---	---	---	---	---	---	---	45.83	19.66	---	26.17	---
MW-2 (D)	12/19/1994	---	100,000	28,000	26,000	3,400	20,000	---	---	---	---	---	---	---	---	45.83	---	---	---	---
MW-2	2/28/1995	---	100,000	24,000	18,000	2,300	17,000	---	---	---	---	---	---	---	---	45.83	17.51	---	28.32	---
MW-2 (D)	2/28/1995	---	100,000	31,000	21,000	3,200	18,000	---	---	---	---	---	---	---	---	45.83	---	---	---	---
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	---	---	---	---
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	---	---	---	---
MW-2	12/19/1995	---	180,000	18,000	29,000	4,100	24,000	---	---	---	---	---	---	---	---	45.83	18.61	---	27.22	---
MW-2 (D)	12/19/1995	---	160,000	18,000	28,000	3,800	24,000	---	---	---	---	---	---	---	---	45.83	---	---	---	---
MW-2	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	---

TABLE 1

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

Well ID	Date	TPHd (µg/L)	TPHg (µg/L)	B (µg/L)	T (µg/L)	E (µg/L)	X (µg/L)	MTBE 8020 (µg/L)	MTBE 8260 (µg/L)	TBA (µg/L)	DIPE (µg/L)	ETBE (µg/L)	TAME (µg/L)	1,2-DCA (µg/L)	EDB (µg/L)	TOC (ft MSL)	Depth to Water (ft TOC)	SPH Thickness (ft)	GW Elevation (ft MSL)	DO Reading (mg/L)
MW-2	12/10/1996	---	---	---	---	---	---	---	---	---	---	---	---	---	---	45.83	18.15	0.25	27.88	---
MW-2	3/10/1997	---	---	---	---	---	---	---	---	---	---	---	---	---	---	45.83	17.02	0.20	28.97	---
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	---	---	---	1.7
MW-2	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	---	---	---	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	---	---	---	---
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 g	---	---	---	---	---	---	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 g	---	---	---	---	---	---	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 g	---	---	---	---	---	---	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 g	---	---	---	---	---	---	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
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	10,000	<50	<50	55	<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	10,000	---	---	<50	<50	---	45.79	17.72	---	28.07	1.4
MW-2	6/24/2003	---	19,000	9,500	530	700	2,900	---	14,000	6,000	---	---	<400	<100	---	45.79	18.30	---	27.49	1.4
MW-2	9/25/2003	---	65,000	24,000	1,500	2,400	9,700	---	19,000	6,400	---	---	<1,000	<250	---	45.79	20.05	---	25.74	1.3
MW-2	12/15/2003	---	67,000	18,000	1,800	1,900	7,200	---	11,000	3,700	---	---	<400	<100	---	45.79	18.80	---	26.99	0.1
MW-2	3/4/2004	---	72,000	27,000	1,200	2,100	7,600	---	13,000	6,800	---	---	<400	<100	---	45.79	16.75	---	29.04	0.2
MW-2	5/27/2004	---	74,000	6,000	2,000	2,500	15,000	---	19,000	8,500	---	---	<400	<100	---	45.79	18.85	---	26.94	0.8
MW-2	9/24/2004	---	<100	<1.0	<1.0	<1.0	<2.0	---	130	46	<4.0	<4.0	<4.0	19	<1.0	45.79	16.10	---	29.69	5.1
MW-2	11/22/2004	---	8,800	1,200	230	350	1,900	---	2,200	1,300	---	---	<40	<10	---	45.79	19.83	---	25.96	0.3
MW-2	3/2/2005	---	960	150	21	30	220	---	630	460	---	---	<10	<2.5	---	45.79	15.90	---	29.89	0.5
MW-2	6/30/2005	---	970	130	19	27	210	---	320 e	220	---	---	<2.0	0.98	---	45.79	17.14	---	28.65	0.7

TABLE 1

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

Well ID	Date	TPHd (µg/L)	TPHg (µg/L)	B (µg/L)	T (µg/L)	E (µg/L)	X (µg/L)	MTBE 8020 (µg/L)	MTBE 8260 (µg/L)	TBA (µg/L)	DIPE (µg/L)	ETBE (µg/L)	TAME (µg/L)	1,2-DCA (µg/L)	EDB (µg/L)	TOC (ft MSL)	Depth to Water (ft TOC)	SPH Thickness (ft)	GW Elevation (ft MSL)	DO Reading (mg/L)
MW-2	9/20/2005	---	890	320	10	35	190	---	440	570	<10	<10	<10	<2.5	---	45.79	18.66	---	27.13	0.9
MW-2	12/5/2005	---	690	150	6.1	21	130	---	450	520	---	---	<5.0	<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	3,800 g	---	---	5.7	<0.50 j	---	45.79	16.30	---	29.49	1.2
MW-2	6/29/2006	Well inaccessible		---	---	---	---	---	---	---	---	---	---	---	---	45.79	---	---	---	---
MW-2	6/30/2006	---	3,870	177	33.1	55.5	311	---	1,560	1,180	---	---	4.90	<0.500	---	45.79	16.72	---	29.07	0.58
MW-2	7/6/2006	---	---	---	---	---	---	---	---	---	---	---	---	---	---	45.79	16.86	---	28.93	---
MW-2	9/11/2006	---	10,700	1,010	134	211	1,280	---	2,780	1,850	<0.500	<0.500	45.7	<0.500	---	45.79	17.86	---	27.93	1.03
MW-2	12/28/2006	---	29,000	2,600	550	1,000	5,600	---	2,500	3,300	---	---	<50	<12	---	45.79	17.45	---	28.34	1.09
MW-2	3/20/2007	---	57,600	14,200 l	4,150 l	4,310 l	22,400 l	---	6,240 l	<10,000	---	---	<200 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	3,400	---	---	<100	<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	2,600	<100	<100	<100	<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	2,000	---	---	<50	<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	1,000	---	---	<200	<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	1,800	<100	<100	<100	<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	<500	<100	<100	<100	<25	---	45.79	24.50	---	21.29	1.37
MW-2	Well destroyed		---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
MW-2B	10/31/2008	---	---	---	---	---	---	---	---	---	---	---	---	---	---	44.96	20.20	---	24.76	---
MW-2B	12/19/2008	---	1,300	43	2.0	<1.0	65	---	50	---	---	---	---	---	---	44.96	19.60	---	25.36	0.48
MW-2B	3/10/2009	---	800	58	1.3	<1.0	4.2	---	110	---	---	---	---	---	---	44.96	16.10	---	28.86	0.69
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	270 t,u	10,000	1,500	<25	<25	<25	---	3,300	2,700	<50	<50	<50	---	---	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	310	<20	<20	<20	---	---	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-2B	**9/27/2011**	**---**	**290**	**43**	**27**	**12**	**43**	**---**	**120**	**52**	**<1.0**	**<1.0**	**<1.0**	**---**	**---**	**44.96**	**17.87**	**---**	**27.09**	**1.16**
MW-3	2/13/1992	---	---	---	---	---	---	---	---	---	---	---	---	---	---	51.97	27.97	---	24.00	---
MW-3	2/24/1992	1,300 a	4,500	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	440	2,200	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	---	---	---	---
MW-3	10/6/1992	---	---	---	---	---	---	---	---	---	---	---	---	---	---	51.97	30.01	---	21.96	---
MW-3	11/11/1992	---	---	---	---	---	---	---	---	---	---	---	---	---	---	51.97	30.26	---	21.71	---

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

Well ID	Date	TPHd (µg/L)	TPHg (µg/L)	B (µg/L)	T (µg/L)	E (µg/L)	X (µg/L)	MTBE 8020 (µg/L)	MTBE 8260 (µg/L)	TBA (µg/L)	DIPE (µg/L)	ETBE (µg/L)	TAME (µg/L)	1,2-DCA (µg/L)	EDB (µg/L)	TOC (ft MSL)	Depth to Water (ft TOC)	SPH Thickness (ft)	GW Elevation (ft MSL)	DO Reading (mg/L)
MW-3	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	---	---	---	---
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	0.04	30.41	---
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	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

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

Well ID	Date	TPHd (µg/L)	TPHg (µg/L)	B (µg/L)	T (µg/L)	E (µg/L)	X (µg/L)	MTBE 8020 (µg/L)	MTBE 8260 (µg/L)	TBA (µg/L)	DIPE (µg/L)	ETBE (µg/L)	TAME (µg/L)	1,2-DCA (µg/L)	EDB (µg/L)	TOC (ft MSL)	Depth to Water (ft TOC)	SPH Thickness (ft)	GW Elevation (ft MSL)	DO Reading (mg/L)
MW-3	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	<50	---	---	<2.0	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	<5.0	---	---	<2.0	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	<5.0	---	---	<2.0	0.82	---	51.92	24.94	---	26.98	0.5
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	<20	<8.0	<8.0	<8.0	<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	6/29/2006	Well inaccessible		---	---	---	---	---	---	---	---	---	---	---	---	51.92	---	---	---	---
MW-3	6/30/2006	---	1,580	<0.500	<0.500	<0.500	<0.500	---	<0.500	<10.0	<0.500	<0.500	<0.500	5.95	---	51.92	22.89	---	29.03	0.49
MW-3	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	<10	<2.0	<2.0	<2.0	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	<10	<2.0	<2.0	<2.0	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	---

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

Well ID	Date	TPHd (µg/L)	TPHg (µg/L)	B (µg/L)	T (µg/L)	E (µg/L)	X (µg/L)	MTBE 8020 (µg/L)	MTBE 8260 (µg/L)	TBA (µg/L)	DIPE (µg/L)	ETBE (µg/L)	TAME (µg/L)	1,2-DCA (µg/L)	EDB (µg/L)	TOC (ft MSL)	Depth to Water (ft TOC)	SPH Thickness (ft)	GW Elevation (ft MSL)	DO Reading (mg/L)
MW-3	6/3/2009	---	2,000	<0.50	<1.0	<1.0	<1.0	---	<1.0	<10	<2.0	<2.0	<2.0	12	---	51.92	25.24	---	26.68	1.11
MW-3	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	<10	<2.0	<2.0	<2.0	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	<10	<1.0	<1.0	<1.0	15	---	51.92	23.17	---	28.75	0.48
MW-3	**9/27/2011**	**---**	**---**	**---**	**---**	**---**	**---**	**---**	**---**	**---**	**---**	**---**	**---**	**---**	**---**	**51.92**	**24.81**	**---**	**27.11**	**---**
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	---
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	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

TABLE 1

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

Well ID	Date	TPHd (µg/L)	TPHg (µg/L)	B (µg/L)	T (µg/L)	E (µg/L)	X (µg/L)	MTBE 8020 (µg/L)	MTBE 8260 (µg/L)	TBA (µg/L)	DIPE (µg/L)	ETBE (µg/L)	TAME (µg/L)	1,2-DCA (µg/L)	EDB (µg/L)	TOC (ft MSL)	Depth to Water (ft TOC)	SPH Thickness (ft)	GW Elevation (ft MSL)	DO Reading (mg/L)
MW-4	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	---
MW-4	6/30/2005	---	<50 d	<0.50	<0.50	<0.50	<1.0	---	<0.50	<5.0	<2.0	<2.0	<2.0	---	---	40.45	11.60	---	28.85	0.8
MW-4	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	6/29/2006	Well inaccessible		---	---	---	---	---	---	---	---	---	---	---	---	40.45	---	---	---	---
MW-4	6/30/2006	---	<50.0	<0.500	<0.500	<0.500	<0.500	---	<0.500	<10.0	<0.500	<0.500	<0.500	---	---	40.45	11.20	---	29.25	0.44
MW-4	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	<10	<2.0	<2.0	<2.0	---	---	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	<10	<2.0	<2.0	<2.0	---	---	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	<10	<2.0	<2.0	<2.0	---	---	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	<10	<2.0	<2.0	<2.0	---	---	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	<10	<1.0	<1.0	<1.0	---	---	40.45	11.08	---	29.37	0.89
MW-4	**9/27/2011**	**---**	**---**	**---**	**---**	**---**	**---**	**---**	**---**	**---**	**---**	**---**	**---**	**---**	**---**	**40.45**	**13.20**	**---**	**27.25**	**---**
MW-5	1/29/2002	---	---	---	---	---	---	---	---	---	---	---	---	---	---	41.46	12.82	---	28.64	---

TABLE 1

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

Well ID	Date	TPHd (µg/L)	TPHg (µg/L)	B (µg/L)	T (µg/L)	E (µg/L)	X (µg/L)	MTBE 8020 (µg/L)	MTBE 8260 (µg/L)	TBA (µg/L)	DIPE (µg/L)	ETBE (µg/L)	TAME (µg/L)	1,2-DCA (µg/L)	EDB (µg/L)	TOC (ft MSL)	Depth to Water (ft TOC)	SPH Thickness (ft)	GW Elevation (ft MSL)	DO Reading (mg/L)
MW-5	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	<50	<2.0	<2.0	<2.0	<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
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	<5.0	<2.0	<2.0	<2.0	---	---	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	<10	---	---	<2.0	<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	<5.0	<2.0	<2.0	<2.0	---	---	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	6/29/2006	Well inaccessible		---	---	---	---	---	---	---	---	---	---	---	---	41.46	---	---	---	---
MW-5	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	<10.0	<0.500	<0.500	<0.500	---	---	41.46	13.54	---	27.92	0.78
MW-5	12/28/2006	---	330	<0.50	<0.50	8.6	<1.0	---	<0.50	---	---	---	---	---	---	41.46	13.25	---	28.21	0.59
MW-5	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	<10	<2.0	<2.0	<2.0	---	---	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	<10	<2.0	<2.0	<2.0	---	---	41.46	16.45	---	25.01	1.13
MW-5	12/19/2008	---	58	<0.50	<1.0	<1.0	<1.0	---	<1.0	---	---	---	---	---	---	41.46	16.04	---	25.42	0.62
MW-5	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	<10	<2.0	<2.0	<2.0	---	---	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	<10	<2.0	<2.0	<2.0	---	---	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-5	**9/27/2011**	**---**	**<50**	**<0.50**	**<0.50**	**<0.50**	**<1.0**	**---**	**<1.0**	**<10**	**<1.0**	**<1.0**	**<1.0**	**---**	**---**	**41.46**	**14.40**	**---**	**27.06**	**0.34**

TABLE 1

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

Well ID	Date	TPHd (µg/L)	TPHg (µg/L)	B (µg/L)	T (µg/L)	E (µg/L)	X (µg/L)	MTBE 8020 (µg/L)	MTBE 8260 (µg/L)	TBA (µg/L)	DIPE (µg/L)	ETBE (µg/L)	TAME (µg/L)	1,2-DCA (µg/L)	EDB (µg/L)	TOC (ft MSL)	Depth to Water (ft TOC)	SPH Thickness (ft)	GW Elevation (ft MSL)	DO Reading (mg/L)
MW-6	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	<50	<2.0	<2.0	<2.0	<2.0	<2.0	41.50	12.11	---	29.39	3.0
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	<10	---	---	<2.0	<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	6/29/2006	---	---	---	---	---	---	---	---	---	---	---	---	---	---	41.50	12.49	---	29.01	0.41
MW-6	6/30/2006	---	---	---	---	---	---	---	---	---	---	---	---	---	---	41.50	12.35	---	29.15	---
MW-6	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

TABLE 1

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

Well ID	Date	TPHd (µg/L)	TPHg (µg/L)	B (µg/L)	T (µg/L)	E (µg/L)	X (µg/L)	MTBE 8020 (µg/L)	MTBE 8260 (µg/L)	TBA (µg/L)	DIPE (µg/L)	ETBE (µg/L)	TAME (µg/L)	1,2-DCA (µg/L)	EDB (µg/L)	TOC (ft MSL)	Depth to Water (ft TOC)	SPH Thickness (ft)	GW Elevation (ft MSL)	DO Reading (mg/L)
MW-6	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-6	**9/27/2011**	**---**	**<50**	**<0.50**	**<0.50**	**<0.50**	**<1.0**	**---**	**<1.0**	**---**	**---**	**---**	**---**	**---**	**---**	**41.50**	**14.51**	**---**	**26.99**	**0.54**
MW-7	10/21/2002	---	---	---	---	---	---	---	---	---	---	---	---	---	---	44.45	18.90	---	25.55	---
MW-7	12/27/2002	---	49,000	830	980	2,000	5,200	---	<10	<100	<10	<10	<10	<10	<10	44.45	15.43	---	29.02	2.1
MW-7	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	<50	<20	<20	<20	---	---	44.45	18.94	---	25.51	1.1
MW-7	11/22/2004	---	14,000	92	60	790	730	---	<5.0	---	---	---	---	---	---	44.45	18.47	---	25.98	0.2
MW-7	3/2/2005	---	13,000	130	140	740	980	---	<10	<100	---	---	<20	<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	<50	36	<20	<20	---	---	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	6/29/2006	Well inaccessible		---	---	---	---	---	---	---	---	---	---	---	---	44.45	---	---	---	---
MW-7	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	<10.0	<0.500	<0.500	<0.500	---	---	44.45	16.33	---	28.12	0.82
MW-7	12/28/2006	---	3,100	4.8	5.2	190	160	---	<1.0	---	---	---	---	---	---	44.45	16.22	---	28.23	0.78
MW-7	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	<10	0.42 r	<2.0	<2.0	---	---	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	<10	<2.0	<2.0	<2.0	---	---	44.45	19.40	---	25.05	1.26
MW-7	12/19/2008	---	5,600	5.4	<5.0	110	97.0	---	<5.0	---	---	---	---	---	---	44.45	19.17	---	25.28	2.11
MW-7	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	<10	<2.0	<2.0	<2.0	---	---	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	<10	<2.0	<2.0	<2.0	---	---	44.45	18.28	---	26.17	0.45

TABLE 1

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

Well ID	Date	TPHd (µg/L)	TPHg (µg/L)	B (µg/L)	T (µg/L)	E (µg/L)	X (µg/L)	MTBE 8020 (µg/L)	MTBE 8260 (µg/L)	TBA (µg/L)	DIPE (µg/L)	ETBE (µg/L)	TAME (µg/L)	1,2-DCA (µg/L)	EDB (µg/L)	TOC (ft MSL)	Depth to Water (ft TOC)	SPH Thickness (ft)	GW Elevation (ft MSL)	DO Reading (mg/L)
MW-7	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
MW-7	**9/27/2011**	**---**	**2,900**	**1.2**	**1.0**	**53**	**100**	**---**	**<1.0**	**<10**	**<1.0**	**<1.0**	**<1.0**	**---**	**---**	**44.45**	**17.30**	**---**	**27.15**	**1.55**
MW-8	10/21/2002	---	---	---	---	---	---	---	---	---	---	---	---	---	---	43.27	17.70	---	25.57	---
MW-8	12/27/2002	---	30,000	280	220	2,000	5,300	---	<10	<100	<10	<10	<10	<10	<10	43.27	14.25	---	29.02	1.2
MW-8	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	<130	<50	<50	<50	---	---	43.27	18.10	---	25.17	0.7
MW-8	11/22/2004	---	24,000	200	64	1,400	4,100	---	<13	---	---	---	---	---	---	43.27	17.28	---	25.99	1.0
MW-8	3/2/2005	---	16,000	100	44	890	2,300	---	<10	<100	---	---	<20	<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	<100	<40	<40	<40	---	---	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	6/29/2006	Well inaccessible		---	---	---	---	---	---	---	---	---	---	---	---	43.27	---	---	---	---
MW-8	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	<10.0	<0.500	<0.500	<0.500	---	---	43.27	15.10	---	28.17	0.92
MW-8	12/28/2006	---	9,000	54	7.1	430	980	---	<2.5	---	---	---	---	---	---	43.27	15.15	---	28.12	0.93
MW-8	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	<50	<10	<10	<10	---	---	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	<50	<10	<10	<10	---	---	43.27	18.13	---	25.14	1.04
MW-8	12/19/2008	---	6,900	40	<5.0	110	374	---	<5.0	---	---	---	---	---	---	43.27	18.01	---	25.26	0.74
MW-8	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	<50	<10	<10	<10	---	---	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	<20	<4.0	<4.0	<4.0	---	---	43.27	16.98	---	26.29	0.26

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

Well ID	Date	TPHd (µg/L)	TPHg (µg/L)	B (µg/L)	T (µg/L)	E (µg/L)	X (µg/L)	MTBE 8020 (µg/L)	MTBE 8260 (µg/L)	TBA (µg/L)	DIPE (µg/L)	ETBE (µg/L)	TAME (µg/L)	1,2-DCA (µg/L)	EDB (µg/L)	TOC (ft MSL)	Depth to Water (ft TOC)	SPH Thickness (ft)	GW Elevation (ft MSL)	DO Reading (mg/L)
MW-8	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-8	**9/27/2011**	**---**	**5,300**	**<2.5**	**<2.5**	**100**	**440**	**---**	**<5.0**	**<50**	**<5.0**	**<5.0**	**<5.0**	**---**	**---**	**43.27**	**15.68**	**---**	**27.59**	**1.20**
MW-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	<5.0	<2.0	<2.0	<2.0	---	---	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	<10	---	---	<2.0	<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	<5.0	<2.0	<2.0	<2.0	---	---	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 g	<0.50	<0.50	<0.50 g	<0.50 g	---	<0.50	---	---	---	---	---	---	41.65	11.87	---	29.78	0.9
MW-9	6/29/2006	---	---	---	---	---	---	---	---	---	---	---	---	---	---	41.65	12.35	---	29.30	0.55
MW-9	6/30/2006	---	---	---	---	---	---	---	---	---	---	---	---	---	---	41.65	12.37	---	29.28	---
MW-9	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	<10.0	<0.500	<0.500	<0.500	---	---	41.65	13.42	---	28.23	0.79
MW-9	12/28/2006	---	<50	<0.50	<0.50	<0.50	<1.0	---	<0.50	---	---	---	---	---	---	41.65	13.23	---	28.42	0.73
MW-9	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	<10	<2.0	<2.0	<2.0	---	---	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	<10	<2.0	<2.0	<2.0	---	---	41.65	16.62	---	25.03	1.10
MW-9	12/19/2008	---	<50	<0.50	<1.0	<1.0	<1.0	---	<1.0	---	---	---	---	---	---	41.65	16.26	---	25.39	0.66
MW-9	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	<10	<2.0	<2.0	<2.0	---	---	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	<10	<2.0	<2.0	<2.0	---	---	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
MW-9	**9/27/2011**	**---**	**<50**	**<0.50**	**<0.50**	**<0.50**	**<1.0**	**---**	**<1.0**	**<10**	**<1.0**	**<1.0**	**<1.0**	**---**	**---**	**41.65**	**14.49**	**---**	**27.16**	**0.47**
MW-10	12/10/2003	---	---	---	---	---	---	---	---	---	---	---	---	---	---	50.64	24.33	---	26.31	---

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

Well ID	Date	TPHd (µg/L)	TPHg (µg/L)	B (µg/L)	T (µg/L)	E (µg/L)	X (µg/L)	MTBE 8020 (µg/L)	MTBE 8260 (µg/L)	TBA (µg/L)	DIPE (µg/L)	ETBE (µg/L)	TAME (µg/L)	1,2-DCA (µg/L)	EDB (µg/L)	TOC (ft MSL)	Depth to Water (ft TOC)	SPH Thickness (ft)	GW Elevation (ft MSL)	DO Reading (mg/L)
MW-10	12/15/2003	---	6,400	3.1	<1.0	33	20	---	<1.0	<10	---	---	<4.0	<1.0	---	50.64	23.58	---	27.06	0.3
MW-10	3/4/2004	---	1,400	1.2	<1.0	16	3.4	---	<1.0	<10	---	---	<4.0	<1.0	---	50.64	21.20	---	29.44	0.1
MW-10	5/27/2004	---	810	<1.0	<1.0	8.3	<2.0	---	<1.0	<10	---	---	<4.0	<1.0	---	50.64	23.63	---	27.01	0.5
MW-10	9/24/2004	---	790	1.2	<1.0	7.3	<2.0	---	<1.0	<10	<4.0	<4.0	<4.0	<1.0	<1.0	50.64	25.30	---	25.34	1.5
MW-10	11/22/2004	---	1,100	1.1	<0.50	17	<1.0	---	<0.50	<5.0	---	---	<2.0	<0.50	---	50.64	24.62	---	26.02	0.4
MW-10	3/2/2005	---	920	0.60	<1.0	3.5	<1.0	---	<1.0	<10	---	---	<2.0	<0.50	---	50.64	20.72	---	29.92	0.4
MW-10	6/30/2005	---	470 f	<0.50	<0.50	1.4	<1.0	---	<0.50	<5.0	---	---	<2.0	<0.50	---	50.64	21.48	---	29.16	1.4
MW-10	9/20/2005	---	420	<0.50	<0.50	1.2	2.1	---	<0.50	<5.0	<2.0	<2.0	<2.0	<0.50	---	50.64	23.45	---	27.19	2.0
MW-10	12/5/2005	---	420	<0.50	<0.50	1.1	<0.50	---	<0.50	<5.0	---	---	<0.50	<0.50	---	50.64	23.42	---	27.22	0.97
MW-10	3/2/2006	---	230 g	<0.50 g	<0.50	0.83 g	<0.50 g	---	<0.50	<5.0 g	---	---	<0.50	<0.50 j	---	50.64	21.13	---	29.51	1.1
MW-10	6/29/2006	Well inaccessible		---	---	---	---	---	---	---	---	---	---	---	---	50.64	---	---	---	---
MW-10	6/30/2006	---	<50.0	<0.500	<0.500	<0.500	<0.500	---	<0.500	<10.0	---	---	<0.500	<0.500	---	50.64	21.49	---	29.15	0.37
MW-10	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	<10.0	<0.500	<0.500	<0.500	<0.500	---	50.64	22.62	---	28.02	0.98
MW-10	12/28/2006	Well inaccessible		---	---	---	---	---	---	---	---	---	---	---	---	50.64	---	---	---	---
MW-10	3/20/2007	---	158	<0.500	<0.500	<0.500	<1.00	---	<0.500	<50.0	---	---	<1.00	<0.500	---	50.64	22.30	---	28.34	0.10
MW-10	6/26/2007	---	230 q	0.15 r	<1.0	0.43 r	<1.0	---	<1.0	<10	---	---	<2.0	<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	<10	<2.0	<2.0	<2.0	<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	<10	---	---	<2.0	<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	<10	---	---	<2.0	<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	<10	<2.0	<2.0	<2.0	<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	<10	<2.0	<2.0	<2.0	<0.50	---	50.64	25.59	---	25.05	0.91
MW-10	12/19/2008	---	220	1.6	1.4	1.9	4.3	---	<1.0	<10	---	---	<2.0	<0.50	---	50.64	22.39	---	28.25	0.26
MW-10	3/10/2009	---	120	<0.50	<1.0	<1.0	1.8	---	<1.0	<10	---	---	<2.0	<0.50	---	50.64	21.79	---	28.85	0.40
MW-10	6/3/2009	---	130	<0.50	<1.0	<1.0	<1.0	---	<1.0	<10	<2.0	<2.0	<2.0	<0.50	---	50.64	23.85	---	26.79	2.11
MW-10	9/30/2009	---	59	<0.50	<1.0	<1.0	<1.0	---	<1.0	<10	<2.0	<2.0	<2.0	<0.50	---	50.64	25.86	---	24.78	0.11
MW-10	3/5/2010	---	380	<0.50	<1.0	<1.0	<1.0	---	<1.0	<10	<2.0	<2.0	<2.0	<0.50	---	50.64	21.11	---	29.53	0.14
MW-10	9/16/2010	---	180	<0.50	<1.0	<1.0	<1.0	---	<1.0	<10	<2.0	<2.0	<2.0	<0.50	---	50.64	24.45	---	26.19	0.17
MW-10	3/18/2011	---	74	<0.50	<0.50	<0.50	<1.0	---	<1.0	<10	---	---	<1.0	<0.50	---	50.64	21.49	---	29.15	1.86
MW-10	**9/27/2011**	**---**	**58**	**<0.50**	**0.63**	**0.65**	**4.2**	**---**	**<1.0**	**<10**	**<1.0**	**<1.0**	**<1.0**	**<0.50**	**---**	**50.64**	**23.50**	**---**	**27.14**	**2.21**
MW-11	12/10/2003	---	---	---	---	---	---	---	---	---	---	---	---	---	---	45.58	19.10	---	26.48	---
MW-11	12/15/2003	---	110,000	9,900	3,300	3,900	23,000	---	20,000	18,000	---	---	<800	<200	---	45.58	18.50	---	27.08	0.3
MW-11	3/4/2004	---	68,000	5,300	3,000	3,600	23,000	---	8,300	12,000	---	---	<200	<50	---	45.58	16.67	---	28.91	0.1
MW-11	5/27/2004	---	86,000	8,500	3,200	13,000	22,000	---	25,000	18,000	---	---	<400	<100	---	45.58	18.60	---	26.98	1.6
MW-11	9/24/2004	---	63,000	7,200	2,000	3,000	15,000	---	26,000	17,000	<400	<400	<400	<100	<100	45.58	20.22	---	25.36	2.2
MW-11	11/22/2004	---	96,000	7,100	3,700	2,800	15,000	---	20,000	14,000	---	---	<400	<100	---	45.58	19.56	---	26.02	0.3

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

Well ID	Date	TPHd (µg/L)	TPHg (µg/L)	B (µg/L)	T (µg/L)	E (µg/L)	X (µg/L)	MTBE 8020 (µg/L)	MTBE 8260 (µg/L)	TBA (µg/L)	DIPE (µg/L)	ETBE (µg/L)	TAME (µg/L)	1,2-DCA (µg/L)	EDB (µg/L)	TOC (ft MSL)	Depth to Water (ft TOC)	SPH Thickness (ft)	GW Elevation (ft MSL)	DO Reading (mg/L)
MW-11	3/2/2005	---	63,000	6,200	6,800	2,200	15,000	---	16,000	7,800	---	---	<200	<50	---	45.58	15.75	---	29.83	4.6
MW-11	6/30/2005	---	100,000	4,200	18,000	3,800	25,000	---	2,500	3,400	---	---	<400	<100	---	45.58	16.92	---	28.66	1.0
MW-11	9/20/2005	---	65,000	3,800	10,000	3,100	19,000	---	3,900	4,600	<400	<400	<400	<100	---	45.58	18.43	---	27.15	---
MW-11	12/5/2005	---	69,000	4,000	10,000	3,100	16,000	---	7,400	4,400	---	---	<50	<50	---	45.58	18.26	---	27.32	0.70
MW-11	3/2/2006	---	76,000 g	4,000 g	13,000 g	2,900 g	16,000 g	---	6,100 g	420 j	---	---	36	<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	4,010	---	---	34.6	<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	3,130	---	---	28.9	92.1	---	45.58	15.43	---	30.15	0.97
MW-11	6/29/2006	Well inaccessible		---	---	---	---	---	---	---	---	---	---	---	---	45.58	---	---	---	---
MW-11	6/30/2006	---	119,000	4,420	11,300	2,650	17,200	---	4,490	2,700	---	---	22.8	<0.500	---	45.58	15.49	---	30.09	0.49
MW-11	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	3,120	---	---	27.2	<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	3,670	---	---	29.6	<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	4,240	<0.500	<0.500	134	<0.500	---	45.58	17.62	---	27.96	0.63
MW-11	10/18/2006	---	193,000	4,930	9,700	3,920	21,000	---	4,300	2,530	---	---	<0.500	<0.500	---	45.58	18.08	---	27.50	0.51
MW-11	11/22/2006	---	3,600	3,600	9,300	2,800	16,000	---	2,800	4,000	---	---	<10	<2.5	---	45.58	18.06	---	27.52	0.4
MW-11	12/28/2006	---	75,000	2,700	9,800	1,900	13,000	---	2,500	2,500	---	---	<200	<50	---	45.58	17.20	---	28.38	0.9
MW-11	1/25/2007	---	68,000	2,900	9,600	2,200	13,000	---	2,400	2,400	---	---	<200	<50	---	45.58	18.10	---	27.48	0.7
MW-11	2/19/2007	---	88,000	3,600	17,000	3,200	20,000	---	2,200	4,000	---	---	25	<5.0	---	45.58	17.89	---	27.69	0.2
MW-11	3/20/2007	---	77,600	3,140 l	12,800 l	3,060 l	17,600 l	---	1,930 l	<10,000	---	---	<200 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	2,900	---	---	<100	<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	2,300	---	---	<200	<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	2,100	<100	<100	<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	1,400	---	---	<40	<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	810	---	---	<100	<25	---	45.58	17.34	0.02	28.26	0.07
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	<500	<100	<100	<100	<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	<500	<100	<100	<100	<25	---	45.58	20.21	---	25.37	0.79
MW-11	12/19/2008	---	110,000	1,000	9,600	3,700	24,600	---	<100	<1,000	---	---	<200	<50	---	45.58	19.75	---	25.83	0.52

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

Well ID	Date	TPHd (µg/L)	TPHg (µg/L)	B (µg/L)	T (µg/L)	E (µg/L)	X (µg/L)	MTBE 8020 (µg/L)	MTBE 8260 (µg/L)	TBA (µg/L)	DIPE (µg/L)	ETBE (µg/L)	TAME (µg/L)	1,2-DCA (µg/L)	EDB (µg/L)	TOC (ft MSL)	Depth to Water (ft TOC)	SPH Thickness (ft)	GW Elevation (ft MSL)	DO Reading (mg/L)
MW-11	3/10/2009	---	92,000	490	11,000	4,000	30,000	---	<100	<1,000	---	---	<200	<50	---	45.58	16.40	---	29.18	0.50
MW-11	6/3/2009	---	74,000	120	6,900	3,500	24,000	---	<100	<1,000	<200	<200	<200	<50	---	45.58	18.91	---	26.67	0.10
MW-11	9/30/2009	6,800 t,u	86,000	100	6,200	4,100	26,000	---	<100	<1,000	<200	<200	<200	<50	---	45.58	20.84	---	24.74	0.27
MW-11	3/5/2010	---	75,000	240	4,800	2,600	17,000	---	<50	<500	<100	<100	<100	<25	---	45.58	16.08	---	29.50	0.89
MW-11	9/16/2010	---	43,000	760	3,400	2,300	13,000	---	<50	550	<100	<100	<100	<25	---	45.58	19.34	---	26.24	0.26
MW-11	3/18/2011	---	38,000	470	4,100	2,200	13,000	---	<100	<1,000	---	---	<100	<50	---	45.58	11.08	---	34.50	0.66
MW-11	**9/27/2011**	**---**	**27,000**	**470**	**2,200**	**1,400**	**7,600**	**---**	**<40**	**580**	**<40**	**<40**	**<40**	**---**	**---**	**45.58**	**18.45**	**---**	**27.13**	**1.39**
MW-12	6/26/2006	---	---	---	---	---	---	---	---	---	---	---	---	---	---	44.10	14.75	---	29.35	---
MW-12	6/29/2006	Well inaccessible		---	---	---	---	---	---	---	---	---	---	---	---	44.10	---	---	---	---
MW-12	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
MW-12	**9/27/2011**	**---**	**2,900**	**310**	**20**	**52**	**120**	**---**	**<2.0**	**---**	**---**	**---**	**---**	**---**	**---**	**44.10**	**16.07**	**---**	**28.03**	**1.04**
MW-13	6/26/2006	---	---	---	---	---	---	---	---	---	---	---	---	---	---	41.59	12.10	---	29.49	---
MW-13	6/29/2006	---	---	---	---	---	---	---	---	---	---	---	---	---	---	41.59	12.47	---	29.12	0.61
MW-13	6/30/2006	---	---	---	---	---	---	---	---	---	---	---	---	---	---	41.59	12.25	---	29.34	---
MW-13	7/6/2006	---	<50.0	<0.500	<0.500	<0.500	<0.500	---	<0.500	<10.0	<0.500	<0.500	<0.500	<0.500	---	41.59	12.35	---	29.24	0.24
MW-13	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

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

Well ID	Date	TPHd (µg/L)	TPHg (µg/L)	B (µg/L)	T (µg/L)	E (µg/L)	X (µg/L)	MTBE 8020 (µg/L)	MTBE 8260 (µg/L)	TBA (µg/L)	DIPE (µg/L)	ETBE (µg/L)	TAME (µg/L)	1,2-DCA (µg/L)	EDB (µg/L)	TOC (ft MSL)	Depth to Water (ft TOC)	SPH Thickness (ft)	GW Elevation (ft MSL)	DO Reading (mg/L)
MW-13	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
MW-13	**9/27/2011**	**---**	**<50**	**<0.50**	**<0.50**	**<0.50**	**<1.0**	**---**	**<1.0**	**---**	**---**	**---**	**---**	**---**	**---**	**41.59**	**14.43**	**---**	**27.16**	**0.59**
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
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

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

Well ID	Date	TPHd (µg/L)	TPHg (µg/L)	B (µg/L)	T (µg/L)	E (µg/L)	X (µg/L)	MTBE 8020 (µg/L)	MTBE 8260 (µg/L)	TBA (µg/L)	DIPE (µg/L)	ETBE (µg/L)	TAME (µg/L)	1,2-DCA (µg/L)	EDB (µg/L)	TOC (ft MSL)	Depth to Water (ft TOC)	SPH Thickness (ft)	GW Elevation (ft MSL)	DO Reading (mg/L)
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

Notes:
TPHd = Total petroleum hydrocarbons as diesel analyzed by modified EPA Method 8015
TPHg = Total petroleum hydrocarbons as gasoline analyzed by EPA Method 8260B; prior to June 11, 2001, analyzed by EPA Method 8015 unless otherwise indicated.
BTEX = Benzene, toluene, ethylbenzene, and total xylenes analyzed by EPA Method 8260B; prior to June 11, 2001, analyzed by EPA Method 8020.
MTBE = Methyl tertiary-butyl ether analyzed by method noted
TBA = Tertiary-butyl alcohol analyzed by EPA Method 8260B
DIPE = Di-isopropyl ether analyzed by EPA Method 8260B
ETBE = Ethyl tertiary-butyl ether analyzed by EPA Method 8260B
TAME = Tertiary-amyl methyl ether analyzed by EPA Method 8260B
1,2-DCA = 1,2-dichloroethane analyzed by EPA Method 8260
EDB = 1,2-dibromomethane or ethylene dibromide analyzed by EPA Method 8260
TOC = Top of casing elevation, in feet relative to mean sea level
SPH = Separate-phase hydrocarbon
GW = Groundwater
DO = Dissolved oxygen
µg/L = Micrograms per liter
ft = Feet
MSL = Mean sea level
mg/L = Milligrams per liter
<x = Not detected at reporting limit x
--- = Not analyzed or available
(D) = Duplicate sample

a = Chromatogram pattern indicates an unidentified hydrocarbon.
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 analyzed out of EPA 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.
l = Sample required dilution due to high concentrations of target analyte.
q = Analyzed by EPA Method 8015B (M).

TABLE 1

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

Well ID	Date	TPHd (µg/L)	TPHg (µg/L)	B (µg/L)	T (µg/L)	E (µg/L)	X (µg/L)	MTBE 8020 (µg/L)	MTBE 8260 (µg/L)	TBA (µg/L)	DIPE (µg/L)	ETBE (µg/L)	TAME (µg/L)	1,2-DCA (µg/L)	EDB (µg/L)	TOC (ft MSL)	Depth to Water (ft TOC)	SPH Thickness (ft)	GW Elevation (ft MSL)	DO Reading (mg/L)

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

When SPHs 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
Wells MW-7 and MW-8 surveyed by Virgil Chavez Land Surveying
Wells MW-9, MW-10, and MW-11 surveyed December 11, 2003 by Virgil Chavez Land Surveying
Wells MW-12 and MW-13 surveyed on June 9, 2006 by Virgil Chavez Land Surveying

APPENDIX A

BLAINE TECH SERVICES, INC. - FIELD NOTES

WELL GAUGING DATA

Project # 110927-PN1 Date 9/27/11 Client Shell

Site 1784 150th Ave, San Leandro

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-1A	0858	4					21.90	26.37		
MW-1B	0848	4					22.05	49.73		
MW-2B	0914	4					17.87	48.80		
MW-3	0918	4					24.81	41.60		
MW-4	0940	2					13.20	25.00		
MW-5	0909	2					14.40	24.90		
MW-6	0853	2					14.51	19.50		
MW-7	1101	2					17.30	26.82		
MW-8	1124	2					15.68	24.10		
MW-9	1135	2					14.49	34.79		
MW-10	0903	4					23.50	31.65		
MW-11	0931	4					18.45	24.74		
MW-12	1143	2					16.97	27.80		
MW-13	1305	2					14.43	23.85		
EW-1	0923	4					21.38	35.00		
EW-2	0927	4					17.46	32.68	↓	
	* All well caps removed 15 min prior to gauging *									

SHELL WELL MONITORING DATA SHEET

BTS #: 110927-PH1	Site: 98996068
Sampler: PH	Date: 9/27/11
Well I.D.: MW-1A	Well Diameter: 2 3 (4) 6 8 ___
Total Well Depth (TD): 26.37	Depth to Water (DTW): 21.90
Depth to Free Product:	Thickness of Free Product (feet):
Referenced to: (PVC) Grade	D.O. Meter (if req'd): YSI HACH
DTW with 80% Recharge [(Height of Water Column x 0.20) + DTW]: 22.79	

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: _____

2.9 (Gals.) X	3	=	8.7 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
1024	70.7	6.8	1228	62	3	
	—	Dewatered @	3 gallons	—		
1230	70.3	6.9	1273	69	—	

Did well dewater? (Yes) No Gallons actually evacuated: 3

Sampling Date: 9/27/11 Sampling Time: 1230 Depth to Water: 21.90

Sample I.D.: MW-1A Laboratory: (Test America) Other_____

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

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

SHELL WELL MONITORING DATA SHEET

BTS #: 110922-PH1	Site: 76996068
Sampler: PH	Date: 9/27/11
Well I.D.: MW-1B	Well Diameter: 2 3 (4) 6 8 ___
Total Well Depth (TD): 49.73	Depth to Water (DTW): 22.05
Depth to Free Product:	Thickness of Free Product (feet):
Referenced to: (PVC) Grade	D.O. Meter (if req'd): (YSI) HACH
DTW with 80% Recharge [(Height of Water Column x 0.20) + DTW]: 27.58	

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: _____

17.9 (Gals.) X 3 = 53.9 Gals.
1 Case Volume | Specified Volumes | Calculated Volume

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

Time	Temp (°F)	pH	Cond. (mS or (µS))	Turbidity (NTUs)	Gals. Removed	Observations
1001	69.9	6.7	1350	233	18	
1005	69.5	6.9	1350	45	36	
1009	70.5	7.0	1346	28	54	

Did well dewater? Yes (No) Gallons actually evacuated: 54

Sampling Date: 9/27/11 Sampling Time: 1015 Depth to Water: 22.08

Sample I.D.: MW-1B Laboratory: (Test America) Other_____

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

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

SHELL WELL MONITORING DATA SHEET

BTS #: 110927-PH1	Site: 9899606 8
Sampler: PH	Date: 9/27/11
Well I.D.: MW-2B	Well Diameter: 2 3 (4) 6 8 ____
Total Well Depth (TD): 48.80	Depth to Water (DTW): 17.87
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]: 24.05	

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: _____

20.1 (Gals.) X	3	=	60.3 Gals.
1 Case Volume	Specified Volumes		Calculated Volume

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

Time	Temp (°F)	pH	Cond. (mS or (uS))	Turbidity (NTUs)	Gals. Removed	Observations
1312	69.3	7.4	1573	624	20.5	
1316	69.0	7.1	1642	471	40.5	
1320	69.0	7.1	1647	225	60.5	

Did well dewater? Yes (No) Gallons actually evacuated: 60.5

Sampling Date: 9/27/11 Sampling Time: 1325 Depth to Water: 17.87

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

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

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

SHELL WELL MONITORING DATA SHEET

BTS #: 110927-PH1	Site: 98996068
Sampler: EV	Date: 9/27/11
Well I.D.: MW-5	Well Diameter: (2) 3 4 6 8 ___
Total Well Depth (TD): 24.90	Depth to Water (DTW): 14.40
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]: 16.50	

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

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

1.7 (Gals.) X	3 =	5.1 Gals.
1 Case Volume	Specified Volumes	Calculated Volume

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

Time	Temp (°F)	pH	Cond. (mS or µS)	Turbidity (NTUs)	Gals. Removed	Observations
1911	69.7	7.7	987.1	51	1.75	
1913	68.6	7.6	1066	67	3.50	
1916	68.9	7.6	1098	98	5.25	

Did well dewater? Yes (No) Gallons actually evacuated: 5.25

Sampling Date: 9/27/11 Sampling Time: 1926 Depth to Water: 14.99

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

SHELL WELL MONITORING DATA SHEET

BTS #: 110927-PH1	Site: 98996068
Sampler: EV	Date: 9/27/11
Well I.D.: MW-6	Well Diameter: (2) 3 4 6 8 ___
Total Well Depth (TD): 19.50	Depth to Water (DTW): 14.51
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]: 15.50	

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

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

0.8 (Gals.) X	3	= 2.4 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
1341	71.4	7.4	1052.4	>1000	1	
1342	68.9	7.4	495.9	>1000	2	
1344	68.7	7.3	491.6	>1000	3	

Did well dewater? Yes (No) Gallons actually evacuated: 3

Sampling Date: 9/27/11 Sampling Time: 1454 Depth to Water: 14.84

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

SHELL WELL MONITORING DATA SHEET

BTS #: 110927-PH1	Site: 9899606B
Sampler: PH	Date: 9/27/11
Well I.D.: MW-7	Well Diameter: (2) 3 4 6 8 ____
Total Well Depth (TD): 26.82	Depth to Water (DTW): 17.30
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]: 19.20	

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: _____

1.5 (Gals.) X	3	=	4.6 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
1107	70.1	7.0	2372	217	1.5	
1110	68.8	6.8	2422	457	3.0	
1114	68.9	6.8	2420	>1000	4.7	

Did well dewater? Yes (No) Gallons actually evacuated: 4.7

Sampling Date: 9/27/11 Sampling Time: 1120 Depth to Water: 18.25

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

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

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

SHELL WELL MONITORING DATA SHEET

BTS #: 110927-PH1	Site: 98996068
Sampler: PH	Date: 9/27/11
Well I.D.: MW-8	Well Diameter: (2) 3 4 6 8 ____
Total Well Depth (TD): 24.10	Depth to Water (DTW): 15.68
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]: 17.36	

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

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

1.3 (Gals.) X 3 = 4.0 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
1130	68.7	7.3	1265	>1000	1.5	odor
1132	67.6	7.0	1267	>1000	2.7	
1134	67.4	7.0	1276	>1000	4.0	

Did well dewater? Yes (No) Gallons actually evacuated: 4

Sampling Date: 9/27/11 Sampling Time: 1140 Depth to Water: 17.34

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

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

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

SHELL WELL MONITORING DATA SHEET

BTS #: 110927 - PH1	Site: 98996068
Sampler: EV	Date: 9/27/11
Well I.D.: MW-9	Well Diameter: (2) 3 4 6 8 ___
Total Well Depth (TD): 34.79	Depth to Water (DTW): 14.49
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]: 18.55	

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:_____

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

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

Time	Temp (°F)	pH	Cond. (mS or (µS))	Turbidity (NTUs)	Gals. Removed	Observations
1240	69.1	7.7	1035	18	3.5	
1244	67.1	7.6	1011	26	7.0	
1248	66.9	7.6	1013	27	10.0	

Did well dewater? Yes (No) Gallons actually evacuated: 10.0

Sampling Date: 9/27/11 Sampling Time: 1258 Depth to Water: 15.41

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

SHELL WELL MONITORING DATA SHEET

BTS #: 110927-PH1	Site: 9899605S
Sampler: PH	Date: 9/27/11
Well I.D.: MW-10	Well Diameter: 2 3 (4) 6 8 ___
Total Well Depth (TD): 31.65	Depth to Water (DTW): 23.50
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:_____

5.3 (Gals.) X	3	=	15.9 Gals.
1 Case Volume	Specified Volumes		Calculated Volume

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

Time	Temp (°F)	pH	Cond. (mS or (µS))	Turbidity (NTUs)	Gals. Removed	Observations
1245	71.5	7.2	976	65	5.5	
1247	70.6	7.0	995	38	11	
1249	70.3	6.9	982	22	16	

Did well dewater? Yes (No) Gallons actually evacuated: 16

Sampling Date: 9/27/11 Sampling Time: 1255 Depth to Water: 24.32

Sample I.D.: MW-10 Laboratory: (Test America) Other_____

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

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

SHELL WELL MONITORING DATA SHEET

BTS #: 110927-2MH1	Site: 98996068
Sampler: PH	Date: 9/27/11
Well I.D.: MW-11	Well Diameter: 2 3 (4) 6 8 ___
Total Well Depth (TD): 24.74	Depth to Water (DTW): 18.45
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]: 19.70	

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: _____

4.0 (Gals.) X	3	=	12.3 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
1422	69.7	7.0	714	319	4	
	— Dewatered @ 4 gallons —					
1430	69.6	7.1	682	133	—	

Did well dewater? (Yes) (No) Gallons actually evacuated: 4

Sampling Date: 9/27/11 Sampling Time: 1430 Depth to Water: 19.34

Sample I.D.: MW-11 Laboratory: (Test America) Other_____

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

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

SHELL WELL MONITORING DATA SHEET

BTS #: 110927-PH1	Site: 98996068
Sampler: PH	Date: 9/27/11
Well I.D.: MW-12	Well Diameter: (2) 3 4 6 8 ____
Total Well Depth (TD): 27.80	Depth to Water (DTW): 16.97
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]: 19.13	

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

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

1.7 (Gals.) X	3	=	5.2 Gals.
1 Case Volume	Specified Volumes		Calculated Volume

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

Time	Temp (°F)	pH	Cond. (mS or (µS))	Turbidity (NTUs)	Gals. Removed	Observations
1145	68.9	7.1	2513	>1000	1.7	
1151	65.3	6.8	2841	>1000	3.5	
1154	67.9	6.7	2892	>1000	5.2	

Did well dewater? Yes (No) Gallons actually evacuated: 5.2

Sampling Date: 9/27/11 Sampling Time: 1200 Depth to Water: 18.05

Sample I.D.: MW-12 Laboratory: (Test America) Other_____

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

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

SHELL WELL MONITORING DATA SHEET

BTS #: 10927-PH1	Site: 98996068
Sampler: EV	Date: 9/27/11
Well I.D.: MW-13	Well Diameter: (2) 3 4 6 8 ___
Total Well Depth (TD): 23.85	Depth to Water (DTW): 14.43
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]:	16.31

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	=	4.6 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
1310	68.2	7.8	1185	881	1.75	
1312	66.7	7.6	1181	316	3.5	
1314	67.1	7.4	1166	224	5.0	

Did well dewater? Yes (No) Gallons actually evacuated: 5.0

Sampling Date: 9/27/11 Sampling Time: 1324 Depth to Water: 15.12

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

SHELL WELL MONITORING DATA SHEET

BTS #: 110927-PH1	Site: 98996068
Sampler: PH	Date: 9/27/11
Well I.D.: EW-1	Well Diameter: 2 3 (4) 6 8 ___
Total Well Depth (TD): 35.00	Depth to Water (DTW): 21.38
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]: 24.10	

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 = 26.5 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
1342	69.7	7.0	1120	794	9	ODOR
1345	68.6	6.8	1039	387	18	
1348	68.7	6.8	989	222	26.5	

Did well dewater? Yes (No) Gallons actually evacuated: 26.5

Sampling Date: 9/27/11 Sampling Time: 1350 Depth to Water: 22.22

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

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

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

SHELL WELL MONITORING DATA SHEET

BTS #: 110927-PH1	Site: 98990068
Sampler: PH	Date: 9/27/11
Well I.D.: EW-2	Well Diameter: 2 3 (4) 6 8 ____
Total Well Depth (TD): 32.68	Depth to Water (DTW): 17.46
Depth to Free Product:	Thickness of Free Product (feet):
Referenced to: (PVC) Grade	D.O. Meter (if req'd): (YSI) HACH
DTW with 80% Recharge [(Height of Water Column x 0.20) + DTW]: 20.50	

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

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

9.9 (Gals.) X	3	=	28.6 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
1402	69.0	7.3	709	306	10	odor
1404	68.0	7.0	760	186	20	
1406	68.1	7.0	774	249	30	

Did well dewater? Yes (No) Gallons actually evacuated: 30

Sampling Date: 9/27/11 Sampling Time: 1410 Depth to Water: 18.10

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

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

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:	1.27 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 9/27/11

Job Number 110927-PH1 Technician PH 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					X		1/2 bolts missing
MW-8	X	X							
MW-9	X	X							
MW-10	X	X							
MW-11	X	X							
MW-12	X	X							
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:

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: 09/27/11
Received: 09/29/11
Issued: 10/12/11 16:25

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

The results listed within this Laboratory Report pertain only to the samples tested in the laboratory. The analyses contained in this report were performed in accordance with the applicable certifications as noted. All soil samples are reported on a wet weight basis unless otherwise noted in the report. This Laboratory Report is confidential and is intended for the sole use of TestAmerica and its client. This report shall not be reproduced, except in full, without written permission from TestAmerica. The Chain(s) of Custody, 2 pages, are included and are an integral part of this report.
This entire report was reviewed and approved for release.

SAMPLE CROSS REFERENCE

LABORATORY ID	CLIENT ID	MATRIX
IUI2685-01	MW-1A	Water
IUI2685-02	MW-1B	Water
IUI2685-03	MW-2B	Water
IUI2685-04	MW-5	Water
IUI2685-05	MW-6	Water
IUI2685-06	MW-7	Water
IUI2685-07	MW-8	Water
IUI2685-08	MW-9	Water
IUI2685-09	MW-10	Water
IUI2685-10	MW-11	Water
IUI2685-11	MW-12	Water
IUI2685-12	MW-13	Water
IUI2685-13	EW-1	Water
IUI2685-14	EW-2	Water

Reviewed By:

Philip Sanelle

TestAmerica Irvine

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: IUI2685

Sampled: 09/27/11
Received: 09/29/11

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: IUI2685-01 (MW-1A - Water)								
Reporting Units: ug/l								
Volatile Fuel Hydrocarbons (C4-C12)	TPH by GC/MS	11J0078	50	**360**	1	10/2/2011	10/2/2011	
Surrogate: Dibromofluoromethane (80-120%)				*107 %*				
Surrogate: Toluene-d8 (80-120%)				*107 %*				
Surrogate: 4-Bromofluorobenzene (80-120%)				*103 %*				
Sample ID: IUI2685-02 (MW-1B - Water)								
Reporting Units: ug/l								
Volatile Fuel Hydrocarbons (C4-C12)	TPH by GC/MS	11J0078	50	ND	1	10/2/2011	10/2/2011	
Surrogate: Dibromofluoromethane (80-120%)				*106 %*				
Surrogate: Toluene-d8 (80-120%)				*108 %*				
Surrogate: 4-Bromofluorobenzene (80-120%)				*101 %*				
Sample ID: IUI2685-03 (MW-2B - Water)								
Reporting Units: ug/l								
Volatile Fuel Hydrocarbons (C4-C12)	TPH by GC/MS	11J0078	50	**290**	1	10/2/2011	10/2/2011	
Surrogate: Dibromofluoromethane (80-120%)				*105 %*				
Surrogate: Toluene-d8 (80-120%)				*110 %*				
Surrogate: 4-Bromofluorobenzene (80-120%)				*102 %*				
Sample ID: IUI2685-04 (MW-5 - Water)								
Reporting Units: ug/l								
Volatile Fuel Hydrocarbons (C4-C12)	TPH by GC/MS	11J0078	50	ND	1	10/2/2011	10/2/2011	
Surrogate: Dibromofluoromethane (80-120%)				*106 %*				
Surrogate: Toluene-d8 (80-120%)				*106 %*				
Surrogate: 4-Bromofluorobenzene (80-120%)				*103 %*				
Sample ID: IUI2685-05 (MW-6 - Water)								
Reporting Units: ug/l								
Volatile Fuel Hydrocarbons (C4-C12)	TPH by GC/MS	11J0078	50	ND	1	10/2/2011	10/2/2011	
Surrogate: Dibromofluoromethane (80-120%)				*106 %*				
Surrogate: Toluene-d8 (80-120%)				*108 %*				
Surrogate: 4-Bromofluorobenzene (80-120%)				*104 %*				
Sample ID: IUI2685-06 (MW-7 - Water)								
Reporting Units: ug/l								
Volatile Fuel Hydrocarbons (C4-C12)	TPH by GC/MS	11J0078	50	**2900**	1	10/2/2011	10/2/2011	
Surrogate: Dibromofluoromethane (80-120%)				*106 %*				
Surrogate: Toluene-d8 (80-120%)				*109 %*				
Surrogate: 4-Bromofluorobenzene (80-120%)				*103 %*				

TestAmerica Irvine

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Project ID: 1784 150th Ave., San Leandro, CA
Report Number: IUI2685

Sampled: 09/27/11
Received: 09/29/11

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: IUI2685-07 (MW-8 - Water)								
Reporting Units: ug/l								
Volatile Fuel Hydrocarbons (C4-C12)	TPH by GC/MS	11J0101	250	**5300**	5	10/3/2011	10/3/2011	
Surrogate: Dibromofluoromethane (80-120%)				*105 %*				
Surrogate: Toluene-d8 (80-120%)				*108 %*				
Surrogate: 4-Bromofluorobenzene (80-120%)				*105 %*				
Sample ID: IUI2685-08 (MW-9 - Water)								
Reporting Units: ug/l								
Volatile Fuel Hydrocarbons (C4-C12)	TPH by GC/MS	11J0101	50	ND	1	10/3/2011	10/3/2011	
Surrogate: Dibromofluoromethane (80-120%)				*102 %*				
Surrogate: Toluene-d8 (80-120%)				*108 %*				
Surrogate: 4-Bromofluorobenzene (80-120%)				*103 %*				
Sample ID: IUI2685-09RE1 (MW-10 - Water)								
Reporting Units: ug/l								
Volatile Fuel Hydrocarbons (C4-C12)	TPH by GC/MS	11J0281	50	**58**	1	10/4/2011	10/4/2011	
Surrogate: Dibromofluoromethane (80-120%)				*98 %*				
Surrogate: Toluene-d8 (80-120%)				*93 %*				
Surrogate: 4-Bromofluorobenzene (80-120%)				*97 %*				
Sample ID: IUI2685-10 (MW-11 - Water)								
Reporting Units: ug/l								
Volatile Fuel Hydrocarbons (C4-C12)	TPH by GC/MS	11J0071	2000	**27000**	40	10/3/2011	10/3/2011	
Surrogate: Dibromofluoromethane (80-120%)				*100 %*				
Surrogate: Toluene-d8 (80-120%)				*100 %*				
Surrogate: 4-Bromofluorobenzene (80-120%)				*92 %*				
Sample ID: IUI2685-11 (MW-12 - Water)								
Reporting Units: ug/l								
Volatile Fuel Hydrocarbons (C4-C12)	TPH by GC/MS	11J0071	100	**2900**	2	10/3/2011	10/3/2011	
Surrogate: Dibromofluoromethane (80-120%)				*96 %*				
Surrogate: Toluene-d8 (80-120%)				*101 %*				
Surrogate: 4-Bromofluorobenzene (80-120%)				*93 %*				
Sample ID: IUI2685-12 (MW-13 - Water)								
Reporting Units: ug/l								
Volatile Fuel Hydrocarbons (C4-C12)	TPH by GC/MS	11J0071	50	ND	1	10/3/2011	10/3/2011	
Surrogate: Dibromofluoromethane (80-120%)				*98 %*				
Surrogate: Toluene-d8 (80-120%)				*97 %*				
Surrogate: 4-Bromofluorobenzene (80-120%)				*90 %*				

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Project ID: 1784 150th Ave., San Leandro, CA
Report Number: IUI2685

Sampled: 09/27/11
Received: 09/29/11

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: IUI2685-13 (EW-1 - Water)								
Reporting Units: ug/l								
Volatile Fuel Hydrocarbons (C4-C12)	TPH by GC/MS	11J0281	1000	**17000**	20	10/4/2011	10/4/2011	
Surrogate: Dibromofluoromethane (80-120%)				*92 %*				
Surrogate: Toluene-d8 (80-120%)				*102 %*				
Surrogate: 4-Bromofluorobenzene (80-120%)				*96 %*				
Sample ID: IUI2685-14 (EW-2 - Water)								
Reporting Units: ug/l								
Volatile Fuel Hydrocarbons (C4-C12)	TPH by GC/MS	11J0071	2000	**42000**	40	10/3/2011	10/3/2011	
Surrogate: Dibromofluoromethane (80-120%)				*91 %*				
Surrogate: Toluene-d8 (80-120%)				*100 %*				
Surrogate: 4-Bromofluorobenzene (80-120%)				*95 %*				

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Project ID: 1784 150th Ave., San Leandro, CA
Report Number: IUI2685

Sampled: 09/27/11
Received: 09/29/11

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: IUI2685-01 (MW-1A - Water)								
Reporting Units: ug/l								
Benzene	EPA 8260B	11J0078	0.50	ND	1	10/2/2011	10/2/2011	
Ethylbenzene	EPA 8260B	11J0078	0.50	ND	1	10/2/2011	10/2/2011	
Toluene	EPA 8260B	11J0078	0.50	ND	1	10/2/2011	10/2/2011	
Xylenes, Total	EPA 8260B	11J0078	1.0	ND	1	10/2/2011	10/2/2011	
Di-isopropyl Ether (DIPE)	EPA 8260B	11J0078	1.0	ND	1	10/2/2011	10/2/2011	
Ethyl tert-Butyl Ether (ETBE)	EPA 8260B	11J0078	1.0	ND	1	10/2/2011	10/2/2011	
Methyl-tert-butyl Ether (MTBE)	EPA 8260B	11J0078	1.0	**7.4**	1	10/2/2011	10/2/2011	
tert-Amyl Methyl Ether (TAME)	EPA 8260B	11J0078	1.0	ND	1	10/2/2011	10/2/2011	
tert-Butanol (TBA)	EPA 8260B	11J0078	10	**82**	1	10/2/2011	10/2/2011	
Surrogate: 4-Bromofluorobenzene (80-120%)				*103 %*				
Surrogate: Dibromofluoromethane (80-120%)				*107 %*				
Surrogate: Toluene-d8 (80-120%)				*107 %*				
Sample ID: IUI2685-02 (MW-1B - Water)								
Reporting Units: ug/l								
Benzene	EPA 8260B	11J0078	0.50	ND	1	10/2/2011	10/2/2011	
Ethylbenzene	EPA 8260B	11J0078	0.50	ND	1	10/2/2011	10/2/2011	
Toluene	EPA 8260B	11J0078	0.50	ND	1	10/2/2011	10/2/2011	
Xylenes, Total	EPA 8260B	11J0078	1.0	ND	1	10/2/2011	10/2/2011	
Di-isopropyl Ether (DIPE)	EPA 8260B	11J0078	1.0	ND	1	10/2/2011	10/2/2011	
Ethyl tert-Butyl Ether (ETBE)	EPA 8260B	11J0078	1.0	ND	1	10/2/2011	10/2/2011	
Methyl-tert-butyl Ether (MTBE)	EPA 8260B	11J0078	1.0	**6.6**	1	10/2/2011	10/2/2011	
tert-Amyl Methyl Ether (TAME)	EPA 8260B	11J0078	1.0	ND	1	10/2/2011	10/2/2011	
tert-Butanol (TBA)	EPA 8260B	11J0078	10	ND	1	10/2/2011	10/2/2011	
Surrogate: 4-Bromofluorobenzene (80-120%)				*101 %*				
Surrogate: Dibromofluoromethane (80-120%)				*106 %*				
Surrogate: Toluene-d8 (80-120%)				*108 %*				

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

Report Number: IUI2685

Sampled: 09/27/11
Received: 09/29/11

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: IUI2685-03 (MW-2B - Water)								
Reporting Units: ug/l								
Benzene	EPA 8260B	11J0078	0.50	**43**	1	10/2/2011	10/2/2011	
Ethylbenzene	EPA 8260B	11J0078	0.50	**12**	1	10/2/2011	10/2/2011	
Toluene	EPA 8260B	11J0078	0.50	**27**	1	10/2/2011	10/2/2011	
Xylenes, Total	EPA 8260B	11J0078	1.0	**43**	1	10/2/2011	10/2/2011	
Di-isopropyl Ether (DIPE)	EPA 8260B	11J0078	1.0	ND	1	10/2/2011	10/2/2011	
Ethyl tert-Butyl Ether (ETBE)	EPA 8260B	11J0078	1.0	ND	1	10/2/2011	10/2/2011	
Methyl-tert-butyl Ether (MTBE)	EPA 8260B	11J0078	1.0	**120**	1	10/2/2011	10/2/2011	
tert-Amyl Methyl Ether (TAME)	EPA 8260B	11J0078	1.0	ND	1	10/2/2011	10/2/2011	
tert-Butanol (TBA)	EPA 8260B	11J0078	10	**52**	1	10/2/2011	10/2/2011	
Surrogate: 4-Bromofluorobenzene (80-120%)				*102 %*				
Surrogate: Dibromofluoromethane (80-120%)				*105 %*				
Surrogate: Toluene-d8 (80-120%)				*110 %*				
Sample ID: IUI2685-04 (MW-5 - Water)								
Reporting Units: ug/l								
Benzene	EPA 8260B	11J0078	0.50	ND	1	10/2/2011	10/2/2011	
Ethylbenzene	EPA 8260B	11J0078	0.50	ND	1	10/2/2011	10/2/2011	
Toluene	EPA 8260B	11J0078	0.50	ND	1	10/2/2011	10/2/2011	
Xylenes, Total	EPA 8260B	11J0078	1.0	ND	1	10/2/2011	10/2/2011	
Di-isopropyl Ether (DIPE)	EPA 8260B	11J0078	1.0	ND	1	10/2/2011	10/2/2011	
Ethyl tert-Butyl Ether (ETBE)	EPA 8260B	11J0078	1.0	ND	1	10/2/2011	10/2/2011	
Methyl-tert-butyl Ether (MTBE)	EPA 8260B	11J0078	1.0	ND	1	10/2/2011	10/2/2011	
tert-Amyl Methyl Ether (TAME)	EPA 8260B	11J0078	1.0	ND	1	10/2/2011	10/2/2011	
tert-Butanol (TBA)	EPA 8260B	11J0078	10	ND	1	10/2/2011	10/2/2011	
Surrogate: 4-Bromofluorobenzene (80-120%)				*103 %*				
Surrogate: Dibromofluoromethane (80-120%)				*106 %*				
Surrogate: Toluene-d8 (80-120%)				*106 %*				

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Attention: Lorin King

Project ID: 1784 150th Ave., San Leandro, CA
Report Number: IUI2685

Sampled: 09/27/11
Received: 09/29/11

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: IUI2685-05 (MW-6 - Water)								
Reporting Units: ug/l								
Benzene	EPA 8260B	11J0078	0.50	ND	1	10/2/2011	10/2/2011	
Ethylbenzene	EPA 8260B	11J0078	0.50	ND	1	10/2/2011	10/2/2011	
Toluene	EPA 8260B	11J0078	0.50	ND	1	10/2/2011	10/2/2011	
Xylenes, Total	EPA 8260B	11J0078	1.0	ND	1	10/2/2011	10/2/2011	
Methyl-tert-butyl Ether (MTBE)	EPA 8260B	11J0078	1.0	ND	1	10/2/2011	10/2/2011	
Surrogate: 4-Bromofluorobenzene (80-120%)				*104 %*				
Surrogate: Dibromofluoromethane (80-120%)				*106 %*				
Surrogate: Toluene-d8 (80-120%)				*108 %*				
Sample ID: IUI2685-06 (MW-7 - Water)								
Reporting Units: ug/l								
Benzene	EPA 8260B	11J0078	0.50	**1.2**	1	10/2/2011	10/2/2011	
Ethylbenzene	EPA 8260B	11J0078	0.50	**53**	1	10/2/2011	10/2/2011	
Toluene	EPA 8260B	11J0078	0.50	**1.0**	1	10/2/2011	10/2/2011	
Xylenes, Total	EPA 8260B	11J0078	1.0	**100**	1	10/2/2011	10/2/2011	
Di-isopropyl Ether (DIPE)	EPA 8260B	11J0078	1.0	ND	1	10/2/2011	10/2/2011	
Ethyl tert-Butyl Ether (ETBE)	EPA 8260B	11J0078	1.0	ND	1	10/2/2011	10/2/2011	
Methyl-tert-butyl Ether (MTBE)	EPA 8260B	11J0078	1.0	ND	1	10/2/2011	10/2/2011	
tert-Amyl Methyl Ether (TAME)	EPA 8260B	11J0078	1.0	ND	1	10/2/2011	10/2/2011	
tert-Butanol (TBA)	EPA 8260B	11J0078	10	ND	1	10/2/2011	10/2/2011	
Surrogate: 4-Bromofluorobenzene (80-120%)				*103 %*				
Surrogate: Dibromofluoromethane (80-120%)				*106 %*				
Surrogate: Toluene-d8 (80-120%)				*109 %*				
Sample ID: IUI2685-07 (MW-8 - Water)								
Reporting Units: ug/l								
Benzene	EPA 8260B	11J0101	2.5	ND	5	10/3/2011	10/3/2011	
Ethylbenzene	EPA 8260B	11J0101	2.5	**100**	5	10/3/2011	10/3/2011	
Toluene	EPA 8260B	11J0101	2.5	ND	5	10/3/2011	10/3/2011	
Xylenes, Total	EPA 8260B	11J0101	5.0	**440**	5	10/3/2011	10/3/2011	
Di-isopropyl Ether (DIPE)	EPA 8260B	11J0101	5.0	ND	5	10/3/2011	10/3/2011	
Ethyl tert-Butyl Ether (ETBE)	EPA 8260B	11J0101	5.0	ND	5	10/3/2011	10/3/2011	
Methyl-tert-butyl Ether (MTBE)	EPA 8260B	11J0101	5.0	ND	5	10/3/2011	10/3/2011	
tert-Amyl Methyl Ether (TAME)	EPA 8260B	11J0101	5.0	ND	5	10/3/2011	10/3/2011	
tert-Butanol (TBA)	EPA 8260B	11J0101	50	ND	5	10/3/2011	10/3/2011	
Surrogate: 4-Bromofluorobenzene (80-120%)				*105 %*				
Surrogate: Dibromofluoromethane (80-120%)				*105 %*				
Surrogate: Toluene-d8 (80-120%)				*108 %*				

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Blaine Tech San Jose/CRA Shell
1680 Rogers Avenue
San Jose, CA 95112-1105
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Project ID: 1784 150th Ave., San Leandro, CA
Report Number: IUI2685

Sampled: 09/27/11
Received: 09/29/11

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: IUI2685-08 (MW-9 - Water)								
Reporting Units: ug/l								
Benzene	EPA 8260B	11J0101	0.50	ND	1	10/3/2011	10/3/2011	
Ethylbenzene	EPA 8260B	11J0101	0.50	ND	1	10/3/2011	10/3/2011	
Toluene	EPA 8260B	11J0101	0.50	ND	1	10/3/2011	10/3/2011	
Xylenes, Total	EPA 8260B	11J0101	1.0	ND	1	10/3/2011	10/3/2011	
Di-isopropyl Ether (DIPE)	EPA 8260B	11J0101	1.0	ND	1	10/3/2011	10/3/2011	
Ethyl tert-Butyl Ether (ETBE)	EPA 8260B	11J0101	1.0	ND	1	10/3/2011	10/3/2011	
Methyl-tert-butyl Ether (MTBE)	EPA 8260B	11J0101	1.0	ND	1	10/3/2011	10/3/2011	
tert-Amyl Methyl Ether (TAME)	EPA 8260B	11J0101	1.0	ND	1	10/3/2011	10/3/2011	
tert-Butanol (TBA)	EPA 8260B	11J0101	10	ND	1	10/3/2011	10/3/2011	
Surrogate: 4-Bromofluorobenzene (80-120%)				*103 %*				
Surrogate: Dibromofluoromethane (80-120%)				*102 %*				
Surrogate: Toluene-d8 (80-120%)				*108 %*				
Sample ID: IUI2685-09RE1 (MW-10 - Water)								
Reporting Units: ug/l								
Benzene	EPA 8260B	11J0281	0.50	ND	1	10/4/2011	10/4/2011	
1,2-Dichloroethane	EPA 8260B	11J0281	0.50	ND	1	10/4/2011	10/4/2011	
Ethylbenzene	EPA 8260B	11J0281	0.50	**0.65**	1	10/4/2011	10/4/2011	
Toluene	EPA 8260B	11J0281	0.50	**0.63**	1	10/4/2011	10/4/2011	
Xylenes, Total	EPA 8260B	11J0281	1.0	**4.2**	1	10/4/2011	10/4/2011	
Di-isopropyl Ether (DIPE)	EPA 8260B	11J0281	1.0	ND	1	10/4/2011	10/4/2011	
Ethyl tert-Butyl Ether (ETBE)	EPA 8260B	11J0281	1.0	ND	1	10/4/2011	10/4/2011	
Methyl-tert-butyl Ether (MTBE)	EPA 8260B	11J0281	1.0	ND	1	10/4/2011	10/4/2011	
tert-Amyl Methyl Ether (TAME)	EPA 8260B	11J0281	1.0	ND	1	10/4/2011	10/4/2011	
tert-Butanol (TBA)	EPA 8260B	11J0281	10	ND	1	10/4/2011	10/4/2011	
Surrogate: 4-Bromofluorobenzene (80-120%)				*97 %*				
Surrogate: Dibromofluoromethane (80-120%)				*98 %*				
Surrogate: Toluene-d8 (80-120%)				*93 %*				

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Sampled: 09/27/11
Received: 09/29/11

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: IUI2685-10 (MW-11 - Water)								
Reporting Units: ug/l								
Benzene	EPA 8260B	11J0071	20	**470**	40	10/3/2011	10/3/2011	
Ethylbenzene	EPA 8260B	11J0071	20	**1400**	40	10/3/2011	10/3/2011	
Toluene	EPA 8260B	11J0071	20	**2200**	40	10/3/2011	10/3/2011	
Xylenes, Total	EPA 8260B	11J0071	40	**7600**	40	10/3/2011	10/3/2011	
Di-isopropyl Ether (DIPE)	EPA 8260B	11J0071	40	ND	40	10/3/2011	10/3/2011	
Ethyl tert-Butyl Ether (ETBE)	EPA 8260B	11J0071	40	ND	40	10/3/2011	10/3/2011	
Methyl-tert-butyl Ether (MTBE)	EPA 8260B	11J0071	40	ND	40	10/3/2011	10/3/2011	
tert-Amyl Methyl Ether (TAME)	EPA 8260B	11J0071	40	ND	40	10/3/2011	10/3/2011	
tert-Butanol (TBA)	EPA 8260B	11J0071	400	**580**	40	10/3/2011	10/3/2011	
Surrogate: 4-Bromofluorobenzene (80-120%)				*92 %*				
Surrogate: Dibromofluoromethane (80-120%)				*100 %*				
Surrogate: Toluene-d8 (80-120%)				*100 %*				
Sample ID: IUI2685-11 (MW-12 - Water)								
Reporting Units: ug/l								
Benzene	EPA 8260B	11J0071	1.0	**310**	2	10/3/2011	10/3/2011	
Ethylbenzene	EPA 8260B	11J0071	1.0	**52**	2	10/3/2011	10/3/2011	
Toluene	EPA 8260B	11J0071	1.0	**20**	2	10/3/2011	10/3/2011	
Xylenes, Total	EPA 8260B	11J0071	2.0	**120**	2	10/3/2011	10/3/2011	
Methyl-tert-butyl Ether (MTBE)	EPA 8260B	11J0071	2.0	ND	2	10/3/2011	10/3/2011	
Surrogate: 4-Bromofluorobenzene (80-120%)				*93 %*				
Surrogate: Dibromofluoromethane (80-120%)				*96 %*				
Surrogate: Toluene-d8 (80-120%)				*101 %*				
Sample ID: IUI2685-12 (MW-13 - Water)								
Reporting Units: ug/l								
Benzene	EPA 8260B	11J0071	0.50	ND	1	10/3/2011	10/3/2011	
Ethylbenzene	EPA 8260B	11J0071	0.50	ND	1	10/3/2011	10/3/2011	
Toluene	EPA 8260B	11J0071	0.50	ND	1	10/3/2011	10/3/2011	
Xylenes, Total	EPA 8260B	11J0071	1.0	ND	1	10/3/2011	10/3/2011	
Methyl-tert-butyl Ether (MTBE)	EPA 8260B	11J0071	1.0	ND	1	10/3/2011	10/3/2011	
Surrogate: 4-Bromofluorobenzene (80-120%)				*90 %*				
Surrogate: Dibromofluoromethane (80-120%)				*98 %*				
Surrogate: Toluene-d8 (80-120%)				*97 %*				

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Sampled: 09/27/11
Received: 09/29/11

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: IUI2685-13 (EW-1 - Water)								
Reporting Units: ug/l								
Benzene	EPA 8260B	11J0281	10	**1200**	20	10/4/2011	10/4/2011	
Ethylbenzene	EPA 8260B	11J0281	10	**1200**	20	10/4/2011	10/4/2011	
Toluene	EPA 8260B	11J0281	10	**270**	20	10/4/2011	10/4/2011	
Xylenes, Total	EPA 8260B	11J0281	20	**2300**	20	10/4/2011	10/4/2011	
Di-isopropyl Ether (DIPE)	EPA 8260B	11J0281	20	ND	20	10/4/2011	10/4/2011	
Ethyl tert-Butyl Ether (ETBE)	EPA 8260B	11J0281	20	ND	20	10/4/2011	10/4/2011	
Methyl-tert-butyl Ether (MTBE)	EPA 8260B	11J0281	20	**110**	20	10/4/2011	10/4/2011	
tert-Amyl Methyl Ether (TAME)	EPA 8260B	11J0281	20	ND	20	10/4/2011	10/4/2011	
tert-Butanol (TBA)	EPA 8260B	11J0281	200	**520**	20	10/4/2011	10/4/2011	
Surrogate: 4-Bromofluorobenzene (80-120%)				*96 %*				
Surrogate: Dibromofluoromethane (80-120%)				*92 %*				
Surrogate: Toluene-d8 (80-120%)				*102 %*				
Sample ID: IUI2685-14 (EW-2 - Water)								
Reporting Units: ug/l								
Benzene	EPA 8260B	11J0071	20	**280**	40	10/3/2011	10/3/2011	
Ethylbenzene	EPA 8260B	11J0071	20	**2700**	40	10/3/2011	10/3/2011	
Toluene	EPA 8260B	11J0071	20	**1100**	40	10/3/2011	10/3/2011	
Xylenes, Total	EPA 8260B	11J0071	40	**14000**	40	10/3/2011	10/3/2011	
Di-isopropyl Ether (DIPE)	EPA 8260B	11J0071	40	ND	40	10/3/2011	10/3/2011	
Ethyl tert-Butyl Ether (ETBE)	EPA 8260B	11J0071	40	ND	40	10/3/2011	10/3/2011	
Methyl-tert-butyl Ether (MTBE)	EPA 8260B	11J0071	40	ND	40	10/3/2011	10/3/2011	
tert-Amyl Methyl Ether (TAME)	EPA 8260B	11J0071	40	ND	40	10/3/2011	10/3/2011	
tert-Butanol (TBA)	EPA 8260B	11J0071	400	ND	40	10/3/2011	10/3/2011	
Surrogate: 4-Bromofluorobenzene (80-120%)				*95 %*				
Surrogate: Dibromofluoromethane (80-120%)				*91 %*				
Surrogate: Toluene-d8 (80-120%)				*100 %*				

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Sampled: 09/27/11
Received: 09/29/11

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: 11J0071 Extracted: 10/03/11										
Blank Analyzed: 10/03/2011 (11J0071-BLK1)										
Volatile Fuel Hydrocarbons (C4-C12)	ND	50	ug/l							
Surrogate: Dibromofluoromethane	*24.6*		*ug/l*	*25.0*		*98*	*80-120*			
Surrogate: Toluene-d8	*25.2*		*ug/l*	*25.0*		*101*	*80-120*			
Surrogate: 4-Bromofluorobenzene	*23.2*		*ug/l*	*25.0*		*93*	*80-120*			
LCS Analyzed: 10/03/2011 (11J0071-BS2)										
Volatile Fuel Hydrocarbons (C4-C12)	358	50	ug/l	500		72	55-130			
Surrogate: Dibromofluoromethane	*23.4*		*ug/l*	*25.0*		*93*	*80-120*			
Surrogate: Toluene-d8	*24.7*		*ug/l*	*25.0*		*99*	*80-120*			
Surrogate: 4-Bromofluorobenzene	*23.7*		*ug/l*	*25.0*		*95*	*80-120*			
Matrix Spike Analyzed: 10/03/2011 (11J0071-MS1)					**Source: IUI2685-09**					
Volatile Fuel Hydrocarbons (C4-C12)	1250	50	ug/l	1720	57.6	69	50-145			
Surrogate: Dibromofluoromethane	*24.7*		*ug/l*	*25.0*		*99*	*80-120*			
Surrogate: Toluene-d8	*25.0*		*ug/l*	*25.0*		*100*	*80-120*			
Surrogate: 4-Bromofluorobenzene	*23.6*		*ug/l*	*25.0*		*94*	*80-120*			
Matrix Spike Dup Analyzed: 10/03/2011 (11J0071-MSD1)					**Source: IUI2685-09**					
Volatile Fuel Hydrocarbons (C4-C12)	1150	50	ug/l	1720	57.6	63	50-145	9	20	
Surrogate: Dibromofluoromethane	*24.4*		*ug/l*	*25.0*		*98*	*80-120*			
Surrogate: Toluene-d8	*24.5*		*ug/l*	*25.0*		*98*	*80-120*			
Surrogate: 4-Bromofluorobenzene	*24.3*		*ug/l*	*25.0*		*97*	*80-120*			
Batch: 11J0078 Extracted: 10/02/11										
Blank Analyzed: 10/02/2011 (11J0078-BLK1)										
Volatile Fuel Hydrocarbons (C4-C12)	ND	50	ug/l							
Surrogate: Dibromofluoromethane	*26.0*		*ug/l*	*25.0*		*104*	*80-120*			
Surrogate: Toluene-d8	*26.9*		*ug/l*	*25.0*		*107*	*80-120*			
Surrogate: 4-Bromofluorobenzene	*25.7*		*ug/l*	*25.0*		*103*	*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: 11J0078 Extracted: 10/02/11										
LCS Analyzed: 10/02/2011 (11J0078-BS2)										
Volatile Fuel Hydrocarbons (C4-C12)	473	50	ug/l	500		95	55-130			
Surrogate: Dibromofluoromethane	*25.3*		*ug/l*	*25.0*		*101*	*80-120*			
Surrogate: Toluene-d8	*27.4*		*ug/l*	*25.0*		*109*	*80-120*			
Surrogate: 4-Bromofluorobenzene	*26.4*		*ug/l*	*25.0*		*106*	*80-120*			
Matrix Spike Analyzed: 10/02/2011 (11J0078-MS1)					**Source: IUI2684-01**					
Volatile Fuel Hydrocarbons (C4-C12)	1370	50	ug/l	1720	ND	79	50-145			
Surrogate: Dibromofluoromethane	*25.1*		*ug/l*	*25.0*		*100*	*80-120*			
Surrogate: Toluene-d8	*27.2*		*ug/l*	*25.0*		*109*	*80-120*			
Surrogate: 4-Bromofluorobenzene	*26.7*		*ug/l*	*25.0*		*107*	*80-120*			
Matrix Spike Dup Analyzed: 10/02/2011 (11J0078-MSD1)					**Source: IUI2684-01**					
Volatile Fuel Hydrocarbons (C4-C12)	1290	50	ug/l	1720	ND	75	50-145	6	20	
Surrogate: Dibromofluoromethane	*25.2*		*ug/l*	*25.0*		*101*	*80-120*			
Surrogate: Toluene-d8	*27.3*		*ug/l*	*25.0*		*109*	*80-120*			
Surrogate: 4-Bromofluorobenzene	*26.1*		*ug/l*	*25.0*		*104*	*80-120*			
Batch: 11J0101 Extracted: 10/03/11										
Blank Analyzed: 10/03/2011 (11J0101-BLK1)										
Volatile Fuel Hydrocarbons (C4-C12)	ND	50	ug/l							
Surrogate: Dibromofluoromethane	*25.1*		*ug/l*	*25.0*		*100*	*80-120*			
Surrogate: Toluene-d8	*26.6*		*ug/l*	*25.0*		*106*	*80-120*			
Surrogate: 4-Bromofluorobenzene	*26.0*		*ug/l*	*25.0*		*104*	*80-120*			
LCS Analyzed: 10/03/2011 (11J0101-BS2)										
Volatile Fuel Hydrocarbons (C4-C12)	486	50	ug/l	500		97	55-130			
Surrogate: Dibromofluoromethane	*24.6*		*ug/l*	*25.0*		*98*	*80-120*			
Surrogate: Toluene-d8	*26.8*		*ug/l*	*25.0*		*107*	*80-120*			
Surrogate: 4-Bromofluorobenzene	*26.1*		*ug/l*	*25.0*		*105*	*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: 11J0101 Extracted: 10/03/11										
Matrix Spike Analyzed: 10/03/2011 (11J0101-MS1)					**Source: IUI2684-04**					
Volatile Fuel Hydrocarbons (C4-C12)	1240	50	ug/l	1720	ND	72	50-145			
Surrogate: Dibromofluoromethane	*25.1*		*ug/l*	*25.0*		*101*	*80-120*			
Surrogate: Toluene-d8	*27.1*		*ug/l*	*25.0*		*108*	*80-120*			
Surrogate: 4-Bromofluorobenzene	*26.1*		*ug/l*	*25.0*		*104*	*80-120*			
Matrix Spike Dup Analyzed: 10/03/2011 (11J0101-MSD1)					**Source: IUI2684-04**					
Volatile Fuel Hydrocarbons (C4-C12)	1300	50	ug/l	1720	ND	75	50-145	5	20	
Surrogate: Dibromofluoromethane	*24.6*		*ug/l*	*25.0*		*99*	*80-120*			
Surrogate: Toluene-d8	*27.2*		*ug/l*	*25.0*		*109*	*80-120*			
Surrogate: 4-Bromofluorobenzene	*25.9*		*ug/l*	*25.0*		*104*	*80-120*			
Batch: 11J0281 Extracted: 10/04/11										
Blank Analyzed: 10/04/2011 (11J0281-BLK1)										
Volatile Fuel Hydrocarbons (C4-C12)	ND	50	ug/l							
Surrogate: Dibromofluoromethane	*22.9*		*ug/l*	*25.0*		*92*	*80-120*			
Surrogate: Toluene-d8	*25.3*		*ug/l*	*25.0*		*101*	*80-120*			
Surrogate: 4-Bromofluorobenzene	*23.3*		*ug/l*	*25.0*		*93*	*80-120*			
LCS Analyzed: 10/04/2011 (11J0281-BS2)										
Volatile Fuel Hydrocarbons (C4-C12)	407	50	ug/l	500		81	55-130			
Surrogate: Dibromofluoromethane	*22.5*		*ug/l*	*25.0*		*90*	*80-120*			
Surrogate: Toluene-d8	*25.0*		*ug/l*	*25.0*		*100*	*80-120*			
Surrogate: 4-Bromofluorobenzene	*23.3*		*ug/l*	*25.0*		*93*	*80-120*			
Matrix Spike Analyzed: 10/04/2011 (11J0281-MS1)					**Source: IUI2685-09RE1**					
Volatile Fuel Hydrocarbons (C4-C12)	1150	50	ug/l	1720	57.7	63	50-145			
Surrogate: Dibromofluoromethane	*24.9*		*ug/l*	*25.0*		*100*	*80-120*			
Surrogate: Toluene-d8	*25.0*		*ug/l*	*25.0*		*100*	*80-120*			
Surrogate: 4-Bromofluorobenzene	*24.4*		*ug/l*	*25.0*		*97*	*80-120*			

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Attention: Lorin King

Project ID: 1784 150th Ave., San Leandro, CA
Report Number: IUI2685

Sampled: 09/27/11
Received: 09/29/11

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: 11J0281 Extracted: 10/04/11										
Matrix Spike Dup Analyzed: 10/04/2011 (11J0281-MSD1)					**Source: IUI2685-09RE1**					
Volatile Fuel Hydrocarbons (C4-C12)	1180	50	ug/l	1720	57.7	65	50-145	2	20	
Surrogate: Dibromofluoromethane	*25.1*		*ug/l*	*25.0*		*101*	*80-120*			
Surrogate: Toluene-d8	*24.9*		*ug/l*	*25.0*		*100*	*80-120*			
Surrogate: 4-Bromofluorobenzene	*24.4*		*ug/l*	*25.0*		*98*	*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: 11J0071 Extracted: 10/03/11										
Blank Analyzed: 10/03/2011 (11J0071-BLK1)										
Benzene	ND	0.50	ug/l							
Benzene	ND	0.50	ug/l							
Ethylbenzene	ND	0.50	ug/l							
Ethylbenzene	ND	0.50	ug/l							
Toluene	ND	0.50	ug/l							
Toluene	ND	0.50	ug/l							
m,p-Xylenes	ND	1.0	ug/l							
m,p-Xylenes	ND	1.0	ug/l							
o-Xylene	ND	0.50	ug/l							
o-Xylene	ND	0.50	ug/l							
Xylenes, Total	ND	1.0	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							
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	*23.2*		*ug/l*	*25.0*		*93*	*80-120*			
Surrogate: 4-Bromofluorobenzene	*23.2*		*ug/l*	*25.0*		*93*	*80-120*			
Surrogate: Dibromofluoromethane	*24.6*		*ug/l*	*25.0*		*98*	*80-120*			
Surrogate: Dibromofluoromethane	*24.6*		*ug/l*	*25.0*		*98*	*80-120*			
Surrogate: Toluene-d8	*25.2*		*ug/l*	*25.0*		*101*	*80-120*			
Surrogate: Toluene-d8	*25.2*		*ug/l*	*25.0*		*101*	*80-120*			
LCS Analyzed: 10/03/2011 (11J0071-BS1)										
Benzene	23.6	0.50	ug/l	25.0		94	70-120			
Benzene	23.6	0.50	ug/l	25.0		94	70-120			
Ethylbenzene	26.8	0.50	ug/l	25.0		107	75-125			
Ethylbenzene	26.8	0.50	ug/l	25.0		107	75-125			
Toluene	25.6	0.50	ug/l	25.0		103	70-120			
Toluene	25.6	0.50	ug/l	25.0		103	70-120			
m,p-Xylenes	53.9	1.0	ug/l	50.0		108	75-125			
m,p-Xylenes	53.9	1.0	ug/l	50.0		108	75-125			
o-Xylene	26.3	0.50	ug/l	25.0		105	75-125			
o-Xylene	26.3	0.50	ug/l	25.0		105	75-125			

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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: 11J0071 Extracted: 10/03/11										
LCS Analyzed: 10/03/2011 (11J0071-BS1)										
Xylenes, Total	80.1	1.0	ug/l	75.0		107	70-125			
Xylenes, Total	80.1	1.0	ug/l	75.0		107	70-125			
Di-isopropyl Ether (DIPE)	21.3	1.0	ug/l	25.0		85	60-135			
Ethyl tert-Butyl Ether (ETBE)	22.2	1.0	ug/l	25.0		89	65-135			
Methyl-tert-butyl Ether (MTBE)	20.8	1.0	ug/l	25.0		83	60-135			
Methyl-tert-butyl Ether (MTBE)	20.8	1.0	ug/l	25.0		83	60-135			
tert-Amyl Methyl Ether (TAME)	21.8	1.0	ug/l	25.0		87	60-135			
tert-Butanol (TBA)	145	10	ug/l	125		116	70-135			
Surrogate: 4-Bromofluorobenzene	*24.8*		*ug/l*	*25.0*		*99*	*80-120*			
Surrogate: 4-Bromofluorobenzene	*24.8*		*ug/l*	*25.0*		*99*	*80-120*			
Surrogate: Dibromofluoromethane	*24.6*		*ug/l*	*25.0*		*99*	*80-120*			
Surrogate: Dibromofluoromethane	*24.6*		*ug/l*	*25.0*		*99*	*80-120*			
Surrogate: Toluene-d8	*25.0*		*ug/l*	*25.0*		*100*	*80-120*			
Surrogate: Toluene-d8	*25.0*		*ug/l*	*25.0*		*100*	*80-120*			
Matrix Spike Analyzed: 10/03/2011 (11J0071-MS1)					**Source: IUI2685-09**					
Benzene	24.8	0.50	ug/l	25.0	0.350	98	65-125			
Benzene	24.8	0.50	ug/l	25.0	0.350	98	65-125			
Ethylbenzene	26.7	0.50	ug/l	25.0	0.660	104	65-130			
Ethylbenzene	26.7	0.50	ug/l	25.0	0.660	104	65-130			
Toluene	27.9	0.50	ug/l	25.0	0.640	109	70-125			
Toluene	27.9	0.50	ug/l	25.0	0.640	109	70-125			
m,p-Xylenes	56.7	1.0	ug/l	50.0	2.45	109	65-130			
m,p-Xylenes	56.7	1.0	ug/l	50.0	2.45	109	65-130			
o-Xylene	28.2	0.50	ug/l	25.0	1.59	107	65-125			
o-Xylene	28.2	0.50	ug/l	25.0	1.59	107	65-125			
Xylenes, Total	85.0	1.0	ug/l	75.0	4.04	108	60-130			
Xylenes, Total	85.0	1.0	ug/l	75.0	4.04	108	60-130			
Di-isopropyl Ether (DIPE)	22.0	1.0	ug/l	25.0	ND	88	60-140			
Ethyl tert-Butyl Ether (ETBE)	23.9	1.0	ug/l	25.0	ND	96	60-135			
Methyl-tert-butyl Ether (MTBE)	22.9	1.0	ug/l	25.0	ND	92	55-145			
Methyl-tert-butyl Ether (MTBE)	22.9	1.0	ug/l	25.0	ND	92	55-145			
tert-Amyl Methyl Ether (TAME)	23.9	1.0	ug/l	25.0	ND	96	60-140			
tert-Butanol (TBA)	148	10	ug/l	125	ND	118	65-140			
Surrogate: 4-Bromofluorobenzene	*23.6*		*ug/l*	*25.0*		*94*	*80-120*			
Surrogate: 4-Bromofluorobenzene	*23.6*		*ug/l*	*25.0*		*94*	*80-120*			

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Project ID: 1784 150th Ave., San Leandro, CA
Report Number: IUI2685

Sampled: 09/27/11
Received: 09/29/11

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: 11J0071 Extracted: 10/03/11										
Matrix Spike Analyzed: 10/03/2011 (11J0071-MS1)					**Source: IUI2685-09**					
Surrogate: Dibromofluoromethane	*24.7*		*ug/l*	*25.0*		*99*	*80-120*			
Surrogate: Dibromofluoromethane	*24.7*		*ug/l*	*25.0*		*99*	*80-120*			
Surrogate: Toluene-d8	*25.0*		*ug/l*	*25.0*		*100*	*80-120*			
Surrogate: Toluene-d8	*25.0*		*ug/l*	*25.0*		*100*	*80-120*			
Matrix Spike Dup Analyzed: 10/03/2011 (11J0071-MSD1)					**Source: IUI2685-09**					
Benzene	22.4	0.50	ug/l	25.0	0.350	88	65-125	10	20	
Benzene	22.4	0.50	ug/l	25.0	0.350	88	65-125	10	20	
Ethylbenzene	25.8	0.50	ug/l	25.0	0.660	100	65-130	4	20	
Ethylbenzene	25.8	0.50	ug/l	25.0	0.660	100	65-130	4	20	
Toluene	24.9	0.50	ug/l	25.0	0.640	97	70-125	11	20	
Toluene	24.9	0.50	ug/l	25.0	0.640	97	70-125	11	20	
m,p-Xylenes	51.2	1.0	ug/l	50.0	2.45	98	65-130	10	25	
m,p-Xylenes	51.2	1.0	ug/l	50.0	2.45	98	65-130	10	25	
o-Xylene	26.4	0.50	ug/l	25.0	1.59	99	65-125	7	20	
o-Xylene	26.4	0.50	ug/l	25.0	1.59	99	65-125	7	20	
Xylenes, Total	77.7	1.0	ug/l	75.0	4.04	98	60-130	9	20	
Xylenes, Total	77.7	1.0	ug/l	75.0	4.04	98	60-130	9	20	
Di-isopropyl Ether (DIPE)	20.2	1.0	ug/l	25.0	ND	81	60-140	8	25	
Ethyl tert-Butyl Ether (ETBE)	22.1	1.0	ug/l	25.0	ND	88	60-135	8	25	
Methyl-tert-butyl Ether (MTBE)	21.0	1.0	ug/l	25.0	ND	84	55-145	9	25	
Methyl-tert-butyl Ether (MTBE)	21.0	1.0	ug/l	25.0	ND	84	55-145	9	25	
tert-Amyl Methyl Ether (TAME)	22.5	1.0	ug/l	25.0	ND	90	60-140	6	30	
tert-Butanol (TBA)	137	10	ug/l	125	ND	110	65-140	7	25	
Surrogate: 4-Bromofluorobenzene	*24.3*		*ug/l*	*25.0*		*97*	*80-120*			
Surrogate: 4-Bromofluorobenzene	*24.3*		*ug/l*	*25.0*		*97*	*80-120*			
Surrogate: Dibromofluoromethane	*24.4*		*ug/l*	*25.0*		*98*	*80-120*			
Surrogate: Dibromofluoromethane	*24.4*		*ug/l*	*25.0*		*98*	*80-120*			
Surrogate: Toluene-d8	*24.5*		*ug/l*	*25.0*		*98*	*80-120*			
Surrogate: Toluene-d8	*24.5*		*ug/l*	*25.0*		*98*	*80-120*			

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Project ID: 1784 150th Ave., San Leandro, CA
Report Number: IUI2685

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Received: 09/29/11

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: 11J0078 Extracted: 10/02/11										
Blank Analyzed: 10/02/2011 (11J0078-BLK1)										
Benzene	ND	0.50	ug/l							
Benzene	ND	0.50	ug/l							
Ethylbenzene	ND	0.50	ug/l							
Ethylbenzene	ND	0.50	ug/l							
Toluene	ND	0.50	ug/l							
Toluene	ND	0.50	ug/l							
m,p-Xylenes	ND	1.0	ug/l							
m,p-Xylenes	ND	1.0	ug/l							
o-Xylene	ND	0.50	ug/l							
o-Xylene	ND	0.50	ug/l							
Xylenes, Total	ND	1.0	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							
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	*25.7*		*ug/l*	*25.0*		*103*	*80-120*			
Surrogate: 4-Bromofluorobenzene	*25.7*		*ug/l*	*25.0*		*103*	*80-120*			
Surrogate: Dibromofluoromethane	*26.0*		*ug/l*	*25.0*		*104*	*80-120*			
Surrogate: Dibromofluoromethane	*26.0*		*ug/l*	*25.0*		*104*	*80-120*			
Surrogate: Toluene-d8	*26.9*		*ug/l*	*25.0*		*107*	*80-120*			
Surrogate: Toluene-d8	*26.9*		*ug/l*	*25.0*		*107*	*80-120*			
LCS Analyzed: 10/02/2011 (11J0078-BS1)										
Benzene	25.4	0.50	ug/l	25.0		102	70-120			
Benzene	25.4	0.50	ug/l	25.0		102	70-120			
Ethylbenzene	29.2	0.50	ug/l	25.0		117	75-125			
Ethylbenzene	29.2	0.50	ug/l	25.0		117	75-125			
Toluene	27.0	0.50	ug/l	25.0		108	70-120			
Toluene	27.0	0.50	ug/l	25.0		108	70-120			
m,p-Xylenes	60.4	1.0	ug/l	50.0		121	75-125			
m,p-Xylenes	60.4	1.0	ug/l	50.0		121	75-125			
o-Xylene	29.6	0.50	ug/l	25.0		118	75-125			
o-Xylene	29.6	0.50	ug/l	25.0		118	75-125			

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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: 11J0078 Extracted: 10/02/11										
LCS Analyzed: 10/02/2011 (11J0078-BS1)										
Xylenes, Total	90.0	1.0	ug/l	75.0		120	70-125			
Xylenes, Total	90.0	1.0	ug/l	75.0		120	70-125			
Di-isopropyl Ether (DIPE)	27.5	1.0	ug/l	25.0		110	60-135			
Ethyl tert-Butyl Ether (ETBE)	27.7	1.0	ug/l	25.0		111	65-135			
Methyl-tert-butyl Ether (MTBE)	25.4	1.0	ug/l	25.0		102	60-135			
Methyl-tert-butyl Ether (MTBE)	25.4	1.0	ug/l	25.0		102	60-135			
tert-Amyl Methyl Ether (TAME)	28.3	1.0	ug/l	25.0		113	60-135			
tert-Butanol (TBA)	131	10	ug/l	125		105	70-135			
Surrogate: 4-Bromofluorobenzene	*25.8*		*ug/l*	*25.0*		*103*	*80-120*			
Surrogate: 4-Bromofluorobenzene	*25.8*		*ug/l*	*25.0*		*103*	*80-120*			
Surrogate: Dibromofluoromethane	*25.0*		*ug/l*	*25.0*		*100*	*80-120*			
Surrogate: Dibromofluoromethane	*25.0*		*ug/l*	*25.0*		*100*	*80-120*			
Surrogate: Toluene-d8	*27.0*		*ug/l*	*25.0*		*108*	*80-120*			
Surrogate: Toluene-d8	*27.0*		*ug/l*	*25.0*		*108*	*80-120*			
Matrix Spike Analyzed: 10/02/2011 (11J0078-MS1)					**Source: IUI2684-01**					
Benzene	27.0	0.50	ug/l	25.0	ND	108	65-125			
Benzene	27.0	0.50	ug/l	25.0	ND	108	65-125			
Ethylbenzene	30.7	0.50	ug/l	25.0	ND	123	65-130			
Ethylbenzene	30.7	0.50	ug/l	25.0	ND	123	65-130			
Toluene	28.8	0.50	ug/l	25.0	ND	115	70-125			
Toluene	28.8	0.50	ug/l	25.0	ND	115	70-125			
m,p-Xylenes	63.6	1.0	ug/l	50.0	ND	127	65-130			
m,p-Xylenes	63.6	1.0	ug/l	50.0	ND	127	65-130			
o-Xylene	31.3	0.50	ug/l	25.0	ND	125	65-125			
o-Xylene	31.3	0.50	ug/l	25.0	ND	125	65-125			
Xylenes, Total	94.9	1.0	ug/l	75.0	ND	127	60-130			
Xylenes, Total	94.9	1.0	ug/l	75.0	ND	127	60-130			
Di-isopropyl Ether (DIPE)	29.0	1.0	ug/l	25.0	ND	116	60-140			
Ethyl tert-Butyl Ether (ETBE)	28.6	1.0	ug/l	25.0	ND	114	60-135			
Methyl-tert-butyl Ether (MTBE)	26.4	1.0	ug/l	25.0	ND	105	55-145			
Methyl-tert-butyl Ether (MTBE)	26.4	1.0	ug/l	25.0	ND	105	55-145			
tert-Amyl Methyl Ether (TAME)	28.9	1.0	ug/l	25.0	ND	116	60-140			
tert-Butanol (TBA)	145	10	ug/l	125	ND	116	65-140			
Surrogate: 4-Bromofluorobenzene	*26.7*		*ug/l*	*25.0*		*107*	*80-120*			
Surrogate: 4-Bromofluorobenzene	*26.7*		*ug/l*	*25.0*		*107*	*80-120*			

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Report Number: IUI2685

Sampled: 09/27/11
Received: 09/29/11

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: 11J0078 Extracted: 10/02/11										
Matrix Spike Analyzed: 10/02/2011 (11J0078-MS1)					**Source: IUI2684-01**					
Surrogate: Dibromofluoromethane	*25.1*		*ug/l*	*25.0*		*100*	*80-120*			
Surrogate: Dibromofluoromethane	*25.1*		*ug/l*	*25.0*		*100*	*80-120*			
Surrogate: Toluene-d8	*27.2*		*ug/l*	*25.0*		*109*	*80-120*			
Surrogate: Toluene-d8	*27.2*		*ug/l*	*25.0*		*109*	*80-120*			
Matrix Spike Dup Analyzed: 10/02/2011 (11J0078-MSD1)					**Source: IUI2684-01**					
Benzene	25.7	0.50	ug/l	25.0	ND	103	65-125	5	20	
Benzene	25.7	0.50	ug/l	25.0	ND	103	65-125	5	20	
Ethylbenzene	28.5	0.50	ug/l	25.0	ND	114	65-130	8	20	
Ethylbenzene	28.5	0.50	ug/l	25.0	ND	114	65-130	8	20	
Toluene	27.1	0.50	ug/l	25.0	ND	108	70-125	6	20	
Toluene	27.1	0.50	ug/l	25.0	ND	108	70-125	6	20	
m,p-Xylenes	59.1	1.0	ug/l	50.0	ND	118	65-130	7	25	
m,p-Xylenes	59.1	1.0	ug/l	50.0	ND	118	65-130	7	25	
o-Xylene	29.1	0.50	ug/l	25.0	ND	116	65-125	7	20	
o-Xylene	29.1	0.50	ug/l	25.0	ND	116	65-125	7	20	
Xylenes, Total	88.2	1.0	ug/l	75.0	ND	118	60-130	7	20	
Xylenes, Total	88.2	1.0	ug/l	75.0	ND	118	60-130	7	20	
Di-isopropyl Ether (DIPE)	28.0	1.0	ug/l	25.0	ND	112	60-140	4	25	
Ethyl tert-Butyl Ether (ETBE)	28.0	1.0	ug/l	25.0	ND	112	60-135	2	25	
Methyl-tert-butyl Ether (MTBE)	25.8	1.0	ug/l	25.0	ND	103	55-145	2	25	
Methyl-tert-butyl Ether (MTBE)	25.8	1.0	ug/l	25.0	ND	103	55-145	2	25	
tert-Amyl Methyl Ether (TAME)	28.1	1.0	ug/l	25.0	ND	112	60-140	3	30	
tert-Butanol (TBA)	134	10	ug/l	125	ND	107	65-140	8	25	
Surrogate: 4-Bromofluorobenzene	*26.1*		*ug/l*	*25.0*		*104*	*80-120*			
Surrogate: 4-Bromofluorobenzene	*26.1*		*ug/l*	*25.0*		*104*	*80-120*			
Surrogate: Dibromofluoromethane	*25.2*		*ug/l*	*25.0*		*101*	*80-120*			
Surrogate: Dibromofluoromethane	*25.2*		*ug/l*	*25.0*		*101*	*80-120*			
Surrogate: Toluene-d8	*27.3*		*ug/l*	*25.0*		*109*	*80-120*			
Surrogate: Toluene-d8	*27.3*		*ug/l*	*25.0*		*109*	*80-120*			

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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: IUI2685

Sampled: 09/27/11
Received: 09/29/11

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: 11J0101 Extracted: 10/03/11										
Blank Analyzed: 10/03/2011 (11J0101-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							
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	*26.0*		*ug/l*	*25.0*		*104*	*80-120*			
Surrogate: Dibromofluoromethane	*25.1*		*ug/l*	*25.0*		*100*	*80-120*			
Surrogate: Toluene-d8	*26.6*		*ug/l*	*25.0*		*106*	*80-120*			
LCS Analyzed: 10/03/2011 (11J0101-BS1)										
Benzene	24.3	0.50	ug/l	25.0		97	70-120			
Ethylbenzene	27.6	0.50	ug/l	25.0		110	75-125			
Toluene	25.5	0.50	ug/l	25.0		102	70-120			
m,p-Xylenes	57.6	1.0	ug/l	50.0		115	75-125			
o-Xylene	28.0	0.50	ug/l	25.0		112	75-125			
Xylenes, Total	85.6	1.0	ug/l	75.0		114	70-125			
Di-isopropyl Ether (DIPE)	26.0	1.0	ug/l	25.0		104	60-135			
Ethyl tert-Butyl Ether (ETBE)	25.6	1.0	ug/l	25.0		102	65-135			
Methyl-tert-butyl Ether (MTBE)	23.6	1.0	ug/l	25.0		94	60-135			
tert-Amyl Methyl Ether (TAME)	25.6	1.0	ug/l	25.0		102	60-135			
tert-Butanol (TBA)	128	10	ug/l	125		102	70-135			
Surrogate: 4-Bromofluorobenzene	*25.8*		*ug/l*	*25.0*		*103*	*80-120*			
Surrogate: Dibromofluoromethane	*24.5*		*ug/l*	*25.0*		*98*	*80-120*			
Surrogate: Toluene-d8	*27.0*		*ug/l*	*25.0*		*108*	*80-120*			

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Sampled: 09/27/11
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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: 11J0101 Extracted: 10/03/11										
Matrix Spike Analyzed: 10/03/2011 (11J0101-MS1)					**Source: IUI2684-04**					
Benzene	30.0	0.50	ug/l	25.0	6.16	95	65-125			
Ethylbenzene	28.3	0.50	ug/l	25.0	ND	113	65-130			
Toluene	26.9	0.50	ug/l	25.0	0.370	106	70-125			
m,p-Xylenes	58.8	1.0	ug/l	50.0	ND	118	65-130			
o-Xylene	28.8	0.50	ug/l	25.0	ND	115	65-125			
Xylenes, Total	87.6	1.0	ug/l	75.0	ND	117	60-130			
Di-isopropyl Ether (DIPE)	27.0	1.0	ug/l	25.0	ND	108	60-140			
Ethyl tert-Butyl Ether (ETBE)	26.5	1.0	ug/l	25.0	ND	106	60-135			
Methyl-tert-butyl Ether (MTBE)	24.2	1.0	ug/l	25.0	ND	97	55-145			
tert-Amyl Methyl Ether (TAME)	26.7	1.0	ug/l	25.0	ND	107	60-140			
tert-Butanol (TBA)	131	10	ug/l	125	ND	105	65-140			
Surrogate: 4-Bromofluorobenzene	*26.1*		*ug/l*	*25.0*		*104*	*80-120*			
Surrogate: Dibromofluoromethane	*25.1*		*ug/l*	*25.0*		*101*	*80-120*			
Surrogate: Toluene-d8	*27.1*		*ug/l*	*25.0*		*108*	*80-120*			
Matrix Spike Dup Analyzed: 10/03/2011 (11J0101-MSD1)					**Source: IUI2684-04**					
Benzene	32.1	0.50	ug/l	25.0	6.16	104	65-125	7	20	
Ethylbenzene	30.1	0.50	ug/l	25.0	ND	120	65-130	6	20	
Toluene	28.5	0.50	ug/l	25.0	0.370	113	70-125	6	20	
m,p-Xylenes	62.3	1.0	ug/l	50.0	ND	125	65-130	6	25	
o-Xylene	30.4	0.50	ug/l	25.0	ND	121	65-125	5	20	
Xylenes, Total	92.7	1.0	ug/l	75.0	ND	124	60-130	6	20	
Di-isopropyl Ether (DIPE)	28.5	1.0	ug/l	25.0	ND	114	60-140	6	25	
Ethyl tert-Butyl Ether (ETBE)	27.8	1.0	ug/l	25.0	ND	111	60-135	5	25	
Methyl-tert-butyl Ether (MTBE)	25.2	1.0	ug/l	25.0	ND	101	55-145	4	25	
tert-Amyl Methyl Ether (TAME)	28.0	1.0	ug/l	25.0	ND	112	60-140	5	30	
tert-Butanol (TBA)	127	10	ug/l	125	ND	101	65-140	3	25	
Surrogate: 4-Bromofluorobenzene	*25.9*		*ug/l*	*25.0*		*104*	*80-120*			
Surrogate: Dibromofluoromethane	*24.6*		*ug/l*	*25.0*		*99*	*80-120*			
Surrogate: Toluene-d8	*27.2*		*ug/l*	*25.0*		*109*	*80-120*			

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Project ID: 1784 150th Ave., San Leandro, CA
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Sampled: 09/27/11
Received: 09/29/11

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: 11J0281 Extracted: 10/04/11										
Blank Analyzed: 10/04/2011 (11J0281-BLK1)										
Benzene	ND	0.50	ug/l							
Benzene	ND	0.50	ug/l							
1,2-Dichloroethane	ND	0.50	ug/l							
Ethylbenzene	ND	0.50	ug/l							
Ethylbenzene	ND	0.50	ug/l							
Toluene	ND	0.50	ug/l							
Toluene	ND	0.50	ug/l							
m,p-Xylenes	ND	1.0	ug/l							
m,p-Xylenes	ND	1.0	ug/l							
o-Xylene	ND	0.50	ug/l							
o-Xylene	ND	0.50	ug/l							
Xylenes, Total	ND	1.0	ug/l							
Xylenes, Total	ND	1.0	ug/l							
Di-isopropyl Ether (DIPE)	ND	1.0	ug/l							
Di-isopropyl Ether (DIPE)	ND	1.0	ug/l							
Ethyl tert-Butyl Ether (ETBE)	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							
Methyl-tert-butyl Ether (MTBE)	ND	1.0	ug/l							
tert-Amyl Methyl Ether (TAME)	ND	1.0	ug/l							
tert-Amyl Methyl Ether (TAME)	ND	1.0	ug/l							
tert-Butanol (TBA)	ND	10	ug/l							
tert-Butanol (TBA)	ND	10	ug/l							
Surrogate: 4-Bromofluorobenzene	*23.3*		*ug/l*	*25.0*		*93*	*80-120*			
Surrogate: 4-Bromofluorobenzene	*23.3*		*ug/l*	*25.0*		*93*	*80-120*			
Surrogate: Dibromofluoromethane	*22.9*		*ug/l*	*25.0*		*92*	*80-120*			
Surrogate: Dibromofluoromethane	*22.9*		*ug/l*	*25.0*		*92*	*80-120*			
Surrogate: Toluene-d8	*25.3*		*ug/l*	*25.0*		*101*	*80-120*			
Surrogate: Toluene-d8	*25.3*		*ug/l*	*25.0*		*101*	*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: 11J0281 Extracted: 10/04/11										
LCS Analyzed: 10/04/2011 (11J0281-BS1)										
Benzene	21.6	0.50	ug/l	25.0		86	70-120			
Benzene	21.6	0.50	ug/l	25.0		86	70-120			
1,2-Dichloroethane	22.3	0.50	ug/l	25.0		89	60-140			
Ethylbenzene	24.5	0.50	ug/l	25.0		98	75-125			
Ethylbenzene	24.5	0.50	ug/l	25.0		98	75-125			
Toluene	23.8	0.50	ug/l	25.0		95	70-120			
Toluene	23.8	0.50	ug/l	25.0		95	70-120			
m,p-Xylenes	48.8	1.0	ug/l	50.0		98	75-125			
m,p-Xylenes	48.8	1.0	ug/l	50.0		98	75-125			
o-Xylene	23.5	0.50	ug/l	25.0		94	75-125			
o-Xylene	23.5	0.50	ug/l	25.0		94	75-125			
Xylenes, Total	72.3	1.0	ug/l	75.0		96	70-125			
Xylenes, Total	72.3	1.0	ug/l	75.0		96	70-125			
Di-isopropyl Ether (DIPE)	18.8	1.0	ug/l	25.0		75	60-135			
Di-isopropyl Ether (DIPE)	18.8	1.0	ug/l	25.0		75	60-135			
Ethyl tert-Butyl Ether (ETBE)	20.3	1.0	ug/l	25.0		81	65-135			
Ethyl tert-Butyl Ether (ETBE)	20.3	1.0	ug/l	25.0		81	65-135			
Methyl-tert-butyl Ether (MTBE)	19.6	1.0	ug/l	25.0		78	60-135			
Methyl-tert-butyl Ether (MTBE)	19.6	1.0	ug/l	25.0		78	60-135			
tert-Amyl Methyl Ether (TAME)	20.2	1.0	ug/l	25.0		81	60-135			
tert-Amyl Methyl Ether (TAME)	20.2	1.0	ug/l	25.0		81	60-135			
tert-Butanol (TBA)	127	10	ug/l	125		101	70-135			
tert-Butanol (TBA)	127	10	ug/l	125		101	70-135			
Surrogate: 4-Bromofluorobenzene	*24.9*		*ug/l*	*25.0*		*100*	*80-120*			
Surrogate: 4-Bromofluorobenzene	*24.9*		*ug/l*	*25.0*		*100*	*80-120*			
Surrogate: Dibromofluoromethane	*24.3*		*ug/l*	*25.0*		*97*	*80-120*			
Surrogate: Dibromofluoromethane	*24.3*		*ug/l*	*25.0*		*97*	*80-120*			
Surrogate: Toluene-d8	*24.7*		*ug/l*	*25.0*		*99*	*80-120*			
Surrogate: Toluene-d8	*24.7*		*ug/l*	*25.0*		*99*	*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: 11J0281 Extracted: 10/04/11										
Matrix Spike Analyzed: 10/04/2011 (11J0281-MS1)					**Source: IUI2685-09RE1**					
Benzene	22.3	0.50	ug/l	25.0	0.370	88	65-125			
Benzene	22.3	0.50	ug/l	25.0	0.370	88	65-125			
1,2-Dichloroethane	24.4	0.50	ug/l	25.0	ND	98	60-140			
Ethylbenzene	26.1	0.50	ug/l	25.0	0.650	102	65-130			
Ethylbenzene	26.1	0.50	ug/l	25.0	0.650	102	65-130			
Toluene	24.8	0.50	ug/l	25.0	0.630	97	70-125			
Toluene	24.8	0.50	ug/l	25.0	0.630	97	70-125			
m,p-Xylenes	52.2	1.0	ug/l	50.0	2.61	99	65-130			
m,p-Xylenes	52.2	1.0	ug/l	50.0	2.61	99	65-130			
o-Xylene	26.1	0.50	ug/l	25.0	1.63	98	65-125			
o-Xylene	26.1	0.50	ug/l	25.0	1.63	98	65-125			
Xylenes, Total	78.3	1.0	ug/l	75.0	4.24	99	60-130			
Xylenes, Total	78.3	1.0	ug/l	75.0	4.24	99	60-130			
Di-isopropyl Ether (DIPE)	20.4	1.0	ug/l	25.0	ND	82	60-140			
Di-isopropyl Ether (DIPE)	20.4	1.0	ug/l	25.0	ND	82	60-140			
Ethyl tert-Butyl Ether (ETBE)	22.0	1.0	ug/l	25.0	ND	88	60-135			
Ethyl tert-Butyl Ether (ETBE)	22.0	1.0	ug/l	25.0	ND	88	60-135			
Methyl-tert-butyl Ether (MTBE)	21.6	1.0	ug/l	25.0	ND	86	55-145			
Methyl-tert-butyl Ether (MTBE)	21.6	1.0	ug/l	25.0	ND	86	55-145			
tert-Amyl Methyl Ether (TAME)	22.2	1.0	ug/l	25.0	ND	89	60-140			
tert-Amyl Methyl Ether (TAME)	22.2	1.0	ug/l	25.0	ND	89	60-140			
tert-Butanol (TBA)	132	10	ug/l	125	ND	105	65-140			
tert-Butanol (TBA)	132	10	ug/l	125	ND	105	65-140			
Surrogate: 4-Bromofluorobenzene	*24.4*		*ug/l*	*25.0*		*97*	*80-120*			
Surrogate: 4-Bromofluorobenzene	*24.4*		*ug/l*	*25.0*		*97*	*80-120*			
Surrogate: Dibromofluoromethane	*24.9*		*ug/l*	*25.0*		*100*	*80-120*			
Surrogate: Dibromofluoromethane	*24.9*		*ug/l*	*25.0*		*100*	*80-120*			
Surrogate: Toluene-d8	*25.0*		*ug/l*	*25.0*		*100*	*80-120*			
Surrogate: Toluene-d8	*25.0*		*ug/l*	*25.0*		*100*	*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: 11J0281 Extracted: 10/04/11										
Matrix Spike Dup Analyzed: 10/04/2011 (11J0281-MSD1)					**Source: IUI2685-09RE1**					
Benzene	24.3	0.50	ug/l	25.0	0.370	96	65-125	9	20	
Benzene	24.3	0.50	ug/l	25.0	0.370	96	65-125	9	20	
1,2-Dichloroethane	27.9	0.50	ug/l	25.0	ND	111	60-140	13	20	
Ethylbenzene	27.8	0.50	ug/l	25.0	0.650	109	65-130	6	20	
Ethylbenzene	27.8	0.50	ug/l	25.0	0.650	109	65-130	6	20	
Toluene	26.8	0.50	ug/l	25.0	0.630	105	70-125	7	20	
Toluene	26.8	0.50	ug/l	25.0	0.630	105	70-125	7	20	
m,p-Xylenes	54.8	1.0	ug/l	50.0	2.61	104	65-130	5	25	
m,p-Xylenes	54.8	1.0	ug/l	50.0	2.61	104	65-130	5	25	
o-Xylene	27.2	0.50	ug/l	25.0	1.63	102	65-125	4	20	
o-Xylene	27.2	0.50	ug/l	25.0	1.63	102	65-125	4	20	
Xylenes, Total	82.1	1.0	ug/l	75.0	4.24	104	60-130	5	20	
Xylenes, Total	82.1	1.0	ug/l	75.0	4.24	104	60-130	5	20	
Di-isopropyl Ether (DIPE)	22.0	1.0	ug/l	25.0	ND	88	60-140	7	25	
Di-isopropyl Ether (DIPE)	22.0	1.0	ug/l	25.0	ND	88	60-140	7	25	
Ethyl tert-Butyl Ether (ETBE)	23.0	1.0	ug/l	25.0	ND	92	60-135	4	25	
Ethyl tert-Butyl Ether (ETBE)	23.0	1.0	ug/l	25.0	ND	92	60-135	4	25	
Methyl-tert-butyl Ether (MTBE)	22.9	1.0	ug/l	25.0	ND	92	55-145	6	25	
Methyl-tert-butyl Ether (MTBE)	22.9	1.0	ug/l	25.0	ND	92	55-145	6	25	
tert-Amyl Methyl Ether (TAME)	23.5	1.0	ug/l	25.0	ND	94	60-140	6	30	
tert-Amyl Methyl Ether (TAME)	23.5	1.0	ug/l	25.0	ND	94	60-140	6	30	
tert-Butanol (TBA)	140	10	ug/l	125	ND	112	65-140	6	25	
tert-Butanol (TBA)	140	10	ug/l	125	ND	112	65-140	6	25	
Surrogate: 4-Bromofluorobenzene	*24.4*		*ug/l*	*25.0*		*98*	*80-120*			
Surrogate: 4-Bromofluorobenzene	*24.4*		*ug/l*	*25.0*		*98*	*80-120*			
Surrogate: Dibromofluoromethane	*25.1*		*ug/l*	*25.0*		*101*	*80-120*			
Surrogate: Dibromofluoromethane	*25.1*		*ug/l*	*25.0*		*101*	*80-120*			
Surrogate: Toluene-d8	*24.9*		*ug/l*	*25.0*		*100*	*80-120*			
Surrogate: Toluene-d8	*24.9*		*ug/l*	*25.0*		*100*	*80-120*			

TestAmerica Irvine

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: IUI2685

Sampled: 09/27/11
Received: 09/29/11

DATA QUALIFIERS AND DEFINITIONS

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.

TestAmerica Irvine

Philip Sanelle
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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

Philip Sanelle
Project Manager

101685

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: 9/27/11

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.: 110927-PM1

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

TELEPHONE: 310-995-4455 x 108 | FAX: 310-637-5802 | E-MAIL: lking@blainetech.com

SAMPLER NAME(S) (Print): Patrick Harms, Emanuel V.

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

TEMPERATURE ON RECEIPT C°: 3.5

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 (8260B)	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-1A	9/27/11	1230	W	X					3	X						X							
	MW-1B		1015		X						X						X							
	MW-2B		1325		X						X						X							
	MW-5		1426		X						X						X							
	MW-6		1454		X						X				X									
	MW-7		1120		X						X						X							
	MW-8		1140		X						X						X							
	MW-9		1255		X						X						X							
	MW-10		1255		X						X						X			X				
	MW-11		1430		X						X						X							

Relinquished by: (Signature)	Received by: (Signature)	Date:	Time:
	(Sample Custodian)	9/27/11	1700
		9/28/11	1235
9-28-11 19:00		9/29/11	0955

05/2/06 Revision

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): 98996068 ☐ CHECK IF NO INCIDENT # APPLIES

PO # / SAP #

DATE: 9/27/11

PAGE: 2 of 2

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.: 110927-PA1		
PROJECT CONTACT (Hardcopy or PDF Report to): Lorin King		SAMPLER NAME(S) (Print): DD Patrick Harris, Emanuel V.	LAB USE ONLY
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 :

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- ☐ STATE REIMBURSEMENT RATE APPLIES
- ☐ EDD NOT NEEDED
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REQUESTED ANALYSIS

TEMPERATURE ON RECEIPT: 3.5 C°

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	MW-12	9/27/11	1200	W	X					3	X				X									
	MW-13		1324		X						X				X									
	EW-1		1350		X						X						X							
	EW-2		1410		X						X						X							

Relinquished by: (Signature)	Received by: (Signature) (Sample Custodian)	Date: 9/29/11	Time: 1700
Relinquished by: (Signature)	Received by: (Signature)	Date: 9/28/11	Time: 1235
Relinquished by: (Signature) 9-28-11 19:00	Received by: (Signature)	Date: 9/29/11	Time: 0955

05/2/06 Revision