CONESTOGA-ROVERS & ASSOCIATES

5900 Hollis Street, Suite A
Emeryville, California 94608
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TRANSMITTAL

DATE: January 20, 2014 **REFERENCE NO.:** 200497

PROJECT NAME: 3790 Hopyard Road, Pleasanton

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

Please find enclosed:
- ☐ Draft
- ☐ Originals
- ☐ Prints
- ☒ Final
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- ☐ Mail
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- ☒ Other GeoTracker and Alameda County FTP

QUANTITY	DESCRIPTION
1	Groundwater Monitoring Report – Fourth Quarter 2013

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

COMMENTS:
If you have any questions regarding the contents of this document, please call the CRA project manager Peter Schaefer at (510) 420-3319 or the Shell program manager Perry Pineda at (425) 413-1164.

Copy to: Perry Pineda, Shell Oil Products US (electronic copy)
Danielle Stefani, Livermore-Pleasanton Fire Department, 3560 Nevada Street, Pleasanton, CA 94566-6267
Colleen Winey, Zone 7 Water Agency (electronic copy)
Anabi Real Estate Development LLC, Attn: Rene Anabi, 1041 North Benson Avenue, Upland, CA 91786-2157

Completed by: Peter Schaefer Signed: Peter Schaefer

Filing: **Correspondence File**

Shell Oil Products US
Soil and Groundwater Focus Delivery Group
20945 S. Wilmington Avenue
Carson, CA 90810
Tel (425) 413 1164
Fax (425) 413 0988
Email perry.pineda@shell.com
Internet http://www.shell.com

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

Re: 3790 Hopyard Road
Pleasanton, California
SAP Code 135784
Incident No. 98995842
ACEH Case No. RO0000363

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.

As always, please feel free to contact me directly at (425) 413-1164 with any questions or concerns.

Sincerely,
Shell Oil Products US

Perry Pineda
Senior Environmental Program Manager

GROUNDWATER MONITORING REPORT - FOURTH QUARTER 2013

SHELL-BRANDED SERVICE STATION
3790 HOPYARD ROAD
PLEASANTON, CALIFORNIA

SAP CODE	135784
INCIDENT NO.	98995842
AGENCY NO.	RO0000363

Prepared by:
Conestoga-Rovers & Associates

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Emeryville, California
U.S.A. 94608

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JANUARY 20, 2014
REF. NO. 200497 (7)
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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	3790 Hopyard Road, Pleasanton
Site Use	Shell-branded Service Station
Shell Project Manager	Perry Pineda
CRA Project Manager	Peter Schaefer
Lead Agency and Contact	ACEH, Jerry Wickham
Agency Case No.	RO0000363
Shell SAP Code	135784
Shell Incident No.	98995842

Date of most recent agency correspondence was November 6, 2013 (electronic).

2.0 SITE ACTIVITIES, FINDINGS, AND DISCUSSION

2.1 CURRENT QUARTER'S ACTIVITIES

CRA submitted a *Site Conceptual Model and Closure Request* on September 3, 2013.

As requested in CRA's November 6, 2013 telephone conversation with Alameda County Environmental Health (ACEH), CRA provided ACEH with a proposal for a special groundwater monitoring event via electronic correspondence on November 6, 2013, and ACEH conditionally approved the proposal via electronic correspondence the same day.

On November 8, 2013, Blaine Tech Services, Inc. (Blaine) gauged and sampled wells S-5, S-7 through S-9, S-9B, S-11, and S-12 to better establish concentration trends for methyl tertiary-butyl ether (MTBE).

As agreed during Shell's and CRA's March 28, 2012 meeting with ACEH, Blaine also gauged and sampled well S-6 quarterly from second quarter to fourth quarter 2013 to better establish concentration trends for tertiary-butyl alcohol (TBA).

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 reports are presented in Appendix B.

2.2 CURRENT QUARTER'S FINDINGS

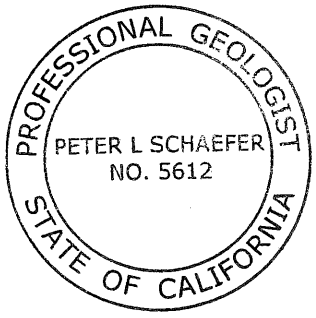
Groundwater Flow Direction	Generally southeasterly
Hydraulic Gradient	0.03
Depth to Water	15.12 to 47.09 feet below top of well casing

2.3 PROPOSED ACTIVITIES

CRA's September 3, 2013, *Site Conceptual Model and Closure Request* requested that ACEH suspend groundwater monitoring requirements during closure review. As discussed in CRA's January 14, 2014 telephone conversation with ACEH, CRA will suspend the groundwater monitoring program during the closure review. No further groundwater monitoring events are scheduled.

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

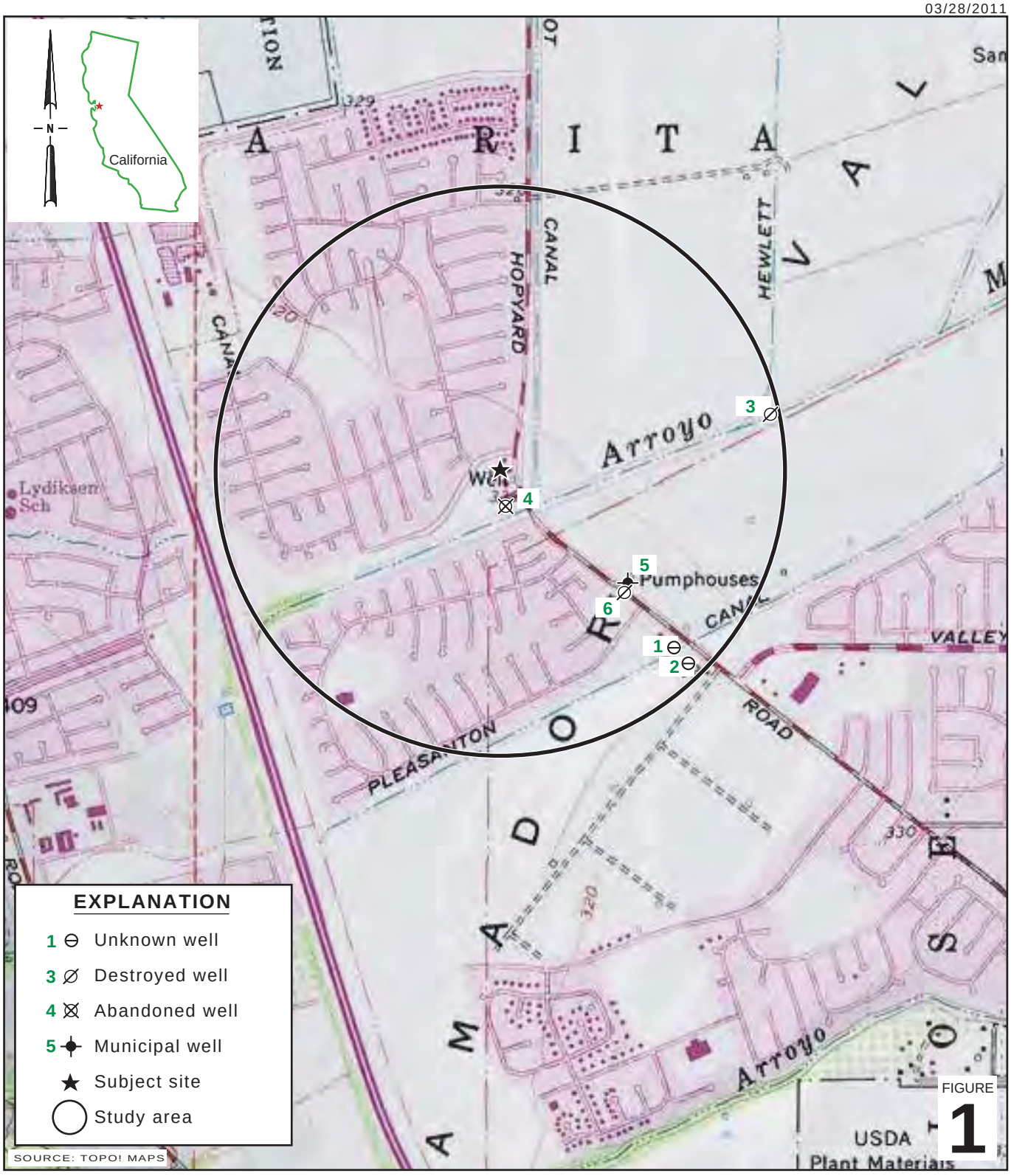
Peter Schaefer, CHG, CEG



Aubrey K. Cool, PG

FIGURES

03/28/2011



I:\Shell\6-chars\2004--\200497-Pleasanton 3790 Hopyard\200497-FIGURES\200497 VICINITY.AI

0 1/8 1/4 1/2 1

SCALE : 1" = 1/4 MILE

FIGURE 1

Shell-branded Service Station
3790 Hopyard Road
Pleasanton, California

CONESTOGA-ROVERS & ASSOCIATES

Vicinity Map

EXPLANATION

- **S-2** Monitoring well location (shallow zone)
- **S-5B** Monitoring well location (intermediate zone; not used in contouring)
- **S-5C** Monitoring well location (deep zone; not used in contouring)
- **SR-1** Groundwater recovery well location
- **S-1** Destroyed monitoring well location
- **ST-1** Destroyed tank backfill well location
- **C-1** Creek gauging station (not sampled nor used in contouring)
- Electrical line (E)
- Telecommunication line (T)
- Gas line (G)
- Storm drain line (STM)
- Sanitary sewer line (SAN)
- Water line (W)
- Fire hydrant
- Groundwater flow direction and gradient (x.xx)
- XX.XX Groundwater elevation contour, in feet above mean sea level (ft MSL)

Well — Well designation
ELEV — Groundwater elevation, in ft MSL
Benzene / MTBE / TBA — Benzene, MTBE, and TBA concentrations are in micrograms per liter

Notes:
<X = Not detected at reporting limit X
NA = Not analyzed

LAS POSITAS BOULEVARD

HOPYARD ROAD

CANAL ARROYO MOCHO

Former USTs
ST-2
ST-1
T-1
T-2
T-3
T-4
USTs
Former Dispensers
S-3
S-2
SR-3
S-1
S-4
SR-2
Dispenser Islands
Former W/O USTs
Station Building
7-11 Store Building
SR-1
S-5C
S-5B
S-10
S-8
310.19
NA
2.2
NA
S-6
312.14
<2.0
7.9
2,500
S-5
313.55
NA
120
NA
S-11
309.57
NA
6.9
NA
S-7
310.69
NA
1.1
NA
S-9C
S-9B
283.38
NA
<0.50
NA
S-9
308.63
NA
6.5
NA
S-12
304.50
NA
<0.50
NA
S-14
S-15
C-1
312.00
309.00
306.00
0.03

0 20 60ft

Figure 2

Groundwater Contour and Chemical Concentration Map
November 8, 2013
Shell-branded Service Station
3790 Hopyard Road
Pleasanton, California

I:\Shell\6-chars\2004--\200497-Pleasanton 3790 Hopyard\200497-REPORTS\200497-RPT7-4Q13\200497 4QM13-GW.DWG (11/26/2013)

TABLE

TABLE 1

GROUNDWATER DATA
SHELL-BRANDED SERVICE STATION
3790 HOPYARD ROAD, PLEASANTON, CALIFORNIA

Well ID	Date	TPHg (µg/L)	B (µg/L)	T (µg/L)	E (µg/L)	X (µg/L)	MTBE 8020 (µg/L)	MTBE 8260 (µg/L)	TBA (µg/L)	DIPE (µg/L)	ETBE (µg/L)	TAME (µg/L)	1,2-DCA (µg/L)	EDB (µg/L)	Ethanol (µg/L)	TOC (ft MSL)	Depth to Water (ft TOC)	GW Elevation (ft MSL)	SPH Thickness (ft)	DO Reading (mg/L)
S-1	11/06/1987	920	230	<5	150	150	---	---	---	---	---	---	---	---	---	---	---	---	---	---
S-1	02/14/1988	3,500	1,300	<40	500	500	---	---	---	---	---	---	---	---	---	---	---	---	---	---
S-2	11/06/1987	16,000	870	100	2,700	2,700	---	---	---	---	---	---	---	---	---	---	---	---	---	---
S-2	02/14/1988	1,800	440	<10	140	140	---	---	---	---	---	---	---	---	---	---	---	---	---	---
S-2	10/13/1988	550	110	1	45	15	---	---	---	---	---	---	---	---	---	---	---	---	---	---
S-2	01/31/1989	620	170	2	62	14	---	---	---	---	---	---	---	---	---	---	---	---	---	---
S-2	03/07/1989	1,900	260	270	130	260	---	---	---	---	---	---	---	---	---	---	---	---	---	---
S-2	06/26/1989	320	88	1	32	10	---	---	---	---	---	---	---	---	---	---	---	---	---	---
S-2	09/08/1989	230	80	1	30	15	---	---	---	---	---	---	---	---	---	---	---	---	---	---
S-2	12/14/1989	160	56	0.5	21	3	---	---	---	---	---	---	---	---	---	---	---	---	---	---
S-2	03/05/1990	710	57	<0.5	<0.5	88	---	---	---	---	---	---	---	---	---	---	---	---	---	---
S-2	06/14/1990	110	39	0.5	11	2	---	---	---	---	---	---	---	---	---	---	---	---	---	---
S-2	10/02/1990	290	84	1.7	160	8.1	---	---	---	---	---	---	---	---	---	---	---	---	---	---
S-2	12/18/1990	61	18	1.4	2.2	2.4	---	---	---	---	---	---	---	---	---	---	---	---	---	---
S-2	03/20/1991	110	30	2.2	10	7	---	---	---	---	---	---	---	---	---	329.21	---	---	---	---
S-2	06/26/1991	50 a	6.3	<0.5	3.3	1.3	---	---	---	---	---	---	---	---	---	329.21	---	---	---	---
S-2	09/05/1991	90	12	3.2	2.5	2.3	---	---	---	---	---	---	---	---	---	329.21	---	---	---	---
S-2	12/13/1991	<50	12	<0.5	<0.5	<0.5	---	---	---	---	---	---	---	---	---	329.21	15.85	313.36	---	---
S-2	03/11/1992	<30	<0.3	<0.3	<0.3	<0.3	---	---	---	---	---	---	---	---	---	329.21	14.94	314.27	---	---
S-2	06/24/1992	<50	0.9	<0.5	<0.5	<0.5	---	---	---	---	---	---	---	---	---	329.21	15.78	313.43	---	---
S-2	09/17/1992	78	2.6	1.3	1.3	0.9	---	---	---	---	---	---	---	---	---	329.21	15.03	314.18	---	---
S-2	12/11/1992	<50	0.8	<0.5	<0.5	<0.5	---	---	---	---	---	---	---	---	---	329.21	14.81	314.40	---	---
S-2	02/04/1993	55	1.3	0.7	0.7	<0.5	---	---	---	---	---	---	---	---	---	329.21	---	---	---	---
S-2	06/03/1993	<50	0.7	<0.5	<0.5	<0.5	---	---	---	---	---	---	---	---	---	329.21	---	---	---	---
S-2	09/15/1993	<50	<0.5	<0.5	<0.5	<0.5	---	---	---	---	---	---	---	---	---	329.21	14.63	314.58	---	---
S-2	12/09/1993	<50	<0.5	<0.5	<0.5	<0.5	---	---	---	---	---	---	---	---	---	329.21	14.70	314.51	---	---
S-2	06/16/1994	<50	0.8	<0.5	0.7	<0.5	---	---	---	---	---	---	---	---	---	329.21	14.94	314.27	---	---
S-2	09/13/1994	<50	<0.5	<0.5	<0.5	<0.5	---	---	---	---	---	---	---	---	---	329.21	15.17	314.04	---	---
S-2	06/21/1995	<50	<0.5	<0.5	<0.5	<0.5	---	---	---	---	---	---	---	---	---	329.21	14.25	314.96	---	---
S-2	06/12/1996	<50	6.1	<0.5	<0.5	<0.5	48	---	---	---	---	---	---	---	---	329.21	14.31	314.90	---	---
S-2	06/25/1997	120	25	0.59	2.4	8.7	130	---	---	---	---	---	---	---	---	329.21	14.40	314.81	---	4.4
S-2	06/19/1998	450	96	<2.5	4	19	180	---	---	---	---	---	---	---	---	329.21	13.72	315.49	---	2.8
S-2	06/17/1999	312	74.4	2.04	1.02	<1.00	147	---	---	---	---	---	---	---	---	329.21	13.97	315.24	---	3.7
S-2	06/15/2000	1,050	261	<5.00	7.54	11.4	13,500	9,850 b	---	---	---	---	---	---	---	329.21	14.25	314.96	---	3.3

GROUNDWATER DATA
SHELL-BRANDED SERVICE STATION
3790 HOPYARD ROAD, PLEASANTON, CALIFORNIA

Well ID	Date	TPHg (µg/L)	B (µg/L)	T (µg/L)	E (µg/L)	X (µg/L)	MTBE 8020 (µg/L)	MTBE 8260 (µg/L)	TBA (µg/L)	DIPE (µg/L)	ETBE (µg/L)	TAME (µg/L)	1,2-DCA (µg/L)	EDB (µg/L)	Ethanol (µg/L)	TOC (ft MSL)	Depth to Water (ft TOC)	GW Elevation (ft MSL)	SPH Thickness (ft)	DO Reading (mg/L)
S-2	11/29/2000	<250	3.75	<2.50	<2.50	<2.50	12,400	10,700 b	---	---	---	---	---	---	---	329.21	14.82	314.39	---	2.2
S-2	03/07/2001	<500	14.7	<5.00	<5.00	<5.00	8,610	---	---	---	---	---	---	---	---	329.21	13.70	315.51	---	2.3
S-2	06/18/2001	<2,000	<20	<20	<20	<20	---	7,100	---	---	---	---	---	---	---	329.21	14.56	314.65	---	---
S-2	09/17/2001	<2,000	<10	<10	<10	<10	---	7,500	680	<10	<10	<10	---	---	<500	329.21	15.18	314.03	---	---
S-2	12/31/2001	<1,000	<10	<10	<10	<10	---	3,800	---	---	---	---	---	---	---	329.21	13.19	316.02	---	---
S-2	03/13/2002	<1,000	65	<10	13	<10	---	6,500	---	---	---	---	---	---	---	329.21	15.03	314.18	---	---
S-2	06/18/2002	520	28	<5.0	<5.0	<5.0	---	2,800	---	---	---	---	---	---	---	329.21	15.60	313.61	---	---
S-2	09/27/2002	<1,000	<10	<10	<10	<10	---	4,200	---	---	---	---	---	---	---	328.77	14.90	313.87	---	---
S-2	12/27/2002	<1,000	<10	<10	<10	<10	---	4,300	5,600	<10	<10	<10	<10	<10	---	328.77	14.40	314.37	---	---
S-2	03/24/2003	<2,500	28	<25	<25	<50	---	1,300	---	---	---	---	---	---	---	328.77	14.86	313.91	---	---
S-2	05/09/2003	<2,500	36	<25	35	<50	---	4,000	6,200	---	---	---	---	---	---	328.77	13.45	315.32	---	---
S-2	07/08/2003	<2,000	<20	<20	<20	<40	---	3,200	---	---	---	---	---	---	---	328.77	20.10	308.67	---	---
S-2	10/15/2003	960 d	6.9	<2.5	9.0	<5.0	---	90	2,400	---	---	---	---	---	---	328.77	16.67	312.10	---	---
S-2	01/06/2004	690	8.3	<0.50	0.72	2.8	---	82	860	---	---	---	---	---	---	328.77	21.00	307.77	---	---
S-2	04/07/2004	980 d	12	<2.5	<2.5	<5.0	---	28	2,500	---	---	---	---	---	---	328.77	16.62	312.15	---	---
S-2	07/27/2004	62	1.5	<0.50	<0.50	<1.0	---	16	550	<2.0	<2.0	<2.0	---	---	<50	328.77	16.64	312.13	---	---
S-2	10/29/2004	<250	<2.5	<2.5	<2.5	<5.0	---	22	1,800	<10	<10	<10	---	---	<250	328.77	16.43	312.34	---	---
S-2	01/06/2005	<250	<2.5	<2.5	<2.5	<5.0	---	21	2,700	<10	<10	<10	---	---	---	328.77	16.37	312.40	---	---
S-2	04/14/2005	<50	<0.50	<0.50	<0.50	<0.50	---	14	290	<0.50	<0.50	<0.50	---	---	<5.0	328.77	18.54	310.23	---	---
S-2	07/29/2005	1,300 f	<5.0	<5.0	<5.0	<10	---	19	1,000	<20	<20	<20	---	---	<500	328.77	21.37	307.40	---	---
S-2	10/20/2005	1,300	13	<1.0	9.8	2.6	---	26	730	<4.0	<4.0	<4.0	---	---	<100	328.77	21.88	306.89	---	---
S-2	01/26/2006	3,820	16.3	<0.500	5.78	<0.500	---	25.8	445	<0.500	<0.500	<0.500	---	---	<50.0	328.77	21.15	307.62	---	---
S-2	04/24/2006	4,720	68.8	1.44	115	8.31	---	1,600	1,010	<0.500	<0.500	<0.500	---	---	<50.0	328.77	13.80	314.97	---	---
S-2	07/12/2006	<50.0	14.4	<0.500	<0.500	<1.50	---	70.9	1,660	<0.500	<0.500	<0.500	---	---	<50.0	328.77	14.19	314.58	---	---
S-2	10/20/2006	108	5.52	<0.500	0.690	<0.500	---	17.9	382	<0.500	<0.500	<0.500	---	---	<50.0	328.77	14.13	314.64	---	---
S-2	01/22/2007	<50	0.40 k	<0.50	<0.50	<1.0	---	16	450	<1.0	<1.0	<1.0	---	---	<150	328.77	14.05	314.72	---	---
S-2	04/13/2007	52 i	0.53	<1.0	0.22 k	<1.0	---	14	660	<2.0	<2.0	<2.0	---	---	<100	328.77	14.09	314.68	---	---
S-2	07/09/2007	97 i,j	4.6	<1.0	<1.0	<1.0	---	23	1,500	<2.0	<2.0	<2.0	---	---	<100	328.77	13.33	315.44	---	---
S-2	10/22/2007	120 i	0.23 k	<1.0	<1.0	<1.0	---	13	2,400	<2.0	<2.0	<2.0	---	---	<100	328.77	14.70	314.07	---	---
S-2	01/09/2008	66 i	1.5 k	<5.0	<5.0	<5.0	---	12	1,500	<10	<10	<10	---	---	<500	328.77	13.65	315.12	---	---
S-2	04/11/2008	450	3.8	<5.0	<5.0	<5.0	---	37	4,300	<10	<10	<10	---	---	<500	328.77	14.47	314.30	---	---
S-2	07/29/2008	370	5.3	<5.0	<5.0	<5.0	---	18	2,300	<10	<10	<10	---	---	<500	328.77	15.00	313.77	---	---
S-2	10/29/2008	100	2.3	<1.0	<1.0	<1.0	---	11	710	<2.0	<2.0	<2.0	---	---	<100	328.77	15.10	313.67	---	---
S-2	01/21/2009	990	37	<1.0	8.8	1.4	---	83	1,200	<2.0	<2.0	<2.0	---	---	<100	328.77	13.89	314.88	---	---
S-2	04/16/2009	2,100	54	1.2	21	3.0	---	88	930	<2.0	<2.0	<2.0	---	---	<100	328.77	13.75	315.02	---	---

TABLE 1

GROUNDWATER DATA
SHELL-BRANDED SERVICE STATION
3790 HOPYARD ROAD, PLEASANTON, CALIFORNIA

Well ID	Date	TPHg (µg/L)	B (µg/L)	T (µg/L)	E (µg/L)	X (µg/L)	MTBE 8020 (µg/L)	MTBE 8260 (µg/L)	TBA (µg/L)	DIPE (µg/L)	ETBE (µg/L)	TAME (µg/L)	1,2-DCA (µg/L)	EDB (µg/L)	Ethanol (µg/L)	TOC (ft MSL)	Depth to Water (ft TOC)	GW Elevation (ft MSL)	SPH Thickness (ft)	DO Reading (mg/L)
S-2	07/09/2009	620	16	<1.0	5.6	<1.0	---	35	900	<2.0	<2.0	<2.0	---	---	<100	328.77	15.18	313.59	---	---
S-2	01/11/2010	3,300	39	1.5	23	4.1	---	51	600	<2.0	<2.0	<2.0	---	---	<100	328.77	13.68	315.09	---	---
S-2	01/21/2011	2,000	21	0.99	21	3.0	---	25	820	<1.0	<1.0	<1.0	---	---	<150	328.77	13.75	315.02	---	---
S-2	07/20/2011	590	1.9	<1.0	<1.0	<2.0	---	9.4	910	---	---	---	---	---	<300	328.77	14.61	314.16	---	---
S-2	01/06/2012	430	2.5	<1.0	1.8	<2.0	---	5.6	430	<2.0	<2.0	<2.0	---	---	<300	328.77	15.91	312.86	---	---
S-2	01/04/2013	1,200	6.7	0.53	5.6	1.1	---	9.1	570	<0.50	<0.50	<0.50	---	---	<150	328.77	13.30	315.47	---	---
S-3	02/14/1988	<50	<0.5	<1	<4	<4	---	---	---	---	---	---	---	---	---	---	---	---	---	---
S-3	10/13/1988	<50	<0.5	<1	<1	<3	---	---	---	---	---	---	---	---	---	---	---	---	---	---
S-3	01/31/1989	<50	<0.5	<1	<1	<3	---	---	---	---	---	---	---	---	---	---	---	---	---	---
S-3	03/07/1989	<50	<0.5	<1	<1	<3	---	---	---	---	---	---	---	---	---	---	---	---	---	---
S-3	06/26/1989	<50	<0.5	<1	<1	<3	---	---	---	---	---	---	---	---	---	---	---	---	---	---
S-3	09/08/1989	<50	<0.5	<1	<1	<3	---	---	---	---	---	---	---	---	---	---	---	---	---	---
S-3	12/14/1989	<50	<0.5	<0.5	<0.5	<1	---	---	---	---	---	---	---	---	---	---	---	---	---	---
S-3	03/05/1990	<50	<0.5	<0.5	<0.5	<1	---	---	---	---	---	---	---	---	---	---	---	---	---	---
S-3	06/14/1990	<500	<0.5	<0.5	<0.5	<1	---	---	---	---	---	---	---	---	---	---	---	---	---	---
S-3	10/02/1990	<50	<0.5	<0.5	<0.5	1.0	---	---	---	---	---	---	---	---	---	---	---	---	---	---
S-3	12/18/1990	<50	<0.5	1.6	<0.5	2.0	---	---	---	---	---	---	---	---	---	---	---	---	---	---
S-3	03/20/1991	70	2.3	8.9	4.0	23	---	---	---	---	---	---	---	---	---	327.67	---	---	---	---
S-3	06/26/1991	<50	<0.5	<0.5	<0.5	<0.5	---	---	---	---	---	---	---	---	---	327.67	---	---	---	---
S-3	09/05/1991	<50	<0.5	<0.5	<0.5	<0.5	---	---	---	---	---	---	---	---	---	327.67	---	---	---	---
S-3	12/13/1991	<50	<0.5	<0.5	<0.5	<0.5	---	---	---	---	---	---	---	---	---	327.67	13.87	313.80	---	---
S-3	03/11/1992	<30	<0.5	<0.5	<0.5	<0.5	---	---	---	---	---	---	---	---	---	327.67	13.05	314.62	---	---
S-3	06/24/1992	<50	<0.5	<0.5	<0.5	<0.5	---	---	---	---	---	---	---	---	---	327.67	13.86	313.81	---	---
S-3	09/17/1992	<50	<0.5	<0.5	<0.5	<0.5	---	---	---	---	---	---	---	---	---	327.67	13.01	314.66	---	---
S-3	12/11/1992	<50	<0.5	<0.5	<0.5	<0.5	---	---	---	---	---	---	---	---	---	327.67	13.00	314.67	---	---
S-3	02/04/1993	<50	<0.5	<0.5	<0.5	<0.5	---	---	---	---	---	---	---	---	---	327.67	---	---	---	---
S-3	06/03/1993	<50	<0.5	<0.5	<0.5	<0.5	---	---	---	---	---	---	---	---	---	327.67	---	---	---	---
S-3	09/15/1993	---	---	---	---	---	---	---	---	---	---	---	---	---	---	327.67	13.02	314.65	---	---
S-3	09/13/1994	---	---	---	---	---	---	---	---	---	---	---	---	---	---	327.67	15.17	312.50	---	---
S-3	06/21/1995	50	4.1	<0.5	20	1.2	---	---	---	---	---	---	---	---	---	327.67	12.49	315.18	---	---
S-3	06/12/1996	<50	<0.5	<0.5	<0.5	<0.5	<2.5	---	---	---	---	---	---	---	---	327.67	12.53	315.14	---	---
S-3	06/25/1997	<50	<0.50	<0.50	<0.50	<0.50	<2.5	---	---	---	---	---	---	---	---	327.67	12.64	315.03	---	1.8
S-3	06/19/1998	<50	<0.50	<0.50	<0.50	<0.50	<2.5	---	---	---	---	---	---	---	---	327.67	11.74	315.93	---	4.1
S-3	06/17/1999	<50.0	<0.500	<0.500	<0.500	<0.500	<5.00	---	---	---	---	---	---	---	---	327.67	12.35	315.32	---	2.8

GROUNDWATER DATA
SHELL-BRANDED SERVICE STATION
3790 HOPYARD ROAD, PLEASANTON, CALIFORNIA

Well ID	Date	TPHg (µg/L)	B (µg/L)	T (µg/L)	E (µg/L)	X (µg/L)	MTBE 8020 (µg/L)	MTBE 8260 (µg/L)	TBA (µg/L)	DIPE (µg/L)	ETBE (µg/L)	TAME (µg/L)	1,2-DCA (µg/L)	EDB (µg/L)	Ethanol (µg/L)	TOC (ft MSL)	Depth to Water (ft TOC)	GW Elevation (ft MSL)	SPH Thickness (ft)	DO Reading (mg/L)
S-3	06/15/2000	<50.0	<0.500	<0.500	<0.500	<0.500	<2.50	---	---	---	---	---	---	---	---	327.67	12.51	315.16	---	3.2
S-3	11/29/2000	<50.0	<0.500	<0.500	<0.500	<0.500	<2.50	---	---	---	---	---	---	---	---	327.67	12.84	314.83	---	1.0
S-3	03/07/2001	<50.0	<0.500	<0.500	<0.500	<0.500	<2.50	---	---	---	---	---	---	---	---	327.67	12.42	315.25	---	2.8
S-3	06/18/2001	<50	0.66	1.1	<0.50	0.51	---	0.66	---	---	---	---	---	---	---	327.67	13.74	313.93	---	---
S-3	09/17/2001	<50	0.73	0.96	<0.50	0.61	---	<5.0	---	---	---	---	---	---	---	327.67	13.25	314.42	---	---
S-3	12/31/2001	<50	<0.50	<0.50	<0.50	<0.50	---	<5.0	---	---	---	---	---	---	---	327.67	12.38	315.29	---	---
S-3	03/13/2002	<50	<0.50	<0.50	<0.50	<0.50	---	<5.0	---	---	---	---	---	---	---	327.67	13.16	314.51	---	---
S-3	06/18/2002	<50	<0.50	<0.50	<0.50	<0.50	---	<5.0	---	---	---	---	---	---	---	327.67	13.55	314.12	---	---
S-3	09/27/2002	<50	<0.50	<0.50	<0.50	<0.50	---	<5.0	---	---	---	---	---	---	---	327.40	13.32	314.08	---	---
S-3	12/27/2002	<50	<0.50	<0.50	<0.50	<0.50	---	<5.0	<50	<2.0	<2.0	<2.0	<2.0	<2.0	---	327.40	12.55	314.85	---	---
S-3	03/24/2003	<50	<0.50	<0.50	<0.50	<1.0	---	<5.0	---	---	---	---	---	---	---	327.40	12.71	314.69	---	---
S-3	05/09/2003	<50	<0.50	<0.50	<0.50	<1.0	---	<0.50	<5.0	---	---	---	---	---	---	327.40	12.27	315.13	---	---
S-3	07/08/2003	<50	<0.50	<0.50	<0.50	<1.0	---	1.7	<5.0	---	---	---	---	---	---	327.40	14.10	313.30	---	---
S-3	10/15/2003	<50	<0.50	<0.50	<0.50	<1.0	---	<0.50	<5.0	---	---	---	---	---	---	327.40	14.64	312.76	---	---
S-3	01/06/2004	<50	<0.50	<0.50	<0.50	<1.0	---	<0.50	<5.0	---	---	---	---	---	---	327.40	15.11	312.29	---	---
S-3	04/07/2004	<50	<0.50	<0.50	<0.50	<1.0	---	<0.50	<5.0	---	---	---	---	---	---	327.40	14.36	313.04	---	---
S-3	07/27/2004	<50	<0.50	<0.50	<0.50	<1.0	---	<0.50	<5.0	<2.0	<2.0	<2.0	---	---	<50	327.40	14.21	313.19	---	---
S-3	10/29/2004	<50	<0.50	<0.50	<0.50	<1.0	---	<0.50	<5.0	<2.0	<2.0	<2.0	---	---	<50	327.40	14.03	313.37	---	---
S-3	01/06/2005	<50	<0.50	<0.50	<0.50	<1.0	---	<0.50	<5.0	<2.0	<2.0	<2.0	---	---	---	327.40	14.08	313.32	---	---
S-3	04/14/2005	<50	<0.50	<0.50	<0.50	<0.50	---	<0.50	<5.0	<0.50	<0.50	<0.50	---	---	<5.0	327.40	12.16	315.24	---	---
S-3	07/29/2005	<50	<0.50	<0.50	<0.50	<1.0	---	<0.50	<5.0	<2.0	<2.0	<2.0	---	---	<50	327.40	15.29	312.11	---	---
S-3	10/20/2005	<50	<0.50	<0.50	<0.50	<1.0	---	<0.50	<5.0	<2.0	<2.0	<2.0	---	---	<50	327.40	15.90	311.50	---	---
S-3	01/26/2006	<50.0	<0.500	<0.500	<0.500	<0.500	---	<0.500	59.5	<0.500	<0.500	<0.500	---	---	<50.0	327.40	15.00	312.40	---	---
S-3	04/24/2006	<50.0	0.610	0.640	<0.500	<0.500	---	<0.500	13.0	<0.500	<0.500	<0.500	---	---	<50.0	327.40	12.03	315.37	---	---
S-3	07/12/2006	<50.0	<0.500	<0.500	<0.500	<1.50	---	<0.500	<10.0	<0.500	<0.500	<0.500	---	---	<50.0	327.40	12.35	315.05	---	---
S-3	10/20/2006	<50.0	<0.500	<0.500	<0.500	<0.500	---	<0.500	<10.0	<0.500	<0.500	<0.500	---	---	<50.0	327.40	12.46	314.94	---	---
S-3	01/22/2007	<50	<0.50	<0.50	<0.50	<1.0	---	<1.0	<10	<1.0	<1.0	<1.0	---	---	<150	327.40	13.05	314.35	---	---
S-3	04/13/2007	<50 i	<0.50	<1.0	<1.0	<1.0	---	<1.0	<10	<2.0	<2.0	<2.0	---	---	<100	327.40	12.50	314.90	---	---
S-3	07/09/2007	<50 i	<0.50	<1.0	<1.0	<1.0	---	<1.0	<10	<2.0	<2.0	<2.0	---	---	<100	327.40	12.04	315.36	---	---
S-3	10/22/2007	<50 i	<0.50	<1.0	<1.0	<1.0	---	<1.0	<10	<2.0	<2.0	<2.0	---	---	<100	327.40	13.02	314.38	---	---
S-3	01/09/2008	<50 i	<0.50	<1.0	<1.0	<1.0	---	<1.0	<10	<2.0	<2.0	<2.0	---	---	<100	327.40	12.21	315.19	---	---
S-3	04/11/2008	<50	<0.50	<1.0	<1.0	<1.0	---	<1.0	<10	<2.0	<2.0	<2.0	---	---	<100	327.40	12.80	314.60	---	---
S-3	07/29/2008	<50	<0.50	<1.0	<1.0	<1.0	---	<1.0	13	<2.0	<2.0	<2.0	---	---	170	327.40	13.25	314.15	---	---
S-3	10/29/2008	<50	<0.50	<1.0	<1.0	<1.0	---	<1.0	<10	<2.0	<2.0	<2.0	---	---	<100	327.40	13.40	314.00	---	---
S-3	01/21/2009	<50	<0.50	<1.0	<1.0	<1.0	---	<1.0	<10	<2.0	<2.0	<2.0	---	---	<100	327.40	12.41	314.99	---	---

GROUNDWATER DATA
SHELL-BRANDED SERVICE STATION
3790 HOPYARD ROAD, PLEASANTON, CALIFORNIA

Well ID	Date	TPHg (µg/L)	B (µg/L)	T (µg/L)	E (µg/L)	X (µg/L)	MTBE 8020 (µg/L)	MTBE 8260 (µg/L)	TBA (µg/L)	DIPE (µg/L)	ETBE (µg/L)	TAME (µg/L)	1,2-DCA (µg/L)	EDB (µg/L)	Ethanol (µg/L)	TOC (ft MSL)	Depth to Water (ft TOC)	GW Elevation (ft MSL)	SPH Thickness (ft)	DO Reading (mg/L)
S-3	04/16/2009	<50	<0.50	<1.0	<1.0	<1.0	---	<1.0	<10	<2.0	<2.0	<2.0	---	---	<100	327.40	12.20	315.20	---	---
S-3	07/09/2009	<50	<0.50	<1.0	<1.0	<1.0	---	<1.0	<10	<2.0	<2.0	<2.0	---	---	<100	327.40	13.49	313.91	---	---
S-3	01/11/2010	<50	<0.50	<1.0	<1.0	<1.0	---	<1.0	<10	<2.0	<2.0	<2.0	---	---	<100	327.40	12.39	315.01	---	---
S-3	07/06/2010	---	---	---	---	---	---	---	---	---	---	---	---	---	---	327.40	12.80	314.60	---	---
S-3	01/21/2011	<50	<0.50	<0.50	<0.50	<1.0	---	<1.0	<10	<1.0	<1.0	<1.0	---	---	<150	327.40	12.53	314.87	---	---
S-3	07/20/2011	---	---	---	---	---	---	---	---	---	---	---	---	---	---	327.40	12.95	314.45	---	---
S-3	01/06/2012	<50	<0.50	<0.50	<0.50	<1.0	---	<1.0	<10	<1.0	<1.0	<1.0	---	---	<150	327.40	13.84	313.56	---	---
S-3	01/04/2013	<50	<0.50	<0.50	<0.50	<1.0	---	<0.50	<10	<0.50	<0.50	<0.50	---	---	<150	327.40	11.72	315.68	---	---
S-4	02/14/1988	5,100	160	8	730	730	---	---	---	---	---	---	---	---	---	---	---	---	---	---
S-4	10/13/1988	530	24	1	25	16	---	---	---	---	---	---	---	---	---	---	---	---	---	---
S-4	01/31/1989	1,100	33	2	20	24	---	---	---	---	---	---	---	---	---	---	---	---	---	---
S-4	03/07/1989	650	37	1	35	27	---	---	---	---	---	---	---	---	---	---	---	---	---	---
S-4	06/26/1989	670	110	<1	85	71	---	---	---	---	---	---	---	---	---	---	---	---	---	---
S-4	09/08/1989	380	32	<1	36	26	---	---	---	---	---	---	---	---	---	---	---	---	---	---
S-4	12/14/1989	210	21	<0.5	30	23	---	---	---	---	---	---	---	---	---	---	---	---	---	---
S-4	03/05/1990	350	43	<0.5	24	47	---	---	---	---	---	---	---	---	---	---	---	---	---	---
S-4	06/14/1990	430	74	<0.5	71	46	---	---	---	---	---	---	---	---	---	---	---	---	---	---
S-4	10/02/1990	700	74	2.2	100	55	---	---	---	---	---	---	---	---	---	---	---	---	---	---
S-4	12/18/1990	1,400	180	2.9	280	230	---	---	---	---	---	---	---	---	---	---	---	---	---	---
S-4	03/20/1991	1,200	100	<2.0	210	130	---	---	---	---	---	---	---	---	---	328.53	---	---	---	---
S-4	06/26/1991	220	14	<0.5	34	17	---	---	---	---	---	---	---	---	---	328.53	---	---	---	---
S-4	09/05/1991	580	31	0.8	53	26	---	---	---	---	---	---	---	---	---	328.53	---	---	---	---
S-4	12/13/1991	370	24	0.9	1.3	46	---	---	---	---	---	---	---	---	---	328.53	15.20	313.33	---	---
S-4	03/11/1992	1,600	23	1.2	12	20	---	---	---	---	---	---	---	---	---	328.53	14.37	314.16	---	---
S-4	06/24/1992	480	48	<1.0	95	22	---	---	---	---	---	---	---	---	---	328.53	15.30	313.23	---	---
S-4	09/17/1992	260	35	1.2	51	7.8	---	---	---	---	---	---	---	---	---	328.53	14.17	314.36	---	---
S-4	12/11/1992	270	34	0.8	28	4.5	---	---	---	---	---	---	---	---	---	328.53	14.18	314.35	---	---
S-4	02/04/1993	1,100	12	<5.0	89	100	---	---	---	---	---	---	---	---	---	328.53	---	---	---	---
S-4	06/03/1993	210	48	1.1	42	4	---	---	---	---	---	---	---	---	---	328.53	---	---	---	---
S-4	09/15/1993	700	21	<1.0	110	91	---	---	---	---	---	---	---	---	---	328.53	13.86	314.67	---	---
S-4	12/09/1993	250	39	<0.5	3.8	2.6	---	---	---	---	---	---	---	---	---	328.53	14.16	314.37	---	---
S-4	03/04/1994	150	25	1.4	6.8	2.8	---	---	---	---	---	---	---	---	---	328.53	14.17	314.36	---	---
S-4 (D)	03/04/1994	140	28	0.8	7.9	3.2	---	---	---	---	---	---	---	---	---	328.53	14.17	314.36	---	---
S-4	06/16/1994	90	12	<0.5	1.8	2.4	---	---	---	---	---	---	---	---	---	328.53	14.14	314.39	---	---

GROUNDWATER DATA
SHELL-BRANDED SERVICE STATION
3790 HOPYARD ROAD, PLEASANTON, CALIFORNIA

Well ID	Date	TPHg (µg/L)	B (µg/L)	T (µg/L)	E (µg/L)	X (µg/L)	MTBE 8020 (µg/L)	MTBE 8260 (µg/L)	TBA (µg/L)	DIPE (µg/L)	ETBE (µg/L)	TAME (µg/L)	1,2-DCA (µg/L)	EDB (µg/L)	Ethanol (µg/L)	TOC (ft MSL)	Depth to Water (ft TOC)	GW Elevation (ft MSL)	SPH Thickness (ft)	DO Reading (mg/L)
S-4 (D)	06/16/1994	80	5.9	<0.5	1.5	0.9	---	---	---	---	---	---	---	---	---	328.53	14.14	314.39	---	---
S-4	09/13/1994	<50	23	<0.5	4.9	2.4	---	---	---	---	---	---	---	---	---	328.53	14.42	314.11	---	---
S-4 (D)	09/13/1994	<50	23	<0.5	4.0	2.3	---	---	---	---	---	---	---	---	---	328.53	14.42	314.11	---	---
S-4	06/21/1995	270	34	1.4	25	7.6	---	---	---	---	---	---	---	---	---	328.53	13.82	314.71	---	---
S-4 (D)	06/21/1995	280	35	2.1	26	8.4	---	---	---	---	---	---	---	---	---	328.53	13.82	314.71	---	---
S-4	06/12/1996	360	52	<0.5	<0.5	<0.5	92	---	---	---	---	---	---	---	---	328.53	13.64	314.89	---	---
S-4 (D)	06/12/1996	430	54	<1.2	72	21	96	---	---	---	---	---	---	---	---	328.53	13.64	314.89	---	---
S-4	06/25/1997	6,700	93	1,200	240	1,300	6,900	6,800	---	---	---	---	---	---	---	328.53	13.74	314.79	---	0.6
S-4	06/19/1998	3,500	56	15	140	670	2,100	---	---	---	---	---	---	---	---	328.53	12.55	315.98	---	0.8
S-4 (D)	06/19/1998	3,000	51	14	110	530	2,000	---	---	---	---	---	---	---	---	328.53	12.55	315.98	---	0.8
S-4	06/17/1999	1,510	28.4	9.84	176	132	1,780	---	---	---	---	---	---	---	---	328.53	13.24	315.29	---	4.8
S-4	06/15/2000	<500	12.0	<5.00	31.0	22.8	12,200	---	---	---	---	---	---	---	---	328.53	13.65	314.88	---	2.1
S-4	11/29/2000	<500	<5.00	<5.00	<5.00	<5.00	12,100	---	---	---	---	---	---	---	---	328.53	14.23	314.30	---	1.8
S-4	03/07/2001	<500	5.44	<5.00	6.49	<5.00	11,400	14,500	---	---	---	---	---	---	---	328.53	13.15	315.38	---	2.4
S-4	06/18/2001	<1,000	<10	<10	<10	<10	---	3,500	---	---	---	---	---	---	---	328.53	13.81	314.72	---	---
S-4	09/17/2001	<500	<5.0	<5.0	<5.0	<5.0	---	7,700	---	---	---	---	---	---	---	328.53	14.29	314.24	---	---
S-4	12/31/2001	<1,000	<10	<10	<10	<10	---	3,800	---	---	---	---	---	---	---	328.53	13.44	315.09	---	---
S-4	03/13/2002	<2,500	<25	<25	<25	<25	---	18,000	---	---	---	---	---	---	---	328.53	14.42	314.11	---	---
S-4	06/18/2002	<100	1.1	<1.0	<1.0	<1.0	---	530	---	---	---	---	---	---	---	328.53	15.19	313.34	---	---
S-4	09/27/2002	<200	<2.0	<2.0	<2.0	<2.0	---	1,100	---	---	---	---	---	---	---	328.11	14.32	313.79	---	---
S-4	12/27/2002	280	3.5	<2.5	17	4.7	---	390	9,000	<2.5	<2.5	<5.0	<2.5	<2.5	---	328.11	13.50	314.61	---	---
S-4	03/24/2003	<2,500	<25	<25	<25	<50	---	780	---	---	---	---	---	---	---	328.11	14.56	313.55	---	---
S-4	05/09/2003	<2,500	<25	<25	<25	<50	---	1,200	18,000	---	---	---	---	---	---	328.11	13.20	314.91	---	---
S-4	07/08/2003	<2,500	<25	<25	<25	<50	---	1,700	8,700	---	---	---	---	---	---	328.11	20.87	307.24	---	---
S-4	10/15/2003	<2,500	<25	<25	<25	<50	---	280	11,000	---	---	---	---	---	---	328.11	16.15	311.96	---	---
S-4	01/06/2004	3,500	<5.0	19	190	570	---	58	9,600	---	---	---	---	---	---	328.11	21.64	306.47	---	---
S-4	04/07/2004	<1,000	<10	<10	<10	<20	---	110	9,900	---	---	---	---	---	---	328.11	20.89	307.22	---	---
S-4	07/27/2004	<1,000	<10	<10	<10	<20	---	<10	10,000	<40	<40	<40	---	---	<1,000	328.11	20.78	307.33	---	---
S-4	10/29/2004	<1,000	<10	<10	<10	<20	---	110	5,600	<40	<40	<40	---	---	<1,000	328.11	20.53	307.58	---	---
S-4	01/06/2005	<1,000	<10	<10	<10	<20	---	<10	6,500	<40	<40	<40	---	---	---	328.11	20.44	307.67	---	---
S-4	04/14/2005	<250	<2.5	<2.5	3.1	<2.5	---	120	6,000	<2.5	<2.5	<2.5	---	---	<25	328.11	18.60	309.51	---	---
S-4	07/29/2005	<250	<2.5	<2.5	<2.5	<5.0	---	4.4	3,100	<10	<10	<10	---	---	<250	328.11	21.03	307.08	---	---
S-4	10/20/2005	<250	<2.5	<2.5	<2.5	<5.0	---	<2.5	2,700	<10	<10	<10	---	---	<250	328.11	21.62	306.49	---	---
S-4	01/26/2006	<50.0	<0.500	<0.500	<0.500	<0.500	---	0.950	723	<0.500	<0.500	<0.500	---	---	<50.0	328.11	21.10	307.01	---	---
S-4	04/24/2006	<50.0	<0.500	<0.500	<0.500	<0.500	---	79.4	1,310	<0.500	<0.500	<0.500	---	---	<50.0	328.11	13.24	314.87	---	---

TABLE 1

GROUNDWATER DATA
SHELL-BRANDED SERVICE STATION
3790 HOPYARD ROAD, PLEASANTON, CALIFORNIA

Well ID	Date	TPHg (µg/L)	B (µg/L)	T (µg/L)	E (µg/L)	X (µg/L)	MTBE 8020 (µg/L)	MTBE 8260 (µg/L)	TBA (µg/L)	DIPE (µg/L)	ETBE (µg/L)	TAME (µg/L)	1,2-DCA (µg/L)	EDB (µg/L)	Ethanol (µg/L)	TOC (ft MSL)	Depth to Water (ft TOC)	GW Elevation (ft MSL)	SPH Thickness (ft)	DO Reading (mg/L)
S-4	07/12/2006	<50.0	4.42	<0.500	29.1	36.5	---	230	1,530	<0.500	<0.500	0.930	---	---	<50.0	328.11	13.45	314.66	---	---
S-4	10/20/2006	1,150	5.30	0.990	41.5	2.79	---	208	2,160	<0.500	<0.500	<0.500	---	---	<50.0	328.11	13.63	314.48	---	---
S-4	01/22/2007	550	4.8	<2.5	30	<5.0	---	130	3,000	<5.0	<5.0	<5.0	---	---	<750	328.11	14.32	313.79	---	---
S-4	04/13/2007	320 i,j	0.48 k	<1.0	3.3	<1.0	---	18	390	<2.0	<2.0	<2.0	---	---	<100	328.11	13.68	314.43	---	---
S-4	07/09/2007	240 i	1.5	0.32 k	6.9	<1.0	---	59	1,900	<2.0	<2.0	<2.0	---	---	<100	328.11	12.78	315.33	---	---
S-4	10/22/2007	170 i	1.3 k	<5.0	3.8 k	<5.0	---	36	1,600	<10	<10	<10	---	---	<500	328.11	14.26	313.85	---	---
S-4	01/09/2008	85 i	<2.5	<5.0	1.3 k	<5.0	---	26	1,700	<10	<10	<10	---	---	<500	328.11	13.40	314.71	---	---
S-4	04/11/2008	430	<2.5	<5.0	<5.0	<5.0	---	49	3,100	<10	<10	<10	---	---	<500	328.11	14.00	314.11	---	---
S-4	07/29/2008	190	1.1	<1.0	1.3	<1.0	---	24	1,500	<2.0	<2.0	<2.0	---	---	<100	328.11	14.64	313.47	---	---
S-4	10/29/2008	180	1.3	<1.0	5.7	<1.0	---	21	1,700	<2.0	<2.0	<2.0	---	---	<100	328.11	14.73	313.38	---	---
S-4	01/21/2009	940	4.6	<2.0	31	<2.0	---	38	2,400	<4.0	<4.0	<4.0	---	---	<200	328.11	13.66	314.45	---	---
S-4	04/16/2009	680	3.4	<5.0	14	<5.0	---	29	2,200	<10	<10	<10	---	---	<500	328.11	13.43	314.68	---	---
S-4	07/09/2009	280	<2.5	<5.0	<5.0	<5.0	---	17	1,900	<10	<10	<10	---	---	<500	328.11	15.04	313.07	---	---
S-4	01/11/2010	580	2.8	<2.0	6.0	<2.0	---	19	1,500	<4.0	<4.0	<4.0	---	---	<200	328.11	13.75	314.36	---	---
S-4	07/06/2010	490	1.8	<1.0	23	<1.0	---	11	890	---	---	---	---	---	<100	328.11	14.35	313.76	---	---
S-4	01/21/2011	58	1.4	<0.50	<0.50	<1.0	---	13	810	<1.0	<1.0	<1.0	---	---	<150	328.11	13.85	314.26	---	---
S-4	07/20/2011	87	<0.50	<0.50	<0.50	<1.0	---	8.3	780	---	---	---	---	---	<150	328.11	14.26	313.85	---	---
S-4	01/06/2012	<50	<1.0	<1.0	<1.0	<2.0	---	3.5	420	<2.0	<2.0	<2.0	---	---	<300	328.11	15.63	312.48	---	---
S-4	01/04/2013	<50	<0.50	<0.50	<0.50	<1.0	---	2.6	270	<0.50	<0.50	<0.50	---	---	<150	328.11	13.10	315.01	---	---
S-5	02/14/1988	1,000	40	86	180	180	---	---	---	---	---	---	---	---	---	---	---	---	---	---
S-5	10/13/1988	560	66	20	18	36	---	---	---	---	---	---	---	---	---	---	---	---	---	---
S-5	01/31/1989	180	27	8	9	13	---	---	---	---	---	---	---	---	---	---	---	---	---	---
S-5	03/07/1989	3,800	520	530	260	570	---	---	---	---	---	---	---	---	---	---	---	---	---	---
S-5	06/26/1989	<50	3.8	<1	2	<3	---	---	---	---	---	---	---	---	---	---	---	---	---	---
S-5	09/08/1989	110	25	2	2	12	---	---	---	---	---	---	---	---	---	---	---	---	---	---
S-5	12/14/1989	1,700	300	86	67	140	---	---	---	---	---	---	---	---	---	---	---	---	---	---
S-5	03/05/1990	1,100	100	110	79	240	---	---	---	---	---	---	---	---	---	---	---	---	---	---
S-5	06/14/1990	600	94	36	40	62	---	---	---	---	---	---	---	---	---	---	---	---	---	---
S-5	10/02/1990	4,500	1,400	160	260	300	---	---	---	---	---	---	---	---	---	---	---	---	---	---
S-5	11/20/1990	16,000	4,600	720	790	1,000	---	---	---	---	---	---	---	---	---	---	---	---	---	---
S-5	12/18/1990	25,000	7,600	1,100	1,300	2,300	---	---	---	---	---	---	---	---	---	---	---	---	---	---
S-5	03/20/1991	310	39	12	18	30	---	---	---	---	---	---	---	---	---	329.66	---	---	---	---
S-5	06/26/1991	1,300	250	62	120	180	---	---	---	---	---	---	---	---	---	329.66	---	---	---	---
S-5	09/05/1991	4,700	660	150	170	280	---	---	---	---	---	---	---	---	---	329.66	---	---	---	---

GROUNDWATER DATA
SHELL-BRANDED SERVICE STATION
3790 HOPYARD ROAD, PLEASANTON, CALIFORNIA

Well ID	Date	TPHg (µg/L)	B (µg/L)	T (µg/L)	E (µg/L)	X (µg/L)	MTBE 8020 (µg/L)	MTBE 8260 (µg/L)	TBA (µg/L)	DIPE (µg/L)	ETBE (µg/L)	TAME (µg/L)	1,2-DCA (µg/L)	EDB (µg/L)	Ethanol (µg/L)	TOC (ft MSL)	Depth to Water (ft TOC)	GW Elevation (ft MSL)	SPH Thickness (ft)	DO Reading (mg/L)
S-5	12/13/1991	1,400	580	19	110	80	---	---	---	---	---	---	---	---	---	329.66	17.48	312.18	---	---
S-5	03/11/1992	<30	<0.3	<0.3	<0.3	<0.3	---	---	---	---	---	---	---	---	---	329.66	16.22	313.44	---	---
S-5	06/24/1992	1,800	380	52	120	180	---	---	---	---	---	---	---	---	---	329.66	17.47	312.19	---	---
S-5	09/17/1992	2,200	750	91	170	170	---	---	---	---	---	---	---	---	---	329.66	16.84	312.82	---	---
S-5	12/11/1992	8,700	1,600	66	48	340	---	---	---	---	---	---	---	---	---	329.66	16.37	313.29	---	---
S-5	02/04/1993	150	156	0.7	4.7	4	---	---	---	---	---	---	---	---	---	329.66	---	---	---	---
S-5	06/03/1993	480	140	3.4	17	14	---	---	---	---	---	---	---	---	---	329.66	---	---	---	---
S-5	09/15/1993	80	2.4	0.5	1.4	2.9	---	---	---	---	---	---	---	---	---	329.66	16.20	313.46	---	---
S-5	12/09/1993	120	0.56	<0.5	2.2	1.2	---	---	---	---	---	---	---	---	---	329.66	16.26	313.40	---	---
S-5	03/04/1994	70	<0.5	<0.5	<0.5	<0.5	---	---	---	---	---	---	---	---	---	329.66	16.25	313.41	---	---
S-5	06/16/1994	<50	<0.5	<0.5	<0.5	<0.5	---	---	---	---	---	---	---	---	---	329.66	16.04	313.62	---	---
S-5	09/13/1994	<50	<0.5	<0.5	<0.5	<0.5	---	---	---	---	---	---	---	---	---	329.66	11.52	318.14	---	---
S-5	06/21/1995	<50	<0.5	<0.5	<0.5	<0.5	---	---	---	---	---	---	---	---	---	329.66	14.50	315.16	---	---
S-5	06/12/1996	<500	6.0	<5.0	<5.0	<5.0	1,400	---	---	---	---	---	---	---	---	329.66	12.53	317.13	---	---
S-5	06/25/1997	<250	<2.5	<2.5	<2.5	<2.5	1,100	---	---	---	---	---	---	---	---	329.66	15.34	314.32	---	1.1
S-5	06/19/1998	<50	1.0	<0.50	<0.50	<0.50	61	---	---	---	---	---	---	---	---	329.66	13.71	315.95	---	3.6
S-5	06/17/1999	<50.0	1.44	<0.500	<0.500	<0.500	336	---	---	---	---	---	---	---	---	329.66	13.56	316.10	---	1.4
S-5	06/15/2000	<50.0	0.820	<0.500	<0.500	<0.500	221	---	---	---	---	---	---	---	---	329.66	15.00	314.66	---	2.7
S-5	11/29/2000	<50.0	<0.500	<0.500	<0.500	<0.500	183	---	---	---	---	---	---	---	---	329.66	16.29	313.37	---	0.7
S-5	03/07/2001	<50.0	<0.500	<0.500	<0.500	<0.500	7.55	---	---	---	---	---	---	---	---	329.66	15.49	314.17	---	2.5
S-5	06/18/2001	<50	<0.50	<0.50	<0.50	<0.50	---	11	---	---	---	---	---	---	---	329.66	15.50	314.16	---	---
S-5	09/17/2001	<50	<0.50	<0.50	<0.50	<0.50	---	17	---	---	---	---	---	---	---	329.66	16.35	313.31	---	---
S-5	12/31/2001	<50	<0.50	<0.50	<0.50	<0.50	---	<5.0	---	---	---	---	---	---	---	329.66	12.80	316.86	---	---
S-5	03/13/2002	<50	<0.50	<0.50	<0.50	<0.50	---	93	---	---	---	---	---	---	---	329.66	16.32	313.34	---	---
S-5	06/18/2002	<50	<0.50	<0.50	<0.50	<0.50	---	130	---	---	---	---	---	---	---	329.66	17.00	312.66	---	---
S-5	09/27/2002	<50	0.88	<0.50	<0.50	<0.50	---	280	---	---	---	---	---	---	---	329.36	16.34	313.02	---	---
S-5	12/27/2002	<50	1.9	<0.50	<0.50	<0.50	---	87	<50	<2.0	<2.0	<2.0	<2.0	<2.0	---	329.36	15.45	313.91	---	---
S-5	03/24/2003	<250	2.5	<2.5	<2.5	<5.0	---	220	---	---	---	---	---	---	---	329.36	16.70	312.66	---	---
S-5	05/09/2003	<50	<0.50	<0.50	<0.50	<1.0	---	110	17	---	---	---	---	---	---	329.36	13.16	316.20	---	---
S-5	07/08/2003	<1,000	<10	<10	<10	<20	---	320	<100	---	---	---	---	---	---	329.36	19.00	310.36	---	---
S-5	10/15/2003	1,400 d	27	<2.5	<2.5	<5.0	---	180	51	---	---	---	---	---	---	329.36	19.08	310.28	---	---
S-5	01/06/2004	84,000	1,400	1,200	<25	17,000	---	140	<250	---	---	---	---	---	---	329.36	20.97	308.39	---	---
S-5	04/07/2004	20,000	70	<25	230	290	---	66	<250	---	---	---	---	---	---	329.36	20.81	308.55	---	---
S-5	07/27/2004	9,900	46	<25	74	<50	---	43	<250	<100	<100	<100	---	---	<2,500	329.36	20.93	308.46	0.04	---
S-5	08/04/2004	22,000	48	<10	63	38	---	---	---	---	---	---	---	---	---	329.36	20.97	308.46	0.09	---

GROUNDWATER DATA
SHELL-BRANDED SERVICE STATION
3790 HOPYARD ROAD, PLEASANTON, CALIFORNIA

Well ID	Date	TPHg (µg/L)	B (µg/L)	T (µg/L)	E (µg/L)	X (µg/L)	MTBE 8020 (µg/L)	MTBE 8260 (µg/L)	TBA (µg/L)	DIPE (µg/L)	ETBE (µg/L)	TAME (µg/L)	1,2-DCA (µg/L)	EDB (µg/L)	Ethanol (µg/L)	TOC (ft MSL)	Depth to Water (ft TOC)	GW Elevation (ft MSL)	SPH Thickness (ft)	DO Reading (mg/L)
S-5	10/29/2004	14,000	93	<25	96	94	---	<25	<250	<100	<100	<100	---	---	<2,500	329.36	18.59	310.77	---	---
S-5	01/06/2005	4,500	32	<10	47	86	---	<10	<100	<40	<40	<40	---	---	---	329.36	18.83	310.53	---	---
S-5	04/14/2005	1,700	1.0	<0.50	8.4	16	---	5.6	8.1	<0.50	<0.50	<0.50	---	---	<5.0	329.36	15.03	314.33	---	---
S-5	07/29/2005	3,900	8.9	<2.5	9.8	13	---	21	<200	<10	<10	<40	---	---	<1,000	329.36	19.71	309.65	---	---
S-5	10/20/2005	3,300	27	<2.5	9.1	14	---	6.0	32	<10	<10	<10	---	---	<250	329.36	21.90	307.46	---	---
S-5	11/11/2005	2,300	54	0.69	15	19	---	8.3	<5.0	---	---	---	---	---	---	329.36	22.17	307.19	---	---
S-5	01/26/2006	6,680	43.6	4.93	38.2	89.1	---	8.38	<10.0	<0.500	<0.500	<0.500	---	---	<50.0	329.36	20.85	308.51	---	---
S-5	04/24/2006	1,930	1.43	<0.500	<0.500	12.1	---	2.76	<10.0	<0.500	<0.500	<0.500	---	---	<50.0	329.36	14.40	314.96	---	---
S-5	07/12/2006	<50.0	4.24	<0.500	25.8	44.8	---	6.43	35.3	<0.500	<0.500	<0.500	---	---	<50.0	329.36	15.50	313.86	---	---
S-5	10/20/2006	2,890	17.5	0.760	55.1	106	---	3.78	<10.0	<0.500	<0.500	<0.500	---	---	<50.0	329.36	15.55	313.81	---	---
S-5	01/22/2007	1,600	7.3	0.54	35	60	---	0.73 k	<10	<1.0	<1.0	<1.0	---	---	<150	329.36	15.74	313.62	---	---
S-5	04/13/2007	1,100 i	4.6	0.47 k	18	25.9	---	<1.0	<10	<2.0	<2.0	<2.0	---	---	<100	329.36	15.69	313.67	---	---
S-5	07/09/2007	440 i	3.0	0.29 k	13	19.7	---	2.8	<10	<2.0	<2.0	<2.0	---	---	<100	329.36	15.46	313.90	---	---
S-5	10/22/2007	6,300 i	3.1	0.41 k	21	28.3	---	<1.0	<10	<2.0	<2.0	<2.0	---	---	<100	329.36	15.87	313.49	---	---
S-5	01/09/2008	590 i	0.69	0.28 k	10	11.3	---	0.71 k	<10	<2.0	<2.0	<2.0	---	---	100	329.36	14.97	314.39	---	---
S-5	04/11/2008	470	0.76	<1.0	5.4	4.7	---	4.9	18	<2.0	<2.0	<2.0	---	---	<100	329.36	16.38	312.98	---	---
S-5	07/29/2008	350	1.1	<1.0	3.9	2.3	---	4.4	18	<2.0	<2.0	<2.0	---	---	<100	329.36	16.22	313.14	---	---
S-5	10/29/2008	630	5.7	<1.0	4.5	2.9	---	9.5	23	<2.0	<2.0	<2.0	---	---	<100	329.36	17.50	311.86	---	---
S-5	01/21/2009	1,200	14	<1.0	7.0	4.1	---	22	46	<2.0	<2.0	<2.0	---	---	<100	329.36	16.52	312.84	---	---
S-5	04/16/2009	280	1.3	<1.0	2.7	1.4	---	11	35	<2.0	<2.0	<2.0	---	---	<100	329.36	15.95	313.41	---	---
S-5	07/09/2009	500	4.3	<1.0	2.9	1.4	---	22	32	<2.0	<2.0	<2.0	---	---	<100	329.36	17.46	311.90	---	---
S-5	01/11/2010	370	5.0	<1.0	4.0	<1.0	---	26	31	<2.0	<2.0	<2.0	---	---	<100	329.36	16.68	312.68	---	---
S-5	07/06/2010	1,300	6.5	<1.0	8.5	<1.0	---	49	85	---	---	---	---	---	<100	329.36	16.20	313.16	---	---
S-5	01/21/2011	330	1.4	<0.50	1.3	<1.0	---	21	40	<1.0	<1.0	<1.0	---	---	<150	329.36	16.27	313.09	---	---
S-5	07/20/2011	430	3.2	<0.50	3.0	<1.0	---	22	33	---	---	---	---	---	<150	329.36	16.76	312.60	---	---
S-5	01/06/2012	690	5.5	<0.50	1.5	<1.0	---	40	56	<1.0	<1.0	<1.0	---	---	<150	329.36	18.03	311.33	---	---
S-5	01/04/2013	330	2.1	<0.50	0.82	<1.0	---	4.0	<10	<0.50	<0.50	<0.50	---	---	<150	329.36	14.89	314.47	---	---
S-5	**11/08/2013**	**---**	**---**	**---**	**---**	**---**	**---**	**120**	**---**	**---**	**---**	**---**	**---**	**---**	**---**	**329.36**	**15.81**	**313.55**	**---**	**---**
S-5B	11/08/2005	---	---	---	---	---	---	---	---	---	---	---	---	---	---	332.25	43.71	288.54	---	---
S-5B	11/11/2005	<50	<0.50	<0.50	<0.50	<1.0	---	2.5	15	---	---	---	---	---	---	332.25	43.79	288.46	---	---
S-5B	01/26/2006	<50.0	<0.500	<0.500	<0.500	<0.500	---	1.63	<10.0	<0.500	<0.500	<0.500	---	---	<50.0	332.25	38.21	294.04	---	---
S-5B	04/24/2006	<50.0	0.540	1.18	<0.500	<0.500	---	1.88	12.2	<0.500	<0.500	<0.500	---	---	<50.0	332.25	30.68	301.57	---	---
S-5B	07/12/2006	<50.0	<0.500	<0.500	<0.500	<0.500	---	1.63	<10.0	<0.500	<0.500	<0.500	---	---	<50.0	332.25	30.05	302.20	---	---
S-5B	10/20/2006	<50.0	<0.500	<0.500	<0.500	<0.500	---	1.04	<10.0	<0.500	<0.500	<0.500	---	---	<50.0	332.25	31.60	300.65	---	---

GROUNDWATER DATA
SHELL-BRANDED SERVICE STATION
3790 HOPYARD ROAD, PLEASANTON, CALIFORNIA

Well ID	Date	TPHg (µg/L)	B (µg/L)	T (µg/L)	E (µg/L)	X (µg/L)	MTBE 8020 (µg/L)	MTBE 8260 (µg/L)	TBA (µg/L)	DIPE (µg/L)	ETBE (µg/L)	TAME (µg/L)	1,2-DCA (µg/L)	EDB (µg/L)	Ethanol (µg/L)	TOC (ft MSL)	Depth to Water (ft TOC)	GW Elevation (ft MSL)	SPH Thickness (ft)	DO Reading (mg/L)
S-5B	01/22/2007	<50	0.33 k	0.36 k	0.27 k	<1.0	---	0.90 k	<10	<1.0	<1.0	<1.0	---	---	<150	332.25	27.79	304.46	---	---
S-5B	04/13/2007	<50 i	0.30 k	0.28 k	<1.0	<1.0	---	0.73 k	<10	<2.0	<2.0	<2.0	---	---	79 k	332.25	24.78	307.47	---	---
S-5B	07/09/2007	<50 i	0.37 k	<1.0	<1.0	<1.0	---	0.49 k	<10	<2.0	<2.0	<2.0	---	---	<100	332.25	31.12	301.13	---	---
S-5B	10/22/2007	66 i	0.33 k	<1.0	<1.0	<1.0	---	0.64 k	5.7 k	<2.0	<2.0	<2.0	---	---	<100	332.25	29.64	302.61	---	---
S-5B	01/09/2008	<50 i	0.29 k	<1.0	<1.0	<1.0	---	0.46 k	<10	<2.0	<2.0	<2.0	---	---	220	332.25	25.52	306.73	---	---
S-5B	04/11/2008	<50	<0.50	<1.0	<1.0	<1.0	---	<1.0	<10	<2.0	<2.0	<2.0	---	---	<100	332.25	25.32	306.93	---	---
S-5B	07/29/2008	<50	<0.50	<1.0	<1.0	<1.0	---	<1.0	<10	<2.0	<2.0	<2.0	---	---	100	332.25	32.33	299.92	---	---
S-5B	10/29/2008	<50	<0.50	<1.0	<1.0	<1.0	---	<1.0	<10	<2.0	<2.0	<2.0	---	---	<100	332.25	34.51	297.74	---	---
S-5B	01/21/2009	<50	<0.50	<1.0	<1.0	<1.0	---	<1.0	10	<2.0	<2.0	<2.0	---	---	<100	332.25	32.27	299.98	---	---
S-5B	04/16/2009	<50	<0.50	<1.0	<1.0	<1.0	---	<1.0	14	<2.0	<2.0	<2.0	---	---	<100	332.25	29.30	302.95	---	---
S-5B	07/09/2009	<50	<0.50	<1.0	<1.0	<1.0	---	<1.0	<10	<2.0	<2.0	<2.0	---	---	200	332.25	34.41	297.84	---	---
S-5B	01/11/2010	<50	<0.50	<1.0	<1.0	<1.0	---	<1.0	<10	<2.0	<2.0	<2.0	---	---	200	332.25	37.45	294.80	---	---
S-5B	07/06/2010	<50	<0.50	<1.0	<1.0	<1.0	---	<1.0	<10	---	---	---	---	---	<100	332.25	35.18	297.07	---	---
S-5B	01/21/2011	<50	<0.50	<0.50	<0.50	<1.0	---	<1.0	<10	<1.0	<1.0	<1.0	---	---	<150	332.25	36.52	295.73	---	---
S-5B	07/20/2011	<50	<0.50	<0.50	<0.50	<1.0	---	<1.0	<10	---	---	---	---	---	<150	332.25	34.97	297.28	---	---
S-5B	01/06/2012	<50	<0.50	<0.50	<0.50	<1.0	---	1.0	<10	<1.0	<1.0	<1.0	---	---	<150	332.25	36.10	296.15	---	---
S-5B	01/04/2013	<50	<0.50	<0.50	<0.50	<1.0	---	0.87	<10	<0.50	<0.50	<0.50	---	---	<150	332.25	45.31	286.94	---	---
S-5C	11/08/2005	---	---	---	---	---	---	---	---	---	---	---	---	---	---	332.33	43.69	288.64	---	---
S-5C	11/11/2005	55	<0.50	0.67	<0.50	<1.0	---	0.87	<5.0	---	---	---	---	---	---	332.33	43.65	288.68	---	---
S-5C	01/26/2006	<50.0	<0.500	<0.500	<0.500	<0.500	---	1.91	41.2	<0.500	<0.500	<0.500	---	---	<50.0	332.33	38.11	294.22	---	---
S-5C	04/24/2006	<50.0	0.740	<0.500	<0.500	<0.500	---	1.93	17.8	<0.500	<0.500	<0.500	---	---	<50.0	332.33	30.61	301.72	---	---
S-5C	07/12/2006	<50.0	<0.500	<0.500	<0.500	<0.500	---	1.42	<10.0	<0.500	<0.500	<0.500	---	---	<50.0	332.33	30.07	302.26	---	---
S-5C	10/20/2006	<50.0	<0.500	<0.500	<0.500	<0.500	---	<0.500	<10.0	<0.500	<0.500	<0.500	---	---	<50.0	332.33	31.67	300.66	---	---
S-5C	01/22/2007	<50	<0.50	<0.50	<0.50	<1.0	---	<1.0	9.0 g,k	<1.0	<1.0	<1.0	---	---	<150	332.33	27.90	304.43	---	---
S-5C	04/13/2007	<50 i	0.24 k	<1.0	<1.0	<1.0	---	<1.0	12	<2.0	<2.0	<2.0	---	---	<100	332.33	24.90	307.43	---	---
S-5C	07/09/2007	<50 i	<0.50	<1.0	<1.0	<1.0	---	<1.0	5.5 k	<2.0	<2.0	<2.0	---	---	<100	332.33	31.22	301.11	---	---
S-5C	10/22/2007	<50 i	<0.50	<1.0	<1.0	<1.0	---	<1.0	10	<2.0	<2.0	<2.0	---	---	<100	332.33	29.59	302.74	---	---
S-5C	01/09/2008	<50 i	<0.50	<1.0	<1.0	<1.0	---	<1.0	8.8 k	<2.0	<2.0	<2.0	---	---	<100	332.33	25.51	306.82	---	---
S-5C	04/11/2008	<50	<0.50	<1.0	<1.0	<1.0	---	<1.0	<10	<2.0	<2.0	<2.0	---	---	<100	332.33	25.51	306.82	---	---
S-5C	07/29/2008	<50	<0.50	<1.0	<1.0	<1.0	---	<1.0	<10	<2.0	<2.0	<2.0	---	---	<100	332.33	32.48	299.85	---	---
S-5C	10/29/2008	<50	<0.50	<1.0	<1.0	<1.0	---	<1.0	<10	<2.0	<2.0	<2.0	---	---	<100	332.33	36.39	295.94	---	---
S-5C	01/21/2009	<50	<0.50	<1.0	<1.0	<1.0	---	<1.0	<10	<2.0	<2.0	<2.0	---	---	<100	332.33	32.20	300.13	---	---
S-5C	04/16/2009	<50	<0.50	<1.0	<1.0	<1.0	---	<1.0	<10	<2.0	<2.0	<2.0	---	---	<100	332.33	29.29	303.04	---	---
S-5C	07/09/2009	<50	<0.50	<1.0	<1.0	<1.0	---	<1.0	<10	<2.0	<2.0	<2.0	---	---	<100	332.33	34.51	297.82	---	---

TABLE 1

GROUNDWATER DATA
SHELL-BRANDED SERVICE STATION
3790 HOPYARD ROAD, PLEASANTON, CALIFORNIA

Well ID	Date	TPHg (µg/L)	B (µg/L)	T (µg/L)	E (µg/L)	X (µg/L)	MTBE 8020 (µg/L)	MTBE 8260 (µg/L)	TBA (µg/L)	DIPE (µg/L)	ETBE (µg/L)	TAME (µg/L)	1,2-DCA (µg/L)	EDB (µg/L)	Ethanol (µg/L)	TOC (ft MSL)	Depth to Water (ft TOC)	GW Elevation (ft MSL)	SPH Thickness (ft)	DO Reading (mg/L)
S-5C	01/11/2010	<50	<0.50	<1.0	<1.0	<1.0	---	<1.0	<10	<2.0	<2.0	<2.0	---	---	<100	332.33	37.45	294.88	---	---
S-5C	07/06/2010	<50	<0.50	<1.0	<1.0	<1.0	---	<1.0	<10	---	---	---	---	---	<100	332.33	35.14	297.19	---	---
S-5C	01/21/2011	<50	<0.50	<0.50	<0.50	<1.0	---	<1.0	<10	<1.0	<1.0	<1.0	---	---	<150	332.33	36.42	295.91	---	---
S-5C	07/20/2011	<50	<0.50	<0.50	<0.50	<1.0	---	<1.0	<10	---	---	---	---	---	<150	332.33	34.83	297.50	---	---
S-5C	01/06/2012	<50	<0.50	<0.50	<0.50	<1.0	---	<1.0	<10	<1.0	<1.0	<1.0	---	---	<150	332.33	36.00	296.33	---	---
S-5C	01/04/2013	<50	<0.50	<0.50	<0.50	<1.0	---	<0.50	<10	<0.50	<0.50	<0.50	---	---	<150	332.33	45.04	287.29	---	---
S-6	10/13/1988	1100	13.0	1	42	33	---	---	---	---	---	---	---	---	---	---	---	---	---	---
S-6	01/31/1989	340	3.8	<1	8	3	---	---	---	---	---	---	---	---	---	---	---	---	---	---
S-6	03/07/1989	190	3.8	<1	7	3	---	---	---	---	---	---	---	---	---	---	---	---	---	---
S-6	06/26/1989	480	15	<1	6	<3	---	---	---	---	---	---	---	---	---	---	---	---	---	---
S-6	09/08/1989	270	1.3	1	7	<3	---	---	---	---	---	---	---	---	---	---	---	---	---	---
S-6	12/15/1989	320	1.0	<0.5	2.6	<1	---	---	---	---	---	---	---	---	---	---	---	---	---	---
S-6	03/06/1990	420	3.1	<0.5	14	<1	---	---	---	---	---	---	---	---	---	---	---	---	---	---
S-6	06/14/1990	370	3.7	0.9	4.8	3	---	---	---	---	---	---	---	---	---	---	---	---	---	---
S-6	10/02/1990	190	6.6	1.6	1.9	2.8	---	---	---	---	---	---	---	---	---	---	---	---	---	---
S-6	12/18/1990	430	10	0.7	1.6	1.5	---	---	---	---	---	---	---	---	---	---	---	---	---	---
S-6	03/20/1991	130a	606	0.6	0.7	3	---	---	---	---	---	---	---	---	---	327.62	---	---	---	---
S-6	06/26/1991	120a	3.8	0.8	<0.5	1.7	---	---	---	---	---	---	---	---	---	327.62	---	---	---	---
S-6	09/05/1991	60	<0.5	0.8	<0.5	0.5	---	---	---	---	---	---	---	---	---	327.62	---	---	---	---
S-6	12/13/1991	150	2.3	<0.5	<0.5	150	---	---	---	---	---	---	---	---	---	327.62	15.11	312.51	---	---
S-6	03/11/1992	<30	<0.3	<0.3	<0.5	<0.3	---	---	---	---	---	---	---	---	---	327.62	16.35	311.27	---	---
S-6	06/24/1992	170	<0.5	<0.5	<0.5	<0.5	---	---	---	---	---	---	---	---	---	327.62	16.51	311.11	---	---
S-6	09/17/1992	190	<0.5	1.6	<0.5	1.2	---	---	---	---	---	---	---	---	---	327.62	14.33	313.29	---	---
S-6	12/11/1992	180	<0.5	0.8	<0.5	0.7	---	---	---	---	---	---	---	---	---	327.62	14.48	313.14	---	---
S-6	02/04/1993	290	<0.5	<0.5	<0.5	0.7	---	---	---	---	---	---	---	---	---	327.62	---	---	---	---
S-6	06/03/1993	100	1.2	<0.5	<0.5	<0.5	---	---	---	---	---	---	---	---	---	327.62	---	---	---	---
S-6	09/15/1993	160	1.4	<0.5	0.9	2	---	---	---	---	---	---	---	---	---	327.62	14.16	313.46	---	---
S-6	12/09/1993	130	2.3	2.6	5.1	6.2	---	---	---	---	---	---	---	---	---	327.62	14.68	312.94	---	---
S-6	03/04/1994	220	<0.5	<0.5	<0.5	<0.5	---	---	---	---	---	---	---	---	---	327.62	14.42	313.20	---	---
S-6	06/16/1994	60	<0.5	<0.5	<0.5	<0.5	---	---	---	---	---	---	---	---	---	327.62	14.92	312.70	---	---
S-6	09/13/1994	<50	<0.5	6.0	<0.5	<0.5	---	---	---	---	---	---	---	---	---	327.62	14.72	312.90	---	---
S-6	06/21/1995	270	<0.5	<0.5	<0.5	<0.5	---	---	---	---	---	---	---	---	---	327.62	13.86	313.76	---	---
S-6	06/12/1996	200	2.0	<0.5	<0.5	<0.5	12	---	---	---	---	---	---	---	---	327.62	13.90	313.72	---	---
S-6	06/25/1997	180	<0.50	0.61	<0.50	0.77	28	---	---	---	---	---	---	---	---	327.62	13.64	313.98	---	1.8

GROUNDWATER DATA
SHELL-BRANDED SERVICE STATION
3790 HOPYARD ROAD, PLEASANTON, CALIFORNIA

Well ID	Date	TPHg (µg/L)	B (µg/L)	T (µg/L)	E (µg/L)	X (µg/L)	MTBE 8020 (µg/L)	MTBE 8260 (µg/L)	TBA (µg/L)	DIPE (µg/L)	ETBE (µg/L)	TAME (µg/L)	1,2-DCA (µg/L)	EDB (µg/L)	Ethanol (µg/L)	TOC (ft MSL)	Depth to Water (ft TOC)	GW Elevation (ft MSL)	SPH Thickness (ft)	DO Reading (mg/L)
S-6 (D)	06/25/1997	130	<0.50	<0.50	<0.50	<0.50	21	---	---	---	---	---	---	---	---	327.62	13.64	313.98	---	1.8
S-6	06/19/1998	100	7.6	<0.50	<0.50	<0.50	27	---	---	---	---	---	---	---	---	327.62	13.81	313.81	---	1.7
S-6	06/17/1999	114	4.14	<0.500	<0.500	<0.500	19.9	---	---	---	---	---	---	---	---	327.62	14.21	313.41	---	1.6
S-6	06/15/2000	367	17.5	<0.500	<0.500	<0.500	1,050	---	---	---	---	---	---	---	---	327.62	14.51	313.11	---	1.8
S-6	11/29/2000	154	0.754	16.4	<0.500	1.05	5,470	---	---	---	---	---	---	---	---	327.62	14.32	313.30	---	2.1
S-6	03/07/2001	183	0.971	25.1	0.636	0.996	6,830	---	---	---	---	---	---	---	---	327.62	15.39	312.23	---	1.7
S-6	06/18/2001	<2,000	<20	<20	<20	<20	---	8,200	---	---	---	---	---	---	---	327.62	14.72	312.90	---	---
S-6	09/17/2001 c	<50	<0.50	<0.50	<0.50	<0.50	---	5.7	<50	<2.0	<2.0	<2.0	---	---	<500	327.62	16.69	310.93	---	---
S-6	12/31/2001	260	<0.50	<0.50	<0.50	<0.50	---	11,000	---	---	---	---	---	---	---	327.62	13.99	313.63	---	---
S-6	03/13/2002	440	<2.5	<2.5	<2.5	<2.5	---	930	---	---	---	---	---	---	---	327.62	15.10	312.52	---	---
S-6	06/18/2002	340	<1.0	<1.0	<1.0	<1.0	---	560	---	---	---	---	---	---	---	327.62	15.24	312.38	---	---
S-6	09/27/2002	<250	<2.5	<2.5	<2.5	<2.5	---	580	---	---	---	---	---	---	---	327.26	14.34	312.92	---	---
S-6	12/27/2002	<500	<5.0	<5.0	<5.0	<5.0	---	230	10,000	<5.0	<5.0	<5.0	<5.0	<5.0	---	327.26	14.30	312.96	---	---
S-6	03/24/2003	<5,000	<50	<50	<50	<100	---	<500	---	---	---	---	---	---	---	327.26	14.37	312.89	---	---
S-6	05/09/2003	<2,500	<25	<25	<25	<50	---	140	12,000	---	---	---	---	---	---	327.26	14.25	313.01	---	---
S-6	07/08/2003	<2,500	<25	<25	<25	<50	---	100	8,400	---	---	---	---	---	---	327.26	15.37	311.89	---	---
S-6	10/15/2003	<1,000	<10	<10	<10	<20	---	63	10,000	---	---	---	---	---	---	327.26	17.69	309.57	---	---
S-6	01/06/2004	<500	<5.0	<5.0	<5.0	<10	---	27	7,600	---	---	---	---	---	---	327.26	17.19	310.07	---	---
S-6	04/07/2004	<500	<5.0	<5.0	<5.0	<10	---	15	2,900	---	---	---	---	---	---	327.26	16.72	310.54	---	---
S-6	07/27/2004	860 d	<5.0	<5.0	<5.0	<10	---	30	5,700	<20	<20	<20	---	---	<500	327.26	16.90	310.36	---	---
S-6	10/29/2004	<500	<5.0	<5.0	<5.0	<10	---	14	2,500	<20	<20	<20	---	---	<500	327.26	16.68	310.58	---	---
S-6	01/06/2005	<200	<2.0	<2.0	<2.0	<4.0	---	8.7	1,200	<8.0	<8.0	<8.0	---	---	---	327.26	16.75	310.51	---	---
S-6	04/14/2005	180	<0.90	<0.90	<0.90	<0.90	---	11	2,300	<0.90	<0.90	<0.90	---	---	<9.0	327.26	15.30	311.96	---	---
S-6	07/29/2005	270 f	<2.5	<2.5	<2.5	<5.0	---	17	2,300	<10	<10	<10	---	---	<250	327.26	16.77	310.49	---	---
S-6	10/20/2005	570	<2.5	<2.5	<2.5	<5.0	---	7.1	1,200	<10	<10	<10	---	---	<250	327.26	17.30	309.96	---	---
S-6	01/26/2006	808	<0.500	<0.500	<0.500	<0.500	---	5.07	473	<0.500	<0.500	<0.500	---	---	<50.0	327.26	17.00	310.26	---	---
S-6	04/24/2006	303	<0.500	<0.500	<0.500	<0.500	---	4.03	212	<0.500	<0.500	<0.500	---	---	<50.0	327.26	15.42	311.84	---	---
S-6	07/12/2006	<50.0	<0.500	<0.500	<0.500	<0.500	---	13.3	609	<0.500	<0.500	<0.500	---	---	<50.0	327.26	15.15	312.11	---	---
S-6	10/20/2006	850	<0.500	<0.500	<0.500	<0.500	---	26.4	1,050	<0.500	<0.500	<0.500	---	---	<50.0	327.26	13.98	313.28	---	---
S-6	01/22/2007	620	<2.0	<2.0	<2.0	<4.0	---	30	2,000	<4.0	<4.0	<4.0	---	---	<600	327.26	14.14	313.12	---	---
S-6	04/13/2007	490 i,j	<2.5	<5.0	<5.0	<5.0	---	21	1,700	<10	<10	<10	---	---	<500	327.26	14.35	312.91	---	---
S-6	07/09/2007	830 i,j	<0.50	<1.0	<1.0	<1.0	---	29	2,300	<2.0	<2.0	<2.0	---	---	<100	327.26	14.22	313.04	---	---
S-6	10/22/2007	810 i	<2.5	<5.0	<5.0	<5.0	---	26	2,300	<10	<10	<10	---	---	<500	327.26	14.72	312.54	---	---
S-6	01/09/2008	220 i	<2.5	<5.0	<5.0	<5.0	---	15	1,100	<10	<10	<10	---	---	<500	327.26	14.97	312.29	---	---
S-6	04/11/2008	590	<0.50	<1.0	<1.0	<1.0	---	13	2,000	<2.0	<2.0	<2.0	---	---	<100	327.26	14.70	312.56	---	---

GROUNDWATER DATA
SHELL-BRANDED SERVICE STATION
3790 HOPYARD ROAD, PLEASANTON, CALIFORNIA

Well ID	Date	TPHg (µg/L)	B (µg/L)	T (µg/L)	E (µg/L)	X (µg/L)	MTBE 8020 (µg/L)	MTBE 8260 (µg/L)	TBA (µg/L)	DIPE (µg/L)	ETBE (µg/L)	TAME (µg/L)	1,2-DCA (µg/L)	EDB (µg/L)	Ethanol (µg/L)	TOC (ft MSL)	Depth to Water (ft TOC)	GW Elevation (ft MSL)	SPH Thickness (ft)	DO Reading (mg/L)
S-6	07/29/2008	1,100	<2.5	<5.0	<5.0	<5.0	---	15	1,700	<10	<10	<10	---	---	<500	327.26	15.84	311.42	---	---
S-6	10/29/2008	1,000	<2.5	<5.0	<5.0	<5.0	---	14	3,200	<10	<10	<10	---	---	<500	327.26	16.29	310.97	---	---
S-6	01/21/2009	600	<2.5	<5.0	<5.0	<5.0	---	8.1	1,900	<10	<10	<10	---	---	<500	327.26	15.80	311.46	---	---
S-6	04/16/2009	840	<2.5	<5.0	<5.0	<5.0	---	13	4,000	<10	<10	<10	---	---	<500	327.26	14.35	312.91	---	---
S-6	07/09/2009	970	<2.5	<5.0	<5.0	<5.0	---	17	7,100	<10	<10	<10	---	---	<500	327.26	15.02	312.24	---	---
S-6	01/11/2010	880	<2.5	<5.0	<5.0	<5.0	---	8.7	4,400	<10	<10	<10	---	---	<500	327.26	14.61	312.65	---	---
S-6	07/06/2010	950	<0.50	<1.0	<1.0	<1.0	---	13	5,200	---	---	---	---	---	<100	327.26	14.41	312.85	---	---
S-6	01/21/2011	490	<2.0	<2.0	<2.0	4.7	---	6.6	3,500	<4.0	<4.0	<4.0	---	---	<600	327.26	14.61	312.65	---	---
S-6	07/20/2011	880	<2.5	<2.5	<2.5	<5.0	---	6.0	3,700	---	---	---	---	---	<750	327.26	14.29	312.97	---	---
S-6	01/06/2012	660	<1.0	<1.0	<1.0	<2.0	---	6.3	2,300	<2.0	<2.0	<2.0	---	---	<300	327.26	15.89	311.37	---	---
S-6	05/10/2012	610	<2.0	<2.0	<2.0	<4.0	---	4.0	1,200	---	---	---	---	---	<600	327.26	15.32	311.94	---	---
S-6	07/06/2012	520	<1.3	<1.3	<1.3	<2.5	---	4.7	2,500	---	---	---	---	---	<380	327.26	15.29	311.97	---	---
S-6	10/19/2012	860	<2.5	<2.5	<2.5	<5.0	---	3.8	2,200	---	---	---	---	---	<750	327.26	16.00	311.26	---	---
S-6	01/04/2013	660	<0.50	<0.50	<0.50	<1.0	---	3.5	1,000	<0.50	<0.50	<0.50	---	---	<150	327.26	14.95	312.31	---	---
S-6	**04/23/2013**	**780**	**<1.3**	**<1.3**	**<1.3**	**<2.5**	**---**	**3.9**	**1,500**	**---**	**---**	**---**	**---**	**---**	**<380**	**327.26**	**15.00**	**312.26**	**---**	**---**
S-6	**08/02/2013**	**890**	**<2.0**	**<2.0**	**<2.0**	**<4.0**	**---**	**4.4**	**1,600**	**---**	**---**	**---**	**---**	**---**	**<600**	**327.26**	**14.97**	**312.29**	**---**	**---**
S-6	**11/08/2013**	**1,900**	**<2.0**	**<2.0**	**<2.0**	**<4.0**	**---**	**7.9**	**2,500**	**---**	**---**	**---**	**---**	**---**	**<600**	**327.26**	**15.12**	**312.14**	**---**	**---**
S-7	10/13/1988	<50	0.6	1	<1	<3	---	---	---	---	---	---	---	---	---	---	---	---	---	---
S-7	01/31/1989	<50	<0.5	<1	<1	<3	---	---	---	---	---	---	---	---	---	---	---	---	---	---
S-7	03/07/1989	<50	<0.5	<1	<1	<3	---	---	---	---	---	---	---	---	---	---	---	---	---	---
S-7	06/26/1989	<50	<0.5	<1	<1	<3	---	---	---	---	---	---	---	---	---	---	---	---	---	---
S-7	09/08/1989	<50	<0.5	<1	<1	<3	---	---	---	---	---	---	---	---	---	---	---	---	---	---
S-7	12/15/1989	<50	<0.5	<0.5	<0.5	<1	---	---	---	---	---	---	---	---	---	---	---	---	---	---
S-7	03/06/1990	<50	<0.5	<0.5	<0.5	<1	---	---	---	---	---	---	---	---	---	---	---	---	---	---
S-7	06/14/1990	<50	<0.5	<0.5	<0.5	<1	---	---	---	---	---	---	---	---	---	---	---	---	---	---
S-7	10/02/1990	<50	<0.5	0.6	<0.5	0.9	---	---	---	---	---	---	---	---	---	---	---	---	---	---
S-7	12/18/1990	<50	0.5	<0.5	<0.5	0.86	---	---	---	---	---	---	---	---	---	---	---	---	---	---
S-7	03/20/1991	<50	<0.5	<0.5	<0.5	<0.5	---	---	---	---	---	---	---	---	---	328.67	---	---	---	---
S-7	06/26/1991	<50	<0.5	<0.5	<0.5	<0.5	---	---	---	---	---	---	---	---	---	328.67	---	---	---	---
S-7	09/05/1991	<50	<0.5	0.6	<0.5	<0.5	---	---	---	---	---	---	---	---	---	328.67	---	---	---	---
S-7	12/13/1991	<50	<0.6	<0.5	<0.5	<0.5	---	---	---	---	---	---	---	---	---	328.67	17.70	310.97	---	---
S-7	03/11/1992	<50	<0.3	<0.3	<0.3	<0.3	---	---	---	---	---	---	---	---	---	328.67	17.06	311.61	---	---
S-7	06/24/1992	<50	<0.5	<0.5	<0.5	<0.5	---	---	---	---	---	---	---	---	---	328.67	17.80	310.87	---	---
S-7	09/17/1992	<50	0.6	0.6	<0.5	<0.5	---	---	---	---	---	---	---	---	---	328.67	17.00	311.67	---	---

TABLE 1

GROUNDWATER DATA
SHELL-BRANDED SERVICE STATION
3790 HOPYARD ROAD, PLEASANTON, CALIFORNIA

Well ID	Date	TPHg (µg/L)	B (µg/L)	T (µg/L)	E (µg/L)	X (µg/L)	MTBE 8020 (µg/L)	MTBE 8260 (µg/L)	TBA (µg/L)	DIPE (µg/L)	ETBE (µg/L)	TAME (µg/L)	1,2-DCA (µg/L)	EDB (µg/L)	Ethanol (µg/L)	TOC (ft MSL)	Depth to Water (ft TOC)	GW Elevation (ft MSL)	SPH Thickness (ft)	DO Reading (mg/L)
S-7	12/11/1992	<50	<0.5	<0.5	<0.5	<0.5	---	---	---	---	---	---	---	---	---	328.67	17.35	311.32	---	---
S-7	02/04/1993	<50	<0.5	<0.5	<0.5	<0.5	---	---	---	---	---	---	---	---	---	328.67	---	---	---	---
S-7	06/03/1993	<50	<0.5	<0.5	<0.5	<0.5	---	---	---	---	---	---	---	---	---	328.67	---	---	---	---
S-7	09/15/1993	---	---	---	---	---	---	---	---	---	---	---	---	---	---	328.67	16.65	312.02	---	---
S-7	09/13/1994	---	---	---	---	---	---	---	---	---	---	---	---	---	---	328.67	16.83	311.84	---	---
S-7	06/21/1995	<50	<0.5	<0.5	<0.5	<0.5	---	---	---	---	---	---	---	---	---	328.67	15.88	312.79	---	---
S-7	06/12/1996	<50	<0.5	<0.5	<0.5	<0.5	<2.5	---	---	---	---	---	---	---	---	328.67	16.22	312.45	---	---
S-7	06/25/1997	<50	<0.50	<0.50	<0.50	<0.50	<2.5	---	---	---	---	---	---	---	---	328.67	16.12	312.55	---	3
S-7	06/19/1998	<50	<0.50	<.050	<0.50	<0.50	<2.5	---	---	---	---	---	---	---	---	328.67	14.81	313.86	---	2.6
S-7	06/17/1999	<50.0	<0.500	<0.500	<0.500	<0.500	<5.00	---	---	---	---	---	---	---	---	328.67	15.91	312.76	---	5.1
S-7	06/15/2000	<50.0	<0.500	<0.500	<0.500	<0.500	7.32	---	---	---	---	---	---	---	---	328.67	16.14	312.53	---	2.0
S-7	11/29/2000	<50.0	<0.500	<0.500	<0.500	<0.500	<2.50	---	---	---	---	---	---	---	---	328.67	16.89	311.78	---	3.6
S-7	03/07/2001	<50.0	<0.500	<0.500	<0.500	<0.500	<2.50	---	---	---	---	---	---	---	---	328.67	16.55	312.12	---	2.1
S-7	06/18/2001	<50	<0.50	<0.50	<0.50	<0.50	---	2.5	---	---	---	---	---	---	---	328.67	16.30	312.37	---	---
S-7	09/17/2001 c	150	<0.50	55	<0.50	<0.50	---	8,300	---	---	---	---	---	---	---	328.67	14.23	314.44	---	---
S-7	12/31/2001	<50	<0.50	<0.50	<0.50	<0.50	---	<5.0	---	---	---	---	---	---	---	328.67	16.28	312.39	---	---
S-7	03/13/2002	<50	<0.50	<0.50	<0.50	<0.50	---	5.9	---	---	---	---	---	---	---	328.67	17.41	311.26	---	---
S-7	06/18/2002	<50	<0.50	<0.50	<0.50	<0.50	---	12	---	---	---	---	---	---	---	328.67	17.63	311.04	---	---
S-7	09/27/2002	<50	<0.50	<0.50	<0.50	<0.50	---	10	---	---	---	---	---	---	---	328.41	16.96	311.45	---	---
S-7	12/27/2002	<50	<0.50	<0.50	<0.50	<0.50	---	22	<50	<2.0	<2.0	<2.0	4.1	<2.0	---	328.41	16.00	312.41	---	---
S-7	03/24/2003	<50	<0.50	<0.50	<0.50	<1.0	---	21	---	---	---	---	---	---	---	328.41	17.12	311.29	---	---
S-7	05/09/2003	<50	<0.50	<0.50	<0.50	<1.0	---	31	7.3	---	---	---	---	---	---	328.41	16.14	312.27	---	---
S-7	07/08/2003	<50	<0.50	<0.50	<0.50	<1.0	---	36	6.5	---	---	---	---	---	---	328.41	17.42	310.99	---	---
S-7	10/15/2003	<50	<0.50	<0.50	<0.50	<1.0	---	100	<5.0	---	---	---	---	---	---	328.41	15.49	312.92	---	---
S-7	01/06/2004	<100	<1.0	<1.0	<1.0	<2.0	---	200	20	---	---	---	---	---	---	328.41	18.93	309.48	---	---
S-7	04/07/2004	<250	<2.5	<2.5	<2.5	<5.0	---	380	130	---	---	---	---	---	---	328.41	18.93	309.48	---	---
S-7	07/27/2004	<250	<2.5	<2.5	<2.5	<5.0	---	240	45	<10	<10	<10	---	---	<250	328.41	18.91	309.50	---	---
S-7	10/29/2004	<250	<2.5	<2.5	<2.5	<5.0	---	270	52	<10	<10	<10	---	---	<250	328.41	18.65	309.76	---	---
S-7	01/06/2005	<250	<2.5	<2.5	<2.5	<5.0	---	160	<25	<10	<10	<10	---	---	---	328.41	18.52	309.89	---	---
S-7	04/14/2005	<50	<0.50	<0.50	<0.50	<0.50	---	230	130	<0.50	<0.50	<0.50	---	---	<5.0	328.41	16.22	312.19	---	---
S-7	07/29/2005	<2,000	<20	<20	<20	<40	---	170	<200	<80	<80	<80	---	---	<2,000	328.41	18.57	309.84	---	---
S-7	10/20/2005	<100	<1.0	<1.0	<1.0	<2.0	---	180	32	<4.0	<4.0	<4.0	---	---	<100	328.41	19.25	309.16	---	---
S-7	01/26/2006	75.9	<0.500	<0.500	<0.500	<0.500	---	172	65.1	<0.500	<0.500	<0.500	---	---	<50.0	328.41	19.05	309.36	---	---
S-7	04/24/2006	<50.0	<0.500	<0.500	<0.500	<0.500	---	199	22.6	<0.500	<0.500	<0.500	---	---	<50.0	328.41	16.91	311.50	---	---
S-7	07/12/2006	<50.0	<0.500	<0.500	<0.500	<0.500	---	122	<10.0	<0.500	<0.500	<0.500	---	---	<50.0	328.41	16.42	311.99	---	---

GROUNDWATER DATA
SHELL-BRANDED SERVICE STATION
3790 HOPYARD ROAD, PLEASANTON, CALIFORNIA

Well ID	Date	TPHg (µg/L)	B (µg/L)	T (µg/L)	E (µg/L)	X (µg/L)	MTBE 8020 (µg/L)	MTBE 8260 (µg/L)	TBA (µg/L)	DIPE (µg/L)	ETBE (µg/L)	TAME (µg/L)	1,2-DCA (µg/L)	EDB (µg/L)	Ethanol (µg/L)	TOC (ft MSL)	Depth to Water (ft TOC)	GW Elevation (ft MSL)	SPH Thickness (ft)	DO Reading (mg/L)
S-7	10/20/2006	176	<0.500	<0.500	<0.500	0.720	---	73.5	<10.0	<0.500	<0.500	<0.500	---	---	<50.0	328.41	16.66	311.75	---	---
S-7	01/22/2007	<50	<0.50	<0.50	<0.50	<1.0	---	62	6.2 g,k	<1.0	<1.0	<1.0	---	---	<150	328.41	17.24	311.17	---	---
S-7	04/13/2007	<50 i	<0.50	<1.0	<1.0	<1.0	---	6.5	<10	<2.0	<2.0	<2.0	---	---	<100	328.41	17.05	311.36	---	---
S-7	07/09/2007	52 i,j	<0.50	<1.0	<1.0	<1.0	---	39	<10	<2.0	<2.0	<2.0	---	---	<100	328.41	16.52	311.89	---	---
S-7	10/22/2007	<50 i	<0.50	<1.0	<1.0	<1.0	---	33	<10	<2.0	<2.0	<2.0	---	---	<100	328.41	17.03	311.38	---	---
S-7	01/09/2008	<50 i	<0.50	<1.0	<1.0	<1.0	---	28	<10	<2.0	<2.0	<2.0	---	---	<100	328.41	17.00	311.41	---	---
S-7	04/11/2008	370	<0.50	<1.0	1.2	<1.0	---	<1.0	<10	<2.0	<2.0	<2.0	---	---	<100	328.41	16.71	311.70	---	---
S-7	07/29/2008	<50	<0.50	<1.0	<1.0	<1.0	---	21	<10	<2.0	<2.0	<2.0	---	---	<100	328.41	17.35	311.06	---	---
S-7	10/29/2008	<50	<0.50	<1.0	<1.0	<1.0	---	18	<10	<2.0	<2.0	<2.0	---	---	<100	328.41	17.85	310.56	---	---
S-7	01/21/2009	<50	<0.50	<1.0	<1.0	<1.0	---	17	<10	<2.0	<2.0	<2.0	---	---	<100	328.41	17.41	311.00	---	---
S-7	04/16/2009	<50	<0.50	<1.0	<1.0	<1.0	---	19	<10	<2.0	<2.0	<2.0	---	---	<100	328.41	16.72	311.69	---	---
S-7	07/09/2009	<50	<0.50	<1.0	<1.0	<1.0	---	20	<10	<2.0	<2.0	<2.0	---	---	<100	328.41	17.91	310.50	---	---
S-7	01/11/2010	<50	<0.50	<1.0	<1.0	<1.0	---	13	<10	<2.0	<2.0	<2.0	---	---	<100	328.41	17.41	311.00	---	---
S-7	07/06/2010	<50	<50	<1.0	<1.0	<1.0	---	11	<10	---	---	---	---	---	<100	328.41	17.11	311.30	---	---
S-7	01/21/2011	<50	<0.50	<0.50	<0.50	<1.0	---	6.9	<10	<1.0	<1.0	<1.0	---	---	<150	328.41	16.85	311.56	---	---
S-7	07/20/2011	<50	<0.50	<0.50	<0.50	<1.0	---	5.9	<10	---	---	---	---	---	<150	328.41	16.84	311.57	---	---
S-7	01/06/2012	<50	<0.50	<0.50	<0.50	<1.0	---	5.7	<10	<1.0	<1.0	<1.0	---	---	<150	328.41	18.30	310.11	---	---
S-7	01/04/2013	<50	<0.50	<0.50	<0.50	<1.0	---	4.0	<10	<0.50	<0.50	<0.50	---	---	<150	328.41	16.78	311.63	---	---
S-7	**11/08/2013**	**---**	**---**	**---**	**---**	**---**	**---**	**1.1**	**---**	**---**	**---**	**---**	**---**	**---**	**---**	**328.41**	**17.72**	**310.69**	**---**	**---**
S-8	03/07/1989	<50	1.2	1	<1	<3	---	---	---	---	---	---	---	---	---	---	---	---	---	---
S-8	06/26/1989	<50	0.8	1	<1	<3	---	---	---	---	---	---	---	---	---	---	---	---	---	---
S-8	09/08/1989	<50	<0.5	<1	<1	<3	---	---	---	---	---	---	---	---	---	---	---	---	---	---
S-8	12/14/1989	<50	<0.5	<0.5	<0.5	<1	---	---	---	---	---	---	---	---	---	---	---	---	---	---
S-8	03/05/1990	<50	<0.5	0.5	<0.5	<1	---	---	---	---	---	---	---	---	---	---	---	---	---	---
S-8	06/14/1990	<50	<0.5	<0.5	<0.5	<1	---	---	---	---	---	---	---	---	---	---	---	---	---	---
S-8	10/02/1990	<50	<0.5	<0.5	<0.5	<0.5	---	---	---	---	---	---	---	---	---	---	---	---	---	---
S-8	12/18/1990	<50	2.9	7.0	1.0	6.4	---	---	---	---	---	---	---	---	---	---	---	---	---	---
S-8	03/20/1991	<50a	0.8	1.8	2.6	5.2	---	---	---	---	---	---	---	---	---	327.00	---	---	---	---
S-8	06/26/1991	<50	<0.5	<0.5	<0.5	<0.5	---	---	---	---	---	---	---	---	---	327.00	---	---	---	---
S-8	09/05/1991	<50	<0.5	<0.5	<0.5	<0.5	---	---	---	---	---	---	---	---	---	327.00	---	---	---	---
S-8	12/13/1991	<50	<0.5	<0.5	<0.5	<0.5	---	---	---	---	---	---	---	---	---	327.00	15.73	311.27	---	---
S-8	03/11/1992	<30	<0.3	<0.3	<0.3	<0.3	---	---	---	---	---	---	---	---	---	327.00	14.64	312.36	---	---
S-8	06/24/1992	<50	1.4	1.9	<0.5	<0.5	---	---	---	---	---	---	---	---	---	327.00	15.77	311.23	---	---
S-8	09/17/1992	<50	<0.5	<0.5	<0.5	<0.5	---	---	---	---	---	---	---	---	---	327.00	15.37	311.63	---	---

GROUNDWATER DATA
SHELL-BRANDED SERVICE STATION
3790 HOPYARD ROAD, PLEASANTON, CALIFORNIA

Well ID	Date	TPHg (µg/L)	B (µg/L)	T (µg/L)	E (µg/L)	X (µg/L)	MTBE 8020 (µg/L)	MTBE 8260 (µg/L)	TBA (µg/L)	DIPE (µg/L)	ETBE (µg/L)	TAME (µg/L)	1,2-DCA (µg/L)	EDB (µg/L)	Ethanol (µg/L)	TOC (ft MSL)	Depth to Water (ft TOC)	GW Elevation (ft MSL)	SPH Thickness (ft)	DO Reading (mg/L)
S-8	12/11/1992	<50	<0.5	<0.5	<0.5	<0.5	---	---	---	---	---	---	---	---	---	327.00	14.94	312.06	---	---
S-8	02/04/1993	<50	<0.5	<0.5	<0.5	<0.5	---	---	---	---	---	---	---	---	---	327.00	---	---	---	---
S-8	06/03/1993	<50	<0.5	<0.5	<0.5	<0.5	---	---	---	---	---	---	---	---	---	327.00	---	---	---	---
S-8	09/15/1993	---	---	---	---	---	---	---	---	---	---	---	---	---	---	327.00	14.91	312.09	---	---
S-8	09/13/1994	---	---	---	---	---	---	---	---	---	---	---	---	---	---	327.00	15.16	311.84	---	---
S-8	06/21/1995	<50	<0.5	<0.5	<0.5	<0.5	---	---	---	---	---	---	---	---	---	327.00	14.11	312.89	---	---
S-8	06/12/1996	<50	<0.5	<0.5	<0.5	<0.5	<2.5	---	---	---	---	---	---	---	---	327.00	14.20	312.80	---	---
S-8	06/25/1997	170	<0.50	<0.50	<0.50	<0.50	<2.5	---	---	---	---	---	---	---	---	327.00	14.42	312.58	---	0.5
S-8	06/19/1998	<50	<0.50	<0.50	<0.50	<0.50	<2.5	---	---	---	---	---	---	---	---	327.00	13.49	313.51	---	2.2
S-8	06/17/1999	<50.0	<0.500	<0.500	<0.500	<0.500	<5.00	---	---	---	---	---	---	---	---	327.00	14.07	312.93	---	0.9
S-8	06/15/2000	Well inaccessible			---	---	---	---	---	---	---	---	---	---	---	327.00	---	---	---	---
S-8	06/21/2000	<50.0	<0.500	<0.500	<0.500	<0.500	21.0	---	---	---	---	---	---	---	---	327.00	14.43	312.57	---	---
S-8	11/29/2000	<50.0	<0.500	<0.500	<0.500	<0.500	9.46	---	---	---	---	---	---	---	---	327.00	14.44	312.56	---	2.2
S-8	03/07/2001	<50.0	<0.500	<0.500	<0.500	<0.500	4.21	---	---	---	---	---	---	---	---	327.00	13.69	313.31	---	2.1
S-8	06/18/2001	<50	0.55	0.92	<0.50	0.51	---	13	---	---	---	---	---	---	---	327.00	14.60	312.40	---	---
S-8	09/17/2001	Unable to sample			---	---	---	---	---	---	---	---	---	---	---	327.00	15.07	311.93	---	---
S-8	09/18/2001	Unable to sample			---	---	---	---	---	---	---	---	---	---	---	327.00	---	---	---	---
S-8	12/31/2001	<50	1.1	1.4	<0.50	<0.50	---	8.4	---	---	---	---	---	---	---	327.00	14.02	312.98	---	---
S-8	03/13/2002	Unable to sample			---	---	---	---	---	---	---	---	---	---	---	327.00	14.92	312.08	---	---
S-8	06/18/2002	<50	<0.50	<0.50	<0.50	<0.50	---	19	---	---	---	---	---	---	---	327.00	15.37	311.63	---	---
S-8	09/27/2002	<50	<0.50	<0.50	<0.50	<0.50	---	19	---	---	---	---	---	---	---	326.14	14.60	311.54	---	---
S-8	12/27/2002	Well inaccessible			---	---	---	---	---	---	---	---	---	---	---	326.14	---	---	---	---
S-8	01/07/2003	Well inaccessible			---	---	---	---	---	---	---	---	---	---	---	326.14	---	---	---	---
S-8	03/24/2003	<50	<0.50	<0.50	<0.50	<1.0	---	25	---	---	---	---	---	---	---	326.14	14.58	311.56	---	---
S-8	05/09/2003	<50	<0.50	<0.50	<0.50	<1.0	---	24	<5.0	---	---	---	---	---	---	326.14	13.45	312.69	---	---
S-8	07/08/2003	<50	<0.50	<0.50	<0.50	<1.0	---	46	<5.0	---	---	---	---	---	---	326.14	15.19	310.95	---	---
S-8	10/15/2003	<50	<0.50	<0.50	<0.50	<1.0	---	42	<5.0	---	---	---	---	---	---	326.14	16.58	309.56	---	---
S-8	01/06/2004	<50	<0.50	<0.50	<0.50	<1.0	---	50	<5.0	---	---	---	---	---	---	326.14	16.27	309.87	---	---
S-8	04/07/2004	<50	<0.50	<0.50	<0.50	<1.0	---	33	<5.0	---	---	---	---	---	---	326.14	16.12	310.02	---	---
S-8	07/27/2004	<50	<0.50	<0.50	<0.50	<1.0	---	18	<5.0	<2.0	<2.0	<2.0	---	---	<50	326.14	16.26	309.88	---	---
S-8	10/29/2004	<50	<0.50	<0.50	<0.50	<1.0	---	25	<5.0	<2.0	<2.0	<2.0	---	---	<50	326.14	15.93	310.21	---	---
S-8	01/06/2005	<50	<0.50	<0.50	<0.50	<1.0	---	21	<5.0	<2.0	<2.0	<2.0	---	---	---	326.14	15.79	310.35	---	---
S-8	04/14/2005	<50	<0.50	<0.50	<0.50	<0.50	---	11	<5.0	<0.50	<0.50	<0.50	---	---	<5.0	326.14	14.78	311.36	---	---
S-8	07/29/2005	<50	<0.50	<0.50	<0.50	<1.0	---	13	<5.0	<2.0	<2.0	<2.0	---	---	<50	326.14	16.51	309.63	---	---
S-8	10/20/2005	<50	<0.50	<0.50	<0.50	<1.0	---	11	<5.0	<2.0	<2.0	<2.0	---	---	<50	326.14	17.38	308.76	---	---

GROUNDWATER DATA
SHELL-BRANDED SERVICE STATION
3790 HOPYARD ROAD, PLEASANTON, CALIFORNIA

Well ID	Date	TPHg (µg/L)	B (µg/L)	T (µg/L)	E (µg/L)	X (µg/L)	MTBE 8020 (µg/L)	MTBE 8260 (µg/L)	TBA (µg/L)	DIPE (µg/L)	ETBE (µg/L)	TAME (µg/L)	1,2-DCA (µg/L)	EDB (µg/L)	Ethanol (µg/L)	TOC (ft MSL)	Depth to Water (ft TOC)	GW Elevation (ft MSL)	SPH Thickness (ft)	DO Reading (mg/L)
S-8	01/26/2006	<50.0	<0.500	<0.500	<0.500	<0.500	---	9.65	<10.0	<0.500	<0.500	<0.500	---	---	<50.0	326.14	16.55	309.59	---	---
S-8	04/24/2006	<50.0	<0.500	<0.500	<0.500	<0.500	---	5.94	<10.0	<0.500	<0.500	<0.500	---	---	<50.0	326.14	14.18	311.96	---	---
S-8	07/12/2006	<50.0	<0.500	<0.500	<0.500	<1.50	---	7.00	<10.0	<0.500	<0.500	<0.500	---	---	<50.0	326.14	14.52	311.62	---	---
S-8	10/20/2006	<50.0	<0.500	<0.500	<0.500	<0.500	---	8.54	<10.0	<0.500	<0.500	<0.500	---	---	<50.0	326.14	14.30	311.84	---	---
S-8	01/22/2007	<50	<0.50	<0.50	<0.50	<1.0	---	11	<10	<1.0	<1.0	<1.0	---	---	<150	326.14	15.07	311.07	---	---
S-8	04/13/2007	<50 i	<0.50	<1.0	<1.0	<1.0	---	9.0	<10	<2.0	<2.0	<2.0	---	---	<100	326.14	14.31	311.83	---	---
S-8	07/09/2007	<50 i	<0.50	<1.0	<1.0	<1.0	---	12	<10	<2.0	<2.0	<2.0	---	---	<100	326.14	14.38	311.76	---	---
S-8	10/22/2007	<50 i	<0.50	<1.0	<1.0	<1.0	---	22	<10	<2.0	<2.0	<2.0	---	---	<100	326.14	14.50	311.64	---	---
S-8	01/09/2008	<50 i	<0.50	<1.0	<1.0	<1.0	---	14	<10	<2.0	<2.0	<2.0	---	---	180	326.14	13.88	312.26	---	---
S-8	04/11/2008	51	<0.50	<1.0	<1.0	<1.0	---	25	<10	<2.0	<2.0	<2.0	---	---	<100	326.14	14.46	311.68	---	---
S-8	07/29/2008	<50	<0.50	<1.0	<1.0	<1.0	---	14	<10	<2.0	<2.0	<2.0	---	---	<100	326.14	15.45	310.69	---	---
S-8	10/29/2008	<50	<0.50	<1.0	<1.0	<1.0	---	12	<10	<2.0	<2.0	<2.0	---	---	<100	326.14	15.69	310.45	---	---
S-8	01/21/2009	<50	<0.50	<1.0	<1.0	<1.0	---	8.7	<10	<2.0	<2.0	<2.0	---	---	<100	326.14	14.91	311.23	---	---
S-8	04/16/2009	<50	<0.50	<1.0	<1.0	<1.0	---	8.1	<10	<2.0	<2.0	<2.0	---	---	<100	326.14	14.95	311.19	---	---
S-8	07/09/2009	<50	<0.50	<1.0	<1.0	<1.0	---	9.7	<10	<2.0	<2.0	<2.0	---	---	<100	326.14	15.36	310.78	---	---
S-8	01/11/2010	<50	<0.50	<1.0	<1.0	<1.0	---	6.7	<10	<2.0	<2.0	<2.0	---	---	<100	326.14	14.98	311.16	---	---
S-8	07/06/2010	---	---	---	---	---	---	---	---	---	---	---	---	---	---	326.14	14.75	311.39	---	---
S-8	01/21/2011	<50	<0.50	<0.50	<0.50	1.2	---	5.3	<10	<1.0	<1.0	<1.0	---	---	<150	326.14	14.53	311.61	---	---
S-8	07/20/2011	---	---	---	---	---	---	---	---	---	---	---	---	---	<150	326.14	14.85	311.29	---	---
S-8	01/06/2012	<50	<0.50	<0.50	<0.50	<1.0	---	5.8	<10	<1.0	<1.0	<1.0	---	---	<150	326.14	16.02	310.12	---	---
S-8	01/04/2013	<50	<0.50	<0.50	<0.50	<1.0	---	3.5	<10	<0.50	<0.50	<0.50	---	---	<150	326.14	13.92	312.22	---	---
S-8	**11/08/2013**	**---**	**---**	**---**	**---**	**---**	**---**	**2.2**	**---**	**---**	**---**	**---**	**---**	**---**	**---**	**326.14**	**15.95**	**310.19**	**---**	**---**
S-9	03/07/1989	<50	<0.5	<1	<1	<3	---	---	---	---	---	---	---	---	---	---	---	---	---	---
S-9	06/26/1989	<50	<0.5	<1	<1	<3	---	---	---	---	---	---	---	---	---	---	---	---	---	---
S-9	09/08/1989	<50	1.7	2	<1	<3	---	---	---	---	---	---	---	---	---	---	---	---	---	---
S-9	12/15/1989	<50	0.5	<0.5	<0.5	<1	---	---	---	---	---	---	---	---	---	---	---	---	---	---
S-9	03/06/1990	<50	<0.5	<0.5	<0.5	<1	---	---	---	---	---	---	---	---	---	---	---	---	---	---
S-9	06/14/1990	<50	<0.5	<0.5	<0.5	<1	---	---	---	---	---	---	---	---	---	---	---	---	---	---
S-9	10/02/1990	<50	<0.5	<0.5	<0.5	<0.5	---	---	---	---	---	---	---	---	---	---	---	---	---	---
S-9	12/18/1990	<50	20	27	7.1	35	---	---	---	---	---	---	---	---	---	---	---	---	---	---
S-9	03/07/1989	<50	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
S-9	06/26/1989	<50	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
S-9	09/08/1989	<50	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
S-9	12/15/1989	<50	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---

TABLE 1

GROUNDWATER DATA
SHELL-BRANDED SERVICE STATION
3790 HOPYARD ROAD, PLEASANTON, CALIFORNIA

Well ID	Date	TPHg (µg/L)	B (µg/L)	T (µg/L)	E (µg/L)	X (µg/L)	MTBE 8020 (µg/L)	MTBE 8260 (µg/L)	TBA (µg/L)	DIPE (µg/L)	ETBE (µg/L)	TAME (µg/L)	1,2-DCA (µg/L)	EDB (µg/L)	Ethanol (µg/L)	TOC (ft MSL)	Depth to Water (ft TOC)	GW Elevation (ft MSL)	SPH Thickness (ft)	DO Reading (mg/L)
S-9	03/06/1990	<50	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
S-9	06/14/1990	<50	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
S-9	12/02/1990	<50	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
S-9	12/18/1990	<50	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
S-9	03/20/1991	70a	0.7	0.7	<0.5	1	---	---	---	---	---	---	---	---	---	328.24	---	---	---	---
S-9	06/26/1991	<50	<0.5	<0.5	<0.5	<0.5	---	---	---	---	---	---	---	---	---	328.24	---	---	---	---
S-9	09/05/1991	<50	<0.5	0.8	<0.5	<0.5	---	---	---	---	---	---	---	---	---	328.24	---	---	---	---
S-9	12/13/1991	<50	<0.5	<0.5	<0.5	<0.5	---	---	---	---	---	---	---	---	---	328.24	18.18	310.06	---	---
S-9	03/11/1992	<30	<0.3	<0.3	<0.3	<0.3	---	---	---	---	---	---	---	---	---	328.24	17.37	310.87	---	---
S-9	06/24/1992	<50	<0.5	<0.5	<0.5	<0.5	---	---	---	---	---	---	---	---	---	328.24	18.45	309.79	---	---
S-9	09/17/1992	<50	<0.5	<0.5	<0.5	<0.5	---	---	---	---	---	---	---	---	---	328.24	17.88	310.36	---	---
S-9	12/11/1992	<50	<0.5	<0.5	<0.5	<0.5	---	---	---	---	---	---	---	---	---	328.24	17.34	310.90	---	---
S-9	02/04/1993	<50	<0.5	<0.5	<0.5	<0.5	---	---	---	---	---	---	---	---	---	328.24	---	---	---	---
S-9	06/03/1993	<50	<0.5	<0.5	<0.5	<0.5	---	---	---	---	---	---	---	---	---	328.24	---	---	---	---
S-9	09/15/1993	---	---	---	---	---	---	---	---	---	---	---	---	---	---	328.24	17.42	310.82	---	---
S-9	12/09/1993	<50	<0.5	<0.5	<0.5	<0.5	---	---	---	---	---	---	---	---	---	328.24	16.89	311.35	---	---
S-9	03/04/1994	<50	<0.5	<0.5	<0.5	<0.5	---	---	---	---	---	---	---	---	---	328.24	17.22	311.02	---	---
S-9	06/16/1994	<50	<0.5	<0.5	<0.5	<0.5	---	---	---	---	---	---	---	---	---	328.24	17.46	310.78	---	---
S-9	09/13/1994	<50	<0.5	<0.5	<0.5	<0.5	---	---	---	---	---	---	---	---	---	328.24	17.59	310.65	---	---
S-9	06/21/1995	<50	<0.5	<0.5	<0.5	<0.5	---	---	---	---	---	---	---	---	---	328.24	17.03	311.21	---	---
S-9	06/12/1996	<50	<0.5	<0.5	<0.5	<0.5	<2.5	---	---	---	---	---	---	---	---	328.24	16.76	311.48	---	---
S-9	06/25/1997	<50	<0.50	<0.50	<0.50	<0.50	2.8	---	---	---	---	---	---	---	---	328.24	16.89	311.35	---	1
S-9	06/19/1998	<50	<0.50	<0.50	<0.50	<0.50	7.1	---	---	---	---	---	---	---	---	328.24	15.59	312.65	---	3.8
S-9	06/17/1999	<50.0	<0.500	<0.500	<0.500	<0.500	15.3	---	---	---	---	---	---	---	---	328.24	16.47	311.77	---	1.9
S-9	06/15/2000	<50.0	<0.500	<0.500	<0.500	<0.500	57.2	---	---	---	---	---	---	---	---	328.24	16.11	312.13	---	1.1
S-9	11/29/2000	<50.0	<0.500	<0.500	<0.500	<0.500	76.5	---	---	---	---	---	---	---	---	328.24	17.30	310.94	---	1.1
S-9	03/07/2001	<50.0	<0.500	<0.500	<0.500	<0.500	84.9	---	---	---	---	---	---	---	---	328.24	19.42	308.82	---	1.1
S-9	06/18/2001	<50	<0.50	<0.50	<0.50	<0.50	---	86	---	---	---	---	---	---	---	328.24	17.22	311.02	---	---
S-9	09/17/2001	<50	<0.50	<0.50	<0.50	<0.50	---	130	---	---	---	---	---	---	---	328.24	17.66	310.58	---	---
S-9	12/31/2001	<50	<0.50	<0.50	<0.50	<0.50	---	120	---	---	---	---	---	---	---	328.24	17.65	310.59	---	---
S-9	03/13/2002	<50	<0.50	<0.50	<0.50	<0.50	---	130	---	---	---	---	---	---	---	328.24	17.75	310.49	---	---
S-9	06/18/2002	<50	<0.50	<0.50	<0.50	<0.50	---	160	---	---	---	---	---	---	---	328.24	19.59	308.65	---	---
S-9	09/27/2002	<50	<0.50	<0.50	<0.50	<0.50	---	180	---	---	---	---	---	---	---	327.85	17.65	310.20	---	---
S-9	12/27/2002	<50	<0.50	<0.50	<0.50	<0.50	---	180	<50	<2.0	<2.0	<2.0	2.8	<2.0	---	327.85	18.45	309.40	---	---
S-9	03/24/2003	<250	<2.5	<2.5	<2.5	<5.0	---	230	---	---	---	---	---	---	---	327.85	17.97	309.88	---	---

GROUNDWATER DATA
SHELL-BRANDED SERVICE STATION
3790 HOPYARD ROAD, PLEASANTON, CALIFORNIA

Well ID	Date	TPHg (µg/L)	B (µg/L)	T (µg/L)	E (µg/L)	X (µg/L)	MTBE 8020 (µg/L)	MTBE 8260 (µg/L)	TBA (µg/L)	DIPE (µg/L)	ETBE (µg/L)	TAME (µg/L)	1,2-DCA (µg/L)	EDB (µg/L)	Ethanol (µg/L)	TOC (ft MSL)	Depth to Water (ft TOC)	GW Elevation (ft MSL)	SPH Thickness (ft)	DO Reading (mg/L)
S-9	05/09/2003	<250	<2.5	<2.5	<2.5	<5.0	---	240	<25	---	---	---	---	---	---	327.85	17.68	310.17	---	---
S-9	07/08/2003	<250	<2.5	<2.5	<2.5	<5.0	---	250	<25	---	---	---	---	---	---	327.85	17.65	310.20	---	---
S-9	10/15/2003	<100	<1.0	<1.0	<1.0	<2.0	---	210	<10	---	---	---	---	---	---	327.85	19.49	308.36	---	---
S-9	01/06/2004	<100	<1.0	<1.0	<1.0	<2.0	---	290	<10	---	---	---	---	---	---	327.85	20.51	307.34	---	---
S-9	04/07/2004	<100	<1.0	<1.0	<1.0	<2.0	---	250	<10	---	---	---	---	---	---	327.85	20.02	307.83	---	---
S-9	07/27/2004	<250	<2.5	9.1	2.7	9.8	---	270	<25	<10	<10	<10	---	---	<250	327.85	19.89	307.96	---	---
S-9	10/29/2004	<100	<1.0	<1.0	<1.0	<2.0	---	240	<10	<4.0	<4.0	<4.0	---	---	<100	327.85	19.17	308.68	---	---
S-9	01/06/2005	<250	<2.5	<2.5	<2.5	<5.0	---	340	<25	<10	<10	<10	---	---	---	327.85	19.65	308.20	---	---
S-9	04/14/2005	<50	<0.50	<0.50	<0.50	<0.50	---	250	<5.0	<0.50	<0.50	1.4	---	---	<5.0	327.85	17.38	310.47	---	---
S-9	07/29/2005	<100	<1.0	<1.0	<1.0	<2.0	---	250	<10	<4.0	<4.0	<4.0	---	---	<100	327.85	20.09	307.76	---	---
S-9	10/20/2005	<100	<1.0	<1.0	<1.0	<2.0	---	200	<10	<4.0	<4.0	<4.0	---	---	<100	327.85	21.89	305.96	---	---
S-9	11/11/2005	<100	<1.0	<1.0	<1.0	<2.0	---	220	25	---	---	---	---	---	---	327.85	20.41	307.44	---	---
S-9	01/26/2006	55.7	<0.500	<0.500	<0.500	<0.500	---	174	<10.0	<0.500	<0.500	2.50	---	---	<50.0	327.85	20.56	307.29	---	---
S-9	04/24/2006	<50.0	<0.500	<0.500	<0.500	<0.500	---	202	<10.0	<0.500	<0.500	2.29	---	---	<50.0	327.85	18.39	309.46	---	---
S-9	07/12/2006	<50.0	<0.500	<0.500	<0.500	<1.50	---	158	<10.0	<0.500	<0.500	2.06	---	---	<50.0	327.85	18.60	309.25	---	---
S-9	10/20/2006	212	<0.500	<0.500	<0.500	<0.500	---	151	<10.0	<0.500	<0.500	1.25	---	---	<50.0	327.85	18.75	309.10	---	---
S-9	01/22/2007	82 h	<0.50	<0.50	<0.50	<1.0	---	150	20 g	<1.0	<1.0	1.4	---	---	<150	327.85	17.92	309.93	---	---
S-9	04/13/2007	70 i,j	<0.50	<1.0	<1.0	<1.0	---	140	26	<2.0	<2.0	1.0 k	---	---	<100	327.85	18.14	309.71	---	---
S-9	07/09/2007	70 i,j	<0.50	<1.0	<1.0	<1.0	---	120	<10	<2.0	<2.0	1.2 k	---	---	<100	327.85	18.37	309.48	---	---
S-9	10/22/2007	59 i,j	<0.50	<1.0	<1.0	<1.0	---	110	8.2 k	<2.0	<2.0	<2.0	---	---	<100	327.85	18.08	309.77	---	---
S-9	01/09/2008	<50 i	<0.50	<1.0	<1.0	<1.0	---	73	<10	<2.0	<2.0	<2.0	---	---	130	327.85	17.20	310.65	---	---
S-9	04/11/2008	73	<0.50	<1.0	<1.0	<1.0	---	55	<10	<2.0	<2.0	<2.0	---	---	<100	327.85	17.74	310.11	---	---
S-9	07/29/2008	85	<0.50	<1.0	<1.0	<1.0	---	45	<10	<2.0	<2.0	<2.0	---	---	230	327.85	18.33	309.52	---	---
S-9	10/29/2008	58	<0.50	<1.0	<1.0	<1.0	---	40	<10	<2.0	<2.0	<2.0	---	---	<100	327.85	18.89	308.96	---	---
S-9	01/21/2009	51	<0.50	<1.0	<1.0	<1.0	---	35	<10	<2.0	<2.0	<2.0	---	---	<100	327.85	18.21	309.64	---	---
S-9	04/16/2009	<50	<0.50	<1.0	<1.0	<1.0	---	27	<10	<2.0	<2.0	<2.0	---	---	<100	327.85	17.48	310.37	---	---
S-9	07/09/2009	<50	<0.50	<1.0	<1.0	<1.0	---	28	<10	<2.0	<2.0	<2.0	---	---	<100	327.85	18.60	309.25	---	---
S-9	01/11/2010	<50	<0.50	<1.0	<1.0	<1.0	---	22	<10	<2.0	<2.0	<2.0	---	---	<100	327.85	19.18	308.67	---	---
S-9	07/06/2010	<50	<0.50	<1.0	<1.0	<1.0	---	16	<10	---	---	---	---	---	<100	327.85	17.81	310.04	---	---
S-9	01/21/2011	<50	<0.50	<0.50	<0.50	1.8	---	13	<10	<1.0	<1.0	<1.0	---	---	<150	327.85	17.79	310.06	---	---
S-9	07/20/2011	<50	<0.50	<0.50	<0.50	<1.0	---	13	<10	---	---	---	---	---	<150	327.85	18.02	309.83	---	---
S-9	01/06/2012	<50	<0.50	<0.50	<0.50	<1.0	---	12	<10	<1.0	<1.0	<1.0	---	---	<150	327.85	19.31	308.54	---	---
S-9	01/04/2013	<50	<0.50	<0.50	<0.50	<1.0	---	7.4	<10	<0.50	<0.50	<0.50	---	---	<150	327.85	18.16	309.69	---	---
S-9	**11/08/2013**	**---**	**---**	**---**	**---**	**---**	**---**	**6.5**	**---**	**---**	**---**	**---**	**---**	**---**	**---**	**327.85**	**19.22**	**308.63**	**---**	**---**

GROUNDWATER DATA
SHELL-BRANDED SERVICE STATION
3790 HOPYARD ROAD, PLEASANTON, CALIFORNIA

Well ID	Date	TPHg (µg/L)	B (µg/L)	T (µg/L)	E (µg/L)	X (µg/L)	MTBE 8020 (µg/L)	MTBE 8260 (µg/L)	TBA (µg/L)	DIPE (µg/L)	ETBE (µg/L)	TAME (µg/L)	1,2-DCA (µg/L)	EDB (µg/L)	Ethanol (µg/L)	TOC (ft MSL)	Depth to Water (ft TOC)	GW Elevation (ft MSL)	SPH Thickness (ft)	DO Reading (mg/L)
S-9B	11/08/2005	---	---	---	---	---	---	---	---	---	---	---	---	---	---	330.47	43.12	287.35	---	---
S-9B	11/11/2005	<50	<0.50	2.0	<0.50	<1.0	---	23	<5.0	---	---	---	---	---	---	330.47	45.25	285.22	---	---
S-9B	01/26/2006	<50.0	<0.500	1.68	<0.500	<0.500	---	20.6	<10.0	<0.500	<0.500	<0.500	---	---	<50.0	330.47	38.19	292.28	---	---
S-9B	04/24/2006	<50.0	<0.500	<0.500	<0.500	<0.500	---	10.5	<10.0	<0.500	<0.500	<0.500	---	---	<50.0	330.47	30.31	300.16	---	---
S-9B	07/12/2006	<50.0	<0.500	<0.500	<0.500	<1.50	---	4.98	<10.0	<0.500	<0.500	<0.500	---	---	<50.0	330.47	29.01	301.46	---	---
S-9B	10/20/2006	<50.0	<0.500	<0.500	<0.500	<0.500	---	5.89	<10.0	<0.500	<0.500	<0.500	---	---	<50.0	330.47	31.25	299.22	---	---
S-9B	01/22/2007	<50	<0.50	<0.50	<0.50	<1.0	---	4.9	<10	<1.0	<1.0	<1.0	---	---	<150	330.47	26.78	303.69	---	---
S-9B	04/13/2007	<50 i	<0.50	<1.0	<1.0	<1.0	---	3.5	<10	<2.0	<2.0	<2.0	---	---	<100	330.47	23.51	306.96	---	---
S-9B	07/09/2007	<50 i	<0.50	<1.0	<1.0	<1.0	---	3.0	<10	<2.0	<2.0	<2.0	---	---	<100	330.47	30.15	300.32	---	---
S-9B	10/22/2007	<50 i	<0.50	<1.0	<1.0	<1.0	---	5.8	<10	<2.0	<2.0	<2.0	---	---	<100	330.47	28.44	302.03	---	---
S-9B	01/09/2008	<50 i	<0.50	<1.0	<1.0	<1.0	---	2.9	<10	<2.0	<2.0	<2.0	---	---	190	330.47	24.22	306.25	---	---
S-9B	04/11/2008	<50	<0.50	<1.0	<1.0	<1.0	---	3.1	<10	<2.0	<2.0	<2.0	---	---	<100	330.47	24.20	306.27	---	---
S-9B	07/29/2008	<50	<0.50	<1.0	<1.0	<1.0	---	4.1	<10	<2.0	<2.0	<2.0	---	---	<100	330.47	31.69	298.78	---	---
S-9B	10/29/2008	<50	<0.50	<1.0	<1.0	<1.0	---	4.1	<10	<2.0	<2.0	<2.0	---	---	<100	330.47	35.86	294.61	---	---
S-9B	01/21/2009	<50	<0.50	<1.0	<1.0	<1.0	---	3.7	<10	<2.0	<2.0	<2.0	---	---	<100	330.47	31.31	299.16	---	---
S-9B	04/16/2009	<50	<0.50	<1.0	<1.0	<1.0	---	3.1	<10	<2.0	<2.0	<2.0	---	---	<100	330.47	28.10	302.37	---	---
S-9B	07/09/2009	<50	<0.50	<1.0	<1.0	<1.0	---	3.8	<10	<2.0	<2.0	<2.0	---	---	<100	330.47	33.76	296.71	---	---
S-9B	01/11/2010	<50	<0.50	<1.0	<1.0	<1.0	---	4.7	<10	<2.0	<2.0	<2.0	---	---	<100	330.47	36.93	293.54	---	---
S-9B	07/06/2010	---	---	---	---	---	---	---	---	---	---	---	---	---	---	330.47	34.49	295.98	---	---
S-9B	01/21/2011	<50	<0.50	0.73	0.58	3.2	---	2.9	<10	<1.0	<1.0	<1.0	---	---	<150	330.47	35.85	294.62	---	---
S-9B	07/20/2011	---	---	---	---	---	---	---	---	---	---	---	---	---	---	330.47	33.95	296.52	---	---
S-9B	01/06/2012	<50	<0.50	<0.50	<0.50	<1.0	---	4.1	<10	<1.0	<1.0	<1.0	---	---	<150	330.47	35.40	295.07	---	---
S-9B	01/04/2013	<50	<0.50	<0.50	<0.50	<1.0	---	3.8	<10	<0.50	<0.50	<0.50	---	---	<150	330.47	45.16	285.31	---	---
S-9B	**11/08/2013**	**---**	**---**	**---**	**---**	**---**	**---**	**<0.50**	**---**	**---**	**---**	**---**	**---**	**---**	**---**	**330.47**	**47.09**	**283.38**	**---**	**---**
S-9C	11/08/2005	---	---	---	---	---	---	---	---	---	---	---	---	---	---	330.77	40.80	289.97	---	---
S-9C	11/11/2005	<50	<0.50	<0.50	<0.50	<1.0	---	10	<5.0	---	---	---	---	---	---	330.77	42.87	287.90	---	---
S-9C	01/26/2006	<50.0	<0.500	<0.500	<0.500	<0.500	---	7.05	<10.0	<0.500	<0.500	<0.500	---	---	<50.0	330.77	37.40	293.37	---	---
S-9C	04/24/2006	<50.0	<0.500	<0.500	<0.500	<0.500	---	4.86	<10.0	<0.500	<0.500	<0.500	---	---	<50.0	330.77	28.04	302.73	---	---
S-9C	07/12/2006	<50.0	<0.500	<0.500	<0.500	<1.50	---	1.94	<10.0	<0.500	<0.500	<0.500	---	---	<50.0	330.77	28.96	301.81	---	---
S-9C	10/20/2006	<50.0	<0.500	<0.500	<0.500	<0.500	---	1.06	<10.0	<0.500	<0.500	<0.500	---	---	<50.0	330.77	30.47	300.30	---	---
S-9C	01/22/2007	<50	<0.50	<0.50	<0.50	<1.0	---	0.64 k	<10	<1.0	<1.0	<1.0	---	---	<150	330.77	26.52	304.25	---	---
S-9C	04/13/2007	<50 i	<0.50	<1.0	<1.0	<1.0	---	0.54 k	<10	<2.0	<2.0	<2.0	---	---	<100	330.77	23.70	307.07	---	---
S-9C	07/09/2007	<50 i	<0.50	<1.0	<1.0	<1.0	---	0.34 k	<10	<2.0	<2.0	<2.0	---	---	<100	330.77	30.28	300.49	---	---
S-9C	10/22/2007	<50 i	<0.50	<1.0	<1.0	<1.0	---	0.33 k	<10	<2.0	<2.0	<2.0	---	---	<100	330.77	17.03	313.74	---	---

GROUNDWATER DATA
SHELL-BRANDED SERVICE STATION
3790 HOPYARD ROAD, PLEASANTON, CALIFORNIA

Well ID	Date	TPHg (µg/L)	B (µg/L)	T (µg/L)	E (µg/L)	X (µg/L)	MTBE 8020 (µg/L)	MTBE 8260 (µg/L)	TBA (µg/L)	DIPE (µg/L)	ETBE (µg/L)	TAME (µg/L)	1,2-DCA (µg/L)	EDB (µg/L)	Ethanol (µg/L)	TOC (ft MSL)	Depth to Water (ft TOC)	GW Elevation (ft MSL)	SPH Thickness (ft)	DO Reading (mg/L)
S-9C	01/09/2008	<50 i	<0.50	<1.0	<1.0	<1.0	---	<1.0	<10	<2.0	<2.0	<2.0	---	---	150	330.77	24.20	306.57	---	---
S-9C	04/11/2008	<50	<0.50	<1.0	<1.0	<1.0	---	<1.0	<10	<2.0	<2.0	<2.0	---	---	<100	330.77	24.25	306.52	---	---
S-9C	07/29/2008	<50	<0.50	<1.0	<1.0	<1.0	---	<1.0	<10	<2.0	<2.0	<2.0	---	---	<100	330.77	31.55	299.22	---	---
S-9C	10/29/2008	<50	<0.50	<1.0	<1.0	<1.0	---	<1.0	<10	<2.0	<2.0	<2.0	---	---	<100	330.77	35.54	295.23	---	---
S-9C	01/21/2009	<50	<0.50	<1.0	<1.0	<1.0	---	<1.0	<10	<2.0	<2.0	<2.0	---	---	<100	330.77	31.11	299.66	---	---
S-9C	04/16/2009	<50	<0.50	<1.0	<1.0	<1.0	---	<1.0	<10	<2.0	<2.0	<2.0	---	---	<100	330.77	28.29	302.48	---	---
S-9C	07/09/2009	<50	<0.50	<1.0	<1.0	<1.0	---	<1.0	<10	<2.0	<2.0	<2.0	---	---	<100	330.77	33.62	297.15	---	---
S-9C	01/11/2010	<50	<0.50	<1.0	<1.0	<1.0	---	<1.0	<10	<2.0	<2.0	<2.0	---	---	<100	330.77	36.55	294.22	---	---
S-9C	07/06/2010	---	---	---	---	---	---	---	---	---	---	---	---	---	---	330.77	34.34	296.43	---	---
S-9C	01/21/2011	<50	<0.50	1.0	0.79	4.2	---	<1.0	<10	<1.0	<1.0	<1.0	---	---	<150	330.77	35.59	295.18	---	---
S-9C	07/20/2011	---	---	---	---	---	---	---	---	---	---	---	---	---	---	330.77	33.92	296.85	---	---
S-9C	01/06/2012	<50	<0.50	<0.50	<0.50	<1.0	---	<1.0	<10	<1.0	<1.0	<1.0	---	---	<150	330.77	35.10	295.67	---	---
S-9C	01/04/2013	<50	<0.50	<0.50	<0.50	<1.0	---	<0.50	<10	<0.50	<0.50	<0.50	---	---	<150	330.77	44.46	286.31	---	---
S-10	08/11/1989	<50	<0.5	<1	<1	<3	---	---	---	---	---	---	---	---	---	---	---	---	---	---
S-10	09/08/1989	<50	<0.5	<1	<1	<3	---	---	---	---	---	---	---	---	---	---	---	---	---	---
S-10	12/15/1989	<50	<0.5	<0.5	<0.5	<1	---	---	---	---	---	---	---	---	---	---	---	---	---	---
S-10	03/06/1990	<50	<0.5	<0.5	<0.5	<1	---	---	---	---	---	---	---	---	---	---	---	---	---	---
S-10	06/14/1990	<50	<0.5	<0.5	<0.5	<1	---	---	---	---	---	---	---	---	---	---	---	---	---	---
S-10	10/02/1990	<50	<0.5	<0.5	<0.5	1.0	---	---	---	---	---	---	---	---	---	---	---	---	---	---
S-10	12/18/1990	<50	<0.5	<0.5	<0.5	1.4	---	---	---	---	---	---	---	---	---	---	---	---	---	---
S-10	03/20/1991	<50	<0.5	<0.5	<0.5	<0.5	---	---	---	---	---	---	---	---	---	326.55	---	---	---	---
S-10	06/26/1991	50	1.8	5.8	1.9	13	---	---	---	---	---	---	---	---	---	326.55	---	---	---	---
S-10	09/05/1991	<50	<0.5	<0.5	<0.5	<0.5	---	---	---	---	---	---	---	---	---	326.55	---	---	---	---
S-10	12/13/1991	<50	<0.5	<0.5	<0.5	<0.5	---	---	---	---	---	---	---	---	---	326.55	14.77	311.78	---	---
S-10	03/11/1992	<30	<0.3	<0.3	<0.3	<0.3	---	---	---	---	---	---	---	---	---	326.55	14.16	312.39	---	---
S-10	06/24/1992	<50	<0.5	<0.5	<0.5	<0.5	---	---	---	---	---	---	---	---	---	326.55	14.83	311.72	---	---
S-10	09/17/1992	<50	<0.5	<0.5	<0.5	<0.5	---	---	---	---	---	---	---	---	---	326.55	13.85	312.70	---	---
S-10	12/11/1992	<50	<0.5	<0.5	<0.5	<0.5	---	---	---	---	---	---	---	---	---	326.55	13.90	312.65	---	---
S-10	02/04/1993	<50	<0.5	<0.5	<0.5	<0.5	---	---	---	---	---	---	---	---	---	326.55	---	---	---	---
S-10	06/03/1993	<50	<0.5	<0.5	<0.5	<0.5	---	---	---	---	---	---	---	---	---	326.55	---	---	---	---
S-10	09/15/1993	---	---	---	---	---	---	---	---	---	---	---	---	---	---	326.55	13.66	312.89	---	---
S-10	09/13/1994	---	---	---	---	---	---	---	---	---	---	---	---	---	---	326.55	13.84	312.71	---	---
S-10	06/21/1995	---	---	---	---	---	---	---	---	---	---	---	---	---	---	326.55	13.08	313.47	---	---
S-10	06/12/1996	<50	<0.5	<0.5	<0.5	<0.5	<2.5	---	---	---	---	---	---	---	---	326.55	13.34	313.21	---	---

GROUNDWATER DATA
SHELL-BRANDED SERVICE STATION
3790 HOPYARD ROAD, PLEASANTON, CALIFORNIA

Well ID	Date	TPHg (µg/L)	B (µg/L)	T (µg/L)	E (µg/L)	X (µg/L)	MTBE 8020 (µg/L)	MTBE 8260 (µg/L)	TBA (µg/L)	DIPE (µg/L)	ETBE (µg/L)	TAME (µg/L)	1,2-DCA (µg/L)	EDB (µg/L)	Ethanol (µg/L)	TOC (ft MSL)	Depth to Water (ft TOC)	GW Elevation (ft MSL)	SPH Thickness (ft)	DO Reading (mg/L)
S-10	06/25/1997	<50	<0.50	<0.50	<0.50	<0.50	2.8	---	---	---	---	---	---	---	---	326.55	13.28	313.27	---	2.4
S-10	06/19/1998	<50	<0.50	<0.50	<0.50	<0.50	<2.5	---	---	---	---	---	---	---	---	326.55	12.41	314.14	---	1.8
S-10	06/17/1999	<50.0	<0.500	<0.500	<0.500	<0.500	<5.00	---	---	---	---	---	---	---	---	326.55	12.81	313.74	---	2.0
S-10	06/15/2000	<50.0	<0.500	<0.500	<0.500	<0.500	<2.50	---	---	---	---	---	---	---	---	326.55	13.27	313.28	---	2.1
S-10	11/29/2000	<50.0	<0.500	<0.500	<0.500	<0.500	<2.50	---	---	---	---	---	---	---	---	326.55	13.98	312.57	---	2.4
S-10	03/07/2001	<50.0	<0.500	<0.500	<0.500	<0.500	<2.50	---	---	---	---	---	---	---	---	326.55	13.40	313.15	---	2.5
S-10	06/18/2001	<50	<0.50	<0.50	<0.50	<0.50	---	3.7	---	---	---	---	---	---	---	326.55	13.29	313.26	---	---
S-10	09/17/2001	<50	<0.50	<0.50	<0.50	<0.50	---	<5.0	---	---	---	---	---	---	---	326.55	13.61	312.94	---	---
S-10	12/31/2001	<50	<0.50	<0.50	<0.50	<0.50	---	<5.0	---	---	---	---	---	---	---	326.55	13.48	313.07	---	---
S-10	03/13/2002	<50	<0.50	<0.50	<0.50	<0.50	---	<5.0	---	---	---	---	---	---	---	326.55	14.66	311.89	---	---
S-10	06/18/2002	<50	<0.50	<0.50	<0.50	<0.50	---	<5.0	---	---	---	---	---	---	---	326.55	14.59	311.96	---	---
S-10	09/27/2002	<50	<0.50	<0.50	<0.50	<0.50	---	<5.0	---	---	---	---	---	---	---	325.87	13.21	312.66	---	---
S-10	12/27/2002	<50	<0.50	<0.50	<0.50	<0.50	---	<5.0	<50	<2.0	<2.0	<2.0	<2.0	<2.0	---	325.87	13.50	312.37	---	---
S-10	03/24/2003	<50	<0.50	<0.50	<0.50	<1.0	---	<5.0	---	---	---	---	---	---	---	325.87	16.60	309.27	---	---
S-10	05/09/2003	<50	<0.50	<0.50	<0.50	<1.0	---	1.7	<5.0	---	---	---	---	---	---	325.87	13.07	312.80	---	---
S-10	07/08/2003	<50	<0.50	<0.50	<0.50	<1.0	---	1.7	<5.0	---	---	---	---	---	---	325.87	14.10	311.77	---	---
S-10	10/15/2003	<50	<0.50	<0.50	<0.50	<1.0	---	0.69	<5.0	---	---	---	---	---	---	325.87	14.75	311.12	---	---
S-10	01/06/2004	<50	<0.50	<0.50	<0.50	<1.0	---	0.51	<5.0	---	---	---	---	---	---	325.87	15.28	310.59	---	---
S-10	04/07/2004	<50	<0.50	<0.50	<0.50	<1.0	---	<0.50	<5.0	---	---	---	---	---	---	325.87	15.39	310.48	---	---
S-10	07/27/2004	<50	<0.50	<0.50	<0.50	<1.0	---	<0.50	<5.0	<2.0	<2.0	<2.0	---	---	<50	325.87	15.25	310.62	---	---
S-10	10/29/2004	<50	<0.50	<0.50	<0.50	<1.0	---	<0.50	<5.0	<2.0	<2.0	<2.0	---	---	<50	325.87	15.23	310.64	---	---
S-10	01/06/2005	<50	<0.50	<0.50	<0.50	<1.0	---	<0.50	<5.0	<2.0	<2.0	<2.0	---	---	---	325.87	15.47	310.40	---	---
S-10	04/14/2005	<50	<0.50	<0.50	<0.50	<0.50	---	<0.50	<5.0	<0.50	<0.50	<0.50	---	---	<5.0	325.87	13.24	312.63	---	---
S-10	07/29/2005	<50	<0.50	<0.50	<0.50	<1.0	---	<0.50	<5.0	<2.0	<2.0	<2.0	---	---	<50	325.87	15.08	310.79	---	---
S-10	10/20/2005	<50	<0.50	<0.50	<0.50	<1.0	---	<0.50	<5.0	<2.0	<2.0	<2.0	---	---	<50	325.87	15.45	310.42	---	---
S-10	01/26/2006	<50.0	<0.500	<0.500	<0.500	<0.500	---	<0.500	<10.0	<0.500	<0.500	<0.500	---	---	<50.0	325.87	14.85	311.02	---	---
S-10	04/24/2006	<50.0	<0.500	<0.500	<0.500	<0.500	---	<0.500	<10.0	<0.500	<0.500	<0.500	---	---	<50.0	325.87	13.90	311.97	---	---
S-10	07/12/2006	<50.0	<0.500	<0.500	<0.500	<1.50	---	<0.500	<10.0	<0.500	<0.500	<0.500	---	---	<50.0	325.87	13.00	312.87	---	---
S-10	10/20/2006	<50.0	<0.500	<0.500	<0.500	<0.500	---	<0.500	<10.0	<0.500	<0.500	<0.500	---	---	<50.0	325.87	13.15	312.72	---	---
S-10	01/22/2007	<50	<0.50	<0.50	<0.50	<1.0	---	<1.0	<10	<1.0	<1.0	<1.0	---	---	<150	325.87	14.45	311.42	---	---
S-10	04/13/2007	<50 i	<0.50	<1.0	<1.0	<1.0	---	<1.0	<10	<2.0	<2.0	<2.0	---	---	<100	325.87	15.49	310.38	---	---
S-10	07/09/2007	<50 i	<0.50	<1.0	<1.0	<1.0	---	<1.0	<10	<2.0	<2.0	<2.0	---	---	<100	325.87	14.00	311.87	---	---
S-10	10/22/2007	<50 i	<0.50	<1.0	<1.0	<1.0	---	<1.0	<10	<2.0	<2.0	<2.0	---	---	<100	325.87	14.11	311.76	---	---
S-10	01/09/2008	<50 i	<0.50	<1.0	<1.0	<1.0	---	<1.0	<10	<2.0	<2.0	<2.0	---	---	<100	325.87	14.08	311.79	---	---
S-10	04/11/2008	<50	<0.50	<1.0	<1.0	<1.0	---	<1.0	<10	<2.0	<2.0	<2.0	---	---	<100	325.87	14.38	311.49	---	---

GROUNDWATER DATA
SHELL-BRANDED SERVICE STATION
3790 HOPYARD ROAD, PLEASANTON, CALIFORNIA

Well ID	Date	TPHg (µg/L)	B (µg/L)	T (µg/L)	E (µg/L)	X (µg/L)	MTBE 8020 (µg/L)	MTBE 8260 (µg/L)	TBA (µg/L)	DIPE (µg/L)	ETBE (µg/L)	TAME (µg/L)	1,2-DCA (µg/L)	EDB (µg/L)	Ethanol (µg/L)	TOC (ft MSL)	Depth to Water (ft TOC)	GW Elevation (ft MSL)	SPH Thickness (ft)	DO Reading (mg/L)
S-10	07/29/2008	<50	<0.50	<1.0	<1.0	<1.0	---	<1.0	14	<2.0	<2.0	<2.0	---	---	320	325.87	14.50	311.37	---	---
S-10	10/29/2008	<50	<0.50	<1.0	<1.0	<1.0	---	<1.0	<10	<2.0	<2.0	<2.0	---	---	<100	325.87	14.80	311.07	---	---
S-10	01/21/2009	<50	<0.50	<1.0	<1.0	<1.0	---	<1.0	<10	<2.0	<2.0	<2.0	---	---	<100	325.87	14.53	311.34	---	---
S-10	04/16/2009	<50	<0.50	<1.0	<1.0	<1.0	---	<1.0	<10	<2.0	<2.0	<2.0	---	---	<100	325.87	13.92	311.95	---	---
S-10	07/09/2009	<50	<0.50	<1.0	<1.0	<1.0	---	<1.0	<10	<2.0	<2.0	<2.0	---	---	<100	325.87	14.84	311.03	---	---
S-10	01/11/2010	<50	<0.50	<1.0	<1.0	<1.0	---	<1.0	<10	<2.0	<2.0	<2.0	---	---	<100	325.87	14.35	311.52	---	---
S-10	07/06/2010	---	---	---	---	---	---	---	---	---	---	---	---	---	---	325.87	14.40	311.47	---	---
S-10	01/21/2011	<50	<0.50	1.1	0.78	3.7	---	<1.0	<10	<1.0	<1.0	<1.0	---	---	<150	325.87	13.90	311.97	---	---
S-10	07/20/2011	---	---	---	---	---	---	---	---	---	---	---	---	---	---	325.87	14.69	311.18	---	---
S-10	01/06/2012	51	<0.50	<0.50	<0.50	<1.0	---	<1.0	<10	<1.0	<1.0	<1.0	---	---	<150	325.87	14.35	311.52	---	---
S-10	01/04/2013	<50	<0.50	<0.50	<0.50	<1.0	---	<0.50	<10	<0.50	<0.50	<0.50	---	---	<150	325.87	14.33	311.54	---	---
S-11	09/23/2002	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	16.93	---	---	---
S-11	09/27/2002	<50	<0.50	<0.50	<0.50	<0.50	---	<5.0	---	---	---	---	---	---	---	---	16.95	---	---	---
S-11	12/27/2002	<50	<0.50	<0.50	<0.50	<0.50	---	<5.0	<50	<2.0	<2.0	<2.0	<2.0	<2.0	---	327.48	16.40	311.08	---	---
S-11	03/24/2003	<50	<0.50	<0.50	<0.50	<1.0	---	<5.0	---	---	---	---	---	---	---	327.48	17.25	310.23	---	---
S-11	05/09/2003	<50	<0.50	<0.50	<0.50	<1.0	---	0.54	<5.0	---	---	---	---	---	---	327.48	16.37	311.11	---	---
S-11	07/08/2003	<50	<0.50	<0.50	<0.50	<1.0	---	<0.50	<5.0	---	---	---	---	---	---	327.48	17.17	310.31	---	---
S-11	10/15/2003	<50	<0.50	<0.50	<0.50	<1.0	---	<0.50	<5.0	---	---	---	---	---	---	327.48	18.01	309.47	---	---
S-11	01/06/2004	<50	<0.50	1.4	<0.50	<1.0	---	1.1	<5.0	---	---	---	---	---	---	327.48	18.25	309.23	---	---
S-11	04/07/2004	<50	<0.50	<0.50	<0.50	<1.0	---	1.4	<5.0	---	---	---	---	---	---	327.48	18.48	309.00	---	---
S-11	07/27/2004	<50	<0.50	<0.50	<0.50	<1.0	---	2.3	<5.0	<2.0	<2.0	<2.0	---	---	<50	327.48	18.49	308.99	---	---
S-11	10/29/2004	<50	<0.50	<0.50	<0.50	<1.0	---	9.7	<5.0	<2.0	<2.0	<2.0	---	---	<50	327.48	18.22	309.26	---	---
S-11	01/06/2005	<50	<0.50	<0.50	<0.50	<1.0	---	15	<5.0	<2.0	<2.0	<2.0	---	---	---	327.48	18.07	309.41	---	---
S-11	04/14/2005	<50	<0.50	<0.50	<0.50	<0.50	---	10	<5.0	<0.50	<0.50	<0.50	---	---	<5.0	327.48	16.28	311.20	---	---
S-11	07/29/2005	<50	<0.50	<0.50	<0.50	<1.0	---	19	<5.0	<2.0	<2.0	<2.0	---	---	<50	327.48	17.98	309.50	---	---
S-11	10/20/2005	<50	<0.50	<0.50	<0.50	<1.0	---	24	<5.0	<2.0	<2.0	<2.0	---	---	<50	327.48	18.45	309.03	---	---
S-11	01/26/2006	<50.0	<0.500	<0.500	<0.500	<0.500	---	27.7	<10.0	<0.500	<0.500	<0.500	---	---	<50.0	327.48	18.50	308.98	---	---
S-11	04/24/2006	<50.0	<0.500	<0.500	<0.500	<0.500	---	41.0	<10.0	<0.500	<0.500	<0.500	---	---	<50.0	327.48	16.61	310.87	---	---
S-11	07/12/2006	<50.0	<0.500	<0.500	<0.500	<1.50	---	33.3	<10.0	<0.500	<0.500	<0.500	---	---	<50.0	327.48	16.44	311.04	---	---
S-11	10/20/2006	53.5	<0.500	<0.500	<0.500	<0.500	---	38.2	<10.0	<0.500	<0.500	<0.500	---	---	<50.0	327.48	16.61	310.87	---	---
S-11	01/22/2007	<50	<0.50	<0.50	<0.50	<1.0	---	61	6.1 g,k	<1.0	<1.0	<1.0	---	---	<150	327.48	17.27	310.21	---	---
S-11	04/13/2007	<50 i	<0.50	<1.0	<1.0	<1.0	---	60	<10	<2.0	<2.0	<2.0	---	---	<100	327.48	6.88	320.60	---	---
S-11	07/09/2007	<50 i	<0.50	<1.0	<1.0	<1.0	---	59	<10	<2.0	<2.0	<2.0	---	---	<100	327.48	16.84	310.64	---	---
S-11	10/22/2007	<50 i	<0.50	<1.0	<1.0	<1.0	---	60	6.2 k	<2.0	<2.0	<2.0	---	---	<100	327.48	17.11	310.37	---	---

GROUNDWATER DATA
SHELL-BRANDED SERVICE STATION
3790 HOPYARD ROAD, PLEASANTON, CALIFORNIA

Well ID	Date	TPHg (µg/L)	B (µg/L)	T (µg/L)	E (µg/L)	X (µg/L)	MTBE 8020 (µg/L)	MTBE 8260 (µg/L)	TBA (µg/L)	DIPE (µg/L)	ETBE (µg/L)	TAME (µg/L)	1,2-DCA (µg/L)	EDB (µg/L)	Ethanol (µg/L)	TOC (ft MSL)	Depth to Water (ft TOC)	GW Elevation (ft MSL)	SPH Thickness (ft)	DO Reading (mg/L)
S-11	01/09/2008	<50 i	<0.50	<1.0	<1.0	<1.0	---	52	<10	<2.0	<2.0	<2.0	---	---	<100	327.48	16.85	310.63	---	---
S-11	04/11/2008	<50	<0.50	<1.0	<1.0	<1.0	---	36	<10	<2.0	<2.0	<2.0	---	---	<100	327.48	16.78	310.70	---	---
S-11	07/29/2008	58	<0.50	<1.0	<1.0	<1.0	---	31	<10	<2.0	<2.0	<2.0	---	---	<100	327.48	17.31	310.17	---	---
S-11	10/29/2008	<50	<0.50	<1.0	<1.0	<1.0	---	22	<10	<2.0	<2.0	<2.0	---	---	<100	327.48	17.85	309.63	---	---
S-11	01/21/2009	<50	<0.50	<1.0	<1.0	<1.0	---	20	<10	<2.0	<2.0	<2.0	---	---	<100	327.48	17.66	309.82	---	---
S-11	04/16/2009	<50	<0.50	<1.0	<1.0	<1.0	---	20	<10	<2.0	<2.0	<2.0	---	---	<100	327.48	16.93	310.55	---	---
S-11	07/09/2009	<50	<0.50	<1.0	<1.0	<1.0	---	17	<10	<2.0	<2.0	<2.0	---	---	<100	327.48	17.74	309.74	---	---
S-11	01/11/2010	<50	<0.50	<1.0	<1.0	<1.0	---	13	<10	<2.0	<2.0	<2.0	---	---	<100	327.48	17.61	309.87	---	---
S-11	07/06/2010	---	---	---	---	---	---	---	---	---	---	---	---	---	---	327.48	17.17	310.31	---	---
S-11	01/21/2011	<50	<0.50	<0.50	<0.50	<1.0	---	11	<10	<1.0	<1.0	<1.0	---	---	<150	327.48	17.21	310.27	---	---
S-11	07/20/2011	---	---	---	---	---	---	---	---	---	---	---	---	---	---	327.48	17.10	310.38	---	---
S-11	01/06/2012	<50	<0.50	<0.50	<0.50	<1.0	---	11	<10	<1.0	<1.0	<1.0	---	---	<150	327.48	18.18	309.30	---	---
S-11	01/04/2013	<50	<0.50	<0.50	<0.50	<1.0	---	9.1	<10	<0.50	<0.50	<0.50	---	---	<150	327.48	17.01	310.47	---	---
S-11	**11/08/2013**	**---**	**---**	**---**	**---**	**---**	**---**	**6.9**	**---**	**---**	**---**	**---**	**---**	**---**	**---**	**327.48**	**17.91**	**309.57**	**---**	**---**
S-12	09/23/2002	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	14.74	---	---	---
S-12	09/27/2002	<50	<0.50	<0.50	<0.50	<0.50	---	<5.0	---	---	---	---	---	---	---	---	17.95	---	---	---
S-12	12/27/2002	<50	<0.50	<0.50	<0.50	<0.50	---	<5.0	<50	<2.0	<2.0	<2.0	<2.0	<2.0	---	322.76	16.92	305.84	---	---
S-12	03/24/2003	<50	<0.50	<0.50	<0.50	<1.0	---	<5.0	---	---	---	---	---	---	---	322.76	16.53	306.23	---	---
S-12	05/09/2003	<50	<0.50	<0.50	<0.50	<1.0	---	1.5	<5.0	---	---	---	---	---	---	322.76	17.73	305.03	---	---
S-12	07/08/2003	<50	<0.50	<0.50	<0.50	<1.0	---	1.2	<5.0	---	---	---	---	---	---	322.76	17.18	305.58	---	---
S-12	10/15/2003	<50	<0.50	<0.50	<0.50	<1.0	---	1.1	<5.0	---	---	---	---	---	---	322.76	17.54	305.22	---	---
S-12	01/06/2004	<50	<0.50	1.1	<0.50	<1.0	---	1.1	<5.0	---	---	---	---	---	---	322.76	17.45	305.31	---	---
S-12	04/07/2004	<50	<0.50	<0.50	<0.50	<1.0	---	0.76	<5.0	---	---	---	---	---	---	322.76	16.85	305.91	---	---
S-12	07/27/2004	<50	<0.50	<0.50	<0.50	<1.0	---	0.65	<5.0	<2.0	<2.0	<2.0	---	---	<50	322.76	17.89	304.87	---	---
S-12	10/29/2004	<50 e	<0.50	<0.50	<0.50	<1.0	---	1.3	<5.0	<2.0	<2.0	<2.0	---	---	<50	322.76	17.84	304.92	---	---
S-12	04/14/2005	<50	<0.50	<0.50	<0.50	<0.50	---	0.79	<5.0	<0.50	<0.50	<0.50	---	---	<5.0	322.76	15.98	306.78	---	---
S-12	07/29/2005	<50	<0.50	<0.50	<0.50	<1.0	---	0.69	<5.0	<2.0	<2.0	<2.0	---	---	<50	322.76	17.32	305.44	---	---
S-12	10/20/2005	<50	<0.50	<0.50	<0.50	<1.0	---	0.66	<5.0	<2.0	<2.0	<2.0	---	---	<50	322.76	16.58	306.18	---	---
S-12	01/26/2006	<50.0	<0.500	<0.500	<0.500	<0.500	---	<0.500	<10.0	<0.500	<0.500	<0.500	---	---	<50.0	322.76	15.94	306.82	---	---
S-12	04/24/2006	<50.0	<0.500	<0.500	<0.500	<0.500	---	0.740	<10.0	<0.500	<0.500	<0.500	---	---	<50.0	322.76	17.31	305.45	---	---
S-12	07/12/2006	<50.0	<0.500	<0.500	<0.500	<1.50	---	<0.500	<10.0	<0.500	<0.500	<0.500	---	---	<50.0	322.76	16.70	306.06	---	---
S-12	10/20/2006	<50.0	<0.500	<0.500	<0.500	<0.500	---	0.520	<10.0	<0.500	<0.500	<0.500	---	---	<50.0	322.76	17.63	305.13	---	---
S-12	01/22/2007	<50	<0.50	<0.50	<0.50	<1.0	---	0.70 k	<10	<1.0	<1.0	<1.0	---	---	<150	322.76	17.05	305.71	---	---
S-12	04/13/2007	<50 i	<0.50	<1.0	<1.0	<1.0	---	0.70 k	<10	<2.0	<2.0	<2.0	---	---	<100	322.76	17.12	305.64	---	---

GROUNDWATER DATA
SHELL-BRANDED SERVICE STATION
3790 HOPYARD ROAD, PLEASANTON, CALIFORNIA

Well ID	Date	TPHg (µg/L)	B (µg/L)	T (µg/L)	E (µg/L)	X (µg/L)	MTBE 8020 (µg/L)	MTBE 8260 (µg/L)	TBA (µg/L)	DIPE (µg/L)	ETBE (µg/L)	TAME (µg/L)	1,2-DCA (µg/L)	EDB (µg/L)	Ethanol (µg/L)	TOC (ft MSL)	Depth to Water (ft TOC)	GW Elevation (ft MSL)	SPH Thickness (ft)	DO Reading (mg/L)
S-12	07/09/2007	51 i,j	<0.50	<1.0	<1.0	<1.0	---	0.59 k	<10	<2.0	<2.0	<2.0	---	---	<100	322.76	16.85	305.91	---	---
S-12	10/22/2007	<50 i	<0.50	<1.0	<1.0	<1.0	---	0.92	<10	<2.0	<2.0	<2.0	---	---	<100	322.76	16.40	306.36	---	---
S-12	01/09/2008	<50 i	<0.50	<1.0	<1.0	<1.0	---	0.67 k	<10	<2.0	<2.0	<2.0	---	---	<100	322.76	16.50	306.26	---	---
S-12	04/11/2008	<50	<0.50	<1.0	<1.0	<1.0	---	<1.0	<10	<2.0	<2.0	<2.0	---	---	<100	322.76	16.30	306.46	---	---
S-12	07/29/2008	<50	<0.50	<1.0	<1.0	<1.0	---	<1.0	<10	<2.0	<2.0	<2.0	---	---	140	322.76	17.00	305.76	---	---
S-12	10/29/2008	<50	<0.50	<1.0	<1.0	<1.0	---	<1.0	<10	<2.0	<2.0	<2.0	---	---	<100	322.76	17.61	305.15	---	---
S-12	01/21/2009	<50	<0.50	<1.0	<1.0	<1.0	---	<1.0	<10	<2.0	<2.0	<2.0	---	---	<100	322.76	17.59	305.17	---	---
S-12	04/16/2009	<50	<0.50	<1.0	<1.0	<1.0	---	<1.0	<10	<2.0	<2.0	<2.0	---	---	<100	322.76	16.74	306.02	---	---
S-12	07/09/2009	<50	<0.50	<1.0	<1.0	<1.0	---	<1.0	<10	<2.0	<2.0	<2.0	---	---	<100	322.76	17.25	305.51	---	---
S-12	01/11/2010	<50	<0.50	<1.0	<1.0	<1.0	---	<1.0	<10	<2.0	<2.0	<2.0	---	---	<100	322.76	16.88	305.88	---	---
S-12	07/06/2010	---	---	---	---	---	---	---	---	---	---	---	---	---	---	322.76	17.65	305.11	---	---
S-12	01/21/2011	<50	<0.50	<0.50	<0.50	<1.0	---	<1.0	<10	<1.0	<1.0	<1.0	---	---	<150	322.76	17.08	305.68	---	---
S-12	07/20/2011	---	---	---	---	---	---	---	---	---	---	---	---	---	---	322.76	17.77	304.99	---	---
S-12	01/06/2012	<50	<0.50	<0.50	<0.50	<1.0	---	<1.0	<10	<1.0	<1.0	<1.0	---	---	<150	322.76	17.17	305.59	---	---
S-12	01/04/2013	<50	<0.50	<0.50	<0.50	<1.0	---	<0.50	<10	<0.50	<0.50	<0.50	---	---	<150	322.76	17.80	304.96	---	---
S-12	**11/08/2013**	**---**	**---**	**---**	**---**	**---**	**---**	**<0.50**	**---**	**---**	**---**	**---**	**---**	**---**	**---**	**322.76**	**18.26**	**304.50**	**---**	**---**
S-14	11/08/2005	---	---	---	---	---	---	---	---	---	---	---	---	---	---	324.90	17.45	307.45	---	---
S-14	11/11/2005	<50 e	<0.50	<0.50	<0.50	<1.0	---	<0.50	<5.0	---	---	---	---	---	---	324.90	17.63	307.27	---	---
S-14	04/24/2006	<50.0	<0.500	<0.500	<0.500	<0.500	---	<0.500	<10.0	<0.500	<0.500	<0.500	---	---	<50.0	324.90	15.56	309.34	---	---
S-14	07/12/2006	---	---	---	---	---	---	---	---	---	---	---	---	---	---	324.90	16.77	308.13	---	---
S-14	10/20/2006	<50.0	0.560	1.08	<0.500	0.630	---	<0.500	<10.0	<0.500	<0.500	<0.500	---	---	<50.0	324.90	17.26	307.64	---	---
S-14	01/22/2007	---	---	---	---	---	---	---	---	---	---	---	---	---	---	324.90	17.54	307.36	---	---
S-14	04/13/2007	<50 i	<0.50	<1.0	<1.0	<1.0	---	<1.0	<10	<2.0	<2.0	<2.0	---	---	<100	324.90	17.10	307.80	---	---
S-14	10/22/2007	<50 i	<0.50	<1.0	<1.0	<1.0	---	<1.0	<10	<2.0	<2.0	<2.0	---	---	<100	324.90	17.56	307.34	---	---
S-14	04/11/2008	<50	<0.50	<1.0	<1.0	<1.0	---	<1.0	<10	<2.0	<2.0	<2.0	---	---	<100	324.90	17.23	307.67	---	---
S-14	07/29/2008	---	---	---	---	---	---	---	---	---	---	---	---	---	---	324.90	18.30	306.60	---	---
S-14	10/29/2008	<50	<0.50	<1.0	<1.0	<1.0	---	<1.0	<10	<2.0	<2.0	<2.0	---	---	<100	324.90	18.62	306.28	---	---
S-14	04/16/2009	<50	<0.50	<1.0	<1.0	<1.0	---	<1.0	<10	<2.0	<2.0	<2.0	---	---	<100	324.90	17.40	307.50	---	---
S-14	07/09/2009	<50	<0.50	<1.0	<1.0	<1.0	---	<1.0	<10	<2.0	<2.0	<2.0	---	---	<100	324.90	18.46	306.44	---	---
S-14	01/11/2010	<50	<0.50	<1.0	<1.0	<1.0	---	<1.0	<10	<2.0	<2.0	<2.0	---	---	<100	324.90	18.45	306.45	---	---
S-14	07/06/2010	---	---	---	---	---	---	---	---	---	---	---	---	---	---	324.90	18.62	306.28	---	---
S-14	01/21/2011	<50	<0.50	<0.50	<0.50	1.6	---	<1.0	<10	<1.0	<1.0	<1.0	---	---	<150	324.90	17.80	307.10	---	---
S-14	07/20/2011	---	---	---	---	---	---	---	---	---	---	---	---	---	---	324.90	18.19	306.71	---	---
S-14	01/06/2012	<50	<0.50	<0.50	<0.50	<1.0	---	<1.0	<10	<1.0	<1.0	<1.0	---	---	<150	324.90	19.91	304.99	---	---

GROUNDWATER DATA
SHELL-BRANDED SERVICE STATION
3790 HOPYARD ROAD, PLEASANTON, CALIFORNIA

Well ID	Date	TPHg (µg/L)	B (µg/L)	T (µg/L)	E (µg/L)	X (µg/L)	MTBE 8020 (µg/L)	MTBE 8260 (µg/L)	TBA (µg/L)	DIPE (µg/L)	ETBE (µg/L)	TAME (µg/L)	1,2-DCA (µg/L)	EDB (µg/L)	Ethanol (µg/L)	TOC (ft MSL)	Depth to Water (ft TOC)	GW Elevation (ft MSL)	SPH Thickness (ft)	DO Reading (mg/L)
S-14	01/04/2013	<50	<0.50	<0.50	<0.50	<1.0	---	<0.50	<10	<0.50	<0.50	<0.50	---	---	<150	324.90	17.44	307.46	---	---
S-15	04/24/2006	<50.0	<0.500	<0.500	<0.500	<0.500	---	<0.500	<10.0	<0.500	<0.500	<0.500	---	---	<50.0	---	24.00	---	---	---
S-15	07/12/2006	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	23.85	---	---	---
S-15	10/20/2006	<50.0	<0.500	<0.500	<0.500	<0.500	---	<0.500	<10.0	<0.500	<0.500	<0.500	---	---	<50.0	---	23.87	---	---	---
S-15	01/22/2007	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	26.03	---	---	---
S-15	04/13/2007	<50 i	<0.50	<1.0	<1.0	<1.0	---	<1.0	<10	<2.0	<2.0	<2.0	---	---	<100	---	24.29	---	---	---
S-15	10/22/2007	<50 i	<0.50	<1.0	<1.0	<1.0	---	<1.0	<10	<2.0	<2.0	<2.0	---	---	<100	---	24.34	---	---	---
S-15	04/11/2008	<50	<0.50	<1.0	<1.0	<1.0	---	<1.0	<10	<2.0	<2.0	<2.0	---	---	<100	---	23.90	---	---	---
S-15	07/29/2008	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	23.91	---	---	---
S-15	10/29/2008	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	24.02	---	---	---
S-15	04/16/2009	Insufficient water			---	---	---	---	---	---	---	---	---	---	---	---	24.42	---	---	---
S-15	07/09/2009	Insufficient water			---	---	---	---	---	---	---	---	---	---	---	---	23.98	---	---	---
S-15	01/11/2010	Insufficient water			---	---	---	---	---	---	---	---	---	---	---	---	23.91	---	---	---
S-15	07/06/2010	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	23.90	---	---	---
S-15	01/21/2011	Insufficient water			---	---	---	---	---	---	---	---	---	---	---	---	23.00	---	---	---
S-15	07/20/2011	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	23.86	---	---	---
S-15	01/06/2012	<50	<0.50	<0.50	<0.50	<1.0	---	<1.0	<10	<1.0	<1.0	<1.0	---	---	<150	---	23.91	---	---	---
S-15	01/04/2013	Insufficient water			---	---	---	---	---	---	---	---	---	---	---	329.35	24.10	305.25	---	---
SR-1	10/11/1989	200	100	<1	<10	10	---	---	---	---	---	---	---	---	---	---	---	---	---	---
SR-1	12/14/1989	500	210	<0.5	16	16	---	---	---	---	---	---	---	---	---	---	---	---	---	---
SR-1	03/05/1990	64	20	<0.5	1.5	4.0	---	---	---	---	---	---	---	---	---	---	---	---	---	---
SR-1	06/14/1990	60	17	<0.5	1.9	1.0	---	---	---	---	---	---	---	---	---	---	---	---	---	---
SR-1	10/02/1990	<50	5.0	<0.5	<0.5	<0.5	---	---	---	---	---	---	---	---	---	---	---	---	---	---
SR-1	12/18/1990	<50	28	5.5	4.5	4.5	---	---	---	---	---	---	---	---	---	---	---	---	---	---
SR-1	03/04/1994	---	---	---	---	---	---	---	---	---	---	---	---	---	---	329.78	16.34	313.44	---	---
SR-1	06/16/1994	---	---	---	---	---	---	---	---	---	---	---	---	---	---	329.78	16.72	313.06	---	---
SR-1	12/31/2001	---	---	---	---	---	---	---	---	---	---	---	---	---	---	329.78	15.31	314.47	---	---
SR-1	04/07/2004	---	---	---	---	---	---	---	---	---	---	---	---	---	---	328.33	30.79	297.54	---	---
SR-1	07/27/2004	<500	<5.0	<5.0	<5.0	11	---	44	3,000	<20	<20	<20	---	---	<500	328.33	30.72	297.61	---	---
SR-1	08/04/2004	62	<0.50	<0.50	2.6	13	---	---	---	---	---	---	---	---	---	328.33	30.77	297.56	---	---
SR-1	10/29/2004	<500	<5.0	<5.0	<5.0	<10	---	11	1,400	<20	<20	<20	---	---	<500	328.33	30.85	297.48	---	---
SR-1	01/06/2005	<250	<2.5	<2.5	6.8	31	---	20	2,800	<10	<10	<10	---	---	---	328.33	30.92	297.41	---	---
SR-1	04/14/2005	170	12	<0.90	11	1.5	---	190	2,200	<0.90	<0.90	<0.90	---	---	<9.0	328.33	30.73	297.60	---	---

GROUNDWATER DATA
SHELL-BRANDED SERVICE STATION
3790 HOPYARD ROAD, PLEASANTON, CALIFORNIA

Well ID	Date	TPHg (µg/L)	B (µg/L)	T (µg/L)	E (µg/L)	X (µg/L)	MTBE 8020 (µg/L)	MTBE 8260 (µg/L)	TBA (µg/L)	DIPE (µg/L)	ETBE (µg/L)	TAME (µg/L)	1,2-DCA (µg/L)	EDB (µg/L)	Ethanol (µg/L)	TOC (ft MSL)	Depth to Water (ft TOC)	GW Elevation (ft MSL)	SPH Thickness (ft)	DO Reading (mg/L)
SR-1	07/29/2005	<100	<1.0	<1.0	<1.0	3.7	---	7.6	1,500	<4.0	<4.0	<4.0	---	---	<100	328.33	24.53	303.80	---	---
SR-1	10/20/2005	190	<1.0	<1.0	5.4	35	---	4.3	1,200	<4.0	<4.0	<4.0	---	---	<100	328.33	31.00	297.33	---	---
SR-1	01/26/2006	<50.0	4.65	<0.500	1.79	18.8	---	4.25	556	<0.500	<0.500	<0.500	---	---	<50.0	328.33	30.89	297.44	---	---
SR-1	04/24/2006	<50.0	2.76	<0.500	1.36	<0.500	---	42.8	180	<0.500	<0.500	<0.500	---	---	<50.0	328.33	14.94	313.39	---	---
SR-1	07/12/2006	<50.0	0.950	<0.500	<0.500	<1.50	---	3.24	171	<0.500	<0.500	<0.500	---	---	<50.0	328.33	14.71	313.62	---	---
SR-1	10/20/2006	<50.0	<0.500	<0.500	<0.500	<0.500	---	<0.500	<10.0	<0.500	<0.500	<0.500	---	---	<50.0	328.33	15.84	312.49	---	---
SR-1	01/22/2007	<50	0.48 k	<0.50	0.60	<1.0	---	0.70 k	46	<1.0	<1.0	<1.0	---	---	<150	328.33	15.25	313.08	---	---
SR-1	04/13/2007	61 i	0.43 k	<1.0	0.26 k	<1.0	---	9.4	62	<2.0	<2.0	<2.0	---	---	<100	328.33	14.78	313.55	---	---
SR-1	07/09/2007	<50 i	0.44 k	<1.0	0.69 k	<1.0	---	3.5	19	<2.0	<2.0	<2.0	---	---	<100	328.33	14.44	313.89	---	---
SR-1	10/22/2007	<50 i	<0.50	<1.0	0.56 k	<1.0	---	9.6	31	<2.0	<2.0	<2.0	---	---	<100	328.33	15.31	313.02	---	---
SR-1	01/09/2008	53 i	<0.50	<1.0	3.5	2.6	---	5.6	12	<2.0	<2.0	<2.0	---	---	<100	328.33	14.39	313.94	---	---
SR-1	04/11/2008	<50	<0.50	<1.0	<1.0	<1.0	---	4.7	16	<2.0	<2.0	<2.0	---	---	<100	328.33	15.00	313.33	---	---
SR-1	07/29/2008	100	<0.50	<1.0	1.7	<1.0	---	4.4	23	<2.0	<2.0	<2.0	---	---	<100	328.33	15.70	312.63	---	---
SR-1	10/29/2008	54	<0.50	<1.0	<1.0	<1.0	---	8.3	61	<2.0	<2.0	<2.0	---	---	<100	328.33	16.05	312.28	---	---
SR-1	01/21/2009	68	<0.50	<1.0	<1.0	<1.0	---	26	310	<2.0	<2.0	<2.0	---	---	<100	328.33	15.02	313.31	---	---
SR-1	04/16/2009	62	<0.50	<1.0	<1.0	<1.0	---	8.0	38	<2.0	<2.0	<2.0	---	---	<100	328.33	14.69	313.64	---	---
SR-1	07/09/2009	87	<0.50	<1.0	<1.0	<1.0	---	26	150	<2.0	<2.0	<2.0	---	---	<100	328.33	15.91	312.42	---	---
SR-1	01/11/2010	<50	<0.50	<1.0	<1.0	<1.0	---	12	230	<2.0	<2.0	<2.0	---	---	<100	328.33	15.25	313.08	---	---
SR-1	07/06/2010	<50	<0.50	<1.0	<1.0	<1.0	---	15	300	---	---	---	---	---	<100	328.33	15.28	313.05	---	---
SR-1	01/21/2011	<50	<0.50	<0.50	<0.50	<1.0	---	3.2	85	<1.0	<1.0	<1.0	---	---	<150	328.33	15.02	313.31	---	---
SR-1	07/20/2011	<50	<0.50	<0.50	<0.50	<1.0	---	8.3	180	---	---	---	---	---	<150	328.33	15.42	312.91	---	---
SR-1	01/06/2012	<50	<0.50	<0.50	<0.50	<1.0	---	2.4	60	<1.0	<1.0	<1.0	---	---	<150	328.33	16.56	311.77	---	---
SR-1	01/04/2013	59	<0.50	<0.50	<0.50	<1.0	---	4.4	160	<0.50	<0.50	<0.50	---	---	<150	328.33	14.39	313.94	---	---
SR-2	10/11/1989	880	<10	1.0	29	33	---	---	---	---	---	---	---	---	---	---	---	---	---	---
SR-2	12/14/1989	1100	17	<0.5	100	67	---	---	---	---	---	---	---	---	---	---	---	---	---	---
SR-2	03/05/1990	140	3.0	<0.5	12	7.0	---	---	---	---	---	---	---	---	---	---	---	---	---	---
SR-2	06/14/1990	<50	<0.5	<0.5	2.6	<1	---	---	---	---	---	---	---	---	---	---	---	---	---	---
SR-2	10/02/1990	<50	<0.5	<0.5	0.5	<0.5	---	---	---	---	---	---	---	---	---	---	---	---	---	---
SR-2	12/18/1990	<50	1.6	1.4	1.6	2.7	---	---	---	---	---	---	---	---	---	---	---	---	---	---
SR-2	03/04/1994	---	---	---	---	---	---	---	---	---	---	---	---	---	---	328.35	14.39	313.96	---	---
SR-2	06/16/1994	---	---	---	---	---	---	---	---	---	---	---	---	---	---	328.35	14.48	313.87	---	---
SR-2	12/31/2001	---	---	---	---	---	---	---	---	---	---	---	---	---	---	328.35	13.62	314.73	---	---
SR-2	09/27/2002	<1,000	<10	<10	<10	<10	---	5,000	---	---	---	---	---	---	---	327.91	14.20	313.71	---	---
SR-2	12/27/2002	<1,000	<10	<10	<10	<10	---	4,800	1,600	<10	<10	<10	<10	<10	---	327.91	13.33	314.58	---	---

GROUNDWATER DATA
SHELL-BRANDED SERVICE STATION
3790 HOPYARD ROAD, PLEASANTON, CALIFORNIA

Well ID	Date	TPHg (µg/L)	B (µg/L)	T (µg/L)	E (µg/L)	X (µg/L)	MTBE 8020 (µg/L)	MTBE 8260 (µg/L)	TBA (µg/L)	DIPE (µg/L)	ETBE (µg/L)	TAME (µg/L)	1,2-DCA (µg/L)	EDB (µg/L)	Ethanol (µg/L)	TOC (ft MSL)	Depth to Water (ft TOC)	GW Elevation (ft MSL)	SPH Thickness (ft)	DO Reading (mg/L)
SR-2	03/24/2003	<5,000	<50	<50	<50	<100	---	10,000	---	---	---	---	---	---	---	327.91	13.75	314.16	---	---
SR-2	05/09/2003	<5,000	<50	<50	80	290	---	13,000	6,100	---	---	---	---	---	---	327.91	13.40	314.51	---	---
SR-2	07/08/2003	<5,000	<50	<50	<50	<100	---	12,000	4,800	---	---	---	---	---	---	327.31	30.48	296.83	---	---
SR-2	10/15/2003	<500	<5.0	<5.0	<5.0	20	---	1,200	9,800	---	---	---	---	---	---	327.31	15.38	311.93	---	---
SR-2	01/06/2004	<1,300	<13	<13	<13	<25	---	500	17,000	---	---	---	---	---	---	327.31	31.47	295.84	---	---
SR-2	04/07/2004	<1,300	<13	<13	<13	<25	---	280	10,000	---	---	---	---	---	---	327.31	31.54	295.77	---	---
SR-2	07/27/2004	<1,300	<13	<13	<13	<25	---	63	9,500	<50	<50	<50	---	---	<1,300	327.31	31.35	295.96	---	---
SR-2	10/29/2004	<1,300	<13	<13	<13	<25	---	47	7,600	<50	<50	<50	---	---	<1,300	327.31	30.50	296.81	---	---
SR-2	01/06/2005	<1,300	<13	<13	<13	<25	---	23	6,000	<50	<50	<50	---	---	---	327.31	31.38	295.93	---	---
SR-2	04/14/2005	<150	<1.5	<1.5	<1.5	1.7	---	27	6,300	<1.5	<1.5	<1.5	---	---	<15	327.31	31.28	296.03	---	---
SR-2	07/29/2005	<500	<5.0	<5.0	<5.0	<10	---	14	5,400	<20	<20	<20	---	---	<500	327.31	22.71	304.60	---	---
SR-2	10/20/2005	<500	<5.0	<5.0	<5.0	<10	---	<5.0	3,600	<20	<20	<20	---	---	<500	327.31	31.31	296.00	---	---
SR-2	01/26/2006	<50.0	<0.500	<0.500	1.56	7.72	---	6.37	1,620	<0.500	<0.500	<0.500	---	---	<50.0	327.31	31.60	295.71	---	---
SR-2	04/24/2006	<50.0	<0.500	<0.500	<0.500	<0.500	---	13.1	544	<0.500	<0.500	<0.500	---	---	<50.0	327.31	12.86	314.45	---	---
SR-2	07/12/2006	<50.0	0.950	<0.500	<0.500	<1.50	---	3.00	941	<0.500	<0.500	<0.500	---	---	<50.0	327.31	12.65	314.66	---	---
SR-2	10/20/2006	96.0	<0.500	<0.500	<0.500	<0.500	---	9.56	881	<0.500	<0.500	<0.500	---	---	<50.0	327.31	14.10	313.21	---	---
SR-2	01/22/2007	<50	<0.50	<0.50	<0.50	<1.0	---	2.8	1,100	<1.0	<1.0	<1.0	---	---	<150	327.31	13.47	313.84	---	---
SR-2	04/13/2007	<50 i	<0.50	<1.0	<1.0	<1.0	---	6.9	520	<2.0	<2.0	<2.0	---	---	<100	327.31	12.89	314.42	---	---
SR-2	07/09/2007	58 i,j	0.14 k	<1.0	<1.0	<1.0	---	21	720	<2.0	<2.0	<2.0	---	---	<100	327.31	12.03	315.28	---	---
SR-2	10/22/2007	<50 i	<0.50	<1.0	<1.0	<1.0	---	2.0	69	<2.0	<2.0	<2.0	---	---	<100	327.31	13.51	313.80	---	---
SR-2	01/09/2008	<50 i	0.17 M	<1.0	<1.0	<1.0	---	8.7	100	<2.0	<2.0	<2.0	---	---	<100	327.31	13.63	313.68	---	---
SR-2	04/11/2008	<50	<0.50	<1.0	<1.0	<1.0	---	8.3	280	<2.0	<2.0	<2.0	---	---	<100	327.31	13.21	314.10	---	---
SR-2	07/29/2008	<50	<0.50	<1.0	<1.0	<1.0	---	1.2	22	<2.0	<2.0	<2.0	---	---	<100	327.31	14.81	312.50	---	---
SR-2	10/29/2008	<50	<0.50	<1.0	<1.0	<1.0	---	1.6	21	<2.0	<2.0	<2.0	---	---	<100	327.31	15.10	312.21	---	---
SR-2	01/21/2009	<50	<0.50	<1.0	<1.0	<1.0	---	1.6	70	<2.0	<2.0	<2.0	---	---	<100	327.31	12.79	314.52	---	---
SR-2	04/16/2009	<50	<0.50	<1.0	<1.0	<1.0	---	2.3	73	<2.0	<2.0	<2.0	---	---	<100	327.31	12.64	314.67	---	---
SR-2	07/09/2009	<50	<0.50	<1.0	<1.0	<1.0	---	4.0	63	<2.0	<2.0	<2.0	---	---	<100	327.31	14.07	313.24	---	---
SR-2	01/11/2010	83	<0.50	<1.0	<1.0	<1.0	---	4.8	220	<2.0	<2.0	<2.0	---	---	<100	327.31	13.04	314.27	---	---
SR-2	07/06/2010	2100	28	<2.0	21	<2.0	---	38	820	---	---	---	---	---	<200	327.31	14.43	312.88	---	---
SR-2	07/06/2010	---	---	---	---	---	---	---	---	---	---	---	---	---	---	327.31	13.19	314.12	---	---
SR-2	01/21/2011	<50	<0.50	<0.50	<0.50	<1.0	---	1.3	53	<1.0	<1.0	<1.0	---	---	<150	327.31	13.04	314.27	---	---
SR-2	07/20/2011	---	---	---	---	---	---	---	---	---	---	---	---	---	---	327.31	13.44	313.87	---	---
SR-2	01/06/2012	<50	<0.50	<0.50	<0.50	<1.0	---	1.4	36	<1.0	<1.0	<1.0	---	---	<150	327.31	14.25	313.06	---	---
SR-2	01/04/2013	<50	<0.50	<0.50	<0.50	<1.0	---	1.1	<10	<0.50	<0.50	<0.50	---	---	<150	327.31	12.30	315.01	---	---

GROUNDWATER DATA
SHELL-BRANDED SERVICE STATION
3790 HOPYARD ROAD, PLEASANTON, CALIFORNIA

Well ID	Date	TPHg (µg/L)	B (µg/L)	T (µg/L)	E (µg/L)	X (µg/L)	MTBE 8020 (µg/L)	MTBE 8260 (µg/L)	TBA (µg/L)	DIPE (µg/L)	ETBE (µg/L)	TAME (µg/L)	1,2-DCA (µg/L)	EDB (µg/L)	Ethanol (µg/L)	TOC (ft MSL)	Depth to Water (ft TOC)	GW Elevation (ft MSL)	SPH Thickness (ft)	DO Reading (mg/L)
SR-3	12/11/1989	500	92	10	43	100	---	---	---	---	---	---	---	---	---	---	---	---	---	---
SR-3	12/14/1989	2,400	310	27	170	340	---	---	---	---	---	---	---	---	---	---	---	---	---	---
SR-3	03/05/1990	70	15	0.8	5.8	10	---	---	---	---	---	---	---	---	---	---	---	---	---	---
SR-3	06/14/1990	470	59	2.3	35	50	---	---	---	---	---	---	---	---	---	---	---	---	---	---
SR-3	10/02/1990	1,700	91	6.2	7.0	100	---	---	---	---	---	---	---	---	---	---	---	---	---	---
SR-3	12/18/1990	140	10	0.8	7.5	14	---	---	---	---	---	---	---	---	---	---	---	---	---	---
SR-3	03/04/1994	---	---	---	---	---	---	---	---	---	---	---	---	---	---	329.11	14.66	314.45	---	---
SR-3	06/16/1994	---	---	---	---	---	---	---	---	---	---	---	---	---	---	329.11	14.96	314.15	---	---
SR-3	12/31/2001	---	---	---	---	---	---	---	---	---	---	---	---	---	---	329.11	13.60	315.51	---	---
SR-3	09/27/2002	<2,500	<25	<25	<25	<25	---	11,000	---	---	---	---	---	---	---	328.65	14.75	313.90	---	---
SR-3	12/27/2002	<2,000	<20	<20	<20	<20	---	5,100	4,600	<20	<20	<20	<20	<20	---	328.65	13.65	315.00	---	---
SR-3	03/24/2003	<2,500	<25	<25	<25	<50	---	3,700	---	---	---	---	---	---	---	328.65	13.52	315.13	---	---
SR-3	05/09/2003	<1,000	15	<10	19	48	---	3,700	8,400	---	---	---	---	---	---	328.65	12.15	316.50	---	---
SR-3	07/08/2003	<1,000	<10	<10	<10	<20	---	2,800	8,300	---	---	---	---	---	---	327.50	30.00	297.50	---	---
SR-3	10/15/2003	310	3.2	<2.5	9.1	30	---	240	3,600	---	---	---	---	---	---	327.50	15.39	312.11	---	---
SR-3	01/06/2004	<500	<5.0	<5.0	<5.0	<10	---	26	3,300	---	---	---	---	---	---	327.50	30.29	297.21	---	---
SR-3	04/07/2004	<50	<0.50	<0.50	<0.50	<1.0	---	4.4	370	---	---	---	---	---	---	327.50	15.49	312.01	---	---
SR-3	07/27/2004	<50	<0.50	<0.50	<0.50	<1.0	---	9.0	390	<2.0	<2.0	<2.0	---	---	<50	327.50	15.34	312.16	---	---
SR-3	10/29/2004	<100	<1.0	<1.0	<1.0	<2.0	---	15	780	<4.0	<4.0	<4.0	---	---	<100	327.50	15.22	312.28	---	---
SR-3	01/06/2005	<50	<0.50	<0.50	<0.50	<1.0	---	6.3	250	<2.0	<2.0	<2.0	---	---	---	327.50	15.08	312.42	---	---
SR-3	04/14/2005	58	0.76	<0.50	1.5	<0.50	---	46	2,200	<0.50	<0.50	<0.50	---	---	<5.0	327.50	30.53	296.97	---	---
SR-3	07/29/2005	<50	<0.50	<0.50	<0.50	<1.0	---	6.7	490	<2.0	<2.0	<2.0	---	---	<50	327.50	21.81	305.69	---	---
SR-3	10/20/2005	<50	<0.50	<0.50	<0.50	<1.0	---	3.3	76	<2.0	<2.0	<2.0	---	---	<50	327.50	29.19	298.31	---	---
SR-3	01/26/2006	<50.0	<0.500	<0.500	<0.500	<0.500	---	3.34	84.9	<0.500	<0.500	<0.500	---	---	<50.0	327.50	31.00	296.50	---	---
SR-3	04/24/2006	<50.0	1.67	<0.500	0.640	<0.500	---	36.4	315	<0.500	<0.500	<0.500	---	---	<50.0	327.50	12.42	315.08	---	---
SR-3	07/12/2006	<50.0	0.950	<0.500	<0.500	<1.50	---	9.73	724	<0.500	<0.500	<0.500	---	---	<50.0	327.50	12.75	314.75	---	---
SR-3	10/20/2006	73.3	<0.500	<0.500	<0.500	<0.500	---	5.64	847	<0.500	<0.500	<0.500	---	---	<50.0	327.50	13.93	313.57	---	---
SR-3	01/22/2007	56	<2.0	<2.0	<2.0	<4.0	---	5.6	1,300	<4.0	<4.0	<4.0	---	---	<600	327.50	13.31	314.19	---	---
SR-3	04/13/2007	66 i,j	<5.0	<10	<10	<10	---	16	2,400	<20	<20	<20	---	---	<1,000	327.50	13.61	313.89	---	---
SR-3	07/09/2007	150 i,j	0.97	<1.0	0.33 k	<1.0	---	19	1,300	<2.0	<2.0	<2.0	---	---	<100	327.50	11.87	315.63	---	---
SR-3	10/22/2007	51 i	<0.50	<1.0	<1.0	<1.0	---	8.3	950	<2.0	<2.0	<2.0	---	---	<100	327.50	13.40	314.10	---	---
SR-3	01/09/2008	<50 i	<0.50	<1.0	<1.0	<1.0	---	5.2	610	<2.0	<2.0	<2.0	---	---	<100	327.50	13.61	313.89	---	---
SR-3	04/11/2008	66	<0.50	<1.0	<1.0	<1.0	---	9.3	830	<2.0	<2.0	<2.0	---	---	<100	327.50	14.11	313.39	---	---
SR-3	07/29/2008	60	<0.50	<1.0	<1.0	<1.0	---	7.1	570	<2.0	<2.0	<2.0	---	---	<100	327.50	14.85	312.65	---	---
SR-3	10/29/2008	52	<0.50	<1.0	<1.0	<1.0	---	4.6	390	<2.0	<2.0	<2.0	---	---	<100	327.50	14.94	312.56	---	---

GROUNDWATER DATA
SHELL-BRANDED SERVICE STATION
3790 HOPYARD ROAD, PLEASANTON, CALIFORNIA

Well ID	Date	TPHg (µg/L)	B (µg/L)	T (µg/L)	E (µg/L)	X (µg/L)	MTBE 8020 (µg/L)	MTBE 8260 (µg/L)	TBA (µg/L)	DIPE (µg/L)	ETBE (µg/L)	TAME (µg/L)	1,2-DCA (µg/L)	EDB (µg/L)	Ethanol (µg/L)	TOC (ft MSL)	Depth to Water (ft TOC)	GW Elevation (ft MSL)	SPH Thickness (ft)	DO Reading (mg/L)
SR-3	01/21/2009	320	4.0	<1.0	1.8	<1.0	---	11	760	<2.0	<2.0	<2.0	---	---	<100	327.50	12.47	315.03	---	---
SR-3	04/16/2009	80	0.59	<1.0	<1.0	<1.0	---	5.8	320	<2.0	<2.0	<2.0	---	---	<100	327.50	12.49	315.01	---	---
SR-3	07/09/2009	54	<0.50	<1.0	<1.0	<1.0	---	4.5	250	<2.0	<2.0	<2.0	---	---	<100	327.50	13.87	313.63	---	---
SR-3	01/11/2010	190	1.7	<1.0	<1.0	<1.0	---	7.2	390	<2.0	<2.0	<2.0	---	---	<100	327.50	12.73	314.77	---	---
SR-3	07/06/2010	100	<0.50	<1.0	<1.0	<1.0	---	2.3	110	---	---	---	---	---	<100	327.50	13.14	314.36	---	---
SR-3	01/21/2011	63	<0.50	<0.50	<0.50	<1.0	---	1.8	85	<1.0	<1.0	<1.0	---	---	<150	327.50	12.74	314.76	---	---
SR-3	07/20/2011	<50	<0.50	<0.50	<0.50	<1.0	---	1.4	63	---	---	---	---	---	<150	327.50	13.28	314.22	---	---
SR-3	01/06/2012	<50	<0.50	<0.50	<0.50	<1.0	---	1.3	23	<1.0	<1.0	<1.0	---	---	<150	327.50	14.53	312.97	---	---
SR-3	01/04/2013	110	<0.50	<0.50	<0.50	<1.0	---	1.4	62	<0.50	<0.50	<0.50	---	---	<150	327.50	11.91	315.59	---	---
T-1	06/18/2002	<5,000	<50	<50	<50	<50	---	20,000	---	---	---	---	---	---	---	---	12.31	---	---	---
T-2	09/17/2001	<5,000	<25	<25	<25	<25	---	29,000	---	---	---	---	---	---	---	---	11.48	---	---	---
T-2	12/31/2001	<5,000	<50	<50	<50	<50	---	31,000	---	---	---	---	---	---	---	---	4.96	---	---	---
T-2	03/13/2002	<5,000	<50	<50	<50	<50	---	48,000	---	---	---	---	---	---	---	---	9.76	---	---	---
T-2	06/18/2002	<20,000	<200	<200	<200	<200	---	100,000	---	---	---	---	---	---	---	---	12.58	---	---	---
T-2	09/27/2002	240	0.55	2.8	1.8	2.6	---	39	---	---	---	---	---	---	---	---	8.15	---	---	---
T-2	12/27/2002	2,100	7.8	17	<0.50	11	---	790	1,200	<2.0	<2.0	2.7	<2.0	<2.0	---	---	6.75	---	---	---
T-2	03/24/2003	550	<2.5	<2.5	<2.5	<5.0	---	310	---	---	---	---	---	---	---	---	11.68	---	---	---
T-2	05/09/2003	220	0.66	0.55	<0.50	1.8	---	100	92	---	---	---	---	---	---	---	6.40	---	---	---
T-2	07/08/2003	<500	13	7.4	<5.0	22	---	990	120	---	---	---	---	---	---	---	8.16	---	---	---
T-2	10/15/2003	220 d	<0.50	<0.50	<0.50	<1.0	---	13	23	---	---	---	---	---	---	---	11.15	---	---	---
T-2	01/06/2004	710	<0.50	<0.50	<0.50	1.2	---	14	9.2	---	---	---	---	---	---	---	9.10	---	---	---
T-2	04/07/2004	570 d	5.4	<0.50	<0.50	1.2	---	5.6	11	---	---	---	---	---	---	---	10.54	---	---	---
T-2	07/27/2004	270	17	1.2	<0.50	2.0	---	2.9	7.9	<2.0	<2.0	<2.0	---	---	<50	---	9.89	---	---	---
T-2	10/29/2004	180	<0.50	<0.50	<0.50	<1.0	---	4.2	23	<2.0	<2.0	<2.0	---	---	<50	---	9.42	---	---	---
T-2	01/06/2005	1,100	0.83	<0.50	<0.50	3.5	---	3.0	12	<2.0	<2.0	<2.0	---		---	---	7.98	---	---	---
T-3	06/18/2002	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	Dry	---	---	---
T-4	06/18/2002	<10,000	<100	<100	<100	<200	---	97,000	---	---	---	---	---	---	---	---	13.50	---	---	---
T-4	12/27/2002	550	5.3	16	0.60	39	---	140	120	<2.0	<2.0	<2.0	<2.0	<2.0	---	---	7.65	---	---	---
T-4	03/24/2003	1,400	<0.50	1.0	1.2	3.6	---	15	---	---	---	---	---	---	---	---	12.88	---	---	---
T-4	05/09/2003	<50	<0.50	<0.50	<0.50	1.6	---	14	5.2	---	---	---	---	---	---	---	7.59	---	---	---
T-4	07/08/2003	730	26	8.9	10	19	---	1,000	150	---	---	---	---	---	---	---	9.33	---	---	---
T-4	10/15/2003	1,200	15	6.1	2.8	11	---	310	980	---	---	---	---	---	---	---	11.80	---	---	---

GROUNDWATER DATA
SHELL-BRANDED SERVICE STATION
3790 HOPYARD ROAD, PLEASANTON, CALIFORNIA

Well ID	Date	TPHg (µg/L)	B (µg/L)	T (µg/L)	E (µg/L)	X (µg/L)	MTBE 8020 (µg/L)	MTBE 8260 (µg/L)	TBA (µg/L)	DIPE (µg/L)	ETBE (µg/L)	TAME (µg/L)	1,2-DCA (µg/L)	EDB (µg/L)	Ethanol (µg/L)	TOC (ft MSL)	Depth to Water (ft TOC)	GW Elevation (ft MSL)	SPH Thickness (ft)	DO Reading (mg/L)
T-4	01/06/2004	68	1.1	<0.50	<0.50	<1.0	---	12	<5.0	---	---	---	---	---	---	---	9.78	---	---	---
T-4	04/07/2004	1,600	5.1	0.57	<0.50	2.3	---	6.1	<5.0	---	---	---	---	---	---	---	11.15	---	---	---
T-4	07/27/2004	590	5.3	0.83	0.52	2.2	---	4.8	7.5	<2.0	<2.0	<2.0	---	---	<50	---	10.93	---	---	---
T-4	10/29/2004	83	<0.50	<0.50	<0.50	<1.0	---	1.2	<5.0	<2.0	<2.0	<2.0	---	---	<50	---	10.06	---	---	---
T-4	01/06/2005	430 f	<0.50	<0.50	<0.50	<1.0	---	9.6	<5.0	<2.0	<2.0	<2.0	---	---	---	---	8.69	---	---	---
C-1	05/09/2003	---	---	---	---	---	---	---	---	---	---	---	---	---	---	331.33	28.50	302.83	---	---
C-1	07/08/2003	---	---	---	---	---	---	---	---	---	---	---	---	---	---	331.33	28.50	302.83	---	---
C-1	10/15/2003	---	---	---	---	---	---	---	---	---	---	---	---	---	---	331.33	28.52	302.81	---	---
C-1	01/06/2004	---	---	---	---	---	---	---	---	---	---	---	---	---	---	331.33	28.21	303.12	---	---
C-1	04/07/2004	---	---	---	---	---	---	---	---	---	---	---	---	---	---	331.33	28.54	302.79	---	---
C-1	07/27/2004	---	---	---	---	---	---	---	---	---	---	---	---	---	---	331.33	28.58	302.75	---	---
C-1	10/29/2004	---	---	---	---	---	---	---	---	---	---	---	---	---	---	331.33	28.58	302.75	---	---
C-1	01/06/2005	---	---	---	---	---	---	---	---	---	---	---	---	---	---	331.33	28.55	302.78	---	---
C-1	04/14/2005	---	---	---	---	---	---	---	---	---	---	---	---	---	---	331.33	28.55	302.78	---	---
C-1	07/29/2005	---	---	---	---	---	---	---	---	---	---	---	---	---	---	331.33	28.54	302.79	---	---
C-1	10/20/2005	---	---	---	---	---	---	---	---	---	---	---	---	---	---	331.33	31.11	300.22	---	---
C-1	01/26/2006	---	---	---	---	---	---	---	---	---	---	---	---	---	---	331.33	31.15	300.18	---	---
C-1	04/24/2006	---	---	---	---	---	---	---	---	---	---	---	---	---	---	331.33	32.07	299.26	---	---
C-1	07/12/2006	---	---	---	---	---	---	---	---	---	---	---	---	---	---	331.33	29.30	302.03	---	---
C-1	10/20/2006	---	---	---	---	---	---	---	---	---	---	---	---	---	---	331.33	31.64	299.69	---	---
C-1	01/22/2007	---	---	---	---	---	---	---	---	---	---	---	---	---	---	331.33	30.03	301.30	---	---
C-1	04/13/2007	---	---	---	---	---	---	---	---	---	---	---	---	---	---	331.33	30.21	301.12	---	---
C-1	07/09/2007	---	---	---	---	---	---	---	---	---	---	---	---	---	---	331.33	33.38	297.95	---	---
C-1	10/22/2007	---	---	---	---	---	---	---	---	---	---	---	---	---	---	331.33	33.18	298.15	---	---
C-1	01/09/2008	---	---	---	---	---	---	---	---	---	---	---	---	---	---	331.33	28.21	303.12	---	---
C-1	04/11/2008	---	---	---	---	---	---	---	---	---	---	---	---	---	---	331.33	33.52	297.81	---	---
C-1	07/29/2008	---	---	---	---	---	---	---	---	---	---	---	---	---	---	331.33	30.91	300.42	---	---
C-1	10/29/2008	---	---	---	---	---	---	---	---	---	---	---	---	---	---	331.33	31.02	300.31	---	---
C-1	01/21/2009	---	---	---	---	---	---	---	---	---	---	---	---	---	---	331.33	30.54	300.79	---	---
C-1	04/16/2009	---	---	---	---	---	---	---	---	---	---	---	---	---	---	331.33	30.61	300.72	---	---
C-1	07/09/2009	---	---	---	---	---	---	---	---	---	---	---	---	---	---	331.33	30.74	300.59	---	---
C-1	01/11/2010	---	---	---	---	---	---	---	---	---	---	---	---	---	---	331.33	30.83	300.50	---	---
C-1	07/06/2010	920	230	<5	150	150	---	---	---	---	---	---	---	---	---	331.33	30.92	300.41	---	---
C-1	01/21/2011	---	---	---	---	---	---	---	---	---	---	---	---	---	---	331.33	34.46	296.87	---	---

GROUNDWATER DATA
SHELL-BRANDED SERVICE STATION
3790 HOPYARD ROAD, PLEASANTON, CALIFORNIA

Well ID	Date	TPHg (µg/L)	B (µg/L)	T (µg/L)	E (µg/L)	X (µg/L)	MTBE 8020 (µg/L)	MTBE 8260 (µg/L)	TBA (µg/L)	DIPE (µg/L)	ETBE (µg/L)	TAME (µg/L)	1,2-DCA (µg/L)	EDB (µg/L)	Ethanol (µg/L)	TOC (ft MSL)	Depth to Water (ft TOC)	GW Elevation (ft MSL)	SPH Thickness (ft)	DO Reading (mg/L)
C-1	07/20/2011	---	---	---	---	---	---	---	---	---	---	---	---	---	---	331.33	30.82	300.51	---	---
C-1	01/06/2012	---	---	---	---	---	---	---	---	---	---	---	---	---	---	331.33	30.97	300.36	---	---
C-1	01/04/2013	---	---	---	---	---	---	---	---	---	---	---	---	---	---	331.33	30.38	300.95	---	---

Notes:
TPHg = Total petroleum hydrocarbons as gasoline analyzed by EPA Method 8260B; prior to June 18, 2001, analyzed by EPA Method 8015 unless otherwise noted.
BTEX = Benzene, toluene, ethylbenzene, and total xylenes analyzed by EPA Method 8260B; prior to June 18, 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-dibromoethane analyzed by EPA Method 8260
Ethanol analyzed by EPA Method 8260.
TOC = Top of casing elevation, in feet relative to mean sea level
GW = Groundwater
SPH = Separate-phase hydrocarbons
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 = Compounds detected within the chromatographic range of gasoline but not characteristic of the standard gasoline pattern.
b = Analyzed outside of the EPA recommended holding time.
c = Samples for wells S-6 and S-7 may have been switched.
d = Hydrocarbon does not match pattern of laboratory's standard.
e = The concentration reported reflects individual or discrete unidentified peaks not matching a typical fuel pattern.
f = Quantity of unknown hydrocarbon(s) in sample based on gasoline.
g = Due to the low levels of analyte found in the sample, the analyte was qualitatively identified based on the compound's retention time and the presence of a single mass ion.
h = Hydrocarbon result partly due to individual peak(s) in quantitation range.

GROUNDWATER DATA
SHELL-BRANDED SERVICE STATION
3790 HOPYARD ROAD, PLEASANTON, CALIFORNIA

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

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

j = 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.

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

Corrected groundwater elevation when SPHs are present = TOC - Depth to Water + (0.8 x Hydrocarbon Thickness).

Well T-2 is a backfill well.

Beginning September 23, 2002 depth to water referenced to TOC

All wells except S-11, S-12, and T-1 through T-4 surveyed March 11, 2002 by Virgil Chavez Land Surveying

Survey data for wells S-11 and S-12 provided by Cambria Environmental Technology, Inc.

C-1 surveyed March 18, 2003 by Virgil Chavez Land Surveying

Wells SR-1, SR-2, and SR-3 surveyed September 22, 2003 by Virgil Chavez Land Surveying

4Q05 survey data for wells S-5B, S-5C, S-9B, S-9C, and S-14 provided by Delta Environmental Consultants, Inc.

Well S-15 surveyed April 20, 2012 by Virgil Chavez Land Surveying

APPENDIX A

BLAINE TECH SERVICES, INC. –
FIELD NOTES

WELL GAUGING DATA

Project # B0423-Dw1 Date 4/23/13 Client Shell

Site 3790 Hopyard Rd, Pleasanton 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
S-6	1126	3					15.00	34.20	TOC	

SHELL WELL MONITORING DATA SHEET

BTS #: 130423-DW1	Site: 3790 Hyyard Rd., Pleasanton CA
Sampler: DW	Date: 4/23/13
Well I.D.: S-6	Well Diameter: 2 (3) 4 6 8 ___
Total Well Depth (TD): 34.20	Depth to Water (DTW): 15.00
Depth to Free Product:	Thickness of Free Product (feet):
Referenced to: (PVC) Grade	D.O. Meter (if req'd): YSI HACH
DTW with 80% Recharge [(Height of Water Column x 0.20) + DTW]: 18.84	

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: ____

1 Case Volume	Specified Volumes	Calculated Volume
7.1 (Gals.) X	3	= 21.3 Gals.

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

Time	Temp (°F)	pH	Cond. (mS or (µS))	Turbidity (NTUs)	Gals. Removed	Observations
1130	71.4	6.76	2065	92	7.1	
1132	well dewatered @				13.0 gals	
1150	72.0	6.74	2060	70	—	

Did well dewater? (Yes) No Gallons actually evacuated: 15.0

Sampling Date: 4/23/13 Sampling Time: 1150 Depth to Water: 18.72

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

ENVIRONMENTAL WELL, REMEDIATION COMPOUND, AND SITE INSPECTION FORM

INCIDENT # 98995842

DATE: 4/23/13

ADDRESS 3790 Hopyard Rd

CITY & STATE Pleasanton 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
S-6	Standpipe	Flush (circled)	G (circled)	P	Size (inch) 8	Y (circled)	N	G (circled)	R	G (circled)	R	NL	G (circled)	P		Y	N (circled)	
	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	
	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 (circled)	If POOR, Borings/Well IDs or Location Description:		Y	N (circled)	

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	X	G	P	N/A (circled)	G	P	N/A (circled)	G	P	N/A (circled)	Y	N	N/A (circled)		Y	N (circled)	
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 (circled)	Y	N	N/A (circled)	G	P	N/A (circled)	Y	N	Y	N	N/A (circled)		Y	N (circled)	

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).

Daniel Allen, BTS

Print or type Name of Field Personnel & Consultant Company

WELL GAUGING DATA

Project # 130802-GR2 Date 8/02/2013 Client Shell

Site 3790 Hopyard Rd., Pleasanton, 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
S-6	1232	3					14.97	34.13	↓	

SHELL WELL MONITORING DATA SHEET

BTS #: 130802-GR2	Site: 98995842
Sampler: GR	Date: 8/02/2013
Well I.D.: S-6	Well Diameter: 2 (3) 4 6 8 ___
Total Well Depth (TD): 34.13	Depth to Water (DTW): 14.97
Depth to Free Product:	Thickness of Free Product (feet):
Referenced to: (PVC) Grade	D.O. Meter (if req'd): YSI HACH
DTW with 80% Recharge [(Height of Water Column x 0.20) + DTW]: 18.80	

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

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

7.0 (Gals.) X	3	=	21.0 Gals.
1 Case Volume	Specified Volumes		Calculated Volume

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

Time	Temp (°F)	pH	Cond. (mS or (µS))	Turbidity (NTUs)	Gals. Removed	Observations
1240	73.3	6.68	2006	59	7.0	
1241		well	dewatered	(2)	10.0	
1255	74.5	6.68	2010	212	Grab	

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

Sampling Date: 8/02/2013 Sampling Time: 1255 Depth to Water: 18.75 (Short wait)

Sample I.D.: S-6 Laboratory: (Test America) Other ____

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

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

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

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

INCIDENT # 98995842

DATE: 8/02/2013

ADDRESS 3790 Hopyard Rd

CITY & STATE Pleasanton, 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
S-6	Standpipe	**(Flush)**	**(G)**	P	Size (inch) 8	**(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	
	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	X	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
3	**(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, BTS

Print or type Name of Field Personnel & Consultant Company

WELL GAUGING DATA

Project # 131108-1c4 Date 11-8-13 Client Shell

Site 3790 Hopyard Rd Pleasanton

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
S-5	0845	3					15.81	35.71		
S-6	0921	3					15.12	34.20		
S-7	0909	3					17.72	34.35		
S-8	0824	3					15.95	34.31		
S-9	0828	3					19.22	34.41		
S-9B	0831	4					47.09	59.20		
S-11	0900	2					17.91	24.81		
S12	0840	2					18.26	24.52		

SHELL WELL MONITORING DATA SHEET

BTS #: 121109-S01	Site: 9899 5942
Sampler: JD	Date: 11-9-13
Well I.D.: S-5	Well Diameter: 2 (3) 4 6 8 ___
Total Well Depth (TD): 35.71	Depth to Water (DTW): 15.81
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]: 19.79	

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

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

7.3 (Gals.) X	3	=	21.9 Gals.
1 Case Volume	Specified Volumes		Calculated Volume

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

Time	Temp (°F)	pH	Cond. (mS or (µS))	Turbidity (NTUs)	Gals. Removed	Observations
1240	65.4	7.12	1540	38	7.3	
		well dewatered		10 gallons		
1350	65.8	7.04	1533	32	—	

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

Sampling Date: 11-9-13 Sampling Time: 1350 Depth to Water: 15.97

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

SHELL WELL MONITORING DATA SHEET

BTS #: 131108-301	Site: 98995842
Sampler: JD	Date: 11-8-13
Well I.D.: S-6	Well Diameter: 2 (3) 4 6 8 ____
Total Well Depth (TD): 34.20	Depth to Water (DTW): 15.12
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]: 18.93	

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

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

7.0 (Gals.) X 3 = 21.0 Gals.
1 Case Volume · Specified Volumes · Calculated Volume

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

Time	Temp (°F)	pH	Cond. (mS or (µS))	Turbidity (NTUs)	Gals. Removed	Observations
0915	65.2	6.81	2009	37	7.0	
			well dewatered 10. gallons			
1100	65.7	6.74	2014	39	—	

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

Sampling Date: 11-8-13 Sampling Time: 1100 Depth to Water: 15.99

Sample I.D.: S-6 Laboratory: (Test America) Other____

Analyzed for: TPH-G BTEX MTBE TPH-D Oxygenates (5) Other: 500.0C

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

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

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

SHELL WELL MONITORING DATA SHEET

BTS #: 131109-SO	Site: 9899 5842
Sampler: JD	Date: 11-8-13
Well I.D.: S-7	Well Diameter: 2 (3) 4 6 8 ___
Total Well Depth (TD): 34.35	Depth to Water (DTW): 17.72
Depth to Free Product: —	Thickness of Free Product (feet): —
Referenced to: (PVC) Grade	D.O. Meter (if req'd): YSI HACH
DTW with 80% Recharge [(Height of Water Column x 0.20) + DTW]: 21.04	

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: _____

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

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

Time	Temp (°F)	pH	Cond. (mS or (µS))	Turbidity (NTUs)	Gals. Removed	Observations
0945	65.3	6.71	2524	121	6.1	
		well dewatered @ 9.0 gallons				
1045	65.7	6.69	2510	136	—	

Did well dewater? Yes No Gallons actually evacuated: 9.0

Sampling Date: 11-8-13 Sampling Time: 1045 Depth to Water: 17.80

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

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

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

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

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

SHELL WELL MONITORING DATA SHEET

BTS #: 131108-501	Site: 98995842
Sampler: JD	Date: 11-8-13
Well I.D.: S-8	Well Diameter: 2 (3) 4 6 8 ___
Total Well Depth (TD): 34.31	Depth to Water (DTW): 15.95
Depth to Free Product: —	Thickness of Free Product (feet): —
Referenced to: (PVC) Grade	D.O. Meter (if req'd): YSI HACH
DTW with 80% Recharge [(Height of Water Column x 0.20) + DTW]: 19.62	

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 Case Volume		Specified Volumes		Calculated Volume
6.8 (Gals.)	X	3	=	20.4 Gals.

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
1115	64.6	6.63	2129	54	6.8	
		well	dewatered @	10 gallons		
1320	65.1	6.67	2137	39	—	

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

Sampling Date: 11-8-13 Sampling Time: 1320 Depth to Water: 16.00

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

SHELL WELL MONITORING DATA SHEET

BTS #: 13408-J01	Site: 9399504Z
Sampler: b	Date: 11-8-13
Well I.D.: S-9	Well Diameter: 2 (3) 4 6 8 ___
Total Well Depth (TD): 34.41	Depth to Water (DTW): 19.22
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]: 22.25	

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: _____

5.6 (Gals.) X 3 = 16.8 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
1130	65.4	6.63	2473	164	5.6	
		Well	dewatered	@ 8.0 gallons		
1330	65.7	6.68	2439	38	—	

Did well dewater? (Yes) No Gallons actually evacuated: 8.0

Sampling Date: 11-8-13 Sampling Time: 1330 Depth to Water: 19.74

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

SHELL WELL MONITORING DATA SHEET

BTS #: 131108-S01	Site: 9899582
Sampler: JD	Date: 11-8-13
Well I.D.: S-9B	Well Diameter: 2 3 (4) 6 8 ___
Total Well Depth (TD): 59.20	Depth to Water (DTW): 47.09
Depth to Free Product: —	Thickness of Free Product (feet): —
Referenced to: (PVC) Grade	D.O. Meter (if req'd): YSI HACH
DTW with 80% Recharge [(Height of Water Column x 0.20) + DTW]: 49.51	

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: ____

7.8 (Gals.) X	3	=	23.4 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 (uS))	Turbidity (NTUs)	Gals. Removed	Observations
1145	65.3	7.26	2924	53	7.8	
	well dewatered @ 10 gallons					
1340	65.9	7.16	2829	44	—	

Did well dewater? Yes No Gallons actually evacuated: 10.0

Sampling Date: 11-8-13 Sampling Time: 1340 Depth to Water: 49.50

Sample I.D.: S-9B 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:	mg/L
O.R.P. (if req'd):	Pre-purge:	mV	Post-purge:	mV

SHELL WELL MONITORING DATA SHEET

BTS #: 131108-J6	Site: 9899582
Sampler: JD	Date: 11-8-13
Well I.D.: S-11	Well Diameter: (2) 3 4 6 8 ___
Total Well Depth (TD): 24.81	Depth to Water (DTW): 17.91
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]: 19.29	

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:_____

1.1 (Gals.) X	3	=	3.1 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
0900	65.6	6.73	3001	56	1.1	
0902	65.7	6.74	2997	71	2.2	
0904	65.8	6.76	2997	77	3.3	

Did well dewater? Yes (No) Gallons actually evacuated: 3.3

Sampling Date: 11-8-13 Sampling Time: 1000 Depth to Water: 18.77

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

SHELL WELL MONITORING DATA SHEET

BTS #: 131109-101	Site: 9899842
Sampler: SJ	Date: 12-8-13
Well I.D.: S-12	Well Diameter: (2) 3 4 6 8 ___
Total Well Depth (TD): 24.52	Depth to Water (DTW): 18.26
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: ___

1.0 (Gals.) X 3 = 3.0 Gals.
1 Case Volume · Specified Volumes · Calculated Volume

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

Time	Temp (°F)	pH	Cond. (mS or (µS))	Turbidity (NTUs)	Gals. Removed	Observations
1215	65.8	6.68	2712	829	1.0	
1217	65.9	6.77	2694	924	2.0	
1219	65.9	6.73	2691	976	3.0	

Did well dewater? Yes (No) Gallons actually evacuated: 3.0

Sampling Date: 12-8-13 Sampling Time: 1225 Depth to Water: 19.93

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

ENVIRONMENTAL WELL, REMEDIATION COMPOUND, AND SITE INSPECTION FORM

INCIDENT # 98S9 50542

ADDRESS ~~Pleasanton~~ 3790 Hopyard Rd

DATE: 11-8-13

CITY & STATE Pleasanton 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
S-5	Standpipe	Flush	G	P	Size (inch) 12	Y	N	G	R	G	R	NL	G	P		Y	N	
S-6	Standpipe	Flush	G	P	Size (inch) 8	Y	N	G	R	G	R	NL	G	P		Y	N	
S-7	Standpipe	Flush	G	P	Size (inch) 8	Y	N	G	R	G	R	NL	G	P		Y	N	
S-8	Standpipe	Flush	G	P	Size (inch) 8	Y	N	G	R	G	R	NL	G	P		Y	N	
S-9	Standpipe	Flush	G	P	Size (inch) 12	Y	N	G	R	G	R	NL	G	P		Y	N	
S-9B	Standpipe	Flush	G	P	Size (inch) 12	Y	N	G	R	G	R	NL	G	P		Y	N	
S-11	Standpipe	Flush	G	P	Size (inch) 8	Y	N	G	R	G	R	NL	G	P		Y	N	
S-12	Standpipe	Flush	G	P	Size (inch) 12	Y	N	G	R	G	R	NL	G	P		Y	N	
	Standpipe	Flush	G	P	Size (inch)	Y	N	G	R	G	R	NL	G	P		Y	N	
	Standpipe	Flush	G	P	Size (inch)	Y	N	G	R	G	R	NL	G	P		Y	N	
	Standpipe	Flush	G	P	Size (inch)	Y	N	G	R	G	R	NL	G	P		Y	N	
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	
			N/A				

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																	
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

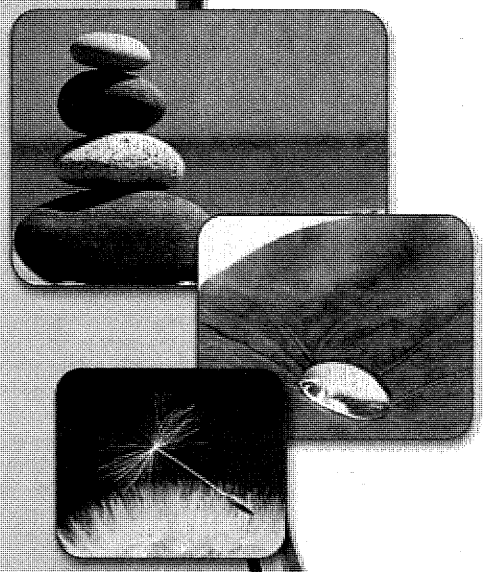
All environmental wells and the remediation compound were in good condition, locked, and secured upon my departure (unless otherwise noted above).

Jose Ortiz, Blaine Tech Services

Print or type Name of Field Personnel & Consultant Company

APPENDIX B

TESTAMERICA LABORATORIES, INC. – ANALYTICAL REPORTS



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: 440-44825-1
Client Project/Site: 3790 Hopyard Rd., Pleasanton

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

Attn: Peter Schaefer

Philip Sanelle

Authorized for release by:
5/3/2013 1:49:24 PM

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

Table of Contents

Sample Summary

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 3790 Hopyard Rd., Pleasanton

TestAmerica Job ID: 440-44825-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
440-44825-1	S-6	Ground Water	04/23/13 11:50	04/26/13 09:50

Job ID: 440-44825-1

Laboratory: TestAmerica Irvine

Narrative

Job Narrative
440-44825-1

Comments
No additional comments.

Receipt
The sample was received on 4/26/2013 9:50 AM; the sample arrived in good condition, properly preserved and, where required, on ice.
The temperature of the cooler at receipt was 3.6° C.

GC/MS VOA
No analytical or quality issues were noted.

VOA Prep
No analytical or quality issues were noted.

Client Sample ID: S-6

Date Collected: 04/23/13 11:50
Date Received: 04/26/13 09:50

Lab Sample ID: 440-44825-1

Matrix: Ground 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)	**780**		130		ug/L			05/01/13 14:33	2.5

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Dibromofluoromethane (Surr)	*110*		*80 - 120*		*05/01/13 14:33*	*2.5*
4-Bromofluorobenzene (Surr)	*113*		*80 - 120*		*05/01/13 14:33*	*2.5*
Toluene-d8 (Surr)	*113*		*80 - 120*		*05/01/13 14:33*	*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			05/01/13 14:33	2.5
Toluene	ND		1.3		ug/L			05/01/13 14:33	2.5
Ethylbenzene	ND		1.3		ug/L			05/01/13 14:33	2.5
Xylenes, Total	ND		2.5		ug/L			05/01/13 14:33	2.5
Methyl-t-Butyl Ether (MTBE)	**3.9**		1.3		ug/L			05/01/13 14:33	2.5
tert-Butyl alcohol (TBA)	**1500**		25		ug/L			05/01/13 14:33	2.5
Ethanol	ND		380		ug/L			05/01/13 14:33	2.5

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*113*		*80 - 120*		*05/01/13 14:33*	*2.5*
Dibromofluoromethane (Surr)	*110*		*80 - 120*		*05/01/13 14:33*	*2.5*
Toluene-d8 (Surr)	*113*		*80 - 120*		*05/01/13 14:33*	*2.5*

Method Summary

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 3790 Hopyard Rd., Pleasanton

TestAmerica Job ID: 440-44825-1

Method	Method Description	Protocol	Laboratory
8260B	Volatile Organic Compounds (GC/MS)	SW846	TAL IRV
8260B/CA_LUFTMS	Volatile Organic Compounds by GC/MS	SW846	TAL IRV

Protocol References:

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

Laboratory References:

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

Lab Chronicle

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 3790 Hopyard Rd., Pleasanton

TestAmerica Job ID: 440-44825-1

Client Sample ID: S-6
Date Collected: 04/23/13 11:50
Date Received: 04/26/13 09:50

Lab Sample ID: 440-44825-1
Matrix: Ground 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	101526	05/01/13 14:33	MR	TAL IRV
Total/NA	Analysis	8260B/CA_LUFTMS		2.5	10 mL	10 mL	101546	05/01/13 14:33	MR	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 440-101526/5
Matrix: Water
Analysis Batch: 101526

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			05/01/13 10:28	1
Toluene	ND		0.50		ug/L			05/01/13 10:28	1
Ethylbenzene	ND		0.50		ug/L			05/01/13 10:28	1
Xylenes, Total	ND		1.0		ug/L			05/01/13 10:28	1
Methyl-t-Butyl Ether (MTBE)	ND		0.50		ug/L			05/01/13 10:28	1
tert-Butyl alcohol (TBA)	ND		10		ug/L			05/01/13 10:28	1
Ethanol	ND		150		ug/L			05/01/13 10:28	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*111*		*80 - 120*		*05/01/13 10:28*	*1*
Dibromofluoromethane (Surr)	*109*		*80 - 120*		*05/01/13 10:28*	*1*
Toluene-d8 (Surr)	*111*		*80 - 120*		*05/01/13 10:28*	*1*

Lab Sample ID: LCS 440-101526/6
Matrix: Water
Analysis Batch: 101526

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	25.2		ug/L		101	70 - 120
Toluene	25.0	26.6		ug/L		106	70 - 120
Ethylbenzene	25.0	26.6		ug/L		106	75 - 125
Methyl-t-Butyl Ether (MTBE)	25.0	23.0		ug/L		92	60 - 135
tert-Butyl alcohol (TBA)	125	116		ug/L		93	70 - 135
Ethanol	250	234		ug/L		93	40 - 155
m,p-Xylene	50.0	53.9		ug/L		108	75 - 125
o-Xylene	25.0	28.0		ug/L		112	75 - 125

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*112*		*80 - 120*
Dibromofluoromethane (Surr)	*109*		*80 - 120*
Toluene-d8 (Surr)	*113*		*80 - 120*

Lab Sample ID: 440-44802-E-2 MS
Matrix: Water
Analysis Batch: 101526

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
Toluene	ND		25.0	27.9		ug/L		111	70 - 125
Ethylbenzene	ND		25.0	25.7		ug/L		103	65 - 130
Methyl-t-Butyl Ether (MTBE)	ND		25.0	24.0		ug/L		96	55 - 145
tert-Butyl alcohol (TBA)	ND		125	128		ug/L		102	65 - 140
Ethanol	ND		250	256		ug/L		103	40 - 155
m,p-Xylene	ND		50.0	52.9		ug/L		106	65 - 130
o-Xylene	ND		25.0	27.0		ug/L		108	65 - 125

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

Lab Sample ID: 440-44802-E-2 MS
Matrix: Water
Analysis Batch: 101526

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

Surrogate	MS %Recovery	MS Qualifier	Limits
4-Bromofluorobenzene (Surr)	*109*		*80 - 120*
Dibromofluoromethane (Surr)	*114*		*80 - 120*
Toluene-d8 (Surr)	*116*		*80 - 120*

Lab Sample ID: 440-44802-E-2 MSD
Matrix: Water
Analysis Batch: 101526

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	24.8		ug/L		99	65 - 125	4	20
Toluene	ND		25.0	27.3		ug/L		109	70 - 125	2	20
Ethylbenzene	ND		25.0	25.8		ug/L		103	65 - 130	0	20
Methyl-t-Butyl Ether (MTBE)	ND		25.0	25.4		ug/L		101	55 - 145	6	25
tert-Butyl alcohol (TBA)	ND		125	123		ug/L		98	65 - 140	4	25
Ethanol	ND		250	242		ug/L		97	40 - 155	6	30
m,p-Xylene	ND		50.0	52.5		ug/L		105	65 - 130	1	25
o-Xylene	ND		25.0	27.6		ug/L		110	65 - 125	2	20

Surrogate	MSD %Recovery	MSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	*112*		*80 - 120*
Dibromofluoromethane (Surr)	*111*		*80 - 120*
Toluene-d8 (Surr)	*114*		*80 - 120*

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

Lab Sample ID: MB 440-101546/5
Matrix: Water
Analysis Batch: 101546

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			05/01/13 10:28	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
Dibromofluoromethane (Surr)	*109*		*80 - 120*		*05/01/13 10:28*	*1*
4-Bromofluorobenzene (Surr)	*111*		*80 - 120*		*05/01/13 10:28*	*1*
Toluene-d8 (Surr)	*111*		*80 - 120*		*05/01/13 10:28*	*1*

Lab Sample ID: LCS 440-101546/7
Matrix: Water
Analysis Batch: 101546

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	487		ug/L		97	55 - 130		

Surrogate	LCS %Recovery	LCS Qualifier	Limits
Dibromofluoromethane (Surr)	*113*		*80 - 120*

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

Lab Sample ID: LCS 440-101546/7
Matrix: Water
Analysis Batch: 101546

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

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*115*		*80 - 120*
Toluene-d8 (Surr)	*116*		*80 - 120*

Lab Sample ID: 440-44802-E-2 MS
Matrix: Water
Analysis Batch: 101546

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	1110		ug/L		65	50 - 145

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
Dibromofluoromethane (Surr)	*114*		*80 - 120*
4-Bromofluorobenzene (Surr)	*109*		*80 - 120*
Toluene-d8 (Surr)	*116*		*80 - 120*

Lab Sample ID: 440-44802-E-2 MSD
Matrix: Water
Analysis Batch: 101546

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	1150		ug/L		66	50 - 145	3	20

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
Dibromofluoromethane (Surr)	*111*		*80 - 120*
4-Bromofluorobenzene (Surr)	*112*		*80 - 120*
Toluene-d8 (Surr)	*114*		*80 - 120*

QC Association Summary

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 3790 Hopyard Rd., Pleasanton

TestAmerica Job ID: 440-44825-1

GC/MS VOA

Analysis Batch: 101526

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
440-44802-E-2 MS	Matrix Spike	Total/NA	Water	8260B	
440-44802-E-2 MSD	Matrix Spike Duplicate	Total/NA	Water	8260B	
440-44825-1	S-6	Total/NA	Ground Water	8260B	
LCS 440-101526/6	Lab Control Sample	Total/NA	Water	8260B	
MB 440-101526/5	Method Blank	Total/NA	Water	8260B	

Analysis Batch: 101546

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
440-44802-E-2 MS	Matrix Spike	Total/NA	Water	8260B/CA_LUFT MS	
440-44802-E-2 MSD	Matrix Spike Duplicate	Total/NA	Water	8260B/CA_LUFT MS	
440-44825-1	S-6	Total/NA	Ground Water	8260B/CA_LUFT MS	
LCS 440-101546/7	Lab Control Sample	Total/NA	Water	8260B/CA_LUFT MS	
MB 440-101546/5	Method Blank	Total/NA	Water	8260B/CA_LUFT MS	

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
DER	Duplicate error ratio (normalized absolute difference)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision level concentration
MDA	Minimum detectable activity
EDL	Estimated Detection Limit
MDC	Minimum detectable concentration
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
RER	Relative error ratio
RL	Reporting Limit or Requested Limit (Radiochemistry)
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: 3790 Hopyard Rd., Pleasanton

TestAmerica Job ID: 440-44825-1

Laboratory: TestAmerica Irvine

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

Authority	Program	EPA Region	Certification ID	Expiration Date
Alaska	State Program	10	CA01531	06-30-13
Arizona	State Program	9	AZ0671	10-13-13
California	LA Cty Sanitation Districts	9	10256	01-31-14
California	NELAP	9	1108CA	01-31-14
California	State Program	9	2706	06-30-14
Guam	State Program	9	Cert. No. 12.002r	03-28-13 *
Hawaii	State Program	9	N/A	01-31-14
Nevada	State Program	9	CA015312007A	07-31-13
Northern Mariana Islands	State Program	9	MP0002	01-31-14
Oregon	NELAP	10	4005	09-12-13
USDA	Federal		P330-09-00080	06-06-14
USEPA UCMR	Federal	1	CA01531	01-31-15

* Expired certification is currently pending renewal and is considered valid.

Shell Oil Products Chain Of Custody Record

#440-44825

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: 200497 Peter Schaefer

INCIDENT # (ENV SERVICES): 9 8 9 9 5 8 4 2 ☐ CHECK IF NO INCIDENT # APPLIES

PO #

SAP #: 1 3 5 7 8 4

DATE: 4/23/13

PAGE: 1 of 1

SAMPLING COMPANY: Blaine Tech Services

LOG CODE: BTSS

ADDRESS: 1680 Rogers Avenue, San Jose, CA

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

TELEPHONE: (310) 885-4455 x 108

FAX: (310) 637-5802

E-MAIL: lking@blainetech.com

SITE ADDRESS: Street and City: 3790 Hopyard Rd., Pleasanton

State: CA

GLOBAL ID NO.: T0600101267

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.: 200497-95-12.02

SAMPLER NAME(S) (Print): Daniel Allen

LAB USE ONLY

TURNAROUND TIME (CALENDAR DAYS):

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

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

SPECIAL INSTRUCTIONS OR NOTES:

1) Please upload the "CRA EQuIS 4-file EDD" to the CRA Website (http://cralabeddupload.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

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

REQUESTED ANALYSIS

TEMPERATURE ON RECEIPT, °C: 3.4/2.6

LAB USE ONLY	PROJECT NUMBER	DATE (MMDDYY)	SAMPLER INITIALS	WELL ID	TIME	MATRIX	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)	Container PID Readings or Laboratory Notes
WG	13642313DA	042313	DA	SG	1150	WG	X					5	X				X						X		

Relinquished by: (Signature)		Received by: (Signature)	Date	Time
[signature]		[signature]	4/23/13	1650
[signature]	Sample Custodian BTS 1025	[signature] (TASF)	4/25/11	1025
[signature]	TASF	[signature]	04/25/11	1135
		[signature]	4/26/13	9:50

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5/3/2013

Login Sample Receipt Checklist

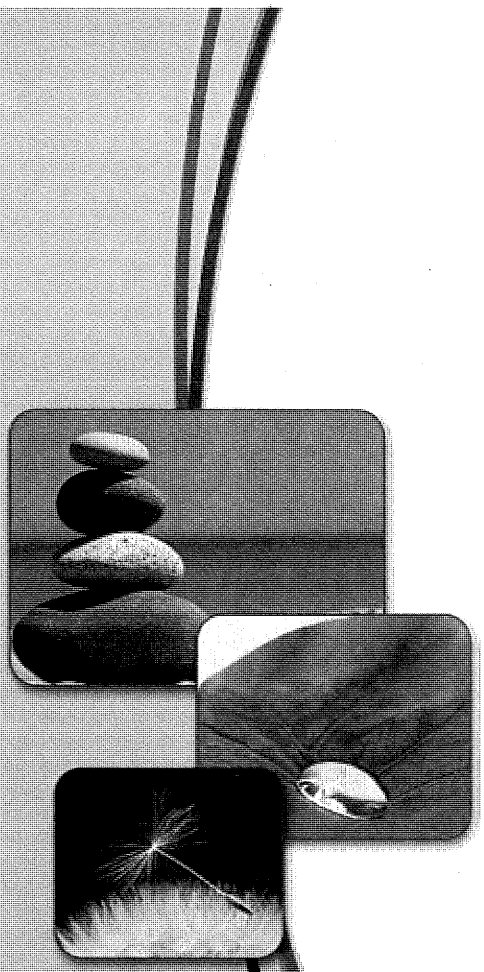
Client: Conestoga-Rovers & Associates, Inc.

Job Number: 440-44825-1

Login Number: 44825
List Number: 1
Creator: Avila, Stephanie

List Source: TestAmerica Irvine

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



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: 440-53730-1
Client Project/Site: 3790 Hopyard Rd., Pleasanton

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

Attn: Peter Schaefer

Authorized for release by:
8/19/2013 2:46:37 PM

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

Table of Contents

Sample Summary

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 3790 Hopyard Rd., Pleasanton

TestAmerica Job ID: 440-53730-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
440-53730-1	S-6	Ground Water	08/02/13 12:55	08/06/13 09:45

Job ID: 440-53730-1

Laboratory: TestAmerica Irvine

Narrative

Job Narrative
440-53730-1

Comments
No additional comments.

Receipt
The samples were received on 8/6/2013 9:45 AM; the samples arrived in good condition, properly preserved and, where required, on ice. The temperatures of the 4 coolers at receipt time were 0.0° C, 0.4° C, 1.0° C and 2.5° C.

GC/MS VOA
No analytical or quality issues were noted.

VOA Prep
No analytical or quality issues were noted.

Client Sample ID: S-6

Date Collected: 08/02/13 12:55
Date Received: 08/06/13 09:45

Lab Sample ID: 440-53730-1

Matrix: Ground 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)	**890**		200		ug/L			08/16/13 05:38	4

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Dibromofluoromethane (Surr)	*100*		*80 - 120*		*08/16/13 05:38*	*4*
4-Bromofluorobenzene (Surr)	*102*		*80 - 120*		*08/16/13 05:38*	*4*
Toluene-d8 (Surr)	*113*		*80 - 120*		*08/16/13 05:38*	*4*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		2.0		ug/L			08/16/13 05:38	4
Toluene	ND		2.0		ug/L			08/16/13 05:38	4
Ethylbenzene	ND		2.0		ug/L			08/16/13 05:38	4
Xylenes, Total	ND		4.0		ug/L			08/16/13 05:38	4
Methyl-t-Butyl Ether (MTBE)	**4.4**		2.0		ug/L			08/16/13 05:38	4
tert-Butyl alcohol (TBA)	**1600**		40		ug/L			08/16/13 05:38	4
Ethanol	ND		600		ug/L			08/16/13 05:38	4

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*102*		*80 - 120*		*08/16/13 05:38*	*4*
Dibromofluoromethane (Surr)	*100*		*80 - 120*		*08/16/13 05:38*	*4*
Toluene-d8 (Surr)	*113*		*80 - 120*		*08/16/13 05:38*	*4*

Method Summary

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 3790 Hopyard Rd., Pleasanton

TestAmerica Job ID: 440-53730-1

Method	Method Description	Protocol	Laboratory
8260B	Volatile Organic Compounds (GC/MS)	SW846	TAL IRV
8260B/CA_LUFTMS	Volatile Organic Compounds by GC/MS	SW846	TAL IRV

Protocol References:

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

Laboratory References:

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

Lab Chronicle

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 3790 Hopyard Rd., Pleasanton

TestAmerica Job ID: 440-53730-1

Client Sample ID: S-6
Date Collected: 08/02/13 12:55
Date Received: 08/06/13 09:45

Lab Sample ID: 440-53730-1
Matrix: Ground 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	124858	08/16/13 05:38	MR	TAL IRV
Total/NA	Analysis	8260B/CA_LUFTMS		4	10 mL	10 mL	124859	08/16/13 05:38	MR	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 440-124858/5
Matrix: Water
Analysis Batch: 124858

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			08/15/13 20:33	1
Toluene	ND		0.50		ug/L			08/15/13 20:33	1
Ethylbenzene	ND		0.50		ug/L			08/15/13 20:33	1
Xylenes, Total	ND		1.0		ug/L			08/15/13 20:33	1
Methyl-t-Butyl Ether (MTBE)	ND		0.50		ug/L			08/15/13 20:33	1
tert-Butyl alcohol (TBA)	ND		10		ug/L			08/15/13 20:33	1
Ethanol	ND		150		ug/L			08/15/13 20:33	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*102*		*80 - 120*		*08/15/13 20:33*	*1*
Dibromofluoromethane (Surr)	*97*		*80 - 120*		*08/15/13 20:33*	*1*
Toluene-d8 (Surr)	*113*		*80 - 120*		*08/15/13 20:33*	*1*

Lab Sample ID: LCS 440-124858/6
Matrix: Water
Analysis Batch: 124858

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	27.1		ug/L		109	68 - 130
Toluene	25.0	27.3		ug/L		109	70 - 130
Ethylbenzene	25.0	28.5		ug/L		114	70 - 130
Methyl-t-Butyl Ether (MTBE)	25.0	26.1		ug/L		104	63 - 131
tert-Butyl alcohol (TBA)	125	138		ug/L		110	70 - 130
Ethanol	250	308		ug/L		123	50 - 149
m,p-Xylene	50.0	59.8		ug/L		120	70 - 130
o-Xylene	25.0	30.8		ug/L		123	70 - 130

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*109*		*80 - 120*
Dibromofluoromethane (Surr)	*102*		*80 - 120*
Toluene-d8 (Surr)	*111*		*80 - 120*

Lab Sample ID: 440-54484-B-1 MS
Matrix: Water
Analysis Batch: 124858

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	26.9		ug/L		108	66 - 130
Toluene	ND		25.0	28.4		ug/L		114	70 - 130
Ethylbenzene	ND		25.0	27.7		ug/L		111	70 - 130
Methyl-t-Butyl Ether (MTBE)	ND		25.0	26.2		ug/L		105	70 - 130
tert-Butyl alcohol (TBA)	ND		125	135		ug/L		108	70 - 130
Ethanol	ND		250	282		ug/L		113	54 - 150
m,p-Xylene	ND		50.0	57.8		ug/L		116	70 - 133
o-Xylene	ND		25.0	29.2		ug/L		117	70 - 133

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

Lab Sample ID: 440-54484-B-1 MS
Matrix: Water
Analysis Batch: 124858

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

Surrogate	MS %Recovery	MS Qualifier	Limits
4-Bromofluorobenzene (Surr)	*103*		*80 - 120*
Dibromofluoromethane (Surr)	*99*		*80 - 120*
Toluene-d8 (Surr)	*113*		*80 - 120*

Lab Sample ID: 440-54484-B-1 MSD
Matrix: Water
Analysis Batch: 124858

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	28.4		ug/L		114	66 - 130	6	20
Toluene	ND		25.0	29.1		ug/L		116	70 - 130	2	20
Ethylbenzene	ND		25.0	27.1		ug/L		108	70 - 130	2	20
Methyl-t-Butyl Ether (MTBE)	ND		25.0	27.7		ug/L		111	70 - 130	6	25
tert-Butyl alcohol (TBA)	ND		125	135		ug/L		108	70 - 130	0	25
Ethanol	ND		250	283		ug/L		113	54 - 150	0	30
m,p-Xylene	ND		50.0	57.6		ug/L		115	70 - 133	0	25
o-Xylene	ND		25.0	29.6		ug/L		118	70 - 133	1	20

Surrogate	MSD %Recovery	MSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	*103*		*80 - 120*
Dibromofluoromethane (Surr)	*99*		*80 - 120*
Toluene-d8 (Surr)	*114*		*80 - 120*

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

Lab Sample ID: MB 440-124859/5
Matrix: Water
Analysis Batch: 124859

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			08/15/13 20:33	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
Dibromofluoromethane (Surr)	*97*		*80 - 120*		*08/15/13 20:33*	*1*
4-Bromofluorobenzene (Surr)	*102*		*80 - 120*		*08/15/13 20:33*	*1*
Toluene-d8 (Surr)	*113*		*80 - 120*		*08/15/13 20:33*	*1*

Lab Sample ID: LCS 440-124859/7
Matrix: Water
Analysis Batch: 124859

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	515		ug/L		103	55 - 130

Surrogate	LCS %Recovery	LCS Qualifier	Limits
Dibromofluoromethane (Surr)	*99*		*80 - 120*

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

Lab Sample ID: LCS 440-124859/7
Matrix: Water
Analysis Batch: 124859

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

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*107*		*80 - 120*
Toluene-d8 (Surr)	*111*		*80 - 120*

Lab Sample ID: 440-54484-B-1 MS
Matrix: Water
Analysis Batch: 124859

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	1380		ug/L		78	50 - 145

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
Dibromofluoromethane (Surr)	*99*		*80 - 120*
4-Bromofluorobenzene (Surr)	*103*		*80 - 120*
Toluene-d8 (Surr)	*113*		*80 - 120*

Lab Sample ID: 440-54484-B-1 MSD
Matrix: Water
Analysis Batch: 124859

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	1550		ug/L		88	50 - 145	12	20

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
Dibromofluoromethane (Surr)	*99*		*80 - 120*
4-Bromofluorobenzene (Surr)	*103*		*80 - 120*
Toluene-d8 (Surr)	*114*		*80 - 120*

QC Association Summary

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 3790 Hopyard Rd., Pleasanton

TestAmerica Job ID: 440-53730-1

GC/MS VOA

Analysis Batch: 124858

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
440-53730-1	S-6	Total/NA	Ground Water	8260B	
440-54484-B-1 MS	Matrix Spike	Total/NA	Water	8260B	
440-54484-B-1 MSD	Matrix Spike Duplicate	Total/NA	Water	8260B	
LCS 440-124858/6	Lab Control Sample	Total/NA	Water	8260B	
MB 440-124858/5	Method Blank	Total/NA	Water	8260B	

Analysis Batch: 124859

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
440-53730-1	S-6	Total/NA	Ground Water	8260B/CA_LUFT MS	
440-54484-B-1 MS	Matrix Spike	Total/NA	Water	8260B/CA_LUFT MS	
440-54484-B-1 MSD	Matrix Spike Duplicate	Total/NA	Water	8260B/CA_LUFT MS	
LCS 440-124859/7	Lab Control Sample	Total/NA	Water	8260B/CA_LUFT MS	
MB 440-124859/5	Method Blank	Total/NA	Water	8260B/CA_LUFT MS	

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
DER	Duplicate error ratio (normalized absolute difference)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision level concentration
MDA	Minimum detectable activity
EDL	Estimated Detection Limit
MDC	Minimum detectable concentration
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
NC	Not Calculated
ND	Not detected at the reporting limit (or MDL or EDL if shown)
PQL	Practical Quantitation Limit
QC	Quality Control
RER	Relative error ratio
RL	Reporting Limit or Requested Limit (Radiochemistry)
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: 3790 Hopyard Rd., Pleasanton

TestAmerica Job ID: 440-53730-1

Laboratory: TestAmerica Irvine

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

Authority	Program	EPA Region	Certification ID	Expiration Date
Alaska	State Program	10	CA01531	06-30-14
Arizona	State Program	9	AZ0671	10-13-13
California	LA Cty Sanitation Districts	9	10256	01-31-14
California	NELAP	9	1108CA	01-31-14
California	State Program	9	2706	06-30-14
Guam	State Program	9	Cert. No. 12.002r	01-28-14 *
Hawaii	State Program	9	N/A	01-31-14
Nevada	State Program	9	CA015312007A	07-31-14
New Mexico	State Program	6	N/A	01-31-14
Northern Mariana Islands	State Program	9	MP0002	01-31-14
Oregon	NELAP	10	4005	09-12-13
USDA	Federal		P330-09-00080	06-06-14
USEPA UCMR	Federal	1	CA01531	01-31-15

* Expired certification is currently pending renewal and is considered valid.

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: 200497 Peter Schaefer
PO #
INCIDENT # (ENV SERVICES): 9 8 9 9 5 8 4 2
SAP #: 1 3 5 7 8 4
☐ CHECK IF NO INCIDENT # APPLIES
DATE: 8/02/2013
PAGE: 1 of 1

SAMPLING COMPANY: Blaine Tech Services
LOG CODE: BTSS
SITE ADDRESS: Street and City: 3790 Hopyard Rd., Pleasanton
State: CA
GLOBAL ID NO.: T0600101267
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.: 200497-95-12.02
PROJECT CONTACT (Hardcopy or PDF Report to): Lorin King
TELEPHONE: (310) 885-4455 x 108
FAX: (310) 637-5802
E-MAIL: lking@blainetech.com
SAMPLER NAME(S) (Print): Gregory Roberts
LAB USE ONLY: 440-53730

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)

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 (8016B)
15	WG	130802-GR2	080213	GR	S-6	1255	WG	X					3	X				X						X	

440-53730 Chain of Custody

TEMPERATURE ON RECEIPT, °C

Container PID Readings or Laboratory Notes

Relinquished by: (Signature)	Received by: (Signature)	Date: 8/02/2013	Time: 1620
Relinquished by: (Signature) (Sample Custodian)	Received by: (Signature) (Sample Custodian)	Date: 8/5/13	Time: 1045
Relinquished by: (Signature) BTS	Received by: (Signature)	Date: 8-5-13	Time: 11:30
Relinquished by: (Signature) 8/19/2013	Received by: (Signature)	Date: 8/6/13	Time: 945
Relinquished by: (Signature) 8/5/13 1508	Received by: (Signature)		

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Login Sample Receipt Checklist

Client: Conestoga-Rovers & Associates, Inc.

Job Number: 440-53730-1

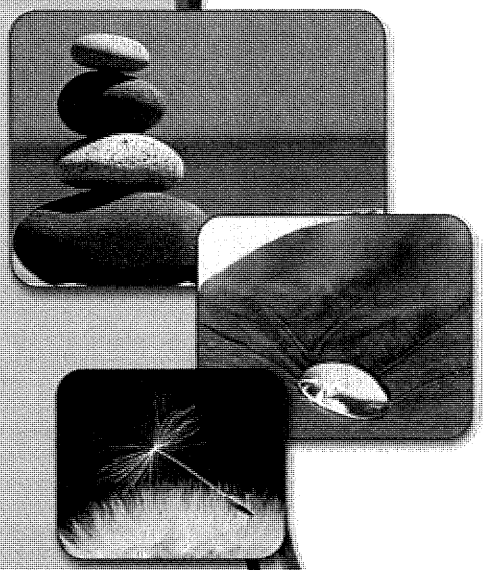
Login Number: 53730

List Source: TestAmerica Irvine

List Number: 1

Creator: Perez, Angel

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



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: 440-62047-1
Client Project/Site: 3790 Hopyard Rd., Pleasanton

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

Attn: Peter Schaefer

Philip Sanelle

Authorized for release by:
11/22/2013 2:57:17 PM

Philip Sanelle, Project Manager I
(949)261-1022
philip.sanelle@testamericainc.com

Table of Contents

Sample Summary

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 3790 Hopyard Rd., Pleasanton

TestAmerica Job ID: 440-62047-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
440-62047-1	S-5	Ground Water	11/08/13 13:50	11/09/13 10:45
440-62047-2	S-6	Ground Water	11/08/13 11:00	11/09/13 10:45
440-62047-3	S-7	Ground Water	11/08/13 10:45	11/09/13 10:45
440-62047-4	S-8	Ground Water	11/08/13 13:20	11/09/13 10:45
440-62047-5	S-9	Ground Water	11/08/13 13:30	11/09/13 10:45
440-62047-6	S-9B	Ground Water	11/08/13 13:40	11/09/13 10:45
440-62047-7	S-11	Ground Water	11/08/13 10:00	11/09/13 10:45
440-62047-8	S-12	Ground Water	11/08/13 12:25	11/09/13 10:45

Case Narrative

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 3790 Hopyard Rd., Pleasanton

TestAmerica Job ID: 440-62047-1

Job ID: 440-62047-1

Laboratory: TestAmerica Irvine

Narrative

Job Narrative
440-62047-1

Comments
No additional comments.

Receipt
The samples were received on 11/9/2013 10:45 AM; the samples arrived in good condition, properly preserved and, where required, on ice. The temperature of the cooler at receipt was 4.7° C.

GC/MS VOA
No analytical or quality issues were noted.

VOA Prep
No analytical or quality issues were noted.

Client Sample ID: S-5

Lab Sample ID: 440-62047-1

Date Collected: 11/08/13 13:50
Matrix: Ground Water
Date Received: 11/09/13 10:45

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methyl-t-Butyl Ether (MTBE)	**120**		0.50		ug/L			11/19/13 14:19	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Toluene-d8 (Surr)	*116*		*80 - 128*		*11/19/13 14:19*	*1*
4-Bromofluorobenzene (Surr)	*103*		*80 - 120*		*11/19/13 14:19*	*1*
Dibromofluoromethane (Surr)	*106*		*76 - 132*		*11/19/13 14:19*	*1*

Client Sample ID: S-6

Lab Sample ID: 440-62047-2

Date Collected: 11/08/13 11:00
Matrix: Ground Water
Date Received: 11/09/13 10:45

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**		200		ug/L			11/19/13 01:43	4

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Dibromofluoromethane (Surr)	*119*		*76 - 132*		*11/19/13 01:43*	*4*
4-Bromofluorobenzene (Surr)	*108*		*80 - 120*		*11/19/13 01:43*	*4*
Toluene-d8 (Surr)	*110*		*80 - 128*		*11/19/13 01:43*	*4*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		2.0		ug/L			11/19/13 01:43	4
Toluene	ND		2.0		ug/L			11/19/13 01:43	4
Ethylbenzene	ND		2.0		ug/L			11/19/13 01:43	4
Xylenes, Total	ND		4.0		ug/L			11/19/13 01:43	4
Methyl-t-Butyl Ether (MTBE)	**7.9**		2.0		ug/L			11/19/13 01:43	4
tert-Butyl alcohol (TBA)	**2500**		40		ug/L			11/19/13 01:43	4
Ethanol	ND		600		ug/L			11/19/13 01:43	4

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*108*		*80 - 120*		*11/19/13 01:43*	*4*
Dibromofluoromethane (Surr)	*119*		*76 - 132*		*11/19/13 01:43*	*4*
Toluene-d8 (Surr)	*110*		*80 - 128*		*11/19/13 01:43*	*4*

Client Sample ID: S-7

Lab Sample ID: 440-62047-3

Date Collected: 11/08/13 10:45
Matrix: Ground Water
Date Received: 11/09/13 10:45

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methyl-t-Butyl Ether (MTBE)	**1.1**		0.50		ug/L			11/19/13 14:50	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Toluene-d8 (Surr)	*116*		*80 - 128*		*11/19/13 14:50*	*1*
4-Bromofluorobenzene (Surr)	*96*		*80 - 120*		*11/19/13 14:50*	*1*
Dibromofluoromethane (Surr)	*112*		*76 - 132*		*11/19/13 14:50*	*1*

Client Sample ID: S-8

Lab Sample ID: 440-62047-4

Date Collected: 11/08/13 13:20
Matrix: Ground Water
Date Received: 11/09/13 10:45

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methyl-t-Butyl Ether (MTBE)	**2.2**		0.50		ug/L			11/19/13 15:22	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Toluene-d8 (Surr)	*117*		*80 - 128*		*11/19/13 15:22*	*1*
4-Bromofluorobenzene (Surr)	*98*		*80 - 120*		*11/19/13 15:22*	*1*
Dibromofluoromethane (Surr)	*116*		*76 - 132*		*11/19/13 15:22*	*1*

Client Sample ID: S-9

Lab Sample ID: 440-62047-5

Date Collected: 11/08/13 13:30
Matrix: Ground Water
Date Received: 11/09/13 10:45

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methyl-t-Butyl Ether (MTBE)	**6.5**		0.50		ug/L			11/19/13 15:53	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Toluene-d8 (Surr)	*118*		*80 - 128*		*11/19/13 15:53*	*1*
4-Bromofluorobenzene (Surr)	*99*		*80 - 120*		*11/19/13 15:53*	*1*
Dibromofluoromethane (Surr)	*114*		*76 - 132*		*11/19/13 15:53*	*1*

Client Sample ID: S-9B

Lab Sample ID: 440-62047-6

Date Collected: 11/08/13 13:40
Matrix: Ground Water
Date Received: 11/09/13 10:45

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methyl-t-Butyl Ether (MTBE)	ND		0.50		ug/L			11/19/13 23:05	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Toluene-d8 (Surr)	*103*		*80 - 128*		*11/19/13 23:05*	*1*
4-Bromofluorobenzene (Surr)	*101*		*80 - 120*		*11/19/13 23:05*	*1*
Dibromofluoromethane (Surr)	*101*		*76 - 132*		*11/19/13 23:05*	*1*

Client Sample ID: S-11

Lab Sample ID: 440-62047-7

Date Collected: 11/08/13 10:00
Matrix: Ground Water
Date Received: 11/09/13 10:45

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methyl-t-Butyl Ether (MTBE)	**6.9**		0.50		ug/L			11/20/13 01:47	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Toluene-d8 (Surr)	*105*		*80 - 128*		*11/20/13 01:47*	*1*
4-Bromofluorobenzene (Surr)	*99*		*80 - 120*		*11/20/13 01:47*	*1*
Dibromofluoromethane (Surr)	*100*		*76 - 132*		*11/20/13 01:47*	*1*

Client Sample ID: S-12
Date Collected: 11/08/13 12:25
Date Received: 11/09/13 10:45

Lab Sample ID: 440-62047-8
Matrix: Ground Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methyl-t-Butyl Ether (MTBE)	ND		0.50		ug/L			11/20/13 02:14	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Toluene-d8 (Surr)	*106*		*80 - 128*		*11/20/13 02:14*	*1*
4-Bromofluorobenzene (Surr)	*103*		*80 - 120*		*11/20/13 02:14*	*1*
Dibromofluoromethane (Surr)	*104*		*76 - 132*		*11/20/13 02:14*	*1*

Method Summary

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 3790 Hopyard Rd., Pleasanton

TestAmerica Job ID: 440-62047-1

Method	Method Description	Protocol	Laboratory
8260B	Volatile Organic Compounds (GC/MS)	SW846	TAL IRV
8260B/CA_LUFTMS	Volatile Organic Compounds by GC/MS	SW846	TAL IRV

Protocol References:

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

Laboratory References:

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

Lab Chronicle

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 3790 Hopyard Rd., Pleasanton

TestAmerica Job ID: 440-62047-1

Client Sample ID: S-5

Lab Sample ID: 440-62047-1

Date Collected: 11/08/13 13:50
Matrix: Ground Water
Date Received: 11/09/13 10:45

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	145318	11/19/13 14:19	MR	TAL IRV

Client Sample ID: S-6

Lab Sample ID: 440-62047-2

Date Collected: 11/08/13 11:00
Matrix: Ground Water
Date Received: 11/09/13 10:45

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	145213	11/19/13 01:43	LB	TAL IRV
Total/NA	Analysis	8260B/CA_LUFTMS		4	10 mL	10 mL	145214	11/19/13 01:43	LB	TAL IRV

Client Sample ID: S-7

Lab Sample ID: 440-62047-3

Date Collected: 11/08/13 10:45
Matrix: Ground Water
Date Received: 11/09/13 10:45

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	145318	11/19/13 14:50	MR	TAL IRV

Client Sample ID: S-8

Lab Sample ID: 440-62047-4

Date Collected: 11/08/13 13:20
Matrix: Ground Water
Date Received: 11/09/13 10:45

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	145318	11/19/13 15:22	MR	TAL IRV

Client Sample ID: S-9

Lab Sample ID: 440-62047-5

Date Collected: 11/08/13 13:30
Matrix: Ground Water
Date Received: 11/09/13 10:45

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	145318	11/19/13 15:53	MR	TAL IRV

Client Sample ID: S-9B

Lab Sample ID: 440-62047-6

Date Collected: 11/08/13 13:40
Matrix: Ground Water
Date Received: 11/09/13 10:45

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	145494	11/19/13 23:05	NA	TAL IRV

Lab Chronicle

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 3790 Hopyard Rd., Pleasanton

TestAmerica Job ID: 440-62047-1

Client Sample ID: S-11
Date Collected: 11/08/13 10:00
Date Received: 11/09/13 10:45

Lab Sample ID: 440-62047-7
Matrix: Ground 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	145494	11/20/13 01:47	NA	TAL IRV

Client Sample ID: S-12
Date Collected: 11/08/13 12:25
Date Received: 11/09/13 10:45

Lab Sample ID: 440-62047-8
Matrix: Ground 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	145494	11/20/13 02:14	NA	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 440-145213/4
Matrix: Water
Analysis Batch: 145213

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			11/18/13 20:15	1
Toluene	ND		0.50		ug/L			11/18/13 20:15	1
Ethylbenzene	ND		0.50		ug/L			11/18/13 20:15	1
Xylenes, Total	ND		1.0		ug/L			11/18/13 20:15	1
Methyl-t-Butyl Ether (MTBE)	ND		0.50		ug/L			11/18/13 20:15	1
tert-Butyl alcohol (TBA)	ND		10		ug/L			11/18/13 20:15	1
Ethanol	ND		150		ug/L			11/18/13 20:15	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*107*		*80 - 120*		*11/18/13 20:15*	*1*
Dibromofluoromethane (Surr)	*109*		*76 - 132*		*11/18/13 20:15*	*1*
Toluene-d8 (Surr)	*107*		*80 - 128*		*11/18/13 20:15*	*1*

Lab Sample ID: LCS 440-145213/5
Matrix: Water
Analysis Batch: 145213

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	24.8		ug/L		99	68 - 130
Toluene	25.0	25.1		ug/L		100	70 - 130
Ethylbenzene	25.0	26.0		ug/L		104	70 - 130
Methyl-t-Butyl Ether (MTBE)	25.0	25.9		ug/L		104	63 - 131
tert-Butyl alcohol (TBA)	125	135		ug/L		108	70 - 130
Ethanol	250	264		ug/L		106	50 - 149
m,p-Xylene	50.0	49.8		ug/L		100	70 - 130
o-Xylene	25.0	25.1		ug/L		101	70 - 130

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*105*		*80 - 120*
Dibromofluoromethane (Surr)	*115*		*76 - 132*
Toluene-d8 (Surr)	*109*		*80 - 128*

Lab Sample ID: 440-62044-A-8 MS
Matrix: Water
Analysis Batch: 145213

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	24.1		ug/L		97	66 - 130
Toluene	ND		25.0	24.6		ug/L		99	70 - 130
Ethylbenzene	ND		25.0	27.0		ug/L		108	70 - 130
Methyl-t-Butyl Ether (MTBE)	6.0		25.0	30.8		ug/L		99	70 - 130
tert-Butyl alcohol (TBA)	ND		125	132		ug/L		106	70 - 130
Ethanol	ND		250	260		ug/L		104	54 - 150
m,p-Xylene	ND		50.0	52.5		ug/L		105	70 - 133
o-Xylene	ND		25.0	25.9		ug/L		104	70 - 133

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

Lab Sample ID: 440-62044-A-8 MS
Matrix: Water
Analysis Batch: 145213

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

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*111*		*80 - 120*
Dibromofluoromethane (Surr)	*113*		*76 - 132*
Toluene-d8 (Surr)	*107*		*80 - 128*

Lab Sample ID: 440-62044-A-8 MSD
Matrix: Water
Analysis Batch: 145213

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	24.3		ug/L		97	66 - 130	1	20
Toluene	ND		25.0	24.8		ug/L		99	70 - 130	0	20
Ethylbenzene	ND		25.0	27.1		ug/L		108	70 - 130	0	20
Methyl-t-Butyl Ether (MTBE)	6.0		25.0	33.8		ug/L		111	70 - 130	9	25
tert-Butyl alcohol (TBA)	ND		125	132		ug/L		106	70 - 130	0	25
Ethanol	ND		250	236		ug/L		94	54 - 150	10	30
m,p-Xylene	ND		50.0	52.3		ug/L		105	70 - 133	0	25
o-Xylene	ND		25.0	26.1		ug/L		104	70 - 133	1	20

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*110*		*80 - 120*
Dibromofluoromethane (Surr)	*113*		*76 - 132*
Toluene-d8 (Surr)	*108*		*80 - 128*

Lab Sample ID: MB 440-145318/4
Matrix: Water
Analysis Batch: 145318

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methyl-t-Butyl Ether (MTBE)	ND		0.50		ug/L			11/19/13 10:33	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*99*		*80 - 120*		*11/19/13 10:33*	*1*
Dibromofluoromethane (Surr)	*115*		*76 - 132*		*11/19/13 10:33*	*1*
Toluene-d8 (Surr)	*113*		*80 - 128*		*11/19/13 10:33*	*1*

Lab Sample ID: LCS 440-145318/5
Matrix: Water
Analysis Batch: 145318

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

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits		
Methyl-t-Butyl Ether (MTBE)			25.0	26.5		ug/L		106	63 - 131		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*110*		*80 - 120*
Dibromofluoromethane (Surr)	*110*		*76 - 132*
Toluene-d8 (Surr)	*113*		*80 - 128*

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

Lab Sample ID: 440-62405-B-1 MS — **Client Sample ID: Matrix Spike**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 145318

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Methyl-t-Butyl Ether (MTBE)	ND		25.0	27.5		ug/L		110	70 - 130

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*108*		*80 - 120*
Dibromofluoromethane (Surr)	*117*		*76 - 132*
Toluene-d8 (Surr)	*114*		*80 - 128*

Lab Sample ID: 440-62405-C-1 MSD — **Client Sample ID: Matrix Spike Duplicate**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 145318

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Methyl-t-Butyl Ether (MTBE)	ND		25.0	27.5		ug/L		110	70 - 130	0	25

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*108*		*80 - 120*
Dibromofluoromethane (Surr)	*114*		*76 - 132*
Toluene-d8 (Surr)	*114*		*80 - 128*

Lab Sample ID: MB 440-145494/4 — **Client Sample ID: Method Blank**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 145494

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methyl-t-Butyl Ether (MTBE)	ND		0.50		ug/L			11/19/13 19:28	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*101*		*80 - 120*		*11/19/13 19:28*	*1*
Dibromofluoromethane (Surr)	*98*		*76 - 132*		*11/19/13 19:28*	*1*
Toluene-d8 (Surr)	*101*		*80 - 128*		*11/19/13 19:28*	*1*

Lab Sample ID: LCS 440-145494/5 — **Client Sample ID: Lab Control Sample**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 145494

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Methyl-t-Butyl Ether (MTBE)	25.0	23.3		ug/L		93	63 - 131

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*103*		*80 - 120*
Dibromofluoromethane (Surr)	*100*		*76 - 132*
Toluene-d8 (Surr)	*106*		*80 - 128*

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

Lab Sample ID: 440-62047-6 MS
Matrix: Ground Water
Analysis Batch: 145494

Client Sample ID: S-9B
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Methyl-t-Butyl Ether (MTBE)	ND		25.0	24.7		ug/L		98	70 - 130

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*107*		*80 - 120*
Dibromofluoromethane (Surr)	*106*		*76 - 132*
Toluene-d8 (Surr)	*106*		*80 - 128*

Lab Sample ID: 440-62047-6 MSD
Matrix: Ground Water
Analysis Batch: 145494

Client Sample ID: S-9B
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Methyl-t-Butyl Ether (MTBE)	ND		25.0	25.7		ug/L		102	70 - 130	4	25

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*101*		*80 - 120*
Dibromofluoromethane (Surr)	*107*		*76 - 132*
Toluene-d8 (Surr)	*101*		*80 - 128*

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

Lab Sample ID: MB 440-145214/4
Matrix: Water
Analysis Batch: 145214

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			11/18/13 20:15	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Dibromofluoromethane (Surr)	*109*		*76 - 132*		*11/18/13 20:15*	*1*
4-Bromofluorobenzene (Surr)	*107*		*80 - 120*		*11/18/13 20:15*	*1*
Toluene-d8 (Surr)	*107*		*80 - 128*		*11/18/13 20:15*	*1*

Lab Sample ID: LCS 440-145214/6
Matrix: Water
Analysis Batch: 145214

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	453		ug/L		91	55 - 130

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
Dibromofluoromethane (Surr)	*111*		*76 - 132*
4-Bromofluorobenzene (Surr)	*110*		*80 - 120*
Toluene-d8 (Surr)	*107*		*80 - 128*

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

Lab Sample ID: 440-62044-A-8 MS
Matrix: Water
Analysis Batch: 145214

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	1210		ug/L		70	50 - 145		

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
Dibromofluoromethane (Surr)	*113*		*76 - 132*
4-Bromofluorobenzene (Surr)	*111*		*80 - 120*
Toluene-d8 (Surr)	*107*		*80 - 128*

Lab Sample ID: 440-62044-A-8 MSD
Matrix: Water
Analysis Batch: 145214

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	1260		ug/L		73	50 - 145	4	20

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
Dibromofluoromethane (Surr)	*113*		*76 - 132*
4-Bromofluorobenzene (Surr)	*110*		*80 - 120*
Toluene-d8 (Surr)	*108*		*80 - 128*

QC Association Summary

Client: Conestoga-Rovers & Associates, Inc.
Project/Site: 3790 Hopyard Rd., Pleasanton

TestAmerica Job ID: 440-62047-1

GC/MS VOA

Analysis Batch: 145213

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
440-62044-A-8 MS	Matrix Spike	Total/NA	Water	8260B	
440-62044-A-8 MSD	Matrix Spike Duplicate	Total/NA	Water	8260B	
440-62047-2	S-6	Total/NA	Ground Water	8260B	
LCS 440-145213/5	Lab Control Sample	Total/NA	Water	8260B	
MB 440-145213/4	Method Blank	Total/NA	Water	8260B	

Analysis Batch: 145214

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
440-62044-A-8 MS	Matrix Spike	Total/NA	Water	8260B/CA_LUFT MS	
440-62044-A-8 MSD	Matrix Spike Duplicate	Total/NA	Water	8260B/CA_LUFT MS	
440-62047-2	S-6	Total/NA	Ground Water	8260B/CA_LUFT MS	
LCS 440-145214/6	Lab Control Sample	Total/NA	Water	8260B/CA_LUFT MS	
MB 440-145214/4	Method Blank	Total/NA	Water	8260B/CA_LUFT MS	

Analysis Batch: 145318

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
440-62047-1	S-5	Total/NA	Ground Water	8260B	
440-62047-3	S-7	Total/NA	Ground Water	8260B	
440-62047-4	S-8	Total/NA	Ground Water	8260B	
440-62047-5	S-9	Total/NA	Ground Water	8260B	
440-62405-B-1 MS	Matrix Spike	Total/NA	Water	8260B	
440-62405-C-1 MSD	Matrix Spike Duplicate	Total/NA	Water	8260B	
LCS 440-145318/5	Lab Control Sample	Total/NA	Water	8260B	
MB 440-145318/4	Method Blank	Total/NA	Water	8260B	

Analysis Batch: 145494

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
440-62047-6	S-9B	Total/NA	Ground Water	8260B	
440-62047-6 MS	S-9B	Total/NA	Ground Water	8260B	
440-62047-6 MSD	S-9B	Total/NA	Ground Water	8260B	
440-62047-7	S-11	Total/NA	Ground Water	8260B	
440-62047-8	S-12	Total/NA	Ground Water	8260B	
LCS 440-145494/5	Lab Control Sample	Total/NA	Water	8260B	
MB 440-145494/4	Method Blank	Total/NA	Water	8260B	

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
DER	Duplicate error ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision level concentration
MDA	Minimum detectable activity
EDL	Estimated Detection Limit
MDC	Minimum detectable concentration
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
NC	Not Calculated
ND	Not detected at the reporting limit (or MDL or EDL if shown)
PQL	Practical Quantitation Limit
QC	Quality Control
RER	Relative error ratio
RL	Reporting Limit or Requested Limit (Radiochemistry)
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: 3790 Hopyard Rd., Pleasanton

TestAmerica Job ID: 440-62047-1

Laboratory: TestAmerica Irvine

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

Authority	Program	EPA Region	Certification ID	Expiration Date
Alaska	State Program	10	CA01531	06-30-14
Arizona	State Program	9	AZ0671	10-13-14
California	LA Cty Sanitation Districts	9	10256	01-31-14
California	NELAP	9	1108CA	01-31-14
California	State Program	9	2706	06-30-14
Guam	State Program	9	Cert. No. 12.002r	01-28-14 *
Hawaii	State Program	9	N/A	01-31-14
Nevada	State Program	9	CA015312007A	07-31-14
New Mexico	State Program	6	N/A	01-31-14
Northern Mariana Islands	State Program	9	MP0002	01-31-14
Oregon	NELAP	10	4005	09-12-14
USDA	Federal		P330-09-00080	06-06-14
USEPA UCMR	Federal	1	CA01531	01-31-15

* Expired certification is currently pending renewal and is considered valid.

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: 200497 Peter Schaefer

INCIDENT # (ENV SERVICES): 9 8 9 9 5 6 4 2 ☐ CHECK IF NO INCIDENT # APPLIES

PO #

SAP # 1 3 5 7 8 4

DATE 11-8-13
PAGE 1 of 1

SAMPLING COMPANY	LOG CODE	SITE ADDRESS: Street and City	State	GLOBAL ID NO.
Blaine Tech Services	BTSS	3790 Hopyard Rd., Pleasanton	CA	T0600101267

ADDRESS: 1680 Rogers Avenue, San Jose, CA
PROJECT CONTACT (Hardcopy or PDF Report to): Lorin King
TELEPHONE: (310) 885-4455 x 108 FAX: (310) 637-5802 E-MAIL: lking@blainetech.com

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.: 200497-95-12.02
SAMPLER NAME(S) (Print): J. Ortiz
LAB USE ONLY: 440-62047

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:

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

SPECIAL INSTRUCTIONS OR NOTES:
1) Please upload the "CRA EQuIS 4-file EDD" to the CRA Website (http://cralabeddupload.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

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

TEMPERATURE ON RECEIPT, °C

REQUESTED ANALYSIS

Analyses columns: 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: MTBE (8260B); 1,2 DCA (8260B); EDB (8260B); Ethanol (8260B); Methanol (8015B); 6/A; 11/9/13; 1250

LAB USE ONLY		PROJECT NUMBER	DATE (MMDDYY)	SAMPLER INITIALS	WELL ID	TIME	MATRIX	HCL	HNO3	H2SO4	NONE	OTHER	NO. OF CONT.	TPH-GRO	TPH-DRO	BTEX	BTEX+MTBE	BTEX+MTBE+TBA	BTEX+5 OXYs	VOCs	Single Compound: MTBE	1,2 DCA	EDB	Ethanol	Methanol	Container PID Readings or Laboratory Notes
	WG	131108-JO1	110813	~~S-5~~	S-5	1350	WG	3					3								X					
	↓	↓	↓	~~S-6~~	S-6	1100	↓	↓					↓	X				X						X		
				~~S-7~~	S-7	1045															X					
				~~S-8~~	S-8	1320															X					
				~~S-9~~	S-9	1330															X					
				~~S-9B~~	S-9B	1340															X					
				~~S-11~~	S-11	1000															X					
	↓	↓	↓	~~S-12~~	S-12	1225	↓	↓					↓								X					

440-62047 Chain of Custody

Relinquished by (Signature)	Received by (Signature)	Date	Time
[signature]	[signature]	11-8-13	1425
[signature] 11/8/13 1645			
	[signature]	11/9/13	1045

5.8°c

IR63 6.1/4.7

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11/22/2013

Login Sample Receipt Checklist

Client: Conestoga-Rovers & Associates, Inc.

Job Number: 440-62047-1

Login Number: 62047
List Number: 1
Creator: Perez, Angel

List Source: TestAmerica Irvine

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