CONESTOGA-ROVERS & ASSOCIATES

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

TRANSMITTAL

DATE: May 14, 2012

REFERENCE NO.: 240612

PROJECT NAME: 1784 150th Avenue, San Leandro

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

RECEIVED
11:55 am, May 17, 2012
Alameda County
Environmental Health

Please find enclosed:
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QUANTITY	DESCRIPTION
1	Groundwater Monitoring Report – First Quarter 2012

- ☐ 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. (property owner), 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 - FIRST QUARTER 2012

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

SAP CODE	136019
INCIDENT NO.	98996068
AGENCY NO.	RO0000367

Prepared by:
Conestoga-Rovers & Associates

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Emeryville, California
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MAY 14, 2012
REF. NO. 240612 (27)
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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 March 1, 2012.

2.0 SITE ACTIVITIES, FINDINGS, AND DISCUSSION

2.1 CURRENT QUARTER'S ACTIVITIES

CRA submitted a *Subsurface Investigation Work Plan* on February 8, 2012 proposing additional soil vapor investigation.

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

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

2.2 CURRENT QUARTER'S FINDINGS

Groundwater Flow Direction	Variable
Hydraulic Gradient	Variable
Depth to Water	13.64 to 25.17 feet below top of well casing

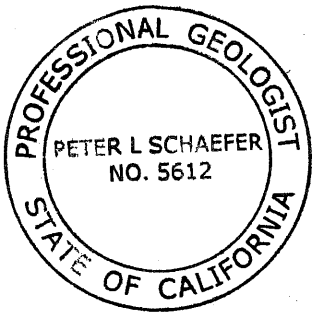
2.3 PROPOSED ACTIVITIES

CRA's February 8, 2012 work plan was approved in Alameda County Environmental Health's (ACEH's) March 1, 2012 letter. The soil vapor probe installations have been scheduled for May 14, 2012. We will submit a subsurface investigation report to ACEH by July 2, 2012.

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

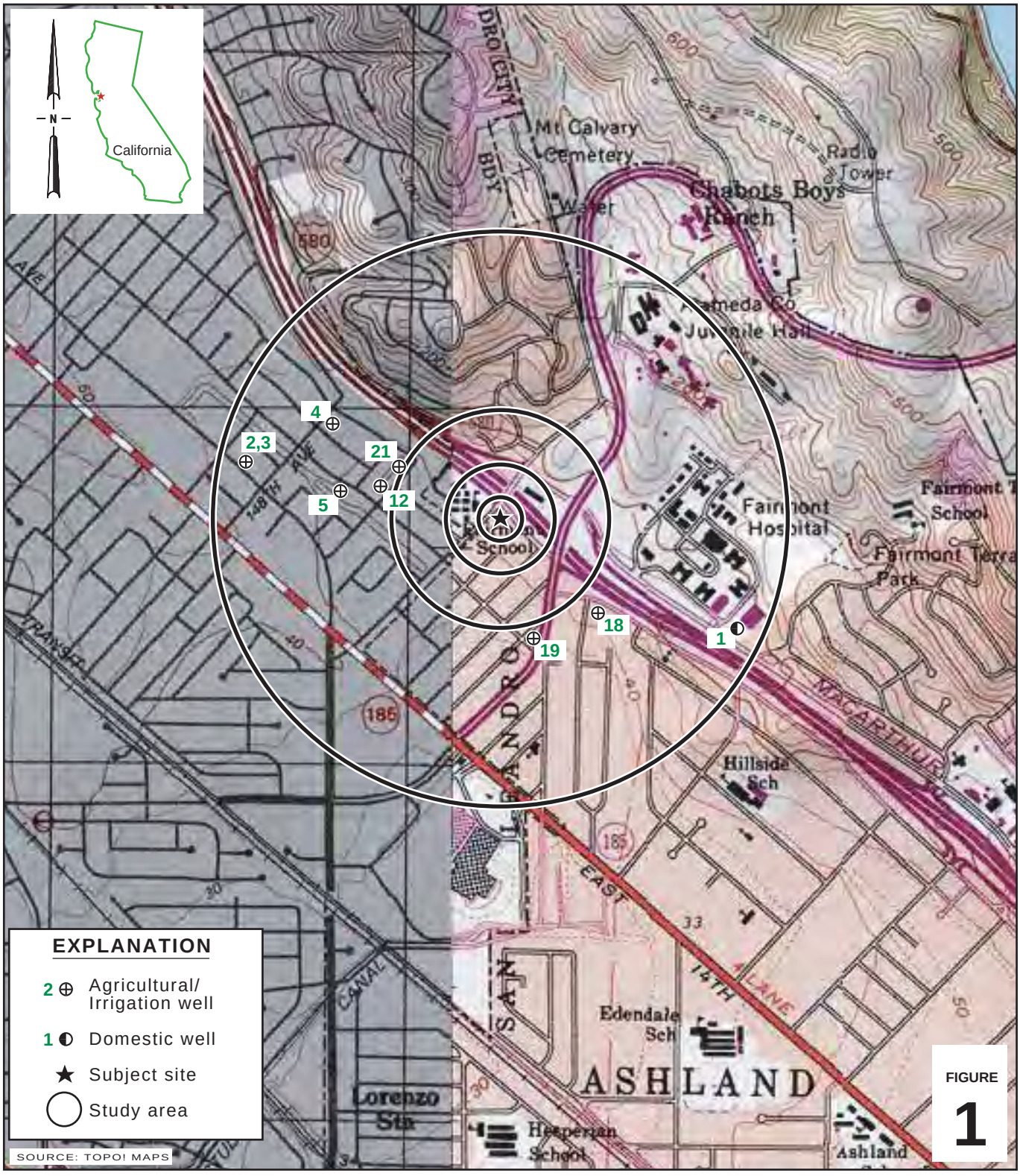
Peter Schaefer, CHG, CEG



for:
Aubrey K. Cool, PG

FIGURES

11/03/08



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

FIGURE 1

0 1/8 1/4 1/2 1

SCALE : 1" = 1/4 MILE

Shell-branded Service Station

1784 150th Avenue

San Leandro, California

CONESTOGA-ROVERS & ASSOCIATES

Vicinity Map

05/14/2012

Groundwater Contour and Chemical Concentration Map

March 9, 2012

EXPLANATION

- SVP-4A — Proposed soil vapor probe location
- SVP-1 — Soil vapor probe location
- SVE-1 — Soil vapor extraction well 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 (ft MSL); dashed where inferred

Well
ELEV
Benzene
MTBE

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

Notes:
ND = Not detected
NDa = Elevated reporting limit, see laboratory report for details
^ = Data anomalous; not used in contouring

MW-4 26.81 ND ND
MW-13* 26.86 ND ND
MW-9 26.83 1.0 ND
MW-12 27.08^ 840 NDa
MW-7 26.77 ND ND
MW-10 26.79 0.63 ND
MW-2B* 26.66 3.7 49
MW-11 26.74 1,200 35
MW-3 26.75 NDa 2.3
MW-8 26.67 38 NDa
EW-2 26.65 200 NDa
EW-1 26.74 1,100 140
MW-1B* 26.72 ND 44
MW-1A 26.79^ ND 4.6
MW-5 26.69 ND ND
MW-6* 26.72 ND ND

26.79
26.67
26.73

PORTOFINO CIRCLE
PORTOFINO DRIVE
150TH AVENUE
FREEDOM AVENUE
Brick Sound Wall
Residential
Residential (Townhouses)
Storm Drain
Manhole (MH, typ.)
Private (Gated Driveway)
Shell Station
1784 150th Ave.
Former Dispenser Island
Dispenser Islands
Station Building
USTs
Former W/O UST
Air Comp.
Storage
Parking Lot
Denny's Restaurant
15015 Freedom Ave.
SVP-5A
SVP-5
SVP-8
SVP-1
SVE-1
SVP-6
SVP-7
SVP-2
SVP-4A
SVP-4
SVP-3
P-4B
P-4A
MW-2
AS-1
P-3A
P-3B
P-1B
P-1A
P-2B
P-2A
MW-1

N

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-RPT27-1Q12\240612 1QM12-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	09/15/2008	---	---	---	---	---	---	---	---	---	---	---	---	---	---	48.44	23.26	---	25.18	---
EW-1	01/06/2009	---	43,000	1,600	860	1,500	3,800	---	500	---	---	---	---	---	---	48.44	22.51	---	25.93	0.18
EW-1	03/10/2009	---	39,000	2,500	1,300	1,700	5,300	---	390	---	---	---	---	---	---	48.44	19.58	---	28.86	1.21
EW-1	06/03/2009	---	26,000	540	220	1,300	2,600	---	210	---	---	---	---	---	---	48.44	21.80	---	26.64	1.09
EW-1	09/30/2009	---	48,000	390	140	1,900	4,200	---	210	740	<40	<40	<40	---	---	48.44	23.74	---	24.70	0.09
EW-1	03/05/2010	---	28,000	1,300	260	1,000	1,900	---	200	---	---	---	---	---	---	48.44	19.13	---	29.31	1.22
EW-1	09/16/2010	---	35,000	2,400	650	1,700	2,300	---	290	650	<20	<20	<20	---	---	48.44	22.07	---	26.37	0.21
EW-1	03/18/2011	---	9,300	140	23	490	680	---	68	---	---	---	---	---	---	48.44	20.09	---	28.35	0.30
EW-1	09/27/2011	---	17,000	1,200	270	1,200	2,300	---	110	520	<20	<20	<20	---	---	48.44	21.38	---	27.06	1.29
EW-1	**03/09/2012**	**---**	**18,000**	**1,100**	**190**	**1,100**	**2,000**	**---**	**140**	**---**	**---**	**---**	**---**	**---**	**---**	**48.44**	**21.70**	**---**	**26.74**	**0.45**
EW-2	09/15/2008	---	---	---	---	---	---	---	---	---	---	---	---	---	---	44.52	19.35	---	25.17	---
EW-2	01/06/2009	---	85,000	970	1,400	3,200	20,000	---	150	---	---	---	---	---	---	44.52	18.63	---	25.89	0.22
EW-2	03/10/2009	---	67,000	190	650	3,100	21,000	---	<100	---	---	---	---	---	---	44.52	16.21	---	28.31	0.76
EW-2	06/03/2009	---	62,000	560	490	3,000	18,000	---	<100	---	---	---	---	---	---	44.52	17.90	---	26.62	0.03
EW-2	09/30/2009	9,700 l,m	67,000	480	330	3,300	17,000	---	110	540	<100	<100	<100	---	---	44.52	19.84	---	24.68	0.20
EW-2	03/05/2010	---	63,000	150	320	2,400	13,000	---	64	---	---	---	---	---	---	44.52	15.10	---	29.42	0.21
EW-2	09/16/2010	---	42,000	160	670	2,400	12,000	---	60	330	<50	<50	<50	---	---	44.52	18.25	---	26.27	0.22
EW-2	03/18/2011	---	44,000	310	1,100	2,700	14,000	---	<50	---	---	---	---	---	---	44.52	16.41	---	28.11	0.31
EW-2	09/27/2011	---	42,000	280	1,100	2,700	14,000	---	<40	<400	<40	<40	<40	---	---	44.52	17.46	---	27.06	1.27
EW-2	**03/09/2012**	**---**	**52,000**	**200**	**1,500**	**2,700**	**16,000**	**---**	**<25**	**---**	**---**	**---**	**---**	**---**	**---**	**44.52**	**17.87**	**---**	**26.65**	**0.35**
MW-1	03/08/1990	120	510	1.5	0.8	<0.5	5.4	---	---	---	---	---	---	---	---	49.13	25.29	---	23.84	---
MW-1	06/12/1990	100	390	86	1.3	0.7	6.2	---	---	---	---	---	---	---	---	49.13	25.85	---	23.28	---
MW-1	09/13/1990	130	100	56	0.75	2.4	2.8	---	---	---	---	---	---	---	---	49.13	27.49	---	21.64	---
MW-1	12/18/1990	<50	480	54	1.7	3.3	3.7	---	---	---	---	---	---	---	---	49.13	27.41	---	21.72	---
MW-1	03/07/1991	<50	80	266	<0.5	1.2	<1.5	---	---	---	---	---	---	---	---	49.13	25.79	---	23.34	---
MW-1	06/07/1991	<50	510	130	3.8	6.1	11	---	---	---	---	---	---	---	---	49.13	25.64	---	23.49	---
MW-1	09/17/1991	120 a	330	67	<0.5	3.0	2.2	---	---	---	---	---	---	---	---	49.13	27.54	---	21.59	---
MW-1	12/09/1991	80	140 a	<0.5	<0.5	1.7	4.7	---	---	---	---	---	---	---	---	49.13	27.81	---	21.32	---
MW-1	02/13/1992	---	---	---	---	---	---	---	---	---	---	---	---	---	---	49.13	25.57	---	23.56	---
MW-1	02/24/1992	---	---	---	---	---	---	---	---	---	---	---	---	---	---	49.13	22.83	---	26.30	---
MW-1	02/27/1992	---	---	---	---	---	---	---	---	---	---	---	---	---	---	49.13	23.09	---	26.04	---
MW-1	03/01/1992	<50	<50	<0.5	<0.5	<0.5	<0.5	---	---	---	---	---	---	---	---	49.13	23.26	---	25.87	---
MW-1	06/03/1992	---	1,500	520	180	72	230	---	---	---	---	---	---	---	---	49.13	24.64	---	24.49	---
MW-1	09/01/1992	---	130	16	1.4	1.8	3.4	---	---	---	---	---	---	---	---	49.13	26.74	---	22.39	---
MW-1	10/06/1992	---	---	---	---	---	---	---	---	---	---	---	---	---	---	49.13	27.18	---	21.95	---
MW-1	11/11/1992	---	---	---	---	---	---	---	---	---	---	---	---	---	---	49.13	27.99	---	21.14	---

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

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

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	10/26/2007	---	40,000 j	9,500	120	540	1,370	---	6,300	---	---	---	---	---	---	49.10	23.04	---	26.06	0.9
MW-1	11/13/2007	---	36,000 j	8,400	110	480	1,400	---	7,100	---	---	---	---	---	---	49.10	22.99	---	26.11	0.30
MW-1	12/26/2007	---	33,000 j	8,600	120	550	1,330	---	5,300	2,500	---	---	<100	<25	---	49.10	22.37	---	26.73	0.5
MW-1	01/03/2008	---	42,000 j	9,900	170	810	2,140	---	5,300	---	---	---	---	---	---	49.10	22.53	---	26.57	1.63
MW-1	02/21/2008	---	32,000 j	9,900	540	1,100	2,260	---	5,500	---	---	---	---	---	---	49.10	20.42	---	28.68	2.1
MW-1	03/19/2008	---	41,000 j	9,900	620	1,300	2,280	---	5,600	6,900	---	---	---	<50	---	49.10	21.01	---	28.09	0.24
MW-1	04/16/2008	---	53,000	10,000	430	1,100	2,200	---	5,500	---	---	---	---	---	---	49.10	21.49	---	27.61	1.70
MW-1	05/29/2008	---	47,000	9,100	670	1,100	2,270	---	4,600	---	---	---	---	---	---	49.10	22.17	---	26.93	1.10
MW-1	06/05/2008	---	51,000	7,900	660	1,100	2,780	---	4,600	3,700	<200	<200	<200	<50	---	49.10	22.31	---	26.79	0.19
MW-1	07/22/2008	---	69,000	8,700	510	1,400	3,480	---	3,100	---	---	---	---	---	---	49.10	23.13	0.01	25.98	1.64
MW-1	09/29/2008	---	61,000	7,900	560	1,400	2,480	---	2,300	4,100	<200	<200	<200	<50	---	49.10	24.04	---	25.06	0.69
MW-1	Well destroyed		---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
MW-1A	09/15/2008	---	---	---	---	---	---	---	---	---	---	---	---	---	---	48.99	23.78	---	25.21	---
MW-1A	12/19/2008	---	320	0.54	<1.0	<1.0	<1.0	---	12	---	---	---	---	---	---	48.99	23.61	---	25.38	0.38
MW-1A	03/10/2009	---	570	8.0	<1.0	1.5	1.2	---	16	---	---	---	---	---	---	48.99	20.15	---	28.84	1.80
MW-1A	06/03/2009	---	200	<0.50	<1.0	<1.0	<1.0	---	12	---	---	---	---	---	---	48.99	22.30	---	26.69	1.71
MW-1A	09/30/2009	---	140	<0.50	<1.0	<1.0	<1.0	---	6.0	66	<2.0	<2.0	<2.0	---	---	48.99	24.28	---	24.71	0.38
MW-1A	03/05/2010	---	540	30	<1.0	2.3	2.8	---	22	---	---	---	---	---	---	48.99	19.66	---	29.33	0.48
MW-1A	09/16/2010	---	120	<0.50	<1.0	<1.0	<1.0	---	9.7	42	<2.0	<2.0	<2.0	---	---	48.99	22.69	---	26.30	0.22
MW-1A	03/18/2011	---	110	17	<0.50	<0.50	<1.0	---	11	---	---	---	---	---	---	48.99	20.60	---	28.39	0.62
MW-1A	09/27/2011	---	360	<0.50	<0.50	<0.50	<1.0	---	7.4	82	<1.0	<1.0	<1.0	---	---	48.99	21.90	---	27.09	1.09
MW-1A	**03/09/2012**	**---**	**220**	**<0.50**	**<0.50**	**<0.50**	**<1.0**	**---**	**4.6**	**---**	**---**	**---**	**---**	**---**	**---**	**48.99**	**22.20**	**---**	**26.79**	**0.47**
MW-1B	10/31/2008	---	---	---	---	---	---	---	---	---	---	---	---	---	---	49.07	24.25	---	24.82	---
MW-1B	12/19/2008	---	980	14	<1.0	3.8	15	---	440	---	---	---	---	---	---	49.07	23.71	---	25.36	0.42
MW-1B	03/10/2009	---	790	11	<5.0	<5.0	8.4	---	450	---	---	---	---	---	---	49.07	20.36	---	28.71	1.22
MW-1B	06/03/2009	---	470	<2.5	<5.0	<5.0	<5.0	---	460	---	---	---	---	---	---	49.07	22.38	---	26.69	2.37
MW-1B	09/30/2009	---	<50	<0.50	<1.0	<1.0	<1.0	---	3.2	<10	<2.0	<2.0	<2.0	---	---	49.07	24.35	---	24.72	0.42
MW-1B	03/05/2010	---	<50	<0.50	<1.0	<1.0	<1.0	---	4.3	---	---	---	---	---	---	49.07	19.82	---	29.25	0.15
MW-1B	09/16/2010	---	<50	<0.50	<1.0	<1.0	<1.0	---	1.2	<10	<2.0	<2.0	<2.0	---	---	49.07	22.79	---	26.28	0.25
MW-1B	03/18/2011	---	<50	<0.50	<0.50	<0.50	<1.0	---	1.6	---	---	---	---	---	---	49.07	19.00	---	30.07	0.77
MW-1B	09/27/2011	---	<50	<0.50	<0.50	<0.50	<1.0	---	6.6	<10	<1.0	<1.0	<1.0	---	---	49.07	22.05	---	27.02	1.91
MW-1B	**03/09/2012**	**---**	**<50**	**<0.50**	**<0.50**	**<0.50**	**<1.0**	**---**	**44**	**---**	**---**	**---**	**---**	**---**	**---**	**49.07**	**22.35**	**---**	**26.72**	**0.74**
MW-2	02/13/1992	---	---	---	---	---	---	---	---	---	---	---	---	---	---	45.83	22.22	---	23.61	---
MW-2	02/24/1992	2,700 a	17,000	6,200	1,600	550	1,900	---	---	---	---	---	---	---	---	45.83	19.61	---	26.22	---
MW-2	02/27/1992	---	---	---	---	---	---	---	---	---	---	---	---	---	---	45.83	19.92	---	25.91	---

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

Well ID	Date	TPHd (µg/L)	TPHg (µg/L)	B (µg/L)	T (µg/L)	E (µg/L)	X (µg/L)	MTBE 8020 (µg/L)	MTBE 8260 (µg/L)	TBA (µg/L)	DIPE (µg/L)	ETBE (µg/L)	TAME (µg/L)	1,2-DCA (µg/L)	EDB (µg/L)	TOC (ft MSL)	Depth to Water (ft TOC)	SPH Thickness (ft)	GW Elevation (ft MSL)	DO Reading (mg/L)
MW-2	03/01/1992	1,000 a	86,000	30,000	34,000	2,300	16,000	---	---	---	---	---	---	---	---	45.83	21.11	---	24.72	---
MW-2	06/03/1992	---	87,000	28,000	18,000	2,000	10,000	---	---	---	---	---	---	---	---	45.83	21.58	---	24.25	---
MW-2	09/01/1992	---	110,000	21,000	13,000	1,900	7,800	---	---	---	---	---	---	---	---	45.83	23.46	---	22.37	---
MW-2	10/06/1992	---	---	---	---	---	---	---	---	---	---	---	---	---	---	45.83	23.99	---	21.84	---
MW-2	11/11/1992	---	---	---	---	---	---	---	---	---	---	---	---	---	---	45.83	24.25	---	21.58	---
MW-2	12/04/1992	---	42,000	15,000	2,400	960	2,900	---	---	---	---	---	---	---	---	45.83	23.89	---	21.94	---
MW-2	01/22/1993	---	---	---	---	---	---	---	---	---	---	---	---	---	---	45.83	17.03	---	28.80	---
MW-2	02/10/1993	---	---	---	---	---	---	---	---	---	---	---	---	---	---	45.83	18.08	---	27.75	---
MW-2	03/03/1993	---	160,000	36,000	3,800	32,000	21,000	---	---	---	---	---	---	---	---	45.83	17.28	---	28.55	---
MW-2 (D)	03/03/1993	---	150,000	31,000	3,100	20,000	14,000	---	---	---	---	---	---	---	---	45.83	---	---	---	---
MW-2	05/11/1993	---	---	---	---	---	---	---	---	---	---	---	---	---	---	45.83	18.41	---	27.42	---
MW-2	06/17/1993	---	65,000	34,000	15,000	3,200	11,000	---	---	---	---	---	---	---	---	45.83	19.06	---	26.77	---
MW-2 (D)	06/17/1993	---	62,000	28,000	14,000	2,700	10,000	---	---	---	---	---	---	---	---	45.83	---	---	---	---
MW-2	09/10/1993	---	72,000	24,000	16,000	2,300	11,000	---	---	---	---	---	---	---	---	45.83	20.88	---	24.95	---
MW-2 (D)	09/10/1993	---	71,000	23,000	15,000	2,300	10,000	---	---	---	---	---	---	---	---	45.83	---	---	---	---
MW-2	12/13/1993	---	19,000	5,400	4,900	680	3,100	---	---	---	---	---	---	---	---	45.83	20.42	---	25.41	---
MW-2 (D)	12/13/1993	---	17,000	6,200	5,500	720	3,500	---	---	---	---	---	---	---	---	45.83	---	---	---	---
MW-2	03/03/1994	---	110,000	21,000	24,000	2,000	13,000	---	---	---	---	---	---	---	---	45.83	18.48	---	27.35	---
MW-2 (D)	03/03/1994	---	93,000	19,000	22,000	1,800	12,000	---	---	---	---	---	---	---	---	45.83	---	---	---	---
MW-2	06/06/1994	---	10,000	1,900	3,300	2,500	13,000	---	---	---	---	---	---	---	---	45.83	20.26	---	25.57	---
MW-2 (D)	06/06/1994	---	99,000	9,900	12,000	2,400	12,000	---	---	---	---	---	---	---	---	45.83	---	---	---	---
MW-2	09/12/1994	---	160,000	22,000	33,000	3,400	23,000	---	---	---	---	---	---	---	---	45.83	21.80	---	24.03	---
MW-2 (D)	09/12/1994	---	150,000	23,000	34,000	3,500	23,000	---	---	---	---	---	---	---	---	45.83	---	---	---	---
MW-2	12/19/1994	---	80,000	17,000	16,000	2,300	14,000	---	---	---	---	---	---	---	---	45.83	19.66	---	26.17	---
MW-2 (D)	12/19/1994	---	100,000	28,000	26,000	3,400	20,000	---	---	---	---	---	---	---	---	45.83	---	---	---	---
MW-2	02/28/1995	---	100,000	24,000	18,000	2,300	17,000	---	---	---	---	---	---	---	---	45.83	17.51	---	28.32	---
MW-2 (D)	02/28/1995	---	100,000	31,000	21,000	3,200	18,000	---	---	---	---	---	---	---	---	45.83	---	---	---	---
MW-2	03/24/1995	---	---	---	---	---	---	---	---	---	---	---	---	---	---	45.83	14.88	---	30.95	---
MW-2	06/26/1995	---	45,000	14,000	12,000	1,500	7,500	---	---	---	---	---	---	---	---	45.83	17.58	---	28.25	---
MW-2 (D)	06/26/1995	---	68,000	13,000	11,000	1,800	7,700	---	---	---	---	---	---	---	---	45.83	---	---	---	---
MW-2	09/13/1995	---	110,000	19,000	19,000	2,800	15,000	---	---	---	---	---	---	---	---	45.83	19.28	---	26.55	---
MW-2 (D)	09/13/1995	---	120,000	20,000	20,000	2,900	15,000	---	---	---	---	---	---	---	---	45.83	---	---	---	---
MW-2	12/19/1995	---	180,000	18,000	29,000	4,100	24,000	---	---	---	---	---	---	---	---	45.83	18.61	---	27.22	---
MW-2 (D)	12/19/1995	---	160,000	18,000	28,000	3,800	24,000	---	---	---	---	---	---	---	---	45.83	---	---	---	---
MW-2	03/06/1996	---	120,000	28,000	15,000	3,900	17,000	---	---	---	---	---	---	---	---	45.83	15.41	---	30.42	---
MW-2	06/28/1996	---	96,000	20,000	20,000	4,100	22,000	2,400	---	---	---	---	---	---	---	45.83	17.84	---	27.99	---
MW-2	09/26/1996	---	87,000	7,600	11,000	2,500	15,000	990	840	---	---	---	---	---	---	45.83	19.60	---	26.23	---
MW-2	12/10/1996	---	---	---	---	---	---	---	---	---	---	---	---	---	---	45.83	18.15	0.25	27.88	---

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

Well ID	Date	TPHd (µg/L)	TPHg (µg/L)	B (µg/L)	T (µg/L)	E (µg/L)	X (µg/L)	MTBE 8020 (µg/L)	MTBE 8260 (µg/L)	TBA (µg/L)	DIPE (µg/L)	ETBE (µg/L)	TAME (µg/L)	1,2-DCA (µg/L)	EDB (µg/L)	TOC (ft MSL)	Depth to Water (ft TOC)	SPH Thickness (ft)	GW Elevation (ft MSL)	DO Reading (mg/L)
MW-2	03/10/1997	---	---	---	---	---	---	---	---	---	---	---	---	---	---	45.83	17.02	0.20	28.97	---
MW-2	06/30/1997	---	57,000	3,600	4,600	1,300	9,700	2,300	---	---	---	---	---	---	---	45.83	19.42	---	26.41	2.4
MW-2	09/12/1997	---	88,000	7,800	8,800	2,600	16,000	3,200	---	---	---	---	---	---	---	45.83	19.40	---	26.43	1.7
MW-2 (D)	09/12/1997	---	90,000	8,300	9,400	2,700	17,000	3,400	---	---	---	---	---	---	---	45.83	---	---	---	1.7
MW-2	12/18/1997	---	---	---	---	---	---	---	---	---	---	---	---	---	---	45.83	17.56	---	28.27	1.3
MW-2	02/02/1998	---	<50	0.60	1.9	0.93	6.0	9.3	---	---	---	---	---	---	---	45.83	18.14	---	27.69	2
MW-2 (D)	02/02/1998	---	56	1.0	2.8	1.4	9.3	13	---	---	---	---	---	---	---	45.83	---	---	---	2
MW-2	06/24/1998	---	20,000	<200	620	560	4,500	<1,000	---	---	---	---	---	---	---	45.83	16.08	---	29.75	2.4
MW-2	08/26/1998	---	22,000	380	1,100	560	4,400	330	---	---	---	---	---	---	---	45.83	19.25	---	26.58	---
MW-2 (D)	08/26/1998	---	11,000	180	130	290	500	1,400	---	---	---	---	---	---	---	45.83	---	---	---	---
MW-2	12/23/1998	---	100,000	4,100	6,500	2,400	16,000	<500	---	---	---	---	---	---	---	45.83	18.29	---	27.54	3.8
MW-2	03/01/1999	---	50,800	3,910	7,480	1,890	13,100	9,620	---	---	---	---	---	---	---	45.83	22.81	---	23.02	2.0
MW-2	06/14/1999	---	4,930	128	270	139	1,040	2,200	2,540 f	---	---	---	---	---	---	45.83	18.86	---	26.97	1.6
MW-2	09/28/1999	---	16,200	647	1,070	542	4,130	5,320	4,790	---	---	---	---	---	---	45.83	21.41	---	24.42	1.8
MW-2	12/08/1999	---	25,700	1,670	2,110	977	6,600	6,190	5,970	---	---	---	---	---	---	45.83	21.89	---	23.94	1.8
MW-2	03/14/2000	---	45,100	2,070	4,710	1,920	12,800	16,700	18,300 f	---	---	---	---	---	---	45.83	15.57	---	30.26	2.0
MW-2	06/28/2000	---	52,100	5,150	4,200	1,880	13,300	15,500	13,500 f	---	---	---	---	---	---	45.83	17.79	---	28.04	1.9
MW-2	09/06/2000	---	39,500	4,490	3,290	2,100	14,000	18,500	9,060 f	---	---	---	---	---	---	45.83	18.65	---	27.18	3.5
MW-2	12/14/2000	---	209	3.51	1.11	1.00	64.4	79.4	---	---	---	---	---	---	---	45.83	19.00	---	26.83	1.5
MW-2	03/05/2001	---	38,200	2,010	927	1,250	8,300	13,100	15,400	---	---	---	---	---	---	45.83	16.66	---	29.17	1.0
MW-2	06/11/2001	---	50,000	4,400	2,200	1,800	11,000	---	26,000	---	---	---	---	---	---	45.83	18.93	---	26.90	1.7
MW-2	09/12/2001	---	59,000	6,100	2,800	2,300	14,000	---	21,000	---	---	---	---	---	---	45.83	19.85	---	25.98	1.6
MW-2	12/27/2001	---	74,000	8,600	2,500	2,500	17,000	---	25,000	---	---	---	---	---	---	45.83	17.85	---	27.98	2.6
MW-2	02/27/2002	---	70,000	8,100	2,600	2,100	13,000	---	32,000	---	---	---	---	---	---	45.79	17.15	---	28.64	2.0
MW-2	06/18/2002	---	72,000	9,500	3,000	2,200	13,000	---	29,000	---	---	---	---	---	---	45.79	18.49	---	27.30	0.6
MW-2	09/18/2002	---	48,000	7,600	850	1,300	6,300	---	8,700	---	---	---	---	---	---	45.79	19.95	---	25.84	1.0
MW-2	12/27/2002	---	40,000	5,900	1,200	1,400	7,800	---	19,000	10,000	<50	<50	55	<50	<50	45.79	16.71	---	29.08	1.0
MW-2	03/05/2003	---	62,000	13,000	1,400	2,000	7,900	---	21,000	10,000	---	---	<50	<50	---	45.79	17.72	---	28.07	1.4
MW-2	06/24/2003	---	19,000	9,500	530	700	2,900	---	14,000	6,000	---	---	<400	<100	---	45.79	18.30	---	27.49	1.4
MW-2	09/25/2003	---	65,000	24,000	1,500	2,400	9,700	---	19,000	6,400	---	---	<1,000	<250	---	45.79	20.05	---	25.74	1.3
MW-2	12/15/2003	---	67,000	18,000	1,800	1,900	7,200	---	11,000	3,700	---	---	<400	<100	---	45.79	18.80	---	26.99	0.1
MW-2	03/04/2004	---	72,000	27,000	1,200	2,100	7,600	---	13,000	6,800	---	---	<400	<100	---	45.79	16.75	---	29.04	0.2
MW-2	05/27/2004	---	74,000	6,000	2,000	2,500	15,000	---	19,000	8,500	---	---	<400	<100	---	45.79	18.85	---	26.94	0.8
MW-2	09/24/2004	---	<100	<1.0	<1.0	<1.0	<2.0	---	130	46	<4.0	<4.0	<4.0	19	<1.0	45.79	16.10	---	29.69	5.1
MW-2	11/22/2004	---	8,800	1,200	230	350	1,900	---	2,200	1,300	---	---	<40	<10	---	45.79	19.83	---	25.96	0.3
MW-2	03/02/2005	---	960	150	21	30	220	---	630	460	---	---	<10	<2.5	---	45.79	15.90	---	29.89	0.5
MW-2	06/30/2005	---	970	130	19	27	210	---	320 d	220	---	---	<2.0	0.98	---	45.79	17.14	---	28.65	0.7
MW-2	09/20/2005	---	890	320	10	35	190	---	440	570	<10	<10	<10	<2.5	---	45.79	18.66	---	27.13	0.9

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	12/05/2005	---	690	150	6.1	21	130	---	450	520	---	---	<5.0	<5.0	---	45.79	18.58	---	27.21	0.51
MW-2	03/02/2006	---	11,000 f	2,700 f	150 f	440 f	2,300 f	---	1,600 f	3,800 f	---	---	5.7	<0.50 h	---	45.79	16.30	---	29.49	1.2
MW-2	06/29/2006	Well inaccessible		---	---	---	---	---	---	---	---	---	---	---	---	45.79	---	---	---	---
MW-2	06/30/2006	---	3,870	177	33.1	55.5	311	---	1,560	1,180	---	---	4.90	<0.500	---	45.79	16.72	---	29.07	0.58
MW-2	07/06/2006	---	---	---	---	---	---	---	---	---	---	---	---	---	---	45.79	16.86	---	28.93	---
MW-2	09/11/2006	---	10,700	1,010	134	211	1,280	---	2,780	1,850	<0.500	<0.500	45.7	<0.500	---	45.79	17.86	---	27.93	1.03
MW-2	12/28/2006	---	29,000	2,600	550	1,000	5,600	---	2,500	3,300	---	---	<50	<12	---	45.79	17.45	---	28.34	1.09
MW-2	03/20/2007	---	57,600	14,200 i	4,150 i	4,310 i	22,400 i	---	6,240 i	<10,000 i	---	---	<200 i	<100 i	---	45.79	17.28	---	28.51	0.18
MW-2	06/26/2007	---	39,000 j	3,400	2,300	2,200	12,900	---	3,300	3,400	---	---	<100	<25	---	45.79	18.64	---	27.15	0.30
MW-2	09/11/2007	---	30,000 j	4,000	2,500	2,500	13,000	---	2,600	2,600	<100	<100	<100	<25	---	45.79	19.57	---	26.22	1.14
MW-2	12/26/2007	---	43,000 j	6,200	2,200	2,800	17,600	---	2,200	2,000	---	---	<50	<12	---	45.79	18.78	---	27.01	3.2
MW-2	03/19/2008	---	19,000 j	2,400	1,800	1,200	6,000	---	910	1,000	---	---	<200	<50	---	45.79	17.32	---	28.47	0.06
MW-2	05/29/2008	---	---	---	---	---	---	---	---	---	---	---	---	---	---	45.79	18.40	---	27.39	---
MW-2	06/05/2008	---	68,000	7,400	2,600	2,800	14,100	---	2,600	1,800	<100	<100	<100	<25	---	45.79	18.71	---	27.08	0.28
MW-2	07/22/2008	---	---	---	---	---	---	---	---	---	---	---	---	---	---	45.79	19.48	---	26.31	---
MW-2	09/29/2008	---	84,000	2,600	6,900	3,400	19,300	---	620	<500	<100	<100	<100	<25	---	45.79	24.50	---	21.29	1.37
MW-2	Well destroyed		---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
MW-2B	10/31/2008	---	---	---	---	---	---	---	---	---	---	---	---	---	---	44.96	20.20	---	24.76	---
MW-2B	12/19/2008	---	1,300	43	2.0	<1.0	65	---	50	---	---	---	---	---	---	44.96	19.60	---	25.36	0.48
MW-2B	03/10/2009	---	800	58	1.3	<1.0	4.2	---	110	---	---	---	---	---	---	44.96	16.10	---	28.86	0.69
MW-2B	06/03/2009	---	28,000	8,600	<500	<500	<500	---	5,000	---	---	---	---	---	---	44.96	18.36	---	26.60	0.06
MW-2B	06/26/2009	---	12,000	3,100	5.2	<2.0	11	---	3,600	---	---	---	---	---	---	44.96	18.84	---	26.12	0.76
MW-2B	09/30/2009	270 l,m	10,000	1,500	<25	<25	<25	---	3,300	2,700	<50	<50	<50	---	---	44.96	20.30	---	24.66	0.26
MW-2B	03/05/2010	---	6,400	210	<20	<20	<20	---	2,400	---	---	---	---	---	---	44.96	15.56	---	29.40	0.16
MW-2B	09/16/2010	---	1,300	16	<10	<10	<10	---	1,600	310	<20	<20	<20	---	---	44.96	18.69	---	26.27	1.50
MW-2B	03/18/2011	---	270	1.0	37	9.0	72	---	5.1	---	---	---	---	---	---	44.96	16.78	---	28.18	0.91
MW-2B	09/27/2011	---	290	43	27	12	43	---	120	52	<1.0	<1.0	<1.0	---	---	44.96	17.87	---	27.09	1.16
MW-2B	**03/09/2012**	**---**	**69**	**3.7**	**2.3**	**1.2**	**2.8**	**---**	**49**	**---**	**---**	**---**	**---**	**---**	**---**	**44.96**	**18.30**	**---**	**26.66**	**0.67**
MW-3	02/13/1992	---	---	---	---	---	---	---	---	---	---	---	---	---	---	51.97	27.97	---	24.00	---
MW-3	02/24/1992	1,300 a	4,500	97	<5	78	18	---	---	---	---	---	---	---	---	51.97	25.60	---	26.37	---
MW-3	02/27/1992	---	---	---	---	---	---	---	---	---	---	---	---	---	---	51.97	25.88	---	26.09	---
MW-3	03/01/1992	440	2,200	69	<0.5	<0.5	<0.5	---	---	---	---	---	---	---	---	51.97	26.00	---	25.97	---
MW-3	06/03/1992	---	4,100	13	72	44	65	---	---	---	---	---	---	---	---	51.97	27.70	---	24.27	---
MW-3	09/01/1992	---	1,900	20	6.8	5.5	<5	---	---	---	---	---	---	---	---	51.97	29.46	---	22.51	---
MW-3 (D)	09/01/1992	---	1,900	21	6.6	3.4	<5	---	---	---	---	---	---	---	---	51.97	---	---	---	---
MW-3	10/06/1992	---	---	---	---	---	---	---	---	---	---	---	---	---	---	51.97	30.01	---	21.96	---

TABLE 1

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

Well ID	Date	TPHd (µg/L)	TPHg (µg/L)	B (µg/L)	T (µg/L)	E (µg/L)	X (µg/L)	MTBE 8020 (µg/L)	MTBE 8260 (µg/L)	TBA (µg/L)	DIPE (µg/L)	ETBE (µg/L)	TAME (µg/L)	1,2-DCA (µg/L)	EDB (µg/L)	TOC (ft MSL)	Depth to Water (ft TOC)	SPH Thickness (ft)	GW Elevation (ft MSL)	DO Reading (mg/L)
MW-3	11/11/1992	---	---	---	---	---	---	---	---	---	---	---	---	---	---	51.97	30.26	---	21.71	---
MW-3	12/04/1992	---	2,400	8.2	<5	<5	<5	---	---	---	---	---	---	---	---	51.97	29.93	---	22.04	---
MW-3 (D)	12/04/1992	---	2,100	11	<0.5	5.7	<0.5	---	---	---	---	---	---	---	---	51.97	---	---	---	---
MW-3	01/22/1993	---	---	---	---	---	---	---	---	---	---	---	---	---	---	51.97	22.76	---	29.21	---
MW-3	02/10/1993	---	---	---	---	---	---	---	---	---	---	---	---	---	---	51.97	21.40	---	30.57	---
MW-3	03/03/1993	---	5,100	63	61	75	150	---	---	---	---	---	---	---	---	51.97	23.08	---	28.89	---
MW-3	05/11/1993	---	---	---	---	---	---	---	---	---	---	---	---	---	---	51.97	24.51	---	27.46	---
MW-3	06/17/1993	---	4,000	94	140	82	150	---	---	---	---	---	---	---	---	51.97	25.21	---	26.76	---
MW-3	09/10/1993	---	3,200	140	12.5	12.5	12.5	---	---	---	---	---	---	---	---	51.97	26.95	---	25.02	---
MW-3	12/13/1993	---	6,200	<12.5	<12.5	<12.5	<12.5	---	---	---	---	---	---	---	---	51.97	26.52	---	25.45	---
MW-3	03/03/1994	---	4,500	73	<5	<5	<5	---	---	---	---	---	---	---	---	51.97	24.50	---	27.47	---
MW-3	06/06/1994	---	3,200	<0.5	<0.5	3.1	<0.5	---	---	---	---	---	---	---	---	51.97	26.33	---	25.64	---
MW-3	09/12/1994	---	3,900	<0.5	<0.5	9.6	4.1	---	---	---	---	---	---	---	---	51.97	27.98	---	23.99	---
MW-3	12/19/1994	---	2,400	21	22	4.2	2.6	---	---	---	---	---	---	---	---	51.97	25.63	---	26.34	---
MW-3	02/28/1995	---	4,000	58	<0.5	7.1	3.5	---	---	---	---	---	---	---	---	51.97	23.45	---	28.52	---
MW-3	03/24/1995	---	---	---	---	---	---	---	---	---	---	---	---	---	---	51.97	21.07	---	30.90	---
MW-3	06/26/1995	---	3,900	8.1	<0.5	12	2.4	---	---	---	---	---	---	---	---	51.97	23.64	---	28.33	---
MW-3	09/13/1995	---	4,100	58	5.5	5.5	<0.5	---	---	---	---	---	---	---	---	51.97	25.40	---	26.57	---
MW-3	12/19/1995	---	3,600	<0.5	4.3	2.1	1.1	---	---	---	---	---	---	---	---	51.97	24.53	---	27.44	---
MW-3	03/07/1996	---	---	---	---	---	---	---	---	---	---	---	---	---	---	51.97	21.59	0.04	30.41	---
MW-3	06/28/1996	---	2,400	55	<0.5	<0.5	11	120	---	---	---	---	---	---	---	51.97	23.95	---	28.02	---
MW-3	09/26/1996	---	2,500	<5.0	<5.0	<5.0	<5.0	160	---	---	---	---	---	---	---	51.97	25.89	---	26.08	---
MW-3	12/10/1996	---	1,600	28	4.2	<2.0	3.9	110	---	---	---	---	---	---	---	51.97	24.22	---	27.75	0.8
MW-3	03/10/1997	---	130	<0.50	<0.50	<0.50	1.4	4.2	---	---	---	---	---	---	---	51.97	23.05	---	28.92	2.8
MW-3	06/30/1997	---	1,200	21	2.3	<2.0	<2.0	69	---	---	---	---	---	---	---	51.97	24.34	---	27.63	2.3
MW-3	09/12/1997	---	440	8.3	0.82	<0.50	1.9	3.4	---	---	---	---	---	---	---	51.97	24.47	---	27.50	1.9
MW-3	12/18/1997	---	---	---	---	---	---	---	---	---	---	---	---	---	---	51.97	23.54	---	28.43	0.8
MW-3	02/02/1998	---	400	9.3	0.68	<0.50	<0.50	9.0	---	---	---	---	---	---	---	51.97	21.92	---	30.05	1.5
MW-3	06/24/1998	---	<50	<0.50	<0.50	<0.50	<0.50	<2.5	---	---	---	---	---	---	---	51.97	22.35	---	29.62	1.9
MW-3	08/26/1998	---	140	7.4	<0.50	<0.50	2.5	13	---	---	---	---	---	---	---	51.97	23.45	---	28.52	1.3
MW-3	12/23/1998	---	1,200	50	<2.0	<2.0	<2.0	69	---	---	---	---	---	---	---	51.97	24.01	---	27.96	4.2
MW-3	03/01/1999	---	2,550	<0.500	<0.500	<0.500	0.658	32.4	---	---	---	---	---	---	---	51.97	22.08	---	29.89	2.0
MW-3	06/14/1999	---	514	18.1	0.728	<0.500	<0.500	15.9	---	---	---	---	---	---	---	51.97	23.15	---	28.82	1.7
MW-3	09/28/1999	---	1,180	<1.00	<1.00	<1.00	<1.00	<10.0	---	---	---	---	---	---	---	51.97	25.36	---	26.61	1.2
MW-3	12/08/1999	---	1,740	71.5	23.0	24.2	61.3	103	---	---	---	---	---	---	---	51.97	25.75	---	26.22	2.0
MW-3	03/14/2000	---	1,410	5.63	35.6	<5.00	8.41	38.7	---	---	---	---	---	---	---	51.97	21.64	---	30.33	2.1
MW-3	06/28/2000	---	2,460	<5.00	9.48	<5.00	28.4	64.0	---	---	---	---	---	---	---	51.97	23.84	---	28.13	2.87
MW-3	09/06/2000	---	887	<1.00	<1.00	<1.00	<1.00	<10.0	---	---	---	---	---	---	---	51.97	24.73	---	27.24	2.0

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	03/05/2001	---	2,100	4.90	56.5	<2.00	3.62	261	---	---	---	---	---	---	---	51.97	22.83	---	29.14	0.8
MW-3	06/11/2001	---	2,000	1.0	<0.50	<0.50	<0.50	---	<0.50	---	---	---	---	---	---	51.97	25.20	---	26.77	0.7
MW-3	09/12/2001	---	1,500	0.50	0.54	<0.50	1.8	---	<5.0	---	---	---	---	---	---	51.97	26.15	---	25.82	1.5
MW-3	12/27/2001	---	2,100	<0.50	<0.50	<0.50	<0.50	---	<5.0	---	---	---	---	---	---	51.97	23.67	---	28.30	1.9
MW-3	02/27/2002	---	2,300	<0.50	<0.50	<0.50	<0.50	---	<5.0	---	---	---	---	---	---	51.92	23.23	---	28.69	1.5
MW-3	06/18/2002	---	2,000	<0.50	<0.50	<0.50	<0.50	---	<0.50	---	---	---	---	---	---	51.92	24.74	---	27.18	2.0
MW-3	09/18/2002	---	2,600	<0.50	<0.50	<0.50	<0.50	---	<5.0	---	---	---	---	---	---	51.92	26.05	---	25.87	1.4
MW-3	12/27/2002	Well inaccessible		---	---	---	---	---	---	---	---	---	---	---	---	51.92	---	---	---	---
MW-3	03/05/2003	---	2,300	<0.50	<0.50	<0.50	<0.50	---	<5.0	<50	---	---	<2.0	13	---	51.92	23.84	---	28.08	1.3
MW-3	06/24/2003	Well inaccessible		---	---	---	---	---	---	---	---	---	---	---	---	51.92	---	---	---	---
MW-3	06/25/2003	---	1,800 b	0.71	<0.50	<0.50	<1.0	---	0.54	<5.0	---	---	<2.0	1.1	---	51.92	24.48	---	27.44	1.3
MW-3	09/25/2003	---	---	---	---	---	---	---	---	---	---	---	---	---	---	51.92	25.99	---	25.93	---
MW-3	12/15/2003	---	---	---	---	---	---	---	---	---	---	---	---	---	---	51.92	24.94	---	26.98	---
MW-3	03/04/2004	---	---	---	---	---	---	---	---	---	---	---	---	---	---	51.92	22.50	---	29.42	---
MW-3	05/27/2004	---	2,500	<0.50	<0.50	<0.50	<1.0	---	1.1	<5.0	---	---	<2.0	0.82	---	51.92	24.94	---	26.98	0.5
MW-3	09/24/2004	---	---	---	---	---	---	---	---	---	---	---	---	---	---	51.92	26.55	---	25.37	---
MW-3	11/22/2004	---	---	---	---	---	---	---	---	---	---	---	---	---	---	51.92	25.92	---	26.00	---
MW-3	03/02/2005	---	---	---	---	---	---	---	---	---	---	---	---	---	---	51.92	22.12	---	29.80	---
MW-3	06/30/2005	---	3,700	<2.0	2.4	<2.0	<4.0	---	<2.0	<20	<8.0	<8.0	<8.0	<2.0	---	51.92	23.31	---	28.61	1.2
MW-3	09/20/2005	---	---	---	---	---	---	---	---	---	---	---	---	---	---	51.92	24.78	---	27.14	---
MW-3	12/05/2005	---	---	---	---	---	---	---	---	---	---	---	---	---	---	51.92	24.65	---	27.27	---
MW-3	03/02/2006	---	---	---	---	---	---	---	---	---	---	---	---	---	---	51.92	22.56	---	29.36	---
MW-3	06/29/2006	Well inaccessible		---	---	---	---	---	---	---	---	---	---	---	---	51.92	---	---	---	---
MW-3	06/30/2006	---	1,580	<0.500	<0.500	<0.500	<0.500	---	<0.500	<10.0	<0.500	<0.500	<0.500	5.95	---	51.92	22.89	---	29.03	0.49
MW-3	07/06/2006	---	---	---	---	---	---	---	---	---	---	---	---	---	---	51.92	22.99	---	28.93	---
MW-3	09/11/2006	---	---	---	---	---	---	---	---	---	---	---	---	---	---	51.92	23.92	---	28.00	---
MW-3	12/28/2006	---	---	---	---	---	---	---	---	---	---	---	---	---	---	51.92	23.68	---	28.24	---
MW-3	03/20/2007	---	---	---	---	---	---	---	---	---	---	---	---	---	---	51.92	23.91	---	28.01	---
MW-3	06/26/2007	---	1,400 j	<0.50	<1.0	<1.0	<1.0	---	<1.0	<10	<2.0	<2.0	<2.0	44	---	51.92	25.10	---	26.82	1.77
MW-3	09/11/2007	---	---	---	---	---	---	---	---	---	---	---	---	---	---	51.92	23.41	---	28.51	---
MW-3	12/26/2007	---	---	---	---	---	---	---	---	---	---	---	---	---	---	51.92	25.15	---	26.77	---
MW-3	03/19/2008	---	---	---	---	---	---	---	---	---	---	---	---	---	---	51.92	23.81	---	28.11	---
MW-3	06/05/2008	---	3,600	<0.50	<1.0	<1.0	<1.0	---	<1.0	<10	<2.0	<2.0	<2.0	33	---	51.92	25.08	---	26.84	0.10
MW-3	09/29/2008	---	---	---	---	---	---	---	---	---	---	---	---	---	---	51.92	26.85	---	25.07	---
MW-3	12/19/2008	---	---	---	---	---	---	---	---	---	---	---	---	---	---	51.92	26.47	---	25.45	---
MW-3	03/10/2009	---	---	---	---	---	---	---	---	---	---	---	---	---	---	51.92	23.13	---	28.79	---
MW-3	06/03/2009	---	2,000	<0.50	<1.0	<1.0	<1.0	---	<1.0	<10	<2.0	<2.0	<2.0	12	---	51.92	25.24	---	26.68	1.11

TABLE 1

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

Well ID	Date	TPHd (µg/L)	TPHg (µg/L)	B (µg/L)	T (µg/L)	E (µg/L)	X (µg/L)	MTBE 8020 (µg/L)	MTBE 8260 (µg/L)	TBA (µg/L)	DIPE (µg/L)	ETBE (µg/L)	TAME (µg/L)	1,2-DCA (µg/L)	EDB (µg/L)	TOC (ft MSL)	Depth to Water (ft TOC)	SPH Thickness (ft)	GW Elevation (ft MSL)	DO Reading (mg/L)
MW-3	09/30/2009	---	---	---	---	---	---	---	---	---	---	---	---	---	---	51.92	27.16	---	24.76	---
MW-3	03/05/2010	---	2,300	<0.50	<1.0	<1.0	<1.0	---	<1.0	<10	<2.0	<2.0	<2.0	9.9	---	51.92	22.54	---	29.38	0.14
MW-3	09/16/2010	---	---	---	---	---	---	---	---	---	---	---	---	---	---	51.92	25.75	---	26.17	---
MW-3	03/18/2011	---	1,800	<0.50	<0.50	<0.50	<1.0	---	1.5	<10	<1.0	<1.0	<1.0	15	---	51.92	23.17	---	28.75	0.48
MW-3	09/27/2011	---	---	---	---	---	---	---	---	---	---	---	---	---	---	51.92	24.81	---	27.11	---
MW-3	**03/09/2012**	**---**	**1,900**	**<1.3**	**<1.3**	**<1.3**	**<2.5**	**---**	**2.3**	**<25**	**<1.3**	**<1.3**	**<1.3**	**55**	**---**	**51.92**	**25.17**	**---**	**26.75**	**0.41**
MW-4	03/24/1995	---	<50	<0.5	<0.5	<0.5	<0.5	---	---	---	---	---	---	---	---	40.51	9.16	---	31.35	---
MW-4	06/26/1995	---	<50	<0.5	<0.5	<0.5	<0.5	---	---	---	---	---	---	---	---	40.51	12.06	---	28.45	---
MW-4	09/13/1995	---	<50	<0.5	<0.5	<0.5	<0.5	---	---	---	---	---	---	---	---	40.51	13.90	---	26.61	---
MW-4	12/19/1995	---	<50	<0.5	<0.5	<0.5	<0.5	---	---	---	---	---	---	---	---	40.51	12.90	---	27.61	---
MW-4	03/06/1996	---	<50	<0.5	<0.5	<0.5	<0.5	---	---	---	---	---	---	---	---	40.51	9.63	---	30.88	---
MW-4	06/28/1996	---	40	<0.5	0.59	0.97	3.8	26	---	---	---	---	---	---	---	40.51	12.30	---	28.21	---
MW-4	09/26/1996	---	<50	<0.5	<0.5	<0.5	<0.5	<2.5	---	---	---	---	---	---	---	40.51	14.12	---	26.39	---
MW-4	12/10/1996	---	<50	<0.5	<0.5	<0.5	<0.5	<2.5	---	---	---	---	---	---	---	40.51	12.31	---	28.20	1.2
MW-4	03/10/1997	---	<50	<0.50	<0.50	<0.50	<0.50	<2.5	---	---	---	---	---	---	---	40.51	11.34	---	29.17	---
MW-4	06/30/1997	---	<50	<0.50	<0.50	<0.50	<0.50	<2.5	---	---	---	---	---	---	---	40.51	13.80	---	26.71	1.9
MW-4	09/12/1997	---	<50	<0.50	<0.50	<0.50	<0.50	<2.5	---	---	---	---	---	---	---	40.51	13.99	---	26.52	1.7
MW-4	12/18/1997	---	---	---	---	---	---	---	---	---	---	---	---	---	---	40.51	12.02	---	28.49	1.8
MW-4	02/02/1998	---	<50	<0.50	<0.50	<0.50	<0.50	<2.5	---	---	---	---	---	---	---	40.51	11.23	---	29.28	1
MW-4	06/24/1998	---	<50	<0.50	<0.50	<0.50	<0.50	<2.5	---	---	---	---	---	---	---	40.51	10.58	---	29.93	1.9
MW-4	08/26/1998	---	<50	<0.50	<0.50	<0.50	<0.50	<2.5	---	---	---	---	---	---	---	40.51	11.75	---	28.76	1.2
MW-4	12/23/1998	---	<50	0.60	<0.50	<0.50	<0.50	<2.5	---	---	---	---	---	---	---	40.51	12.41	---	28.10	4.2
MW-4	03/01/1999	---	<50.0	<0.500	<0.500	<0.500	<0.500	<2.00	---	---	---	---	---	---	---	40.51	10.38	---	30.13	2.1
MW-4	06/14/1999	---	<50.0	<0.500	<0.500	<0.500	<0.500	<2.50	---	---	---	---	---	---	---	40.51	11.91	---	28.60	2.4
MW-4	09/28/1999	---	<50.0	<0.500	<0.500	<0.500	<0.500	<5.00	---	---	---	---	---	---	---	40.51	10.19	---	30.32	2.2
MW-4	12/08/1999	---	<50.0	<0.500	<0.500	<0.500	<0.500	<2.50	---	---	---	---	---	---	---	40.51	10.67	---	29.84	1.8
MW-4	03/14/2000	---	<50.0	<0.500	<0.500	<0.500	<0.500	<2.50	---	---	---	---	---	---	---	40.51	9.95	---	30.56	2.5
MW-4	06/28/2000	---	<50.0	<0.500	<0.500	<0.500	<0.500	<2.50	---	---	---	---	---	---	---	40.51	12.22	---	28.29	0.9
MW-4	09/06/2000	---	---	---	---	---	---	---	---	---	---	---	---	---	---	40.51	13.17	---	27.34	3.0
MW-4	12/14/2000	---	---	---	---	---	---	---	---	---	---	---	---	---	---	40.51	8.65	---	31.86	---
MW-4	03/05/2001	---	---	---	---	---	---	---	---	---	---	---	---	---	---	40.51	11.07	---	29.44	---
MW-4	06/11/2001	---	<50	<0.50	<0.50	<0.50	<0.50	---	<0.50	---	---	---	---	---	---	40.51	13.62	---	26.89	1.3
MW-4	09/12/2001	---	---	---	---	---	---	---	---	---	---	---	---	---	---	40.51	14.61	---	25.90	---
MW-4	12/27/2001	---	---	---	---	---	---	---	---	---	---	---	---	---	---	40.51	12.19	---	28.32	---
MW-4	02/27/2002	---	---	---	---	---	---	---	---	---	---	---	---	---	---	40.45	11.64	---	28.81	---
MW-4	06/18/2002	---	<50	<0.50	<0.50	<0.50	<0.50	---	<0.50	---	---	---	---	---	---	40.45	13.22	---	27.23	0.6
MW-4	09/18/2002	---	---	---	---	---	---	---	---	---	---	---	---	---	---	40.45	14.46	---	25.99	---

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

Well ID	Date	TPHd (µg/L)	TPHg (µg/L)	B (µg/L)	T (µg/L)	E (µg/L)	X (µg/L)	MTBE 8020 (µg/L)	MTBE 8260 (µg/L)	TBA (µg/L)	DIPE (µg/L)	ETBE (µg/L)	TAME (µg/L)	1,2-DCA (µg/L)	EDB (µg/L)	TOC (ft MSL)	Depth to Water (ft TOC)	SPH Thickness (ft)	GW Elevation (ft MSL)	DO Reading (mg/L)
MW-4	12/27/2002	---	---	---	---	---	---	---	---	---	---	---	---	---	---	40.45	11.23	---	29.22	---
MW-4	03/05/2003	---	---	---	---	---	---	---	---	---	---	---	---	---	---	40.45	12.22	---	28.23	---
MW-4	06/24/2003	---	57 b	<0.50	<0.50	<0.50	<1.0	---	12	---	---	---	---	---	---	40.45	12.79	---	27.66	1.6
MW-4	09/25/2003	---	---	---	---	---	---	---	---	---	---	---	---	---	---	40.45	14.45	---	26.00	---
MW-4	12/15/2003	---	---	---	---	---	---	---	---	---	---	---	---	---	---	40.45	13.24	---	27.21	---
MW-4	03/04/2004	---	---	---	---	---	---	---	---	---	---	---	---	---	---	40.45	10.93	---	29.52	---
MW-4	05/27/2004	---	<50	<0.50	<0.50	<0.50	<1.0	---	<0.50	---	---	---	---	---	---	40.45	13.42	---	27.03	0.5
MW-4	09/24/2004	---	---	---	---	---	---	---	---	---	---	---	---	---	---	40.45	15.11	---	25.34	---
MW-4	11/22/2004	---	---	---	---	---	---	---	---	---	---	---	---	---	---	40.45	14.42	---	26.03	---
MW-4	03/02/2005	---	---	---	---	---	---	---	---	---	---	---	---	---	---	40.45	10.17	---	30.28	---
MW-4	06/30/2005	---	<50 c	<0.50	<0.50	<0.50	<1.0	---	<0.50	<5.0	<2.0	<2.0	<2.0	---	---	40.45	11.60	---	28.85	0.8
MW-4	09/20/2005	---	---	---	---	---	---	---	---	---	---	---	---	---	---	40.45	13.18	---	27.27	---
MW-4	12/05/2005	---	---	---	---	---	---	---	---	---	---	---	---	---	---	40.45	13.08	---	27.37	---
MW-4	03/02/2006	---	---	---	---	---	---	---	---	---	---	---	---	---	---	40.45	10.62	---	29.83	---
MW-4	06/29/2006	Well inaccessible		---	---	---	---	---	---	---	---	---	---	---	---	40.45	---	---	---	---
MW-4	06/30/2006	---	<50.0	<0.500	<0.500	<0.500	<0.500	---	<0.500	<10.0	<0.500	<0.500	<0.500	---	---	40.45	11.20	---	29.25	0.44
MW-4	07/06/2006	---	---	---	---	---	---	---	---	---	---	---	---	---	---	40.45	11.22	---	29.23	---
MW-4	09/11/2006	---	---	---	---	---	---	---	---	---	---	---	---	---	---	40.45	12.29	---	28.16	---
MW-4	12/28/2006	---	---	---	---	---	---	---	---	---	---	---	---	---	---	40.45	11.71	---	28.74	---
MW-4	03/20/2007	---	---	---	---	---	---	---	---	---	---	---	---	---	---	40.45	11.99	---	28.46	---
MW-4	06/26/2007	---	59 j	<0.50	<1.0	<1.0	<1.0	---	<1.0	<10	<2.0	<2.0	<2.0	---	---	40.45	13.60	---	26.85	3.69
MW-4	09/11/2007	---	---	---	---	---	---	---	---	---	---	---	---	---	---	40.45	11.61	---	28.84	---
MW-4	12/26/2007	---	---	---	---	---	---	---	---	---	---	---	---	---	---	40.45	13.72	---	26.73	---
MW-4	03/19/2008	---	---	---	---	---	---	---	---	---	---	---	---	---	---	40.45	12.19	---	28.26	---
MW-4	06/05/2008	---	<50	<0.50	<1.0	<1.0	<1.0	---	<1.0	<10	<2.0	<2.0	<2.0	---	---	40.45	13.62	---	26.83	0.09
MW-4	09/29/2008	---	---	---	---	---	---	---	---	---	---	---	---	---	---	40.45	15.55	---	24.90	---
MW-4	12/19/2008	---	---	---	---	---	---	---	---	---	---	---	---	---	---	40.45	15.03	---	25.42	---
MW-4	03/10/2009	---	---	---	---	---	---	---	---	---	---	---	---	---	---	40.45	11.55	---	28.90	---
MW-4	06/03/2009	---	<50	<0.50	<1.0	<1.0	<1.0	---	<1.0	<10	<2.0	<2.0	<2.0	---	---	40.45	13.78	---	26.67	0.05
MW-4	09/30/2009	---	---	---	---	---	---	---	---	---	---	---	---	---	---	40.45	15.76	---	24.69	---
MW-4	03/05/2010	---	<50	<0.50	<1.0	<1.0	<1.0	---	<1.0	<10	<2.0	<2.0	<2.0	---	---	40.45	10.85	---	29.60	0.25
MW-4	09/16/2010	---	---	---	---	---	---	---	---	---	---	---	---	---	---	40.45	14.10	---	26.35	---
MW-4	03/18/2011	---	<50	<0.50	<0.50	<0.50	<1.0	---	<1.0	<10	<1.0	<1.0	<1.0	---	---	40.45	11.08	---	29.37	0.89
MW-4	09/27/2011	---	---	---	---	---	---	---	---	---	---	---	---	---	---	40.45	13.20	---	27.25	---
MW-4	**03/09/2012**	**---**	**<50**	**<0.50**	**<0.50**	**<0.50**	**<1.0**	**---**	**<0.50**	**<10**	**<0.50**	**<0.50**	**<0.50**	**---**	**---**	**40.45**	**13.64**	**---**	**26.81**	**0.12**
MW-5	01/29/2002	---	---	---	---	---	---	---	---	---	---	---	---	---	---	41.46	12.82	---	28.64	---
MW-5	02/27/2002	---	190	<0.50	<0.50	0.85	1.5	---	<5.0	---	---	---	---	---	---	41.46	12.85	---	28.61	1.9

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

Well ID	Date	TPHd (µg/L)	TPHg (µg/L)	B (µg/L)	T (µg/L)	E (µg/L)	X (µg/L)	MTBE 8020 (µg/L)	MTBE 8260 (µg/L)	TBA (µg/L)	DIPE (µg/L)	ETBE (µg/L)	TAME (µg/L)	1,2-DCA (µg/L)	EDB (µg/L)	TOC (ft MSL)	Depth to Water (ft TOC)	SPH Thickness (ft)	GW Elevation (ft MSL)	DO Reading (mg/L)
MW-5	06/18/2002	---	650	1.4	3.0	52	28	---	<0.50	---	---	---	---	---	---	41.46	13.65	---	27.81	0.8
MW-5	09/18/2002	---	390	0.72	0.51	<0.50	<0.50	---	<5.0	---	---	---	---	---	---	41.46	15.57	---	25.89	1.1
MW-5	12/27/2002	---	380	<0.50	<0.50	0.56	<0.50	---	<0.50	<50	<2.0	<2.0	<2.0	<2.0	<2.0	41.46	12.51	---	28.95	1.9
MW-5	03/05/2003	---	290	<0.50	1.7	9.4	22	---	<5.0	---	---	---	---	---	---	41.46	13.39	---	28.07	2.6
MW-5	06/24/2003	---	220	<0.50	1.0	19	1.3	---	<0.50	---	---	---	---	---	---	41.46	13.91	---	27.55	1.7
MW-5	09/25/2003	---	<50	<0.50	<0.50	<0.50	<1.0	---	<0.50	---	---	---	---	---	---	41.46	15.58	---	25.88	2.1
MW-5	12/15/2003	---	200 b	<0.50	<0.50	<0.50	<1.0	---	<0.50	---	---	---	---	---	---	41.46	14.45	---	27.01	0.21
MW-5	03/04/2004	---	170 b	<0.50	<0.50	<0.50	<1.0	---	<0.50	---	---	---	---	---	---	41.46	12.52	---	28.94	0.1
MW-5	05/27/2004	---	<50	<0.50	<0.50	<0.50	<1.0	---	<0.50	---	---	---	---	---	---	41.46	14.49	---	26.97	0.5
MW-5	09/24/2004	---	<50	0.71	<0.50	<0.50	<1.0	---	<0.50	<5.0	<2.0	<2.0	<2.0	---	---	41.46	16.08	---	25.38	1.7
MW-5	11/22/2004	---	<50 c	<0.50	<0.50	<0.50	<1.0	---	<0.50	---	---	---	---	---	---	41.46	15.48	---	25.98	0.3
MW-5	03/02/2005	---	190	<0.50	<1.0	<1.0	<1.0	---	<1.0	<10	---	---	<2.0	<0.50	---	41.46	11.52	---	29.94	0.4
MW-5	06/30/2005	---	3,200	<5.0	25	200	270	---	<5.0	---	---	---	---	---	---	41.46	12.33	---	29.13	0.9
MW-5	09/20/2005	---	310	<0.50	1.3	47	2.5	---	<0.50	<5.0	<2.0	<2.0	<2.0	---	---	41.46	14.36	---	27.10	0.5
MW-5	12/05/2005	---	250	<0.50	0.94	26	<0.50	---	<0.50	---	---	---	---	---	---	41.46	14.25	---	27.21	0.58
MW-5	03/02/2006	---	3,000 f	<0.50	17	230 f	390 f	---	<0.50	---	---	---	---	---	---	41.46	11.87	---	29.59	0.7
MW-5	06/29/2006	Well inaccessible		---	---	---	---	---	---	---	---	---	---	---	---	41.46	---	---	---	---
MW-5	06/30/2006	---	729	<0.500	1.00	43.2	21.7	---	<0.500	---	---	---	---	---	---	41.46	12.49	---	28.97	0.67
MW-5	07/06/2006	---	---	---	---	---	---	---	---	---	---	---	---	---	---	41.46	12.58	---	28.88	---
MW-5	09/11/2006	---	<50.0	<0.500	<0.500	<0.500	1.29	---	<0.500	<10.0	<0.500	<0.500	<0.500	---	---	41.46	13.54	---	27.92	0.78
MW-5	12/28/2006	---	330	<0.50	<0.50	8.6	<1.0	---	<0.50	---	---	---	---	---	---	41.46	13.25	---	28.21	0.59
MW-5	03/20/2007	---	358	<0.500	<0.500	<0.500	<1.00	---	<0.500	---	---	---	---	---	---	41.46	13.28	---	28.18	0.11
MW-5	06/26/2007	---	120 j	<0.50	<1.0	<1.0	<1.0	---	<1.0	---	---	---	---	---	---	41.46	14.68	---	26.78	4.72
MW-5	09/11/2007	---	<50 j	0.19 k	<1.0	<1.0	<1.0	---	<1.0	<10	<2.0	<2.0	<2.0	---	---	41.46	15.57	---	25.89	0.84
MW-5	12/26/2007	---	110 j, l	<0.50	<1.0	<1.0	<1.0	---	<1.0	---	---	---	---	---	---	41.46	14.76	---	26.70	0.8
MW-5	03/19/2008	---	2,000	<0.50	<1.0	<1.0	<1.0	---	<1.0	---	---	---	---	---	---	41.46	13.34	---	28.12	0.31
MW-5	06/05/2008	---	2,000	<0.50	<1.0	<1.0	<1.0	---	<1.0	---	---	---	---	---	---	41.46	14.63	---	26.83	0.10
MW-5	09/29/2008	---	830	<0.50	<1.0	<1.0	<1.0	---	<1.0	<10	<2.0	<2.0	<2.0	---	---	41.46	16.45	---	25.01	1.13
MW-5	12/19/2008	---	58	<0.50	<1.0	<1.0	<1.0	---	<1.0	---	---	---	---	---	---	41.46	16.04	---	25.42	0.62
MW-5	03/10/2009	---	820	<0.50	<1.0	13	10	---	<1.0	---	---	---	---	---	---	41.46	12.77	---	28.69	0.37
MW-5	06/03/2009	---	1,300	<0.50	1.1	68	94	---	<1.0	---	---	---	---	---	---	41.46	14.83	---	26.63	0.86
MW-5	09/30/2009	---	1,500	<0.50	<1.0	<1.0	<1.0	---	<1.0	<10	<2.0	<2.0	<2.0	---	---	41.46	16.72	---	24.74	0.14
MW-5	03/05/2010	---	190	<0.50	<1.0	<1.0	<1.0	---	<1.0	---	---	---	---	---	---	41.46	11.96	---	29.50	0.28
MW-5	09/16/2010	---	700	<0.50	<1.0	<1.0	<1.0	---	<1.0	<10	<2.0	<2.0	<2.0	---	---	41.46	15.24	---	26.22	0.47
MW-5	03/18/2011	---	230	<0.50	<0.50	<0.50	<1.0	---	<1.0	---	---	---	---	---	---	41.46	12.41	---	29.05	0.58
MW-5	09/27/2011	---	<50	<0.50	<0.50	<0.50	<1.0	---	<1.0	<10	<1.0	<1.0	<1.0	---	---	41.46	14.40	---	27.06	0.34
MW-5	**03/09/2012**	**---**	**910**	**<0.50**	**<0.50**	**<0.50**	**<1.0**	**---**	**<0.50**	**---**	**---**	**---**	**---**	**---**	**---**	**41.46**	**14.77**	**---**	**26.69**	**0.22**

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	01/29/2002	---	---	---	---	---	---	---	---	---	---	---	---	---	---	41.50	3.88	---	37.62	---
MW-6	01/31/2002	---	---	---	---	---	---	---	---	---	---	---	---	---	---	41.50	12.43	---	29.07	---
MW-6	02/27/2002	---	<50	<0.50	<0.50	<0.50	<0.50	---	<5.0	---	---	---	---	---	---	41.50	12.82	---	28.68	4.1
MW-6	06/18/2002	---	<50	<0.50	<0.50	<0.50	<0.50	---	<0.50	---	---	---	---	---	---	41.50	4.26	---	37.24	3.9
MW-6	09/18/2002	---	<50	<0.50	<0.50	<0.50	<0.50	---	<5.0	---	---	---	---	---	---	41.50	5.26	---	36.24	4.2
MW-6	12/27/2002	---	<50	<0.50	<0.50	<0.50	<0.50	---	<0.50	<50	<2.0	<2.0	<2.0	<2.0	<2.0	41.50	12.11	---	29.39	3.0
MW-6	03/05/2003	---	<50	<0.50	<0.50	<0.50	<0.50	---	<5.0	---	---	---	---	---	---	41.50	13.47	---	28.03	4.9
MW-6	06/24/2003	---	<50	<0.50	<0.50	<0.50	<1.0	---	<0.50	---	---	---	---	---	---	41.50	13.71	---	27.79	5.8
MW-6	09/25/2003	Well inaccessible		---	---	---	---	---	---	---	---	---	---	---	---	41.50	---	---	---	---
MW-6	12/15/2003	---	<50	<0.50	<0.50	<0.50	<1.0	---	<0.50	---	---	---	---	---	---	41.50	13.17	---	28.33	5.7
MW-6	03/04/2004	---	<50	<0.50	<0.50	<0.50	<1.0	---	<0.50	---	---	---	---	---	---	41.50	11.15	---	30.35	1.0
MW-6	05/27/2004	---	<50	0.50	<0.50	<0.50	<1.0	---	<0.50	---	---	---	---	---	---	41.50	13.68	---	27.82	1.0
MW-6	09/24/2004	---	<50	<0.50	<0.50	<0.50	<1.0	---	<0.50	---	---	---	---	---	---	41.50	10.71	---	30.79	3.1
MW-6	11/22/2004	---	<50 c	0.65	<0.50	<0.50	<1.0	---	<0.50	---	---	---	---	---	---	41.50	7.60	---	33.90	6.5
MW-6	03/02/2005	---	<100	<0.50	<1.0	<1.0	<1.0	---	<1.0	<10	---	---	<2.0	<0.50	---	41.50	6.77	---	34.73	6.2
MW-6	06/30/2005	---	<50	<0.50	<0.50	<0.50	<1.0	---	<0.50	---	---	---	---	---	---	41.50	12.87	---	28.63	1.2
MW-6	09/20/2005	---	<50	<0.50	<0.50	<0.50	<1.0	---	<0.50	---	---	---	---	---	---	41.50	14.16	---	27.34	5.5
MW-6	12/05/2005	---	<50	<0.50	<0.50	<0.50	<0.50	---	<0.50	---	---	---	---	---	---	41.50	14.23	---	27.27	2.40
MW-6	03/02/2006	---	58 g	<0.50	<0.50	0.73	1.5	---	<0.50	---	---	---	---	---	---	41.50	11.40	---	30.10	1.2
MW-6	06/29/2006	---	---	---	---	---	---	---	---	---	---	---	---	---	---	41.50	12.49	---	29.01	0.41
MW-6	06/30/2006	---	---	---	---	---	---	---	---	---	---	---	---	---	---	41.50	12.35	---	29.15	---
MW-6	07/06/2006	---	<50.0	<0.500	<0.500	<0.500	<0.500	---	<0.500	---	---	---	---	---	---	41.50	12.66	---	28.84	0.30
MW-6	09/11/2006	---	<50.0	<0.500	<0.500	<0.500	0.530	---	<0.500	---	---	---	---	---	---	41.50	13.33	---	28.17	1.16
MW-6	12/28/2006	---	<50	<0.50	<0.50	<0.50	<1.0	---	<0.50	---	---	---	---	---	---	41.50	13.15	---	28.35	1.0
MW-6	03/20/2007	---	<50.0	<0.500	<0.500	<0.500	<1.00	---	<0.500	---	---	---	---	---	---	41.50	13.24	---	28.26	5.60
MW-6	06/26/2007	---	60 j	<0.50	<1.0	<1.0	<1.0	---	<1.0	---	---	---	---	---	---	41.50	14.60	---	26.90	5.46
MW-6	09/11/2007	---	<50 j	<0.50	<1.0	<1.0	<1.0	---	<1.0	---	---	---	---	---	---	41.50	15.39	---	26.11	1.16
MW-6	12/26/2007	---	<50 j	0.27 k	<1.0	<1.0	<1.0	---	<1.0	---	---	---	---	---	---	41.50	14.69	---	26.81	3.1
MW-6	03/19/2008	---	1,500	<0.50	<1.0	<1.0	<1.0	---	<1.0	---	---	---	---	---	---	41.50	12.93	---	28.57	0.30
MW-6	06/05/2008	---	<50	<0.50	<1.0	<1.0	<1.0	---	<1.0	---	---	---	---	---	---	41.50	14.61	---	26.89	0.09
MW-6	09/29/2008	---	<50	<0.50	<1.0	<1.0	<1.0	---	<1.0	---	---	---	---	---	---	41.50	15.62	---	25.88	2.26
MW-6	12/19/2008	---	<50	<0.50	<1.0	<1.0	<1.0	---	<1.0	---	---	---	---	---	---	41.50	14.45	---	27.05	1.82
MW-6	03/10/2009	---	76	<0.50	<1.0	<1.0	<1.0	---	<1.0	---	---	---	---	---	---	41.50	11.58	---	29.92	0.57
MW-6	06/03/2009	---	<50	<0.50	<1.0	<1.0	<1.0	---	<1.0	---	---	---	---	---	---	41.50	14.19	---	27.31	2.25
MW-6	09/30/2009	---	<50	<0.50	<1.0	<1.0	<1.0	---	<1.0	---	---	---	---	---	---	41.50	14.95	---	26.55	0.32
MW-6	03/05/2010	---	57	<0.50	<1.0	<1.0	<1.0	---	<1.0	---	---	---	---	---	---	41.50	10.98	---	30.52	1.12
MW-6	09/16/2010	---	<50	<0.50	<1.0	<1.0	<1.0	---	<1.0	---	---	---	---	---	---	41.50	15.00	---	26.50	3.65
MW-6	03/18/2011	---	<50	<0.50	<0.50	<0.50	<1.0	---	<1.0	---	---	---	---	---	---	41.50	12.04	---	29.46	2.01

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

Well ID	Date	TPHd (µg/L)	TPHg (µg/L)	B (µg/L)	T (µg/L)	E (µg/L)	X (µg/L)	MTBE 8020 (µg/L)	MTBE 8260 (µg/L)	TBA (µg/L)	DIPE (µg/L)	ETBE (µg/L)	TAME (µg/L)	1,2-DCA (µg/L)	EDB (µg/L)	TOC (ft MSL)	Depth to Water (ft TOC)	SPH Thickness (ft)	GW Elevation (ft MSL)	DO Reading (mg/L)
MW-6	09/27/2011	---	<50	<0.50	<0.50	<0.50	<1.0	---	<1.0	---	---	---	---	---	---	41.50	14.51	---	26.99	0.54
MW-6	**03/09/2012**	**---**	**<50**	**<0.50**	**<0.50**	**<0.50**	**<1.0**	**---**	**<0.50**	**---**	**---**	**---**	**---**	**---**	**---**	**41.50**	**14.78**	**---**	**26.72**	**2.04**
MW-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	03/05/2003	---	32,000	370	490	1,600	2,900	---	<100	---	---	---	---	---	---	44.45	16.34	---	28.11	2.6
MW-7	06/24/2003	Well inaccessible		---	---	---	---	---	---	---	---	---	---	---	---	44.45	---	---	---	---
MW-7	09/25/2003	---	8,700	57	34	450	290	---	<5.0	---	---	---	---	---	---	44.45	18.36	---	26.09	1.2
MW-7	12/15/2003	---	27,000	170	260	1,200	1,500	---	<10	---	---	---	---	---	---	44.45	17.44	---	27.01	1.3
MW-7	03/04/2004	---	13,000	200	190	1,200	1,200	---	<5.0	---	---	---	---	---	---	44.45	15.45	---	29.00	0.1
MW-7	05/27/2004	---	16,000	76	56	860	420	---	<5.0	---	---	---	---	---	---	44.45	17.50	---	26.95	0.5
MW-7	09/24/2004	---	8,400	26	14	340	200	---	<5.0	<50	<20	<20	<20	---	---	44.45	18.94	---	25.51	1.1
MW-7	11/22/2004	---	14,000	92	60	790	730	---	<5.0	---	---	---	---	---	---	44.45	18.47	---	25.98	0.2
MW-7	03/02/2005	---	13,000	130	140	740	980	---	<10	<100	---	---	<20	<5.0	---	44.45	14.53	---	29.92	0.7
MW-7	06/30/2005	---	9,900	27	48	380	520	---	<10	---	---	---	---	---	---	44.45	15.92	---	28.53	0.9
MW-7	09/20/2005	---	7,700	30	53	380	570	---	<5.0	<50	36	<20	<20	---	---	44.45	17.28	---	27.17	1.4
MW-7	12/05/2005	---	2,900	20	<2.5	270	19	---	<2.5	---	---	---	---	---	---	44.45	17.40	---	27.05	0.56
MW-7	03/02/2006	---	3,900 f	27	31	240 f	190	---	1.1	---	---	---	---	---	---	44.45	15.00	---	29.45	0.9
MW-7	06/29/2006	Well inaccessible		---	---	---	---	---	---	---	---	---	---	---	---	44.45	---	---	---	---
MW-7	06/30/2006	---	10,800	13.8	49.4	474	640	---	<0.500	---	---	---	---	---	---	44.45	15.35	---	29.10	0.54
MW-7	07/06/2006	---	---	---	---	---	---	---	---	---	---	---	---	---	---	44.45	15.41	---	29.04	---
MW-7	09/11/2006	---	7,210	4.38	3.96	188	91.6	---	<0.500	<10.0	<0.500	<0.500	<0.500	---	---	44.45	16.33	---	28.12	0.82
MW-7	12/28/2006	---	3,100	4.8	5.2	190	160	---	<1.0	---	---	---	---	---	---	44.45	16.22	---	28.23	0.78
MW-7	03/20/2007	---	5,960	11.3	20.6	223	291	---	<0.500	---	---	---	---	---	---	44.45	16.26	---	28.19	1.10
MW-7	06/26/2007	---	7,900 j	5.3	15	410	459	---	<5.0	---	---	---	---	---	---	44.45	17.60	---	26.85	0.83
MW-7	09/11/2007	---	4,100 j	1.9	0.66 k	130	25.6	---	<1.0	<10	0.42 k	<2.0	<2.0	---	---	44.45	18.63	---	25.82	0.97
MW-7	12/26/2007	---	6,100 j	5.9	7.6	290	348	---	<5.0	---	---	---	---	---	---	44.45	17.72	---	26.73	1.3
MW-7	03/19/2008	---	2,700	5.0	2.4	110	97.9	---	<1.0	---	---	---	---	---	---	44.45	16.36	---	28.09	0.47
MW-7	06/05/2008	---	6,400	3.8	<5.0	220	253	---	<5.0	---	---	---	---	---	---	44.45	17.65	---	26.80	0.09
MW-7	09/29/2008	---	2,500	1.6	<1.0	40	8.1	---	<1.0	<10	<2.0	<2.0	<2.0	---	---	44.45	19.40	---	25.05	1.26
MW-7	12/19/2008	---	5,600	5.4	<5.0	110	97.0	---	<5.0	---	---	---	---	---	---	44.45	19.17	---	25.28	2.11
MW-7	03/10/2009	---	3,400	22	<5.0	94	92	---	<5.0	---	---	---	---	---	---	44.45	16.21	---	28.24	1.85
MW-7	06/03/2009	---	3,500	6.3	1.5	71	78	---	<1.0	---	---	---	---	---	---	44.45	17.75	---	26.70	0.62
MW-7	09/30/2009	---	7,900	5.1	1.2	84	98	---	<1.0	<10	<2.0	<2.0	<2.0	---	---	44.45	19.64	---	24.81	0.15
MW-7	03/05/2010	---	3,800	12	2.0	66	100	---	<1.0	---	---	---	---	---	---	44.45	15.37	---	29.08	0.26
MW-7	09/16/2010	---	2,900	3.2	1.5	70	120	---	<1.0	<10	<2.0	<2.0	<2.0	---	---	44.45	18.28	---	26.17	0.45
MW-7	03/18/2011	Well inaccessible		---	---	---	---	---	---	---	---	---	---	---	---	44.45	---	---	---	---
MW-7	03/31/2011	---	2,600	4.4	1.4	55	100		<1.0	---	---	---	---	---	---	44.45	14.95	---	29.50	2.99

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	09/27/2011	---	2,900	1.2	1.0	53	100	---	<1.0	<10	<1.0	<1.0	<1.0	---	---	44.45	17.30	---	27.15	1.55
MW-7	**03/09/2012**	**---**	**2,900**	**<0.50**	**1.3**	**46**	**100**	**---**	**<0.50**	**---**	**---**	**---**	**---**	**---**	**---**	**44.45**	**17.68**	**---**	**26.77**	**0.17**
MW-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	03/05/2003	---	30,000	220	150	2,100	4,200	---	<100	---	---	---	---	---	---	43.27	15.36	---	27.91	1.3
MW-8	06/24/2003	Well inaccessible		---	---	---	---	---	---	---	---	---	---	---	---	43.27	---	---	---	---
MW-8	09/25/2003	---	26,000	240	53	1,600	2,600	---	<50	---	---	---	---	---	---	43.27	17.43	---	25.84	1.0
MW-8	12/15/2003	---	38,000	290	140	2,200	5,200	---	<13	---	---	---	---	---	---	43.27	16.24	---	27.03	0.4
MW-8	03/04/2004	---	19,000	180	95	1,400	3,900	---	<13	---	---	---	---	---	---	43.27	14.63	---	28.64	0.1
MW-8	05/27/2004	---	19,000	230	41	1,100	2,200	---	<13	---	---	---	---	---	---	43.27	16.41	---	26.86	0.5
MW-8	09/24/2004	---	21,000	270	42	1,200	2,600	---	<13	<130	<50	<50	<50	---	---	43.27	18.10	---	25.17	0.7
MW-8	11/22/2004	---	24,000	200	64	1,400	4,100	---	<13	---	---	---	---	---	---	43.27	17.28	---	25.99	1.0
MW-8	03/02/2005	---	16,000	100	44	890	2,300	---	<10	<100	---	---	<20	<5.0	---	43.27	13.35	---	29.92	0.6
MW-8	06/30/2005	---	19,000	110	41	700	2,100	---	<10	---	---	---	---	---	---	43.27	14.91	---	28.36	0.8
MW-8	09/20/2005	---	10,000	86	25	600	1,400	---	<10	<100	<40	<40	<40	---	---	43.27	16.11	---	27.16	0.8
MW-8	12/05/2005	---	9,900	130	16	600	1,300	---	<10	---	---	---	---	---	---	43.27	16.20	---	27.07	0.56
MW-8	03/02/2006	---	13,000 f	130 f	45	790 f	2,000 f	---	0.54	---	---	---	---	---	---	43.27	14.28	---	28.99	1.1
MW-8	06/29/2006	Well inaccessible		---	---	---	---	---	---	---	---	---	---	---	---	43.27	---	---	---	---
MW-8	06/30/2006	---	14,900	71.8	14.1	622	1,390	---	<0.500	---	---	---	---	---	---	43.27	14.18	---	29.09	0.50
MW-8	07/06/2006	---	---	---	---	---	---	---	---	---	---	---	---	---	---	43.27	14.39	---	28.88	---
MW-8	09/11/2006	---	18,700	94.2	11.2	683	1,280	---	<0.500	<10.0	<0.500	<0.500	<0.500	---	---	43.27	15.10	---	28.17	0.92
MW-8	12/28/2006	---	9,000	54	7.1	430	980	---	<2.5	---	---	---	---	---	---	43.27	15.15	---	28.12	0.93
MW-8	03/20/2007	---	7,780	40.4	9.21	230	499	---	0.840	---	---	---	---	---	---	43.27	15.01	---	28.26	0.11
MW-8	06/26/2007	---	7,500 j	36	5.5	360	860	---	<5.0	---	---	---	---	---	---	43.27	16.40	---	26.87	0.59
MW-8	09/11/2007	---	10,000 j	55	7.0	420	1,140	---	<5.0	<50	<10	<10	<10	---	---	43.27	17.42	---	25.85	1.07
MW-8	12/26/2007	---	10,000 j	54	12 k	490	1,740	---	<20	---	---	---	---	---	---	43.27	16.61	---	26.66	1.4
MW-8	03/19/2008	---	5,800	20	<5.0	200	600	---	<5.0	---	---	---	---	---	---	43.27	15.30	---	27.97	0.24
MW-8	06/05/2008	---	7,600	27	<5.0	240	750	---	<5.0	---	---	---	---	---	---	43.27	16.53	---	26.74	0.10
MW-8	09/29/2008	---	5,600	47	<5.0	120	287	---	<5.0	<50	<10	<10	<10	---	---	43.27	18.13	---	25.14	1.04
MW-8	12/19/2008	---	6,900	40	<5.0	110	374	---	<5.0	---	---	---	---	---	---	43.27	18.01	---	25.26	0.74
MW-8	03/10/2009	---	7,400	38	<5.0	210	780	---	<5.0	---	---	---	---	---	---	43.27	15.45	---	27.82	2.40
MW-8	06/03/2009	---	6,400	24	<5.0	210	840	---	<5.0	---	---	---	---	---	---	43.27	16.64	---	26.63	0.84
MW-8	09/30/2009	---	9,200	42	<5.0	120	460	---	<5.0	<50	<10	<10	<10	---	---	43.27	18.20	---	25.07	0.09
MW-8	03/05/2010	---	6,600	15	2.7	100	440	---	<1.0	---	---	---	---	---	---	43.27	15.22	---	28.05	0.36
MW-8	09/16/2010	---	5,900	22	4.0	130	570	---	<2.0	<20	<4.0	<4.0	<4.0	---	---	43.27	16.98	---	26.29	0.26
MW-8	03/18/2011	Well inaccessible		---	---	---	---	---	---	---	---	---	---	---	---	43.27	---	---	---	---
MW-8	03/31/2011	---	4,900	13	3.8	130	520	---	<4.0	---	---	---	---	---	---	43.27	13.61	---	29.66	2.88

TABLE 1

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

Well ID	Date	TPHd (µg/L)	TPHg (µg/L)	B (µg/L)	T (µg/L)	E (µg/L)	X (µg/L)	MTBE 8020 (µg/L)	MTBE 8260 (µg/L)	TBA (µg/L)	DIPE (µg/L)	ETBE (µg/L)	TAME (µg/L)	1,2-DCA (µg/L)	EDB (µg/L)	TOC (ft MSL)	Depth to Water (ft TOC)	SPH Thickness (ft)	GW Elevation (ft MSL)	DO Reading (mg/L)
MW-8	09/27/2011	---	5,300	<2.5	<2.5	100	440	---	<5.0	<50	<5.0	<5.0	<5.0	---	---	43.27	15.68	---	27.59	1.20
MW-8	**03/09/2012**	**---**	**6,400**	**38**	**13**	**180**	**820**	**---**	**<2.5**	**---**	**---**	**---**	**---**	**---**	**---**	**43.27**	**16.60**	**---**	**26.67**	**0.16**
MW-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	03/04/2004	---	<50	<0.50	<0.50	<0.50	<1.0	---	<0.50	---	---	---	---	---	---	41.65	12.15	---	29.50	0.2
MW-9	05/27/2004	---	<50	<0.50	<0.50	<0.50	<1.0	---	<0.50	---	---	---	---	---	---	41.65	14.55	---	27.10	0.5
MW-9	09/24/2004	---	<50	<0.50	<0.50	<0.50	<1.0	---	<0.50	<5.0	<2.0	<2.0	<2.0	---	---	41.65	16.37	---	25.28	1.0
MW-9	11/22/2004	---	<50 c	<0.50	<0.50	<0.50	<1.0	---	<0.50	---	---	---	---	---	---	41.65	15.62	---	26.03	0.3
MW-9	03/02/2005	---	100	<0.50	<1.0	1.4	3.8	---	<1.0	<10	---	---	<2.0	<0.50	---	41.65	11.40	---	30.25	0.4
MW-9	06/30/2005	---	<50	<0.50	<0.50	<0.50	<1.0	---	<0.50	---	---	---	---	---	---	41.65	12.70	---	28.95	1.3
MW-9	09/20/2005	---	<50	<0.50	<0.50	<0.50	1.8	---	<0.50	<5.0	<2.0	<2.0	<2.0	---	---	41.65	14.38	---	27.27	1.2
MW-9	12/05/2005	---	<50	<0.50	<0.50	<0.50	0.65	---	<0.50	---	---	---	---	---	---	41.65	14.25	---	27.40	1.13
MW-9	03/02/2006	---	<50 f	<0.50	<0.50	<0.50 f	<0.50 f	---	<0.50	---	---	---	---	---	---	41.65	11.87	---	29.78	0.9
MW-9	06/29/2006	---	---	---	---	---	---	---	---	---	---	---	---	---	---	41.65	12.35	---	29.30	0.55
MW-9	06/30/2006	---	---	---	---	---	---	---	---	---	---	---	---	---	---	41.65	12.37	---	29.28	---
MW-9	07/06/2006	---	<50.0	<0.500	<0.500	<0.500	<0.500	---	<0.500	---	---	---	---	---	---	41.65	12.46	---	29.19	0.58
MW-9	09/11/2006	---	<50.0	<0.500	<0.500	<0.500	<0.500	---	<0.500	<10.0	<0.500	<0.500	<0.500	---	---	41.65	13.42	---	28.23	0.79
MW-9	12/28/2006	---	<50	<0.50	<0.50	<0.50	<1.0	---	<0.50	---	---	---	---	---	---	41.65	13.23	---	28.42	0.73
MW-9	03/20/2007	---	<50.0	<0.500	<0.500	<0.500	<1.00	---	<0.500	---	---	---	---	---	---	41.65	13.35	---	28.30	1.20
MW-9	06/26/2007	---	86 j	<0.50	<1.0	<1.0	<1.0	---	<1.0	---	---	---	---	---	---	41.65	14.80	---	26.85	0.91
MW-9	09/11/2007	---	<50 j	0.15 k	<1.0	<1.0	<1.0	---	<1.0	<10	<2.0	<2.0	<2.0	---	---	41.65	15.70	---	25.95	1.04
MW-9	12/26/2007	---	<50 j	<0.50	<1.0	<1.0	<1.0	---	<1.0	---	---	---	---	---	---	41.65	14.86	---	26.79	2.0
MW-9	03/19/2008	---	<50	<0.50	<1.0	<1.0	<1.0	---	<1.0	---	---	---	---	---	---	41.65	13.39	---	28.26	0.27
MW-9	06/05/2008	---	<50	<0.50	<1.0	<1.0	<1.0	---	<1.0	---	---	---	---	---	---	41.65	14.77	---	26.88	1.34
MW-9	09/29/2008	---	<50	<0.50	<1.0	<1.0	<1.0	---	<1.0	<10	<2.0	<2.0	<2.0	---	---	41.65	16.62	---	25.03	1.10
MW-9	12/19/2008	---	<50	<0.50	<1.0	<1.0	<1.0	---	<1.0	---	---	---	---	---	---	41.65	16.26	---	25.39	0.66
MW-9	03/10/2009	---	<50	<0.50	<1.0	<1.0	<1.0	---	<1.0	---	---	---	---	---	---	41.65	13.22	---	28.43	1.58
MW-9	06/03/2009	---	<50	<0.50	<1.0	<1.0	<1.0	---	<1.0	---	---	---	---	---	---	41.65	14.84	---	26.81	0.55
MW-9	09/30/2009	---	<50	<0.50	<1.0	<1.0	<1.0	---	<1.0	<10	<2.0	<2.0	<2.0	---	---	41.65	16.91	---	24.74	0.18
MW-9	03/05/2010	---	<50	<0.50	<1.0	<1.0	<1.0	---	<1.0	---	---	---	---	---	---	41.65	11.96	---	29.69	0.22
MW-9	09/16/2010	---	<50	<0.50	<1.0	<1.0	<1.0	---	<1.0	<10	<2.0	<2.0	<2.0	---	---	41.65	15.28	---	26.37	0.74
MW-9	03/18/2011	---	<50	<0.50	<0.50	<0.50	<1.0	---	<1.0	---	---	---	---	---	---	41.65	11.30	---	30.35	0.71
MW-9	09/27/2011	---	<50	<0.50	<0.50	<0.50	<1.0	---	<1.0	<10	<1.0	<1.0	<1.0	---	---	41.65	14.49	---	27.16	0.47
MW-9	**03/09/2012**	**---**	**<50**	**1.0**	**0.81**	**<0.50**	**1.1**	**---**	**<0.50**	**---**	**---**	**---**	**---**	**---**	**---**	**41.65**	**14.82**	**---**	**26.83**	**0.45**
MW-10	12/10/2003	---	---	---	---	---	---	---	---	---	---	---	---	---	---	50.64	24.33	---	26.31	---
MW-10	12/15/2003	---	6,400	3.1	<1.0	33	20	---	<1.0	<10	---	---	<4.0	<1.0	---	50.64	23.58	---	27.06	0.3

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

Well ID	Date	TPHd (µg/L)	TPHg (µg/L)	B (µg/L)	T (µg/L)	E (µg/L)	X (µg/L)	MTBE 8020 (µg/L)	MTBE 8260 (µg/L)	TBA (µg/L)	DIPE (µg/L)	ETBE (µg/L)	TAME (µg/L)	1,2-DCA (µg/L)	EDB (µg/L)	TOC (ft MSL)	Depth to Water (ft TOC)	SPH Thickness (ft)	GW Elevation (ft MSL)	DO Reading (mg/L)
MW-10	03/04/2004	---	1,400	1.2	<1.0	16	3.4	---	<1.0	<10	---	---	<4.0	<1.0	---	50.64	21.20	---	29.44	0.1
MW-10	05/27/2004	---	810	<1.0	<1.0	8.3	<2.0	---	<1.0	<10	---	---	<4.0	<1.0	---	50.64	23.63	---	27.01	0.5
MW-10	09/24/2004	---	790	1.2	<1.0	7.3	<2.0	---	<1.0	<10	<4.0	<4.0	<4.0	<1.0	<1.0	50.64	25.30	---	25.34	1.5
MW-10	11/22/2004	---	1,100	1.1	<0.50	17	<1.0	---	<0.50	<5.0	---	---	<2.0	<0.50	---	50.64	24.62	---	26.02	0.4
MW-10	03/02/2005	---	920	0.60	<1.0	3.5	<1.0	---	<1.0	<10	---	---	<2.0	<0.50	---	50.64	20.72	---	29.92	0.4
MW-10	06/30/2005	---	470 e	<0.50	<0.50	1.4	<1.0	---	<0.50	<5.0	---	---	<2.0	<0.50	---	50.64	21.48	---	29.16	1.4
MW-10	09/20/2005	---	420	<0.50	<0.50	1.2	2.1	---	<0.50	<5.0	<2.0	<2.0	<2.0	<0.50	---	50.64	23.45	---	27.19	2.0
MW-10	12/05/2005	---	420	<0.50	<0.50	1.1	<0.50	---	<0.50	<5.0	---	---	<0.50	<0.50	---	50.64	23.42	---	27.22	0.97
MW-10	03/02/2006	---	230 f	<0.50 f	<0.50	0.83 f	<0.50 f	---	<0.50	<5.0 f	---	---	<0.50	<0.50 h	---	50.64	21.13	---	29.51	1.1
MW-10	06/29/2006	Well inaccessible		---	---	---	---	---	---	---	---	---	---	---	---	50.64	---	---	---	---
MW-10	06/30/2006	---	<50.0	<0.500	<0.500	<0.500	<0.500	---	<0.500	<10.0	---	---	<0.500	<0.500	---	50.64	21.49	---	29.15	0.37
MW-10	07/06/2006	---	---	---	---	---	---	---	---	---	---	---	---	---	---	50.64	21.60	---	29.04	---
MW-10	09/11/2006	---	250	<0.500	<0.500	<0.500	<0.500	---	<0.500	<10.0	<0.500	<0.500	<0.500	<0.500	---	50.64	22.62	---	28.02	0.98
MW-10	12/28/2006	Well inaccessible		---	---	---	---	---	---	---	---	---	---	---	---	50.64	---	---	---	---
MW-10	03/20/2007	---	158	<0.500	<0.500	<0.500	<1.00	---	<0.500	<50.0	---	---	<1.00	<0.500	---	50.64	22.30	---	28.34	0.10
MW-10	06/26/2007	---	230 j	0.15 k	<1.0	0.43 k	<1.0	---	<1.0	<10	---	---	<2.0	<0.50	---	50.64	23.75	---	26.89	1.54
MW-10	09/11/2007	---	62 j	<0.50	<1.0	<1.0	<1.0	---	<1.0	<10	<2.0	<2.0	<2.0	<0.50	---	50.64	24.78	---	25.86	0.98
MW-10	12/26/2007	---	200 j, l	0.15 k	<1.0	0.30 k	<1.0	---	<1.0	<10	---	---	<2.0	<0.50	---	50.64	23.86	---	26.78	0.9
MW-10	03/19/2008	---	170 j	<0.50	<1.0	<1.0	<1.0	---	<1.0	<10	---	---	<2.0	<0.50	---	50.64	22.46	---	28.18	0.10
MW-10	06/05/2008	---	150	<0.50	<1.0	<1.0	<1.0	---	<1.0	<10	<2.0	<2.0	<2.0	<0.50	---	50.64	23.76	---	26.88	0.11
MW-10	09/29/2008	---	130	<0.50	<1.0	<1.0	1.4	---	<1.0	<10	<2.0	<2.0	<2.0	<0.50	---	50.64	25.59	---	25.05	0.91
MW-10	12/19/2008	---	220	1.6	1.4	1.9	4.3	---	<1.0	<10	---	---	<2.0	<0.50	---	50.64	22.39	---	28.25	0.26
MW-10	03/10/2009	---	120	<0.50	<1.0	<1.0	1.8	---	<1.0	<10	---	---	<2.0	<0.50	---	50.64	21.79	---	28.85	0.40
MW-10	06/03/2009	---	130	<0.50	<1.0	<1.0	<1.0	---	<1.0	<10	<2.0	<2.0	<2.0	<0.50	---	50.64	23.85	---	26.79	2.11
MW-10	09/30/2009	---	59	<0.50	<1.0	<1.0	<1.0	---	<1.0	<10	<2.0	<2.0	<2.0	<0.50	---	50.64	25.86	---	24.78	0.11
MW-10	03/05/2010	---	380	<0.50	<1.0	<1.0	<1.0	---	<1.0	<10	<2.0	<2.0	<2.0	<0.50	---	50.64	21.11	---	29.53	0.14
MW-10	09/16/2010	---	180	<0.50	<1.0	<1.0	<1.0	---	<1.0	<10	<2.0	<2.0	<2.0	<0.50	---	50.64	24.45	---	26.19	0.17
MW-10	03/18/2011	---	74	<0.50	<0.50	<0.50	<1.0	---	<1.0	<10	---	---	<1.0	<0.50	---	50.64	21.49	---	29.15	1.86
MW-10	09/27/2011	---	58	<0.50	0.63	0.65	4.2	---	<1.0	<10	<1.0	<1.0	<1.0	<0.50	---	50.64	23.50	---	27.14	2.21
MW-10	**03/09/2012**	**---**	**93**	**0.63**	**<0.50**	**<0.50**	**<1.0**	**---**	**<0.50**	**<10**	**---**	**---**	**<0.50**	**<0.50**	**---**	**50.64**	**23.85**	**---**	**26.79**	**0.40**
MW-11	12/10/2003	---	---	---	---	---	---	---	---	---	---	---	---	---	---	45.58	19.10	---	26.48	---
MW-11	12/15/2003	---	110,000	9,900	3,300	3,900	23,000	---	20,000	18,000	---	---	<800	<200	---	45.58	18.50	---	27.08	0.3
MW-11	03/04/2004	---	68,000	5,300	3,000	3,600	23,000	---	8,300	12,000	---	---	<200	<50	---	45.58	16.67	---	28.91	0.1
MW-11	05/27/2004	---	86,000	8,500	3,200	13,000	22,000	---	25,000	18,000	---	---	<400	<100	---	45.58	18.60	---	26.98	1.6
MW-11	09/24/2004	---	63,000	7,200	2,000	3,000	15,000	---	26,000	17,000	<400	<400	<400	<100	<100	45.58	20.22	---	25.36	2.2
MW-11	11/22/2004	---	96,000	7,100	3,700	2,800	15,000	---	20,000	14,000	---	---	<400	<100	---	45.58	19.56	---	26.02	0.3
MW-11	03/02/2005	---	63,000	6,200	6,800	2,200	15,000	---	16,000	7,800	---	---	<200	<50	---	45.58	15.75	---	29.83	4.6

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	06/30/2005	---	100,000	4,200	18,000	3,800	25,000	---	2,500	3,400	---	---	<400	<100	---	45.58	16.92	---	28.66	1.0
MW-11	09/20/2005	---	65,000	3,800	10,000	3,100	19,000	---	3,900	4,600	<400	<400	<400	<100	---	45.58	18.43	---	27.15	---
MW-11	12/05/2005	---	69,000	4,000	10,000	3,100	16,000	---	7,400	4,400	---	---	<50	<50	---	45.58	18.26	---	27.32	0.70
MW-11	03/02/2006	---	76,000 f	4,000 f	13,000 f	2,900 f	16,000 f	---	6,100 f	420 h	---	---	36	<0.50 h	---	45.58	16.13	---	29.45	0.9
MW-11	04/19/2006	---	116,000	4,780	12,000	3,280	20,200	---	5,550	4,010	---	---	34.6	<0.500	---	45.58	15.30	---	30.28	0.86
MW-11	05/01/2006	---	129,000	4,180	15,100	3,180	18,700	---	4,510	3,130	---	---	28.9	92.1	---	45.58	15.43	---	30.15	0.97
MW-11	06/29/2006	Well inaccessible		---	---	---	---	---	---	---	---	---	---	---	---	45.58	---	---	---	---	
MW-11	06/30/2006	---	119,000	4,420	11,300	2,650	17,200	---	4,490	2,700	---	---	22.8	<0.500	---	45.58	15.49	---	30.09	0.49
MW-11	07/06/2006	---	---	---	---	---	---	---	---	---	---	---	---	---	---	45.58	16.61	---	28.97	---
MW-11	07/31/2006	---	<50.0	4,870	11,400	2,890	20,400	---	4,880	3,120	---	---	27.2	<0.500	---	45.58	17.00	---	28.58	0.36
MW-11	08/23/2006	---	115,000	5,230	8,720	2,680	16,900	---	4,860	3,670	---	---	29.6	<10.0	---	45.58	17.28	---	28.30	0.7
MW-11	09/11/2006	---	9,090	5,140	8,400	3,040	17,700	---	5,310	4,240	<0.500	<0.500	134	<0.500	---	45.58	17.62	---	27.96	0.63
MW-11	10/18/2006	---	193,000	4,930	9,700	3,920	21,000	---	4,300	2,530	---	---	<0.500	<0.500	---	45.58	18.08	---	27.50	0.51
MW-11	11/22/2006	---	3,600	3,600	9,300	2,800	16,000	---	2,800	4,000	---	---	<10	<2.5	---	45.58	18.06	---	27.52	0.4
MW-11	12/28/2006	---	75,000	2,700	9,800	1,900	13,000	---	2,500	2,500	---	---	<200	<50	---	45.58	17.20	---	28.38	0.9
MW-11	01/25/2007	---	68,000	2,900	9,600	2,200	13,000	---	2,400	2,400	---	---	<200	<50	---	45.58	18.10	---	27.48	0.7
MW-11	02/19/2007	---	88,000	3,600	17,000	3,200	20,000	---	2,200	4,000	---	---	25	<5.0	---	45.58	17.89	---	27.69	0.2
MW-11	03/20/2007	---	77,600	3,140 i	12,800 i	3,060 i	17,600 i	---	1,930 i	<10,000 i	---	---	<200 i	<100 i	---	45.58	17.30	---	28.28	0.38
MW-11	04/05/2007	---	67,000 j	3,200	9,600	3,200	14,300	---	1,800	2,900	---	---	<100	<25	---	45.58	17.50	---	28.08	0.72
MW-11	06/01/2007	---	65,000 j	3,100	11,000	3,200	17,900	---	1,700	---	---	---	---	---	---	45.58	18.32	---	27.26	1.18
MW-11	06/26/2007	---	52,000 j	2,200	8,000	2,200	13,700	---	1,300	2,300	---	---	<200	<50	---	45.58	18.70	---	26.88	0.24
MW-11	07/19/2007	---	62,000 j	2,500	9,600	2,400	16,300	---	1,500	---	---	---	---	---	---	45.58	18.10	---	27.48	3.42
MW-11	08/14/2007	---	65,000 j	3,000	11,000	3,000	17,600	---	1,000	---	---	---	---	---	---	45.58	19.30	---	26.28	1.1
MW-11	09/11/2007	---	45,000 j	2,000	6,300	2,100	11,900	---	960	2,100	<100	<100	<100	<25	---	45.58	19.65	---	25.93	0.86
MW-11	10/26/2007	---	58,000 j	2,500	9,300	3,200	17,700	---	900	---	---	---	---	---	---	45.58	19.42	---	26.16	1.2
MW-11	11/13/2007	---	64,000 j	2,400	9,500	3,300	18,000	---	1,200	---	---	---	---	---	---	45.58	19.34	---	26.24	0.32
MW-11	12/26/2007	---	56,000 j	2,300	11,000	3,800	23,400	---	1,300	1,400	---	---	<40	<10	---	45.58	18.68	---	26.90	0.9
MW-11	01/03/2008	---	64,000 j	2,600	10,000	4,400	23,600	---	1,300	---	---	---	---	---	---	45.58	18.86	---	26.72	1.65
MW-11	02/21/2008	---	70,000 j	2,400	9,200	3,700	18,700	---	440	---	---	---	---	---	---	45.58	16.70	---	28.88	0.9
MW-11	03/19/2008	---	65,000 j	2,500	7,700	3,700	19,700	---	520	810	---	---	<100	<25	---	45.58	17.34	0.02	28.26	0.07
MW-11	04/16/2008	---	86,000	3,000	8,200	4,500	24,300	---	280	---	---	---	---	---	---	45.58	17.78	---	27.80	1.40
MW-11	05/29/2008	---	70,000	1,900	6,000	3,200	16,500	---	110	---	---	---	---	---	---	45.58	18.52	---	27.06	0.43
MW-11	06/05/2008	---	72,000	1,800	6,700	3,300	18,000	---	120	<500	<100	<100	<100	<25	---	45.58	18.63	---	26.95	0.21
MW-11	07/22/2008	---	100,000	1,100	9,200	3,800	24,900	---	<100	---	---	---	---	---	---	45.58	19.41	---	26.17	1.31
MW-11	09/29/2008	---	110,000	1,500	10,000	4,300	27,200	---	210	<500	<100	<100	<100	<25	---	45.58	20.21	---	25.37	0.79
MW-11	12/19/2008	---	110,000	1,000	9,600	3,700	24,600	---	<100	<1,000	---	---	<200	<50	---	45.58	19.75	---	25.83	0.52
MW-11	03/10/2009	---	92,000	490	11,000	4,000	30,000	---	<100	<1,000	---	---	<200	<50	---	45.58	16.40	---	29.18	0.50
MW-11	06/03/2009	---	74,000	120	6,900	3,500	24,000	---	<100	<1,000	<200	<200	<200	<50	---	45.58	18.91	---	26.67	0.10

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	09/30/2009	6,800 l,m	86,000	100	6,200	4,100	26,000	---	<100	<1,000	<200	<200	<200	<50	---	45.58	20.84	---	24.74	0.27
MW-11	03/05/2010	---	75,000	240	4,800	2,600	17,000	---	<50	<500	<100	<100	<100	<25	---	45.58	16.08	---	29.50	0.89
MW-11	09/16/2010	---	43,000	760	3,400	2,300	13,000	---	<50	550	<100	<100	<100	<25	---	45.58	19.34	---	26.24	0.26
MW-11	03/18/2011	---	38,000	470	4,100	2,200	13,000	---	<100	<1,000	---	---	<100	<50	---	45.58	11.08	---	34.50	0.66
MW-11	09/27/2011	---	27,000	470	2,200	1,400	7,600	---	<40	580	<40	<40	<40	---	---	45.58	18.45	---	27.13	1.39
MW-11	**03/09/2012**	**---**	**49,000**	**1,200**	**5,500**	**2,300**	**15,000**	**---**	**35**	**<400**	**---**	**---**	**<20**	**<20**	**---**	**45.58**	**18.84**	**---**	**26.74**	**0.48**
MW-12	06/26/2006	---	---	---	---	---	---	---	---	---	---	---	---	---	---	44.10	14.75	---	29.35	---
MW-12	06/29/2006	Well inaccessible		---	---	---	---	---	---	---	---	---	---	---	---	44.10	---	---	---	---
MW-12	06/30/2006	---	95,000	3,930	8,900	2,110	10,400	---	<0.500	---	---	---	---	---	---	44.10	15.00	---	29.10	0.62
MW-12	07/06/2006	---	---	---	---	---	---	---	---	---	---	---	---	---	---	44.10	15.10	---	29.00	---
MW-12	09/11/2006	---	5,110	3,930	3,290	2,710	8,060	---	8.50	---	---	---	---	---	---	44.10	15.91	---	28.19	1.09
MW-12	12/28/2006	---	31,000	2,400	1,100	1,500	2,900	---	<2.5	---	---	---	---	---	---	44.10	15.85	---	28.25	0.82
MW-12	03/20/2007	---	30,100	508	352	341	748	---	<0.500	---	---	---	---	---	---	44.10	15.81	---	28.29	1.44
MW-12	06/26/2007	---	32,000 j	2,700	1,200	2,100	3,700	---	<20	---	---	---	---	---	---	44.10	17.29	---	26.81	0.40
MW-12	09/11/2007	---	21,000 j	810	720	860	1,950	---	<20	---	---	---	---	---	---	44.10	18.08	---	26.02	1.21
MW-12	12/26/2007	---	20,000 j	2,000	600	1,400	2,870	---	<20	---	---	---	---	---	---	44.10	17.44	---	26.66	1.3
MW-12	03/19/2008	---	12,000	1,000	460	630	1,490	---	<20	---	---	---	---	---	---	44.10	15.97	---	28.13	0.28
MW-12	06/05/2008	---	22,000	860	530	930	2,340	---	<10	---	---	---	---	---	---	44.10	17.28	---	26.82	0.10
MW-12	09/29/2008	---	23,000	1,800	820	1,300	2,900	---	<10	---	---	---	---	---	---	44.10	19.10	---	25.00	0.76
MW-12	12/19/2008	---	12,000	850	240	530	930	---	<10	---	---	---	---	---	---	44.10	18.68	---	25.42	0.47
MW-12	03/10/2009	---	6,400	720	110	450	570	---	<10	---	---	---	---	---	---	44.10	15.55	---	28.55	2.25
MW-12	06/03/2009	---	14,000	1,000	370	800	2,400	---	<10	---	---	---	---	---	---	44.10	17.47	---	26.63	1.03
MW-12	09/30/2009	---	27,000	1,100	260	930	2,800	---	<10	---	---	---	---	---	---	44.10	19.44	---	24.66	0.01
MW-12	03/05/2010	---	6,500	630	47	220	390	---	<5.0	---	---	---	---	---	---	44.10	14.65	---	29.45	0.11
MW-12	09/16/2010	---	7,500	490	83	200	720	---	<5.0	---	---	---	---	---	---	44.10	18.16	---	25.94	0.21
MW-12	03/18/2011	Well inaccessible		---	---	---	---	---	---	---	---	---	---	---	---	44.10	---	---	---	---
MW-12	03/31/2011	---	6,400	760	98	190	550	---	<10	---	---	---	---	---	---	44.10	13.48	---	30.62	2.20
MW-12	09/27/2011	---	2,900	310	20	52	120	---	<2.0	---	---	---	---	---	---	44.10	16.07	---	28.03	1.04
MW-12	**03/09/2012**	**---**	**5,900**	**840**	**72**	**120**	**380**	**---**	**<2.0**	**---**	**---**	**---**	**---**	**---**	**---**	**44.10**	**17.02**	**---**	**27.08**	**0.11**
MW-13	06/26/2006	---	---	---	---	---	---	---	---	---	---	---	---	---	---	41.59	12.10	---	29.49	---
MW-13	06/29/2006	---	---	---	---	---	---	---	---	---	---	---	---	---	---	41.59	12.47	---	29.12	0.61
MW-13	06/30/2006	---	---	---	---	---	---	---	---	---	---	---	---	---	---	41.59	12.25	---	29.34	---
MW-13	07/06/2006	---	<50.0	<0.500	<0.500	<0.500	<0.500	---	<0.500	<10.0	<0.500	<0.500	<0.500	<0.500	---	41.59	12.35	---	29.24	0.24
MW-13	09/11/2006	---	<50.0	<0.500	<0.500	<0.500	<0.500	---	<0.500	---	---	---	---	---	---	41.59	13.33	---	28.26	1.02
MW-13	12/28/2006	---	<50	<0.50	<0.50	<0.50	<1.0	---	<0.50	---	---	---	---	---	---	41.59	13.12	---	28.47	0.81
MW-13	03/20/2007	---	<50.0	1.41	2.36	2.20	6.29	---	<0.500	---	---	---	---	---	---	41.59	13.12	---	28.47	0.14

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

Well ID	Date	TPHd (µg/L)	TPHg (µg/L)	B (µg/L)	T (µg/L)	E (µg/L)	X (µg/L)	MTBE 8020 (µg/L)	MTBE 8260 (µg/L)	TBA (µg/L)	DIPE (µg/L)	ETBE (µg/L)	TAME (µg/L)	1,2-DCA (µg/L)	EDB (µg/L)	TOC (ft MSL)	Depth to Water (ft TOC)	SPH Thickness (ft)	GW Elevation (ft MSL)	DO Reading (mg/L)
MW-13	06/26/2007	---	58 j	0.20 k	<1.0	<1.0	<1.0	---	<1.0	---	---	---	---	---	---	41.59	14.68	---	26.91	0.38
MW-13	09/11/2007	---	<50 j	0.69	0.30 k	<1.0	<1.0	---	<1.0	---	---	---	---	---	---	41.59	15.51	---	26.08	0.92
MW-13	12/26/2007	---	<50 j	0.24 k	<1.0	<1.0	<1.0	---	<1.0	---	---	---	---	---	---	41.59	14.74	---	26.85	1.0
MW-13	03/19/2008	---	<50	<0.50	<1.0	<1.0	<1.0	---	<1.0	---	---	---	---	---	---	41.59	13.28	---	28.31	0.34
MW-13	06/05/2008	---	<50	<0.50	<1.0	<1.0	<1.0	---	<1.0	---	---	---	---	---	---	41.59	14.65	---	26.94	0.15
MW-13	09/29/2008	---	<50	0.53	<1.0	<1.0	<1.0	---	<1.0	---	---	---	---	---	---	41.59	16.50	---	25.09	1.59
MW-13	12/19/2008	---	<50	<0.50	<1.0	<1.0	<1.0	---	<1.0	---	---	---	---	---	---	41.59	16.12	---	25.47	0.49
MW-13	03/10/2009	---	<50	<0.50	<1.0	<1.0	<1.0	---	<1.0	---	---	---	---	---	---	41.59	12.75	---	28.84	1.52
MW-13	06/03/2009	---	<50	<0.50	<1.0	<1.0	<1.0	---	<1.0	---	---	---	---	---	---	41.59	14.90	---	26.69	0.99
MW-13	09/30/2009	---	<50	<0.50	<1.0	<1.0	<1.0	---	<1.0	---	---	---	---	---	---	41.59	16.82	---	24.77	0.20
MW-13	03/05/2010	---	<50	<0.50	<1.0	<1.0	<1.0	---	<1.0	---	---	---	---	---	---	41.59	11.87	---	29.72	0.18
MW-13	09/16/2010	---	<50	<0.50	<1.0	<1.0	<1.0	---	<1.0	---	---	---	---	---	---	41.59	15.10	---	26.49	0.20
MW-13	03/18/2011	---	<50	<0.50	<0.50	<0.50	<1.0	---	<1.0	---	---	---	---	---	---	41.59	12.12	---	29.47	0.68
MW-13	09/27/2011	---	<50	<0.50	<0.50	<0.50	<1.0	---	<1.0	---	---	---	---	---	---	41.59	14.43	---	27.16	0.59
MW-13	**03/09/2012**	**---**	**<50**	**<0.50**	**<0.50**	**<0.50**	**<1.0**	**---**	**<0.50**	**---**	**---**	**---**	**---**	**---**	**---**	**41.59**	**14.73**	**---**	**26.86**	**0.13**
P-1A	09/15/2008	---	---	---	---	---	---	---	---	---	---	---	---	---	---	47.74	22.49	---	25.25	---
P-1A	12/19/2008	---	13,000	90	24	1,100	893	---	190	---	---	---	---	---	---	47.74	22.23	---	25.51	0.54
P-1B	09/15/2008	---	---	---	---	---	---	---	---	---	---	---	---	---	---	47.65	22.50	---	25.15	---
P-1B	12/19/2008	---	82,000	5,200	3,300	3,000	9,600	---	1,300	---	---	---	---	---	---	47.65	22.25	---	25.40	0.66
P-2A	09/15/2008	---	---	---	---	---	---	---	---	---	---	---	---	---	---	48.81	23.58	---	25.23	---
P-2A	12/19/2008	---	1,900	70	<2.0	19	<2.0	---	94	---	---	---	---	---	---	48.81	23.49	---	25.32	3.92
P-2B	09/15/2008	---	---	---	---	---	---	---	---	---	---	---	---	---	---	49.02	23.40	---	25.62	---
P-2B	12/19/2008	---	7,500	450	<5.0	93	81	---	410	---	---	---	---	---	---	49.02	23.61	---	25.41	0.17
P-3A	09/15/2008	---	---	---	---	---	---	---	---	---	---	---	---	---	---	44.56	19.21	---	25.35	---
P-3A	12/19/2008	---	64,000	1,900	1,900	3,600	12,300	---	170	---	---	---	---	---	---	44.56	19.03	---	25.53	0.37
P-3B	09/15/2008	---	---	---	---	---	---	---	---	---	---	---	---	---	---	44.62	19.02	---	25.60	---
P-3B	12/19/2008	---	70,000	5,700	2,300	3,300	11,600	---	1,100	---	---	---	---	---	---	44.62	19.26	---	25.36	---
P-4A	09/15/2008	---	---	---	---	---	---	---	---	---	---	---	---	---	---	45.00	19.95	---	25.05	---
P-4A	10/02/2008	---	---	---	---	---	---	---	---	---	---	---	---	---	---	45.00	19.63	---	25.37	---
P-4A	12/19/2008	---	80,000	330	9,300	3,800	14,300	---	130	---	---	---	---	---	---	45.00	19.32	---	25.68	0.76

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	09/15/2008	---	---	---	---	---	---	---	---	---	---	---	---	---	---	44.93	19.30	---	25.63	---
P-4B	12/19/2008	---	81,000	1,100	5,800	4,000	17,500	---	390	---	---	---	---	---	---	44.93	19.50	---	25.43	0.52

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

a = Chromatogram pattern indicates an unidentified hydrocarbon.
b = Hydrocarbon does not match pattern of laboratory's standard.
c = The concentration reported reflects individual or discrete unidentified peaks not matching a typical fuel pattern.
d = Estimated value. The concentration exceeded the calibration of analysis.
e = Quantity of unknown hydrocarbon(s) in sample based on gasoline.
f = Sample analyzed out of EPA recommended hold time.
g = The result for this hydrocarbon is elevated due to the presence of single analyte peak(s) in the quantitation range.
h = Result was reported with a possible low bias due to the continuing calibration verification falling outside the acceptance criteria.
i = Sample required dilution due to high concentrations of target analyte.
j = Analyzed by EPA Method 8015B (M).
k = Analyte was detected at a concentration below the reporting limit and above the laboratory method detection limit. Reported value is estimated.

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)

l = The sample chromatographic pattern for TPH does not match the chromatographic pattern of the specified standard. Quantitation of the unknown hydrocarbon(s) in the sample was based upon the specified standard.
m = The sample extract was subjected to Silica Gel treatment prior to analysis

When SPHs are present, the groundwater elevation is adjusted using the following formula: GWE = TOC - DTW + 0.8 * SPH 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 # 120309-GR1 Date 3/09/2012 Client Shell

Site 1784 150th Ave, San Leandro, CA

Well ID	Time	Well Size (in.)	Sheen / Odor	Depth to Immiscible Liquid (ft.)	Thickness of Immiscible Liquid (ft.)	Volume of Immiscibles Removed (ml)	Depth to water (ft.)	Depth to well bottom (ft.)	Survey Point: TOB or (TOC)	Notes
MW-1A	0835	4		-			22.20	26.40		
MW-1B	0831	4					22.35 ~~22.20~~	49.80		
MW-2B	0857	4					18.30	40.02		
MW-3	0845	4					25.17	41.58		
MW-4	0957	2					13.64	25.00		
MW-5	0826	2					14.77	24.84		
MW-6	0820	2					14.78	19.45		
MW-7	1047	2					17.68	26.84		
MW-8	1111	2					16.60	24.10		
MW-9	0905	2					14.82	34.76		
MW-10	0940	4					23.85	31.62		
MW-11	0905	4					18.84	24.70		
MW-12	1140	2					17.02	27.65		
MW-13	0928	2					14.73	23.84		
EW-1	0856	4					21.70	35.05		
EW-2	0900	4					17.87	32.70		

* all caps pulled at least 15 minutes prior to gauging except traffic wells (MW-4, MW-7, MW-8, MW-9, MW-12, MW-13)

SHELL WELL MONITORING DATA SHEET

BTS #: 120309-GR1	Site: 1784 150th Ave.; San Leandro
Sampler: GR / (DW)	Date: 3/09/2012
Well I.D.: MW-1A	Well Diameter: 2 3 (4) 6 8 ___
Total Well Depth (TD): 26.40	Depth to Water (DTW): 22.20
Depth to Free Product: ___	Thickness of Free Product (feet): ___
Referenced to: (PVC) Grade	D.O. Meter (if req'd): (YSI) HACH
DTW with 80% Recharge [(Height of Water Column x 0.20) + DTW]: 23.04	

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: ___

2.7 (Gals.) X	3	=	8.1 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
0950	66.7	6.70	1260	24	2.7	
0951	well	dewatered @	3.5 gals			
				46 (2)		DTW = 24.17
1005	68.6	6.77	1237	46	Grab	

Did well dewater? (Yes) No Gallons actually evacuated: 3.5

Sampling Date: 3/09/2012 Sampling Time: 1005 Depth to Water: 22.85

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

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

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

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

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

SHELL WELL MONITORING DATA SHEET

BTS #: 120309-GR1	Site: 1784 150th Ave.; San Leandro
Sampler: GR / (DW)	Date: 3/09/2012
Well I.D.: MW-1B	Well Diameter: 2 3 (4) 6 8 ___
Total Well Depth (TD): 49.80	Depth to Water (DTW): 22.35
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]: 27.84	

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: ___

17.8 (Gals.) X 3 = 53.4 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
0921	66.5	7.18	1412	44	17.8	
0925	67.5	6.78	1410	17	35.6	
0929	67.7	6.71	1407	9	53.4	

Did well dewater? Yes (No) Gallons actually evacuated: 53.4

Sampling Date: 3/09/2012 Sampling Time: 0940 Depth to Water: 22.62

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

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

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

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

D.O. (if req'd):	Pre-purge:	mg/L	Post-purge:	0.74 mg/L
O.R.P. (if req'd):	Pre-purge:	mV	Post-purge:	mV

SHELL WELL MONITORING DATA SHEET

BTS #: 120309-GR1	Site: 1784 150th Ave.; San Leandro
Sampler: GR / (DW)	Date: 3/09/2012
Well I.D.: MW-2B	Well Diameter: 2 3 (4) 6 8 ___
Total Well Depth (TD): 40.02	Depth to Water (DTW): 18.30
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]: 22.64	

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: ___

14.1 (Gals.) X 3 = 42.3 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
1106	66.9	7.25	1596	54	14.1	
1108	67.3	6.79	1683	111	28.2	
1110	67.4	6.70	1720	93	42.3	

Did well dewater? Yes (No) Gallons actually evacuated: 42.3

Sampling Date: 3/09/2012 Sampling Time: 1120 Depth to Water: 19.41

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

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

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

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

D.O. (if req'd):	Pre-purge:	mg/L	Post-purge:	0.67 mg/L
O.R.P. (if req'd):	Pre-purge:	mV	Post-purge:	mV

SHELL WELL MONITORING DATA SHEET

BTS #: 120309-GR1	Site: 1784 150th Ave.; San Leandro
Sampler: GR / (DW)	Date: 3/09/2012
Well I.D.: MW-3	Well Diameter: 2 3 (4) 6 8 ___
Total Well Depth (TD): 41.58	Depth to Water (DTW): 25.17
Depth to Free Product: ___	Thickness of Free Product (feet): ___
Referenced to: (PVC) Grade	D.O. Meter (if req'd): (YSI) HACH
DTW with 80% Recharge [(Height of Water Column x 0.20) + DTW]: 28.45	

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

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

10.7 (Gals.) X	3	=	32.1 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	radius² * 0.163

Time	Temp (°F)	pH	Cond. (mS or (µS))	Turbidity (NTUs)	Gals. Removed	Observations
1040	66.5	6.46	1552	14	10.7	
1042	67.7	6.39	1561	8	21.4	
1044	68.2	6.33	1567	7	32.1	

Did well dewater? Yes (No) Gallons actually evacuated: 32.1

Sampling Date: 3/09/2012 Sampling Time: 1055 Depth to Water: 26.60

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

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

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

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

D.O. (if req'd):	Pre-purge:	mg/L	Post-purge:	0.41 mg/L
O.R.P. (if req'd):	Pre-purge:	mV	Post-purge:	mV

SHELL WELL MONITORING DATA SHEET

BTS #: 120309-GR1	Site: 1784 150th Ave.; San Leandro
Sampler: (GR) / DW	Date: 3/09/2012
Well I.D.: MW-4	Well Diameter: (2) 3 4 6 8 ____
Total Well Depth (TD): 25.00	Depth to Water (DTW): 13.64
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]: 15.91	

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

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

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

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

Time	Temp (°F)	pH	Cond. (mS or (µS))	Turbidity (NTUs)	Gals. Removed	Observations
1002	66.7	7.41	971.5	246	2.0	
1005	66.4	7.33	956.0	298	4.0	
1008	66.2	7.30	954.2	345	6.0	DTW - 13.70

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

Sampling Date: 3/09/2012 Sampling Time: 1016 Depth to Water: 13.70

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

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

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

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

D.O. (if req'd):	Pre-purge:	mg/L	Post-purge:	0.12 mg/L
O.R.P. (if req'd):	Pre-purge:	mV	Post-purge:	mV

SHELL WELL MONITORING DATA SHEET

BTS #: 120309-GR1	Site: 1784 150th Ave.; San Leandro
Sampler: (GR) / DW	Date: 3/09/2012
Well I.D.: MW-5	Well Diameter: (2) 3 4 6 8 ____
Total Well Depth (TD): 24.84	Depth to Water (DTW): 14.77
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]: 16.78	

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

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

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

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

Time	Temp (°F)	pH	Cond. (mS or (µS))	Turbidity (NTUs)	Gals. Removed	Observations
1331	68.0	7.34	923.0	358	2.0	
1334	67.2	7.38	941.2	120	4.0	
1337	67.5	7.41	905.8	205	6.0	DTW - 14.85

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

Sampling Date: 3/09/2012 Sampling Time: 1348 Depth to Water: 14.85

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

SHELL WELL MONITORING DATA SHEET

BTS #: 120309-GR1	Site: 1784 150th Ave.; San Leandro
Sampler: (GR) / DW	Date: 3/09/2012
Well I.D.: MW-6	Well Diameter: (2) 3 4 6 8 ____
Total Well Depth (TD): 19.45	Depth to Water (DTW): 14.78
Depth to Free Product:	Thickness of Free Product (feet):
Referenced to: (PVC) Grade	D.O. Meter (if req'd): (YSI) HACH
DTW with 80% Recharge [(Height of Water Column x 0.20) + DTW]: 15.71	

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

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

0.7 (Gals.) X	3	=	2.1 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
1304	66.2	~~7.20~~ ~~8.22~~ (7.22)	430.3	>1000	1.0	
1306	65.0	7.24	346.0	>1000	2.0	
1309	65.1	7.08	339.1	>1000	3.0	
1312	65.2	7.07	338.8	>1000	4.0	DTW-15.61

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

Sampling Date: 3/09/2012 Sampling Time: 1318 Depth to Water: 15.61

Sample I.D.: MW-6 Laboratory: (Test America) Other_____

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

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

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

D.O. (if req'd):	Pre-purge:	mg/L	Post-purge:	2.04 mg/L
O.R.P. (if req'd):	Pre-purge:	mV	Post-purge:	mV

SHELL WELL MONITORING DATA SHEET

BTS #: 120309-GR1	Site: 1784 150th Ave.; San Leandro
Sampler: (GR) / DW	Date: 3/09/2012
Well I.D.: MW-7	Well Diameter: (2) 3 4 6 8 ___
Total Well Depth (TD): 28.84	Depth to Water (DTW): 17.68
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]: 19.51	

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

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

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

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

Time	Temp (°F)	pH	Cond. (mS or (µS))	Turbidity (NTUs)	Gals. Removed	Observations
1052	68.9	6.66	2296	64	1.5	
1055	68.5	6.61	2350	242	3.0	
1058	68.4	6.61	2338	312	4.5	DTW-19.45

Did well dewater? Yes (No) Gallons actually evacuated: 4.5

Sampling Date: 3/09/2012 Sampling Time: 1105 Depth to Water: 19.45

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

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

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

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

D.O. (if req'd):	Pre-purge:	mg/L	Post-purge:	0.17 mg/L
O.R.P. (if req'd):	Pre-purge:	mV	Post-purge:	mV

SHELL WELL MONITORING DATA SHEET

BTS #: 120309-GR1	Site: 1784 150th Ave.; San Leandro
Sampler: (GR) / DW	Date: 3/09/2012
Well I.D.: MW-8	Well Diameter: (2) 3 4 6 8 ____
Total Well Depth (TD): 24.10	Depth to Water (DTW): 16.60
Depth to Free Product:	Thickness of Free Product (feet):
Referenced to: (PVC) Grade	D.O. Meter (if req'd): (YSI) HACH
DTW with 80% Recharge [(Height of Water Column x 0.20) + DTW]: 18.10	

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:____

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

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

Time	Temp (°F)	pH	Cond. (mS or (µS))	Turbidity (NTUs)	Gals. Removed	Observations
1018	67.1	6.90	1329	631	1.5	
1022	67.2	6.67	1296	379	3.0	
1026	67.1	6.65	1280	400	4.5	DTW - 16.89

Did well dewater? Yes (No) Gallons actually evacuated: 4.5

Sampling Date: 3/09/2012 Sampling Time: ~~10~~ (GR) 1136 Depth to Water: 16.89

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

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

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

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

D.O. (if req'd):	Pre-purge:	mg/L	Post-purge:	0.16 mg/L
O.R.P. (if req'd):	Pre-purge:	mV	Post-purge:	mV

SHELL WELL MONITORING DATA SHEET

BTS #: 120309-GR1	Site: 1784 150th Ave. ; San Leandro
Sampler: (GR) / DW	Date: 3/09/2012
Well I.D.: MW-9	Well Diameter: (2) 3 4 6 8 ____
Total Well Depth (TD): 34.76	Depth to Water (DTW): 14.82
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]: 18.81	

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: ____

3.2 (Gals.) X	3 =	9.6 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
0910	67.8	7.01	980.6	50	3.5	
0913	67.3	7.29	977.5	32	7.0	
0916	67.4	7.34	977.1	23	10.5	DTW-14.83

Did well dewater? Yes (No) Gallons actually evacuated: 10.5

Sampling Date: 3/09/2012 Sampling Time: 0923 Depth to Water: 14.83

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

SHELL WELL MONITORING DATA SHEET

BTS #: 120309-GR1	Site: 1784 150th Ave., San Leandro
Sampler: GR / DW	Date: 3/09/2012
Well I.D.: MW-10	Well Diameter: 2 3 (4) 6 8 ___
Total Well Depth (TD): 31.62	Depth to Water (DTW): 23.85
Depth to Free Product: ___	Thickness of Free Product (feet): ___
Referenced to: (PVC) Grade	D.O. Meter (if req'd): (YSI) HACH
DTW with 80% Recharge [(Height of Water Column x 0.20) + DTW]: 25.40	

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: ___

5.1 (Gals.) X 3 = 15.3 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
1015	69.7	7.08	885.2	16	5.1	
1016	69.5	6.65	982.0	17	10.2	
1016	well dewatered @ 11.0 gals					
1025	68.8	6.74	932.4	10	Grab	

Did well dewater? (Yes) No Gallons actually evacuated: 11.0

Sampling Date: 3/09/2012 Sampling Time: 1025 Depth to Water: 25.22

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

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

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

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

D.O. (if req'd):	Pre-purge:	mg/L	Post-purge:	0.40 mg/L
O.R.P. (if req'd):	Pre-purge:	mV	Post-purge:	mV

SHELL WELL MONITORING DATA SHEET

BTS #: 120309-GR1	Site: 1784 150th Ave.; San Leandro
Sampler: GR / (DW)	Date: 3/09/2012
Well I.D.: MW-11	Well Diameter: 2 3 (4) 6 8 ___
Total Well Depth (TD): 24.70	Depth to Water (DTW): 18.84
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]: 20.01	

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

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

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

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

Time	Temp (°F)	pH	Cond. (mS or (µS))	Turbidity (NTUs)	Gals. Removed	Observations
1325	67.2	6.76	714.9	40	3.8	
1325	well	dewatered @			5.0 gals	
						DTW = 21.63
1335	66.0	6.88	711.1	54	Grab	

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

Sampling Date: 3/09/2012 Sampling Time: 1335 Depth to Water: 19.78

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

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

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

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

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

SHELL WELL MONITORING DATA SHEET

BTS #: 120309-GR1	Site: 1784 150th Ave. ; San Leandro
Sampler: GR / DW	Date: 3/09/2012
Well I.D.: MW-12	Well Diameter: (2) 3 4 6 8 ___
Total Well Depth (TD): 27.65	Depth to Water (DTW): 17.02
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]: 19.15	

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

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

1.7 (Gals.) X	3	= ~~4~~ + 5.1 (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	radius² * 0.163

Time	Temp (°F)	pH	Cond. (mS or (µS))	Turbidity (NTUs)	Gals. Removed	Observations
1053	67.4	6.81	2659	304	2.0	
1056	67.8	6.56	3136	518	4.0	
1159	67.7	6.47	3507	533	6.0	DTW-19.11

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

Sampling Date: 3/09/2012 Sampling Time: 1207 Depth to Water: 19.11

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

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

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

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

D.O. (if req'd):	Pre-purge:	mg/L	Post-purge:	0.11 mg/L
O.R.P. (if req'd):	Pre-purge:	mV	Post-purge:	mV

SHELL WELL MONITORING DATA SHEET

BTS #: 120309-GR1	Site: 1784 150th Ave.; San Leandro
Sampler: (GR) / DW	Date: 3/09/2012
Well I.D.: ~~13~~ (GR) MW-13	Well Diameter: (2) 3 4 6 8 ___
Total Well Depth (TD): 23.84	Depth to Water (DTW): 14.73
Depth to Free Product:	Thickness of Free Product (feet):
Referenced to: (PVC) Grade	D.O. Meter (if req'd): (YSI) HACH
DTW with 80% Recharge [(Height of Water Column x 0.20) + DTW]: 16.55	

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: ___

1.4 (Gals.) X	3	=	4.2 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	radius² * 0.163

Time	Temp (°F)	pH	Cond. (mS or (µS))	Turbidity (NTUs)	Gals. Removed	Observations
0934	67.2	7.46	1136	762	1.5	
0936	67.1	7.41	1152	853	3.0	
0938	67.0	7.40	1146	746	4.5	DTW - 14.98

Did well dewater? Yes (No) Gallons actually evacuated: 4.5

Sampling Date: 3/09/2012 Sampling Time: 0944 Depth to Water: 14.98

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

SHELL WELL MONITORING DATA SHEET

BTS #: 120309-GR1	Site: 1784 150th Ave.; San Leandro
Sampler: GR / DW	Date: 3/09/2012
Well I.D.: EW-1	Well Diameter: 2 3 (4) 6 8 ___
Total Well Depth (TD): 35.05	Depth to Water (DTW): 21.70
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]: 24.37	

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: ___

8.7 (Gals.) X 3 = 26.1 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	radius² * 0.163

Time	Temp (°F)	pH	Cond. (mS or (µS))	Turbidity (NTUs)	Gals. Removed	Observations
1137	65.7	6.69	1131	169	8.7	
1139	66.6	6.41	1112	128	17.4	
1141	67.0	6.36	1088	105	26.1	

Did well dewater? Yes (No) Gallons actually evacuated: 26.1

Sampling Date: 3/09/2012 Sampling Time: 1155 Depth to Water: 23.22

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

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

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

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

D.O. (if req'd):	Pre-purge:	mg/L	Post-purge:	0.45 mg/L
O.R.P. (if req'd):	Pre-purge:	mV	Post-purge:	mV

SHELL WELL MONITORING DATA SHEET

BTS #: 120309-GR1	Site: 1784 150th Ave.; San Leandro
Sampler: GR / DW	Date: 3/09/2012
Well I.D.: EW-2	Well Diameter: 2 3 (4) 6 8 ___
Total Well Depth (TD): 32.70	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]: 20.84	

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

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

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

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

Time	Temp (°F)	pH	Cond. (mS or (µS))	Turbidity (NTUs)	Gals. Removed	Observations
1305	67.4	7.40	659.5	192	9.6	
1307	67.5	6.99	655.9	81	19.2	
1309	67.5	6.92	650.4	70	28.8	

Did well dewater? Yes (No) Gallons actually evacuated: 28.8

Sampling Date: 3/09/2012 Sampling Time: 1315 Depth to Water: 19.49

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

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

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

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

D.O. (if req'd):	Pre-purge:	mg/L	Post-purge:	0.35 mg/L
O.R.P. (if req'd):	Pre-purge:	mV	Post-purge:	mV

INCIDENT # 98996668

ADDRESS 1784 150th Ave

DATE: 3/09/2012

CITY & STATE San Leandro, CA

Well ID	Observations Upon Arrival: Manway Cover, Type, Condition & Size					Well Labeled / Painted Properly?		Well Cap (Gripper) Condition		Well Lock Condition			Well Pad / Surface Condition		Note Repairs Made Detailed Explanation of Maintenance Recommended and Performed	Photos of Well Condition		Repair Date and PM Initials
MW-1A	Standpipe	Flush	G	P	Size (inch) 12	Y	N	G	R	G	R	NL	G	P		Y	N	
MW-1B	Standpipe	Flush	G	P	Size (inch) 12	Y	N	G	R	G	R	NL	G	P		Y	N	
MW-2B	Standpipe	Flush	G	P	Size (inch) 12	Y	N	G	R	G	R	NL	G	P		Y	N	
MW-3	Standpipe	Flush	G	P	Size (inch) 12	Y	N	G	R	G	R	NL	G	P		Y	N	
MW-4	Standpipe	Flush	G	P	Size (inch) 12	Y	N	G	R	G	R	NL	G	P		Y	N	
MW-5	Standpipe	Flush	G	P	Size (inch) 12	Y	N	G	R	G	R	NL	G	P		Y	N	
MW-6	Standpipe	Flush	G	P	Size (inch) 12	Y	N	G	R	G	R	NL	G	P	½ tabs stripped water bailed	Y	N	
MW-7	Standpipe	Flush	G	P	Size (inch) 12	Y	N	G	R	G	R	NL	G	P	-riser broken in ½ tabs (tab starting to crack) -water bailed	Y	N	
MW-8	Standpipe	Flush	G	P	Size (inch) 12	Y	N	G	R	G	R	NL	G	P	-water bailed	Y	N	
MW-9	Standpipe	Flush	G	P	Size (inch) 12	Y	N	G	R	G	R	NL	G	P		Y	N	
MW-10	Standpipe	Flush	G	P	Size (inch) 12	Y	N	G	R	G	R	NL	G	P		Y	N	
TOTAL # CAPS REPLACED =									0		0	= TOTAL # OF LOCKS REPLACED						

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

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

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

G = Good (Acceptable) R = Replaced

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

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

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

Version 2.4, March 2008

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

Gregory Roberts, Blaine Tech

Print or type Name of Field Personnel & Consultant Company

INCIDENT # 98996068

DATE: 3/09/2012

ADDRESS 1784 150th Ave.

CITY & STATE San Leandro, CA

Well ID	Observations Upon Arrival: Manway Cover, Type, Condition & Size					Well Labeled / Painted Properly*		Well Cap (Gripper) Condition		Well Lock Condition			Well Pad / Surface Condition		Note Repairs Made Detailed Explanation of Maintenance Recommended and Performed	Photos of Well Condition		Repair Date and PM Initials
MW-11	Standpipe	**Flush**	**G**	P	Size (inch) 8	**Y**	N	**G**	R	**G**	R	NL	**G**	P		Y	**N**	
MW-12	Standpipe	**Flush**	**G**	P	Size (inch) 12	**Y**	N	**G**	R	**G**	R	NL	**G**	P		Y	**N**	
MW-13	Standpipe	**Flush**	**G**	P	Size (inch) 12	**Y**	N	**G**	R	**G**	R	NL	**G**	P		Y	**N**	
EW-1	Standpipe	**Flush**	**G**	P	Size (inch)	**Y**	N	**G**	R	**G**	R	NL	**G**	P		Y	**N**	
EW-2	Standpipe	**Flush**	**G**	P	Size (inch)	**Y**	N	**G**	R	**G**	R	NL	**G**	P		Y	**N**	
	Standpipe	Flush	G	P	Size (inch)	Y	N	G	R	G	R	NL	G	P		Y	N	
	Standpipe	Flush	G	P	Size (inch)	Y	N	G	R	G	R	NL	G	P		Y	N	
	Standpipe	Flush	G	P	Size (inch)	Y	N	G	R	G	R	NL	G	P		Y	N	
	Standpipe	Flush	G	P	Size (inch)	Y	N	G	R	G	R	NL	G	P		Y	N	
	Standpipe	Flush	G	P	Size (inch)	Y	N	G	R	G	R	NL	G	P		Y	N	
	Standpipe	Flush	G	P	Size (inch)	Y	N	G	R	G	R	NL	G	P		Y	N	

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

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

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

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

G = Good (Acceptable) R = Replaced

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

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

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

Version 2.4, March 2008

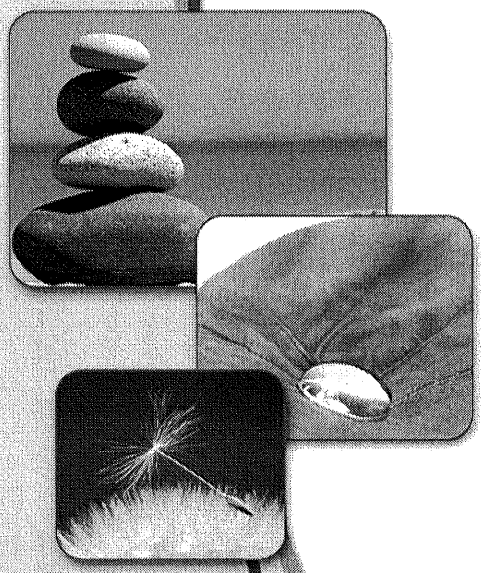
All environmental wells and the remediation compound were in good condition, locked, and secured upon my departure (unless otherwise noted above).

Gregory Roberts, Blaine Tech

Print or type Name of Field Personnel & Consultant Company

APPENDIX B

TEST AMERICA –
ANALYTICAL REPORT



TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

ANALYTICAL REPORT

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

TestAmerica Job ID: 440-5775-1
Client Project/Site: 1784 150th Ave., San Leandro, CA

For:
Conestoga-Rovers & Associates, Inc.
19449 Riverside Drive, Suite 230
Sonoma, California 95476

Attn: Peter Schaefrer

Philip Sanelle

Authorized for release by:
4/4/2012 11:41:26 AM

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

Table of Contents

Sample Summary

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

TestAmerica Job ID: 440-5775-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
440-5775-1	MW-1A	Water	03/09/12 10:05	03/16/12 10:00
440-5775-2	MW-1B	Water	03/09/12 09:40	03/16/12 10:00
440-5775-3	MW-2B	Water	03/09/12 11:20	03/16/12 10:00
440-5775-4	MW-3	Water	03/09/12 10:55	03/16/12 10:00
440-5775-5	MW-4	Water	03/09/12 10:16	03/16/12 10:00
440-5775-6	MW-5	Water	03/09/12 13:48	03/16/12 10:00
440-5775-7	MW-6	Water	03/09/12 13:18	03/16/12 10:00
440-5775-8	MW-7	Water	03/09/12 11:05	03/16/12 10:00
440-5775-9	MW-8	Water	03/09/12 11:36	03/16/12 10:00
440-5775-10	MW-9	Water	03/09/12 09:23	03/16/12 10:00
440-5775-11	MW-10	Water	03/09/12 10:25	03/16/12 10:00
440-5775-12	MW-11	Water	03/09/12 13:35	03/16/12 10:00
440-5775-13	MW-12	Water	03/09/12 12:07	03/16/12 10:00
440-5775-14	MW-13	Water	03/09/12 09:44	03/16/12 10:00
440-5775-15	EW-1	Water	03/09/12 11:55	03/16/12 10:00
440-5775-16	EW-2	Water	03/09/12 13:15	03/16/12 10:00

Case Narrative

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

TestAmerica Job ID: 440-5775-1

Job ID: 440-5775-1

Laboratory: TestAmerica Irvine

Narrative

Job Narrative
440-5775-1

Comments
No additional comments.

Receipt
All samples were received in good condition within temperature requirements.

GC/MS VOA
Method(s) 8260B: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for batch 14698 were outside control limits. The associated laboratory control sample (LCS) recovery met acceptance criteria.

No other analytical or quality issues were noted.

VOA Prep
No analytical or quality issues were noted.

Client Sample ID: MW-1A

Lab Sample ID: 440-5775-1
Matrix: Water

Date Collected: 03/09/12 10:05
Date Received: 03/16/12 10:00

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Volatile Fuel Hydrocarbons (C4-C12)	220		50		ug/L			03/22/12 00:43	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Dibromofluoromethane (Surr)	*105*		*80 - 120*		*03/22/12 00:43*	*1*
4-Bromofluorobenzene (Surr)	*112*		*80 - 120*		*03/22/12 00:43*	*1*
Toluene-d8 (Surr)	*106*		*80 - 120*		*03/22/12 00:43*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.50		ug/L			03/22/12 00:43	1
Ethylbenzene	ND		0.50		ug/L			03/22/12 00:43	1
Toluene	ND		0.50		ug/L			03/22/12 00:43	1
Xylenes, Total	ND		1.0		ug/L			03/22/12 00:43	1
Methyl-t-Butyl Ether (MTBE)	4.6		0.50		ug/L			03/22/12 00:43	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*112*		*80 - 120*		*03/22/12 00:43*	*1*
Dibromofluoromethane (Surr)	*105*		*80 - 120*		*03/22/12 00:43*	*1*
Toluene-d8 (Surr)	*106*		*80 - 120*		*03/22/12 00:43*	*1*

Client Sample ID: MW-1B

Lab Sample ID: 440-5775-2
Matrix: Water

Date Collected: 03/09/12 09:40
Date Received: 03/16/12 10:00

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Volatile Fuel Hydrocarbons (C4-C12)	ND		50		ug/L			03/22/12 01:08	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Dibromofluoromethane (Surr)	*102*		*80 - 120*		*03/22/12 01:08*	*1*
4-Bromofluorobenzene (Surr)	*109*		*80 - 120*		*03/22/12 01:08*	*1*
Toluene-d8 (Surr)	*108*		*80 - 120*		*03/22/12 01:08*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.50		ug/L			03/22/12 01:08	1
Ethylbenzene	ND		0.50		ug/L			03/22/12 01:08	1
Toluene	ND		0.50		ug/L			03/22/12 01:08	1
Xylenes, Total	ND		1.0		ug/L			03/22/12 01:08	1
Methyl-t-Butyl Ether (MTBE)	44		0.50		ug/L			03/22/12 01:08	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*109*		*80 - 120*		*03/22/12 01:08*	*1*
Dibromofluoromethane (Surr)	*102*		*80 - 120*		*03/22/12 01:08*	*1*
Toluene-d8 (Surr)	*108*		*80 - 120*		*03/22/12 01:08*	*1*

Client Sample ID: MW-2B

Lab Sample ID: 440-5775-3

Date Collected: 03/09/12 11:20
Date Received: 03/16/12 10:00

Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Volatile Fuel Hydrocarbons (C4-C12)	69		50		ug/L			03/22/12 01:34	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Dibromofluoromethane (Surr)	*102*		*80 - 120*		*03/22/12 01:34*	*1*
4-Bromofluorobenzene (Surr)	*108*		*80 - 120*		*03/22/12 01:34*	*1*
Toluene-d8 (Surr)	*105*		*80 - 120*		*03/22/12 01:34*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	3.7		0.50		ug/L			03/22/12 01:34	1
Ethylbenzene	1.2		0.50		ug/L			03/22/12 01:34	1
Toluene	2.3		0.50		ug/L			03/22/12 01:34	1
Xylenes, Total	2.8		1.0		ug/L			03/22/12 01:34	1
Methyl-t-Butyl Ether (MTBE)	49		0.50		ug/L			03/22/12 01:34	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*108*		*80 - 120*		*03/22/12 01:34*	*1*
Dibromofluoromethane (Surr)	*102*		*80 - 120*		*03/22/12 01:34*	*1*
Toluene-d8 (Surr)	*105*		*80 - 120*		*03/22/12 01:34*	*1*

Client Sample ID: MW-3

Lab Sample ID: 440-5775-4

Date Collected: 03/09/12 10:55
Date Received: 03/16/12 10:00

Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Volatile Fuel Hydrocarbons (C4-C12)	1900		130		ug/L			03/22/12 03:17	2.5

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Dibromofluoromethane (Surr)	*104*		*80 - 120*		*03/22/12 03:17*	*2.5*
4-Bromofluorobenzene (Surr)	*108*		*80 - 120*		*03/22/12 03:17*	*2.5*
Toluene-d8 (Surr)	*106*		*80 - 120*		*03/22/12 03:17*	*2.5*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		1.3		ug/L			03/22/12 03:17	2.5
Ethylbenzene	ND		1.3		ug/L			03/22/12 03:17	2.5
Toluene	ND		1.3		ug/L			03/22/12 03:17	2.5
Xylenes, Total	ND		2.5		ug/L			03/22/12 03:17	2.5
Isopropyl Ether (DIPE)	ND		1.3		ug/L			03/22/12 03:17	2.5
Ethyl-t-butyl ether (ETBE)	ND		1.3		ug/L			03/22/12 03:17	2.5
Methyl-t-Butyl Ether (MTBE)	2.3		1.3		ug/L			03/22/12 03:17	2.5
Tert-amyl-methyl ether (TAME)	ND		1.3		ug/L			03/22/12 03:17	2.5
tert-Butyl alcohol (TBA)	ND		25		ug/L			03/22/12 03:17	2.5
1,2-Dichloroethane	55		1.3		ug/L			03/22/12 03:17	2.5

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*108*		*80 - 120*		*03/22/12 03:17*	*2.5*
Dibromofluoromethane (Surr)	*104*		*80 - 120*		*03/22/12 03:17*	*2.5*
Toluene-d8 (Surr)	*106*		*80 - 120*		*03/22/12 03:17*	*2.5*

Client Sample ID: MW-4

Lab Sample ID: 440-5775-5

Date Collected: 03/09/12 10:16
Date Received: 03/16/12 10:00

Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Volatile Fuel Hydrocarbons (C4-C12)	ND		50		ug/L			03/22/12 01:59	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Dibromofluoromethane (Surr)	*104*		*80 - 120*		*03/22/12 01:59*	*1*
4-Bromofluorobenzene (Surr)	*107*		*80 - 120*		*03/22/12 01:59*	*1*
Toluene-d8 (Surr)	*108*		*80 - 120*		*03/22/12 01:59*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.50		ug/L			03/22/12 01:59	1
Ethylbenzene	ND		0.50		ug/L			03/22/12 01:59	1
Toluene	ND		0.50		ug/L			03/22/12 01:59	1
Xylenes, Total	ND		1.0		ug/L			03/22/12 01:59	1
Isopropyl Ether (DIPE)	ND		0.50		ug/L			03/22/12 01:59	1
Ethyl-t-butyl ether (ETBE)	ND		0.50		ug/L			03/22/12 01:59	1
Methyl-t-Butyl Ether (MTBE)	ND		0.50		ug/L			03/22/12 01:59	1
Tert-amyl-methyl ether (TAME)	ND		0.50		ug/L			03/22/12 01:59	1
tert-Butyl alcohol (TBA)	ND		10		ug/L			03/22/12 01:59	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*107*		*80 - 120*		*03/22/12 01:59*	*1*
Dibromofluoromethane (Surr)	*104*		*80 - 120*		*03/22/12 01:59*	*1*
Toluene-d8 (Surr)	*108*		*80 - 120*		*03/22/12 01:59*	*1*

Client Sample ID: MW-5

Lab Sample ID: 440-5775-6

Date Collected: 03/09/12 13:48
Date Received: 03/16/12 10:00

Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Volatile Fuel Hydrocarbons (C4-C12)	910		50		ug/L			03/22/12 02:25	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Dibromofluoromethane (Surr)	*104*		*80 - 120*		*03/22/12 02:25*	*1*
4-Bromofluorobenzene (Surr)	*112*		*80 - 120*		*03/22/12 02:25*	*1*
Toluene-d8 (Surr)	*107*		*80 - 120*		*03/22/12 02:25*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.50		ug/L			03/22/12 02:25	1
Ethylbenzene	ND		0.50		ug/L			03/22/12 02:25	1
Toluene	ND		0.50		ug/L			03/22/12 02:25	1
Xylenes, Total	ND		1.0		ug/L			03/22/12 02:25	1
Methyl-t-Butyl Ether (MTBE)	ND		0.50		ug/L			03/22/12 02:25	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*112*		*80 - 120*		*03/22/12 02:25*	*1*
Dibromofluoromethane (Surr)	*104*		*80 - 120*		*03/22/12 02:25*	*1*
Toluene-d8 (Surr)	*107*		*80 - 120*		*03/22/12 02:25*	*1*

Client Sample ID: MW-6

Lab Sample ID: 440-5775-7
Matrix: Water
Date Collected: 03/09/12 13:18
Date Received: 03/16/12 10:00

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Volatile Fuel Hydrocarbons (C4-C12)	ND		50		ug/L			03/22/12 02:51	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Dibromofluoromethane (Surr)	*106*		*80 - 120*		*03/22/12 02:51*	*1*
4-Bromofluorobenzene (Surr)	*108*		*80 - 120*		*03/22/12 02:51*	*1*
Toluene-d8 (Surr)	*102*		*80 - 120*		*03/22/12 02:51*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.50		ug/L			03/22/12 02:51	1
Ethylbenzene	ND		0.50		ug/L			03/22/12 02:51	1
Toluene	ND		0.50		ug/L			03/22/12 02:51	1
Xylenes, Total	ND		1.0		ug/L			03/22/12 02:51	1
Methyl-t-Butyl Ether (MTBE)	ND		0.50		ug/L			03/22/12 02:51	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*108*		*80 - 120*		*03/22/12 02:51*	*1*
Dibromofluoromethane (Surr)	*106*		*80 - 120*		*03/22/12 02:51*	*1*
Toluene-d8 (Surr)	*102*		*80 - 120*		*03/22/12 02:51*	*1*

Client Sample ID: MW-7

Lab Sample ID: 440-5775-8
Matrix: Water
Date Collected: 03/09/12 11:05
Date Received: 03/16/12 10:00

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Volatile Fuel Hydrocarbons (C4-C12)	2900		50		ug/L			03/22/12 18:23	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Dibromofluoromethane (Surr)	*95*		*80 - 120*		*03/22/12 18:23*	*1*
4-Bromofluorobenzene (Surr)	*97*		*80 - 120*		*03/22/12 18:23*	*1*
Toluene-d8 (Surr)	*103*		*80 - 120*		*03/22/12 18:23*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.50		ug/L			03/22/12 18:23	1
Ethylbenzene	46		0.50		ug/L			03/22/12 18:23	1
Toluene	1.3		0.50		ug/L			03/22/12 18:23	1
Xylenes, Total	100		1.0		ug/L			03/22/12 18:23	1
Methyl-t-Butyl Ether (MTBE)	ND		0.50		ug/L			03/22/12 18:23	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*97*		*80 - 120*		*03/22/12 18:23*	*1*
Dibromofluoromethane (Surr)	*95*		*80 - 120*		*03/22/12 18:23*	*1*
Toluene-d8 (Surr)	*103*		*80 - 120*		*03/22/12 18:23*	*1*

Client Sample ID: MW-8

Lab Sample ID: 440-5775-9

Date Collected: 03/09/12 11:36
Date Received: 03/16/12 10:00

Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Volatile Fuel Hydrocarbons (C4-C12)	6400		250		ug/L			03/22/12 04:39	5

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Dibromofluoromethane (Surr)	*88*		*80 - 120*		*03/22/12 04:39*	*5*
4-Bromofluorobenzene (Surr)	*96*		*80 - 120*		*03/22/12 04:39*	*5*
Toluene-d8 (Surr)	*100*		*80 - 120*		*03/22/12 04:39*	*5*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	38		2.5		ug/L			03/22/12 04:39	5
Ethylbenzene	180		2.5		ug/L			03/22/12 04:39	5
Toluene	13		2.5		ug/L			03/22/12 04:39	5
Xylenes, Total	820		5.0		ug/L			03/22/12 04:39	5
Methyl-t-Butyl Ether (MTBE)	ND		2.5		ug/L			03/22/12 04:39	5

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*96*		*80 - 120*		*03/22/12 04:39*	*5*
Dibromofluoromethane (Surr)	*88*		*80 - 120*		*03/22/12 04:39*	*5*
Toluene-d8 (Surr)	*100*		*80 - 120*		*03/22/12 04:39*	*5*

Client Sample ID: MW-9

Lab Sample ID: 440-5775-10

Date Collected: 03/09/12 09:23
Date Received: 03/16/12 10:00

Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Volatile Fuel Hydrocarbons (C4-C12)	ND		50		ug/L			03/22/12 05:08	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Dibromofluoromethane (Surr)	*89*		*80 - 120*		*03/22/12 05:08*	*1*
4-Bromofluorobenzene (Surr)	*92*		*80 - 120*		*03/22/12 05:08*	*1*
Toluene-d8 (Surr)	*98*		*80 - 120*		*03/22/12 05:08*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	1.0		0.50		ug/L			03/22/12 05:08	1
Ethylbenzene	ND		0.50		ug/L			03/22/12 05:08	1
Toluene	0.81		0.50		ug/L			03/22/12 05:08	1
Xylenes, Total	1.1		1.0		ug/L			03/22/12 05:08	1
Methyl-t-Butyl Ether (MTBE)	ND		0.50		ug/L			03/22/12 05:08	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*92*		*80 - 120*		*03/22/12 05:08*	*1*
Dibromofluoromethane (Surr)	*89*		*80 - 120*		*03/22/12 05:08*	*1*
Toluene-d8 (Surr)	*98*		*80 - 120*		*03/22/12 05:08*	*1*

Client Sample ID: MW-10

Lab Sample ID: 440-5775-11
Matrix: Water
Date Collected: 03/09/12 10:25
Date Received: 03/16/12 10:00

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Volatile Fuel Hydrocarbons (C4-C12)	93		50		ug/L			03/22/12 05:38	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Dibromofluoromethane (Surr)	*89*		*80 - 120*		*03/22/12 05:38*	*1*
4-Bromofluorobenzene (Surr)	*93*		*80 - 120*		*03/22/12 05:38*	*1*
Toluene-d8 (Surr)	*100*		*80 - 120*		*03/22/12 05:38*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	0.63		0.50		ug/L			03/22/12 05:38	1
Ethylbenzene	ND		0.50		ug/L			03/22/12 05:38	1
Toluene	ND		0.50		ug/L			03/22/12 05:38	1
Xylenes, Total	ND		1.0		ug/L			03/22/12 05:38	1
Methyl-t-Butyl Ether (MTBE)	ND		0.50		ug/L			03/22/12 05:38	1
tert-Butyl alcohol (TBA)	ND		10		ug/L			03/22/12 05:38	1
Tert-amyl-methyl ether (TAME)	ND		0.50		ug/L			03/22/12 05:38	1
1,2-Dichloroethane	ND		0.50		ug/L			03/22/12 05:38	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*93*		*80 - 120*		*03/22/12 05:38*	*1*
Dibromofluoromethane (Surr)	*89*		*80 - 120*		*03/22/12 05:38*	*1*
Toluene-d8 (Surr)	*100*		*80 - 120*		*03/22/12 05:38*	*1*

Client Sample ID: MW-11

Lab Sample ID: 440-5775-12
Matrix: Water
Date Collected: 03/09/12 13:35
Date Received: 03/16/12 10:00

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Volatile Fuel Hydrocarbons (C4-C12)	49000		2000		ug/L			03/22/12 06:08	40

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Dibromofluoromethane (Surr)	*89*		*80 - 120*		*03/22/12 06:08*	*40*
4-Bromofluorobenzene (Surr)	*96*		*80 - 120*		*03/22/12 06:08*	*40*
Toluene-d8 (Surr)	*102*		*80 - 120*		*03/22/12 06:08*	*40*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	1200		20		ug/L			03/22/12 06:08	40
Ethylbenzene	2300		20		ug/L			03/22/12 06:08	40
Toluene	5500		20		ug/L			03/22/12 06:08	40
Xylenes, Total	15000		40		ug/L			03/22/12 06:08	40
Methyl-t-Butyl Ether (MTBE)	35		20		ug/L			03/22/12 06:08	40
tert-Butyl alcohol (TBA)	ND		400		ug/L			03/22/12 06:08	40
Tert-amyl-methyl ether (TAME)	ND		20		ug/L			03/22/12 06:08	40
1,2-Dichloroethane	ND		20		ug/L			03/22/12 06:08	40

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*96*		*80 - 120*		*03/22/12 06:08*	*40*
Dibromofluoromethane (Surr)	*89*		*80 - 120*		*03/22/12 06:08*	*40*
Toluene-d8 (Surr)	*102*		*80 - 120*		*03/22/12 06:08*	*40*

Client Sample ID: MW-12

Lab Sample ID: 440-5775-13

Date Collected: 03/09/12 12:07
Date Received: 03/16/12 10:00

Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Volatile Fuel Hydrocarbons (C4-C12)	5900		200		ug/L			03/22/12 06:38	4

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Dibromofluoromethane (Surr)	*88*		*80 - 120*		*03/22/12 06:38*	*4*
4-Bromofluorobenzene (Surr)	*95*		*80 - 120*		*03/22/12 06:38*	*4*
Toluene-d8 (Surr)	*100*		*80 - 120*		*03/22/12 06:38*	*4*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	840		2.0		ug/L			03/22/12 06:38	4
Ethylbenzene	120		2.0		ug/L			03/22/12 06:38	4
Toluene	72		2.0		ug/L			03/22/12 06:38	4
Xylenes, Total	380		4.0		ug/L			03/22/12 06:38	4
Methyl-t-Butyl Ether (MTBE)	ND		2.0		ug/L			03/22/12 06:38	4

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*95*		*80 - 120*		*03/22/12 06:38*	*4*
Dibromofluoromethane (Surr)	*88*		*80 - 120*		*03/22/12 06:38*	*4*
Toluene-d8 (Surr)	*100*		*80 - 120*		*03/22/12 06:38*	*4*

Client Sample ID: MW-13

Lab Sample ID: 440-5775-14

Date Collected: 03/09/12 09:44
Date Received: 03/16/12 10:00

Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Volatile Fuel Hydrocarbons (C4-C12)	ND		50		ug/L			03/22/12 18:53	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Dibromofluoromethane (Surr)	*98*		*80 - 120*		*03/22/12 18:53*	*1*
4-Bromofluorobenzene (Surr)	*95*		*80 - 120*		*03/22/12 18:53*	*1*
Toluene-d8 (Surr)	*100*		*80 - 120*		*03/22/12 18:53*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.50		ug/L			03/22/12 18:53	1
Ethylbenzene	ND		0.50		ug/L			03/22/12 18:53	1
Toluene	ND		0.50		ug/L			03/22/12 18:53	1
Xylenes, Total	ND		1.0		ug/L			03/22/12 18:53	1
Methyl-t-Butyl Ether (MTBE)	ND		0.50		ug/L			03/22/12 18:53	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*95*		*80 - 120*		*03/22/12 18:53*	*1*
Dibromofluoromethane (Surr)	*98*		*80 - 120*		*03/22/12 18:53*	*1*
Toluene-d8 (Surr)	*100*		*80 - 120*		*03/22/12 18:53*	*1*

Client Sample ID: EW-1

Lab Sample ID: 440-5775-15

Date Collected: 03/09/12 11:55
Date Received: 03/16/12 10:00

Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Volatile Fuel Hydrocarbons (C4-C12)	18000		1000		ug/L			03/23/12 06:13	20

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Dibromofluoromethane (Surr)	*100*		*80 - 120*		*03/23/12 06:13*	*20*
4-Bromofluorobenzene (Surr)	*96*		*80 - 120*		*03/23/12 06:13*	*20*
Toluene-d8 (Surr)	*102*		*80 - 120*		*03/23/12 06:13*	*20*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	1100		10		ug/L			03/23/12 06:13	20
Ethylbenzene	1100		10		ug/L			03/23/12 06:13	20
Toluene	190		10		ug/L			03/23/12 06:13	20
Xylenes, Total	2000		20		ug/L			03/23/12 06:13	20
Methyl-t-Butyl Ether (MTBE)	140		10		ug/L			03/23/12 06:13	20

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*96*		*80 - 120*		*03/23/12 06:13*	*20*
Dibromofluoromethane (Surr)	*100*		*80 - 120*		*03/23/12 06:13*	*20*
Toluene-d8 (Surr)	*102*		*80 - 120*		*03/23/12 06:13*	*20*

Client Sample ID: EW-2

Lab Sample ID: 440-5775-16

Date Collected: 03/09/12 13:15
Date Received: 03/16/12 10:00

Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Volatile Fuel Hydrocarbons (C4-C12)	52000		2500		ug/L			03/23/12 06:43	50

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Dibromofluoromethane (Surr)	*99*		*80 - 120*		*03/23/12 06:43*	*50*
4-Bromofluorobenzene (Surr)	*98*		*80 - 120*		*03/23/12 06:43*	*50*
Toluene-d8 (Surr)	*101*		*80 - 120*		*03/23/12 06:43*	*50*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	200		25		ug/L			03/23/12 06:43	50
Ethylbenzene	2700		25		ug/L			03/23/12 06:43	50
Toluene	1500		25		ug/L			03/23/12 06:43	50
Xylenes, Total	16000		50		ug/L			03/23/12 06:43	50
Methyl-t-Butyl Ether (MTBE)	ND		25		ug/L			03/23/12 06:43	50

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*98*		*80 - 120*		*03/23/12 06:43*	*50*
Dibromofluoromethane (Surr)	*99*		*80 - 120*		*03/23/12 06:43*	*50*
Toluene-d8 (Surr)	*101*		*80 - 120*		*03/23/12 06:43*	*50*

Client Sample ID: MW-1A

Lab Sample ID: 440-5775-1

Date Collected: 03/09/12 10:05
Date Received: 03/16/12 10:00

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	10 mL	10 mL	14721	03/22/12 00:43	RM	TAL IRV
Total/NA	Analysis	8260B/CA_LUFTMS		1	10 mL	10 mL	14722	03/22/12 00:43	RM	TAL IRV

Client Sample ID: MW-1B

Lab Sample ID: 440-5775-2

Date Collected: 03/09/12 09:40
Date Received: 03/16/12 10:00

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	10 mL	10 mL	14721	03/22/12 01:08	RM	TAL IRV
Total/NA	Analysis	8260B/CA_LUFTMS		1	10 mL	10 mL	14722	03/22/12 01:08	RM	TAL IRV

Client Sample ID: MW-2B

Lab Sample ID: 440-5775-3

Date Collected: 03/09/12 11:20
Date Received: 03/16/12 10:00

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	10 mL	10 mL	14721	03/22/12 01:34	RM	TAL IRV
Total/NA	Analysis	8260B/CA_LUFTMS		1	10 mL	10 mL	14722	03/22/12 01:34	RM	TAL IRV

Client Sample ID: MW-3

Lab Sample ID: 440-5775-4

Date Collected: 03/09/12 10:55
Date Received: 03/16/12 10:00

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		2.5	10 mL	10 mL	14721	03/22/12 03:17	RM	TAL IRV
Total/NA	Analysis	8260B/CA_LUFTMS		2.5	10 mL	10 mL	14722	03/22/12 03:17	RM	TAL IRV

Client Sample ID: MW-4

Lab Sample ID: 440-5775-5

Date Collected: 03/09/12 10:16
Date Received: 03/16/12 10:00

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	10 mL	10 mL	14721	03/22/12 01:59	RM	TAL IRV
Total/NA	Analysis	8260B/CA_LUFTMS		1	10 mL	10 mL	14722	03/22/12 01:59	RM	TAL IRV

Client Sample ID: MW-5

Lab Sample ID: 440-5775-6

Date Collected: 03/09/12 13:48
Date Received: 03/16/12 10:00

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	10 mL	10 mL	14721	03/22/12 02:25	RM	TAL IRV
Total/NA	Analysis	8260B/CA_LUFTMS		1	10 mL	10 mL	14722	03/22/12 02:25	RM	TAL IRV

Lab Chronicle

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

TestAmerica Job ID: 440-5775-1

Client Sample ID: MW-6

Lab Sample ID: 440-5775-7

Date Collected: 03/09/12 13:18
Date Received: 03/16/12 10:00

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	10 mL	10 mL	14721	03/22/12 02:51	RM	TAL IRV
Total/NA	Analysis	8260B/CA_LUFTMS		1	10 mL	10 mL	14722	03/22/12 02:51	RM	TAL IRV

Client Sample ID: MW-7

Lab Sample ID: 440-5775-8

Date Collected: 03/09/12 11:05
Date Received: 03/16/12 10:00

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	10 mL	10 mL	14831	03/22/12 18:23	KK	TAL IRV
Total/NA	Analysis	8260B/CA_LUFTMS		1	10 mL	10 mL	14832	03/22/12 18:23	KK	TAL IRV

Client Sample ID: MW-8

Lab Sample ID: 440-5775-9

Date Collected: 03/09/12 11:36
Date Received: 03/16/12 10:00

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		5	10 mL	10 mL	14698	03/22/12 04:39	RM	TAL IRV
Total/NA	Analysis	8260B/CA_LUFTMS		5	10 mL	10 mL	14699	03/22/12 04:39	RM	TAL IRV

Client Sample ID: MW-9

Lab Sample ID: 440-5775-10

Date Collected: 03/09/12 09:23
Date Received: 03/16/12 10:00

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	10 mL	10 mL	14698	03/22/12 05:08	RM	TAL IRV
Total/NA	Analysis	8260B/CA_LUFTMS		1	10 mL	10 mL	14699	03/22/12 05:08	RM	TAL IRV

Client Sample ID: MW-10

Lab Sample ID: 440-5775-11

Date Collected: 03/09/12 10:25
Date Received: 03/16/12 10:00

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	10 mL	10 mL	14698	03/22/12 05:38	RM	TAL IRV
Total/NA	Analysis	8260B/CA_LUFTMS		1	10 mL	10 mL	14699	03/22/12 05:38	RM	TAL IRV

Client Sample ID: MW-11

Lab Sample ID: 440-5775-12

Date Collected: 03/09/12 13:35
Date Received: 03/16/12 10:00

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		40	10 mL	10 mL	14698	03/22/12 06:08	RM	TAL IRV
Total/NA	Analysis	8260B/CA_LUFTMS		40	10 mL	10 mL	14699	03/22/12 06:08	RM	TAL IRV

Lab Chronicle

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

TestAmerica Job ID: 440-5775-1

Client Sample ID: MW-12

Lab Sample ID: 440-5775-13

Date Collected: 03/09/12 12:07
Date Received: 03/16/12 10:00

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		4	10 mL	10 mL	14698	03/22/12 06:38	RM	TAL IRV
Total/NA	Analysis	8260B/CA_LUFTMS		4	10 mL	10 mL	14699	03/22/12 06:38	RM	TAL IRV

Client Sample ID: MW-13

Lab Sample ID: 440-5775-14

Date Collected: 03/09/12 09:44
Date Received: 03/16/12 10:00

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	10 mL	10 mL	14831	03/22/12 18:53	KK	TAL IRV
Total/NA	Analysis	8260B/CA_LUFTMS		1	10 mL	10 mL	14832	03/22/12 18:53	KK	TAL IRV

Client Sample ID: EW-1

Lab Sample ID: 440-5775-15

Date Collected: 03/09/12 11:55
Date Received: 03/16/12 10:00

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		20	10 mL	10 mL	15042	03/23/12 06:13	YK	TAL IRV
Total/NA	Analysis	8260B/CA_LUFTMS		20	10 mL	10 mL	15043	03/23/12 06:13	YK	TAL IRV

Client Sample ID: EW-2

Lab Sample ID: 440-5775-16

Date Collected: 03/09/12 13:15
Date Received: 03/16/12 10:00

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		50	10 mL	10 mL	15042	03/23/12 06:43	YK	TAL IRV
Total/NA	Analysis	8260B/CA_LUFTMS		50	10 mL	10 mL	15043	03/23/12 06:43	YK	TAL IRV

Laboratory References:

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

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

Lab Sample ID: MB 440-14698/4
Matrix: Water
Analysis Batch: 14698

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.50		ug/L			03/21/12 22:38	1
Ethylbenzene	ND		0.50		ug/L			03/21/12 22:38	1
Toluene	ND		0.50		ug/L			03/21/12 22:38	1
Xylenes, Total	ND		1.0		ug/L			03/21/12 22:38	1
Methyl-t-Butyl Ether (MTBE)	ND		0.50		ug/L			03/21/12 22:38	1
Tert-amyl-methyl ether (TAME)	ND		0.50		ug/L			03/21/12 22:38	1
tert-Butyl alcohol (TBA)	ND		10		ug/L			03/21/12 22:38	1
1,2-Dichloroethane	ND		0.50		ug/L			03/21/12 22:38	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*93*		*80 - 120*		*03/21/12 22:38*	*1*
Dibromofluoromethane (Surr)	*94*		*80 - 120*		*03/21/12 22:38*	*1*
Toluene-d8 (Surr)	*101*		*80 - 120*		*03/21/12 22:38*	*1*

Lab Sample ID: LCS 440-14698/5
Matrix: Water
Analysis Batch: 14698

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Benzene	25.0	26.6		ug/L		106	70 - 120
Ethylbenzene	25.0	25.4		ug/L		102	75 - 125
Toluene	25.0	26.9		ug/L		108	70 - 120
m,p-Xylene	50.0	54.7		ug/L		109	75 - 125
Methyl-t-Butyl Ether (MTBE)	25.0	23.3		ug/L		93	60 - 135
o-Xylene	25.0	27.4		ug/L		110	75 - 125

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*97*		*80 - 120*
Dibromofluoromethane (Surr)	*98*		*80 - 120*
Toluene-d8 (Surr)	*102*		*80 - 120*

Lab Sample ID: 440-5145-C-3 MS
Matrix: Water
Analysis Batch: 14698

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

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Benzene	150		25.0	158	4	ug/L		40	65 - 125
Ethylbenzene	200		25.0	199	4	ug/L		-9	65 - 130
Toluene	110		25.0	122	4	ug/L		60	70 - 125
m,p-Xylene	130		50.0	166		ug/L		75	65 - 130
Methyl-t-Butyl Ether (MTBE)	90		25.0	114		ug/L		96	55 - 145
o-Xylene	14		25.0	38.3		ug/L		99	65 - 125

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*99*		*80 - 120*
Dibromofluoromethane (Surr)	*94*		*80 - 120*
Toluene-d8 (Surr)	*101*		*80 - 120*

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

Lab Sample ID: 440-5145-C-3 MSD
Matrix: Water
Analysis Batch: 14698

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

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Benzene	150		25.0	153	4	ug/L		17	65 - 125	4	20
Ethylbenzene	200		25.0	196	4	ug/L		-22	65 - 130	2	20
Toluene	110		25.0	118	4	ug/L		46	70 - 125	3	20
m,p-Xylene	130		50.0	161	F	ug/L		64	65 - 130	3	25
Methyl-t-Butyl Ether (MTBE)	90		25.0	106		ug/L		66	55 - 145	7	25
o-Xylene	14		25.0	36.8		ug/L		93	65 - 125	4	20
Tert-amyl-methyl ether (TAME)	1.7		25.0	23.8		ug/L		89	60 - 140	12	30
tert-Butyl alcohol (TBA)	59		125	191		ug/L		106	65 - 140	21	25
1,2-Dichloroethane	ND		25.0	23.8		ug/L		95	60 - 140	11	20

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*99*		*80 - 120*
Dibromofluoromethane (Surr)	*94*		*80 - 120*
Toluene-d8 (Surr)	*101*		*80 - 120*

Lab Sample ID: MB 440-14721/4
Matrix: Water
Analysis Batch: 14721

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.50		ug/L			03/21/12 21:07	1
Ethylbenzene	ND		0.50		ug/L			03/21/12 21:07	1
Toluene	ND		0.50		ug/L			03/21/12 21:07	1
Xylenes, Total	ND		1.0		ug/L			03/21/12 21:07	1
Methyl-t-Butyl Ether (MTBE)	ND		0.50		ug/L			03/21/12 21:07	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*106*		*80 - 120*		*03/21/12 21:07*	*1*
Dibromofluoromethane (Surr)	*101*		*80 - 120*		*03/21/12 21:07*	*1*
Toluene-d8 (Surr)	*104*		*80 - 120*		*03/21/12 21:07*	*1*

Lab Sample ID: LCS 440-14721/5
Matrix: Water
Analysis Batch: 14721

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Benzene	25.0	23.4		ug/L		94	70 - 120
Ethylbenzene	25.0	24.7		ug/L		99	75 - 125
Toluene	25.0	23.6		ug/L		94	70 - 120
m,p-Xylene	50.0	48.0		ug/L		96	75 - 125
Methyl-t-Butyl Ether (MTBE)	25.0	23.5		ug/L		94	60 - 135
o-Xylene	25.0	24.6		ug/L		98	75 - 125

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*106*		*80 - 120*
Dibromofluoromethane (Surr)	*100*		*80 - 120*
Toluene-d8 (Surr)	*105*		*80 - 120*

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

Lab Sample ID: 440-5145-B-2 MS
Matrix: Water
Analysis Batch: 14721

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

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Benzene	1.0		25.0	24.3		ug/L		93	65 - 125
Ethylbenzene	12		25.0	34.6		ug/L		89	65 - 130
Toluene	11		25.0	34.5		ug/L		94	70 - 125
m,p-Xylene	32		50.0	75.5		ug/L		88	65 - 130
Methyl-t-Butyl Ether (MTBE)	ND		25.0	24.8		ug/L		99	55 - 145
o-Xylene	2.1		25.0	26.9		ug/L		99	65 - 125

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*106*		*80 - 120*
Dibromofluoromethane (Surr)	*104*		*80 - 120*
Toluene-d8 (Surr)	*107*		*80 - 120*

Lab Sample ID: 440-5145-B-2 MSD
Matrix: Water
Analysis Batch: 14721

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

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Benzene	1.0		25.0	23.2		ug/L		89	65 - 125	5	20
Ethylbenzene	12		25.0	33.1		ug/L		83	65 - 130	4	20
Toluene	11		25.0	32.2		ug/L		84	70 - 125	7	20
m,p-Xylene	32		50.0	69.1		ug/L		75	65 - 130	9	25
Methyl-t-Butyl Ether (MTBE)	ND		25.0	24.5		ug/L		98	55 - 145	1	25
o-Xylene	2.1		25.0	24.9		ug/L		91	65 - 125	8	20

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*104*		*80 - 120*
Dibromofluoromethane (Surr)	*106*		*80 - 120*
Toluene-d8 (Surr)	*105*		*80 - 120*

Lab Sample ID: MB 440-14831/4
Matrix: Water
Analysis Batch: 14831

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.50		ug/L			03/22/12 09:00	1
Ethylbenzene	ND		0.50		ug/L			03/22/12 09:00	1
Toluene	ND		0.50		ug/L			03/22/12 09:00	1
Xylenes, Total	ND		1.0		ug/L			03/22/12 09:00	1
Methyl-t-Butyl Ether (MTBE)	ND		0.50		ug/L			03/22/12 09:00	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*93*		*80 - 120*		*03/22/12 09:00*	*1*
Dibromofluoromethane (Surr)	*91*		*80 - 120*		*03/22/12 09:00*	*1*
Toluene-d8 (Surr)	*101*		*80 - 120*		*03/22/12 09:00*	*1*

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

Lab Sample ID: LCS 440-14831/5
Matrix: Water
Analysis Batch: 14831

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Benzene	25.0	24.9		ug/L		100	70 - 120
Ethylbenzene	25.0	23.7		ug/L		95	75 - 125
Toluene	25.0	25.9		ug/L		104	70 - 120
m,p-Xylene	50.0	51.7		ug/L		103	75 - 125
Methyl-t-Butyl Ether (MTBE)	25.0	24.0		ug/L		96	60 - 135
o-Xylene	25.0	26.3		ug/L		105	75 - 125

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*96*		*80 - 120*
Dibromofluoromethane (Surr)	*96*		*80 - 120*
Toluene-d8 (Surr)	*100*		*80 - 120*

Lab Sample ID: 440-5147-A-25 MS
Matrix: Water
Analysis Batch: 14831

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

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Benzene	13		25.0	38.0		ug/L		100	65 - 125
Ethylbenzene	ND		25.0	24.5		ug/L		98	65 - 130
Toluene	ND		25.0	27.3		ug/L		109	70 - 125
m,p-Xylene	ND		50.0	52.4		ug/L		105	65 - 130
Methyl-t-Butyl Ether (MTBE)	6.7		25.0	32.5		ug/L		103	55 - 145
o-Xylene	ND		25.0	27.0		ug/L		108	65 - 125

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*98*		*80 - 120*
Dibromofluoromethane (Surr)	*96*		*80 - 120*
Toluene-d8 (Surr)	*102*		*80 - 120*

Lab Sample ID: 440-5147-A-25 MSD
Matrix: Water
Analysis Batch: 14831

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

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Benzene	13		25.0	37.4		ug/L		98	65 - 125	2	20
Ethylbenzene	ND		25.0	24.7		ug/L		99	65 - 130	1	20
Toluene	ND		25.0	27.0		ug/L		108	70 - 125	1	20
m,p-Xylene	ND		50.0	53.1		ug/L		106	65 - 130	1	25
Methyl-t-Butyl Ether (MTBE)	6.7		25.0	30.1		ug/L		94	55 - 145	8	25
o-Xylene	ND		25.0	27.1		ug/L		108	65 - 125	0	20

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*97*		*80 - 120*
Dibromofluoromethane (Surr)	*94*		*80 - 120*
Toluene-d8 (Surr)	*100*		*80 - 120*

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

Lab Sample ID: MB 440-15042/4
Matrix: Water
Analysis Batch: 15042

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.50		ug/L			03/22/12 22:39	1
Ethylbenzene	ND		0.50		ug/L			03/22/12 22:39	1
Toluene	ND		0.50		ug/L			03/22/12 22:39	1
Xylenes, Total	ND		1.0		ug/L			03/22/12 22:39	1
Methyl-t-Butyl Ether (MTBE)	ND		0.50		ug/L			03/22/12 22:39	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*90*		*80 - 120*		*03/22/12 22:39*	*1*
Dibromofluoromethane (Surr)	*92*		*80 - 120*		*03/22/12 22:39*	*1*
Toluene-d8 (Surr)	*98*		*80 - 120*		*03/22/12 22:39*	*1*

Lab Sample ID: LCS 440-15042/5
Matrix: Water
Analysis Batch: 15042

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Benzene	25.0	26.3		ug/L		105	70 - 120
Ethylbenzene	25.0	25.3		ug/L		101	75 - 125
Toluene	25.0	27.4		ug/L		110	70 - 120
m,p-Xylene	50.0	54.3		ug/L		109	75 - 125
Methyl-t-Butyl Ether (MTBE)	25.0	24.3		ug/L		97	60 - 135
o-Xylene	25.0	27.5		ug/L		110	75 - 125

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*92*		*80 - 120*
Dibromofluoromethane (Surr)	*94*		*80 - 120*
Toluene-d8 (Surr)	*100*		*80 - 120*

Lab Sample ID: 440-5527-A-10 MS
Matrix: Water
Analysis Batch: 15042

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

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Benzene	ND		25.0	26.0		ug/L		104	65 - 125
Ethylbenzene	ND		25.0	24.7		ug/L		99	65 - 130
Toluene	ND		25.0	27.2		ug/L		109	70 - 125
m,p-Xylene	ND		50.0	52.6		ug/L		105	65 - 130
Methyl-t-Butyl Ether (MTBE)	1.2		25.0	27.4		ug/L		105	55 - 145
o-Xylene	ND		25.0	26.7		ug/L		107	65 - 125

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*96*		*80 - 120*
Dibromofluoromethane (Surr)	*97*		*80 - 120*
Toluene-d8 (Surr)	*100*		*80 - 120*

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

Lab Sample ID: 440-5527-A-10 MSD
Matrix: Water
Analysis Batch: 15042

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

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Benzene	ND		25.0	25.7		ug/L		103	65 - 125	1	20
Ethylbenzene	ND		25.0	24.0		ug/L		96	65 - 130	3	20
Toluene	ND		25.0	26.5		ug/L		106	70 - 125	3	20
m,p-Xylene	ND		50.0	51.0		ug/L		102	65 - 130	3	25
Methyl-t-Butyl Ether (MTBE)	1.2		25.0	27.3		ug/L		105	55 - 145	0	25
o-Xylene	ND		25.0	26.0		ug/L		104	65 - 125	3	20

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*93*		*80 - 120*
Dibromofluoromethane (Surr)	*98*		*80 - 120*
Toluene-d8 (Surr)	*99*		*80 - 120*

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

Lab Sample ID: MB 440-14699/4
Matrix: Water
Analysis Batch: 14699

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Volatile Fuel Hydrocarbons (C4-C12)	ND		50		ug/L			03/21/12 22:38	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Dibromofluoromethane (Surr)	*94*		*80 - 120*		*03/21/12 22:38*	*1*
4-Bromofluorobenzene (Surr)	*93*		*80 - 120*		*03/21/12 22:38*	*1*
Toluene-d8 (Surr)	*101*		*80 - 120*		*03/21/12 22:38*	*1*

Lab Sample ID: LCS 440-14699/6
Matrix: Water
Analysis Batch: 14699

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Volatile Fuel Hydrocarbons (C4-C12)	500	452		ug/L		90	55 - 130

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
Dibromofluoromethane (Surr)	*95*		*80 - 120*
4-Bromofluorobenzene (Surr)	*95*		*80 - 120*
Toluene-d8 (Surr)	*103*		*80 - 120*

Lab Sample ID: 440-5145-C-3 MS
Matrix: Water
Analysis Batch: 14699

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

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Volatile Fuel Hydrocarbons (C4-C12)	5600	E	1730	6390	E F	ug/L		43	50 - 145

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

Lab Sample ID: 440-5145-C-3 MS
Matrix: Water
Analysis Batch: 14699

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

Surrogate	MS %Recovery	MS Qualifier	Limits
Dibromofluoromethane (Surr)	*94*		*80 - 120*
4-Bromofluorobenzene (Surr)	*99*		*80 - 120*
Toluene-d8 (Surr)	*101*		*80 - 120*

Lab Sample ID: 440-5145-C-3 MSD
Matrix: Water
Analysis Batch: 14699

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

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Volatile Fuel Hydrocarbons (C4-C12)	5600	E	1730	6060	E F	ug/L		24	50 - 145	5	20

Surrogate	MSD %Recovery	MSD Qualifier	Limits
Dibromofluoromethane (Surr)	*94*		*80 - 120*
4-Bromofluorobenzene (Surr)	*99*		*80 - 120*
Toluene-d8 (Surr)	*101*		*80 - 120*

Lab Sample ID: MB 440-14722/4
Matrix: Water
Analysis Batch: 14722

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Volatile Fuel Hydrocarbons (C4-C12)	ND		50		ug/L			03/21/12 21:07	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
Dibromofluoromethane (Surr)	*101*		*80 - 120*		*03/21/12 21:07*	*1*
4-Bromofluorobenzene (Surr)	*106*		*80 - 120*		*03/21/12 21:07*	*1*
Toluene-d8 (Surr)	*104*		*80 - 120*		*03/21/12 21:07*	*1*

Lab Sample ID: LCS 440-14722/6
Matrix: Water
Analysis Batch: 14722

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Volatile Fuel Hydrocarbons (C4-C12)	500	498		ug/L		100	55 - 130

Surrogate	LCS %Recovery	LCS Qualifier	Limits
Dibromofluoromethane (Surr)	*101*		*80 - 120*
4-Bromofluorobenzene (Surr)	*109*		*80 - 120*
Toluene-d8 (Surr)	*106*		*80 - 120*

Lab Sample ID: 440-5145-B-2 MS
Matrix: Water
Analysis Batch: 14722

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

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Volatile Fuel Hydrocarbons (C4-C12)	580		1730	1970		ug/L		80	50 - 145

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

Lab Sample ID: 440-5145-B-2 MS
Matrix: Water
Analysis Batch: 14722

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

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
Dibromofluoromethane (Surr)	*104*		*80 - 120*
4-Bromofluorobenzene (Surr)	*106*		*80 - 120*
Toluene-d8 (Surr)	*107*		*80 - 120*

Lab Sample ID: 440-5145-B-2 MSD
Matrix: Water
Analysis Batch: 14722

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

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Volatile Fuel Hydrocarbons (C4-C12)	580		1730	1880		ug/L		75	50 - 145	4	20

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
Dibromofluoromethane (Surr)	*106*		*80 - 120*
4-Bromofluorobenzene (Surr)	*104*		*80 - 120*
Toluene-d8 (Surr)	*105*		*80 - 120*

Lab Sample ID: MB 440-14832/4
Matrix: Water
Analysis Batch: 14832

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Volatile Fuel Hydrocarbons (C4-C12)	ND		50		ug/L			03/22/12 09:00	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Dibromofluoromethane (Surr)	*91*		*80 - 120*		*03/22/12 09:00*	*1*
4-Bromofluorobenzene (Surr)	*93*		*80 - 120*		*03/22/12 09:00*	*1*
Toluene-d8 (Surr)	*101*		*80 - 120*		*03/22/12 09:00*	*1*

Lab Sample ID: LCS 440-14832/6
Matrix: Water
Analysis Batch: 14832

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Volatile Fuel Hydrocarbons (C4-C12)	500	463		ug/L		93	55 - 130

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
Dibromofluoromethane (Surr)	*94*		*80 - 120*
4-Bromofluorobenzene (Surr)	*96*		*80 - 120*
Toluene-d8 (Surr)	*101*		*80 - 120*

Lab Sample ID: 440-5147-A-25 MS
Matrix: Water
Analysis Batch: 14832

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

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Volatile Fuel Hydrocarbons (C4-C12)	460		1730	1490		ug/L		60	50 - 145

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

Lab Sample ID: 440-5147-A-25 MS
Matrix: Water
Analysis Batch: 14832

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

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
Dibromofluoromethane (Surr)	*96*		*80 - 120*
4-Bromofluorobenzene (Surr)	*98*		*80 - 120*
Toluene-d8 (Surr)	*102*		*80 - 120*

Lab Sample ID: 440-5147-A-25 MSD
Matrix: Water
Analysis Batch: 14832

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

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Volatile Fuel Hydrocarbons (C4-C12)	460		1730	1440		ug/L		57	50 - 145	3	20

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
Dibromofluoromethane (Surr)	*94*		*80 - 120*
4-Bromofluorobenzene (Surr)	*97*		*80 - 120*
Toluene-d8 (Surr)	*100*		*80 - 120*

Lab Sample ID: MB 440-15043/4
Matrix: Water
Analysis Batch: 15043

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Volatile Fuel Hydrocarbons (C4-C12)	ND		50		ug/L			03/22/12 22:39	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Dibromofluoromethane (Surr)	*92*		*80 - 120*		*03/22/12 22:39*	*1*
4-Bromofluorobenzene (Surr)	*90*		*80 - 120*		*03/22/12 22:39*	*1*
Toluene-d8 (Surr)	*98*		*80 - 120*		*03/22/12 22:39*	*1*

Lab Sample ID: LCS 440-15043/6
Matrix: Water
Analysis Batch: 15043

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Volatile Fuel Hydrocarbons (C4-C12)	500	444		ug/L		89	55 - 130

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
Dibromofluoromethane (Surr)	*92*		*80 - 120*
4-Bromofluorobenzene (Surr)	*92*		*80 - 120*
Toluene-d8 (Surr)	*100*		*80 - 120*

Lab Sample ID: 440-5527-A-10 MS
Matrix: Water
Analysis Batch: 15043

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

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Volatile Fuel Hydrocarbons (C4-C12)	ND		1730	1230		ug/L		71	50 - 145

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

Lab Sample ID: 440-5527-A-10 MS
Matrix: Water
Analysis Batch: 15043

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

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
Dibromofluoromethane (Surr)	*97*		*80 - 120*
4-Bromofluorobenzene (Surr)	*96*		*80 - 120*
Toluene-d8 (Surr)	*100*		*80 - 120*

Lab Sample ID: 440-5527-A-10 MSD
Matrix: Water
Analysis Batch: 15043

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

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Volatile Fuel Hydrocarbons (C4-C12)	ND		1730	1200		ug/L		70	50 - 145	2	20

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
Dibromofluoromethane (Surr)	*98*		*80 - 120*
4-Bromofluorobenzene (Surr)	*93*		*80 - 120*
Toluene-d8 (Surr)	*99*		*80 - 120*

GC/MS VOA

Analysis Batch: 14698

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
440-5145-C-3 MS	Matrix Spike	Total/NA	Water	8260B	
440-5145-C-3 MSD	Matrix Spike Duplicate	Total/NA	Water	8260B	
440-5775-9	MW-8	Total/NA	Water	8260B	
440-5775-10	MW-9	Total/NA	Water	8260B	
440-5775-11	MW-10	Total/NA	Water	8260B	
440-5775-12	MW-11	Total/NA	Water	8260B	
440-5775-13	MW-12	Total/NA	Water	8260B	
LCS 440-14698/5	Lab Control Sample	Total/NA	Water	8260B	
MB 440-14698/4	Method Blank	Total/NA	Water	8260B	

Analysis Batch: 14699

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
440-5145-C-3 MS	Matrix Spike	Total/NA	Water	8260B/CA_LUFT MS	
440-5145-C-3 MSD	Matrix Spike Duplicate	Total/NA	Water	8260B/CA_LUFT MS	
440-5775-9	MW-8	Total/NA	Water	8260B/CA_LUFT MS	
440-5775-10	MW-9	Total/NA	Water	8260B/CA_LUFT MS	
440-5775-11	MW-10	Total/NA	Water	8260B/CA_LUFT MS	
440-5775-12	MW-11	Total/NA	Water	8260B/CA_LUFT MS	
440-5775-13	MW-12	Total/NA	Water	8260B/CA_LUFT MS	
LCS 440-14699/6	Lab Control Sample	Total/NA	Water	8260B/CA_LUFT MS	
MB 440-14699/4	Method Blank	Total/NA	Water	8260B/CA_LUFT MS	

Analysis Batch: 14721

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
440-5145-B-2 MS	Matrix Spike	Total/NA	Water	8260B	
440-5145-B-2 MSD	Matrix Spike Duplicate	Total/NA	Water	8260B	
440-5775-1	MW-1A	Total/NA	Water	8260B	
440-5775-2	MW-1B	Total/NA	Water	8260B	
440-5775-3	MW-2B	Total/NA	Water	8260B	
440-5775-4	MW-3	Total/NA	Water	8260B	
440-5775-5	MW-4	Total/NA	Water	8260B	
440-5775-6	MW-5	Total/NA	Water	8260B	
440-5775-7	MW-6	Total/NA	Water	8260B	
LCS 440-14721/5	Lab Control Sample	Total/NA	Water	8260B	
MB 440-14721/4	Method Blank	Total/NA	Water	8260B	

Analysis Batch: 14722

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
440-5145-B-2 MS	Matrix Spike	Total/NA	Water	8260B/CA_LUFT MS	
440-5145-B-2 MSD	Matrix Spike Duplicate	Total/NA	Water	8260B/CA_LUFT MS	
440-5775-1	MW-1A	Total/NA	Water	8260B/CA_LUFT MS	
440-5775-2	MW-1B	Total/NA	Water	8260B/CA_LUFT MS	

GC/MS VOA (Continued)

Analysis Batch: 14722 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
440-5775-3	MW-2B	Total/NA	Water	8260B/CA_LUFT MS	
440-5775-4	MW-3	Total/NA	Water	8260B/CA_LUFT MS	
440-5775-5	MW-4	Total/NA	Water	8260B/CA_LUFT MS	
440-5775-6	MW-5	Total/NA	Water	8260B/CA_LUFT MS	
440-5775-7	MW-6	Total/NA	Water	8260B/CA_LUFT MS	
LCS 440-14722/6	Lab Control Sample	Total/NA	Water	8260B/CA_LUFT MS	
MB 440-14722/4	Method Blank	Total/NA	Water	8260B/CA_LUFT MS	

Analysis Batch: 14831

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
440-5147-A-25 MS	Matrix Spike	Total/NA	Water	8260B	
440-5147-A-25 MSD	Matrix Spike Duplicate	Total/NA	Water	8260B	
440-5775-8	MW-7	Total/NA	Water	8260B	
440-5775-14	MW-13	Total/NA	Water	8260B	
LCS 440-14831/5	Lab Control Sample	Total/NA	Water	8260B	
MB 440-14831/4	Method Blank	Total/NA	Water	8260B	

Analysis Batch: 14832

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
440-5147-A-25 MS	Matrix Spike	Total/NA	Water	8260B/CA_LUFT MS	
440-5147-A-25 MSD	Matrix Spike Duplicate	Total/NA	Water	8260B/CA_LUFT MS	
440-5775-8	MW-7	Total/NA	Water	8260B/CA_LUFT MS	
440-5775-14	MW-13	Total/NA	Water	8260B/CA_LUFT MS	
LCS 440-14832/6	Lab Control Sample	Total/NA	Water	8260B/CA_LUFT MS	
MB 440-14832/4	Method Blank	Total/NA	Water	8260B/CA_LUFT MS	

Analysis Batch: 15042

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
440-5527-A-10 MS	Matrix Spike	Total/NA	Water	8260B	
440-5527-A-10 MSD	Matrix Spike Duplicate	Total/NA	Water	8260B	
440-5775-15	EW-1	Total/NA	Water	8260B	
440-5775-16	EW-2	Total/NA	Water	8260B	
LCS 440-15042/5	Lab Control Sample	Total/NA	Water	8260B	
MB 440-15042/4	Method Blank	Total/NA	Water	8260B	

Analysis Batch: 15043

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
440-5527-A-10 MS	Matrix Spike	Total/NA	Water	8260B/CA_LUFT MS	
440-5527-A-10 MSD	Matrix Spike Duplicate	Total/NA	Water	8260B/CA_LUFT MS	
440-5775-15	EW-1	Total/NA	Water	8260B/CA_LUFT MS	

GC/MS VOA (Continued)

Analysis Batch: 15043 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
440-5775-16	EW-2	Total/NA	Water	8260B/CA_LUFT MS	
LCS 440-15043/6	Lab Control Sample	Total/NA	Water	8260B/CA_LUFT MS	
MB 440-15043/4	Method Blank	Total/NA	Water	8260B/CA_LUFT MS	

Qualifiers

GC/MS VOA

Qualifier	Qualifier Description
4	MS, MSD: The analyte present in the original sample is 4 times greater than the matrix spike concentration; therefore, control limits are not applicable.
E	Result exceeded calibration range.
F	MS or MSD exceeds the control limits

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
☼	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CNF	Contains no Free Liquid
DL, RA, RE, IN	Indicates a Dilution, Reanalysis, Re-extraction, or additional Initial metals/anion analysis of the sample
EDL	Estimated Detection Limit
EPA	United States Environmental Protection Agency
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
ND	Not detected at the reporting limit (or MDL or EDL if shown)
PQL	Practical Quantitation Limit
QC	Quality Control
RL	Reporting Limit
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)

Certification Summary

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

TestAmerica Job ID: 440-5775-1

Laboratory	Authority	Program	EPA Region	Certification ID
TestAmerica Irvine	Arizona	State Program	9	AZ0671
TestAmerica Irvine	California	LA Cty Sanitation Districts	9	10256
TestAmerica Irvine	California	NELAC	9	1108CA
TestAmerica Irvine	California	State Program	9	2706
TestAmerica Irvine	Guam	State Program	9	Cert. No. 10.001r
TestAmerica Irvine	Hawaii	State Program	9	N/A
TestAmerica Irvine	Nevada	State Program	9	CA015312007A
TestAmerica Irvine	New Mexico	State Program	6	N/A
TestAmerica Irvine	Northern Mariana Islands	State Program	9	MP0002
TestAmerica Irvine	Oregon	NELAC	10	4005
TestAmerica Irvine	USDA	Federal		P330-09-00080

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

Shell Oil Products Chain Of Custody Record

LAB (LOCATION)
- ☐ CALSCIENCE (_____)
- ☐ SPL Houston (_____)
- ☐ 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: 240612 Peter Schaefer
INCIDENT # (ENV SERVICES): 9 8 9 9 6 0 6 8
☐ CHECK IF NO INCIDENT # APPLIES
DATE: 3/09/2012
PO #:
SAP #: 1 3 6 0 1 9
PAGE: 1 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, CA
PHONE NO.: 510-420-3343
E-MAIL: ShellEDF@CRAWorld.com; Shell-US-LabDataManagement@CRAworld.com
CONSULTANT PROJECT NO.: 240612-95-12.02
PROJECT CONTACT (Hardcopy or PDF Report to): Lorin King
TELEPHONE: (310) 885-4455 x 108
FAX: (310) 637-6802
E-MAIL: lking@blainetech.com
SAMPLER NAME(S) (Print): Gregory Roberts / Daniel Allen
LAB USE ONLY: 440-5775

TURNAROUND TIME (CALENDAR DAYS):
☒ STANDARD (14 DAY) ☐ 5 DAYS ☐ 3 DAYS ☐ 2 DAYS ☐ 24 HOURS ☐ RESULTS NEEDED ON WEEKEND
☐ LA - RWQCB REPORT FORMAT ☐ UST AGENCY:

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

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

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

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

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

REQUESTED ANALYSIS

LAB USE ONLY	SAMPLE ID	PROJECT NUMBER	DATE (MMDDYY)	SAMPLER INITIALS	WELL ID	TIME	MATRIX	PRESERVATIVE: HCL	HNO3	H2SO4	NONE	OTHER	NO. OF CONT.	TPH-GRO, Purgeable (8260B)	TPH-DRO, Extractable (8015M)	BTEX (8260B)	BTEX + MTBE (8260B)	BTEX + MTBE + TBA (8260B)	BTEX + 5 OXYs (MTBE, TBA, DIPE, TAME, ETBE) 8260B	VOCs Full list (8260B)	Single Compound: _____ (8260B)	1,2 DCA (8260B)	EDB (8260B)	Ethanol (8260B)	Methanol (8015B)	TEMPERATURE ON RECEIPT, °C: Container PID Readings or Laboratory Notes
	WG	120309-GR	~~3/09/2012~~ 030912	DW	MW-1A	1005	WG	X					3	X			X									C3 3.6
	WG			DW	MW-1B	0940	WG	X					3	X			X									
	WG			DW	MW-2B	1120	WG	X					3	X			X									
	WG			DW	MW-3	1055	WG	X					3	X					X			X				
	WG			GR	MW-4	1016	WG	X					3	X					X							
	WG			GR	MW-5	1348	WG	X					3	X			X									
	WG			GR	MW-6	1318	WG	X					3	X			X									
	WG			GR	MW-7	1105	WG	X					3	X			X									
	WG			GR	MW-8	1136	WG	X					3	X			X									
	WG			GR	MW-9	0923	WG	X					3	X			X									

Relinquished by: (Signature)		Received by: (Signature)	Date:	Time:
	1540	(Sample Custodian)	3/09/2012	1540
			03/10/12	0940
	TBK		03/10/12	1040

3-15-12 16:00

3/16/12 10:00

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4/4/2012

Shell Oil Products Chain Of Custody Record

LAB (LOCATION)
- ☐ CALSCIENCE (_____)
- ☐ SPL Houston (_____)
- ☐ 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: 240612 Peter Schaefer

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

☐ CHECK IF NO INCIDENT # APPLIES

DATE: 3/09/2012

PAGE: 2 of 2

PO #

SAP #: 1 3 6 0 1 9

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, CA	PHONE NO.: 510-420-3343	E-MAIL: ShellEDF@CRAWorld.com; Shell-US-LabDataManagement@CRAworld.com	CONSULTANT PROJECT NO.: 240612-95-12.02
PROJECT CONTACT (Hardcopy or PDF Report to): Lorin King		SAMPLER NAME(S) (Print): Gregory Roberts / Daniel Allen	LAB USE ONLY
TELEPHONE: (310) 885-4455 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:

REQUESTED ANALYSIS

SPECIAL INSTRUCTIONS OR NOTES:

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

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

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

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

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

TEMPERATURE ON RECEIPT, °C: CS 3.6

LAB USE ONLY	SAMPLE ID: PROJECT NUMBER	DATE (MMDDYY)	SAMPLER INITIALS	WELL ID	TIME	MATRIX	PRESERVATIVE: HCL	HNO3	H2SO4	NONE	OTHER	NO. OF CONT.	TPH-GRO, Purgeable (8260B)	TPH-DRO, Extractable (8015M)	BTEX (8260B)	BTEX + MTBE (8260B)	BTEX + MTBE + TBA (8260B)	BTEX + 5 OXYs (MTBE, TBA, DIPE, TAME, ETBE) 8260B	VOCs Full list (8260B)	Single Compound: TAME (8260B)	1,2 DCA (8260B)	EDB (8260B)	Ethanol (8260B)	Methanol (8015B)	Container PID Readings or Laboratory Notes
	WG	120309-GR1	~~3/09/2012~~ 030912	DW	MW-10	1025	WG	X					3	X				X			X	X				
	WG			DW	MW-11	1335	WG	X					3	X				X			X	X				
	WG			GR	MW-12	1207	WG	X					3	X			X									
	WG			GR	MW-13	0944	WG	X					3	X			X									
	WG			DW	EW-1	1155	WG	X					3	X			X									
	WG			DW	EW-2	1315	WG	X					3	X			X									

Relinquished by: (Signature)		Received by: (Signature)	Date: 3/09/2012	Time: 1540
Relinquished by: (Signature)		Received by: (Signature)	Date: 03/15/12	Time: 0940
Relinquished by: (Signature)	TBR	Received by: (Signature)	Date: 03/15/12	Time: 1040

3-15-12 16:00

3/16/12 10:00

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4/4/2012

Login Sample Receipt Checklist

Client: Conestoga-Rovers & Associates, Inc.

Job Number: 440-5775-1

Login Number: 5775
List Number: 1
Creator: Van Banh, Vu

List Source: TestAmerica Irvine

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